

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107134.D
 Acq On : 5 Jul 2018 18:37
 Operator : JU/SJ
 Sample : J3252-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062918

Quant Time: Jul 05 19:05:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

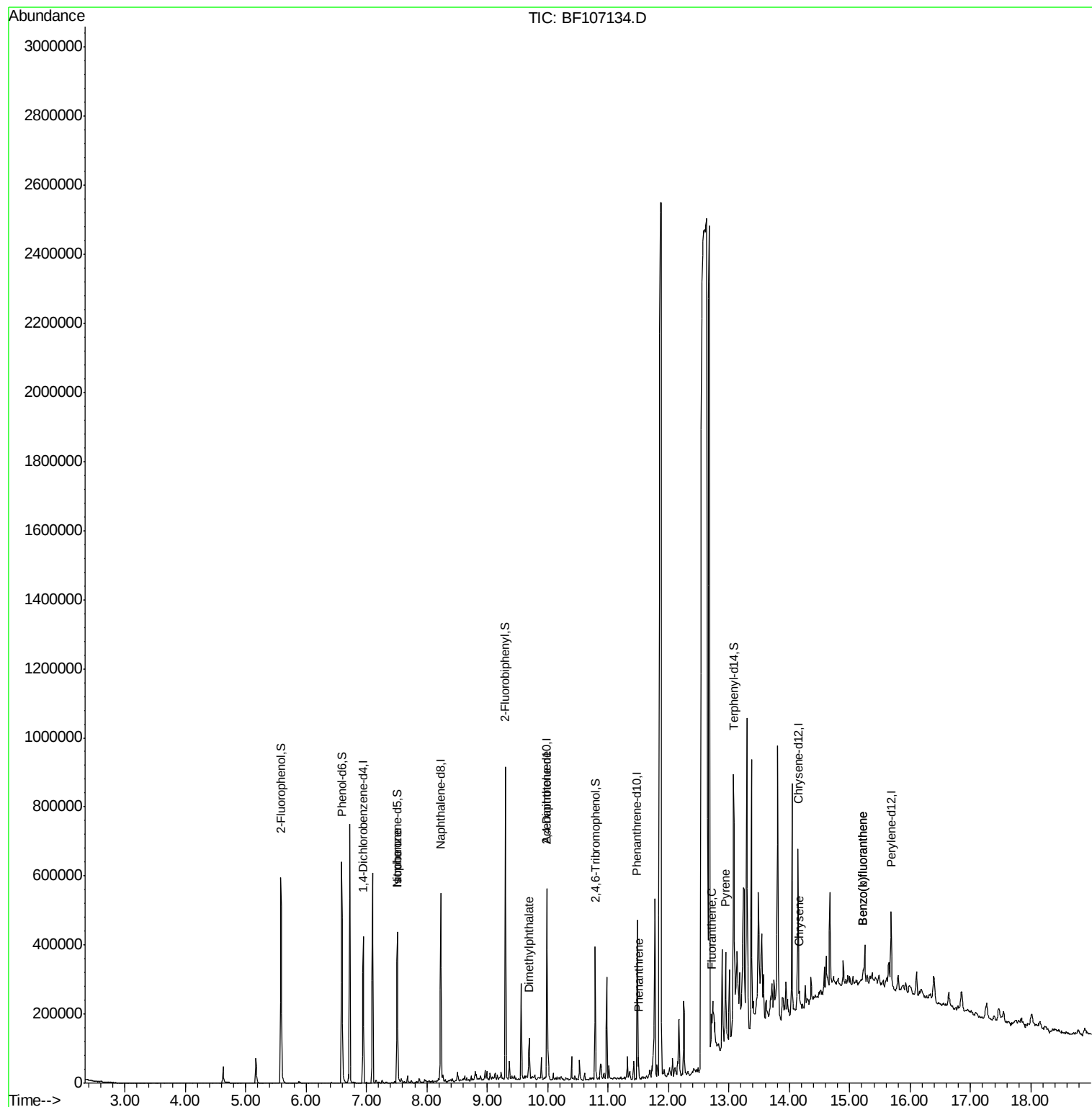
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62011	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	234472	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	103369	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	170586	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	169550	20.00	ng	-0.02
86) Perylene-d12	15.68	264	114945	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	184221	50.30	ng	-0.02
7) Phenol-d6	6.59	99	232845	50.91	ng	-0.02
23) Nitrobenzene-d5	7.51	82	139077	32.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	53007	44.24	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	257223	33.11	ng	-0.02
78) Terphenyl-d14	13.08	244	241031	34.44	ng	0.00
Target Compounds						
25) Isophorone	7.51	82	139076	18.706	ng	# 64
49) Dimethylphthalate	9.70	163	42129	5.434	ng	# 97
56) 2,4-Dinitrotoluene	9.99	165	13286	6.200	ng	# 21
70) Phenanthrene	11.51	178	19905	2.419	ng	98
74) Fluoranthene	12.71	202	39022	4.303	ng	97
77) Pyrene	12.95	202	34716	3.105	ng	97
82) Chrysene	14.17	228	19875	2.091	ng	# 94
87) Benzo(b)fluoranthene	15.22	252	24314	3.405	ng	# 68
88) Benzo(k)fluoranthene	15.22	252	24314	3.576	ng	# 71

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

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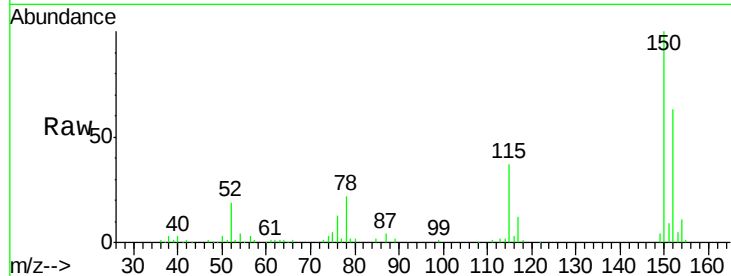




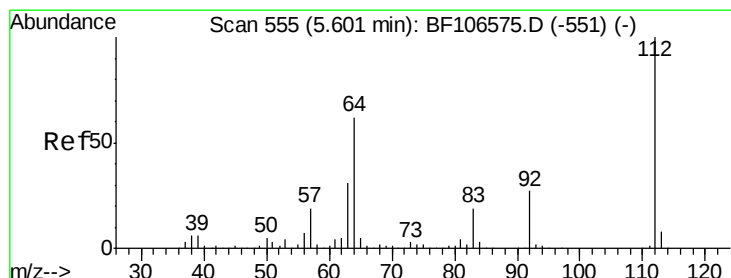
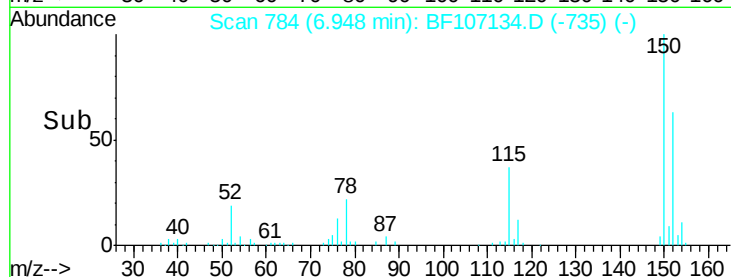
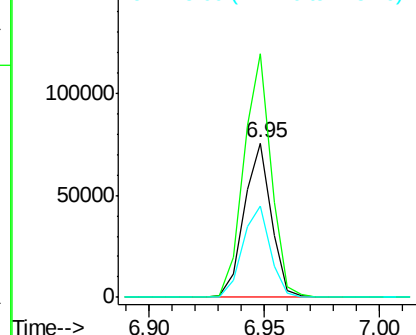
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062918

Tgt Ion:152 Resp: 62011
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 59.3 50.1 75.1

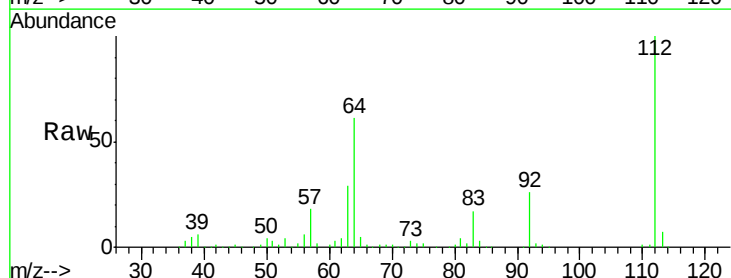


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

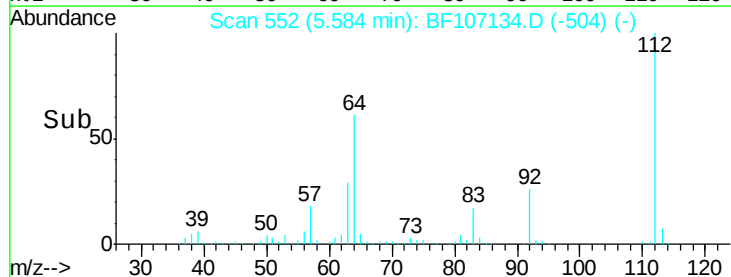
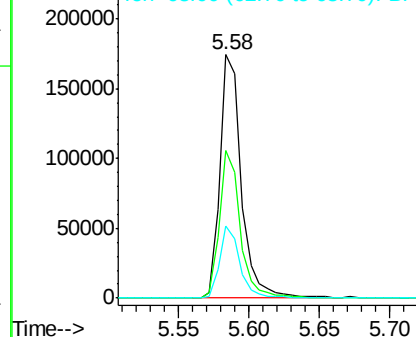


#5
 2-Fluorophenol
 Concen: 50.305 ng
 RT: 5.58 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Tgt Ion:112 Resp: 184221
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 29.4 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: 50.915 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Instrument :

BNA_F

ClientSampleId :

TR-04-062918

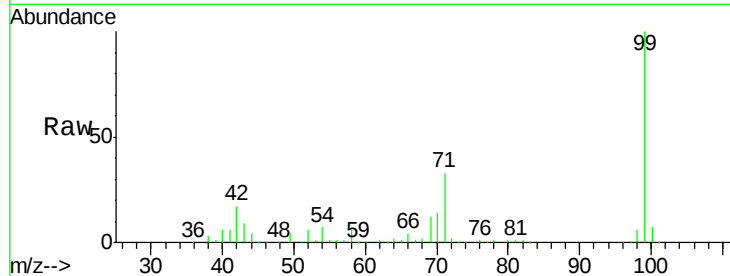
Tgt Ion: 99 Resp: 232845

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

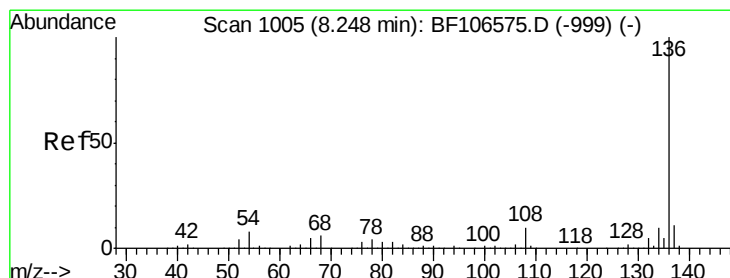
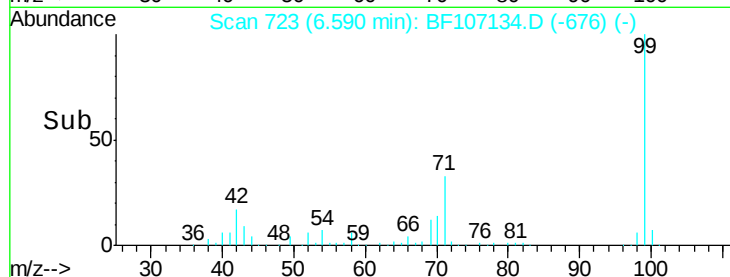
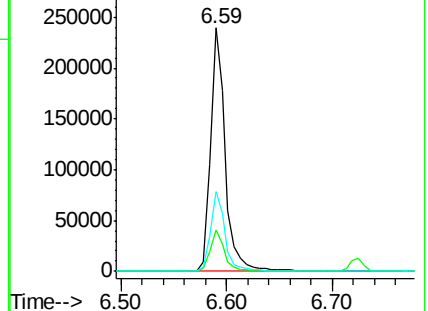
71 32.7 25.4 38.0



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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Tgt Ion: 136 Resp: 234472

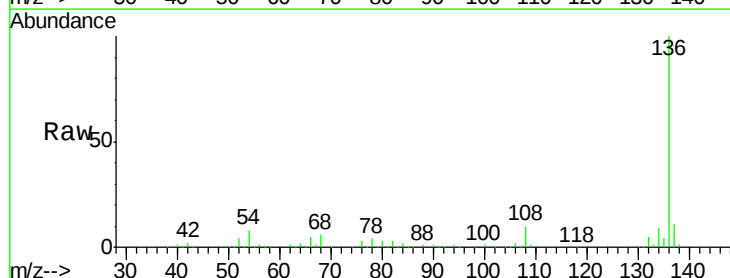
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.0 6.6 9.8

68 6.4 5.0 7.4

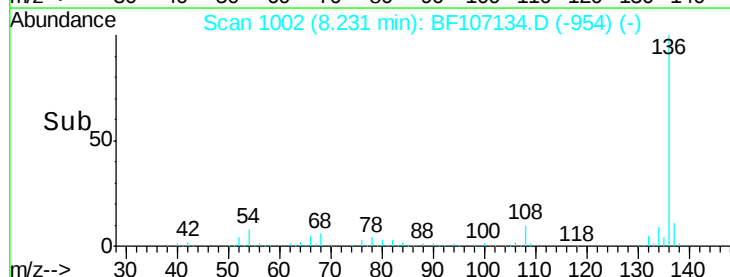
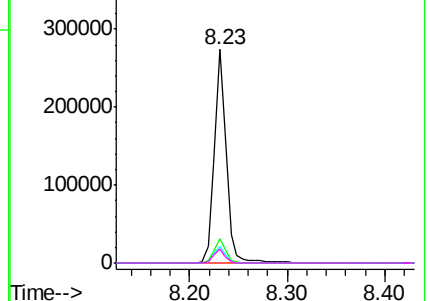


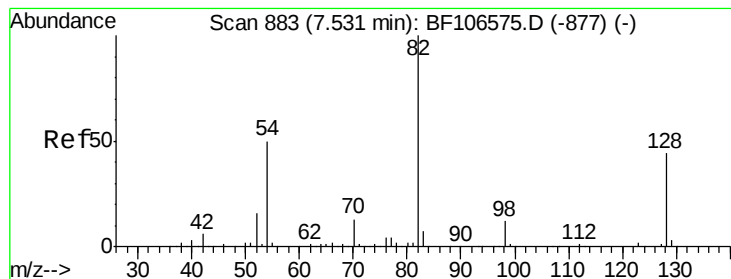
Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.963 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Instrument :

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ClientSampleId :

TR-04-062918

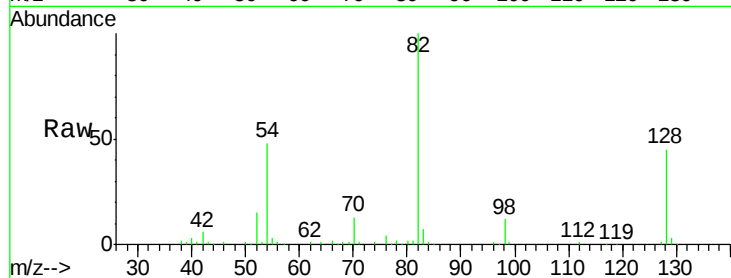
Tgt Ion: 82 Resp: 139077

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

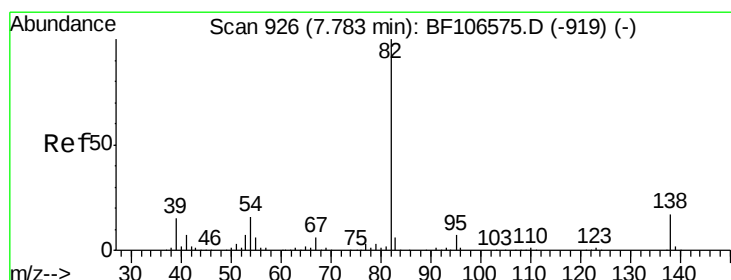
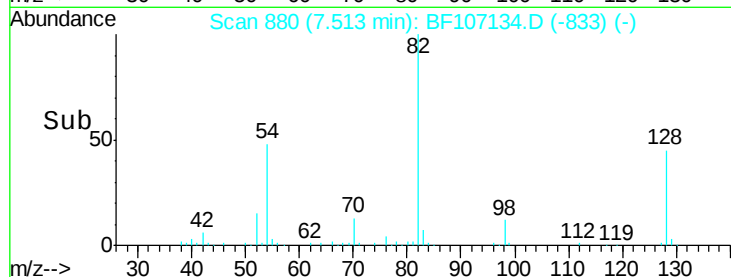
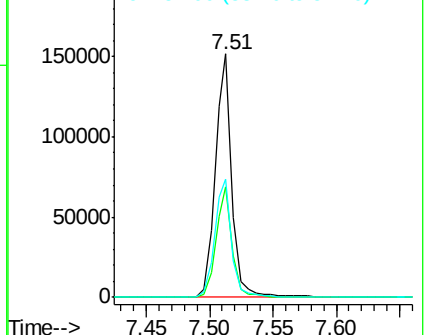
54 48.4 41.4 62.2



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



#25

Isophorone

Concen: 18.706 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

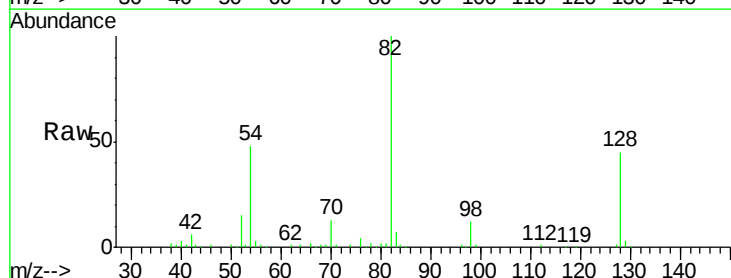
Tgt Ion: 82 Resp: 139076

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

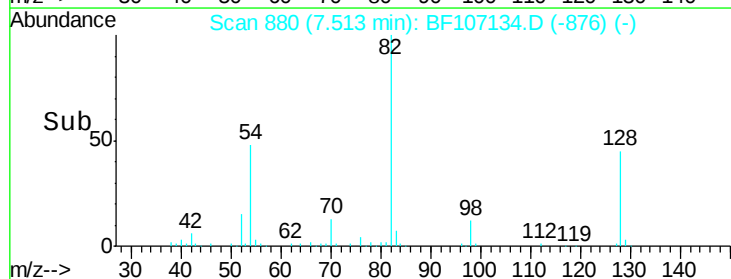
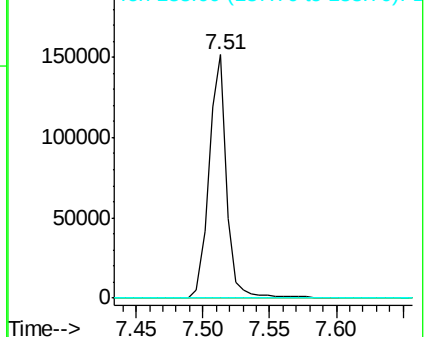
138 0.0 14.9 22.3#

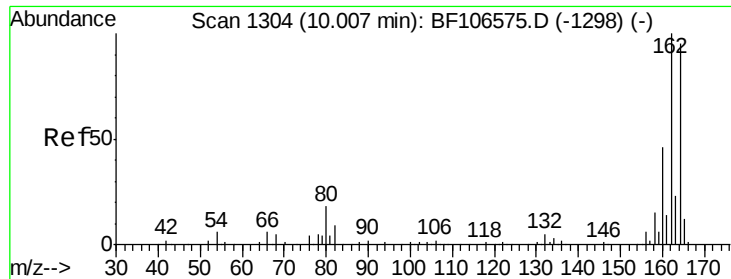


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

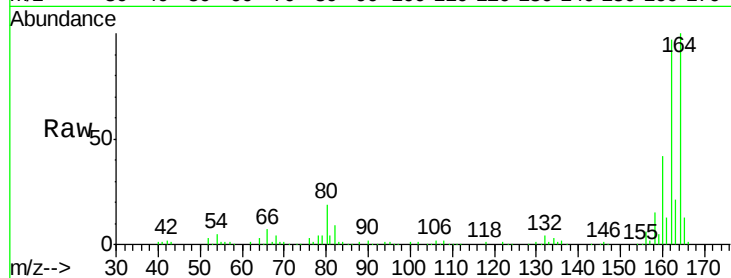




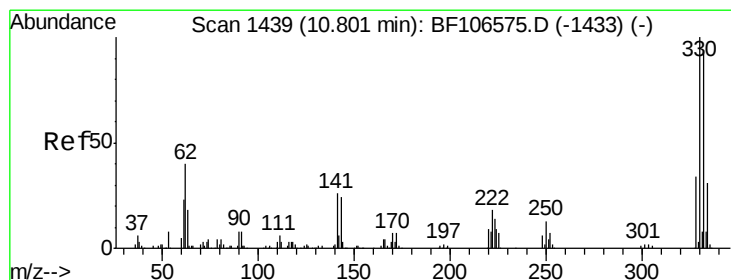
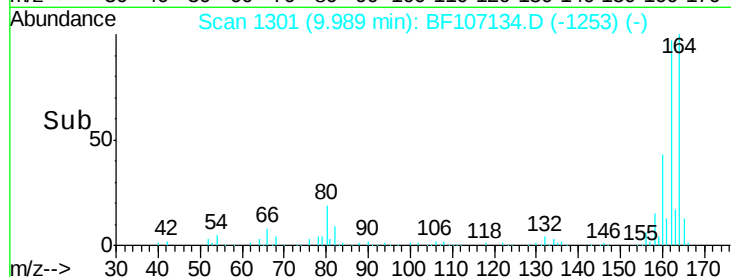
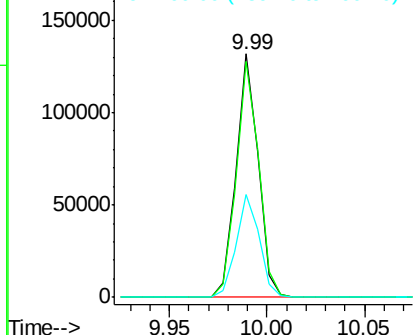
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

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Tgt Ion:164 Resp: 103369
Ion Ratio Lower Upper
164 100
162 96.6 86.1 129.1
160 42.4 38.3 57.5

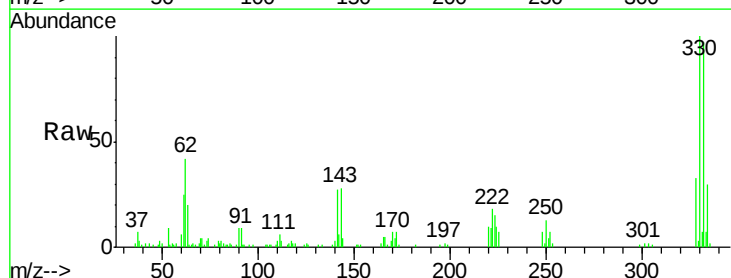


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

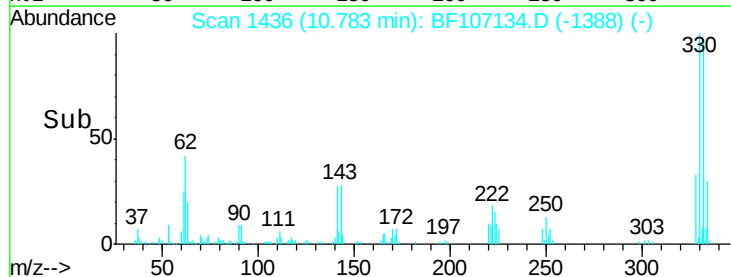
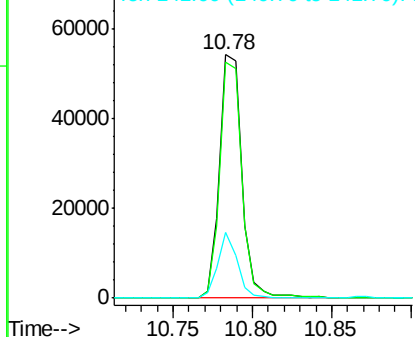


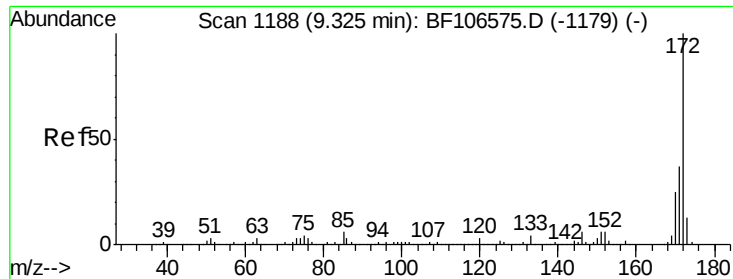
#41
2,4,6-Tribromophenol
Concen: 44.243 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Tgt Ion:330 Resp: 53007
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 23.8 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

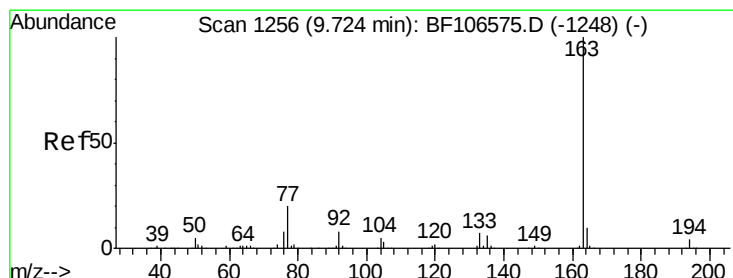
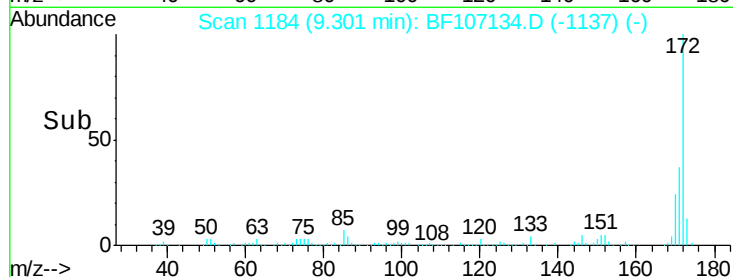
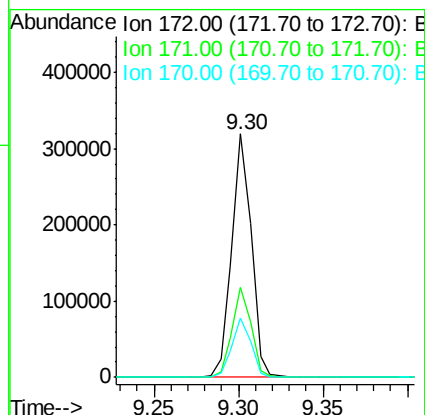
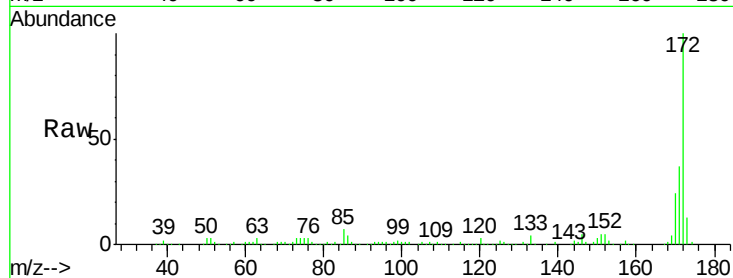




#44
2-Fluorobiphenyl
Concen: 33.115 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

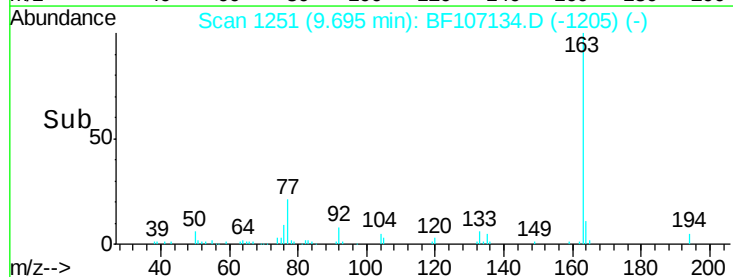
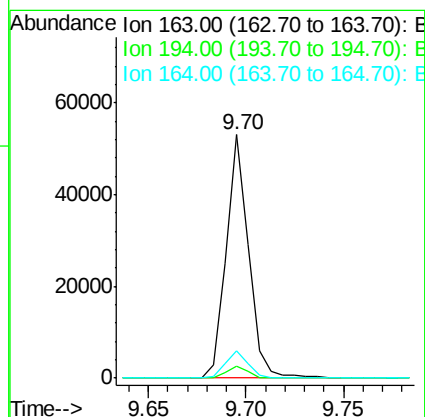
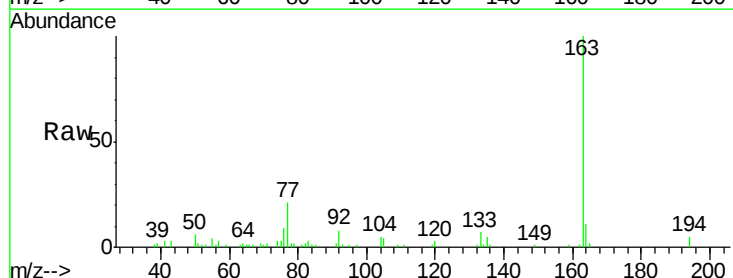
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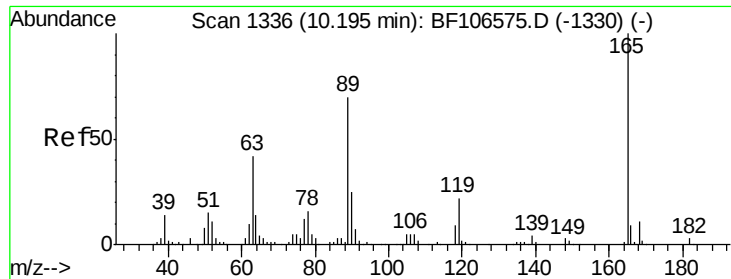
Tgt Ion:172 Resp: 257223
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 5.434 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Tgt Ion:163 Resp: 42129
Ion Ratio Lower Upper
163 100
194 4.8 2.7 4.1#
164 11.3 8.2 12.2

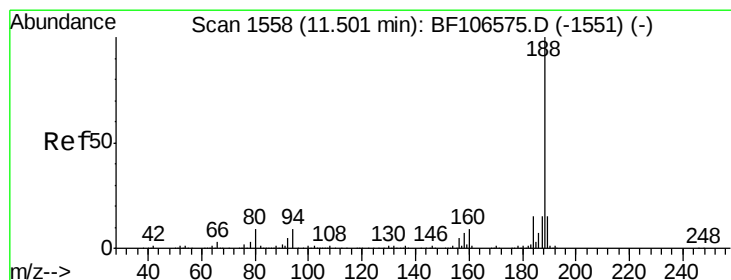
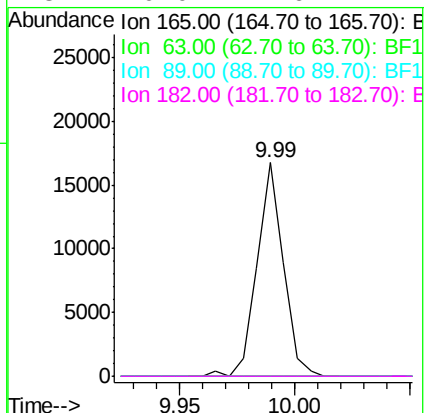
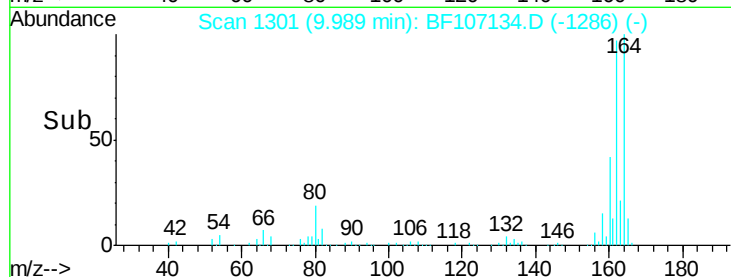
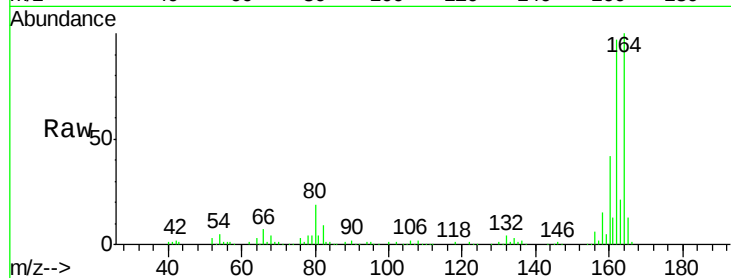




#56
2,4-Dinitrotoluene
Concen: 6.200 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

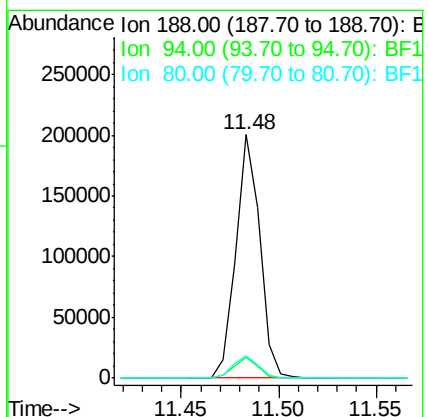
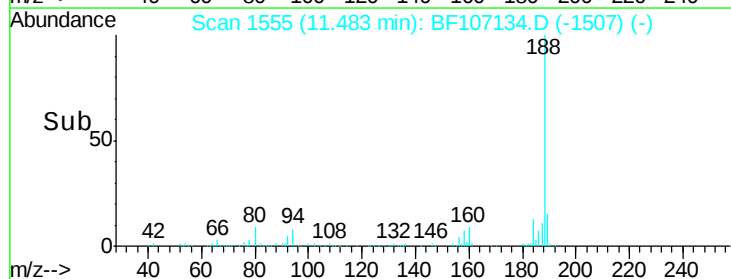
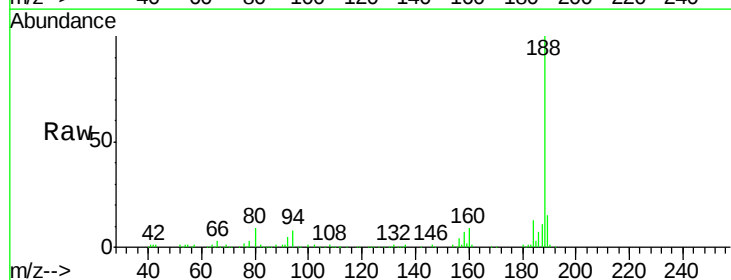
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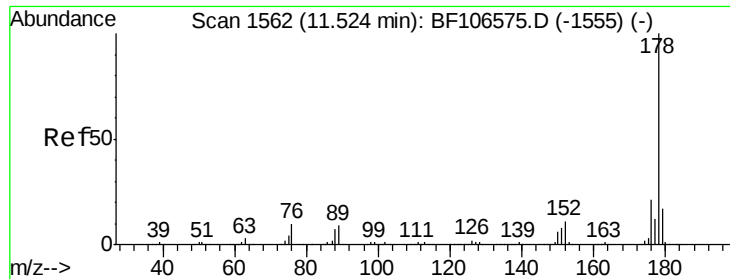
Tgt Ion:	165	Resp:	13286
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Tgt Ion:	188	Resp:	170586
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.5	12.7#
80	9.2	9.2	13.8

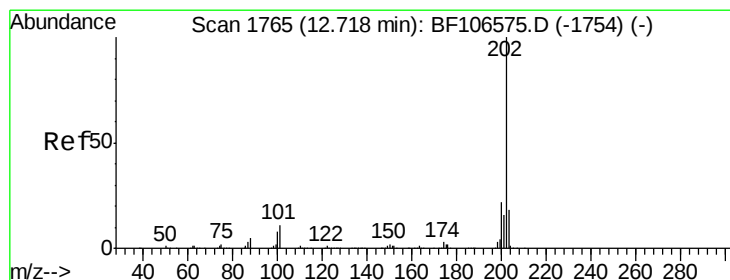
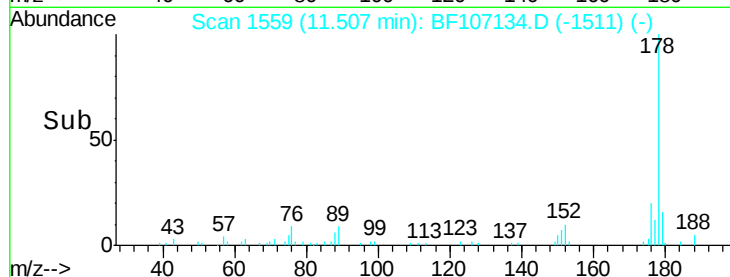
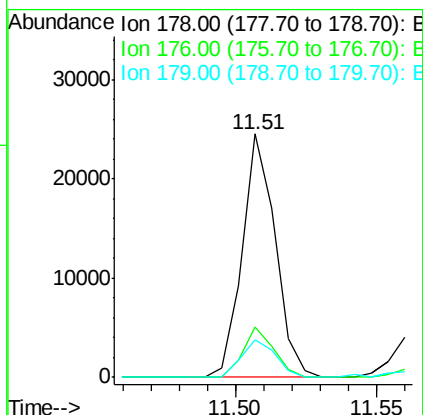
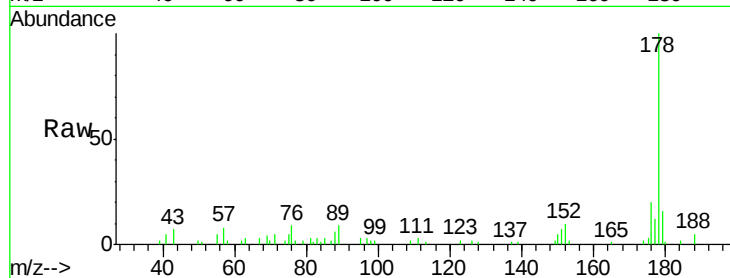




#70
Phenanthrene
Concen: 2.419 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

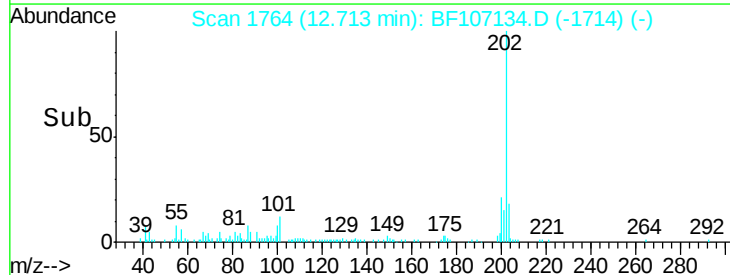
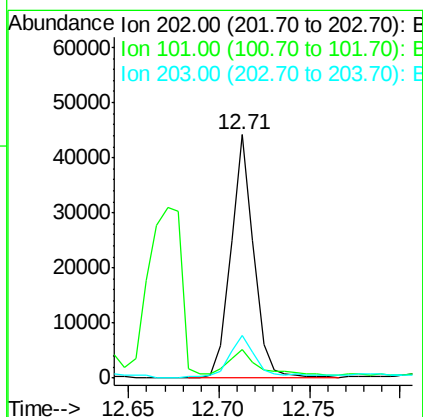
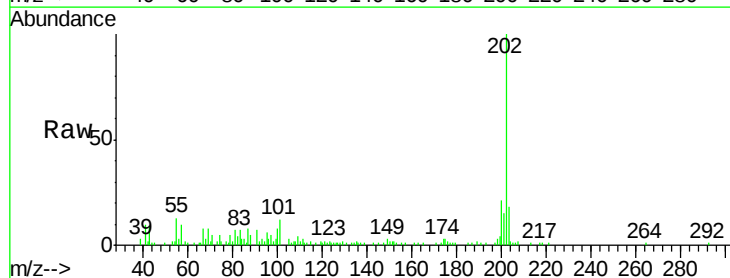
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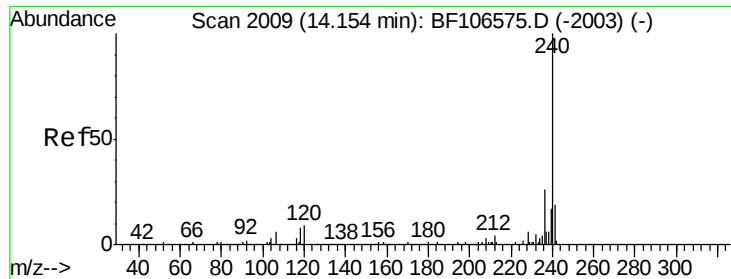
Tgt Ion:178 Resp: 19905
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 15.5 13.0 19.6



#74
Fluoranthene
Concen: 4.303 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Tgt Ion:202 Resp: 39022
Ion Ratio Lower Upper
202 100
101 11.7 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Instrument :

BNA_F

ClientSampleId :

TR-04-062918

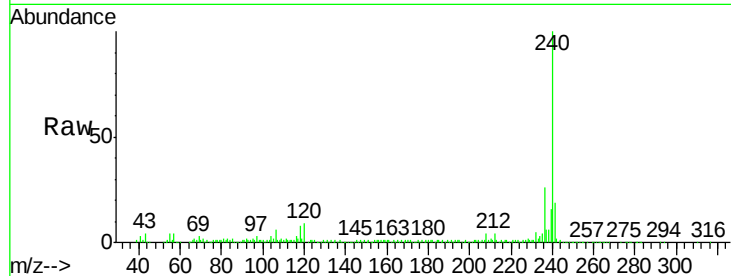
Tgt Ion:240 Resp: 169550

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

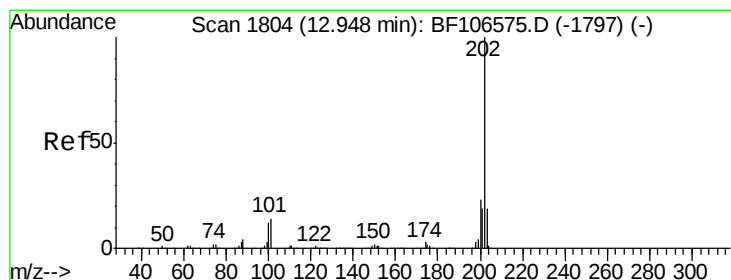
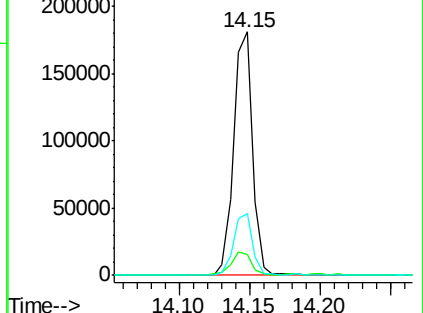
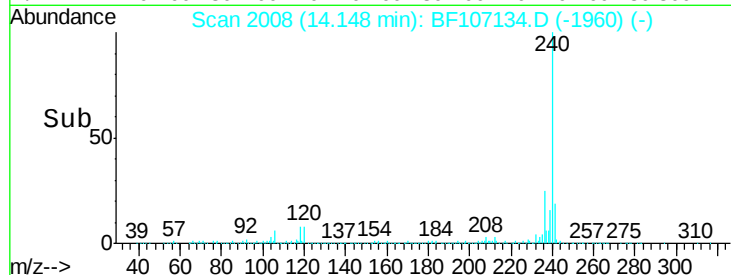
236 25.5 20.7 31.1



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



#77

Pyrene

Concen: 3.105 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

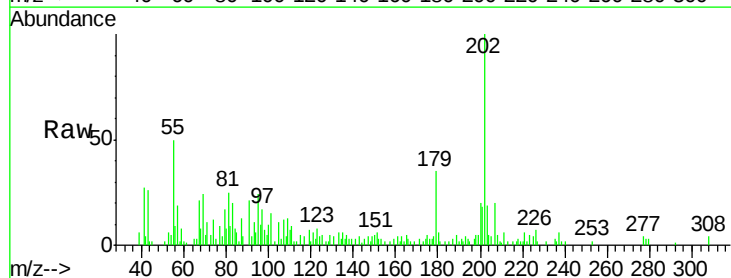
Tgt Ion:202 Resp: 34716

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

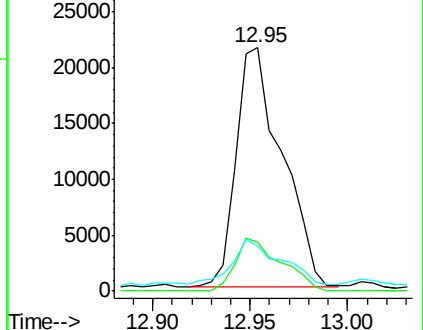
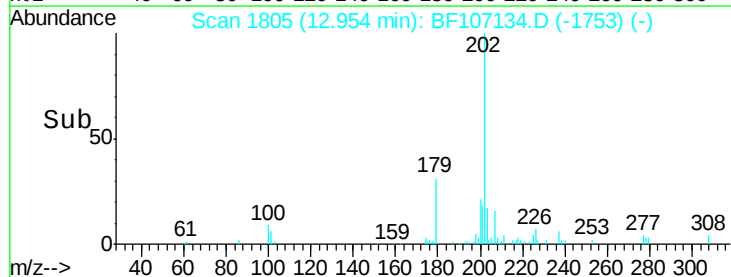
203 18.7 14.3 21.5

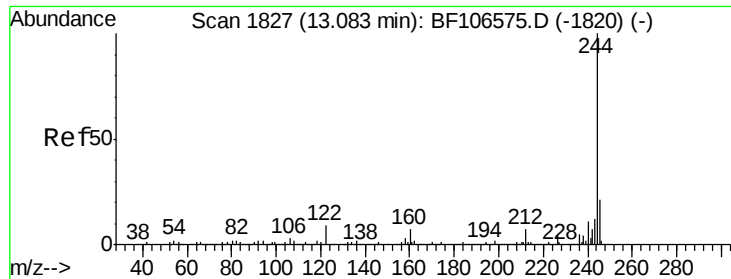


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

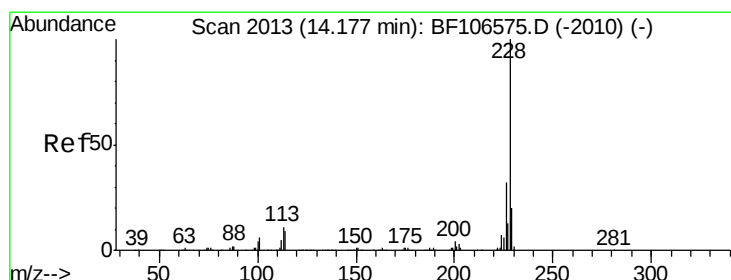
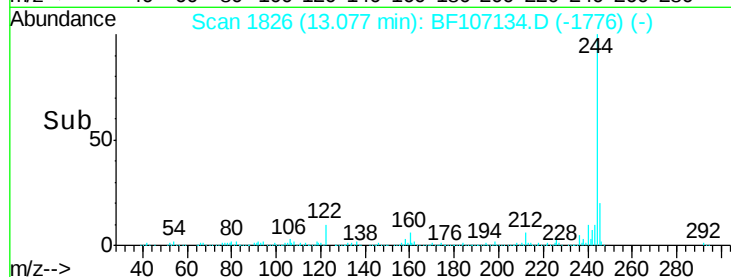
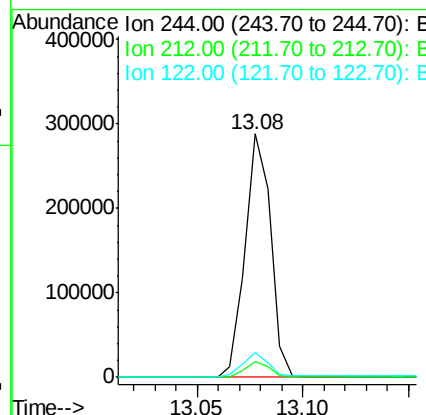
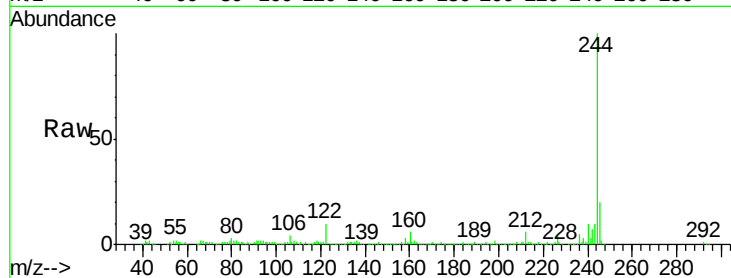




#78
 Terphenyl-d14
 Concen: 34.435 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

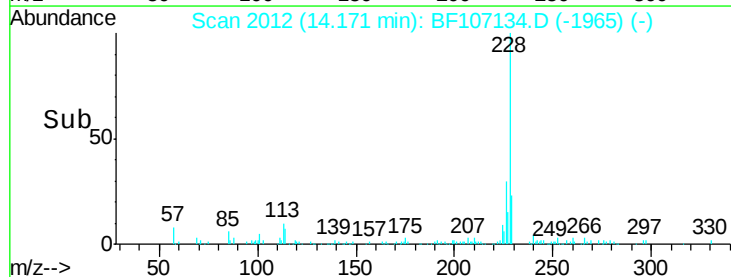
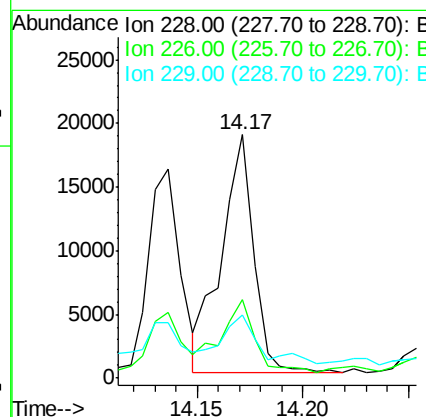
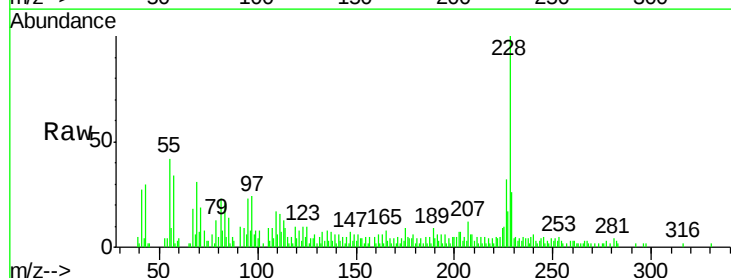
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062918

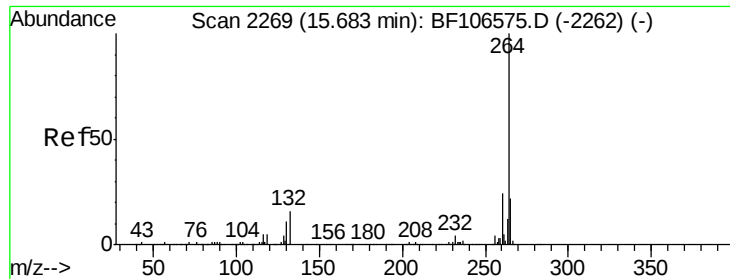
Tgt Ion:244 Resp: 241031
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.0 11.0 16.4#



#82
 Chrysene
 Concen: 2.091 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Tgt Ion:228 Resp: 19875
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 26.1 16.2 24.4#

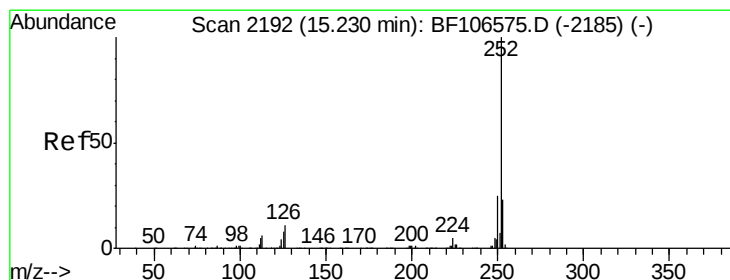
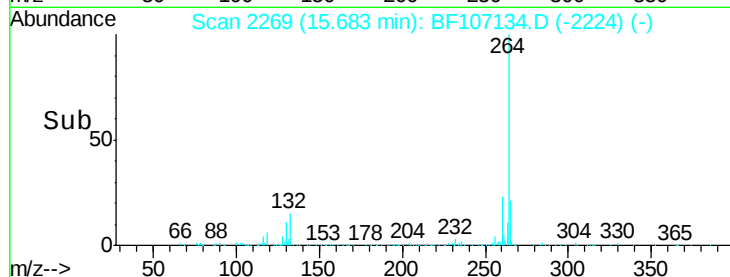
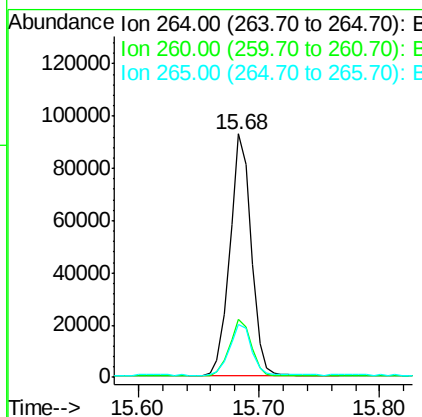
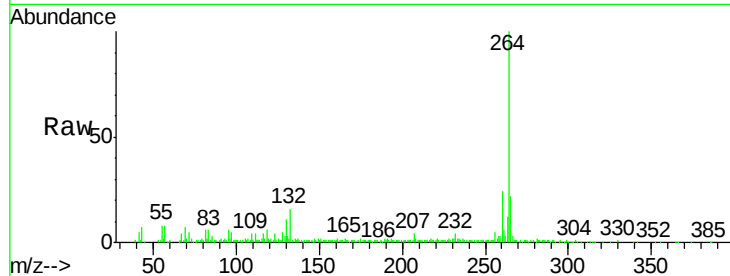




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

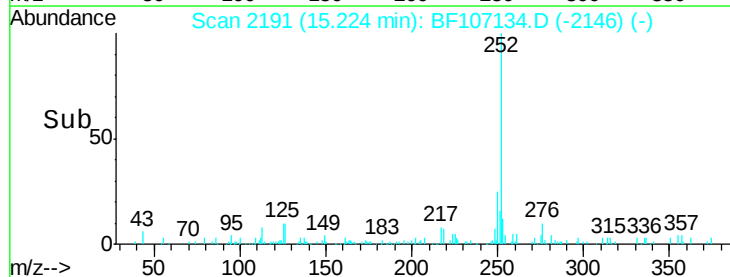
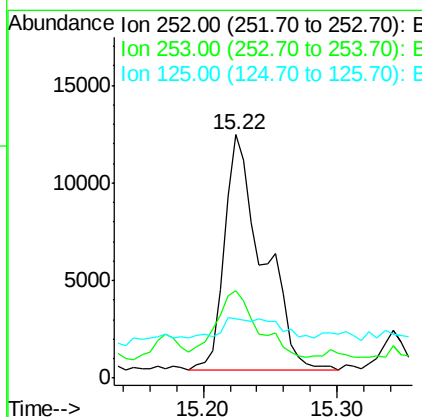
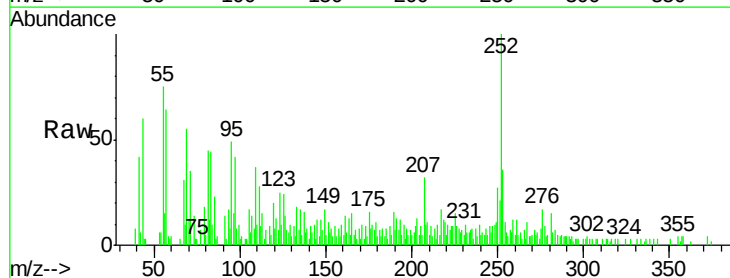
Instrument :
BNA_F
ClientSampleId :
TR-04-062918

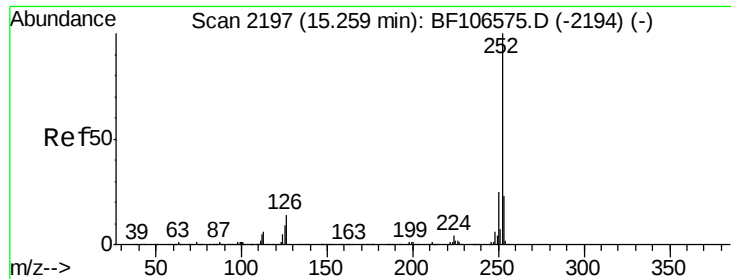
Tgt Ion:264 Resp: 114945
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 3.405 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Tgt Ion:252 Resp: 24314
Ion Ratio Lower Upper
252 100
253 35.9 17.0 25.6#
125 24.3 9.0 13.6#

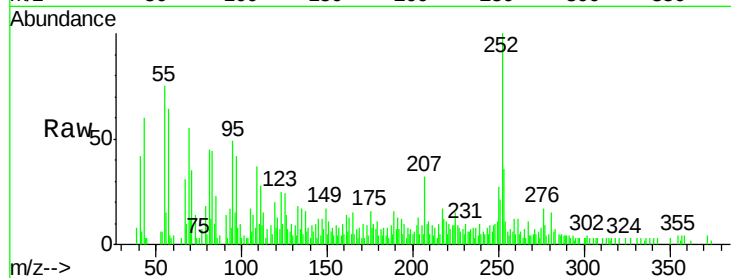




#88
 Benzo(k)fluoranthene
 Concen: 3.576 ng
 RT: 15.22 min Scan# 2191
 Delta R.T. -0.07 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062918

Tgt Ion: 252 Resp: 24314
 Ion Ratio Lower Upper
 252 100
 253 35.9 17.9 26.9#
 125 24.3 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

