

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107615.D
 Acq On : 24 Jul 2018 13:37
 Operator : JU/SJ
 Sample : PB111380BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BL

Quant Time: Jul 25 02:11:10 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	255415	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1000742	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	477676	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	1029601	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	904603	20.00	ng	-0.02
86) Perylene-d12	15.68	264	781467	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1720918	108.33	ng	0.00
7) Phenol-d6	6.61	99	2098801	110.03	ng	0.00
23) Nitrobenzene-d5	7.53	82	1326431	89.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	596712	109.85	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2430106	87.96	ng	-0.01
78) Terphenyl-d14	13.09	244	2745543	77.70	ng	-0.01

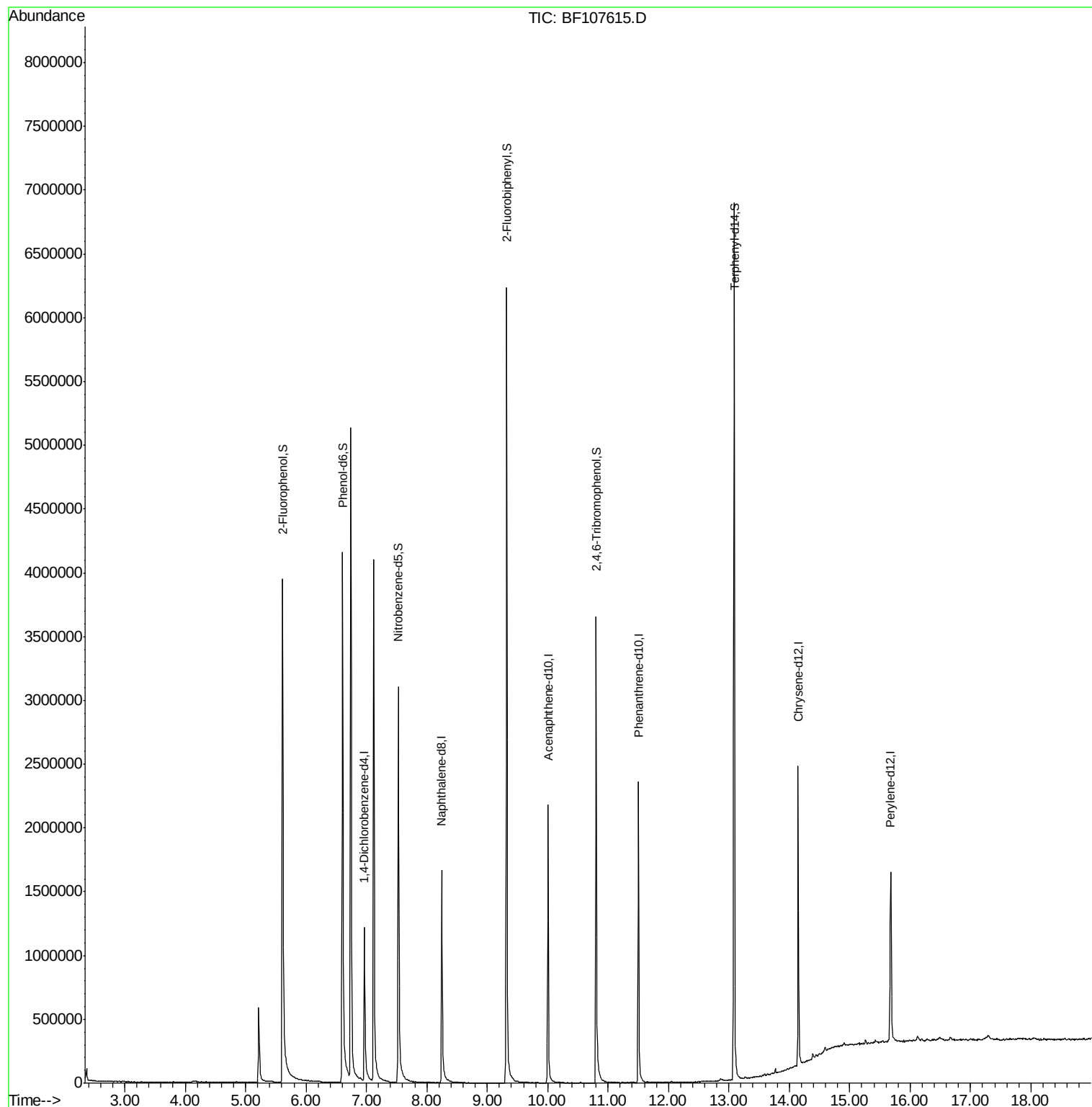
Target Compounds Qvalue

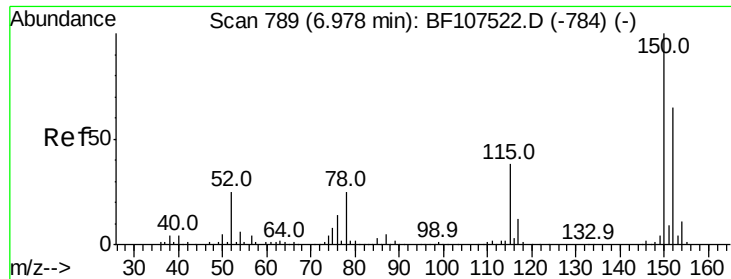
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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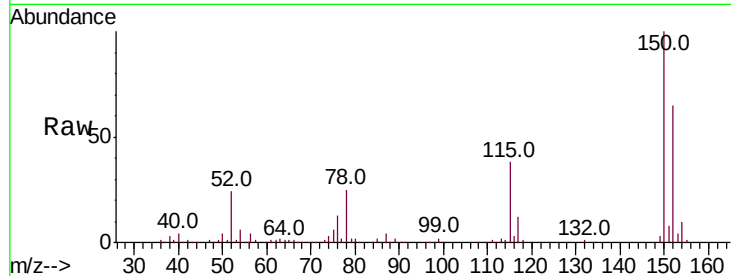


#1

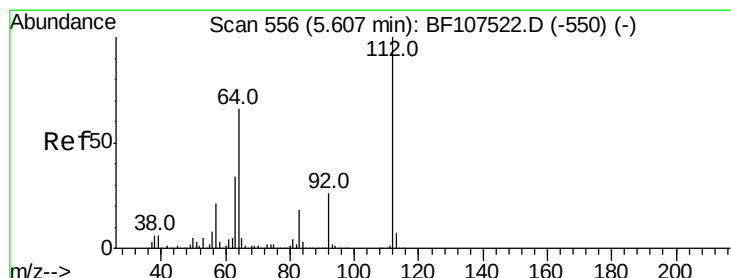
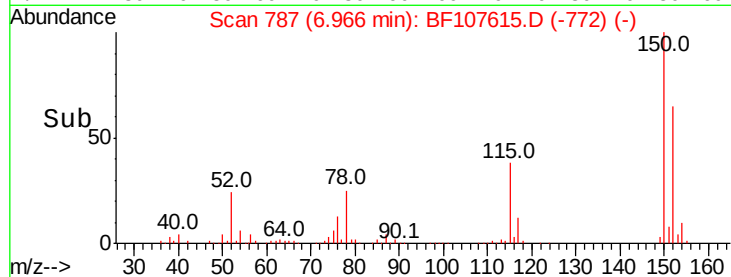
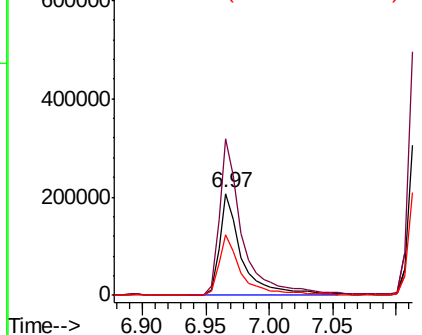
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB111380BL

Tot Ion:152 Resp: 255415
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 59.1 50.1 75.1



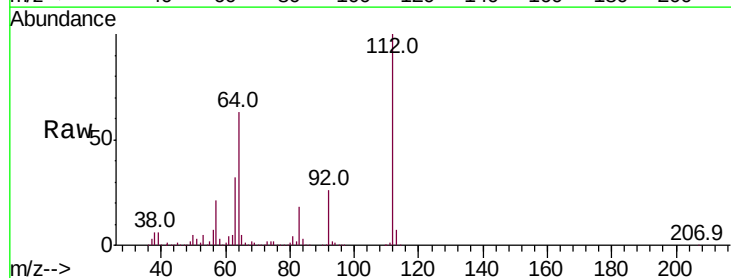
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



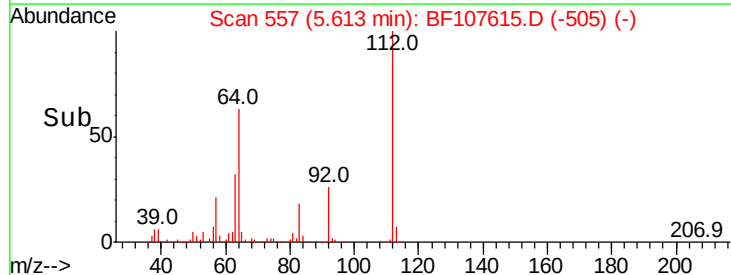
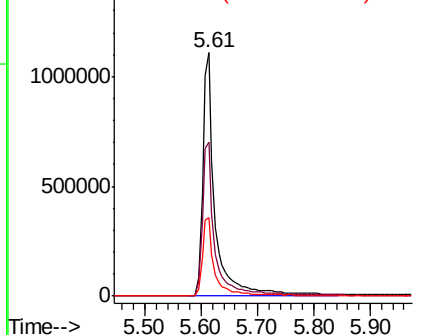
#5

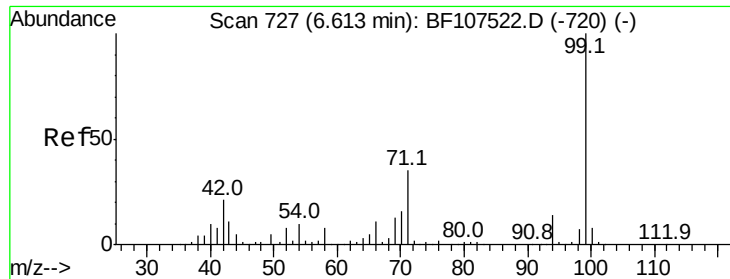
2-Fluorophenol
Concen: 108.330 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Tgt Ion:112 Resp: 1720918
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.5 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: 110.030 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

Instrument :

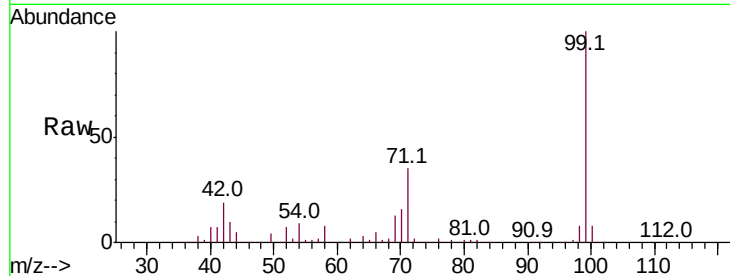
BNA_F

ClientSampleId :

PB111380BL

Tot Ion: 99 Resp: 2098801

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	35.0	25.4	38.0

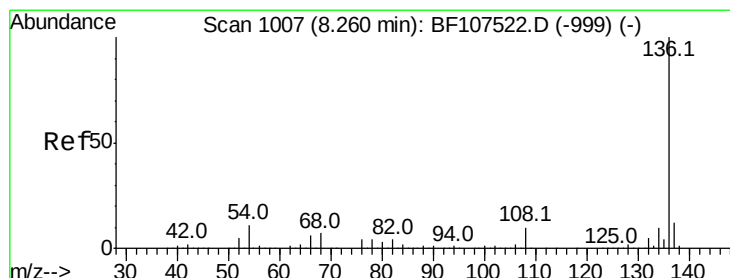
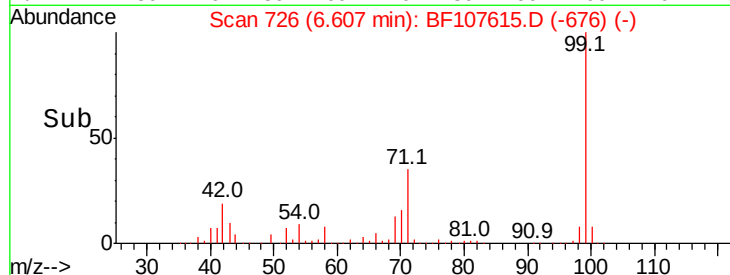
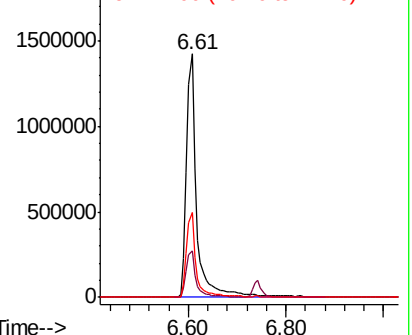


Abundance

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# 1005

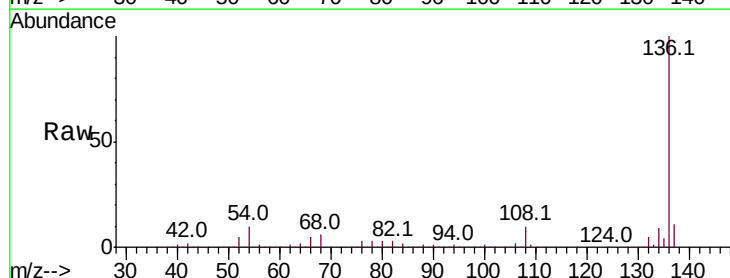
Delta R.T. -0.01 min

Lab File: BF107615.D

Acq: 24 Jul 2018 13:37

Tgt Ion: 136 Resp: 1000742

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.0	6.6	9.8
68	5.6	5.0	7.4



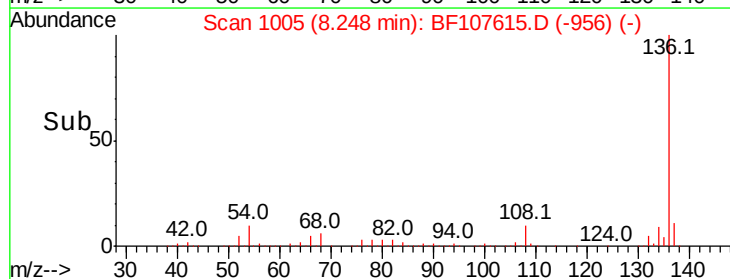
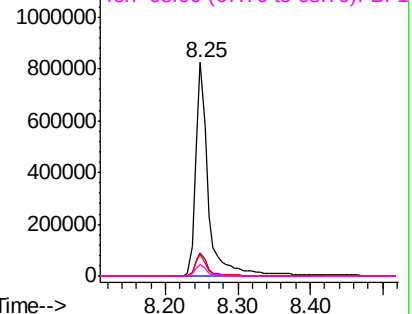
Abundance

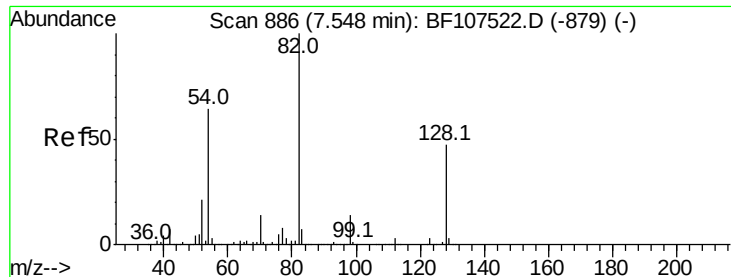
Ion 136.00 (135.70 to 136.70): E

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

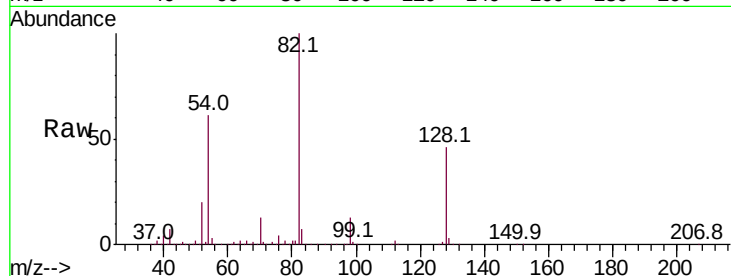




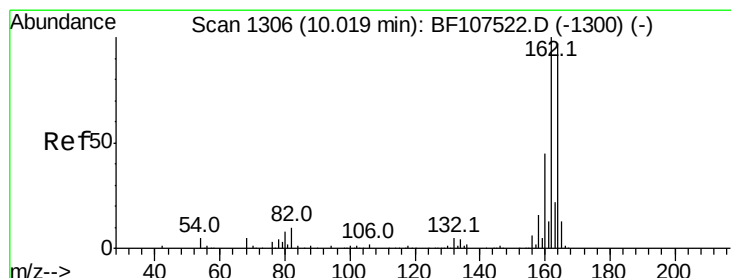
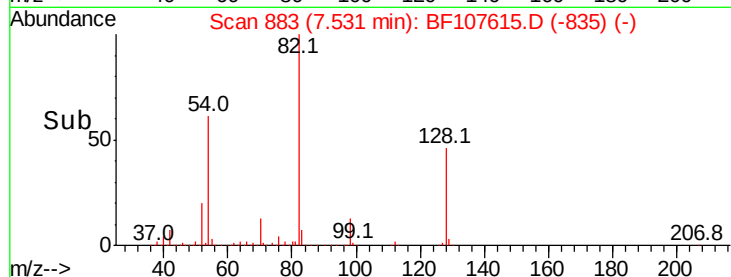
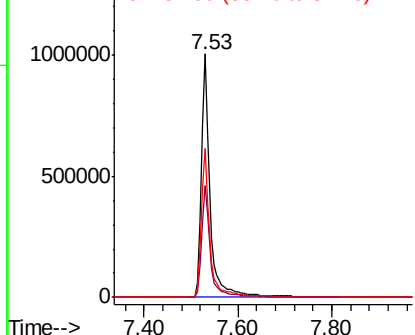
#23
Nitrobenzene-d5
Concen: 89.451 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Instrument :
BNA_F
ClientSampleId :
PB111380BL

Tot Ion: 82 Resp: 1326431
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 61.4 41.4 62.2

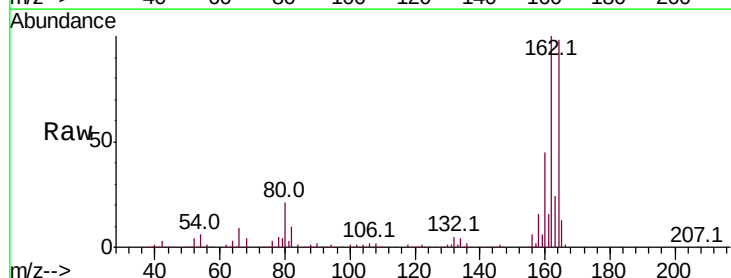


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

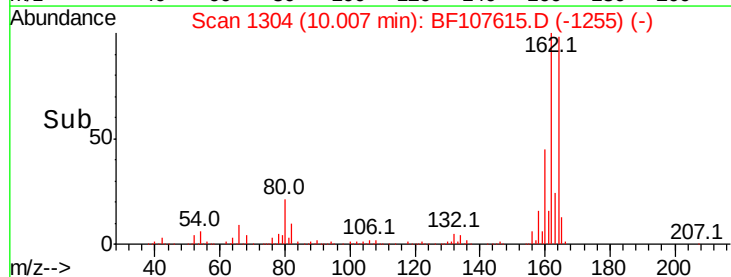
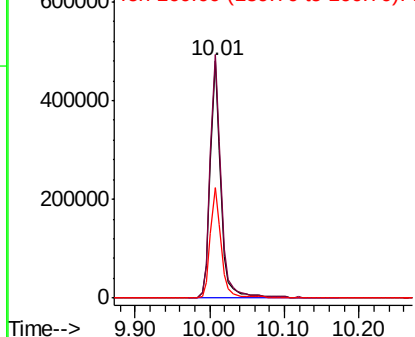


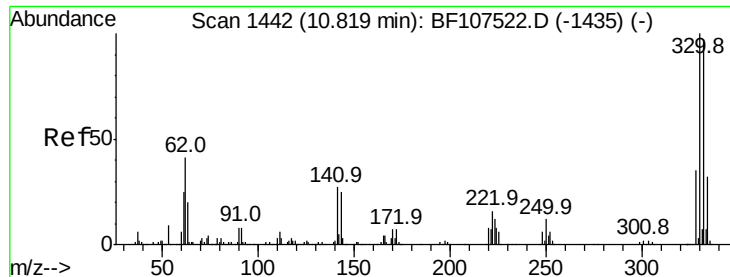
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Tgt Ion:164 Resp: 477676
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 46.4 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

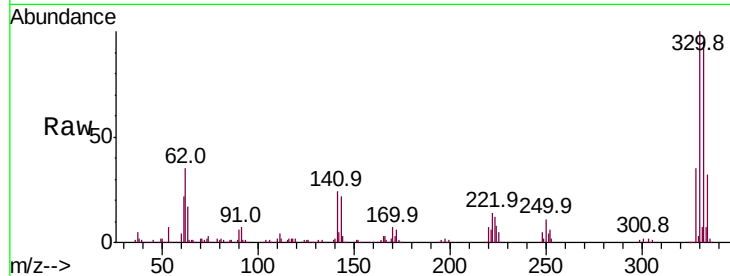




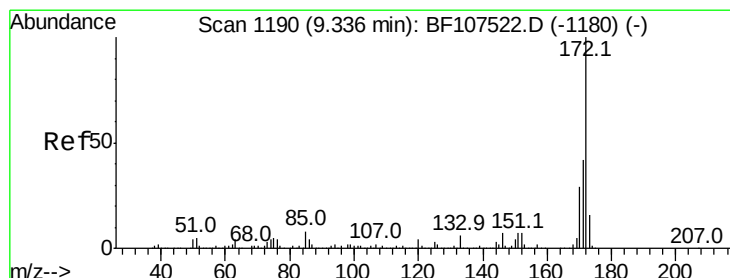
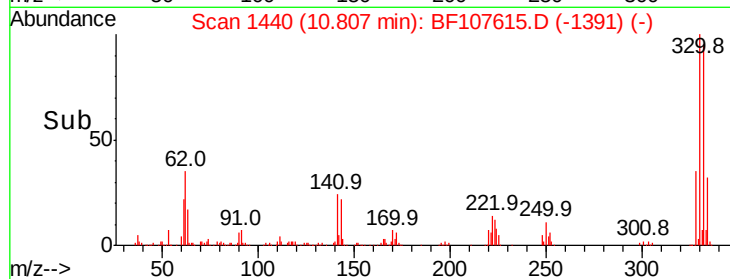
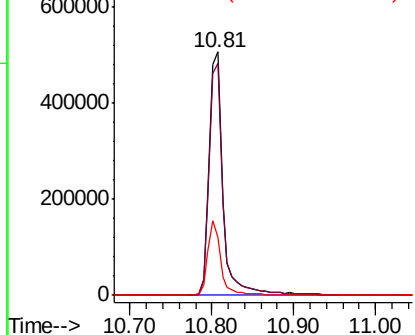
#41
 2,4,6-Tribromophenol
 Concen: 109.853 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BL

Tot Ion:330 Resp: 596712
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 29.6 29.9 44.9#

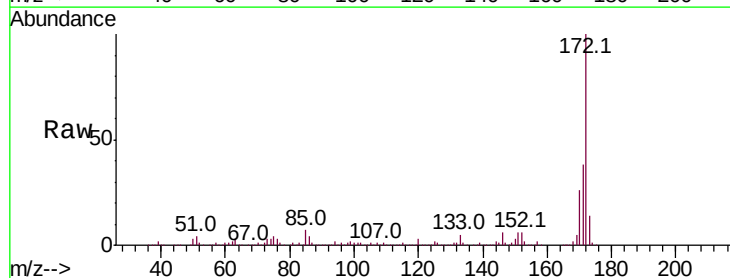


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

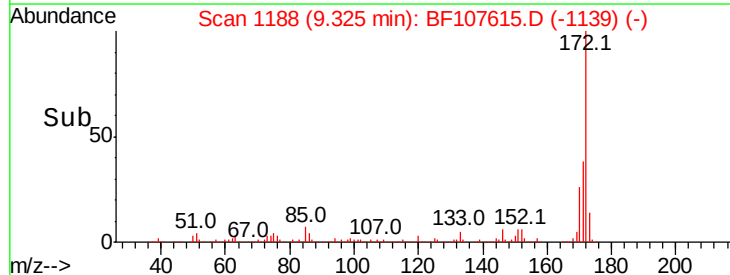
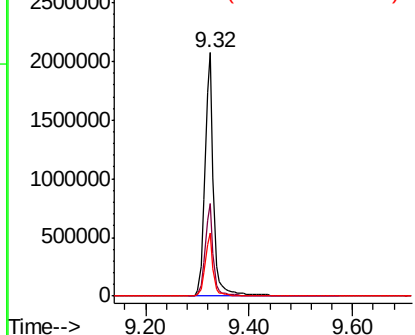


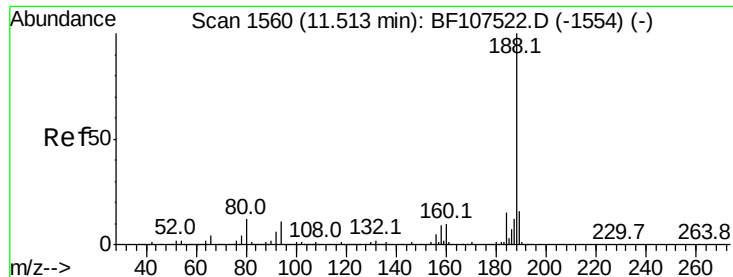
#44
 2-Fluorobiphenyl
 Concen: 87.957 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

Tgt Ion:172 Resp: 2430106
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.7 44.5
 170 26.0 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

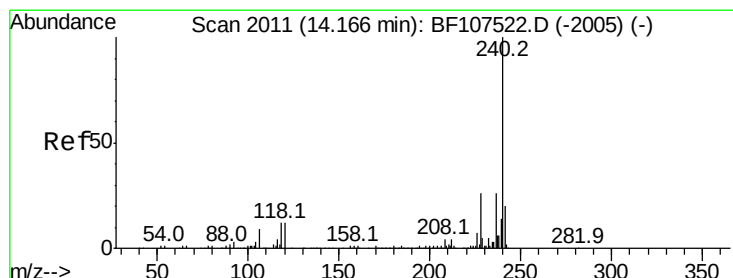
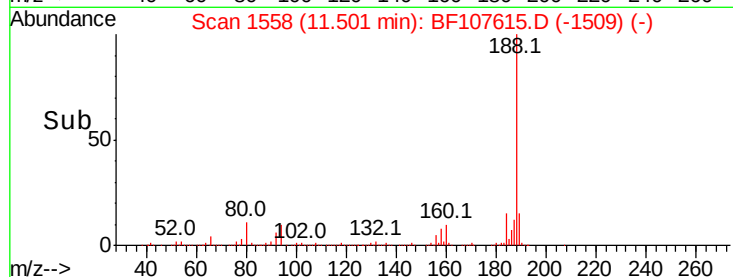
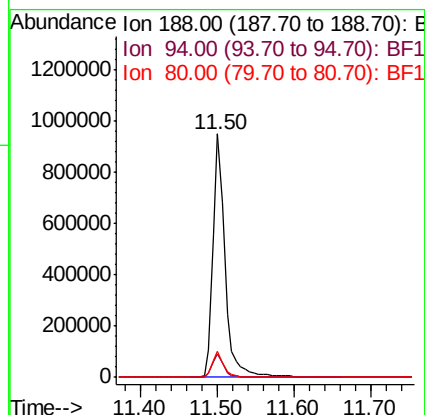
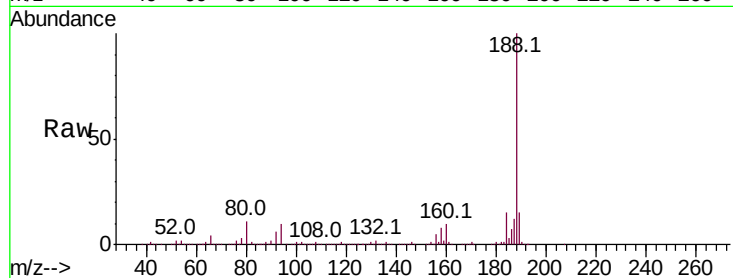




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

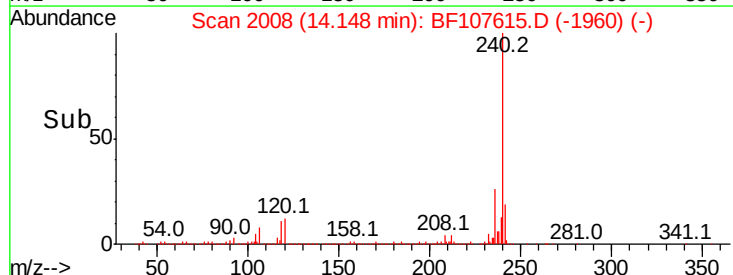
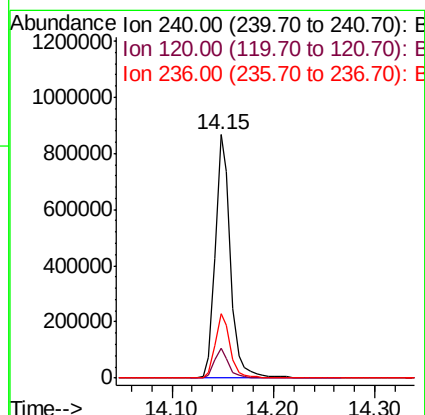
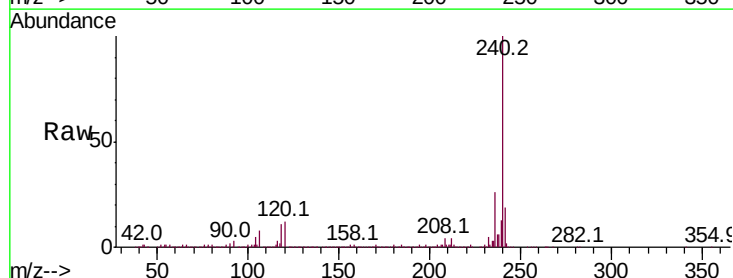
Instrument :
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ClientSampleId :
PB111380BL

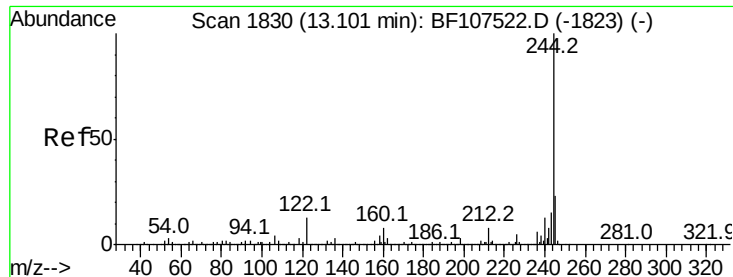
Tot Ion:188 Resp: 1029601
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107615.D
Acq: 24 Jul 2018 13:37

Tgt Ion:240 Resp: 904603
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.4 20.7 31.1

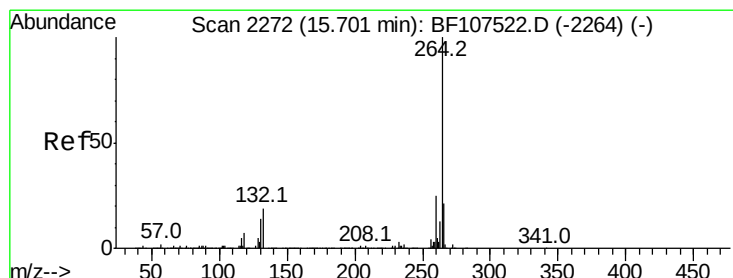
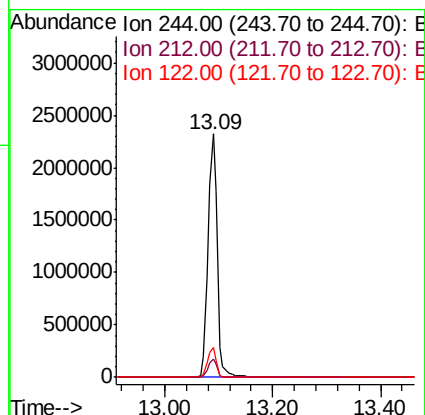
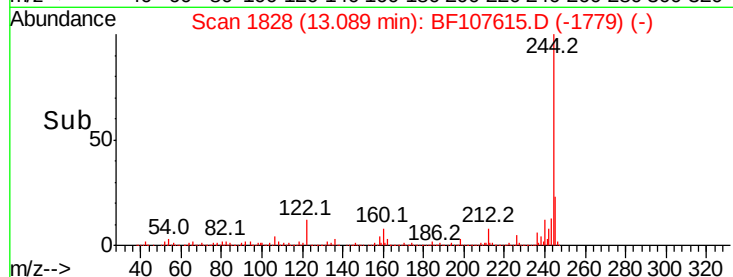
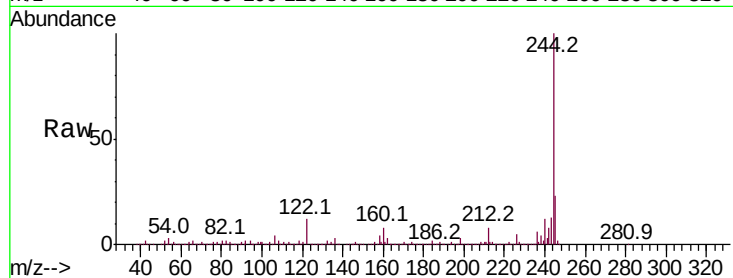




#78
 Terphenyl-d14
 Concen: 77.701 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107615.D
 Acq: 24 Jul 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB111380BL

Tot Ion:244 Resp: 2745543
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 12.4 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: BF107615.D
 Acq: 24 Jul 2018 13:37

Tgt Ion:264 Resp: 781467
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.1 17.5 26.3

