

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107788.D
 Acq On : 28 Jul 2018 10:56
 Operator : JU/SJ
 Sample : J4199-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-25-18

Quant Time: Jul 30 04:00:03 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	158035	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	584830	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	242645	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	430905	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	452599	20.00	ng	-0.02
86) Perylene-d12	15.68	264	361977	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	480616	48.90	ng	-0.01
7) Phenol-d6	6.60	99	411576	34.87	ng	-0.01
23) Nitrobenzene-d5	7.53	82	957143	110.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	371417	134.61	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1752732	154.91	ng	-0.02
78) Terphenyl-d14	13.08	244	1584645	89.63	ng	-0.02

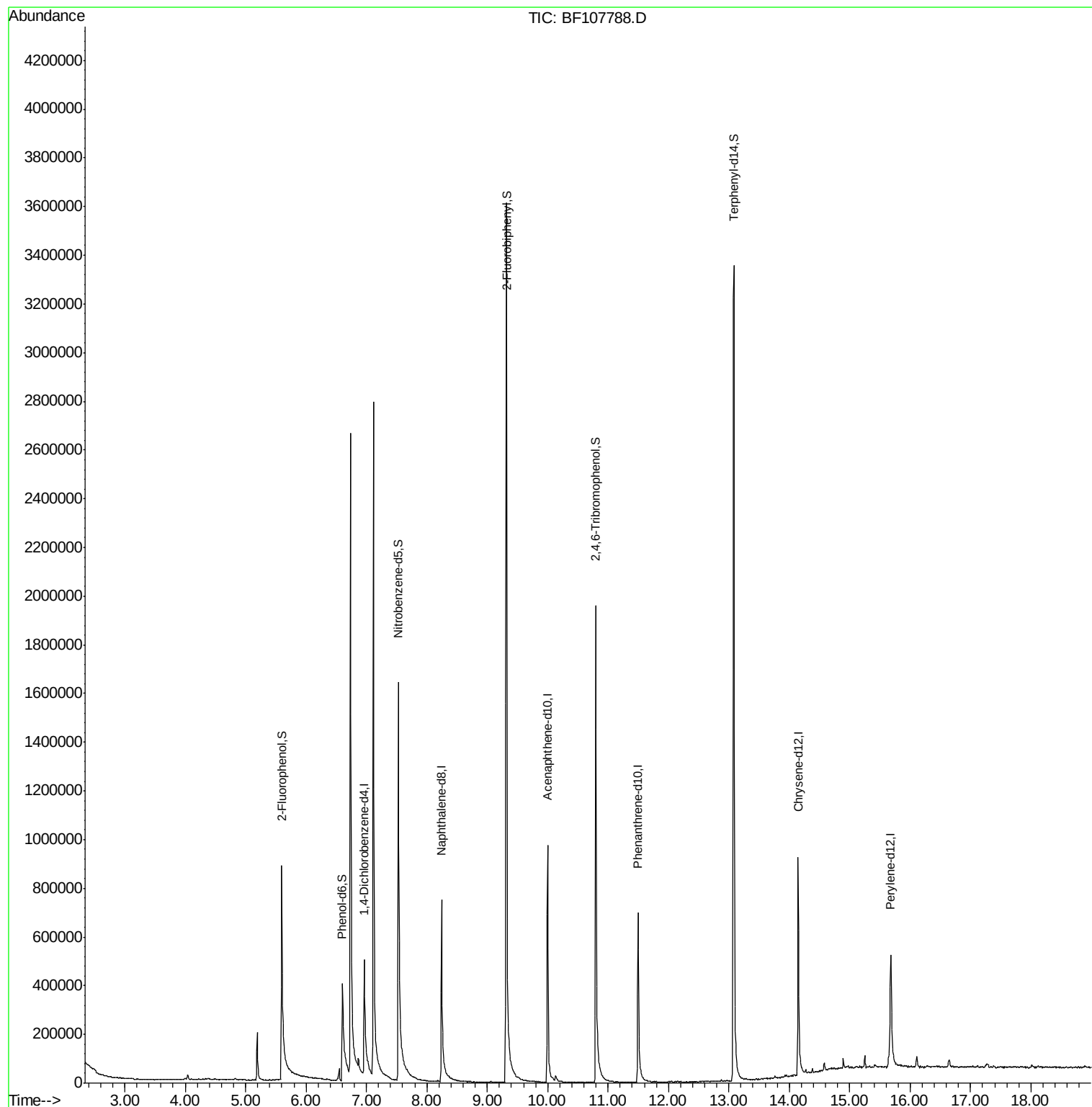
Target Compounds Qvalue

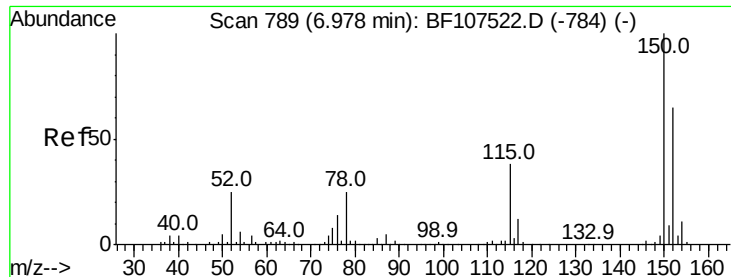
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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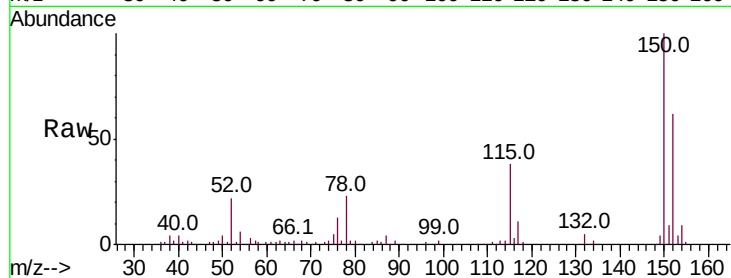


#1

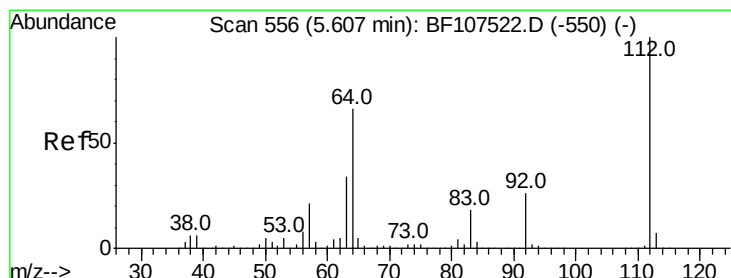
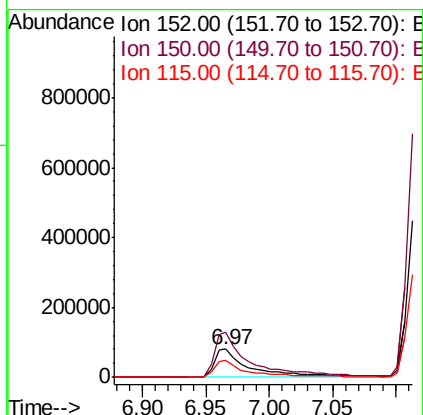
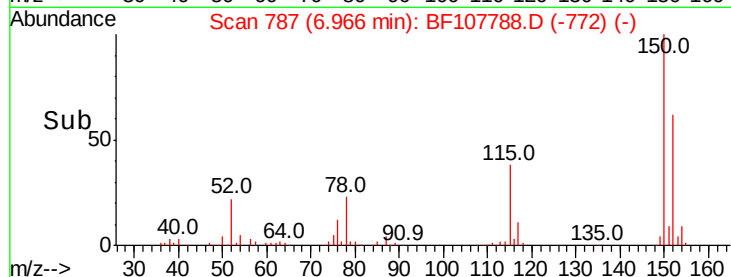
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-25-18

Tot Ion:152 Resp: 158035
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 60.4 50.1 75.1



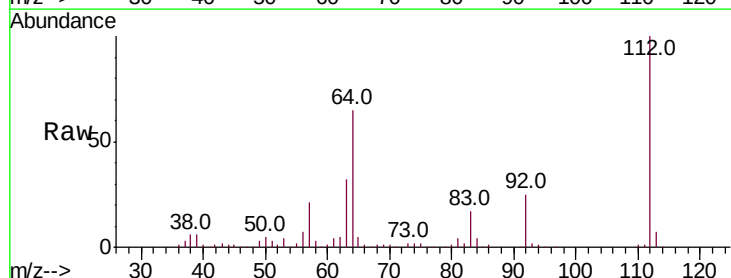
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



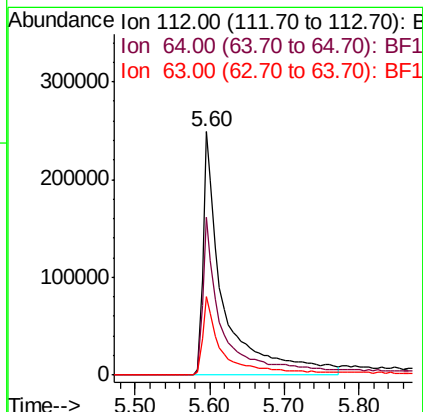
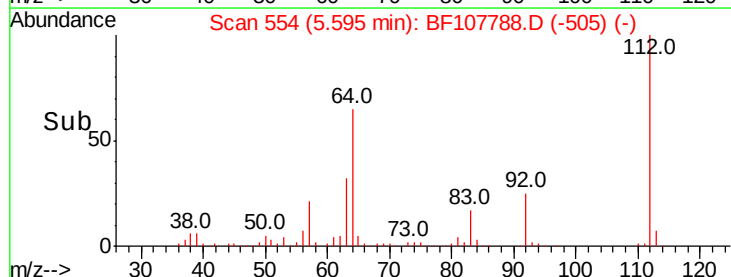
#5

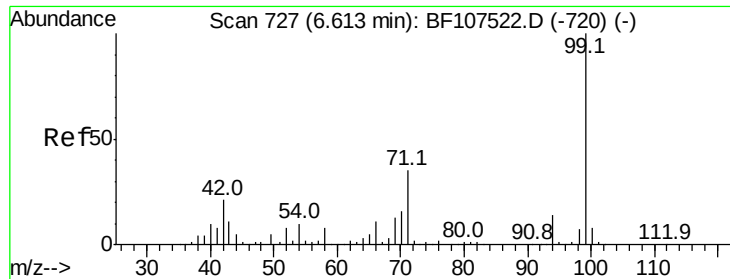
2-Fluorophenol
Concen: 48.897 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Tgt Ion:112 Resp: 480616
Ion Ratio Lower Upper
112 100
64 65.0 47.9 71.9
63 32.3 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: 34.872 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-25-18

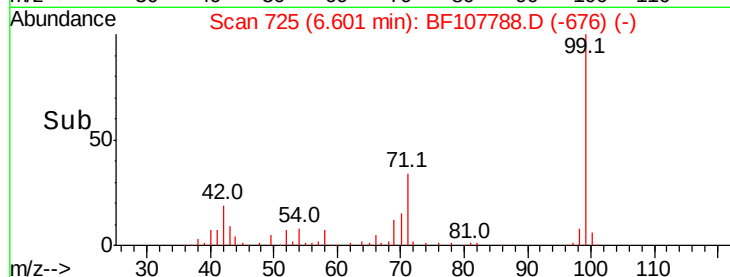
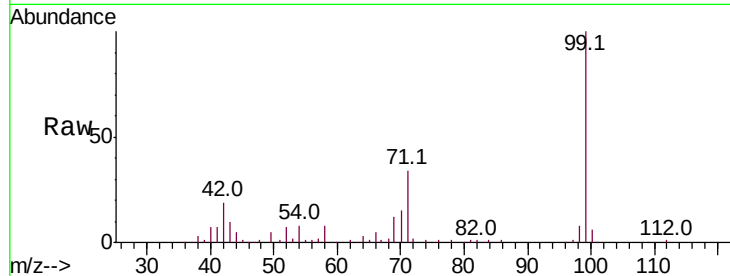
Tot Ion: 99 Resp: 411576

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

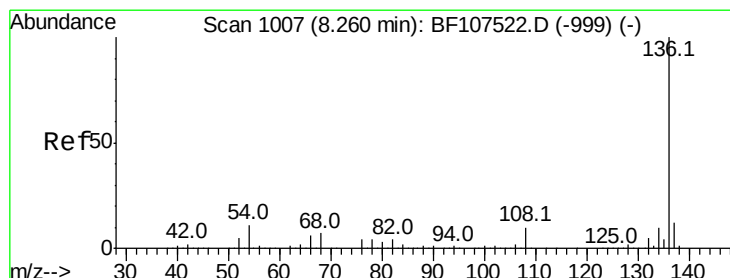
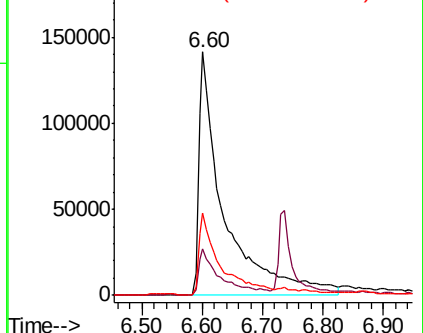
71 33.6 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

Tgt Ion: 136 Resp: 584830

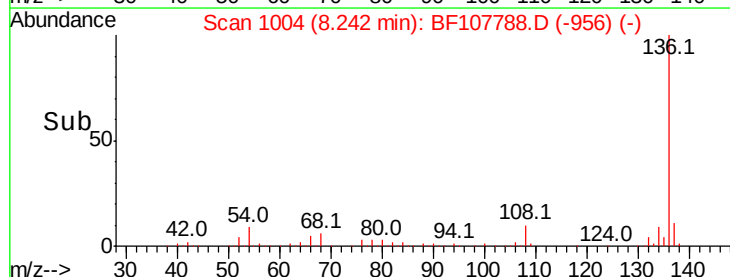
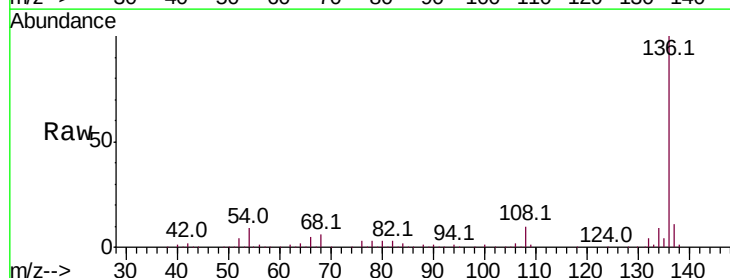
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.2 6.6 9.8

68 5.6 5.0 7.4

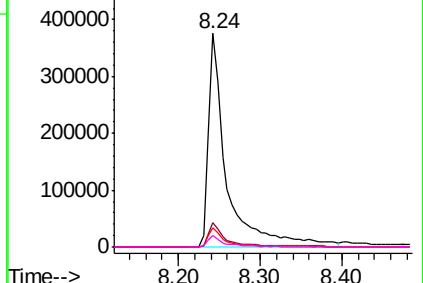


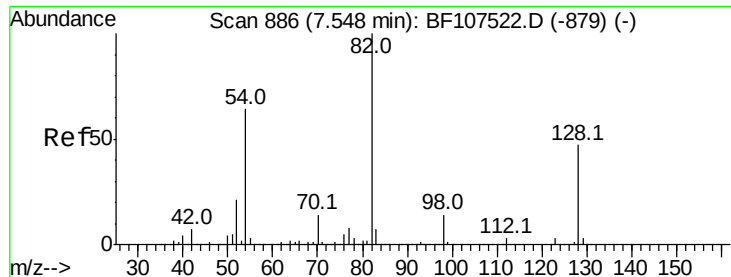
Abundance Ion 136.00 (135.70 to 136.70): E

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

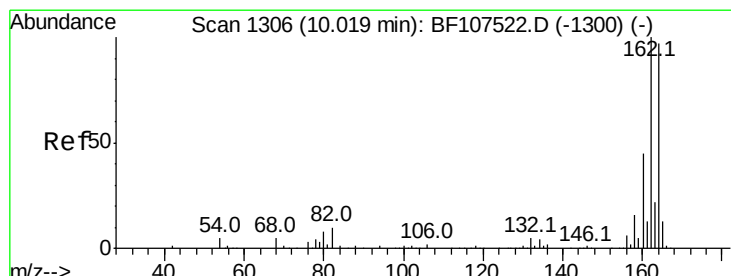
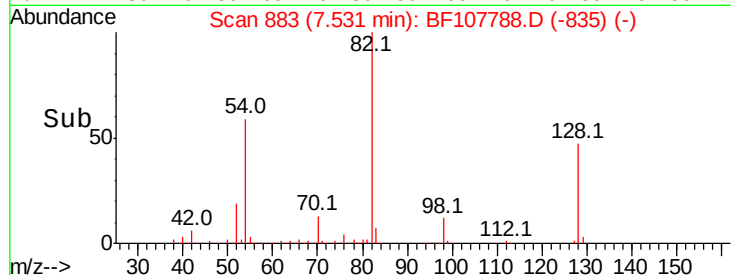
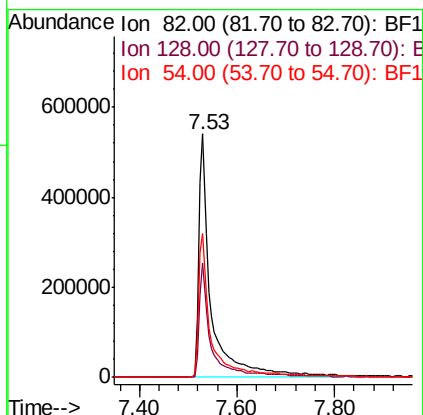
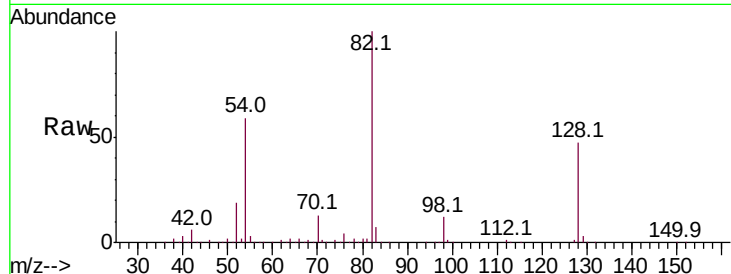




#23
 Nitrobenzene-d5
 Concen: 110.451 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

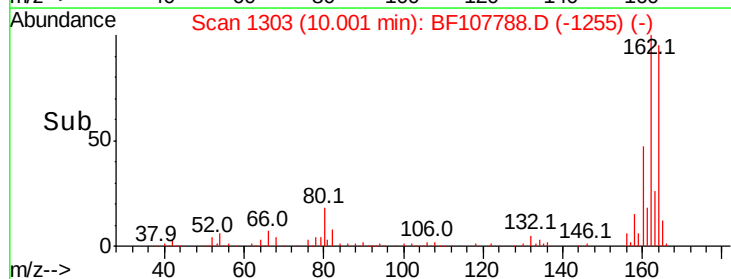
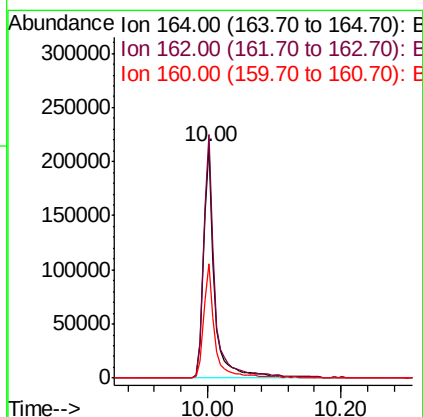
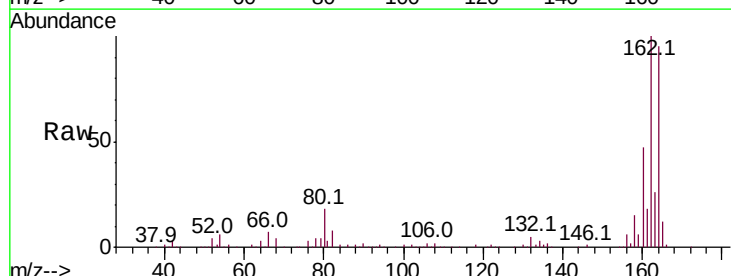
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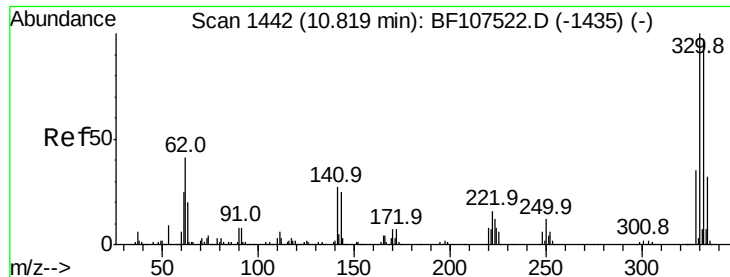
Tot Ion: 82 Resp: 957143
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 59.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

Tgt Ion:164 Resp: 242645
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 49.4 38.3 57.5

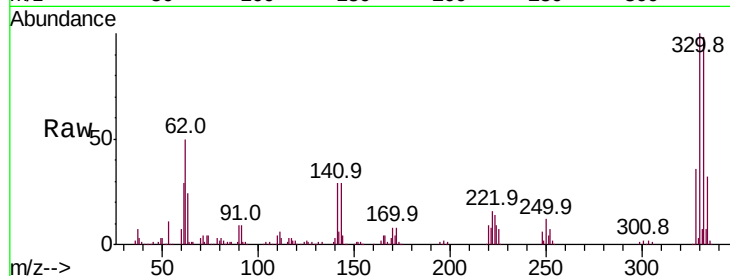




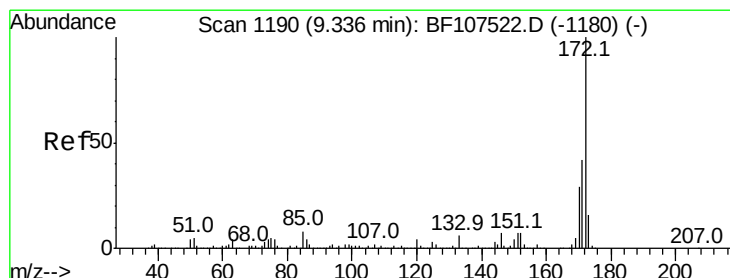
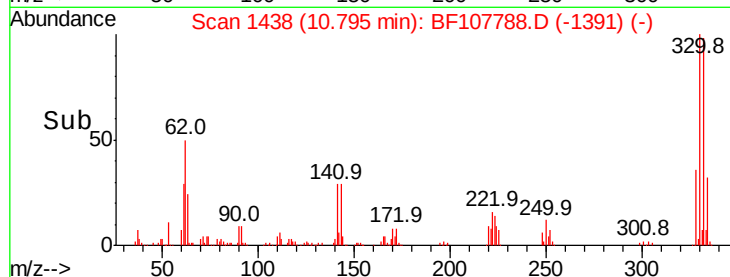
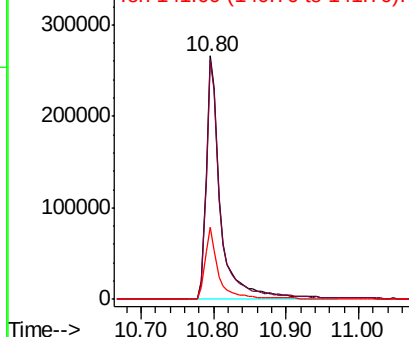
#41
 2,4,6-Tribromophenol
 Concen: 134.608 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-25-18

Tot Ion:330 Resp: 371417
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 28.2 29.9 44.9#

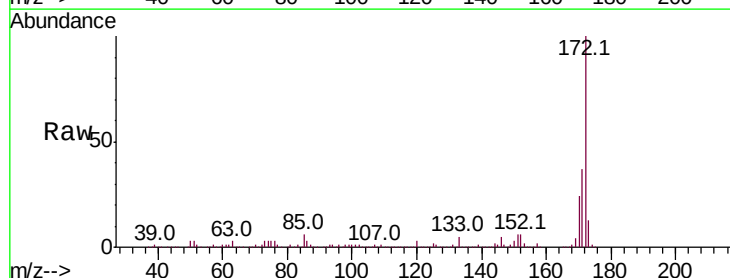


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

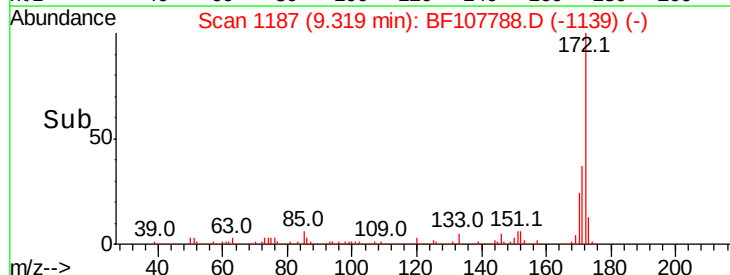
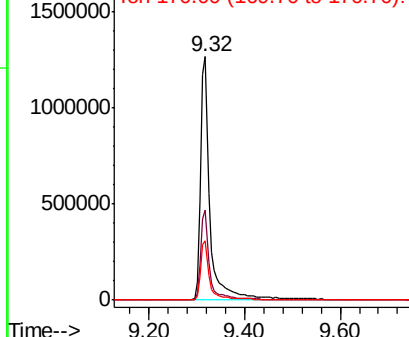


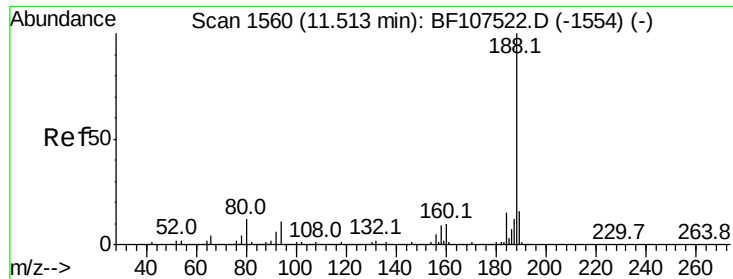
#44
 2-Fluorobiphenyl
 Concen: 154.907 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

Tgt Ion:172 Resp: 1752732
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.5 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

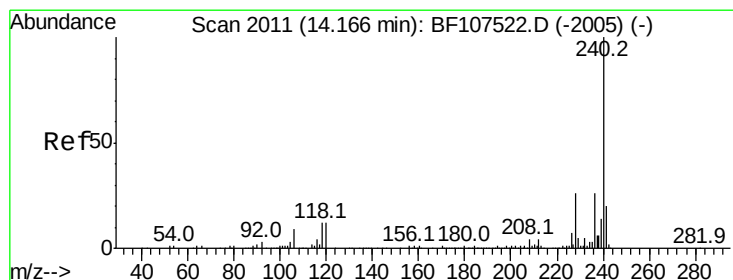
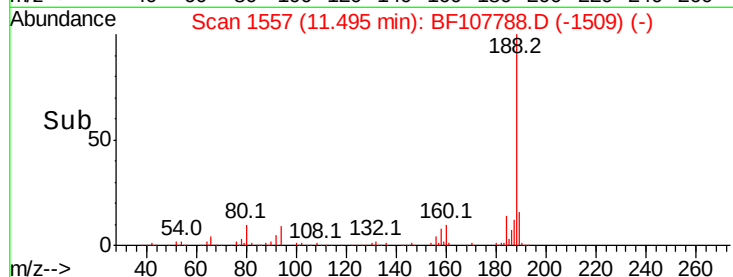
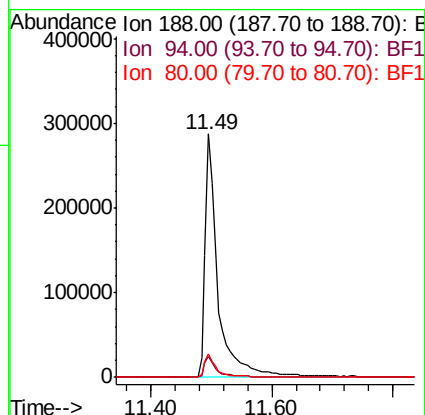
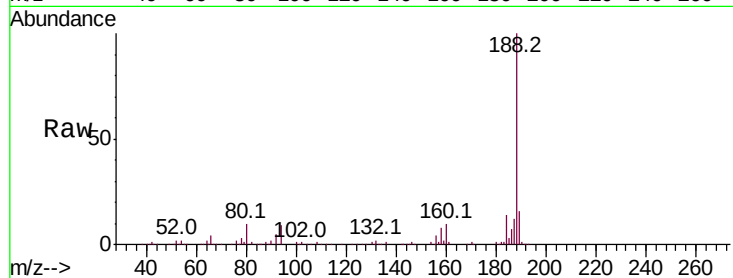




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

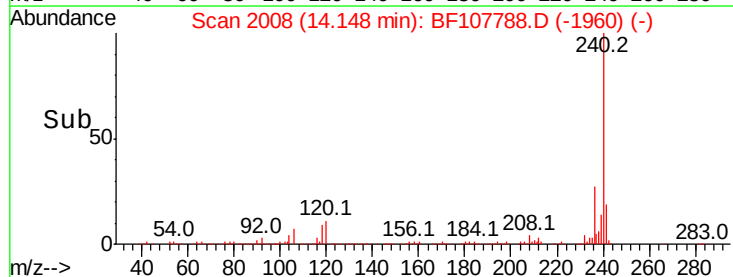
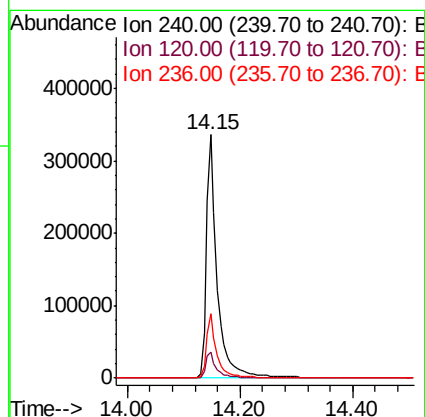
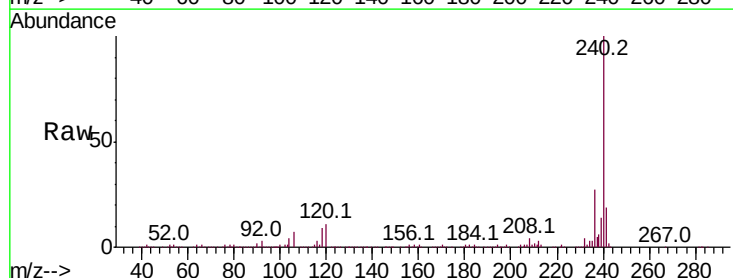
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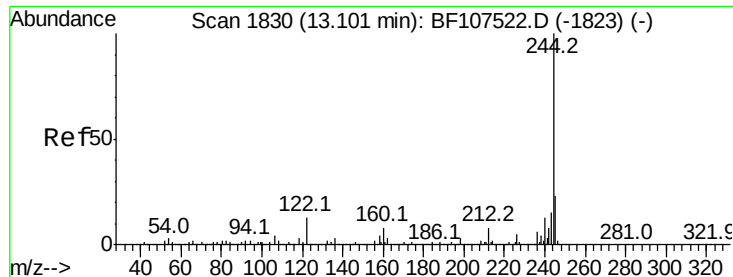
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.6	20.7	31.1

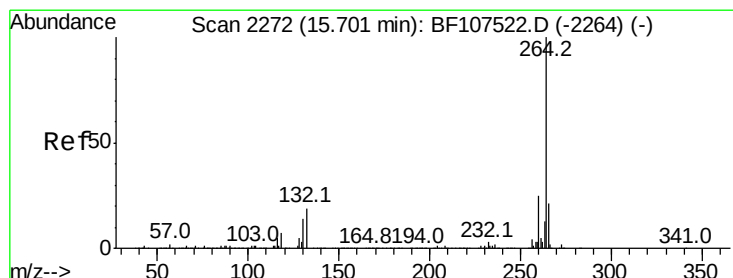
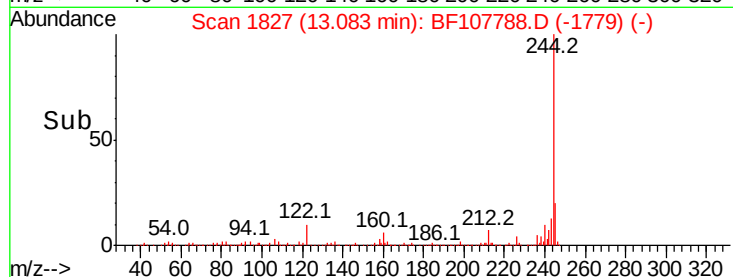
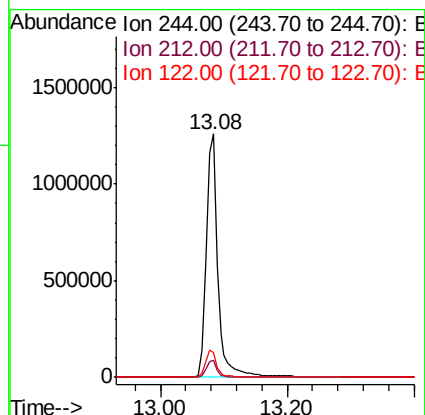
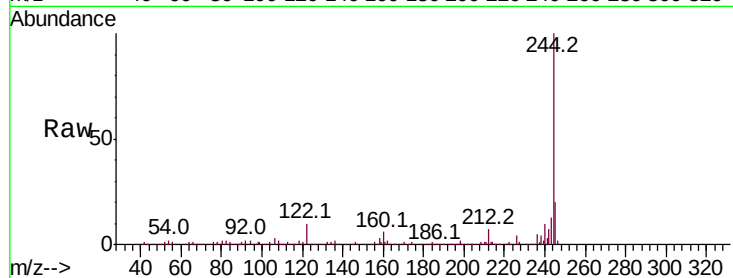




#78
 Terphenyl-d14
 Concen: 89.634 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-25-18

Tot Ion:244 Resp: 1584645
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 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: BF107788.D
 Acq: 28 Jul 2018 10:56

Tgt Ion:264 Resp: 361977
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 17.5 26.3

