

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107575.D
 Acq On : 21 Jul 2018 14:41
 Operator : JU/SJ
 Sample : J4094-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071818-TIPC-E-U-M

Quant Time: Jul 23 05:04:17 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	315099	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1178136	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	451074	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	767825	20.00	ng	0.00
75) Chrysene-d12	14.16	240	691470	20.00	ng	0.00
86) Perylene-d12	15.69	264	562480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	701295	35.78	ng	0.00
7) Phenol-d6	6.60	99	601928	25.58	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1661476	95.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	392274	76.48	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2678022	110.09	ng	0.00
78) Terphenyl-d14	13.10	244	1967935	72.86	ng	0.00

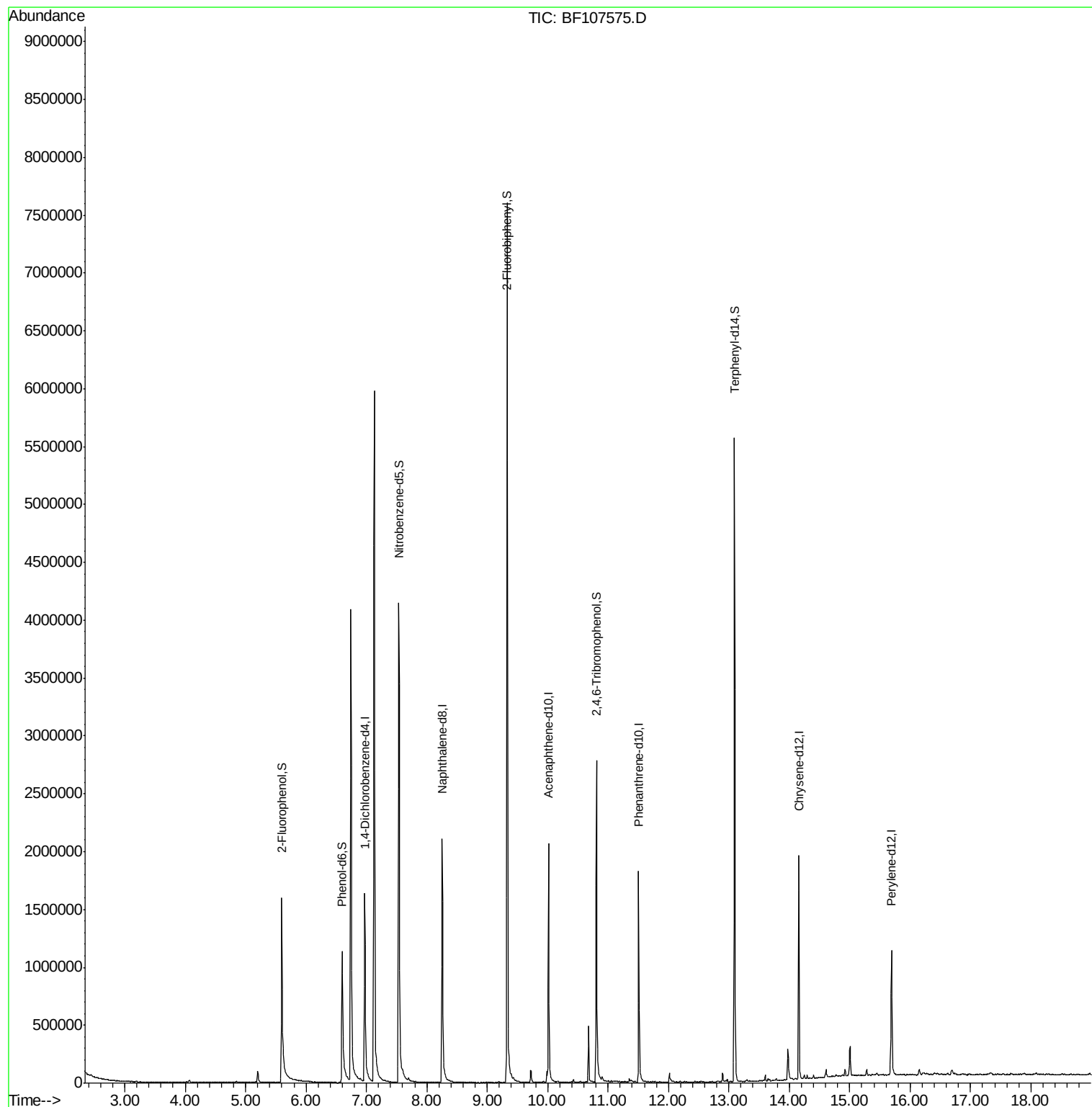
Target Compounds Qvalue

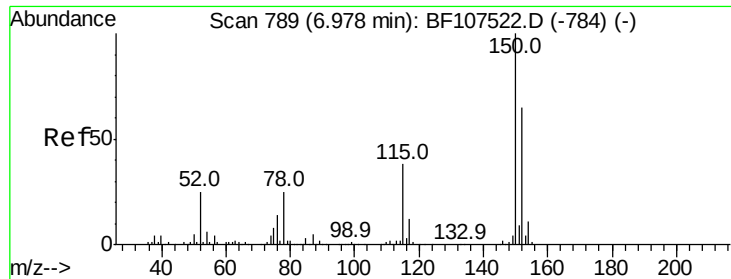
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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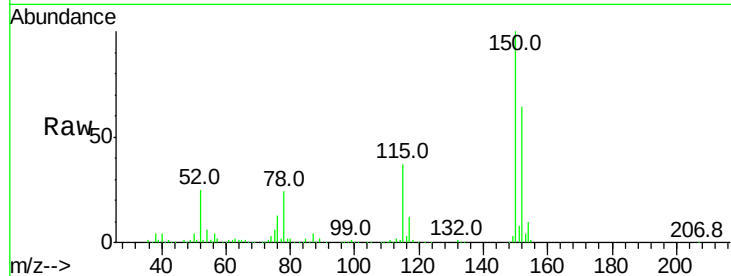


#1

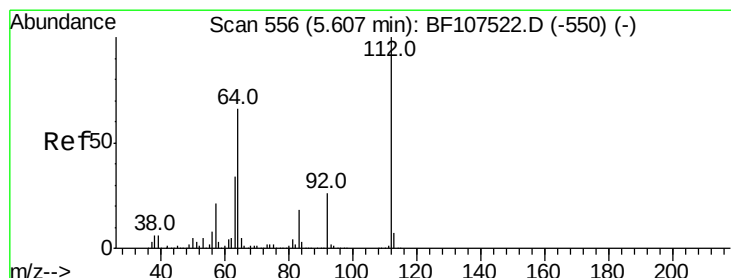
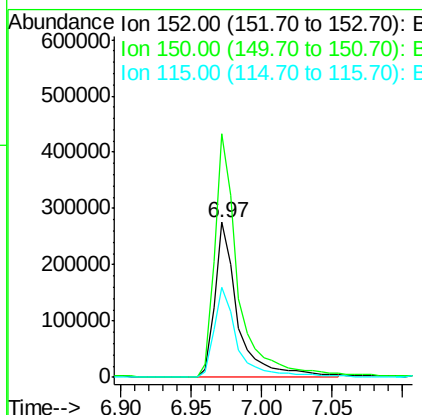
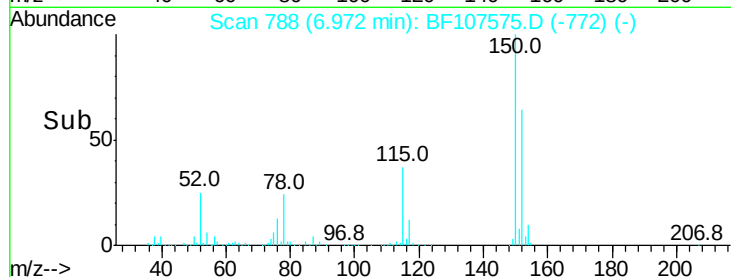
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107575.D
Acq: 21 Jul 2018 14:41

Instrument :
BNA_F
ClientSampleId :
071818-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	58.5	50.1	75.1



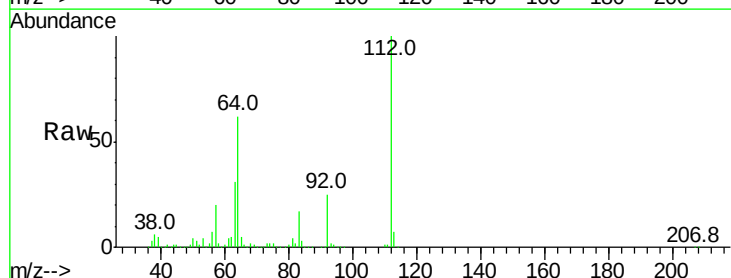
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



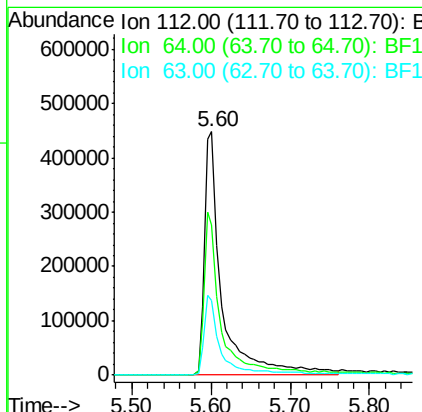
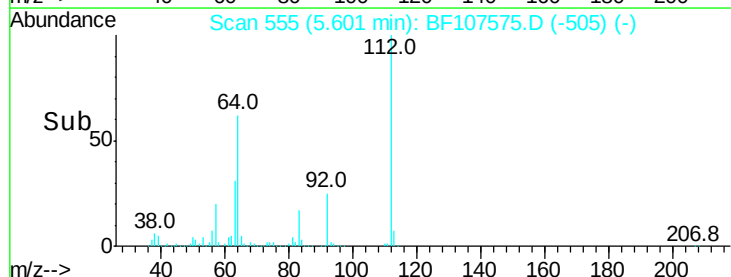
#5

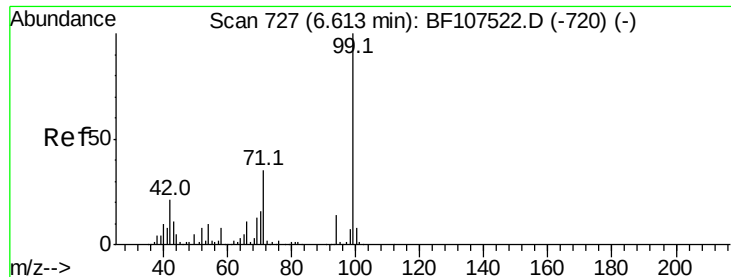
2-Fluorophenol
Concen: 35.784 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107575.D
Acq: 21 Jul 2018 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	30.8	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: 25.579 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107575.D

Acq: 21 Jul 2018 14:41

Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-U-M

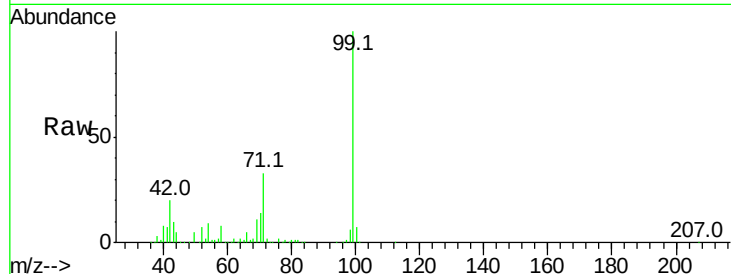
Tot Ion: 99 Resp: 601928

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

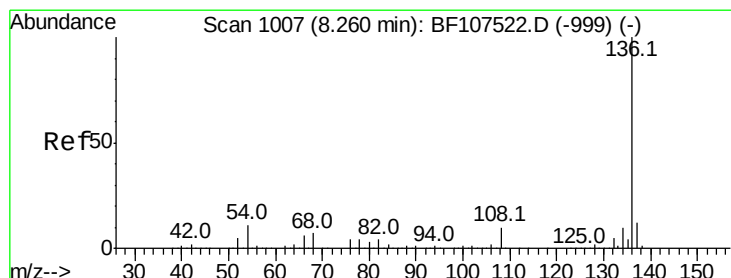
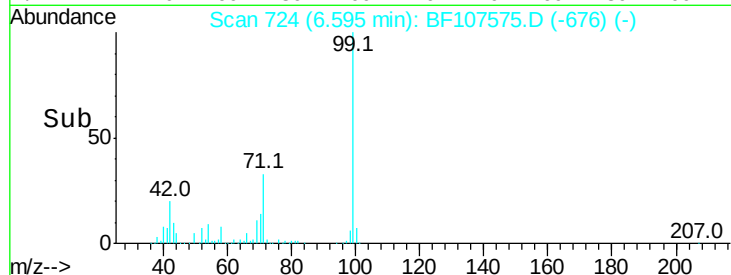
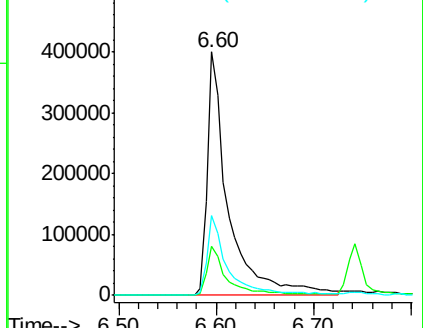
71 32.9 25.4 38.0



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: BF107575.D

Acq: 21 Jul 2018 14:41

Tgt Ion: 136 Resp: 1178136

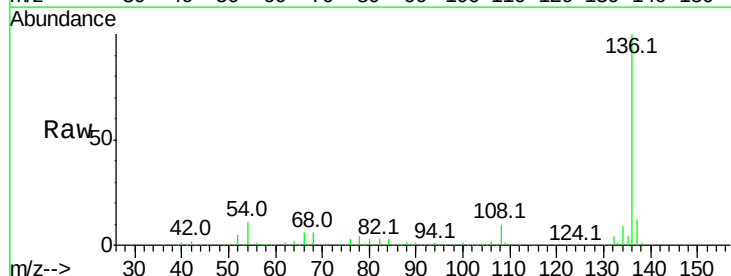
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.6 6.6 9.8#

68 6.3 5.0 7.4

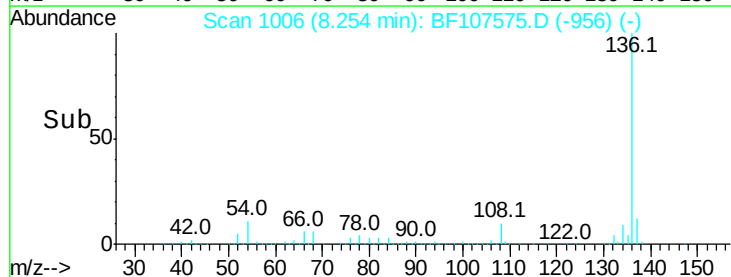
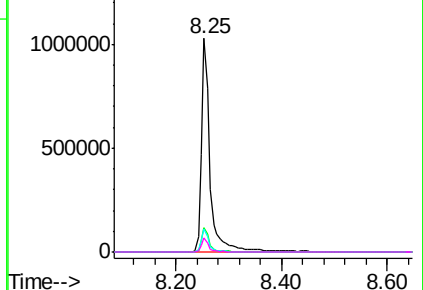


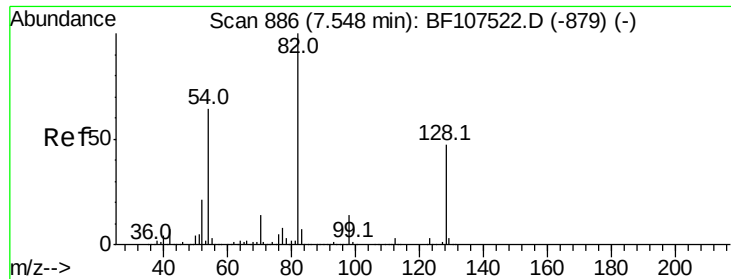
Abundance Ion 136.00 (135.70 to 136.70): E

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

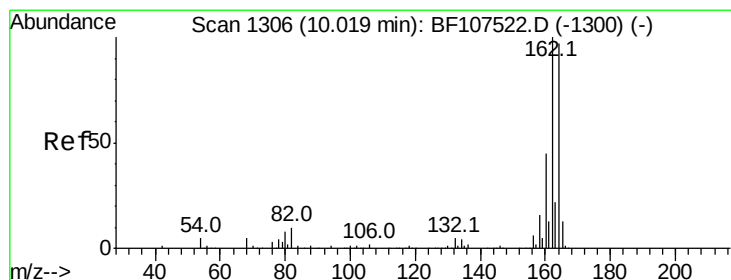
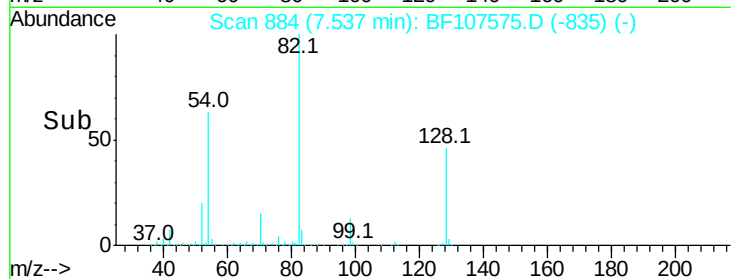
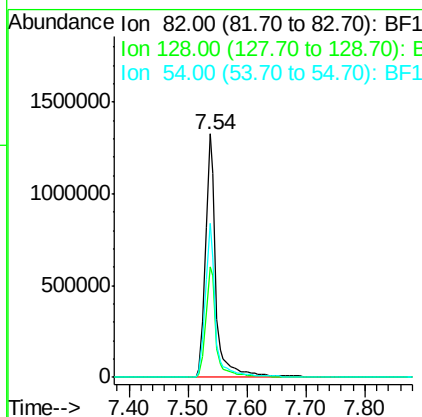
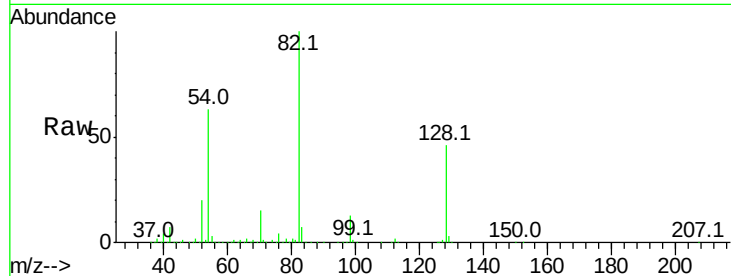




#23
 Nitrobenzene-d5
 Concen: 95.175 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107575.D
 Acq: 21 Jul 2018 14:41

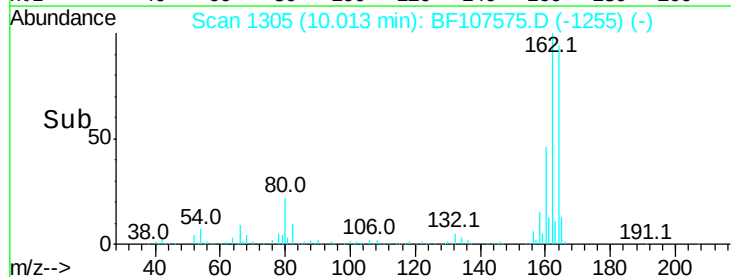
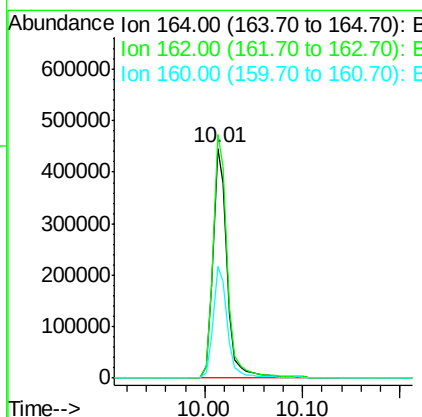
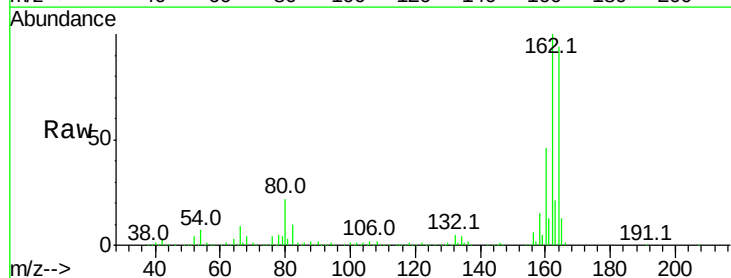
Instrument :
 BNA_F
 ClientSampleId :
 071818-TIPC-E-U-M

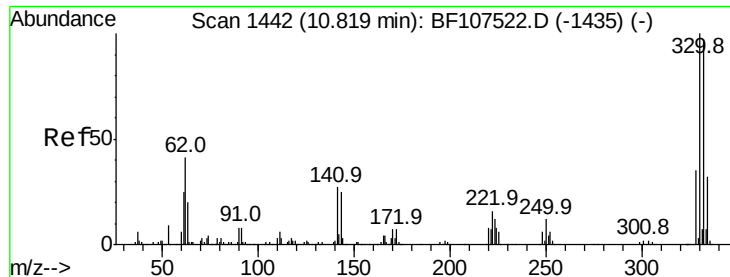
Tot Ion: 82 Resp: 1661476
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 63.1 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107575.D
 Acq: 21 Jul 2018 14:41

Tgt Ion:164 Resp: 451074
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 48.7 38.3 57.5

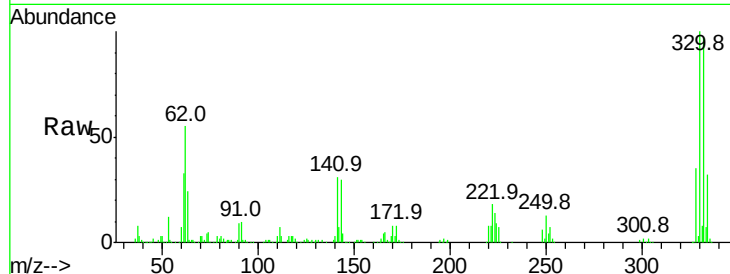




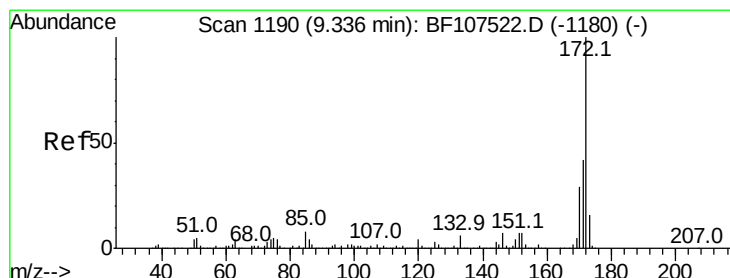
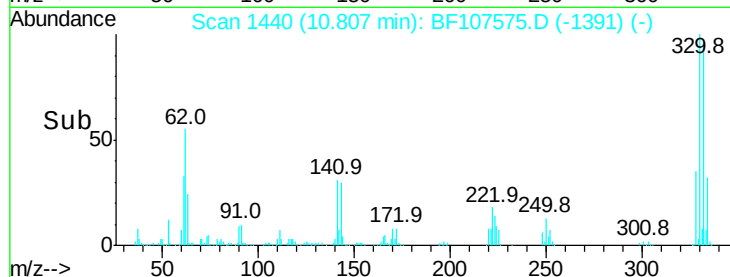
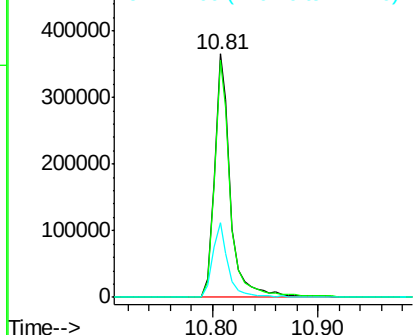
#41
 2,4,6-Tribromophenol
 Concen: 76.475 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107575.D
 Acq: 21 Jul 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 071818-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	30.3	29.9	44.9

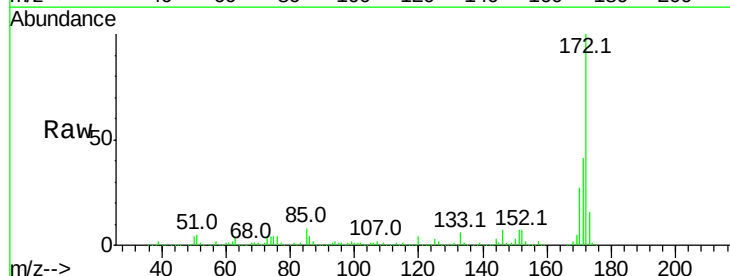


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

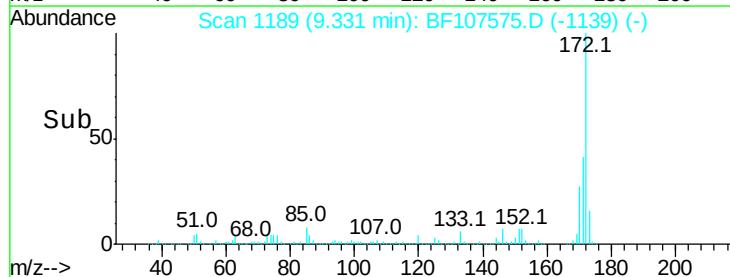
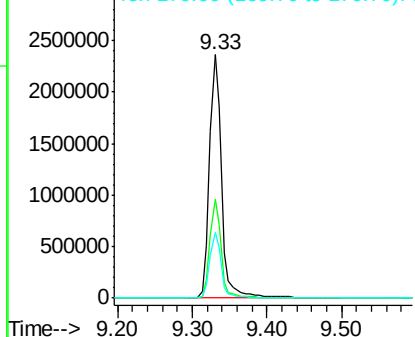


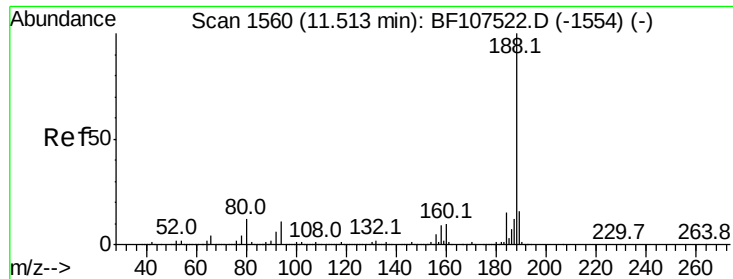
#44
 2-Fluorobiphenyl
 Concen: 110.093 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107575.D
 Acq: 21 Jul 2018 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107575.D

Acq: 21 Jul 2018 14:41

Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-U-M

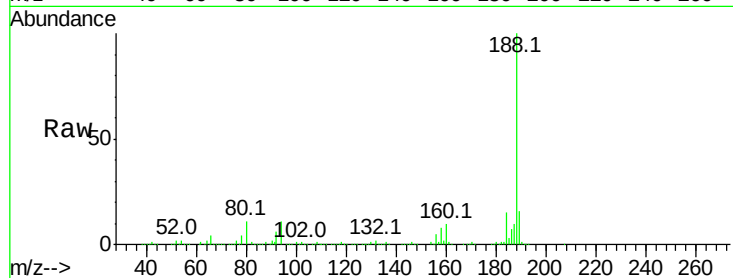
Tot Ion:188 Resp: 767825

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

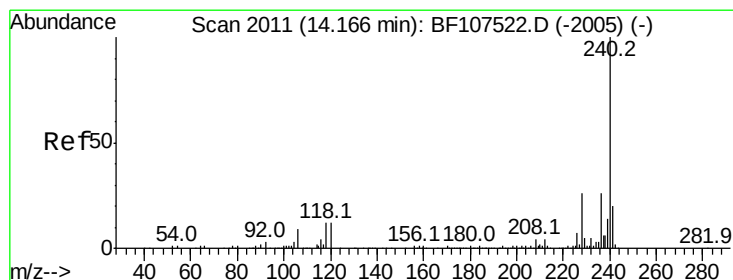
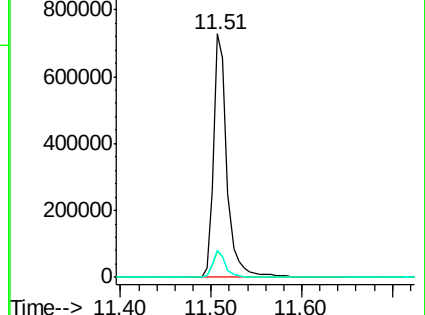
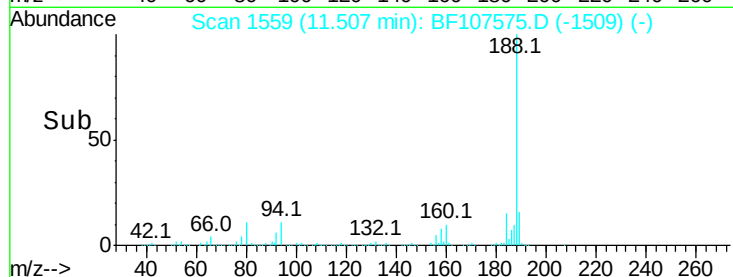
80 11.2 9.2 13.8



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: BF107575.D

Acq: 21 Jul 2018 14:41

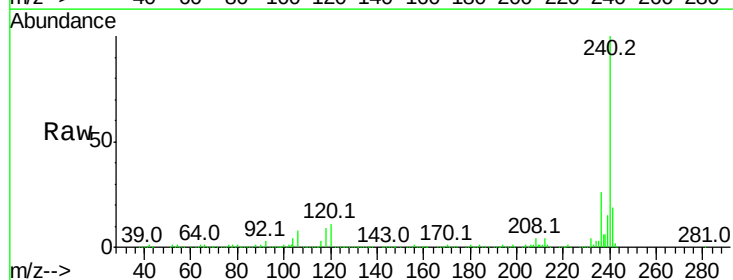
Tgt Ion:240 Resp: 691470

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

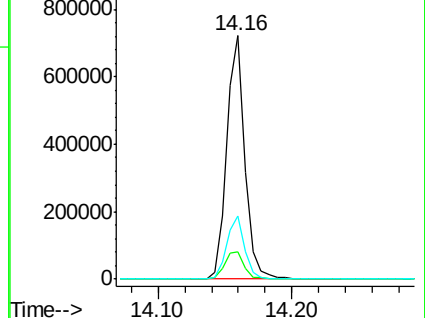
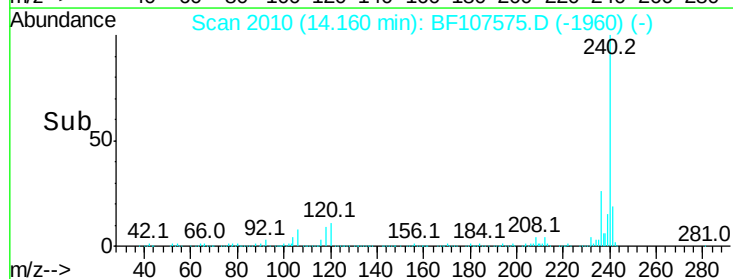
236 25.9 20.7 31.1

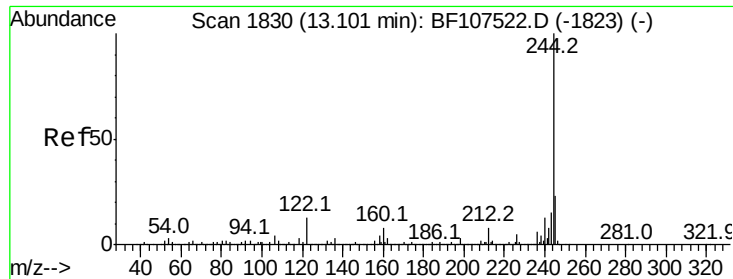


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.861 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107575.D

Acq: 21 Jul 2018 14:41

Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-U-M

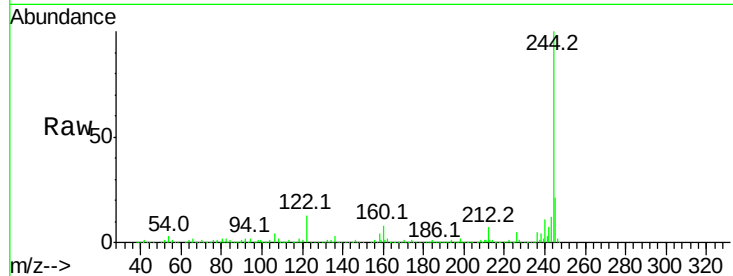
Tot Ion:244 Resp: 1967935

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

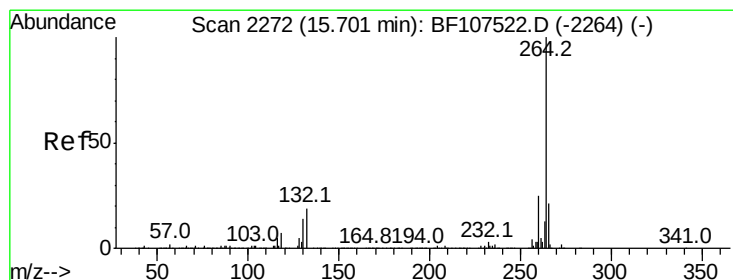
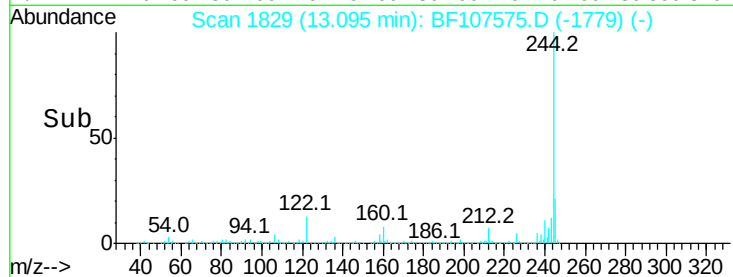
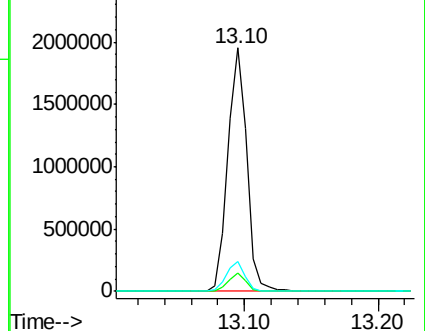
122 12.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107575.D

Acq: 21 Jul 2018 14:41

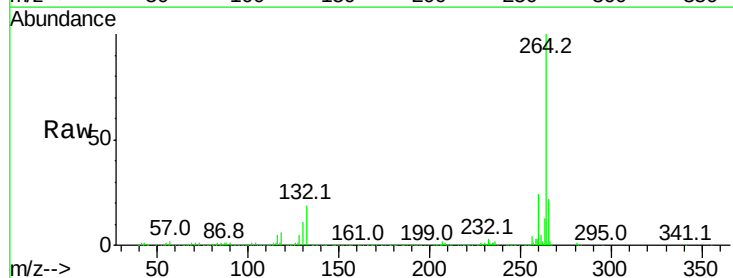
Tgt Ion:264 Resp: 562480

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

