

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107566.D
 Acq On : 21 Jul 2018 10:43
 Operator : JU/SJ
 Sample : J4061-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-B

Quant Time: Jul 23 04:20:00 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

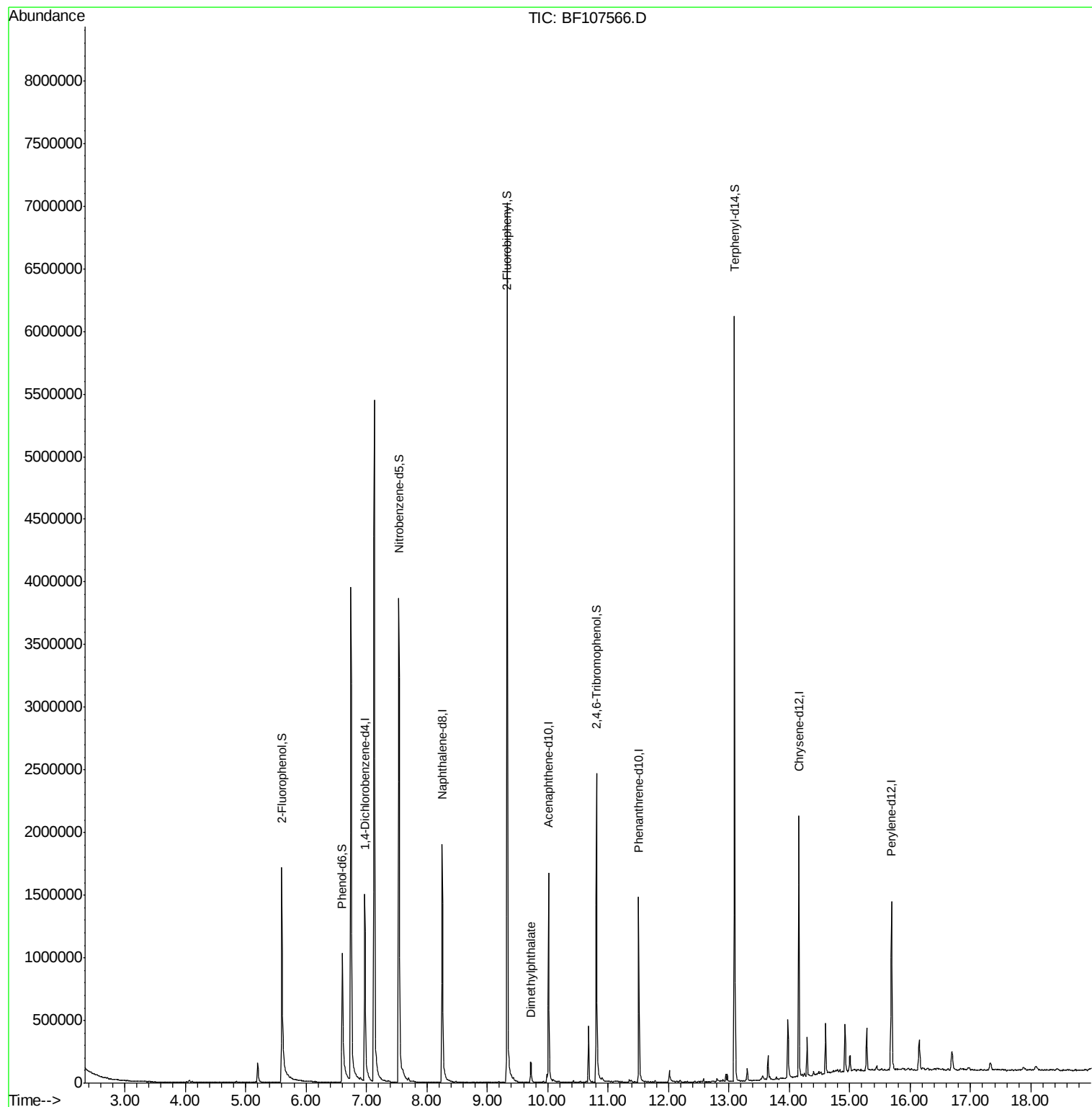
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	301133	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1053011	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	360838	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	646485	20.00	ng	0.00
75) Chrysene-d12	14.16	240	711346	20.00	ng	0.00
86) Perylene-d12	15.69	264	577572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	714176	38.13	ng	0.00
7) Phenol-d6	6.60	99	611436	27.19	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1578095	101.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	352538	85.92	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2361092	128.76	ng	0.00
78) Terphenyl-d14	13.10	244	2128080	76.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	81540	2.998	ng	99

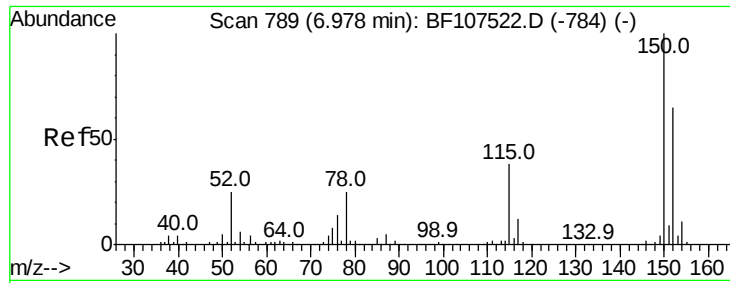
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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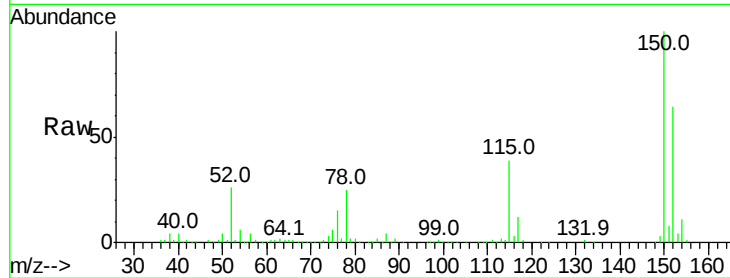


#1

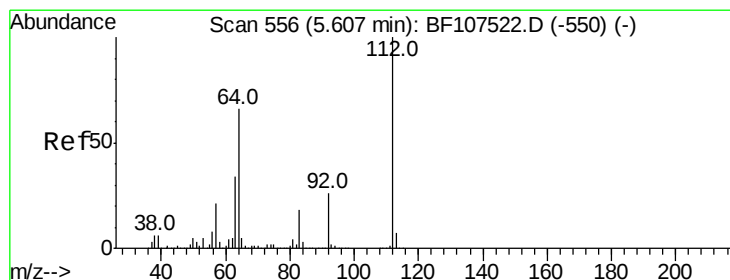
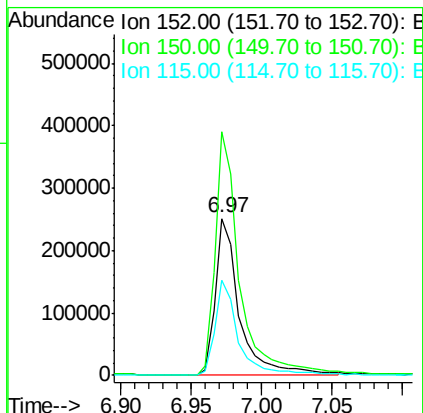
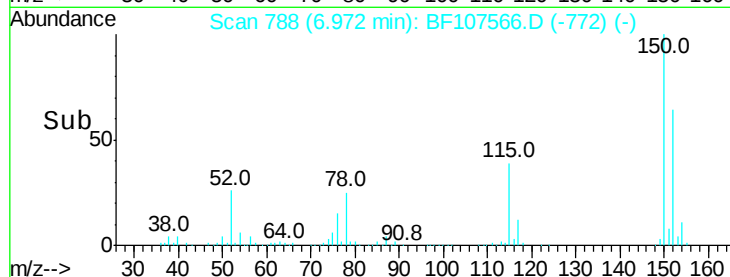
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-B

Tot Ion:152 Resp: 301133
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 60.3 50.1 75.1



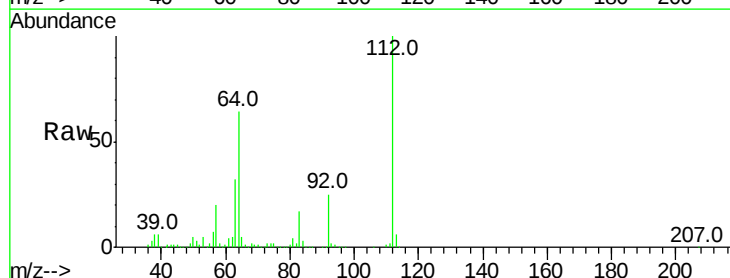
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



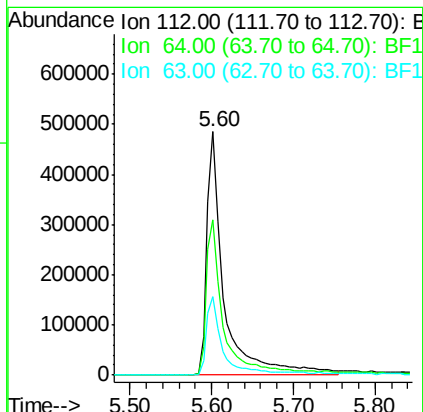
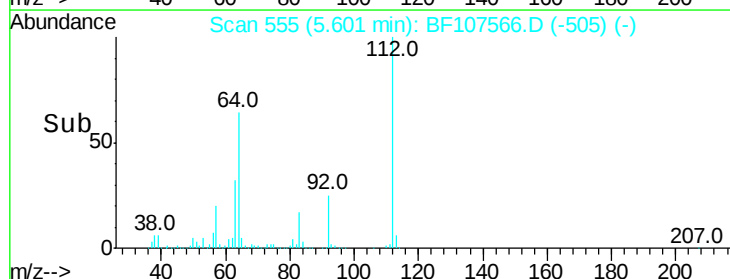
#5

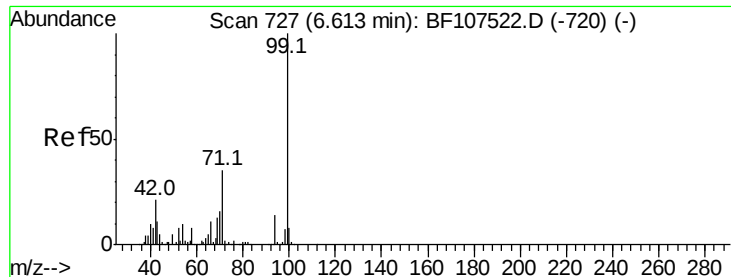
2-Fluorophenol
 Concen: 38.131 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

Tgt Ion:112 Resp: 714176
 Ion Ratio Lower Upper
 112 100
 64 63.9 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: 27.188 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-B

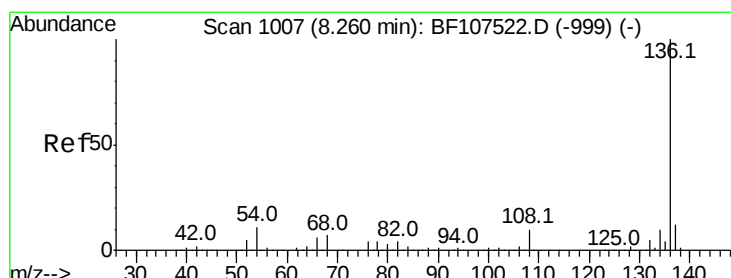
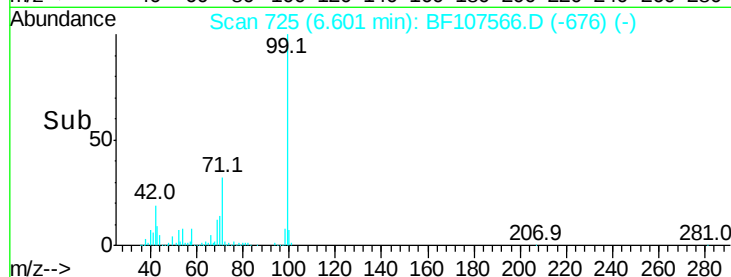
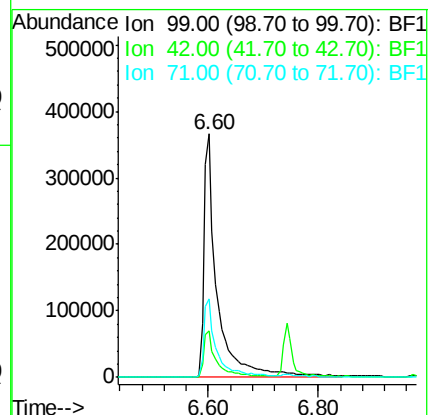
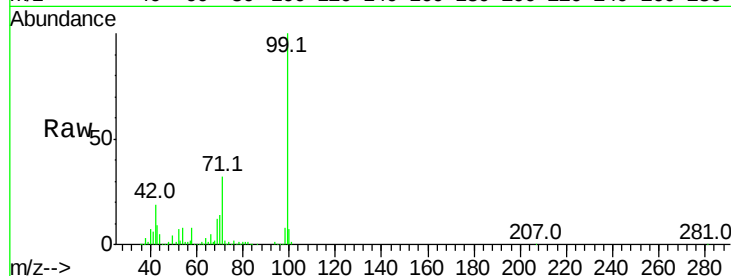
Tot Ion: 99 Resp: 611436

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Tgt Ion: 136 Resp: 1053011

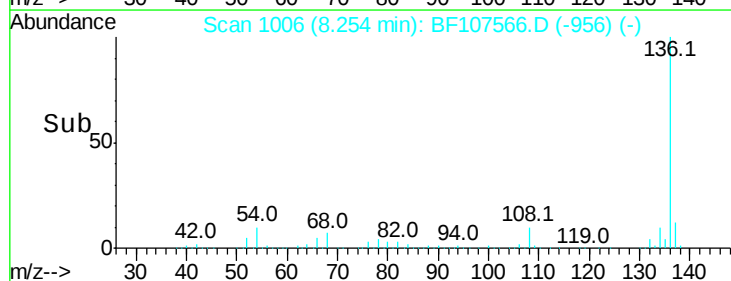
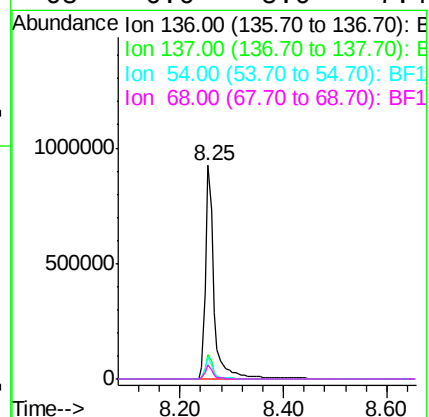
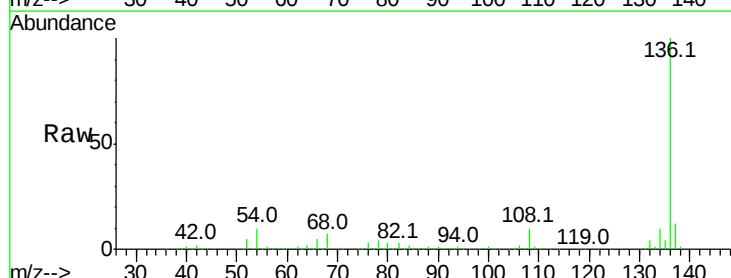
Ion Ratio Lower Upper

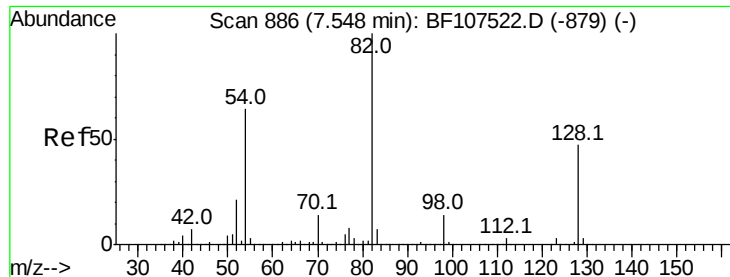
136 100

137 11.6 8.9 13.3

54 10.5 6.6 9.8#

68 6.6 5.0 7.4



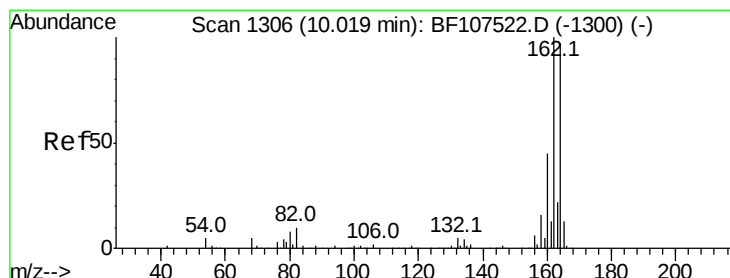
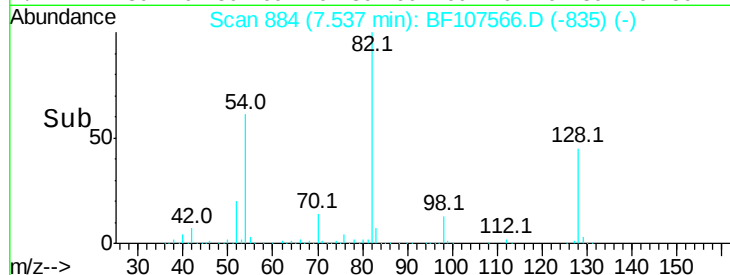
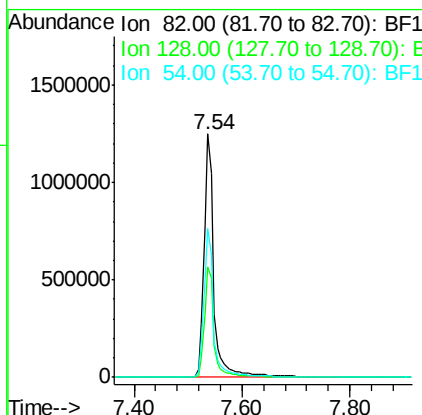
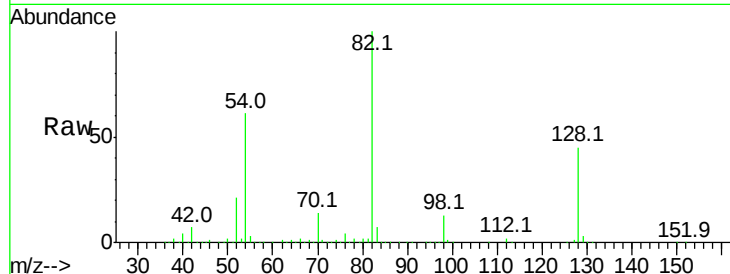


#23
 Nitrobenzene-d5
 Concen: 101.140 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-B

Tot Ion: 82 Resp: 1578095

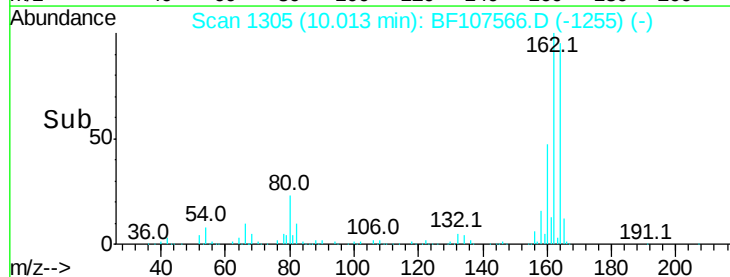
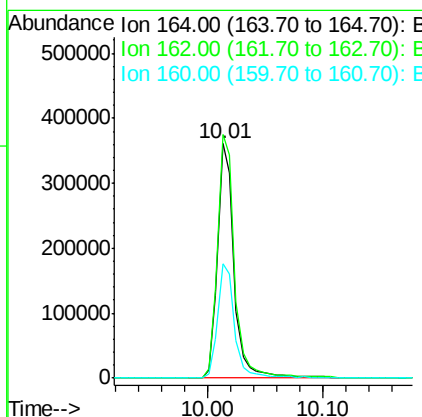
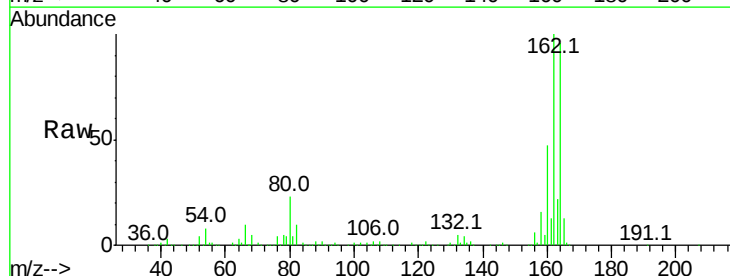
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	61.1	41.4	62.2

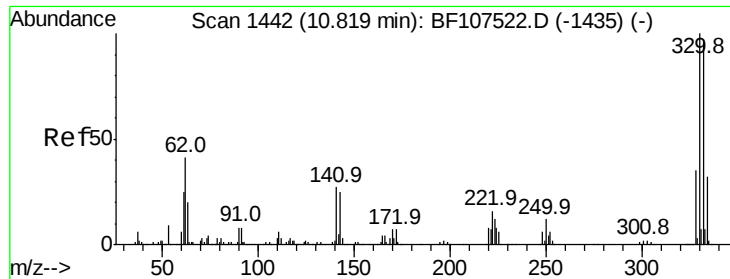


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

Tgt Ion:164 Resp: 360838

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	48.9	38.3	57.5

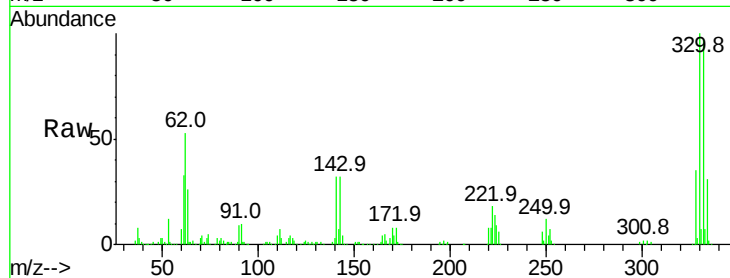




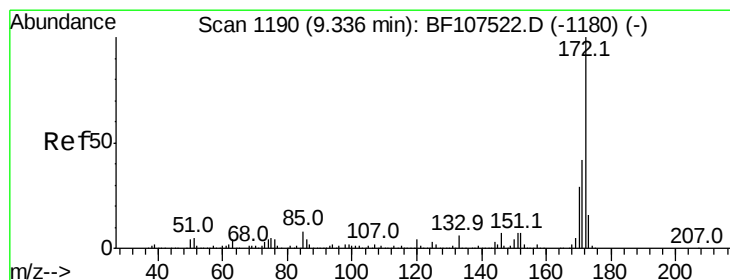
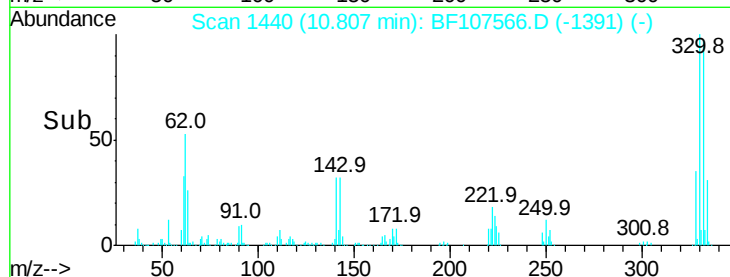
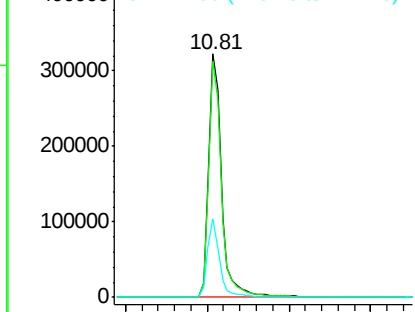
#41
 2,4,6-Tribromophenol
 Concen: 85.916 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-B

Tot Ion:330 Resp: 352538
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 30.7 29.9 44.9

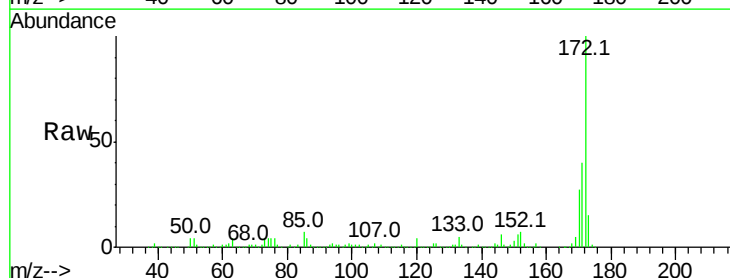


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

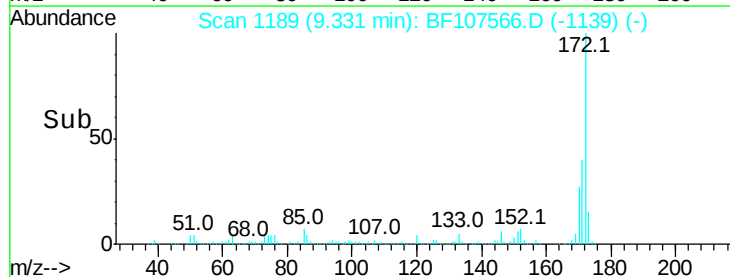
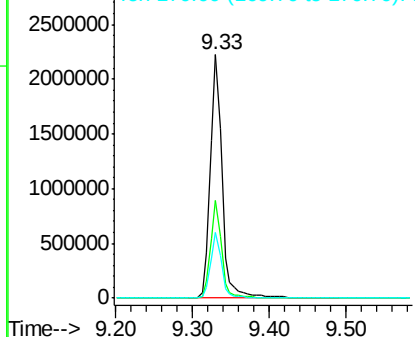


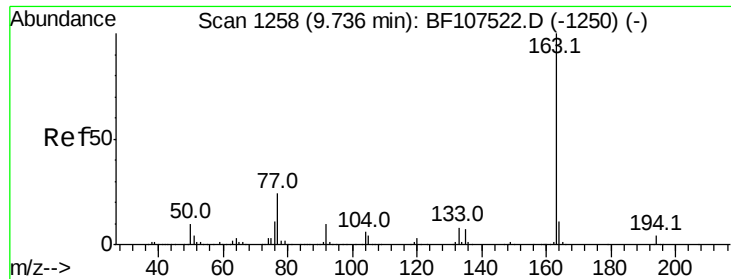
#44
 2-Fluorobiphenyl
 Concen: 128.759 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

Tgt Ion:172 Resp: 2361092
 Ion Ratio Lower Upper
 172 100
 171 39.9 29.7 44.5
 170 27.2 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

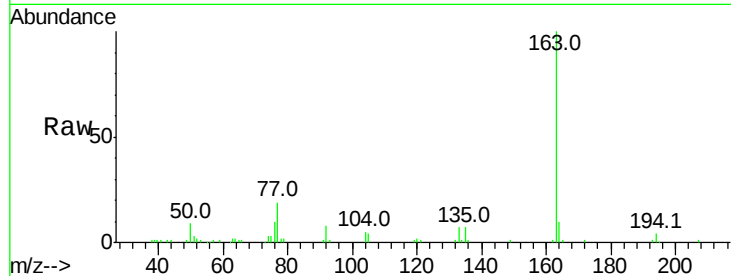




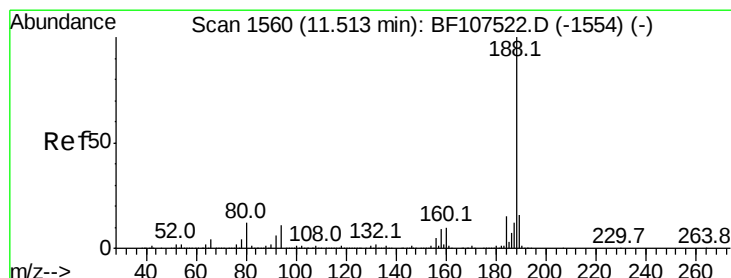
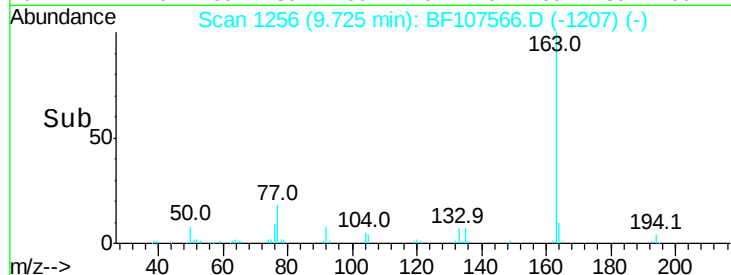
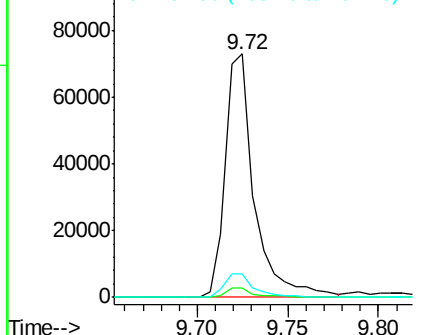
#49
Dimethylphthalate
Concen: 2.998 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

Instrument :
BNA_F
ClientSampleId :
071718-TIPC-F-U-B

Tot Ion:163 Resp: 81540
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2

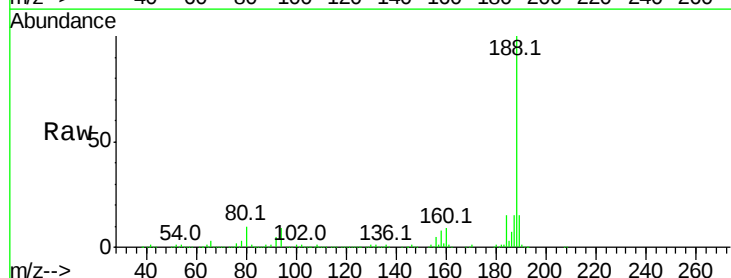


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

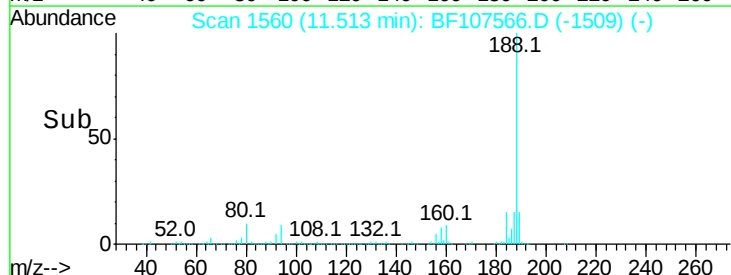
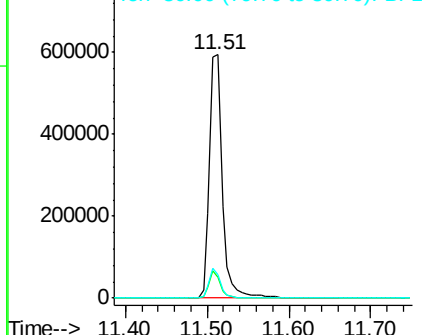


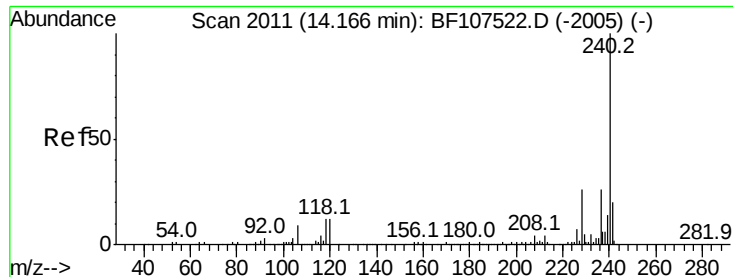
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

Tgt Ion:188 Resp: 646485
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Instrument :

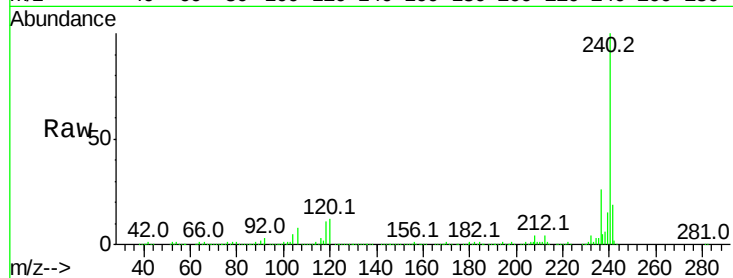
BNA_F

ClientSampleId :

071718-TIPC-F-U-B

Tot Ion:240 Resp: 711346

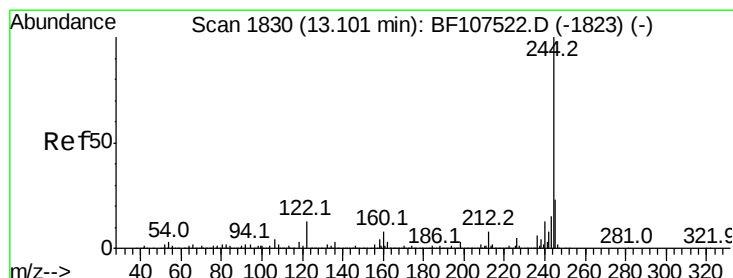
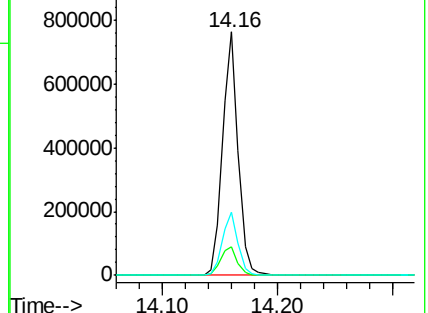
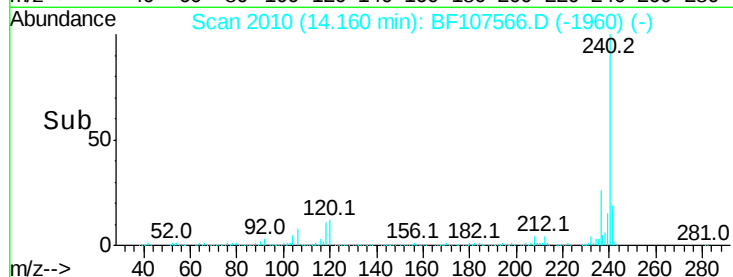
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.0	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 76.588 ng

RT: 13.10 min Scan# 1829

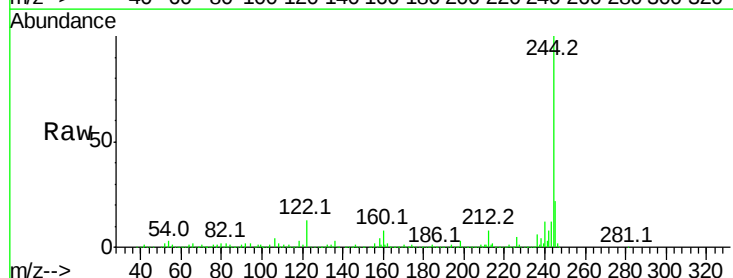
Delta R.T. -0.00 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Tgt Ion:244 Resp: 2128080

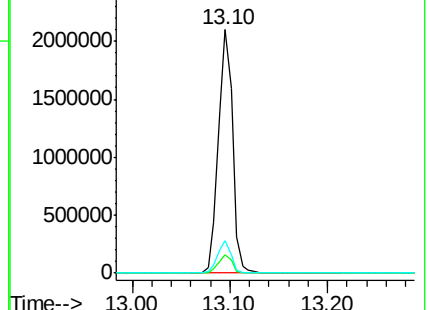
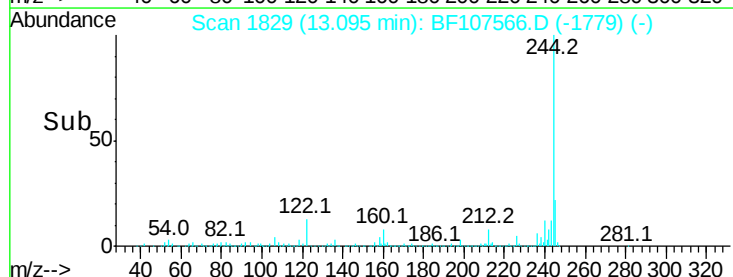
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	13.2	11.0	16.4

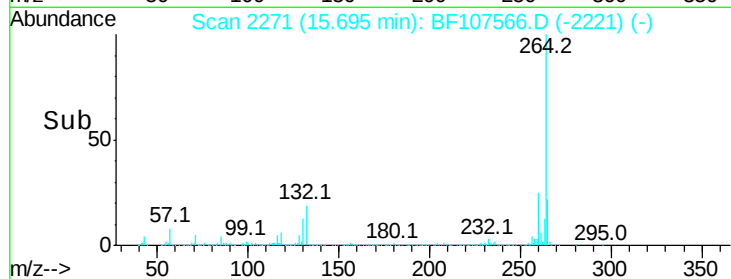
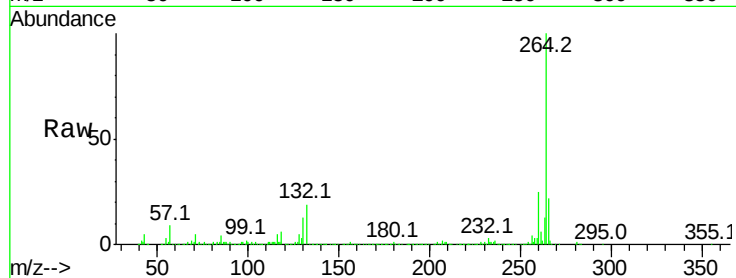
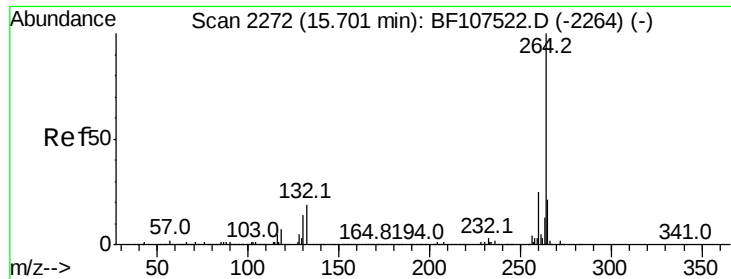


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-B

Tot Ion:264 Resp: 577572

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.2 17.5 26.3

