

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107700.D
 Acq On : 26 Jul 2018 15:30
 Operator : JU/SJ
 Sample : PB111479BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BL

Quant Time: Jul 26 16:27:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	153954	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	630860	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	294921	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	640471	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	459082	20.00	ng	-0.02
86) Perylene-d12	15.68	264	424854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1054386	110.11	ng	0.00
7) Phenol-d6	6.60	99	1296329	112.75	ng	-0.01
23) Nitrobenzene-d5	7.52	82	812268	86.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	445858	132.94	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1610333	97.22	ng	-0.02
78) Terphenyl-d14	13.08	244	1752659	97.74	ng	-0.02

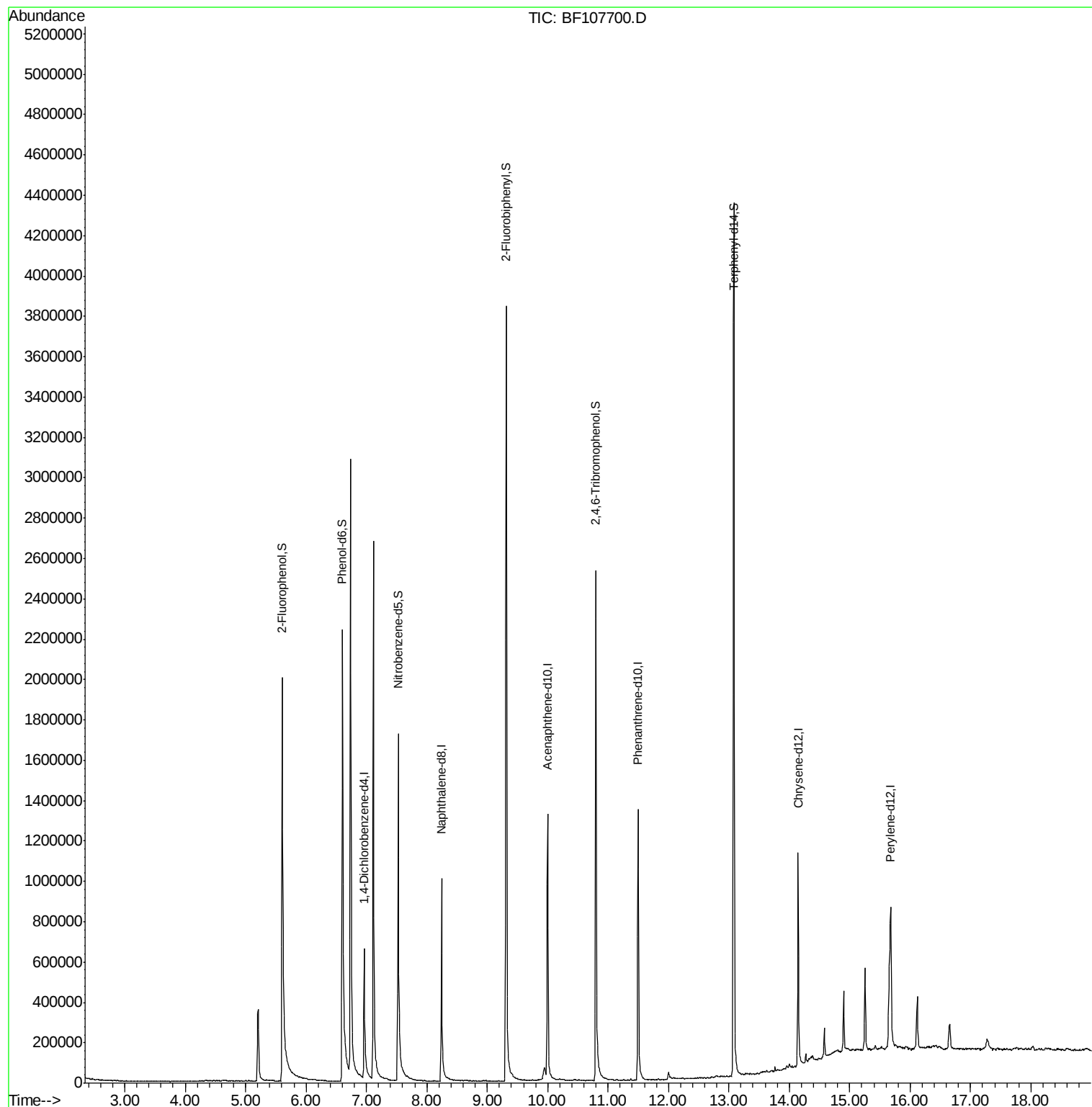
Target Compounds	Qvalue
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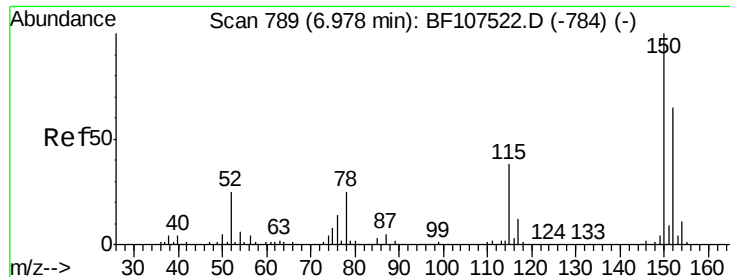
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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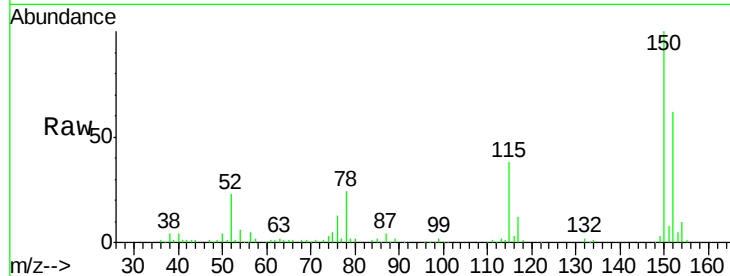


#1

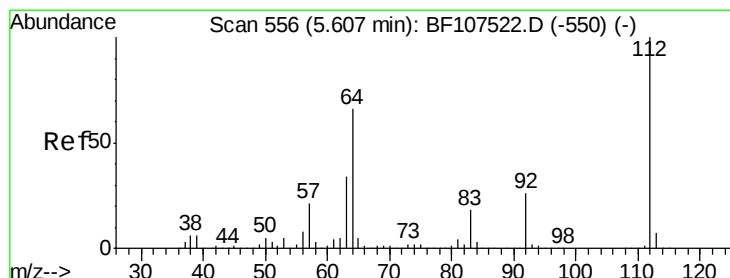
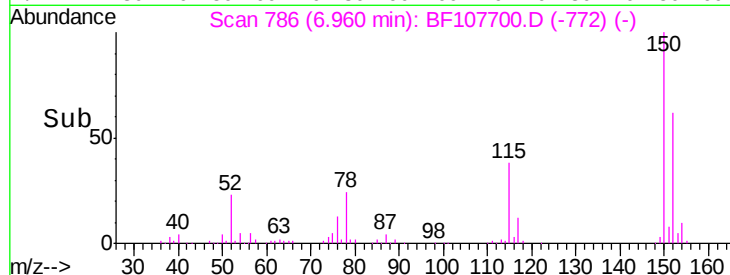
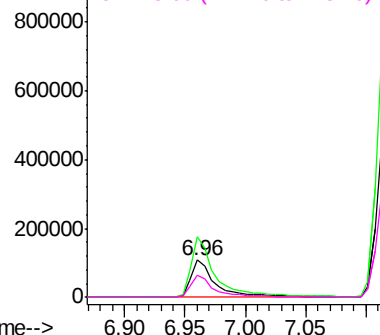
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Instrument :
BNA_F
ClientSampleId :
PB111479BL

Tgt Ion:152 Resp: 153954
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 60.9 50.1 75.1



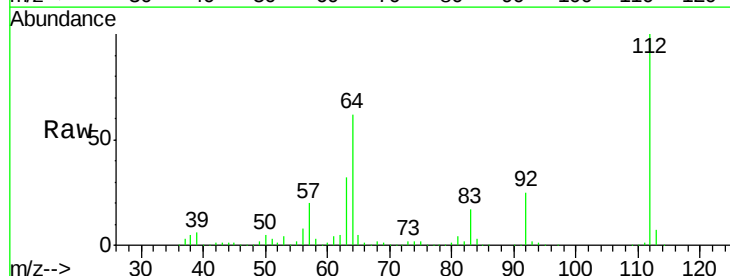
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



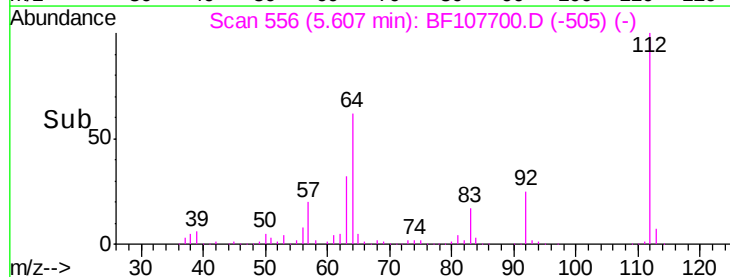
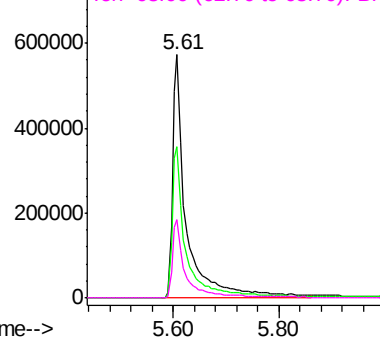
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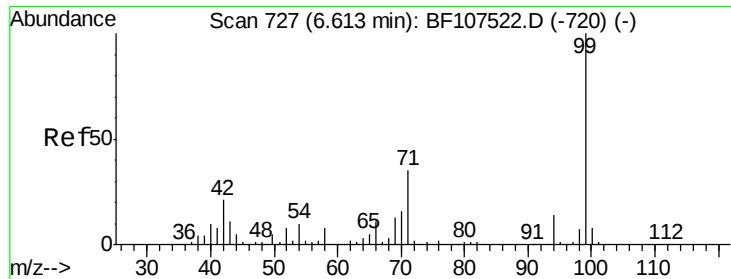
2-Fluorophenol
Concen: 110.114 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Tgt Ion:112 Resp: 1054386
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 32.1 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: 112.748 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107700.D

Acq: 26 Jul 2018 15:30

Instrument :

BNA_F

ClientSampleId :

PB111479BL

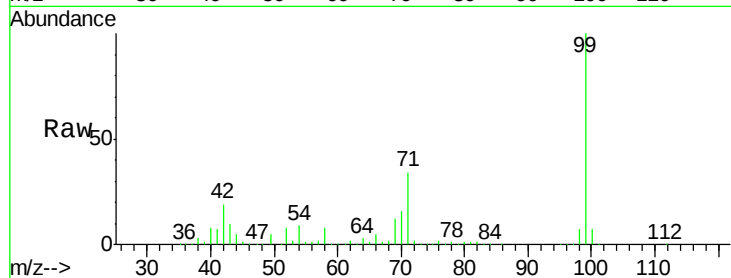
Tgt Ion: 99 Resp: 1296329

Ion Ratio Lower Upper

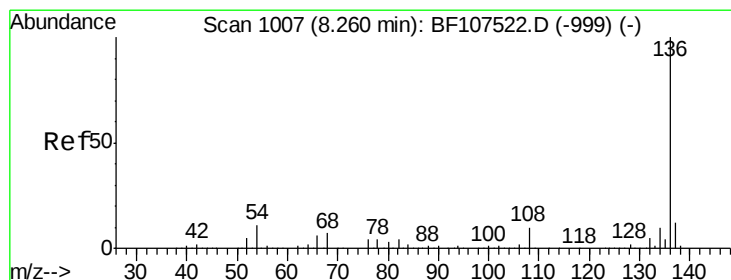
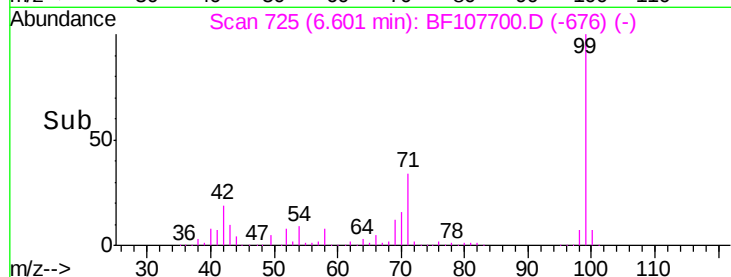
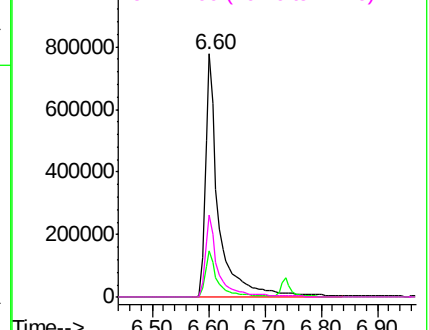
99 100

42 19.3 14.5 21.7

71 34.1 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: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107700.D

Acq: 26 Jul 2018 15:30

Tgt Ion: 136 Resp: 630860

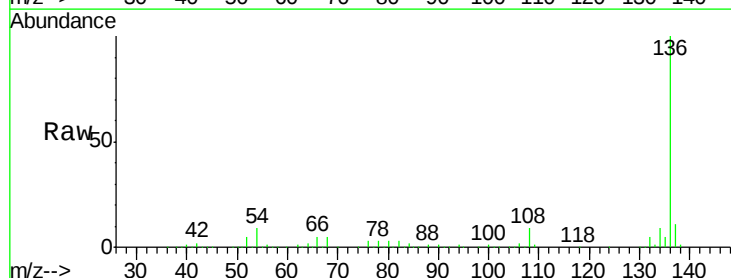
Ion Ratio Lower Upper

136 100

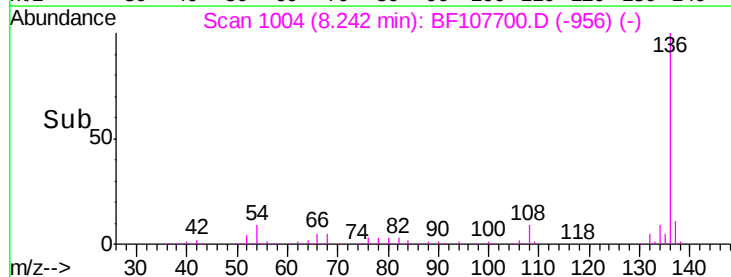
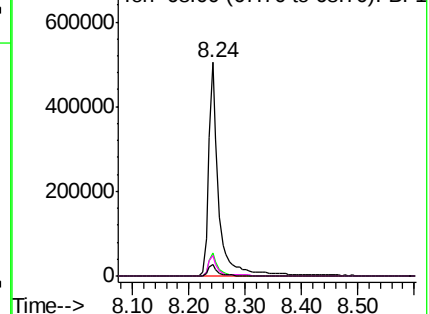
137 10.6 8.9 13.3

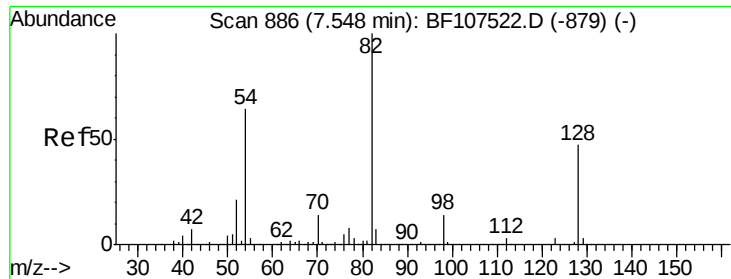
54 9.4 6.6 9.8

68 5.5 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

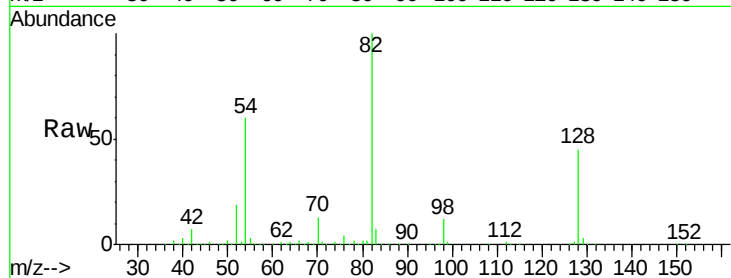




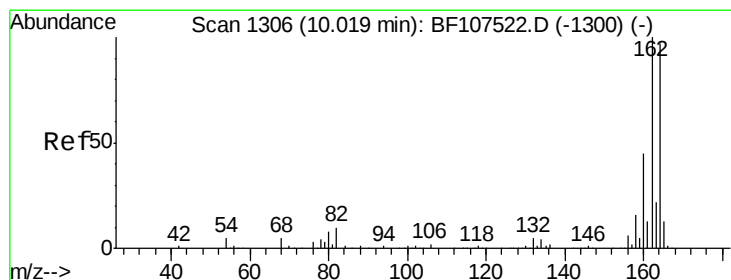
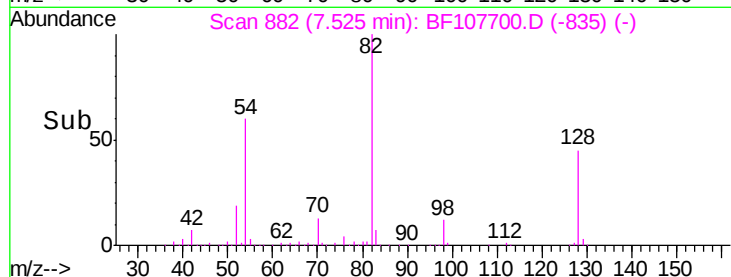
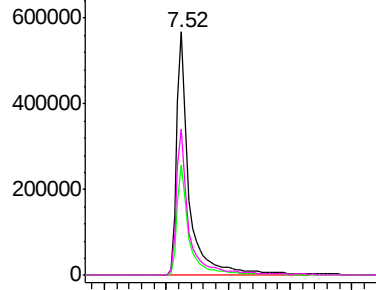
#23
 Nitrobenzene-d5
 Concen: 86.894 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BL

Tgt Ion: 82 Resp: 812268
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 60.2 41.4 62.2

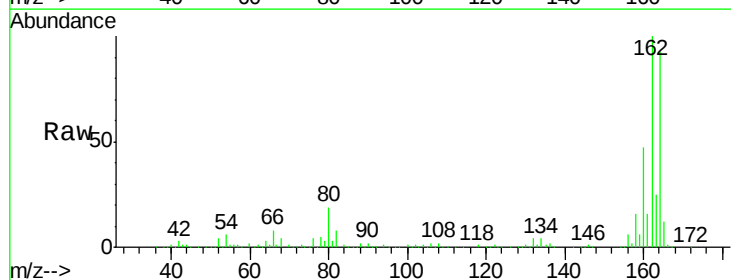


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

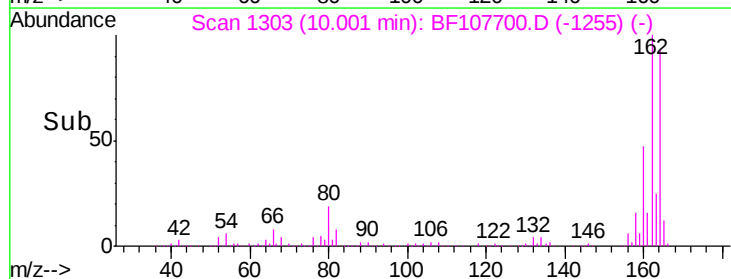
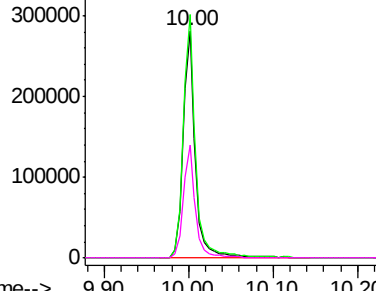


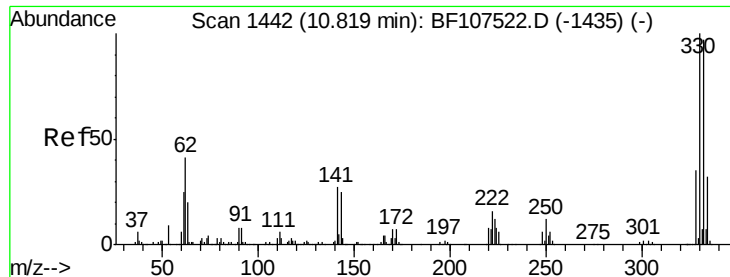
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Tgt Ion: 164 Resp: 294921
 Ion Ratio Lower Upper
 164 100
 162 107.2 86.1 129.1
 160 50.0 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

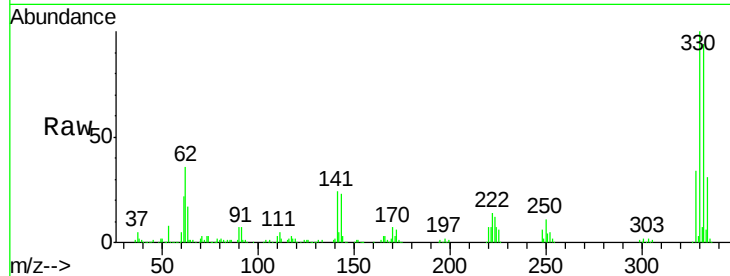




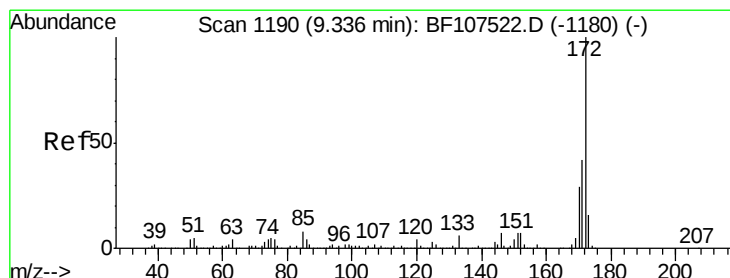
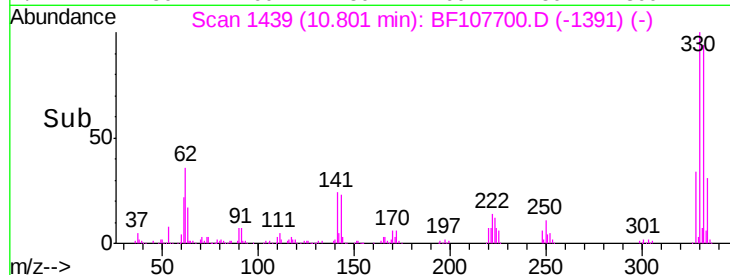
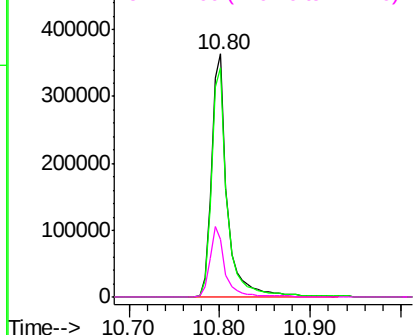
#41
 2,4,6-Tribromophenol
 Concen: 132.945 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.6	29.9	44.9#

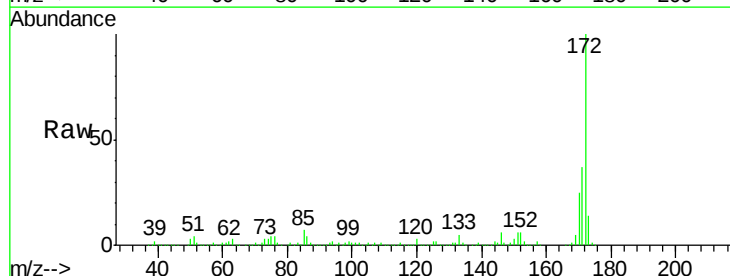


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

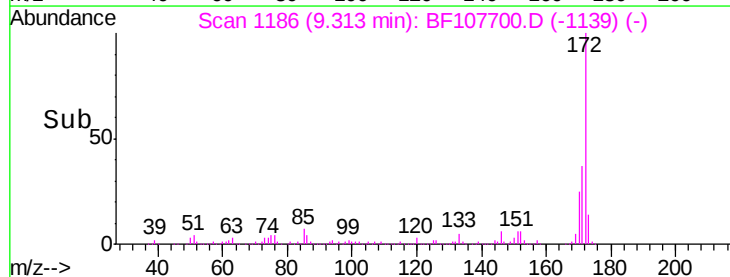
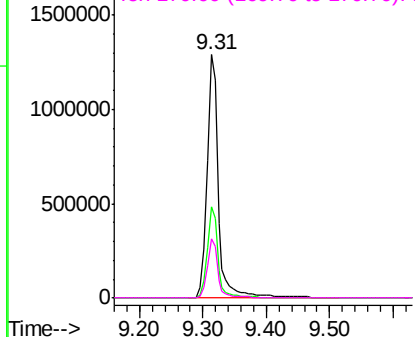


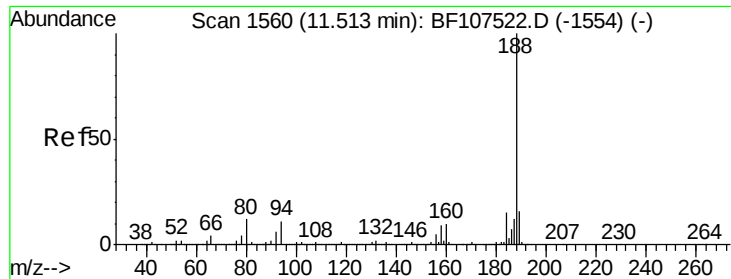
#44
 2-Fluorobiphenyl
 Concen: 97.222 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.6	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

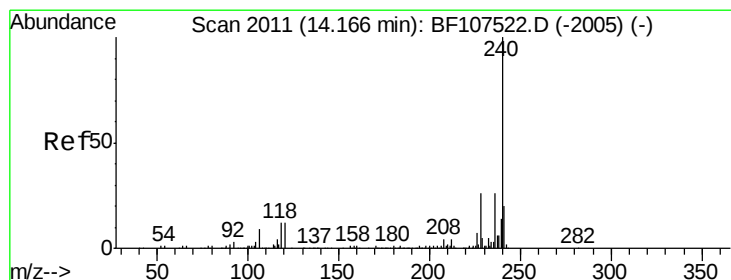
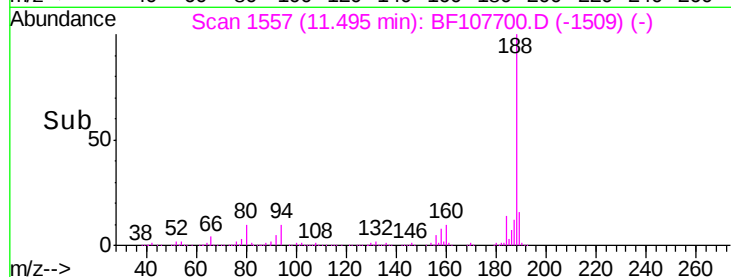
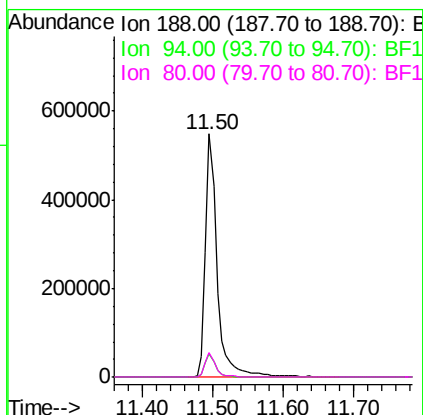
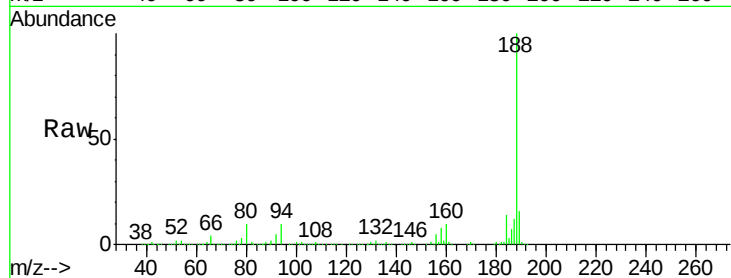




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

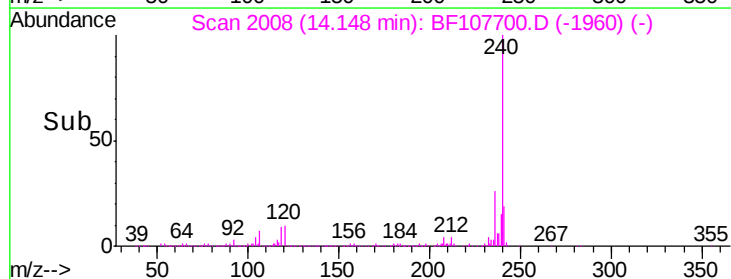
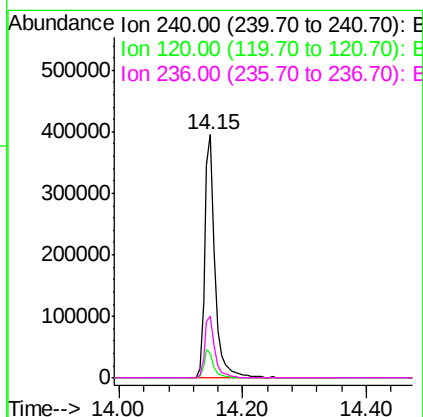
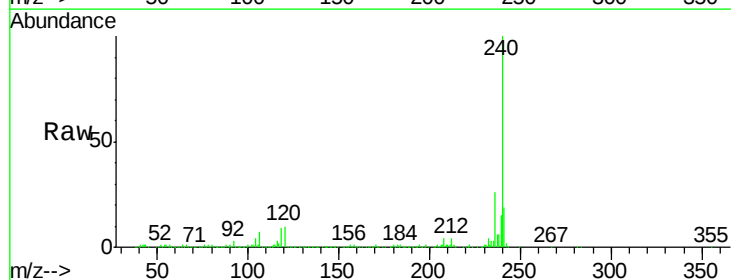
Instrument :
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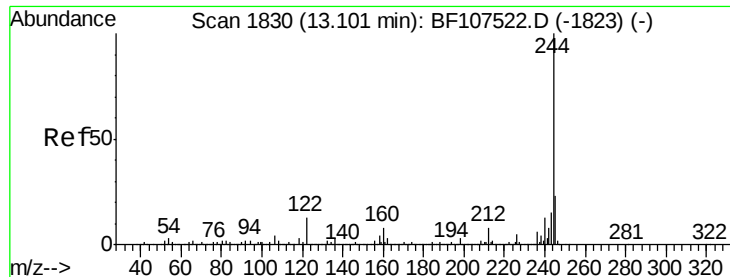
Tgt Ion:188 Resp: 640471
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107700.D
Acq: 26 Jul 2018 15:30

Tgt Ion:240 Resp: 459082
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 25.6 20.7 31.1

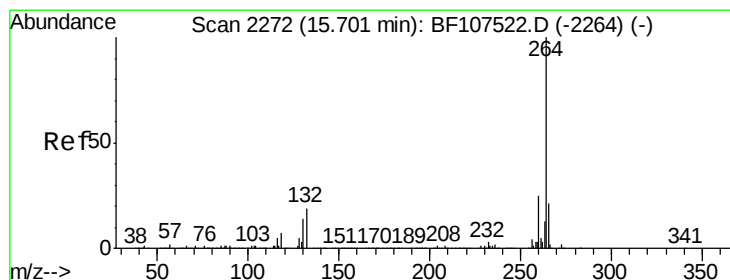
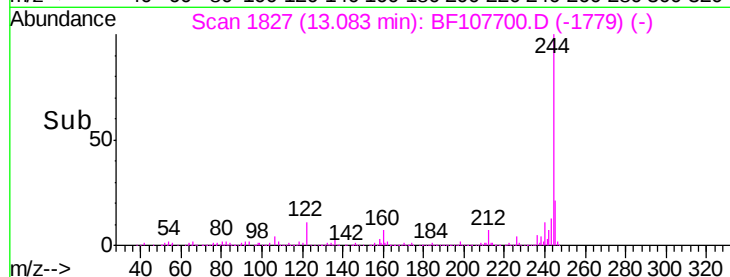
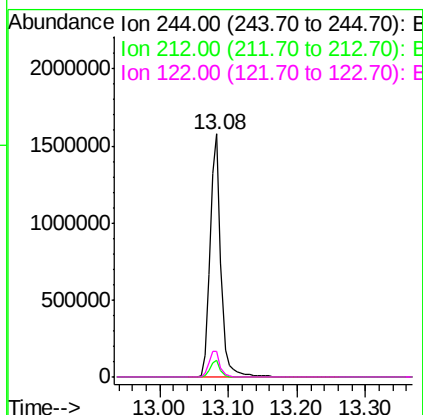
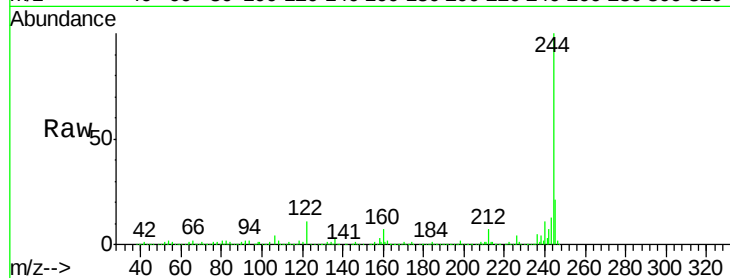




#78
 Terphenyl-d14
 Concen: 97.738 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BL

Tgt Ion:244 Resp: 1752659
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107700.D
 Acq: 26 Jul 2018 15:30

Tgt Ion:264 Resp: 424854
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.5 26.3

