

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
 Data File : BF106885.D
 Acq On : 27 Jun 2018 21:06
 Operator : JU/SJ
 Sample : J3242-11 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-F

Quant Time: Jun 28 00:54:36 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	21373	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	81379	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	36737	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	63049	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	66619	20.00	ng	-0.02
86) Perylene-d12	15.68	264	48511	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	121868	96.55	ng	-0.01
7) Phenol-d6	6.59	99	155929	98.92	ng	-0.02
23) Nitrobenzene-d5	7.51	82	91356	62.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	40771	95.75	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	186879	86.33	ng	-0.02
78) Terphenyl-d14	13.07	244	194327	70.66	ng	-0.01

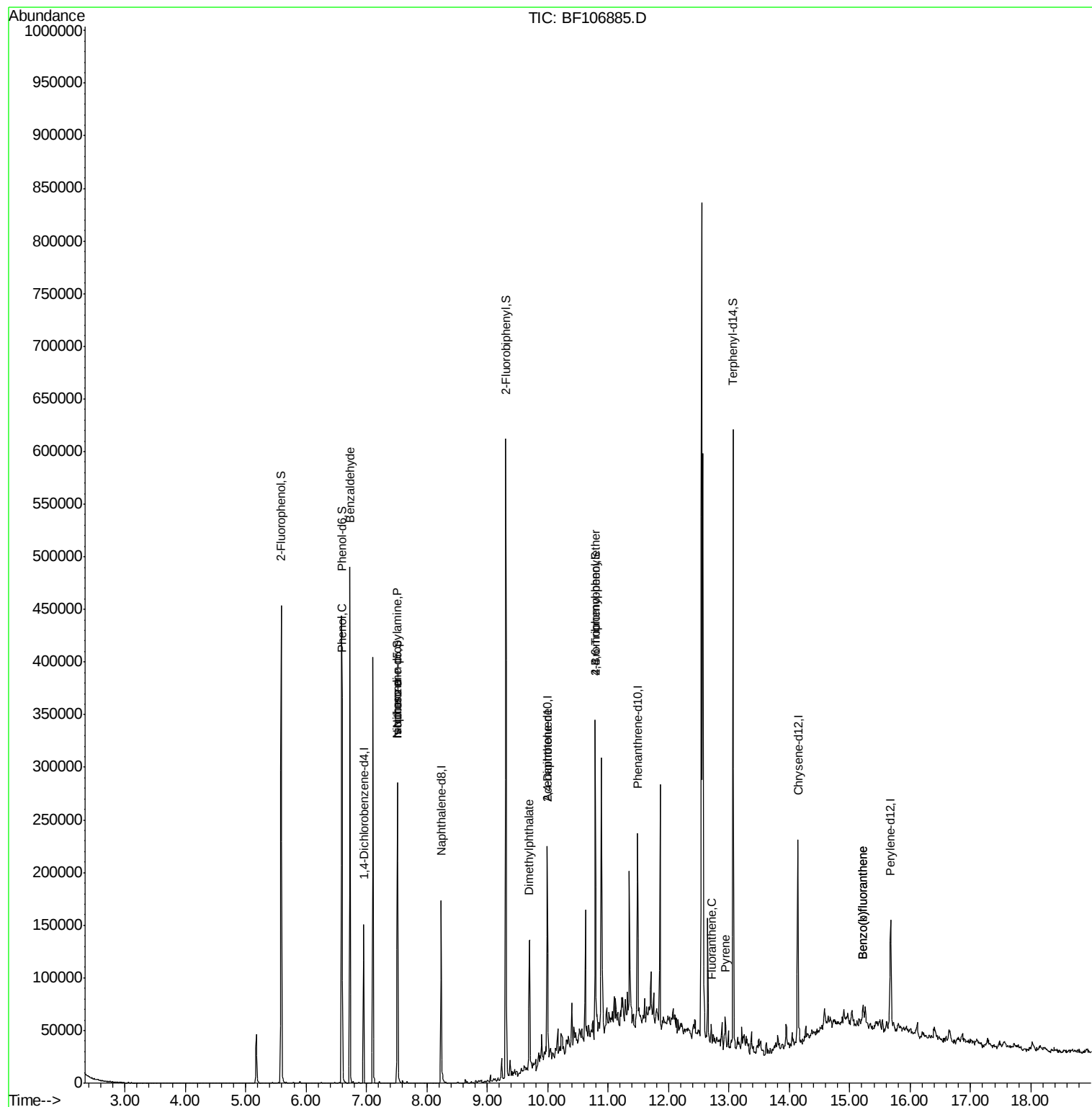
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	2697	2.042	ng	# 74
10) Phenol	6.60	94	4104	2.281	ng	# 63
19) n-Nitroso-di-n-propylamine	7.51	70	11626	11.190	ng	# 75
25) Isophorone	7.51	82	91368	35.409	ng	# 64
49) Dimethylphthalate	9.70	163	37208	13.504	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	5200	6.828	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	2390	3.176	ng	# 1
74) Fluoranthene	12.71	202	7242	2.161	ng	94
77) Pyrene	12.94	202	11123	2.532	ng	97
87) Benzo(b)fluoranthene	15.22	252	8811	2.924	ng	# 74
88) Benzo(k)fluoranthene	15.22	252	8811	3.070	ng	# 77

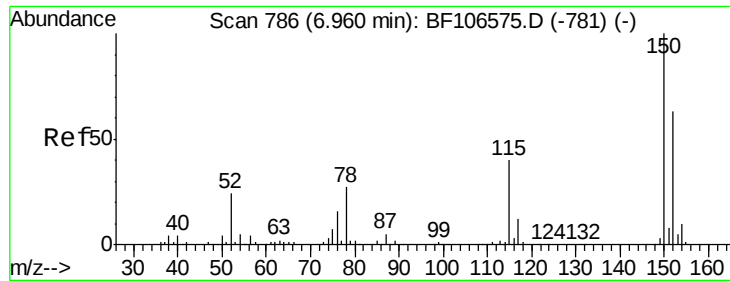
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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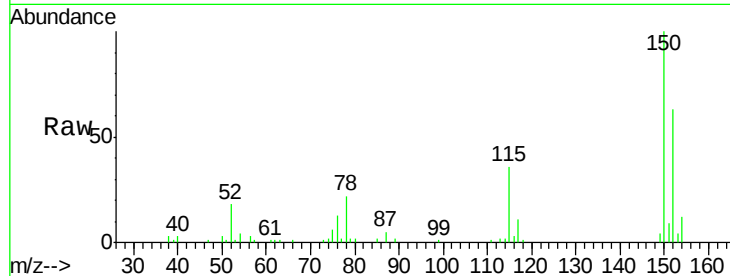


#1

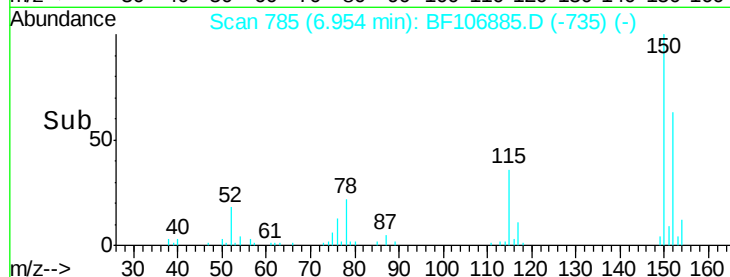
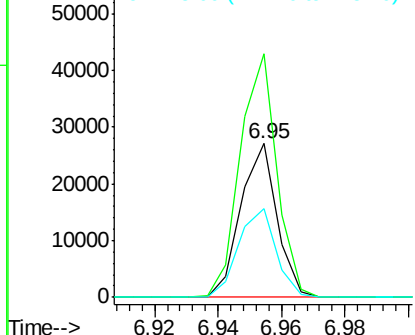
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:152 Resp: 21373
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 57.6 50.1 75.1



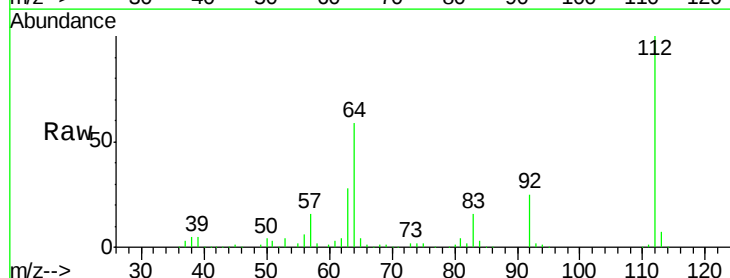
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



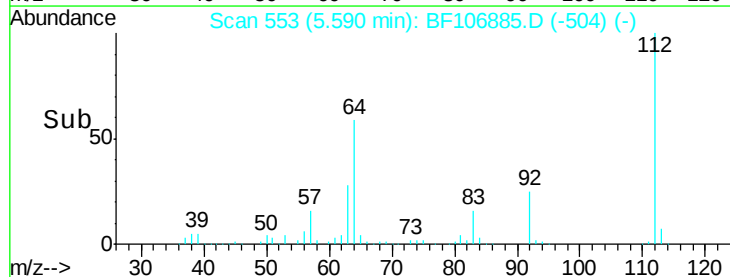
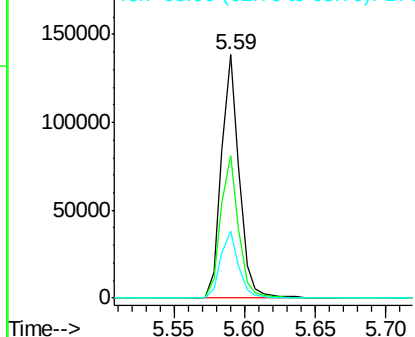
#5

2-Fluorophenol
Concen: 96.552 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:112 Resp: 121868
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 27.7 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: 98.925 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-F

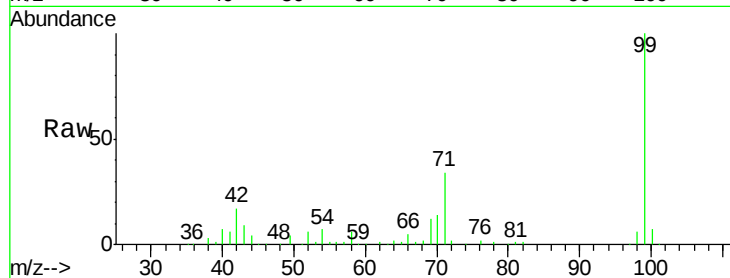
Tgt Ion: 99 Resp: 155929

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

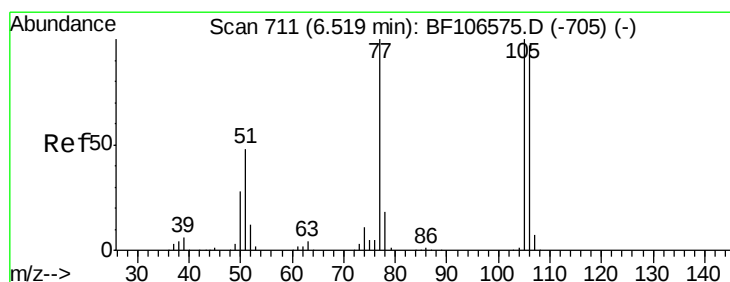
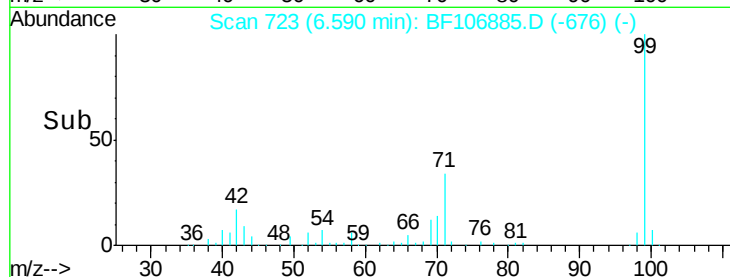
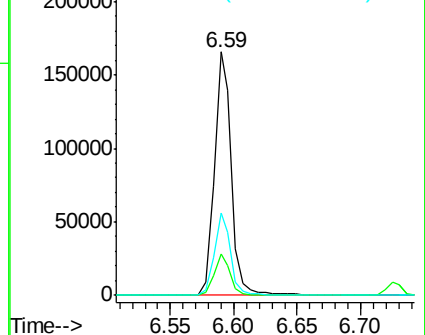
71 33.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.042 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

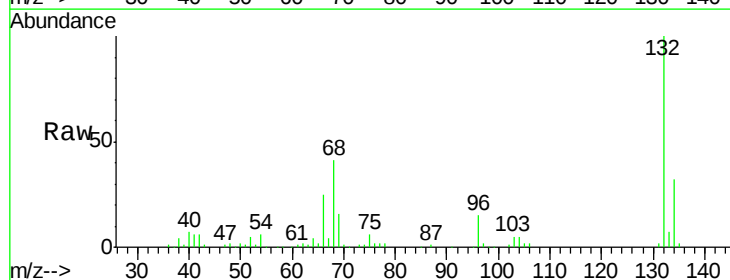
Tgt Ion: 77 Resp: 2697

Ion Ratio Lower Upper

77 100

105 70.9 81.1 121.1#

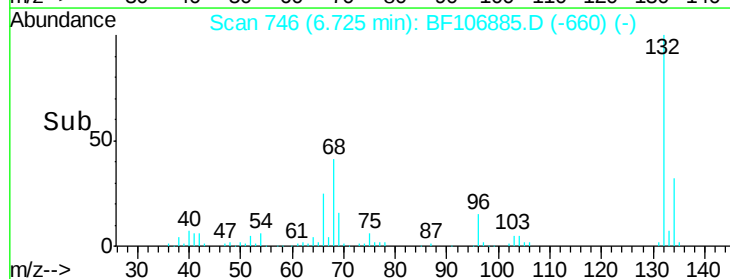
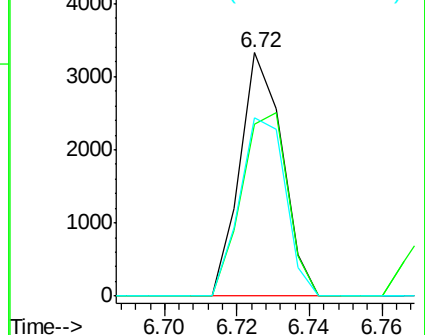
106 73.3 74.5 114.5#

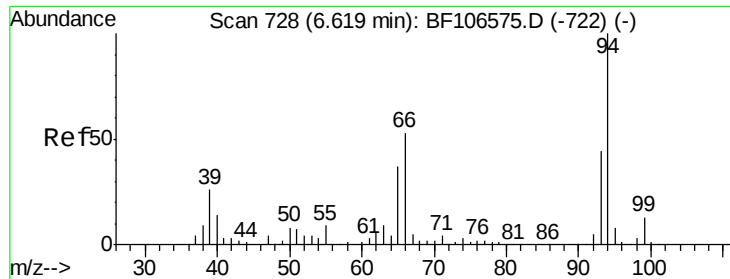


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.281 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Instrument :

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JC-02-062618-F

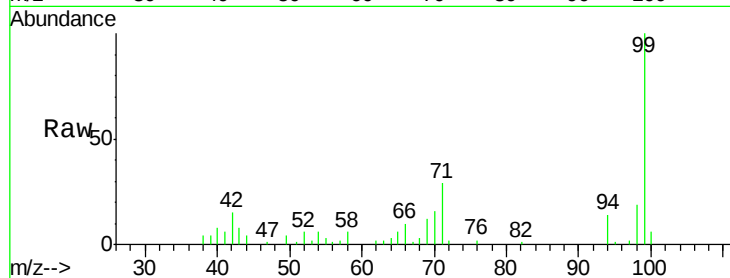
Tgt Ion: 94 Resp: 4104

Ion Ratio Lower Upper

94 100

65 38.0 7.9 47.9

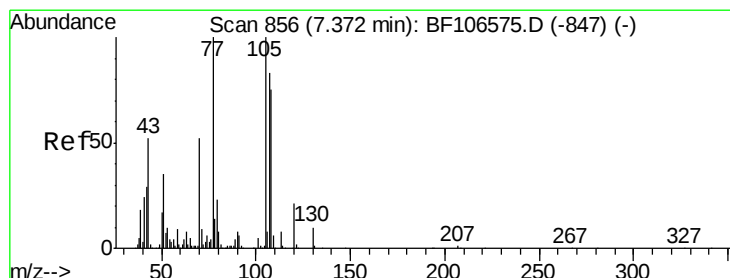
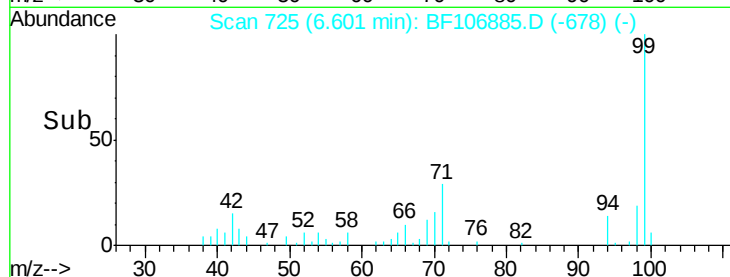
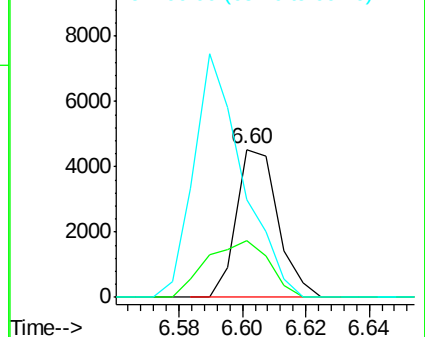
66 66.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.190 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Tgt Ion: 70 Resp: 11626

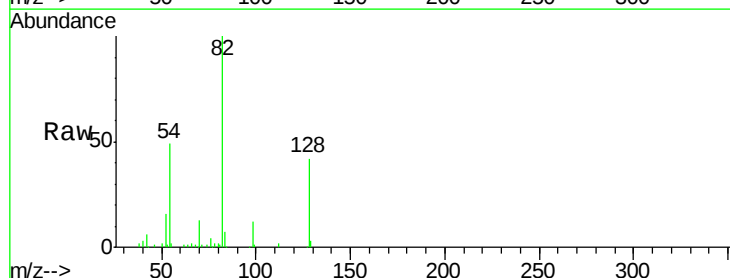
Ion Ratio Lower Upper

70 100

42 45.7 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

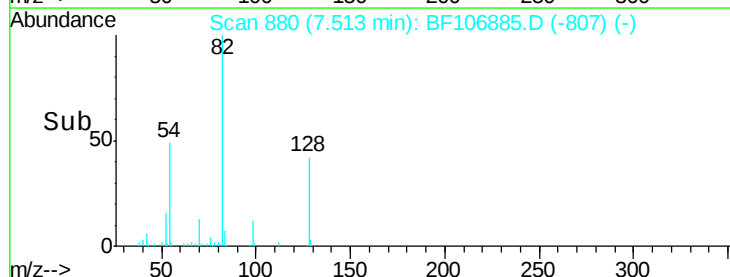
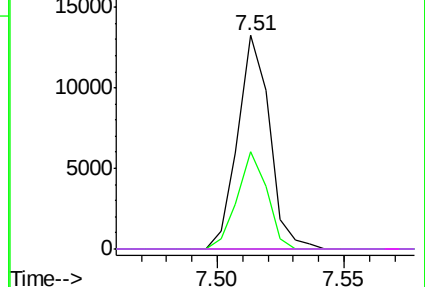


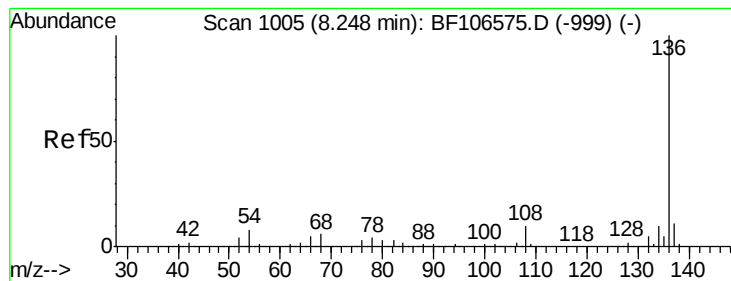
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

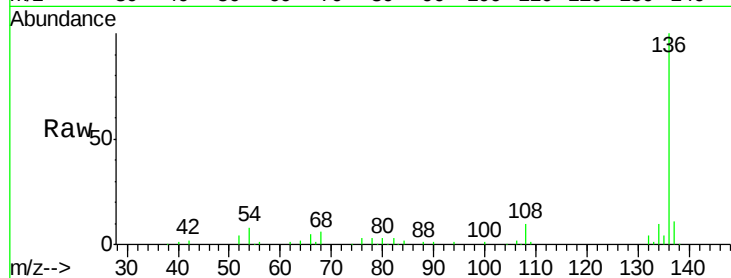




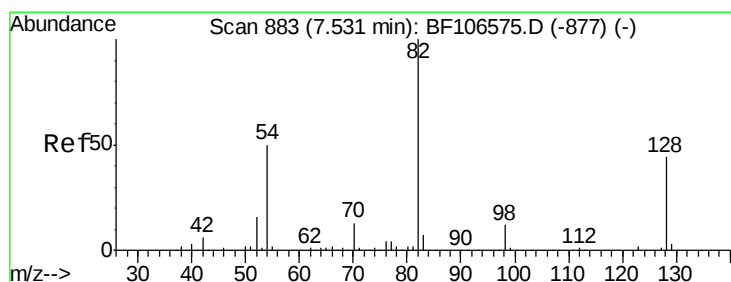
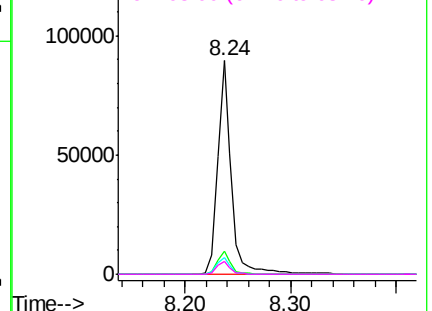
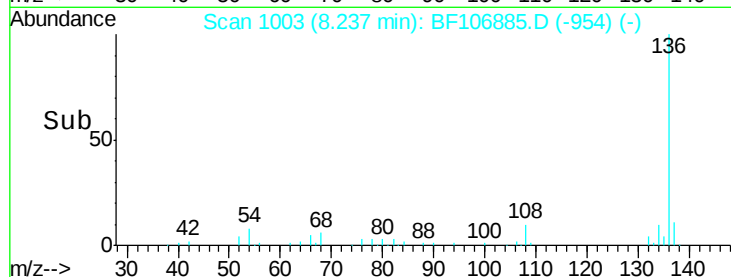
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion: 136 Resp: 81379
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.8 6.6 9.8
68 5.8 5.0 7.4

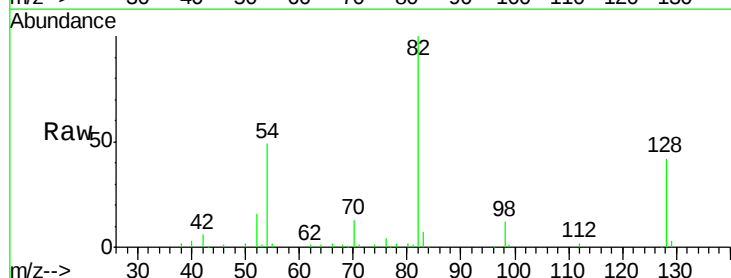


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

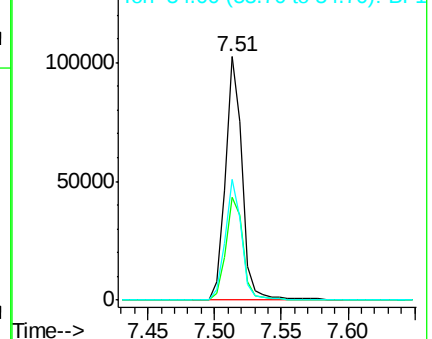
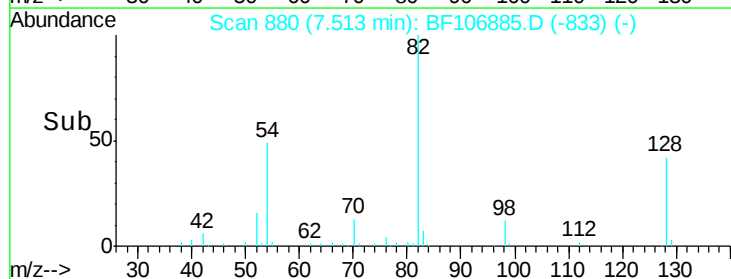


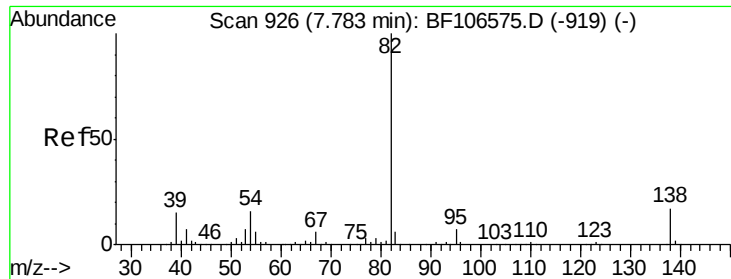
#23
Nitrobenzene-d5
Concen: 62.387 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion: 82 Resp: 91356
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 49.4 41.4 62.2



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





#25

Isophorone

Concen: 35.409 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-F

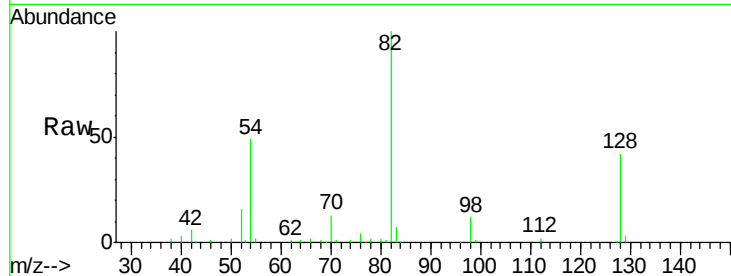
Tgt Ion: 82 Resp: 91368

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

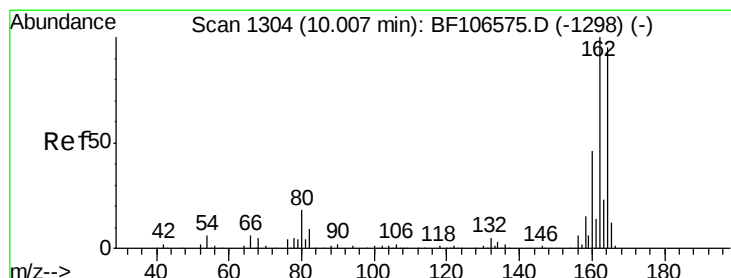
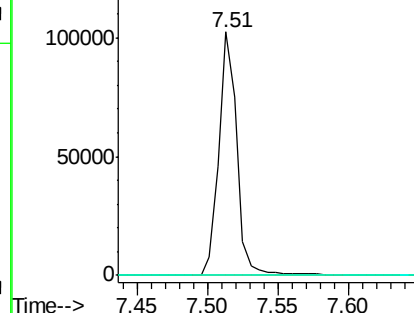
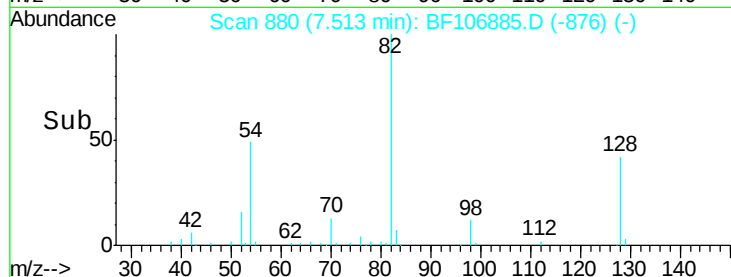
138 0.0 14.9 22.3#



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: BF106885.D

Acq: 27 Jun 2018 21:06

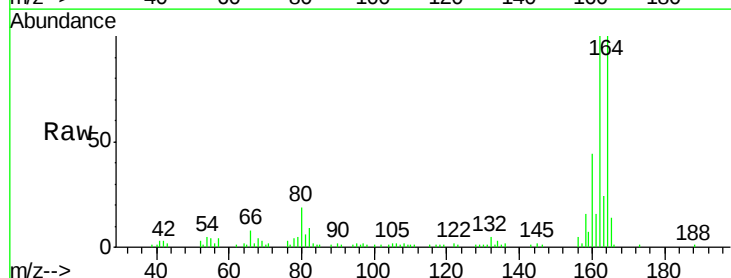
Tgt Ion: 164 Resp: 36737

Ion Ratio Lower Upper

164 100

162 99.6 86.1 129.1

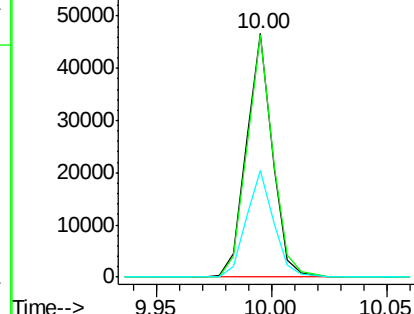
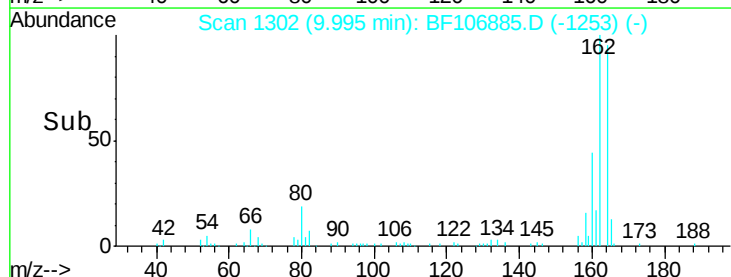
160 43.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

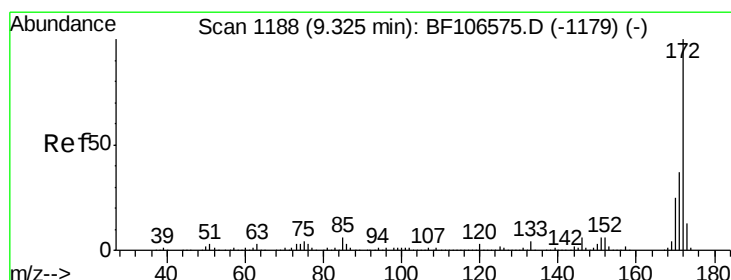
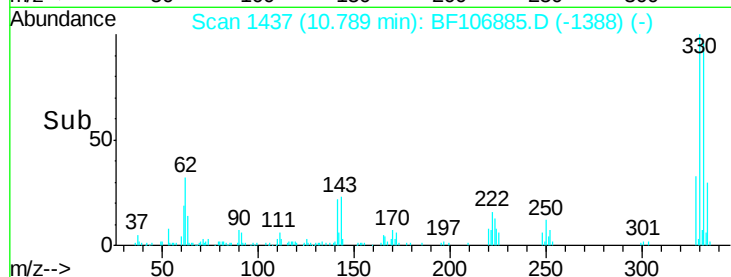
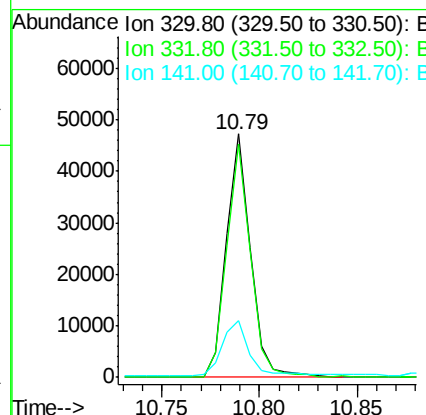
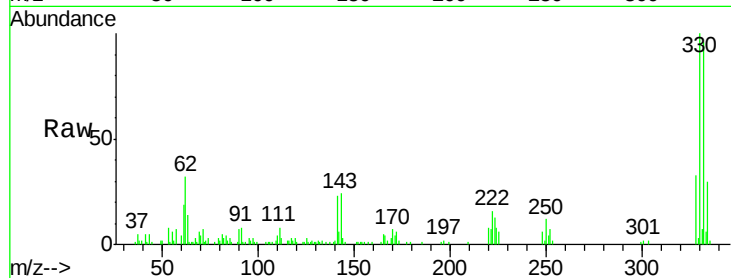




#41
 2,4,6-Tribromophenol
 Concen: 95.753 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106885.D
 Acq: 27 Jun 2018 21:06

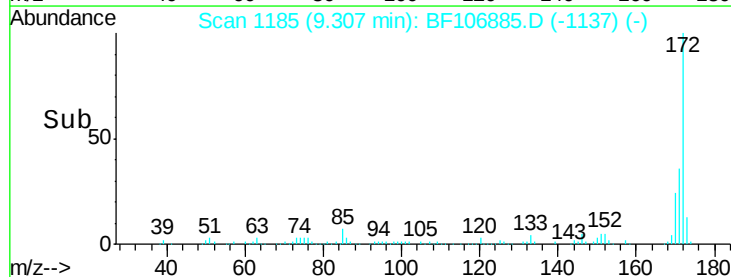
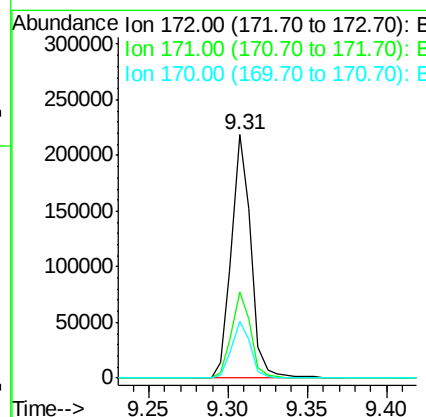
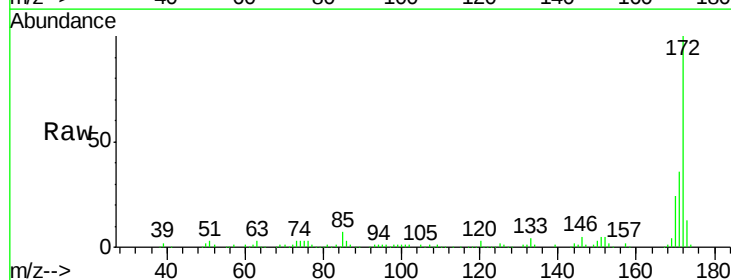
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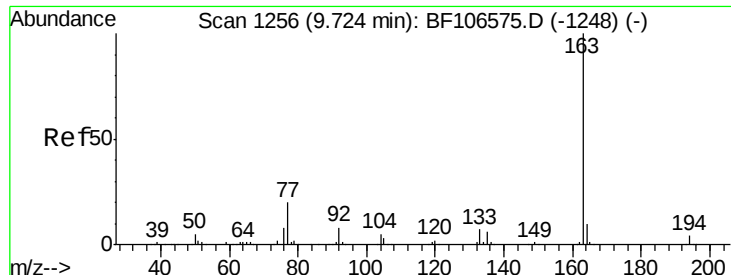
Tgt Ion:330 Resp: 40771
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 24.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 86.334 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106885.D
 Acq: 27 Jun 2018 21:06

Tgt Ion:172 Resp: 186879
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.5 19.6 29.4

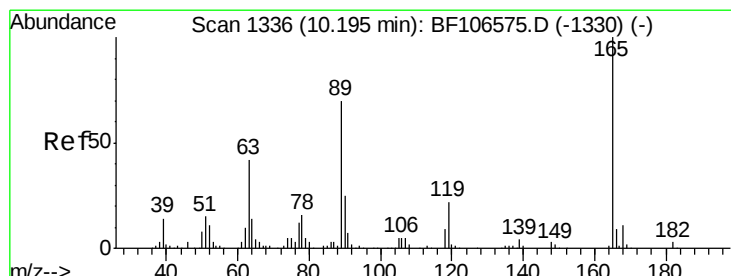
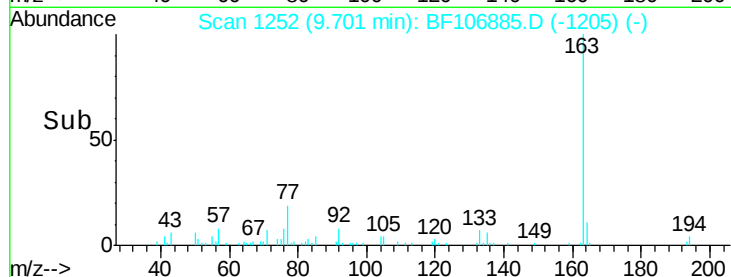
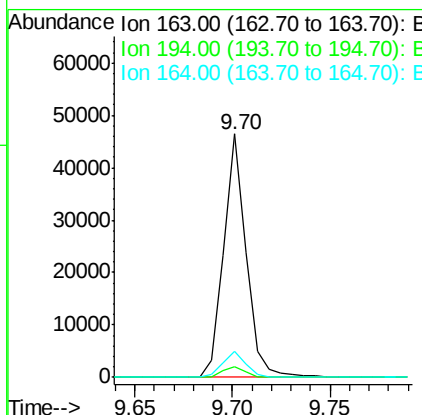
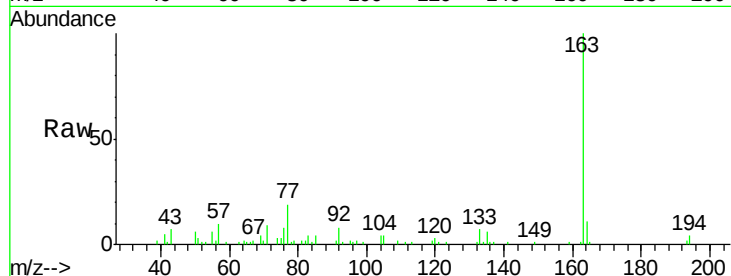




#49
Dimethylphthalate
Concen: 13.504 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

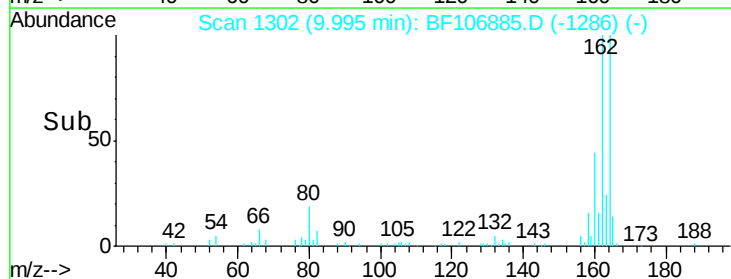
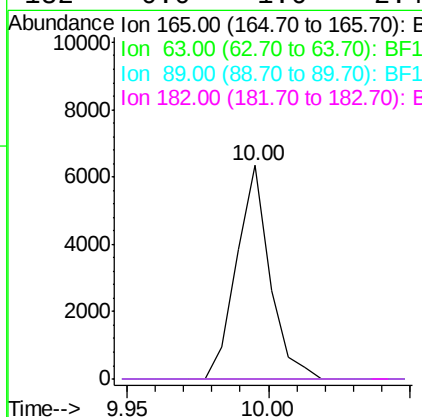
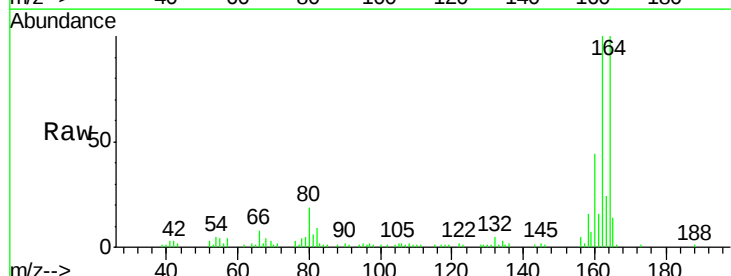
Instrument :
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ClientSampleId :
JC-02-062618-F

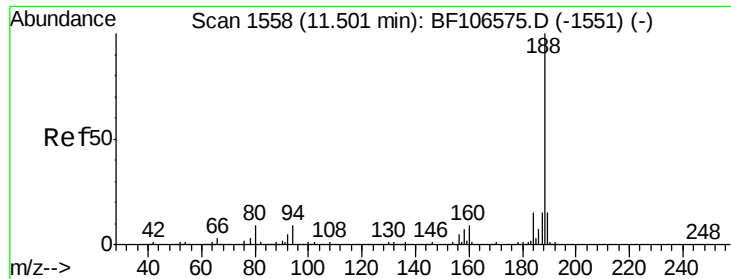
Tgt Ion:163 Resp: 37208
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:165 Resp: 5200
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#

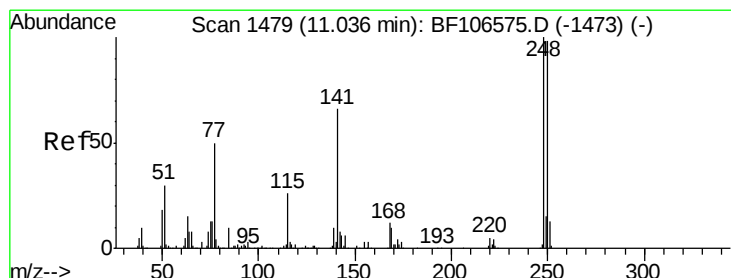
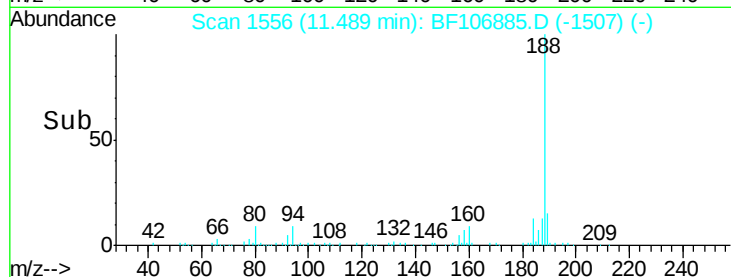
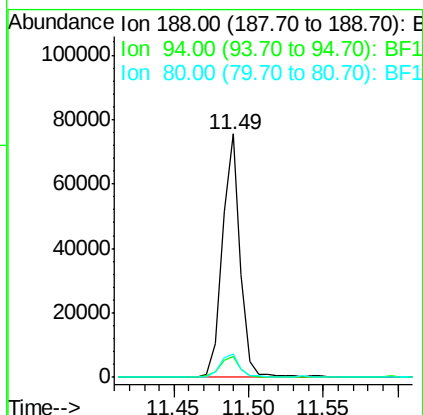
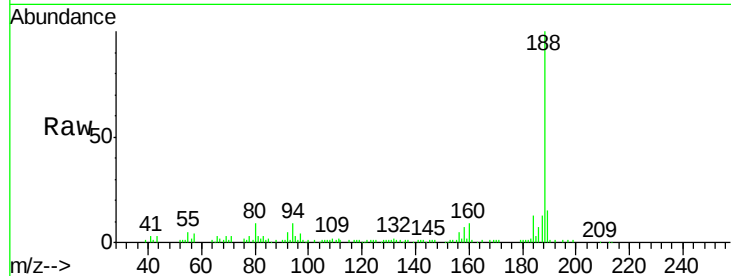




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

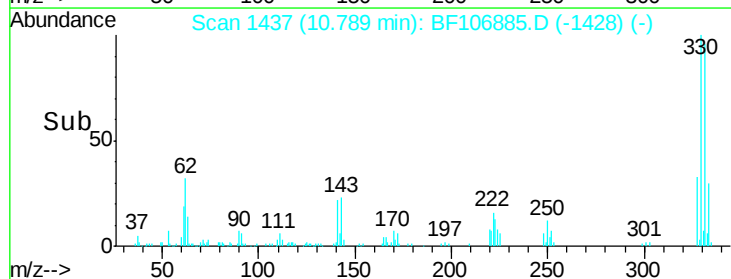
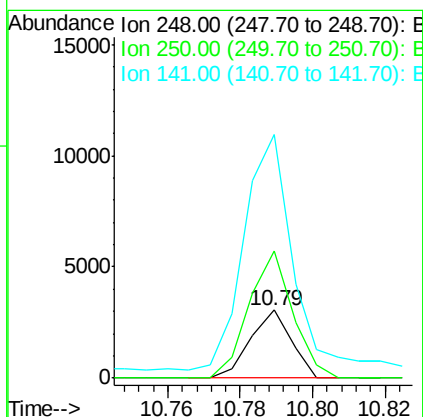
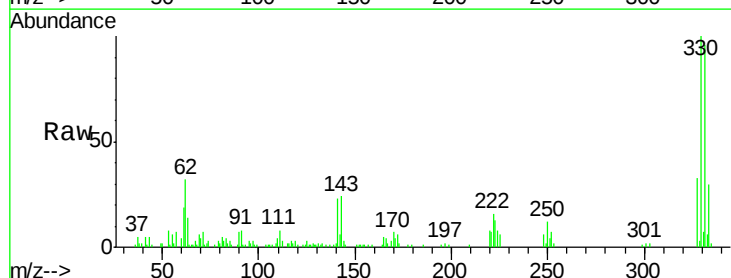
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

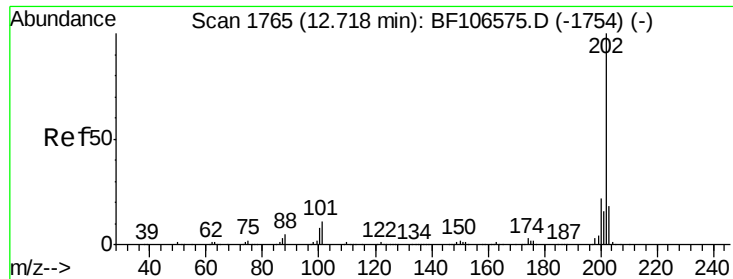
Tgt Ion:188 Resp: 63049
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:248 Resp: 2390
Ion Ratio Lower Upper
248 100
250 187.3 76.9 115.3#
141 358.3 74.4 111.6#





#74

Fluoranthene

Concen: 2.161 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-F

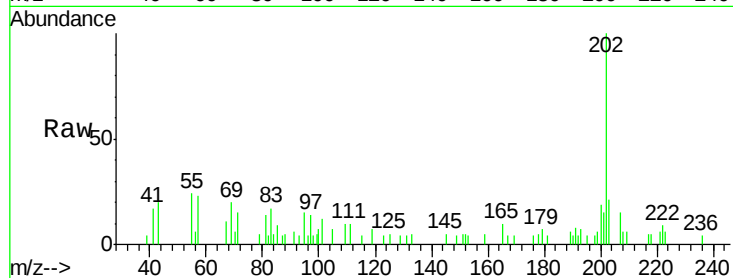
Tgt Ion:202 Resp: 7242

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

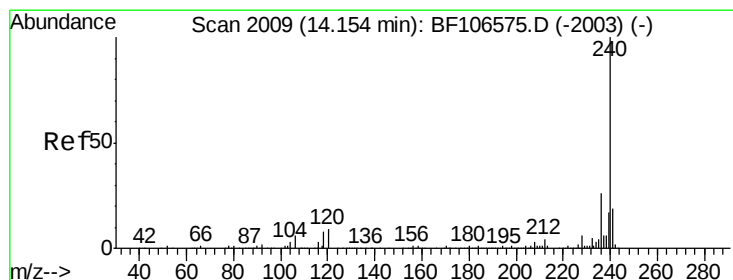
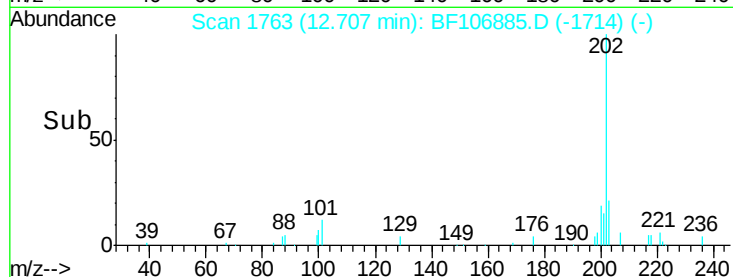
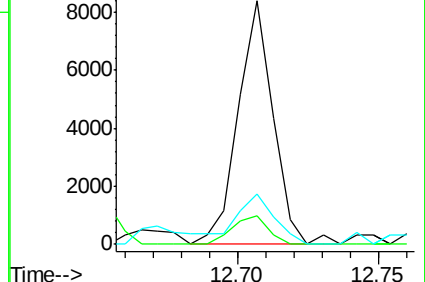
203 20.9 0.0 38.1



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# 2007

Delta R.T. -0.02 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

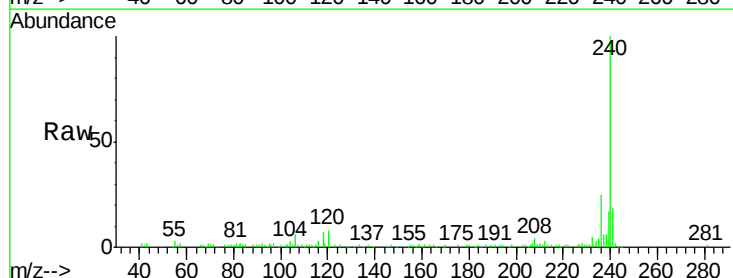
Tgt Ion:240 Resp: 66619

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

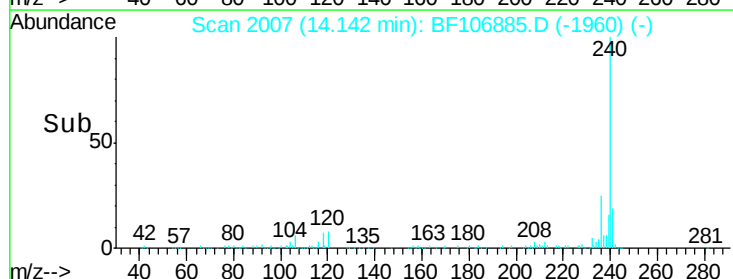
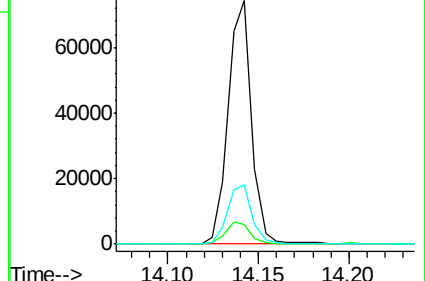
236 24.6 20.7 31.1

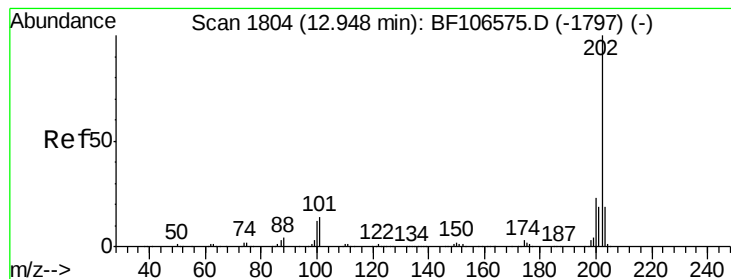


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.532 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-F

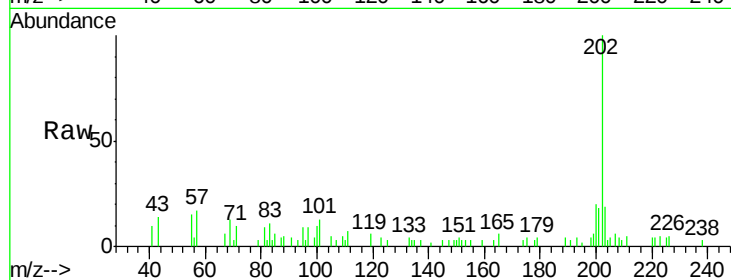
Tgt Ion:202 Resp: 11123

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

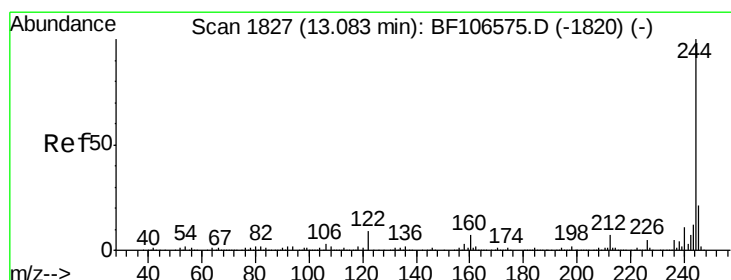
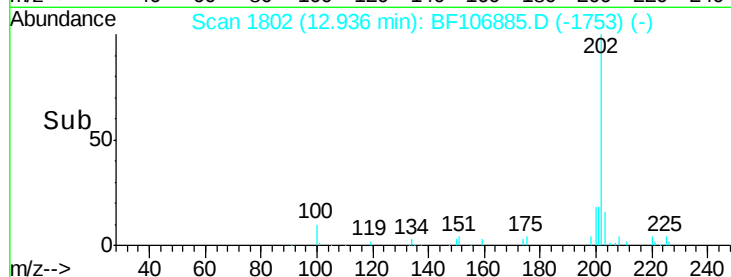
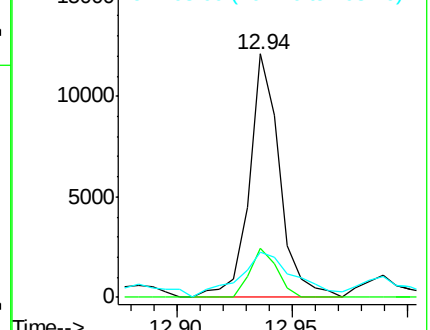
203 18.8 14.3 21.5



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: 70.658 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

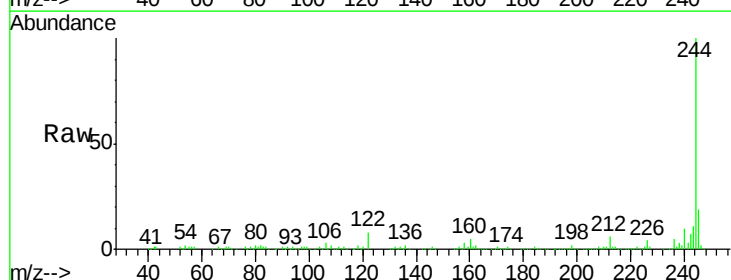
Tgt Ion:244 Resp: 194327

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

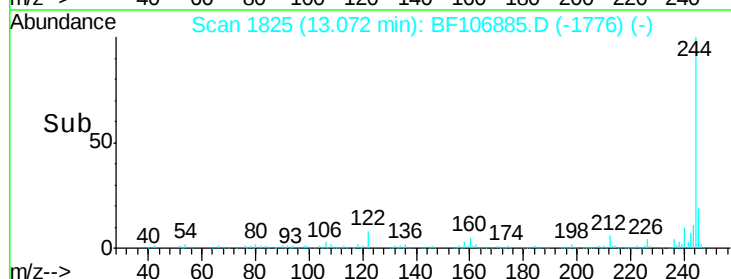
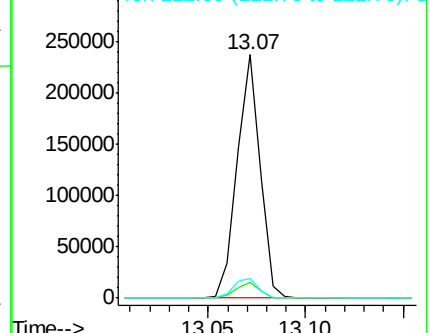
122 8.3 11.0 16.4#

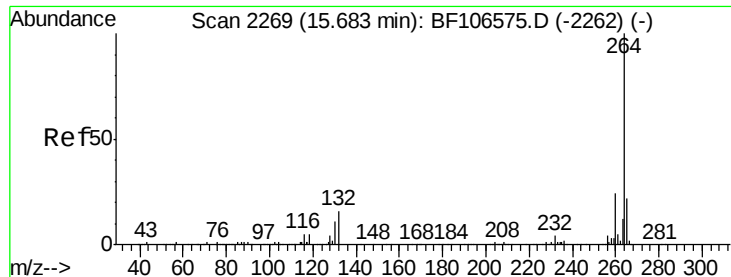


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

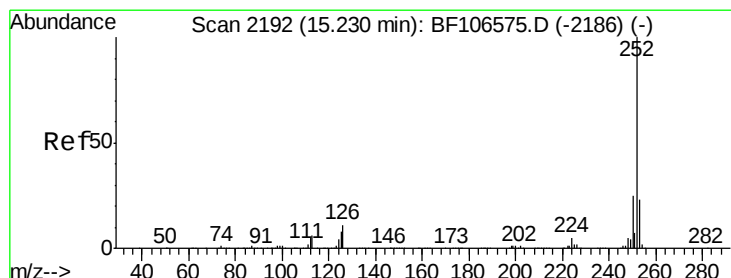
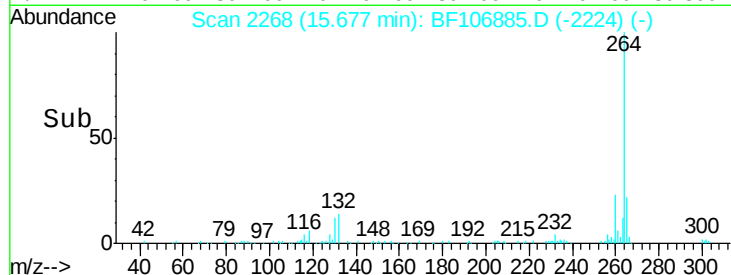
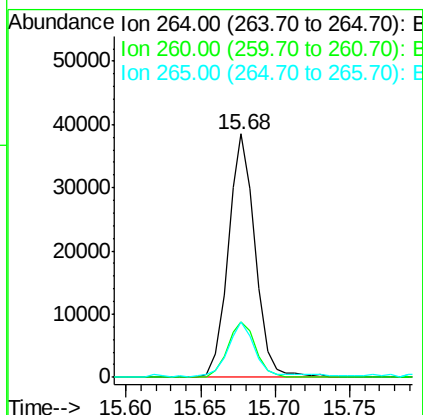
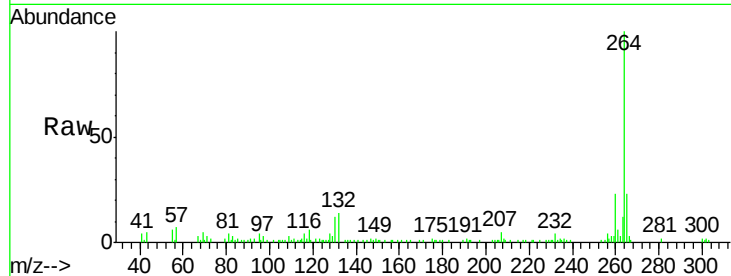




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

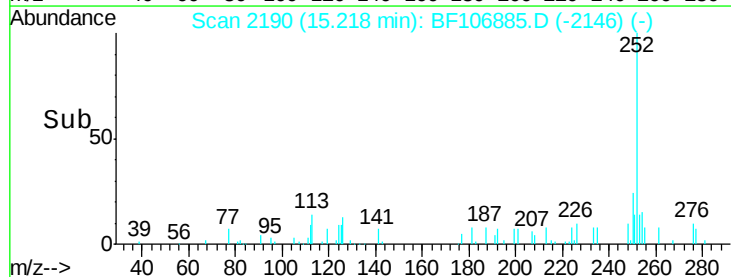
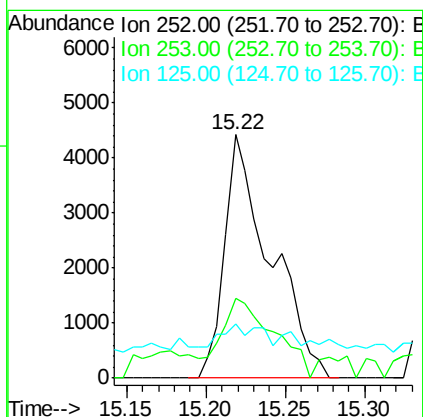
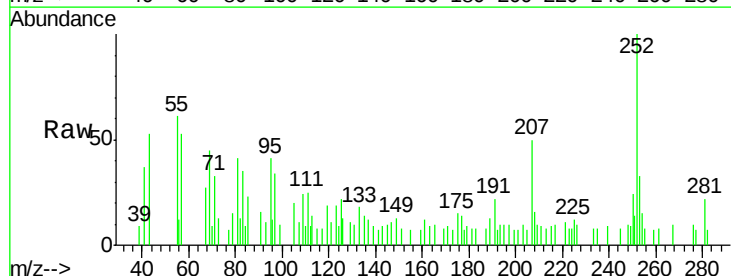
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

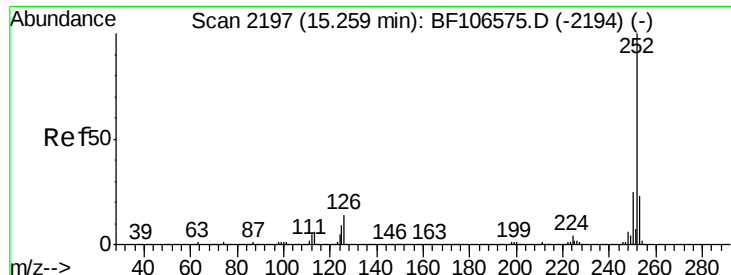
Tgt Ion:264 Resp: 48511
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 22.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.924 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:252 Resp: 8811
Ion Ratio Lower Upper
252 100
253 32.8 17.0 25.6#
125 22.4 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 3.070 ng

RT: 15.22 min Scan# 2190

Delta R.T. -0.08 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-F

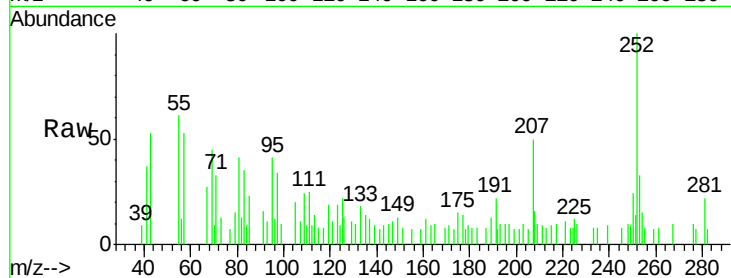
Tgt Ion:252 Resp: 8811

Ion Ratio Lower Upper

252 100

253 32.8 17.9 26.9#

125 22.4 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

