

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106949.D
 Acq On : 29 Jun 2018 4:02
 Operator : JU/SJ
 Sample : J3746-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-B

Quant Time: Jun 29 05:58:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

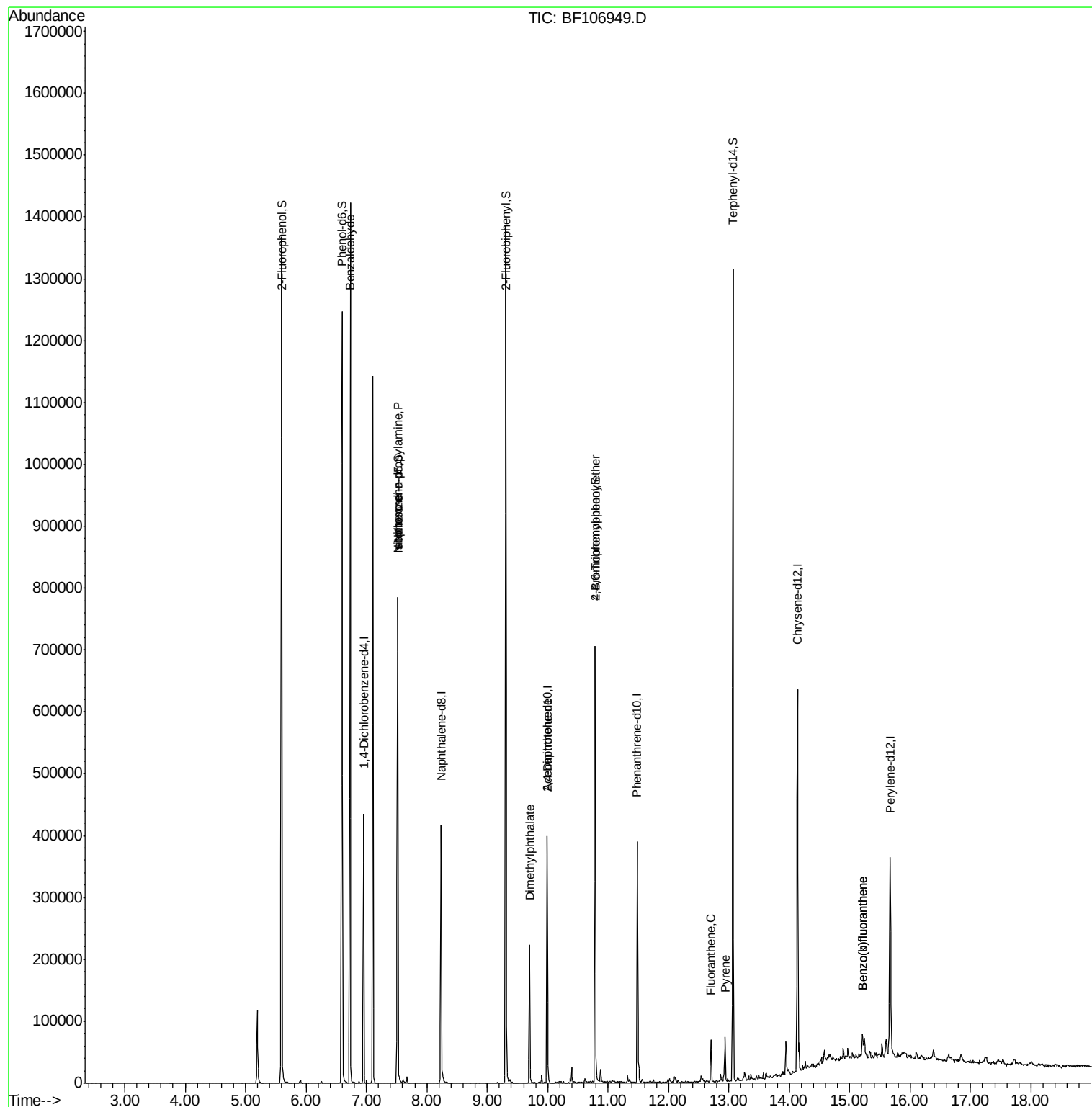
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62665	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	215392	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	87728	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	158338	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	205826	20.00	ng	-0.03
86) Perylene-d12	15.67	264	172151	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	380075	102.70	ng	0.00
7) Phenol-d6	6.60	99	448742	97.10	ng	-0.02
23) Nitrobenzene-d5	7.52	82	273066	70.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	107530	105.75	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	435919	83.92	ng	-0.02
78) Terphenyl-d14	13.07	244	500403	58.89	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	8138	2.099	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	34613	11.362	ng	# 73
25) Isophorone	7.52	82	273063	39.982	ng	# 64
49) Dimethylphthalate	9.70	163	96289	14.634	ng	99
56) 2,4-Dinitrotoluene	10.00	165	11072	6.088	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	6705	3.548	ng	# 1
74) Fluoranthene	12.70	202	28804	3.422	ng	96
77) Pyrene	12.94	202	30095	2.217	ng	97
87) Benzo(b)fluoranthene	15.21	252	27896	2.609	ng	93
88) Benzo(k)fluoranthene	15.21	252	27896	2.739	ng	# 93

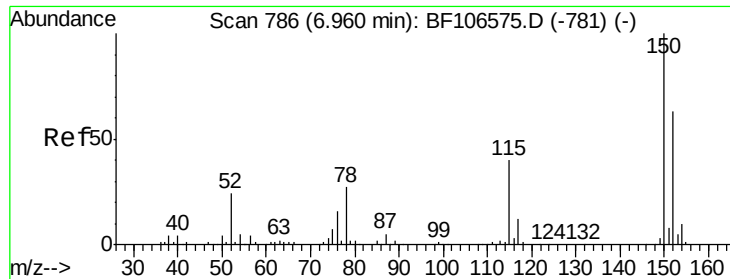
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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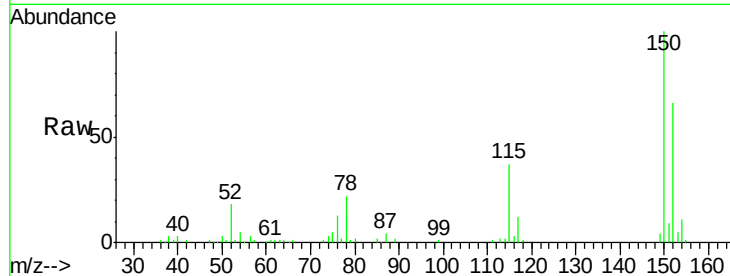


#1

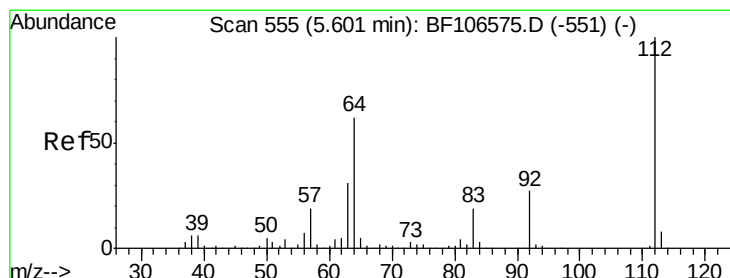
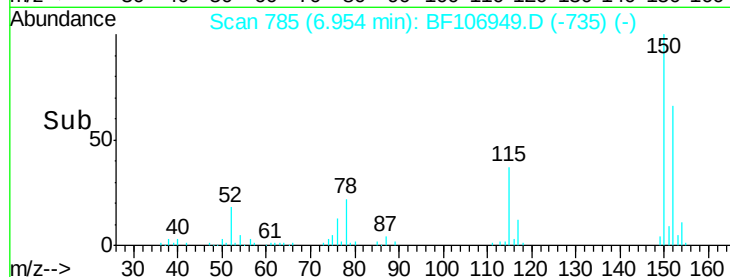
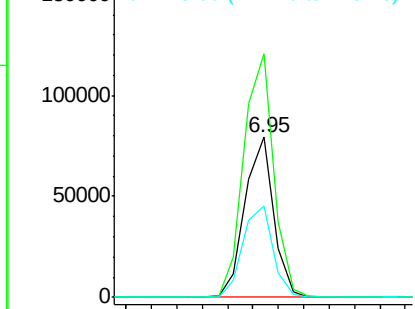
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion:152 Resp: 62665
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 56.6 50.1 75.1



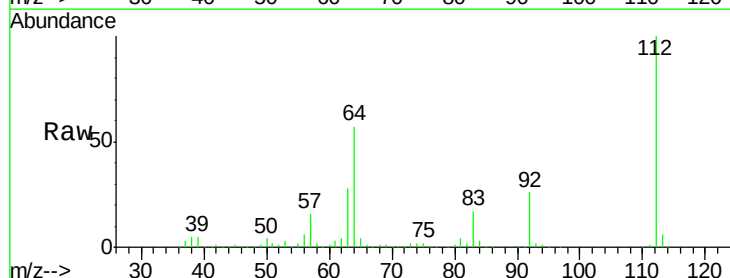
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



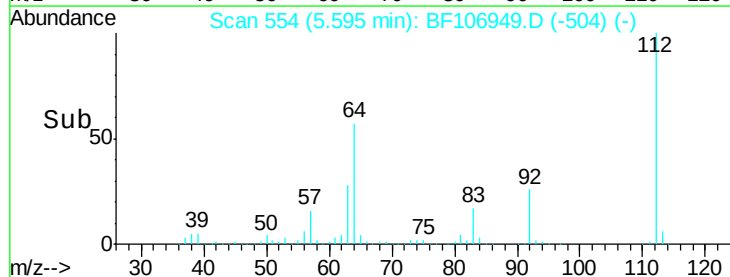
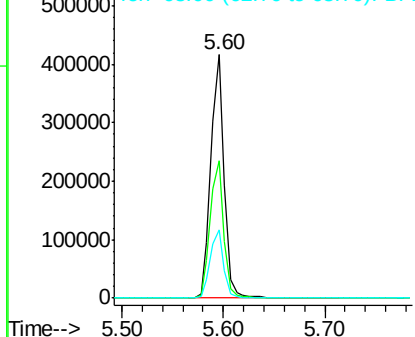
#5

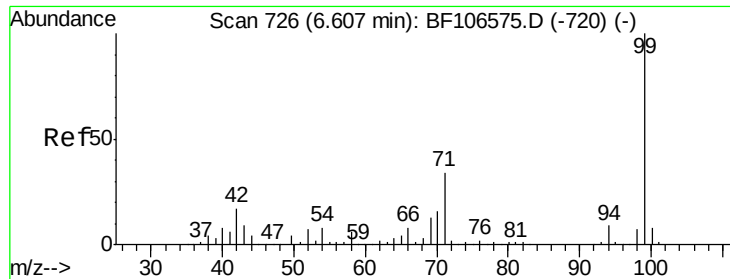
2-Fluorophenol
Concen: 102.703 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:112 Resp: 380075
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.1 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: 97.099 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-B

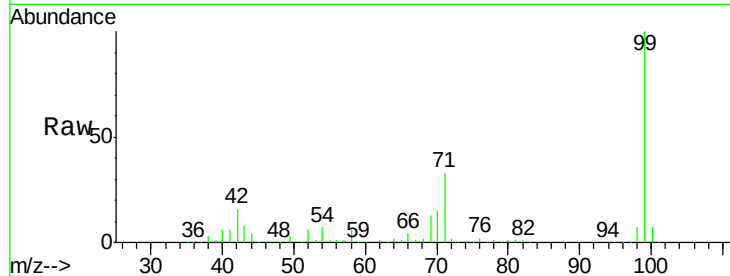
Tgt Ion: 99 Resp: 448742

Ion Ratio Lower Upper

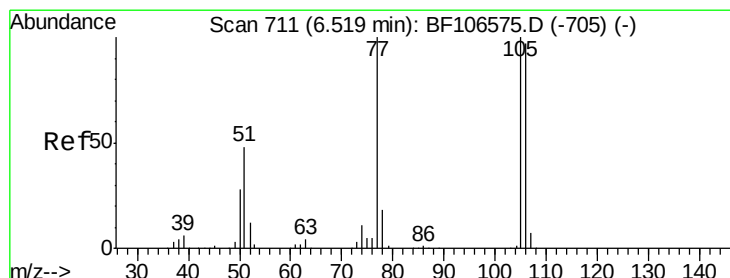
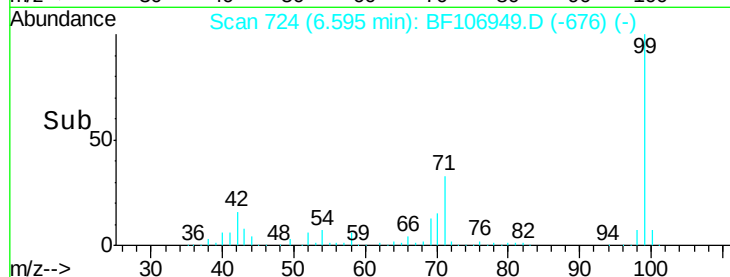
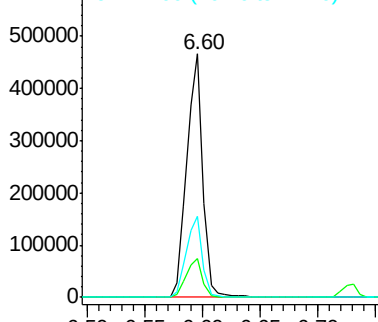
99 100

42 15.9 14.5 21.7

71 33.3 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



#9

Benzaldehyde

Concen: 2.099 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

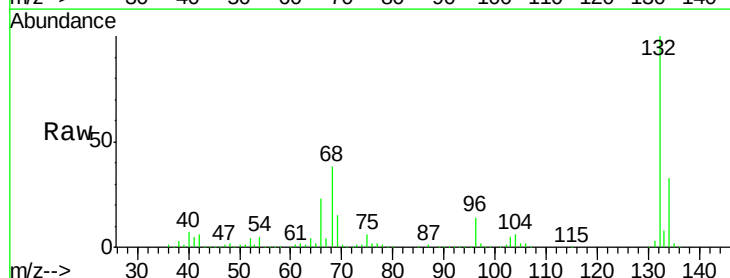
Tgt Ion: 77 Resp: 8138

Ion Ratio Lower Upper

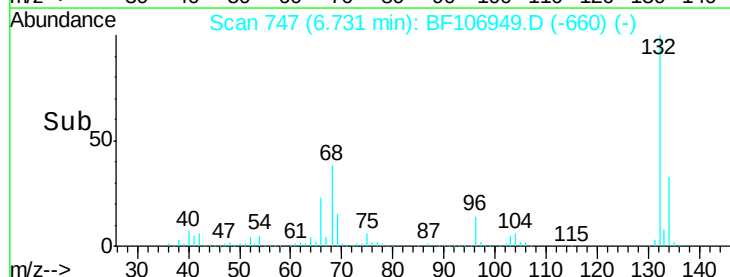
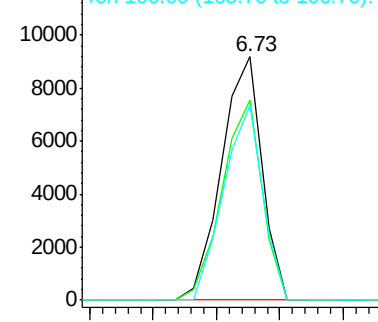
77 100

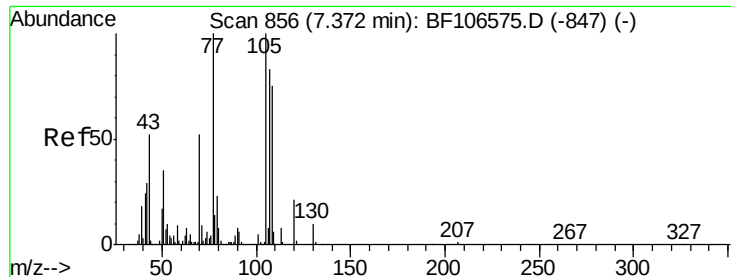
105 82.4 81.1 121.1

106 80.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

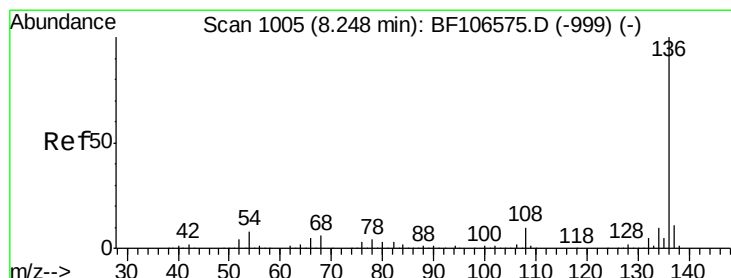
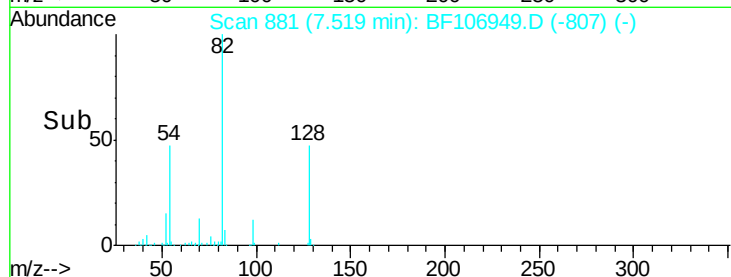
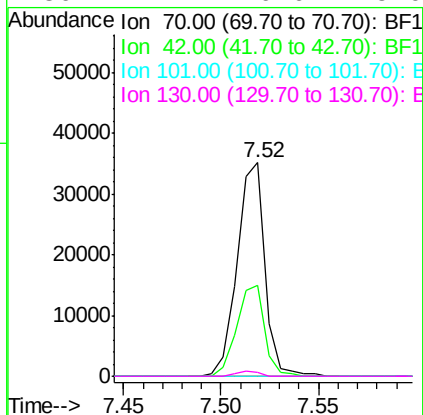
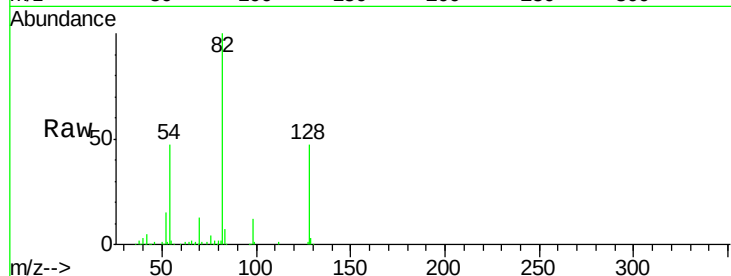




#19
n-Nitroso-di-n-propylamine
Concen: 11.362 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

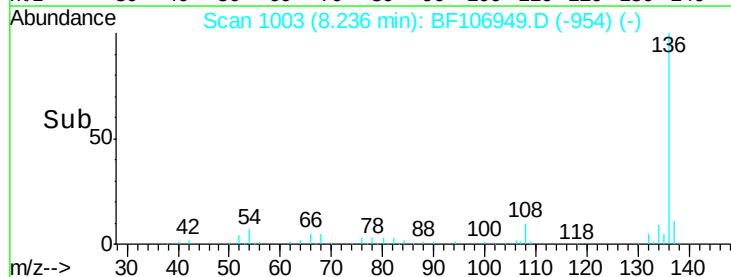
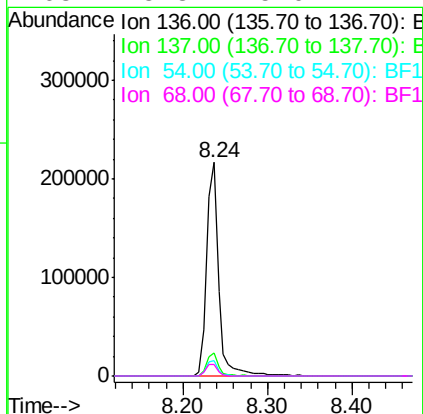
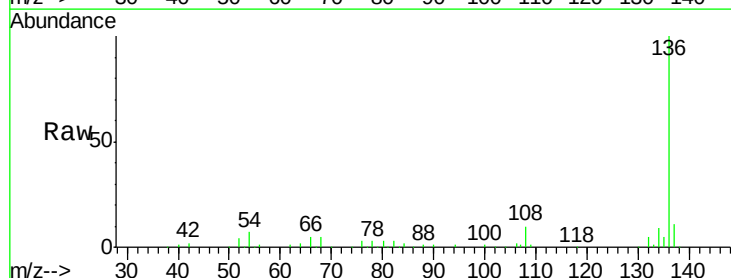
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

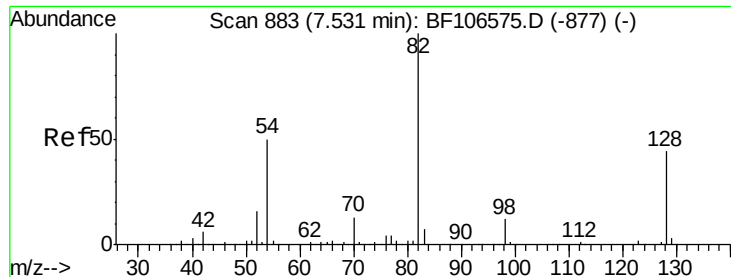
Tgt Ion: 70 Resp: 34613
Ion Ratio Lower Upper
70 100
42 42.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion: 136 Resp: 215392
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.1 6.6 9.8
68 5.3 5.0 7.4

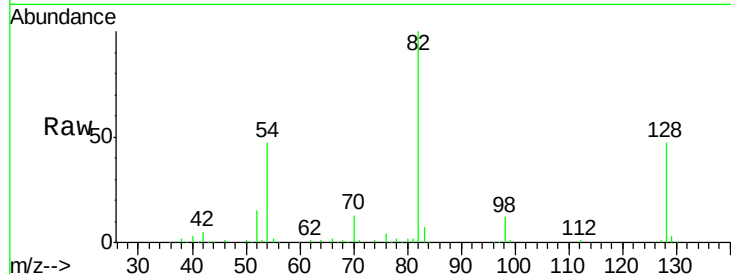




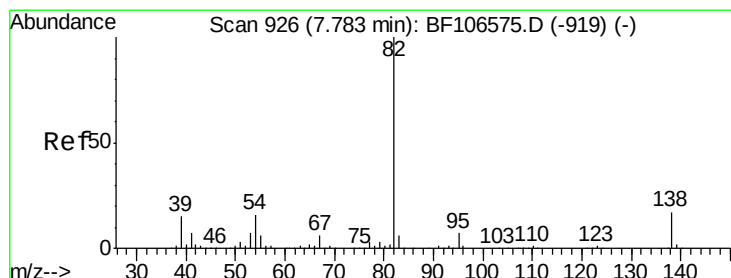
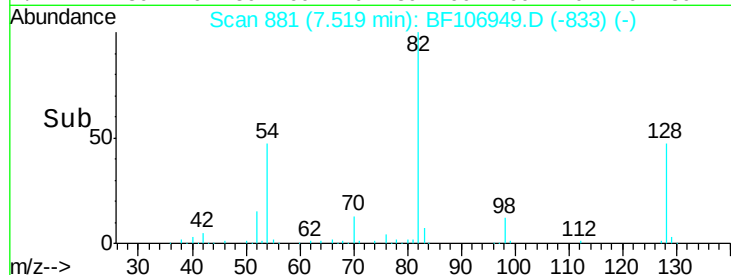
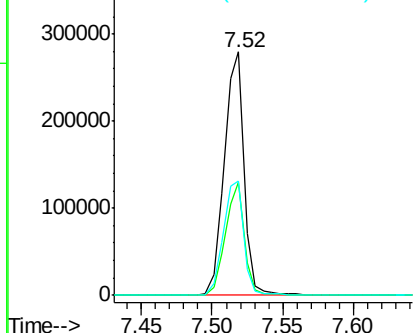
#23
 Nitrobenzene-d5
 Concen: 70.454 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106949.D
 Acq: 29 Jun 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	47.0	41.4	62.2

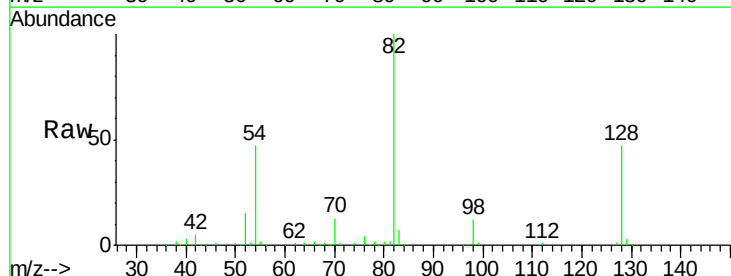


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

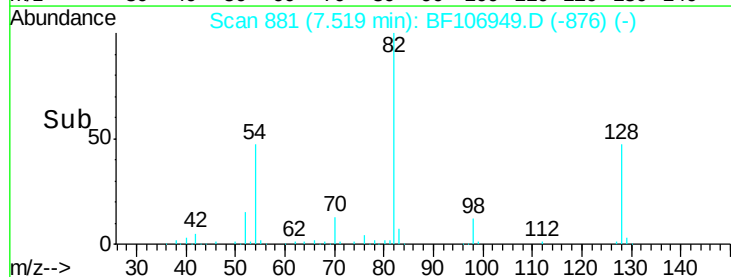
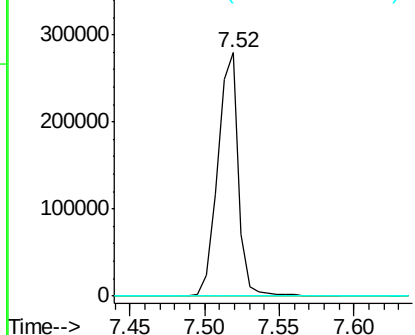


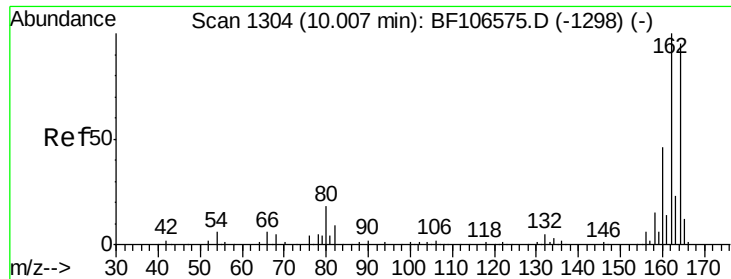
#25
 Isophorone
 Concen: 39.982 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106949.D
 Acq: 29 Jun 2018 4:02

Tgt 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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-B

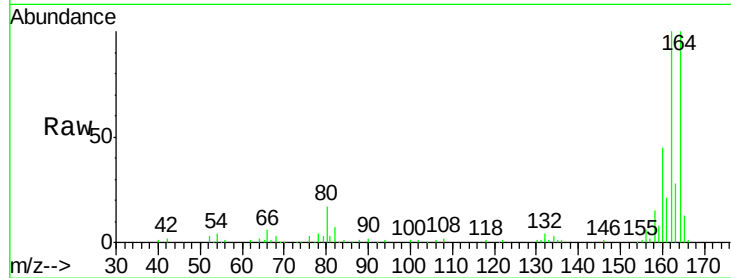
Tgt Ion:164 Resp: 87728

Ion Ratio Lower Upper

164 100

162 99.8 86.1 129.1

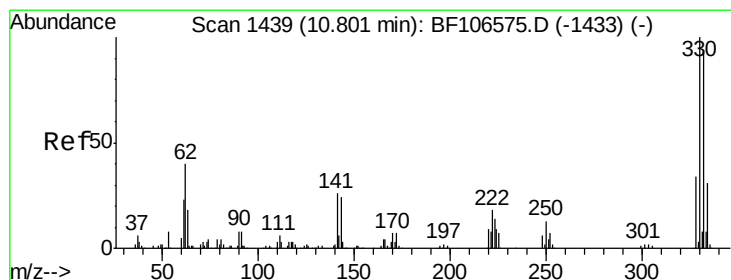
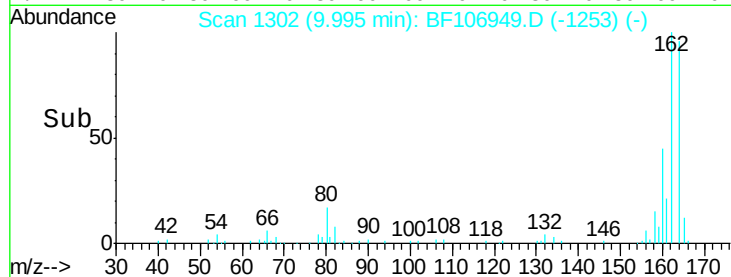
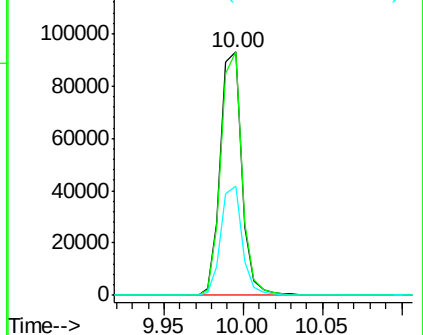
160 45.0 38.3 57.5



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: 105.754 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

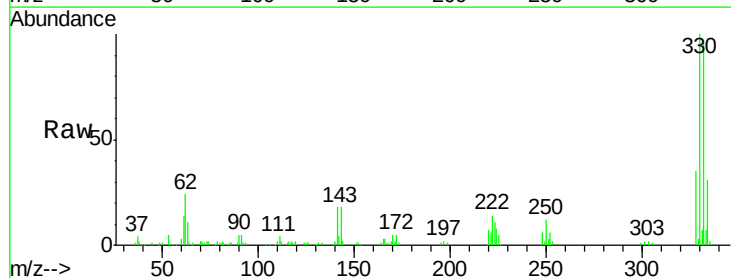
Tgt Ion:330 Resp: 107530

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

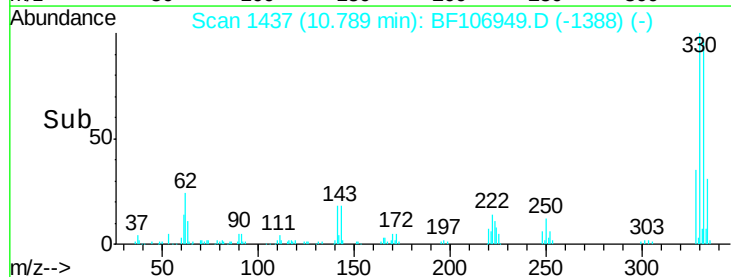
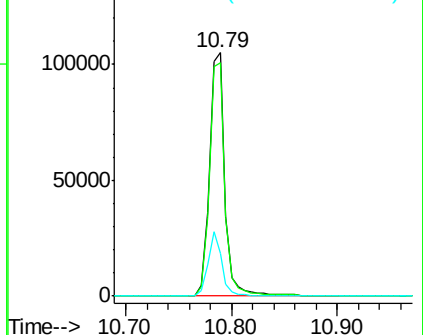
141 23.6 29.9 44.9#

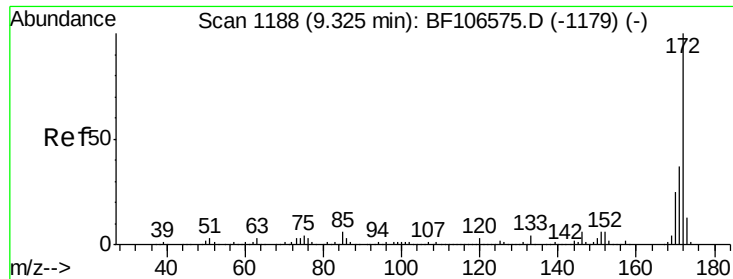


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

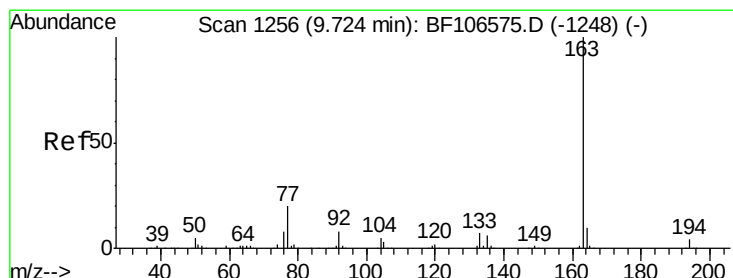
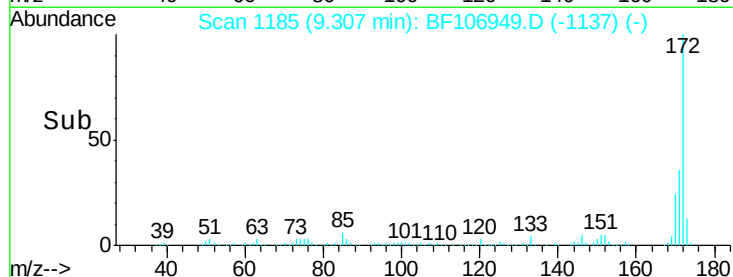
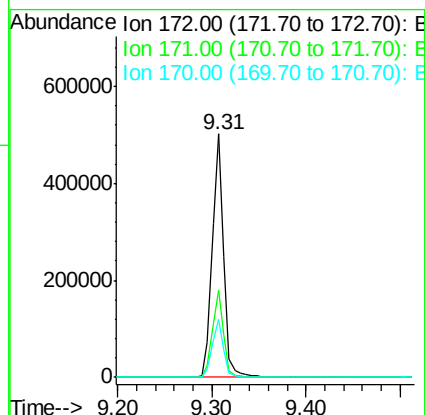
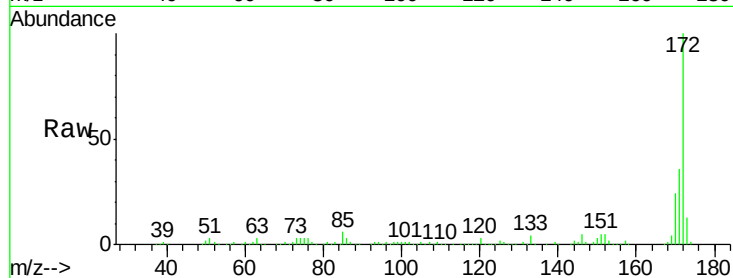




#44
2-Fluorobiphenyl
Concen: 83.919 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

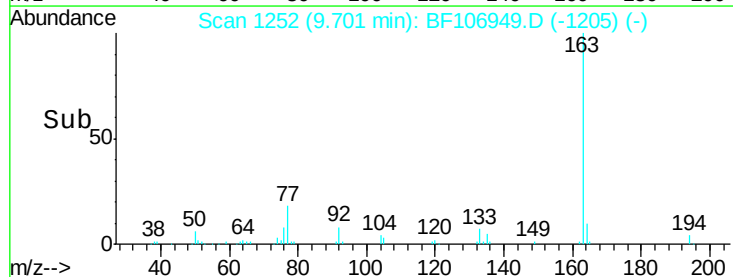
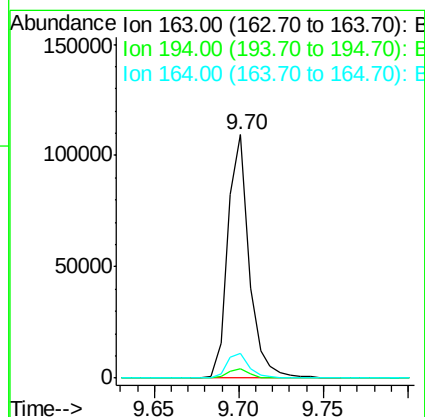
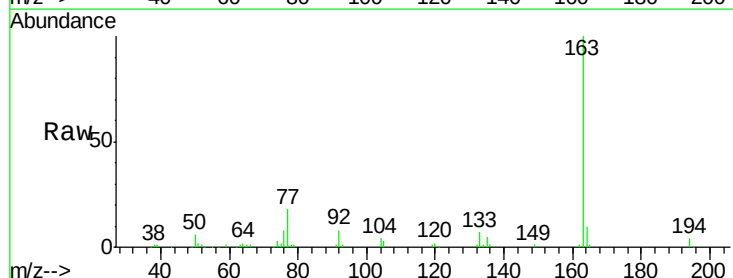
Instrument :
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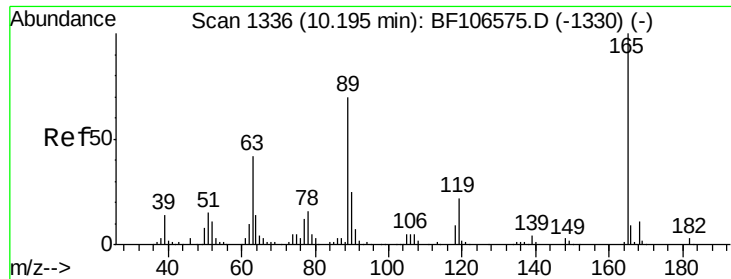
Tgt Ion:172 Resp: 435919
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 14.634 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:163 Resp: 96289
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.4 8.2 12.2

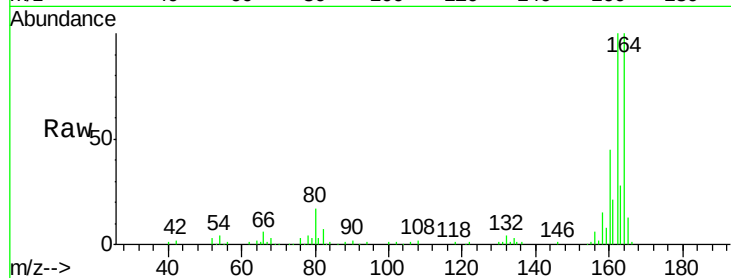




#56
2,4-Dinitrotoluene
Concen: 6.088 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt 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#

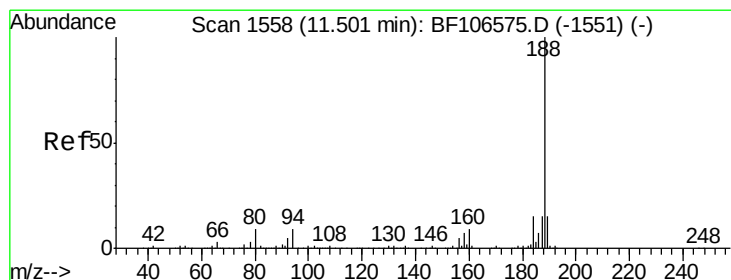
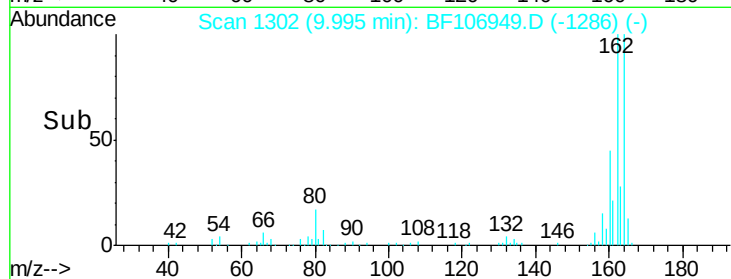
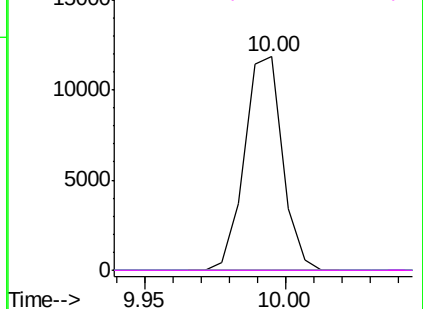


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

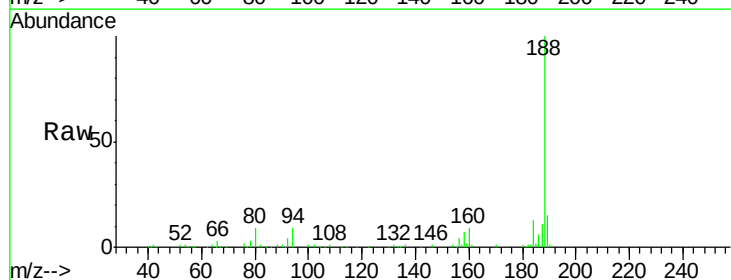
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

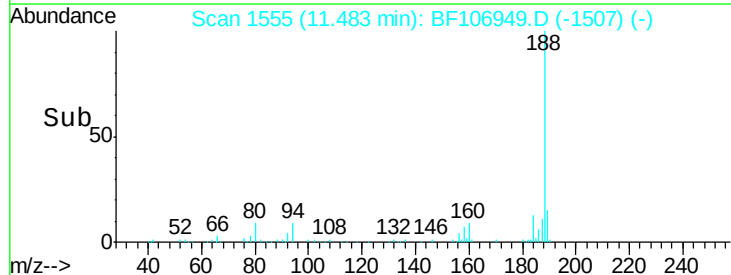
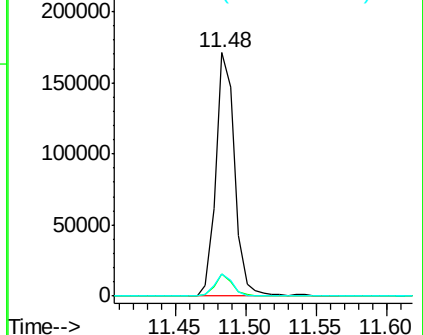
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.1	9.2	13.8#

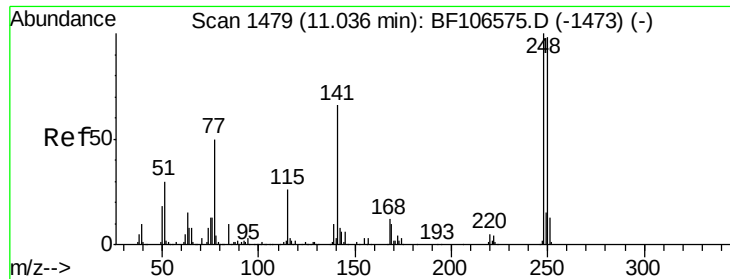


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

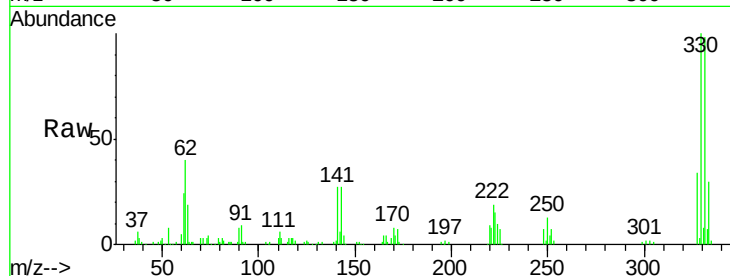




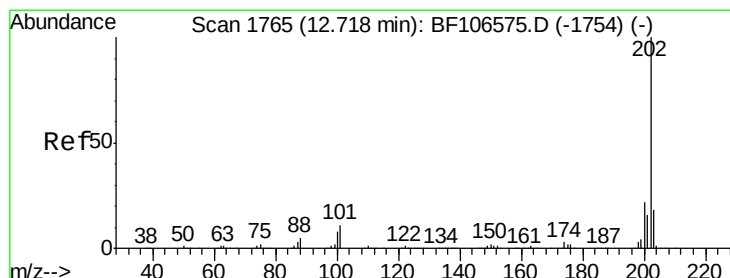
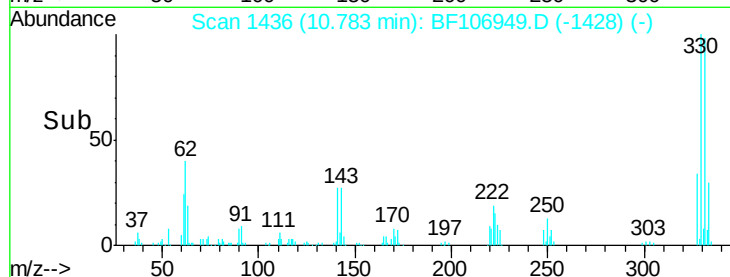
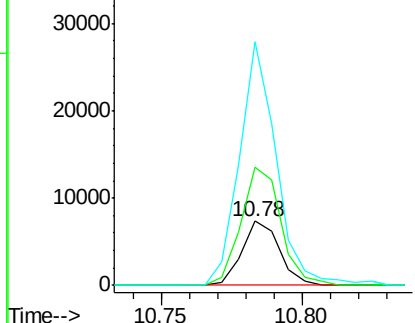
#66
 4-Bromophenyl-phenylether
 Concen: 3.548 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF106949.D
 Acq: 29 Jun 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-B

Tgt Ion:248 Resp: 6705
 Ion Ratio Lower Upper
 248 100
 250 185.0 76.9 115.3#
 141 381.4 74.4 111.6#

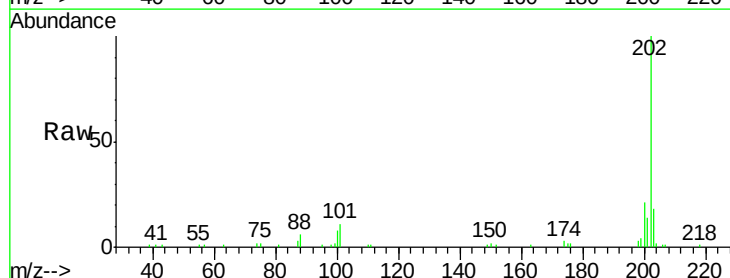


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

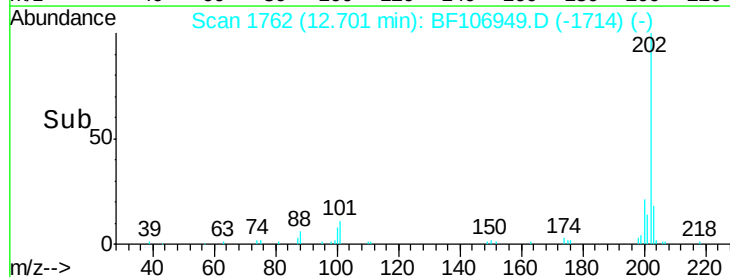
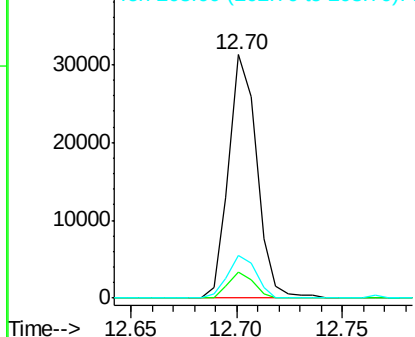


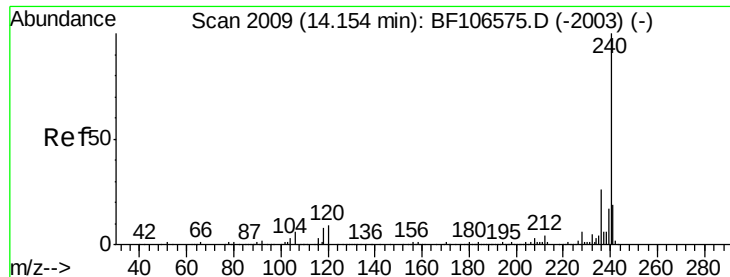
#74
 Fluoranthene
 Concen: 3.422 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF106949.D
 Acq: 29 Jun 2018 4:02

Tgt Ion:202 Resp: 28804
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 34.1
 203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-009-B

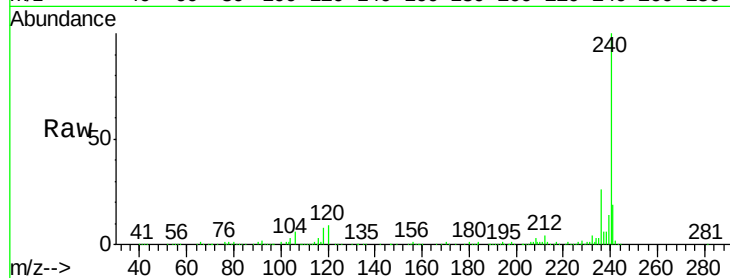
Tgt Ion:240 Resp: 205826

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

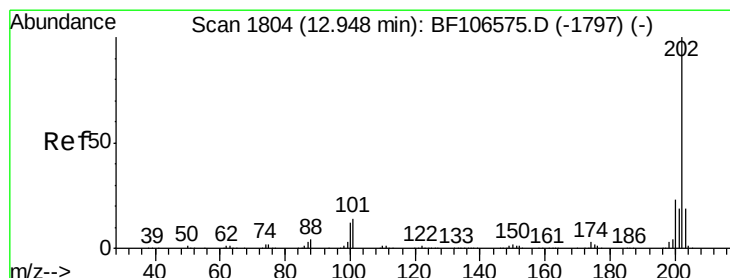
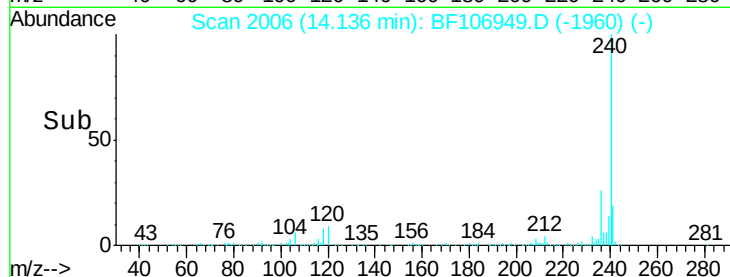
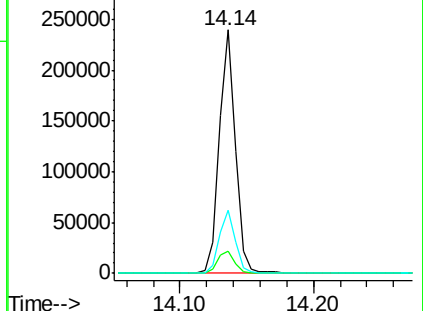
236 25.9 20.7 31.1



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



#77

Pyrene

Concen: 2.217 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106949.D

Acq: 29 Jun 2018 4:02

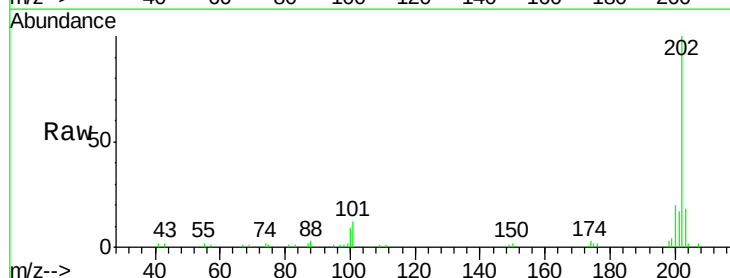
Tgt Ion:202 Resp: 30095

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

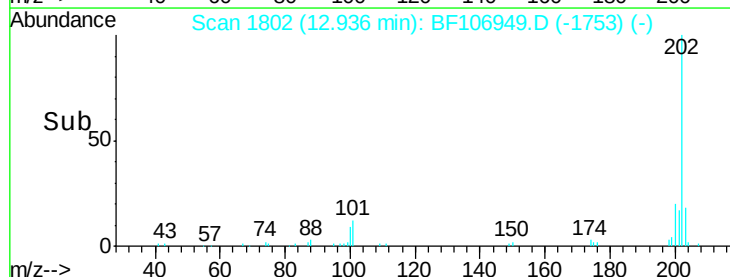
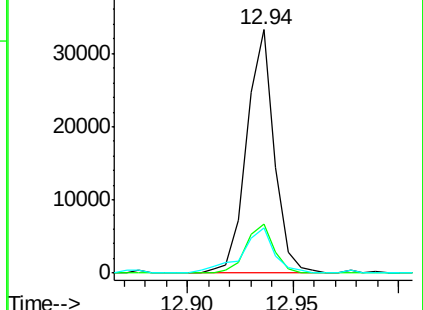
203 18.4 14.3 21.5

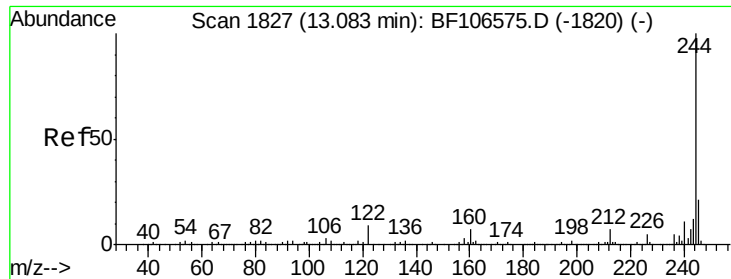


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

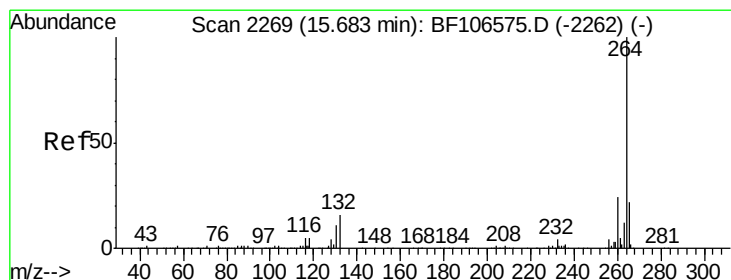
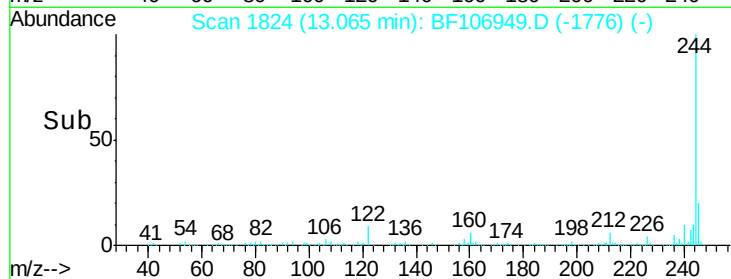
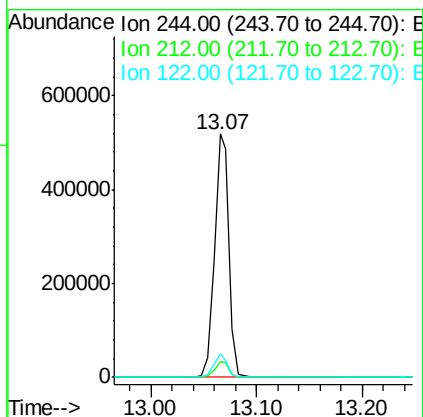
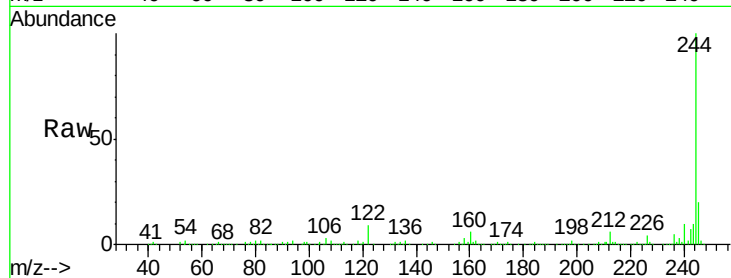




#78
 Terphenyl-d14
 Concen: 58.891 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF106949.D
 Acq: 29 Jun 2018 4:02

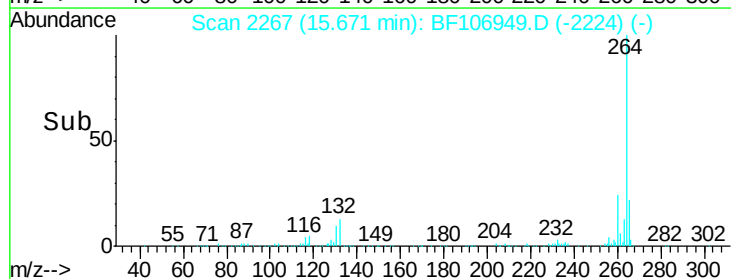
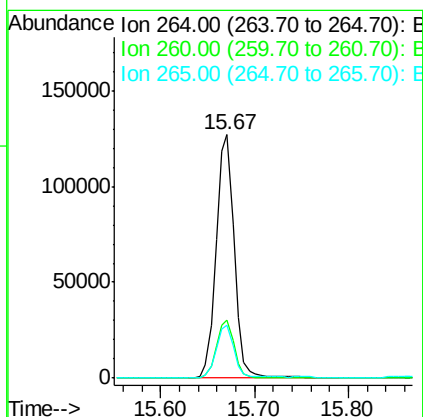
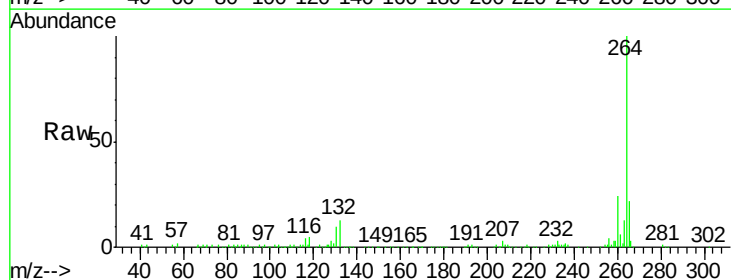
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-009-B

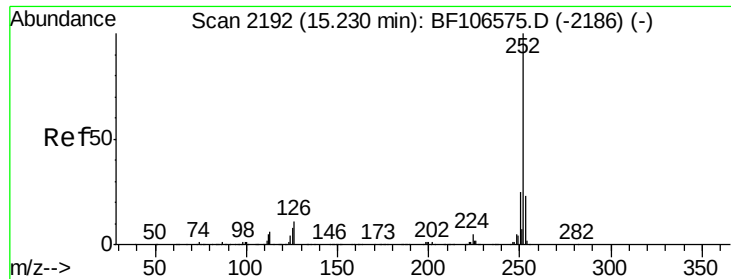
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106949.D
 Acq: 29 Jun 2018 4:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3

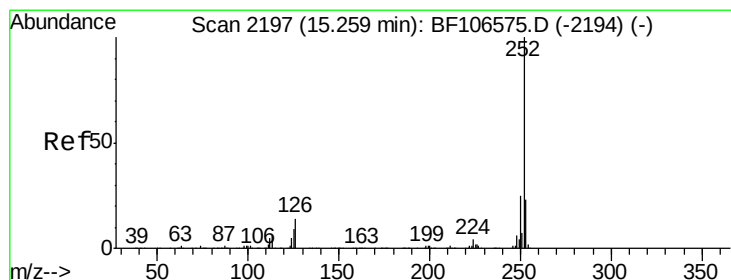
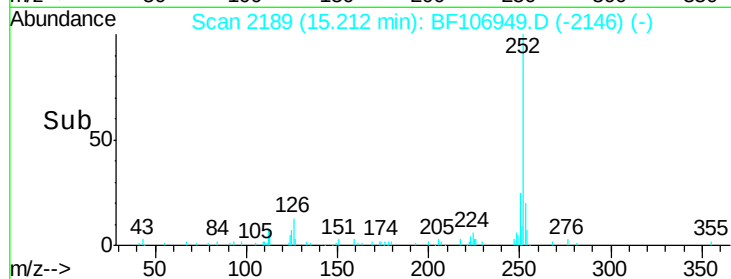
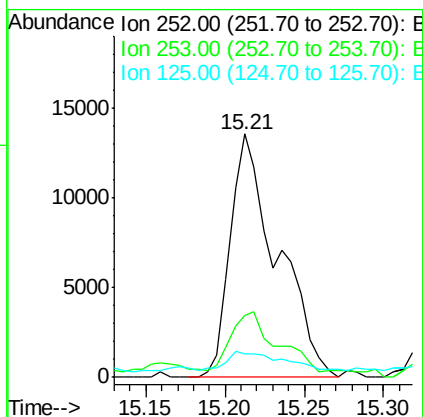
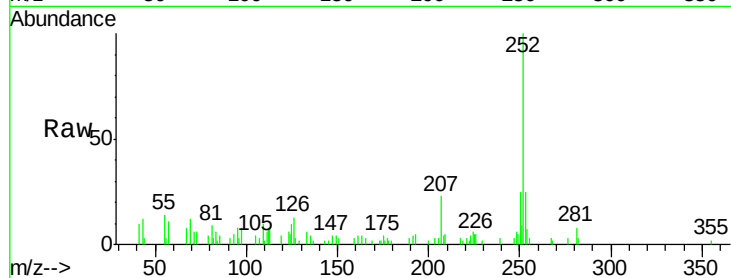




#87
Benzo(b)fluoranthene
Concen: 2.609 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion:252 Resp: 27896
Ion Ratio Lower Upper
252 100
253 25.4 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 2.739 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.08 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:252 Resp: 27896
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 9.7 10.2 15.2#

