

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107532.D
 Acq On : 20 Jul 2018 19:12
 Operator : JU/SJ
 Sample : PB111265BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BL

Quant Time: Jul 20 23:50:26 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	6.97	152	312530	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1218580	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	559892	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1163966	20.00	ng	0.00
75) Chrysene-d12	14.15	240	952450	20.00	ng	-0.01
86) Perylene-d12	15.69	264	778683	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2105250	108.30	ng	0.00
7) Phenol-d6	6.61	99	2573726	110.27	ng	0.00
23) Nitrobenzene-d5	7.54	82	1568486	86.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	787474	123.68	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2769407	84.60	ng	0.00
78) Terphenyl-d14	13.10	244	3077295	82.71	ng	0.00

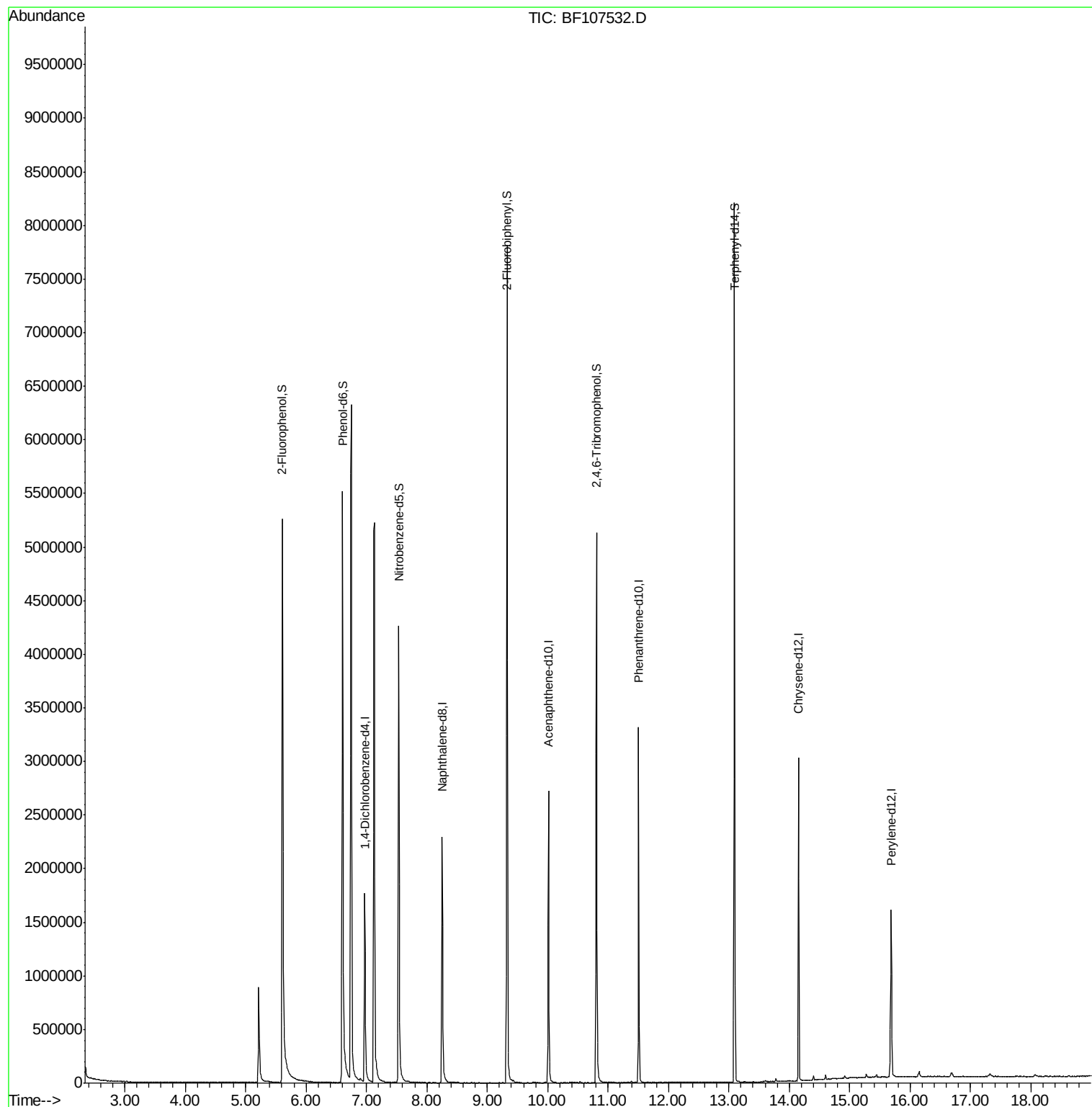
Target Compounds Qvalue

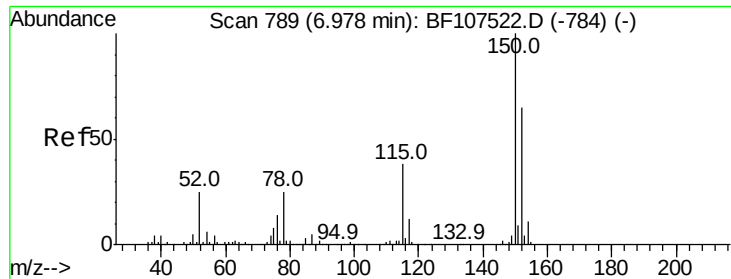
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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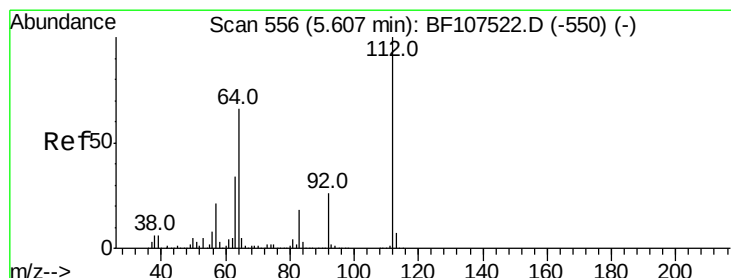
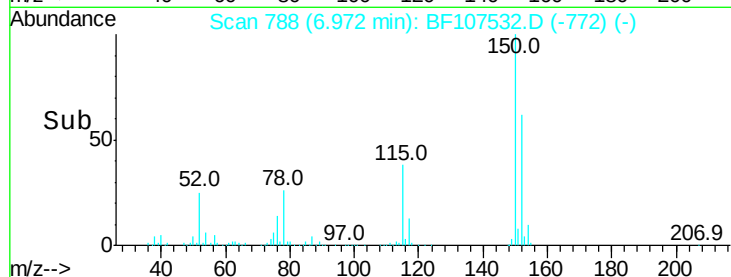
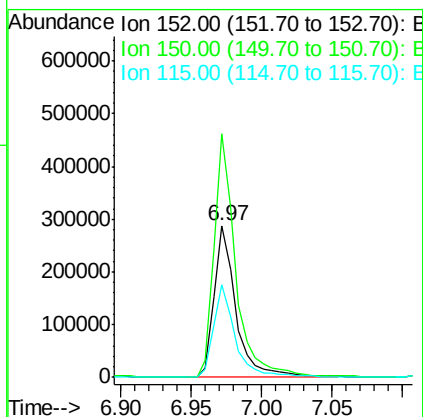
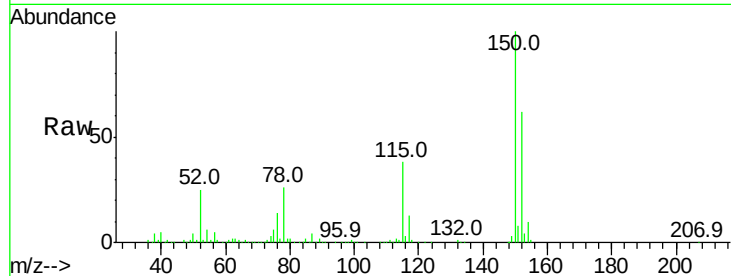


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

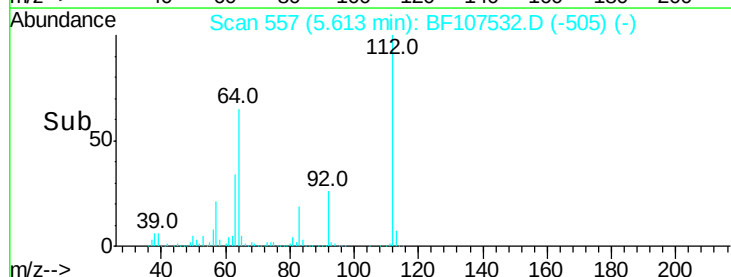
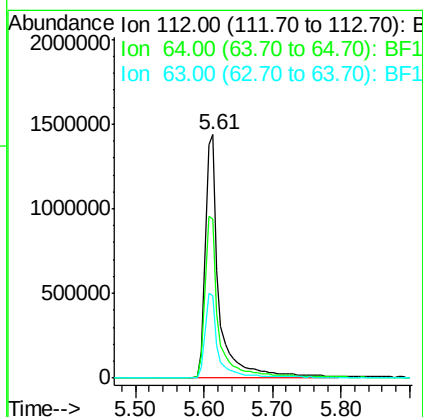
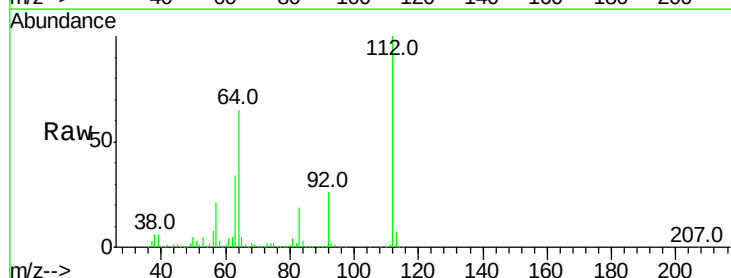
Tot Ion:152 Resp: 312530
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 60.9 50.1 75.1

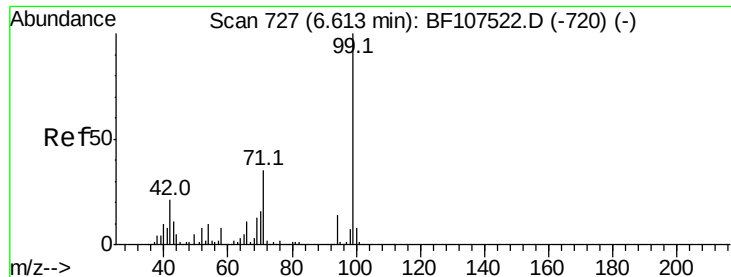


#5

2-Fluorophenol
Concen: 108.304 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:112 Resp: 2105250
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 33.6 23.7 35.5





#7

Phenol-d6

Concen: 110.270 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

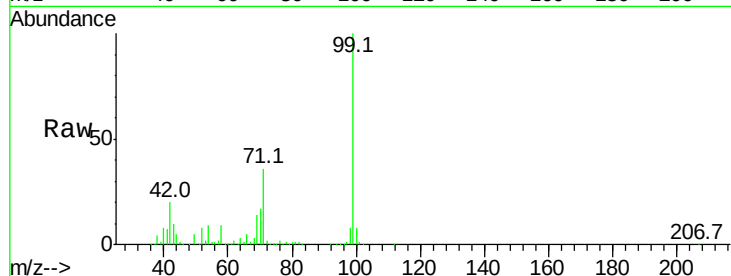
Tot Ion: 99 Resp: 2573726

Ion Ratio Lower Upper

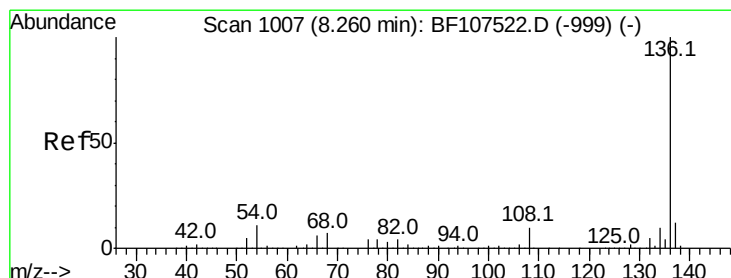
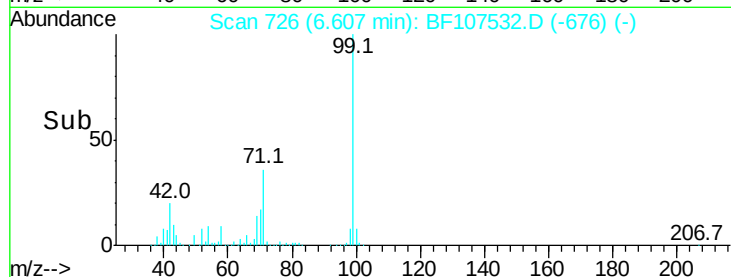
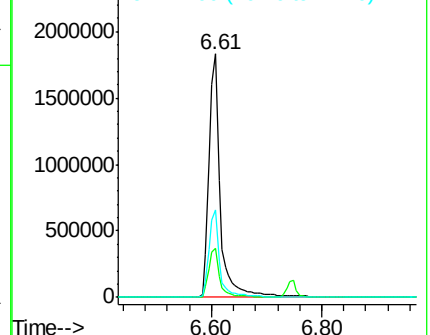
99 100

42 20.1 14.5 21.7

71 35.7 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Tgt Ion: 136 Resp: 1218580

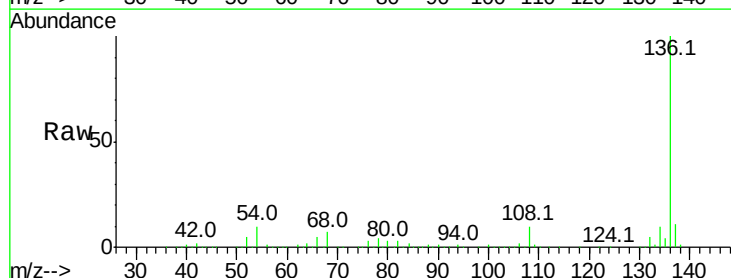
Ion Ratio Lower Upper

136 100

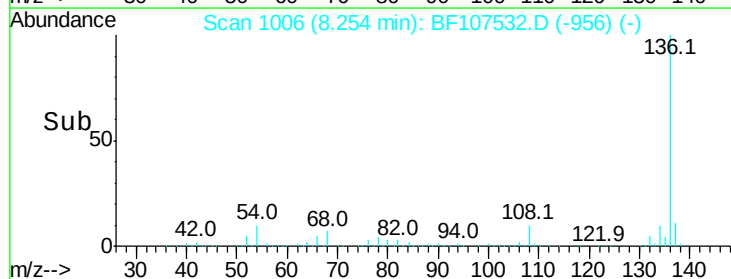
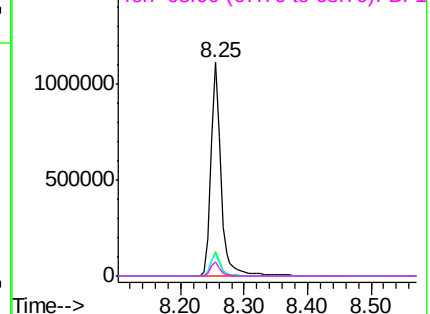
137 11.4 8.9 13.3

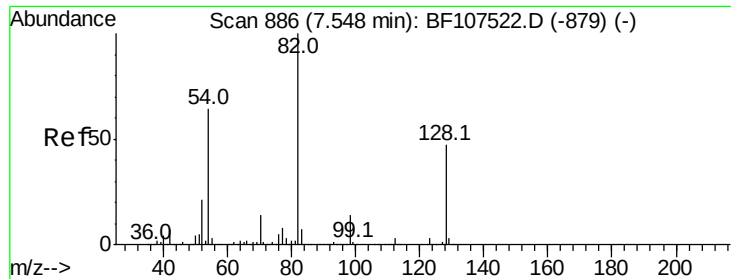
54 10.2 6.6 9.8#

68 6.7 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

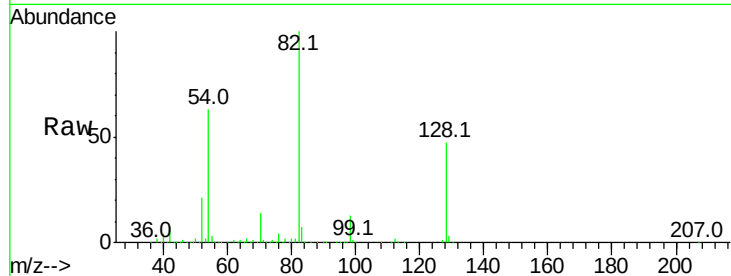




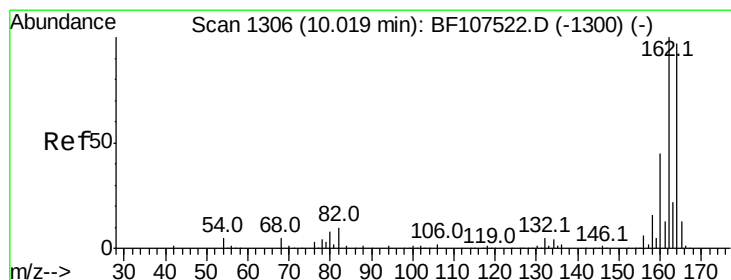
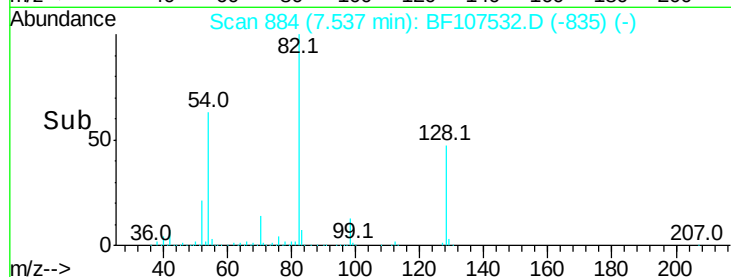
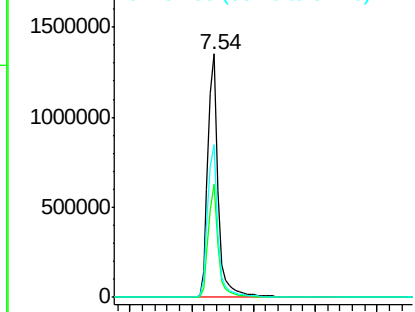
#23
Nitrobenzene-d5
Concen: 86.866 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tot Ion: 82 Resp: 1568486
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 62.8 41.4 62.2#

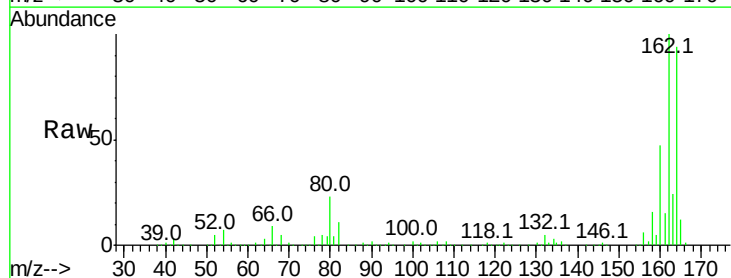


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

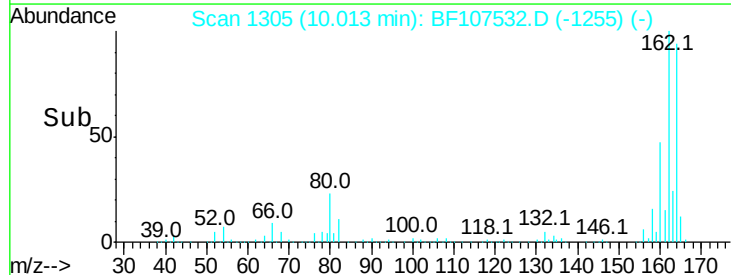
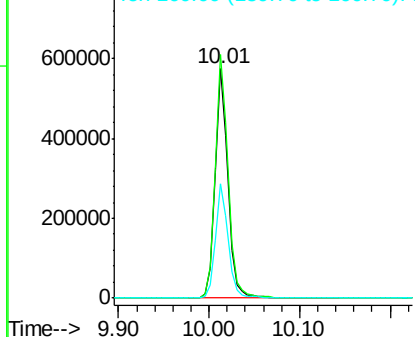


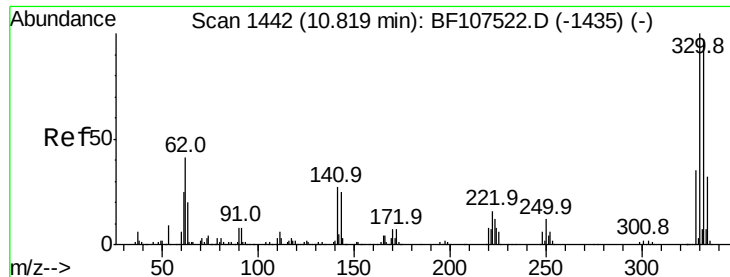
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 164 Resp: 559892
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 49.8 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

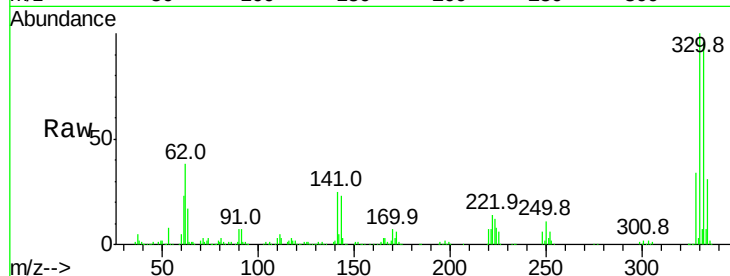




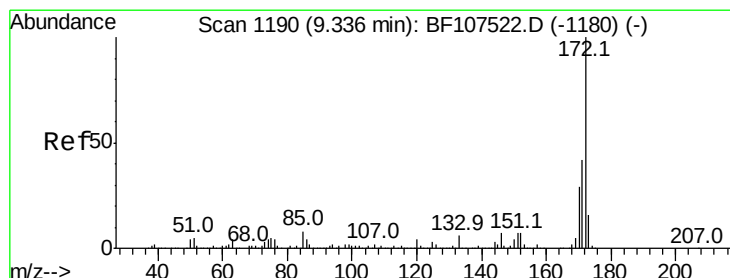
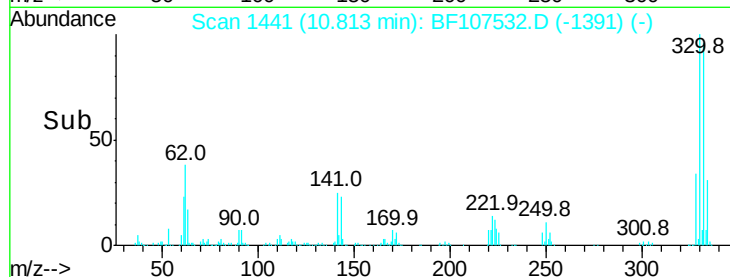
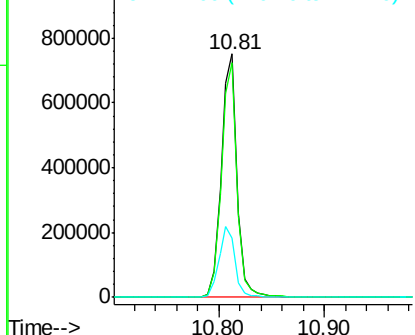
#41
 2,4,6-Tribromophenol
 Concen: 123.684 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BL

Tot Ion:330 Resp: 787474
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 30.3 29.9 44.9

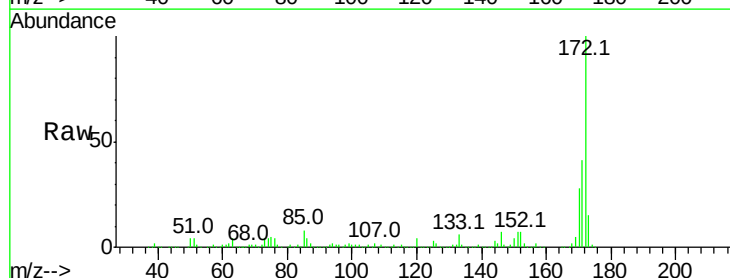


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

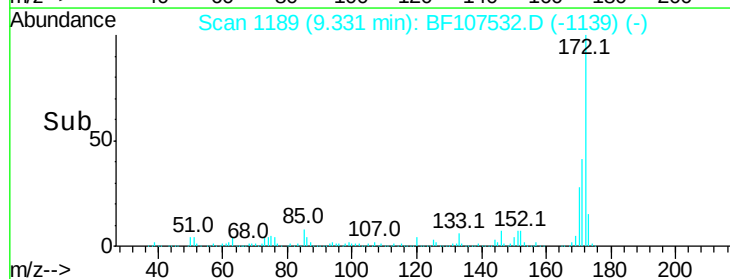
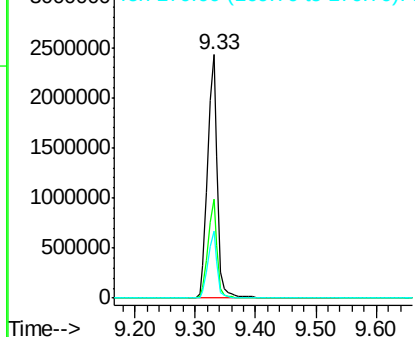


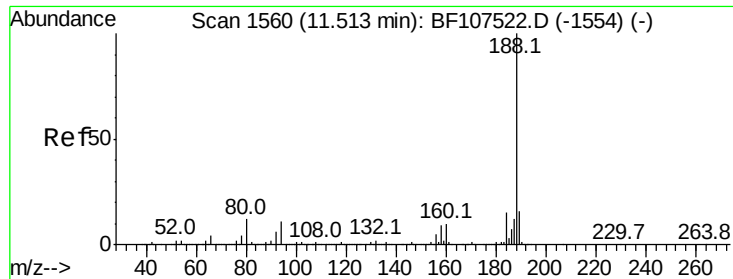
#44
 2-Fluorobiphenyl
 Concen: 84.604 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107532.D
 Acq: 20 Jul 2018 19:12

Tgt Ion:172 Resp: 2769407
 Ion Ratio Lower Upper
 172 100
 171 40.8 29.7 44.5
 170 27.6 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

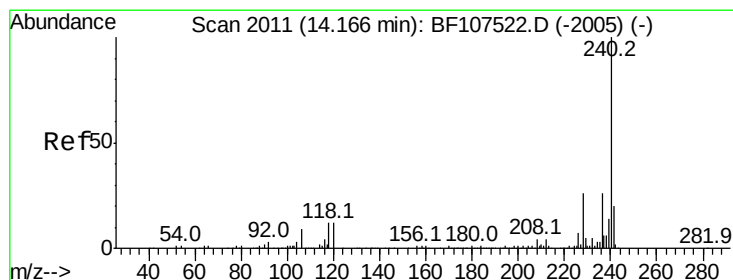
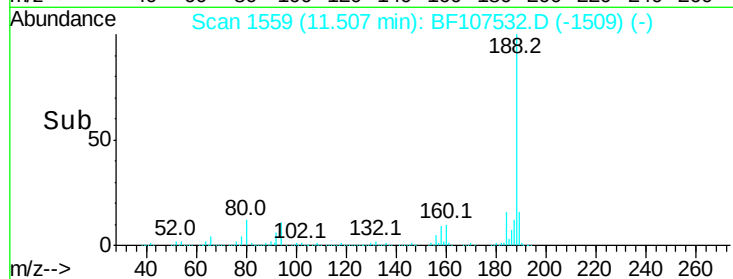
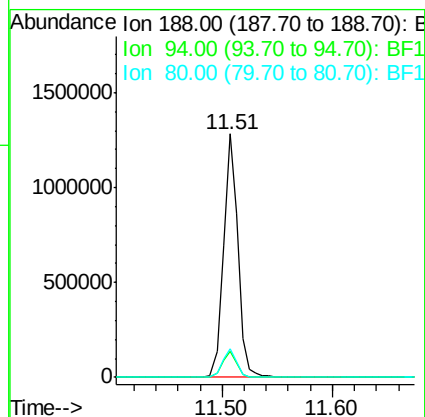
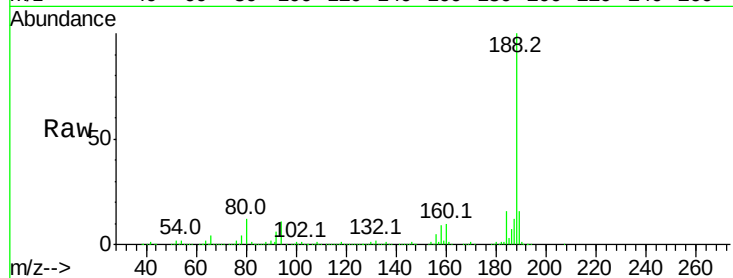




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

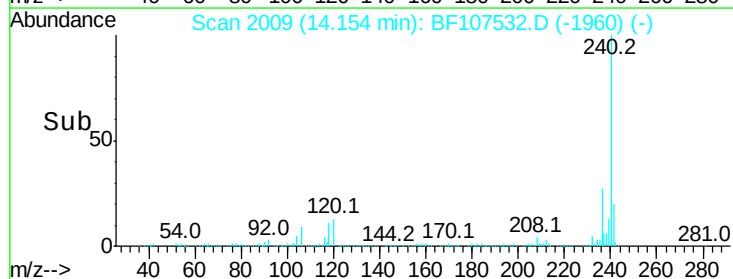
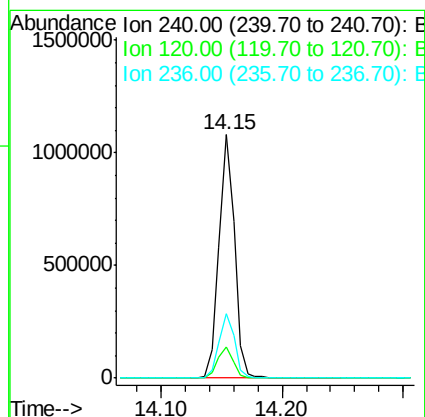
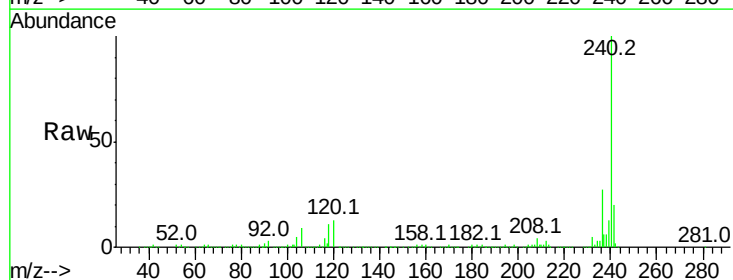
Instrument :
BNA_F
ClientSampleId :
PB111265BL

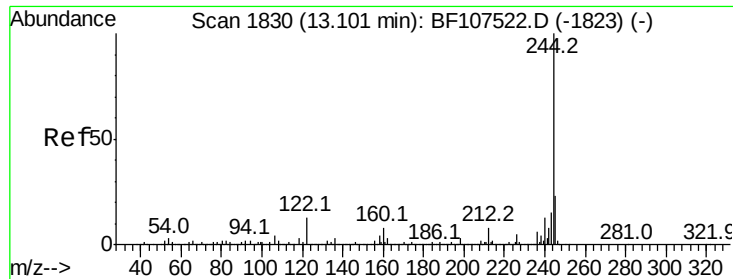
Tot Ion:188 Resp: 1163966
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:240 Resp: 952450
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 82.715 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Instrument :

BNA_F

ClientSampleId :

PB111265BL

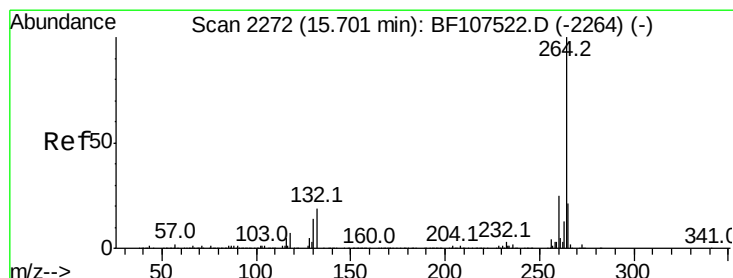
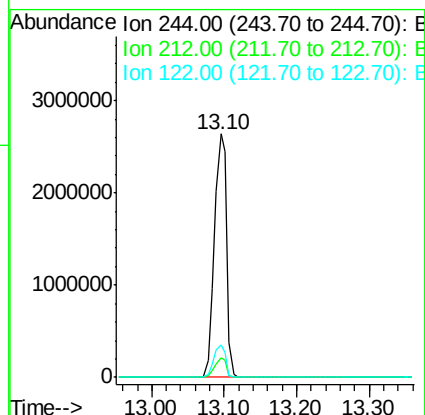
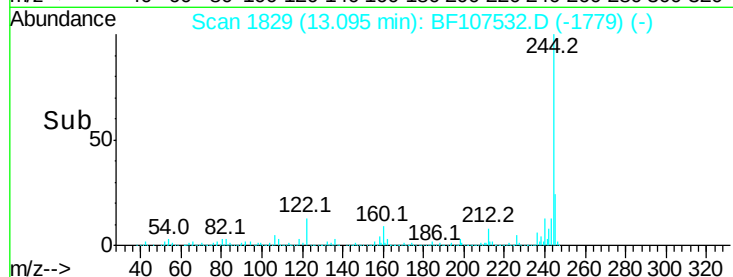
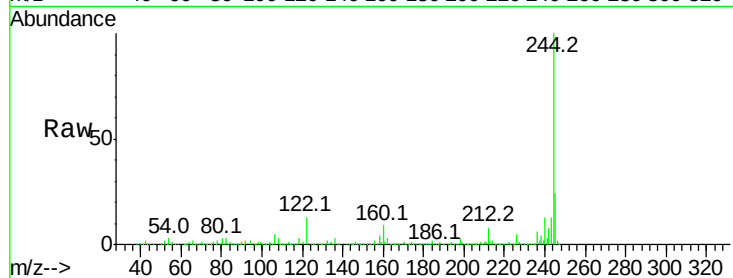
Tot Ion:244 Resp: 3077295

Ion Ratio Lower Upper

244 100

212 8.3 5.4 8.0#

122 13.5 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107532.D

Acq: 20 Jul 2018 19:12

Tgt Ion:264 Resp: 778683

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 17.5 26.3

