

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107573.D
 Acq On : 21 Jul 2018 13:48
 Operator : JU/SJ
 Sample : J4094-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-U-S

Quant Time: Jul 23 04:56:57 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	328959	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1222382	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	479899	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	825331	20.00	ng	0.00
75) Chrysene-d12	14.16	240	700789	20.00	ng	0.00
86) Perylene-d12	15.70	264	564731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	798206	39.01	ng	0.00
7) Phenol-d6	6.60	99	632811	25.76	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1808316	99.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	446902	81.89	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2915615	114.09	ng	0.00
78) Terphenyl-d14	13.09	244	2069166	75.59	ng	0.00

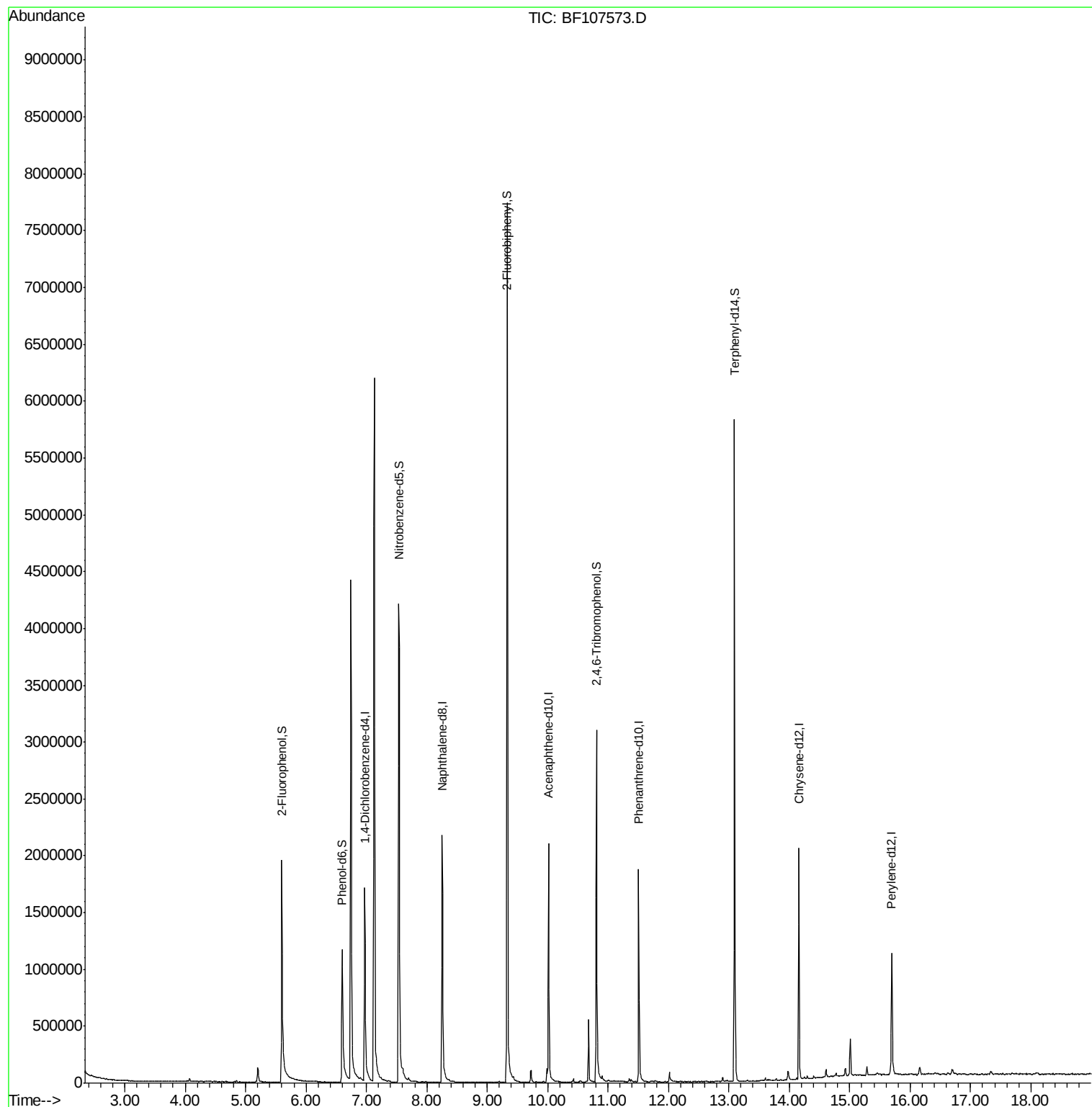
Target Compounds Qvalue

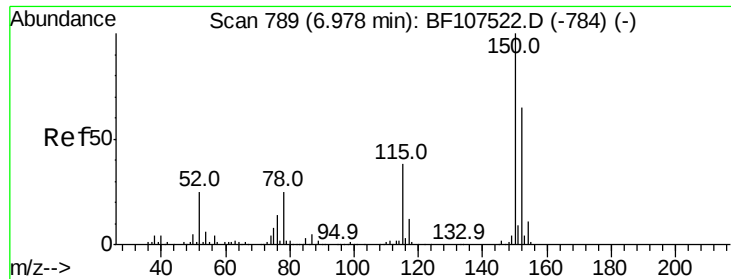
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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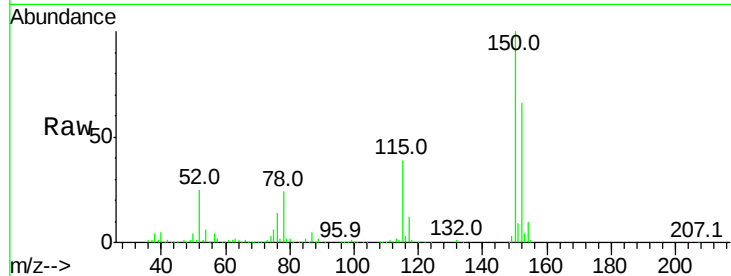


#1

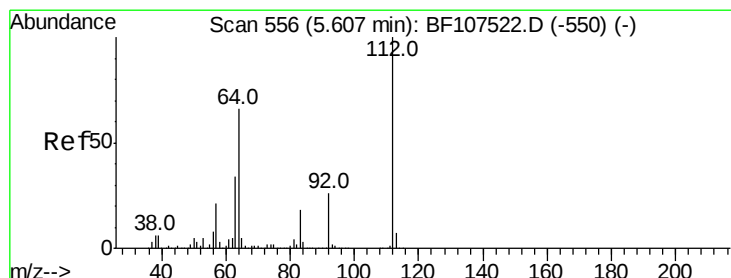
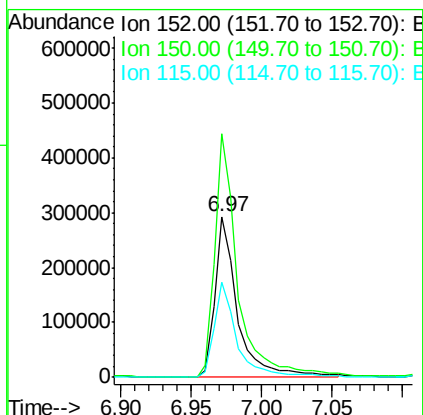
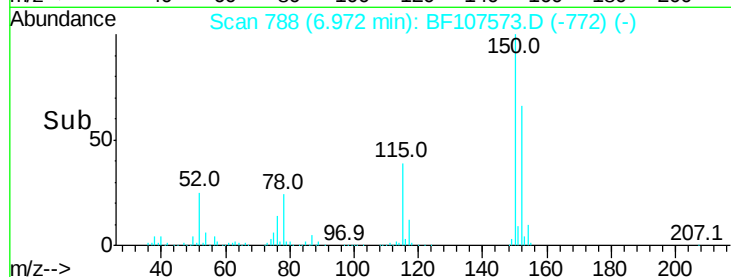
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107573.D
Acq: 21 Jul 2018 13:48

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-U-S

Tot Ion:152 Resp: 328959
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 59.1 50.1 75.1



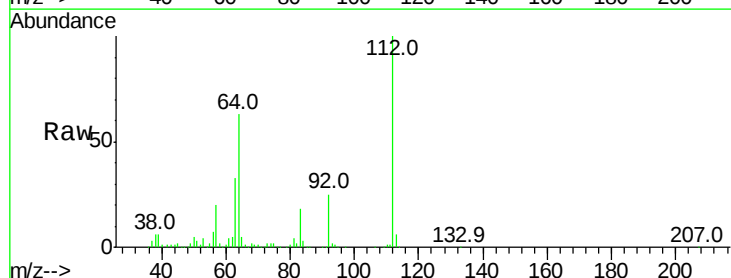
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



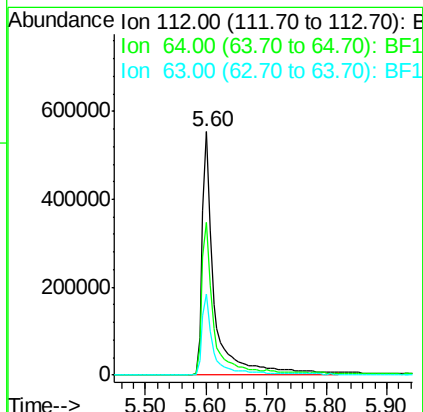
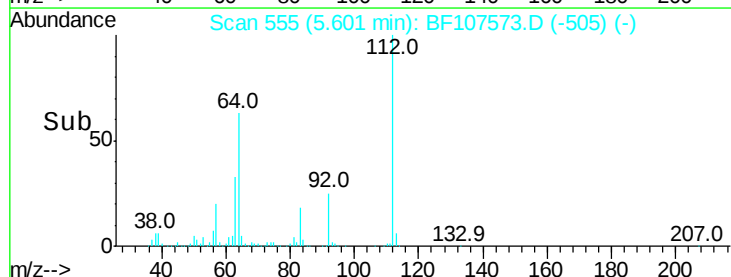
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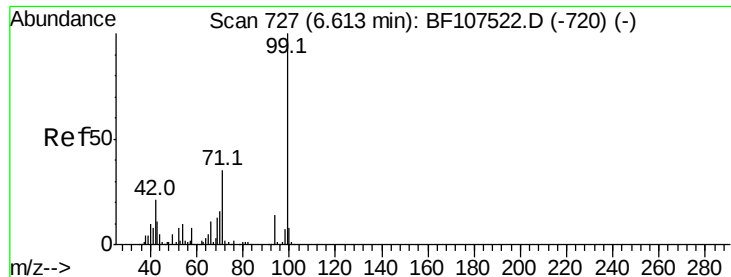
2-Fluorophenol
Concen: 39.013 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107573.D
Acq: 21 Jul 2018 13:48

Tgt Ion:112 Resp: 798206
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 33.2 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: 25.758 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107573.D

Acq: 21 Jul 2018 13:48

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-S

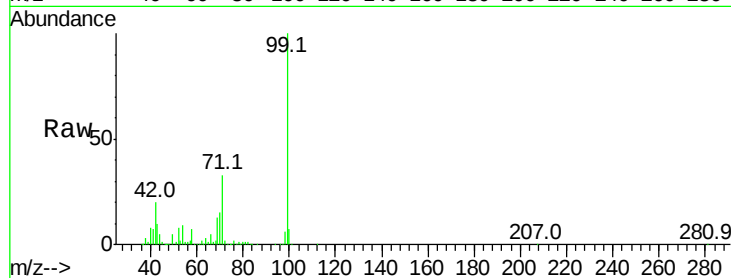
Tot Ion: 99 Resp: 632811

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

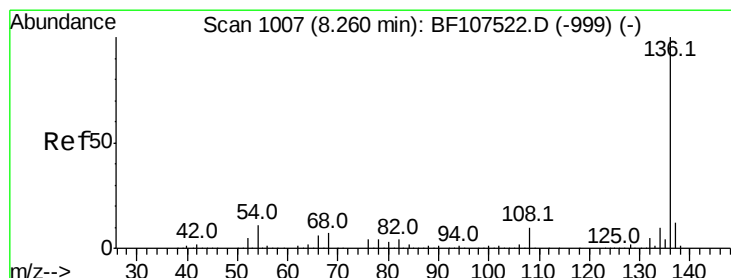
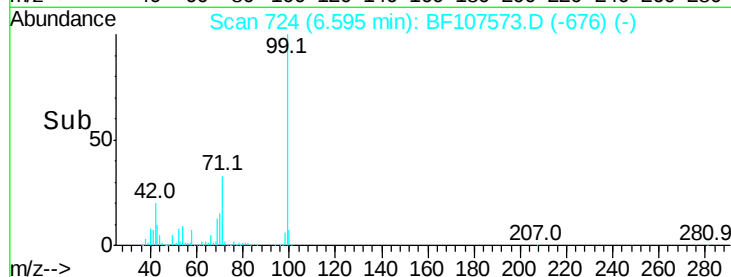
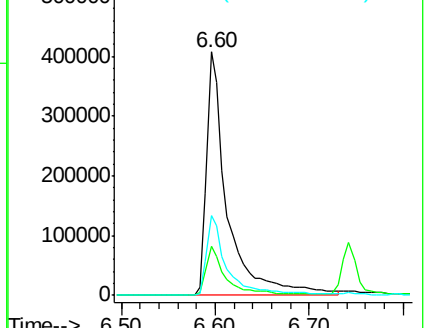
71 32.8 25.4 38.0



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: BF107573.D

Acq: 21 Jul 2018 13:48

Tgt Ion: 136 Resp: 1222382

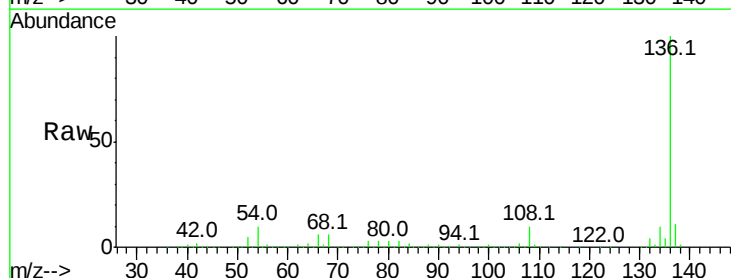
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.1 6.6 9.8#

68 6.4 5.0 7.4

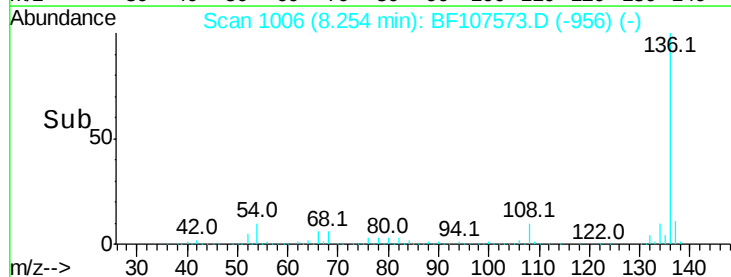
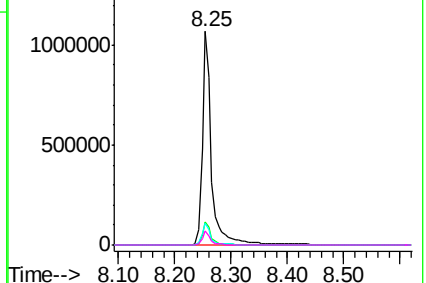


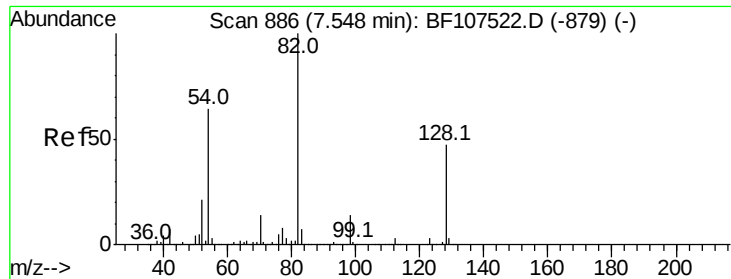
Abundance Ion 136.00 (135.70 to 136.70): E

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

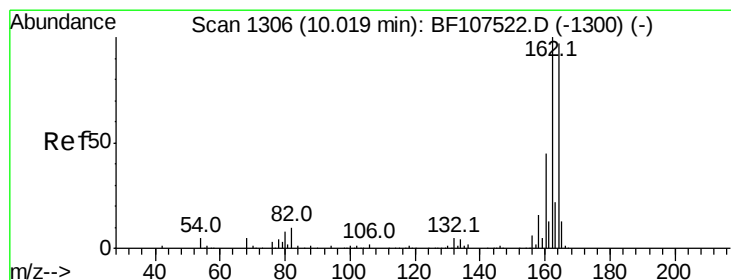
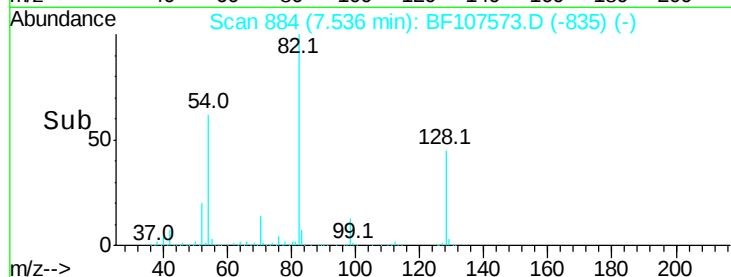
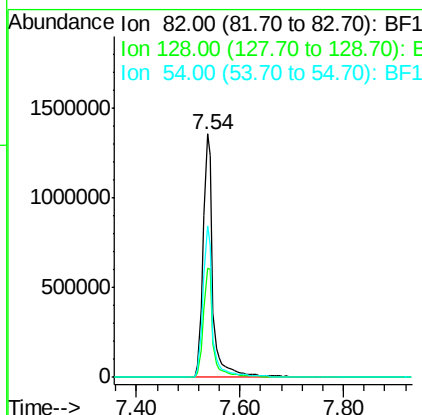
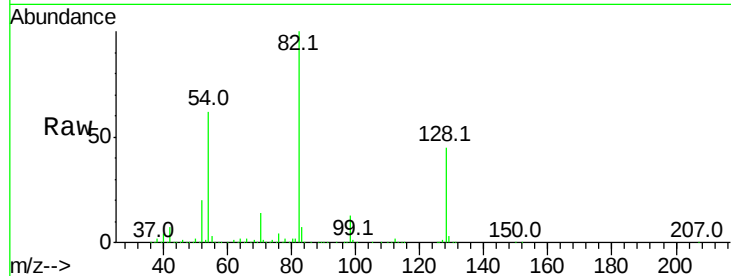




#23
Nitrobenzene-d5
Concen: 99.837 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107573.D
Acq: 21 Jul 2018 13:48

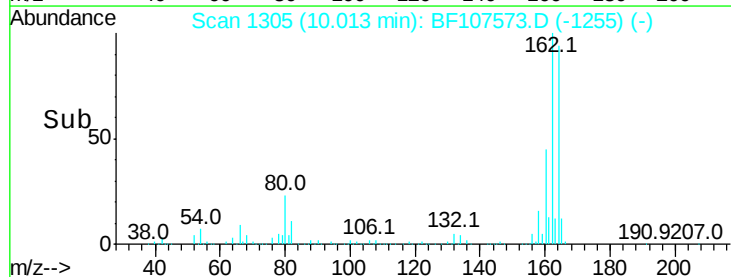
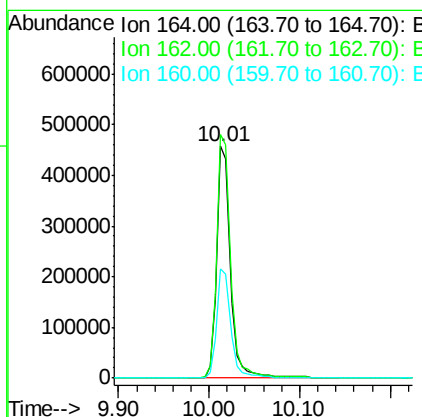
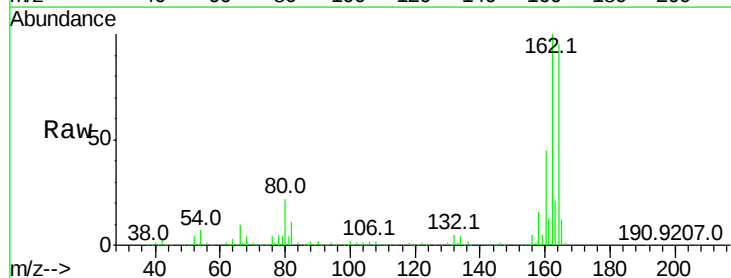
Instrument :
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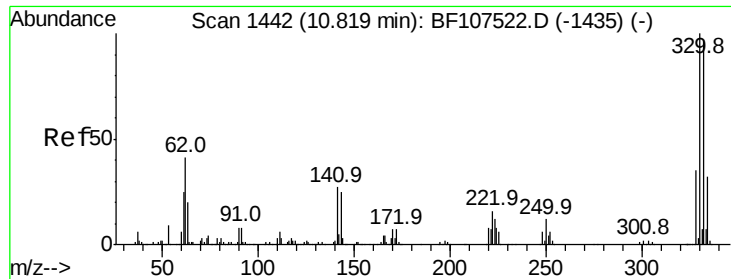
Tot Ion: 82 Resp: 1808316
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 62.2 41.4 62.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107573.D
Acq: 21 Jul 2018 13:48

Tgt Ion:164 Resp: 479899
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 47.0 38.3 57.5

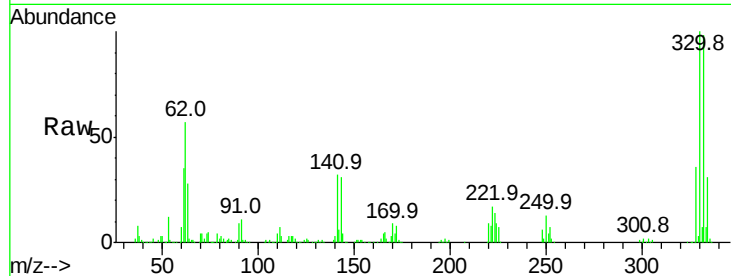




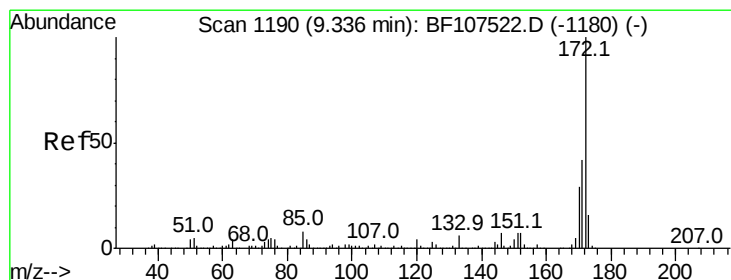
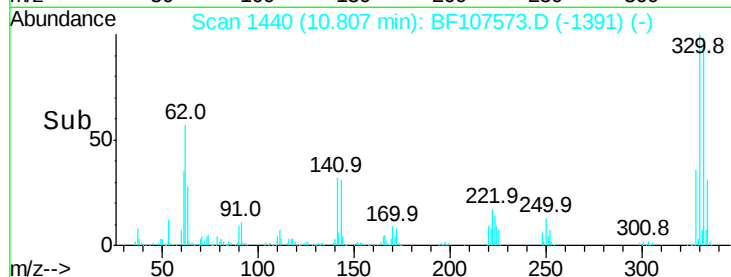
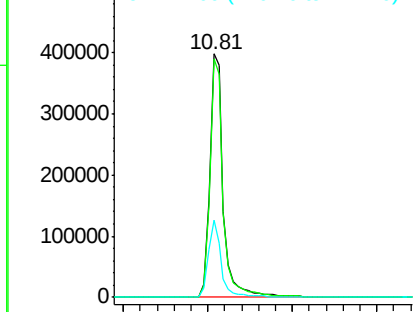
#41
 2,4,6-Tribromophenol
 Concen: 81.892 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107573.D
 Acq: 21 Jul 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-U-S

Tot Ion:330 Resp: 446902
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 30.1 29.9 44.9

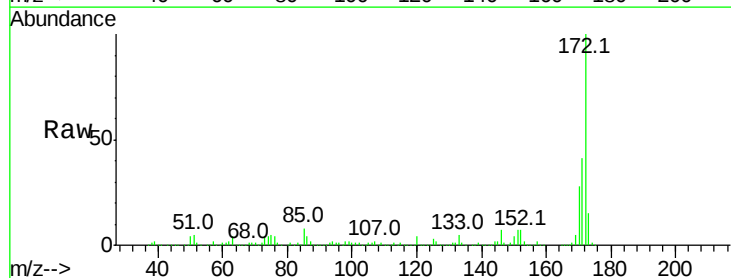


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

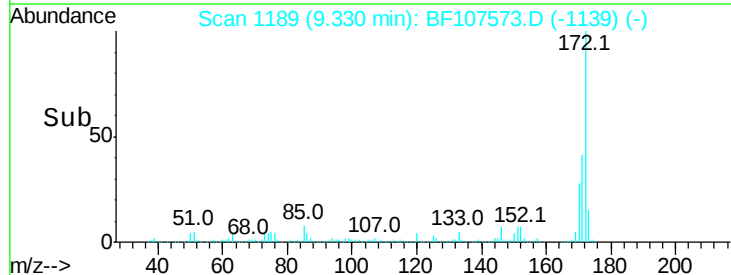
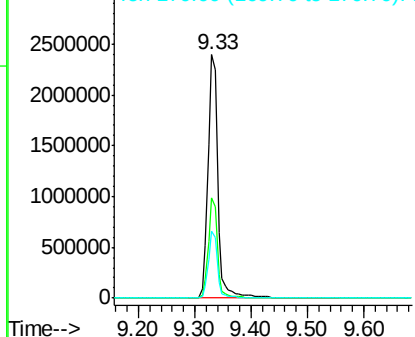


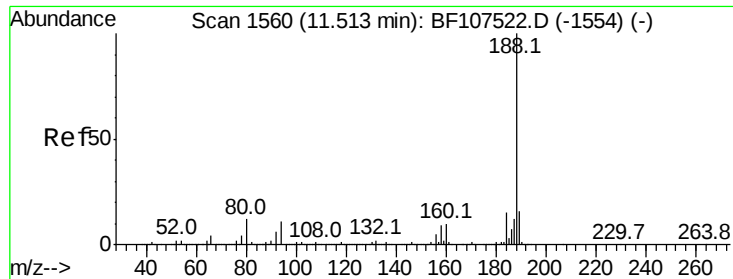
#44
 2-Fluorobiphenyl
 Concen: 114.095 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107573.D
 Acq: 21 Jul 2018 13:48

Tgt Ion:172 Resp: 2915615
 Ion Ratio Lower Upper
 172 100
 171 40.9 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

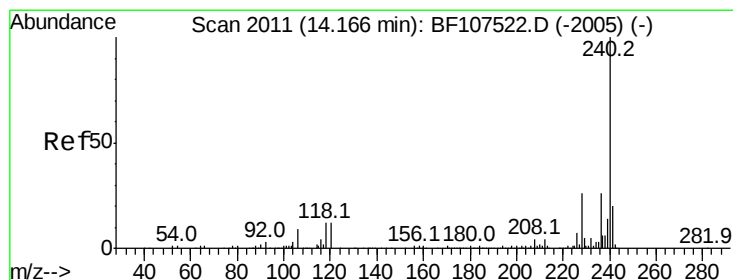
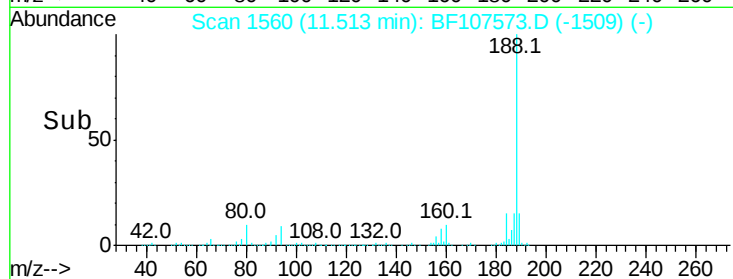
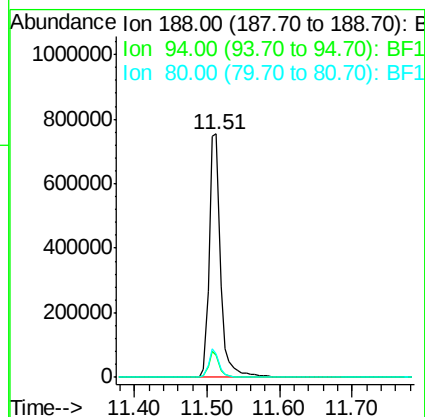
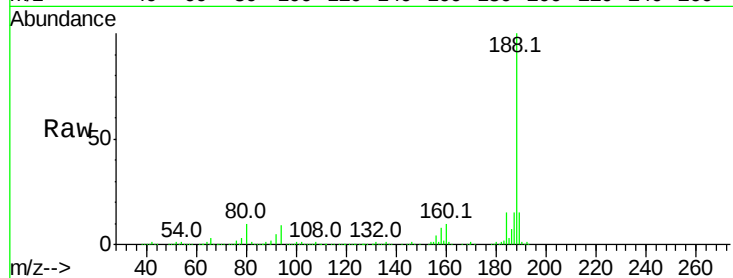




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107573.D
Acq: 21 Jul 2018 13:48

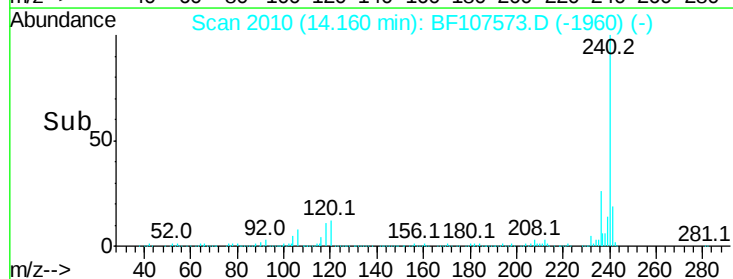
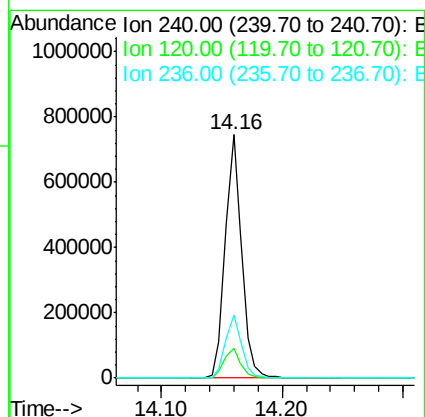
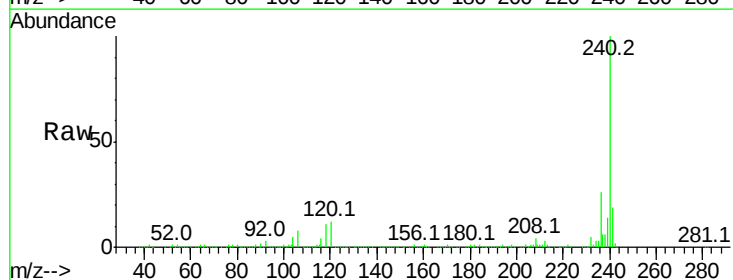
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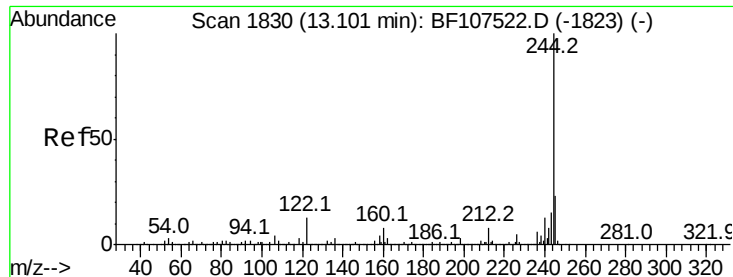
Tot Ion:188 Resp: 825331
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107573.D
Acq: 21 Jul 2018 13:48

Tgt Ion:240 Resp: 700789
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.9 20.7 31.1



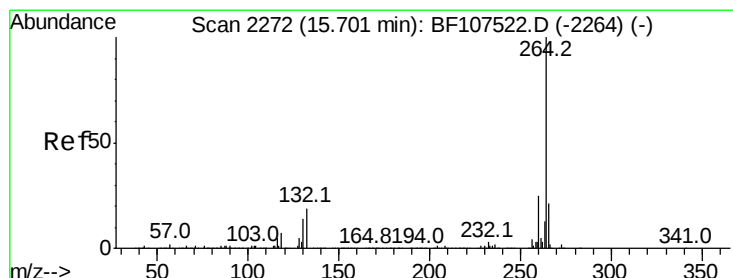
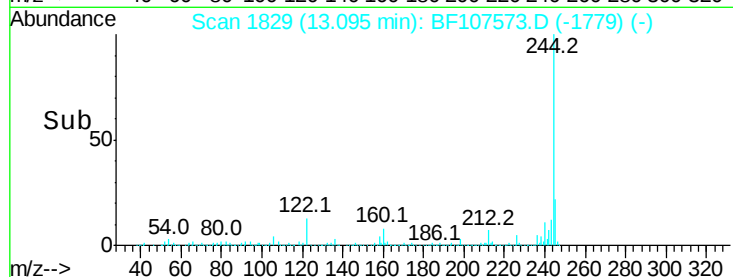
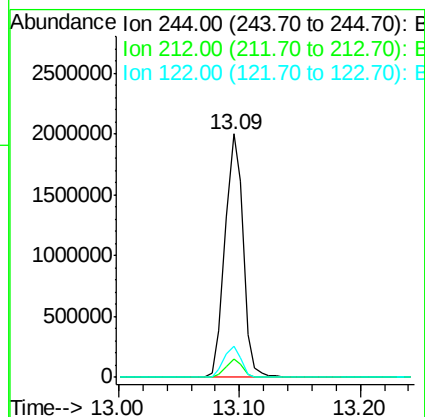
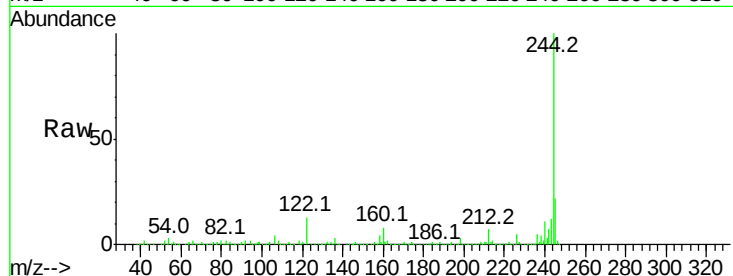


#78
 Terphenyl-d14
 Concen: 75.590 ng
 RT: 13.09 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF107573.D
 Acq: 21 Jul 2018 13:48

Instrument :
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 ClientSampleId :
 071818-DBRI-E-U-S

Tot Ion:244 Resp: 2069166

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.9	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF107573.D
 Acq: 21 Jul 2018 13:48

Tgt Ion:264 Resp: 564731

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.4	17.5	26.3

