

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
 Data File : BF106882.D
 Acq On : 27 Jun 2018 19:47
 Operator : JU/SJ
 Sample : J3242-07 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 28 00:53:49 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

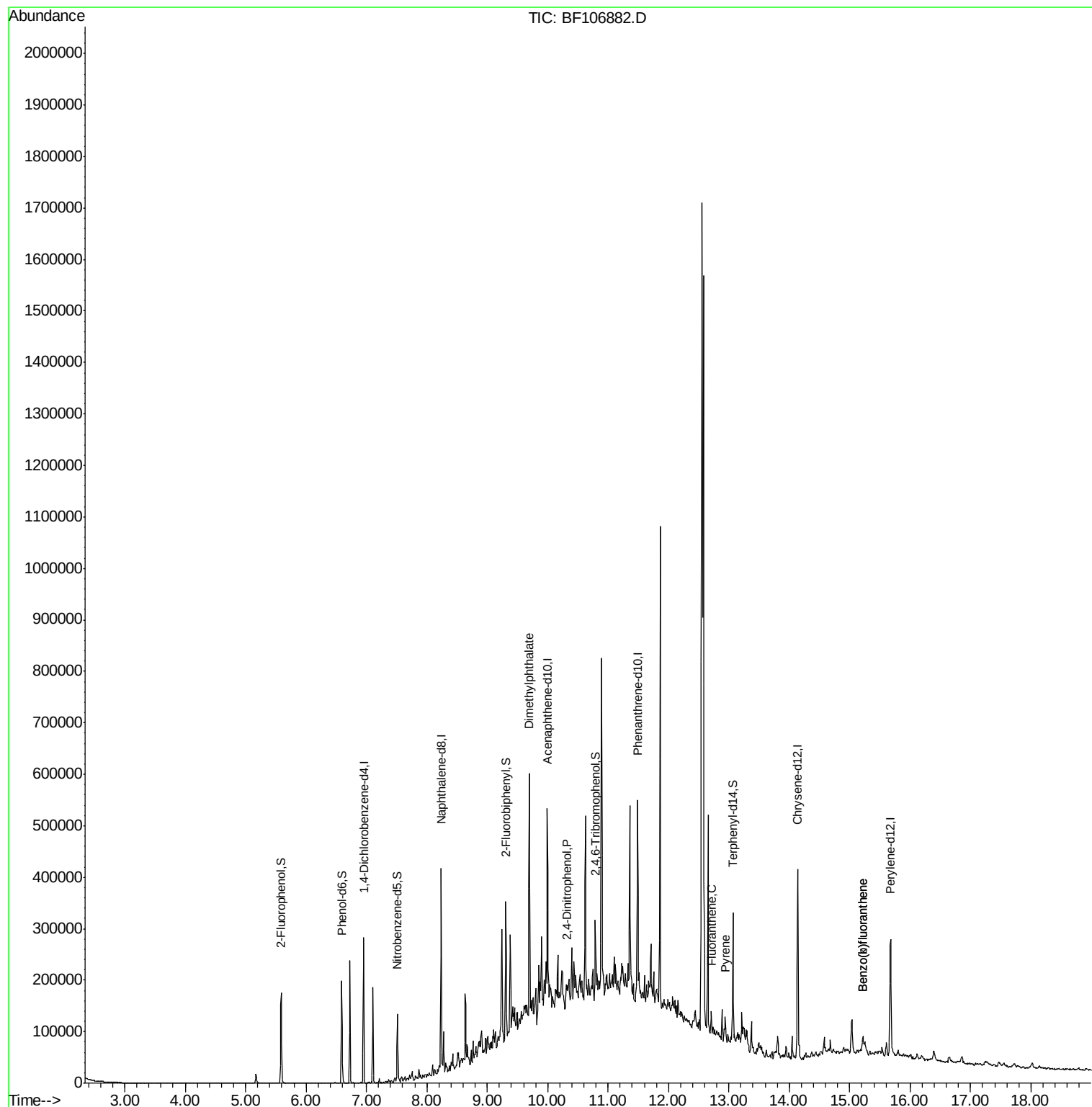
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	41457	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	164807	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	77410	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	132416	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	134672	20.00	ng	-0.02
86) Perylene-d12	15.68	264	115972	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	52944	21.63	ng	-0.01
7) Phenol-d6	6.59	99	67353	22.03	ng	-0.02
23) Nitrobenzene-d5	7.51	82	39071	13.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	18019	20.08	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	81202	3.64	ng	-0.02
78) Terphenyl-d14	13.07	244	84108	15.13	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	15668	2.699	ng	# 88
53) 2,4-Dinitrophenol	10.33	184	122	5.531	ng	# 1
74) Fluoranthene	12.71	202	16312	2.317	ng	94
77) Pyrene	12.94	202	18031	2.030	ng	98
87) Benzo(b)fluoranthene	15.22	252	17860	2.479	ng	# 86
88) Benzo(k)fluoranthene	15.22	252	17860	2.603	ng	# 89

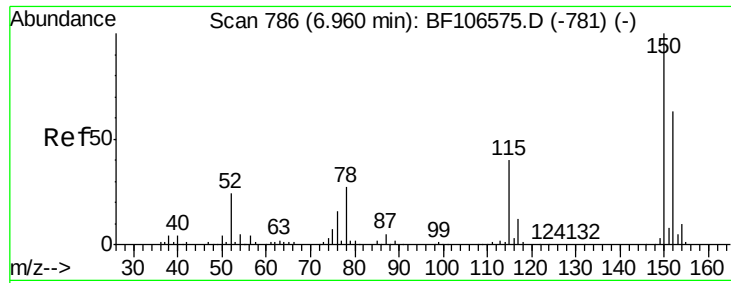
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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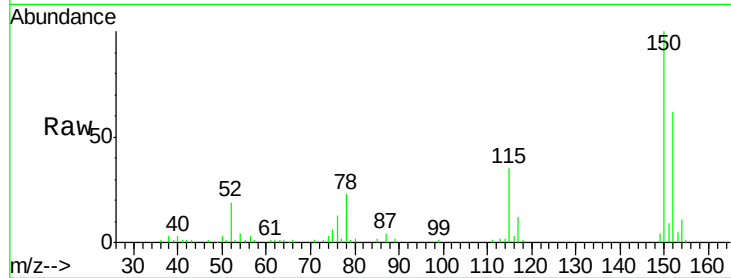


#1

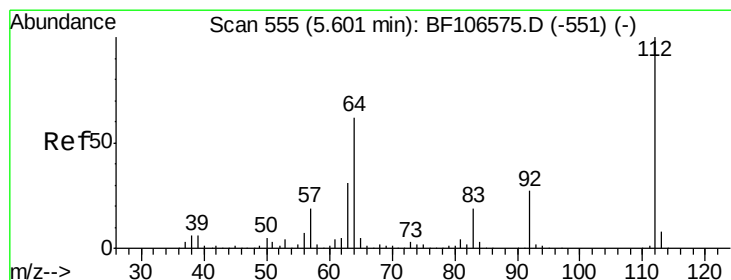
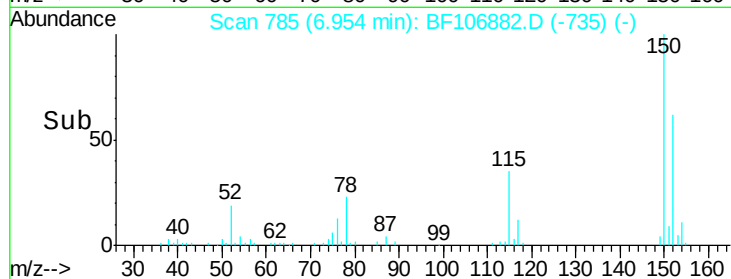
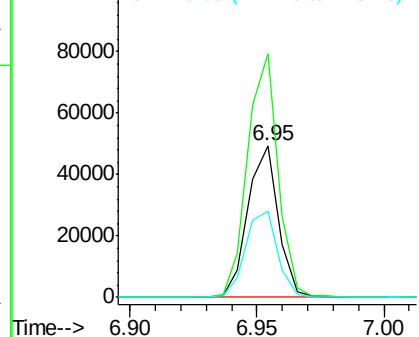
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106882.D
Acq: 27 Jun 2018 19:47

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

Tgt Ion:152 Resp: 41457
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 56.9 50.1 75.1



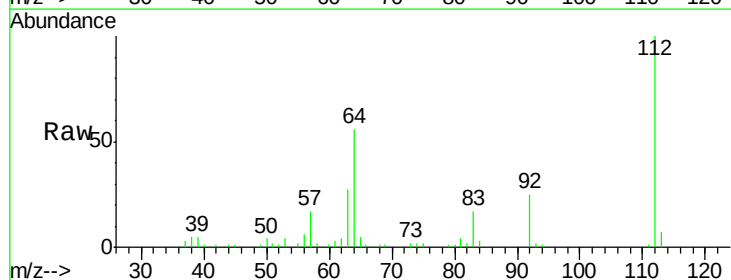
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



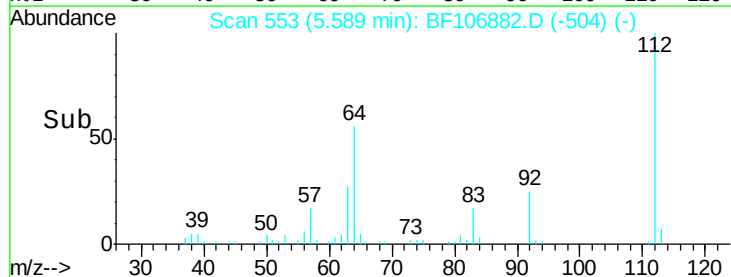
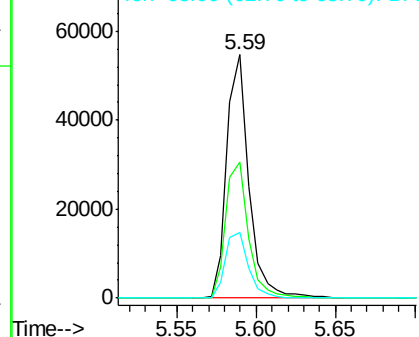
#5

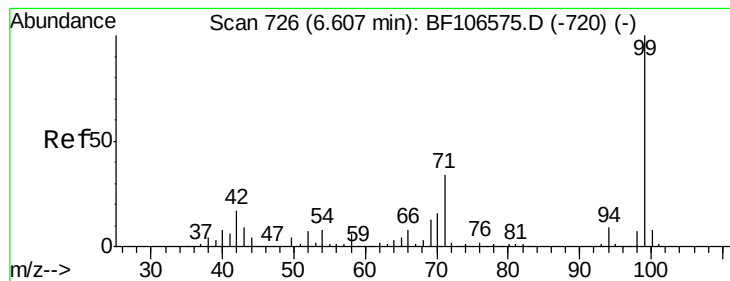
2-Fluorophenol
Concen: 21.625 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106882.D
Acq: 27 Jun 2018 19:47

Tgt Ion:112 Resp: 52944
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 27.1 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: 22.029 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106882.D

Acq: 27 Jun 2018 19:47

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-D

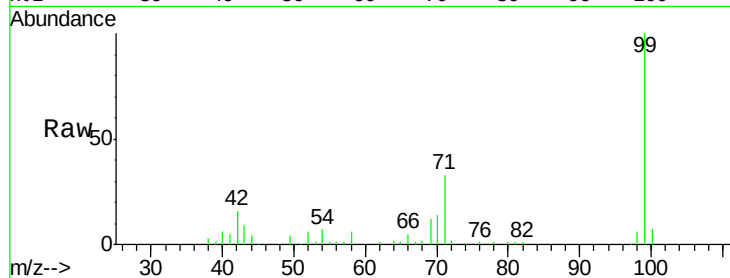
Tgt Ion: 99 Resp: 67353

Ion Ratio Lower Upper

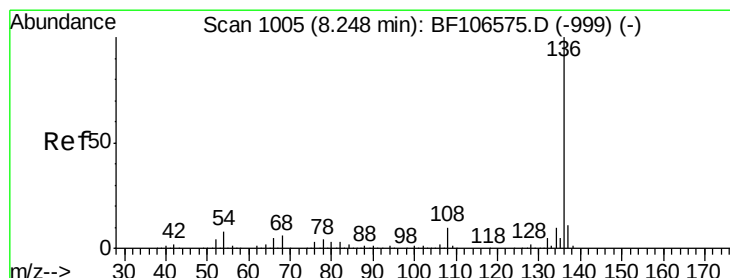
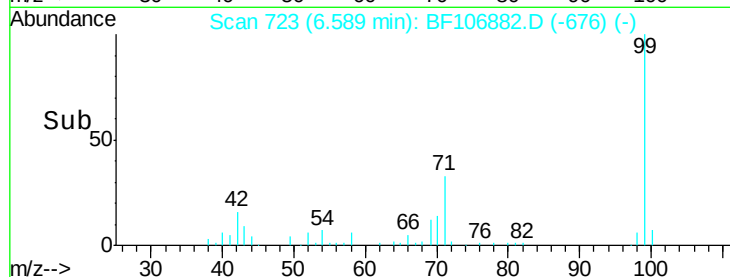
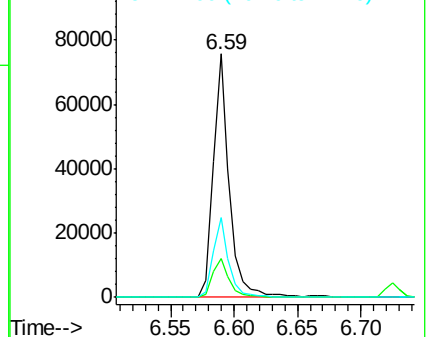
99 100

42 16.0 14.5 21.7

71 32.6 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# 1003

Delta R.T. -0.01 min

Lab File: BF106882.D

Acq: 27 Jun 2018 19:47

Tgt Ion: 136 Resp: 164807

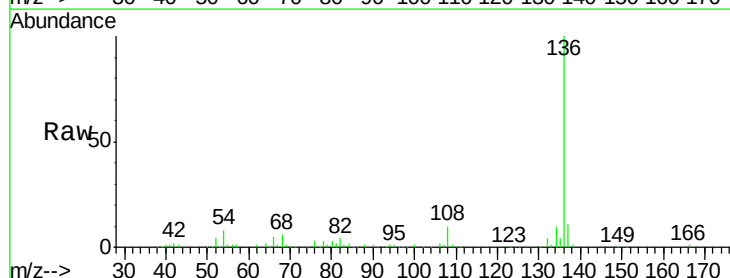
Ion Ratio Lower Upper

136 100

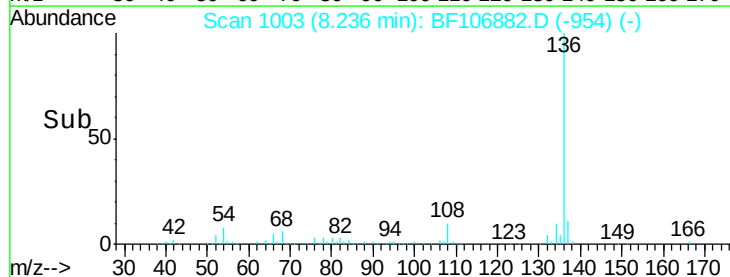
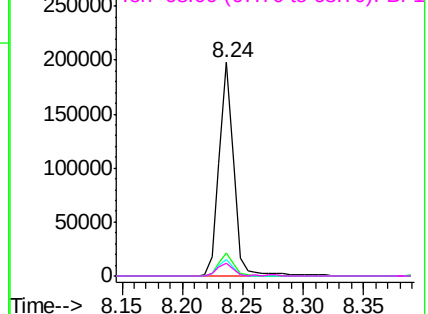
137 10.9 8.9 13.3

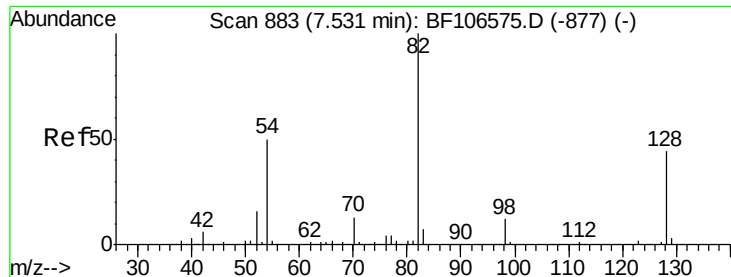
54 7.7 6.6 9.8

68 6.1 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

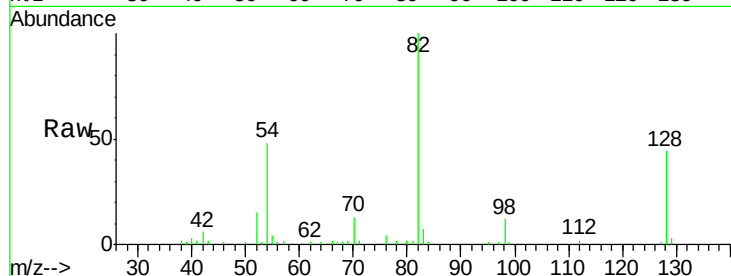




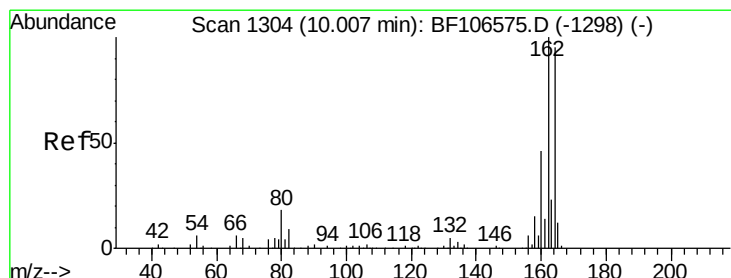
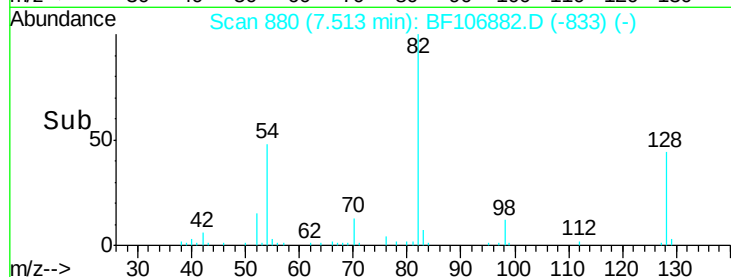
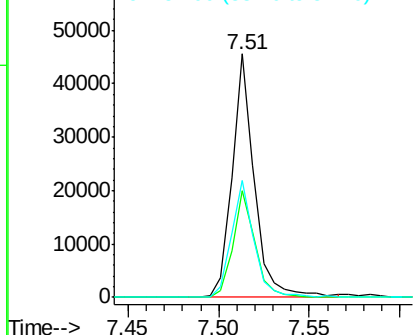
#23
 Nitrobenzene-d5
 Concen: 13.175 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF106882.D
 Acq: 27 Jun 2018 19:47

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

Tgt Ion: 82 Resp: 39071
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 48.2 41.4 62.2

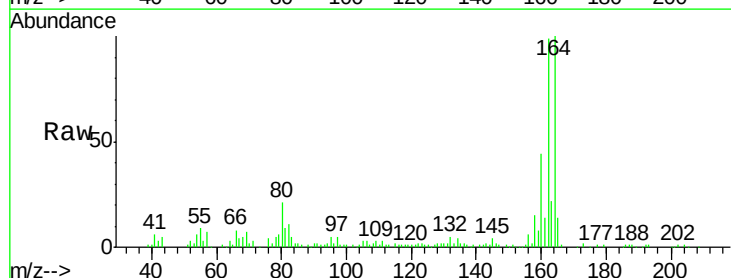


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

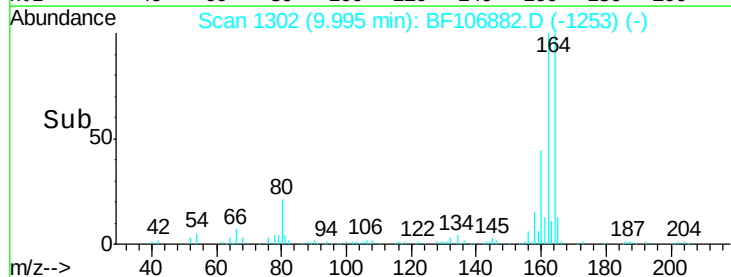
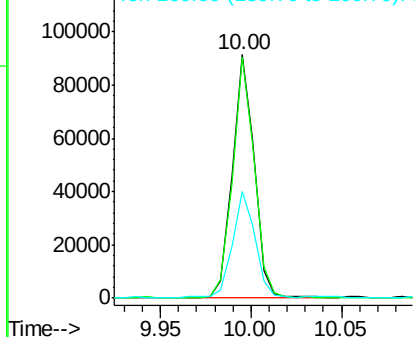


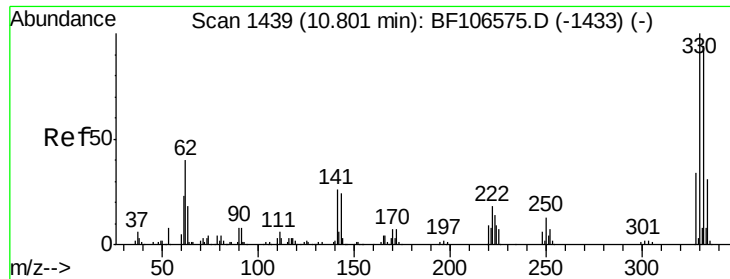
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106882.D
 Acq: 27 Jun 2018 19:47

Tgt Ion: 164 Resp: 77410
 Ion Ratio Lower Upper
 164 100
 162 98.8 86.1 129.1
 160 43.7 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

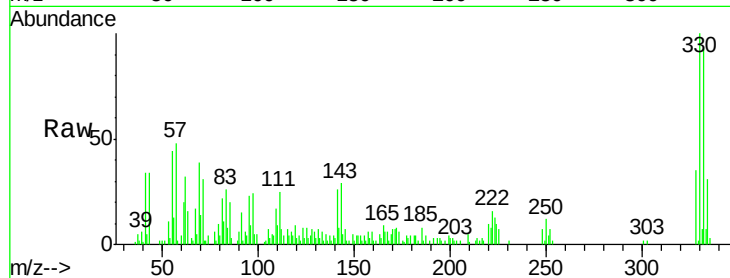




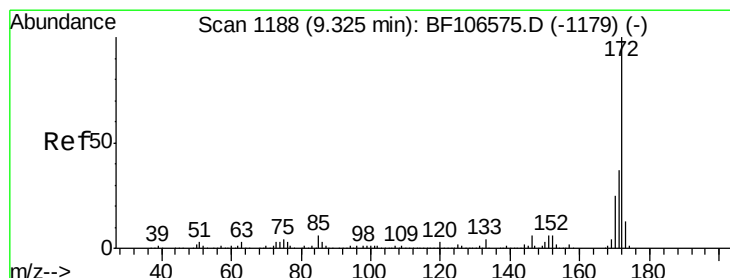
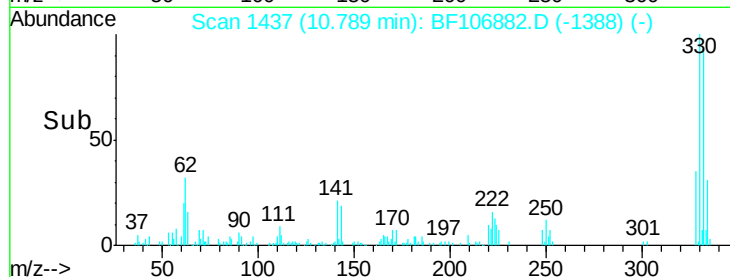
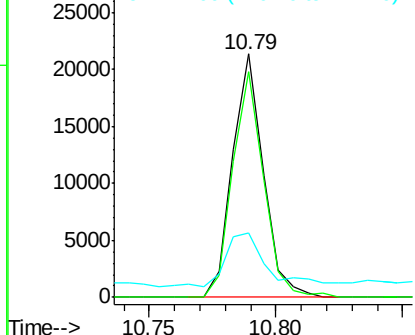
#41
 2,4,6-Tribromophenol
 Concen: 20.084 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106882.D
 Acq: 27 Jun 2018 19:47

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

Tgt Ion:330 Resp: 18019
 Ion Ratio Lower Upper
 330 100
 332 92.8 77.0 115.6
 141 29.7 29.9 44.9#

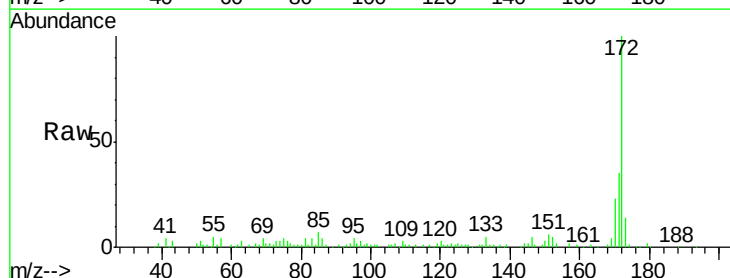


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

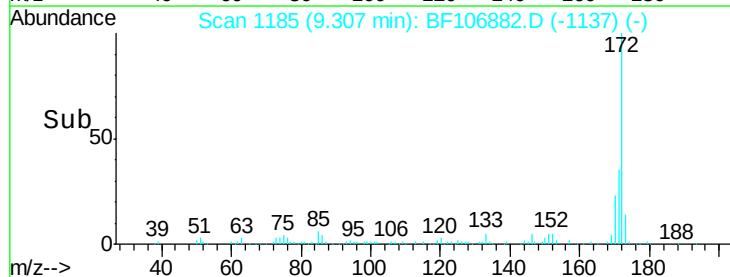
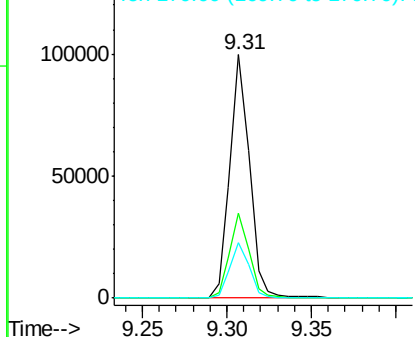


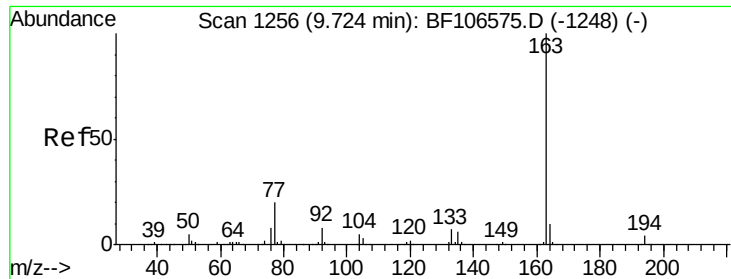
#44
 2-Fluorobiphenyl
 Concen: 3.635 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106882.D
 Acq: 27 Jun 2018 19:47

Tgt Ion:172 Resp: 81202
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.0 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





#49

Dimethylphthalate

Concen: 2.699 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106882.D

Acq: 27 Jun 2018 19:47

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-D

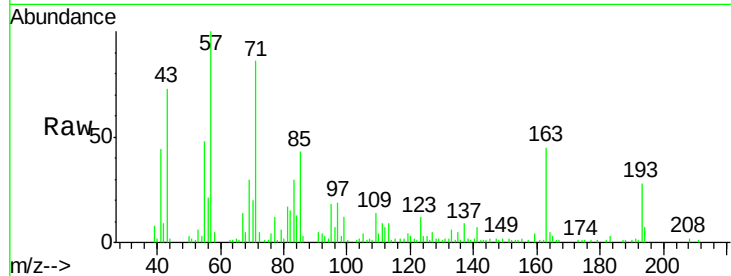
Tgt Ion:163 Resp: 15668

Ion Ratio Lower Upper

163 100

194 15.7 2.7 4.1#

164 11.7 8.2 12.2

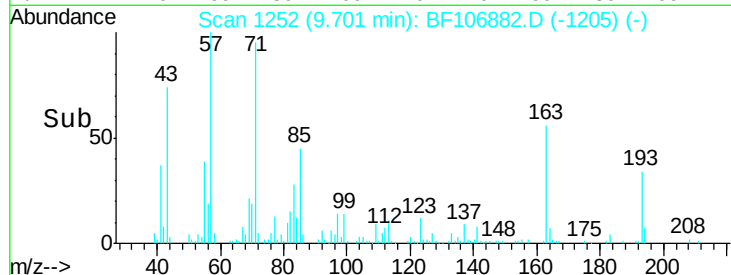


Abundance Ion 163.00 (162.70 to 163.70): E

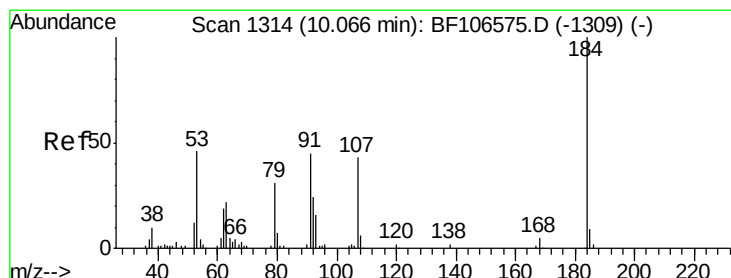
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#53

2,4-Dinitrophenol

Concen: 5.531 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.25 min

Lab File: BF106882.D

Acq: 27 Jun 2018 19:47

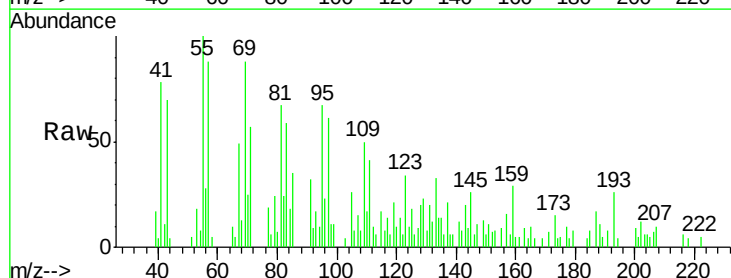
Tgt Ion:184 Resp: 122

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

154 0.0 184.0 276.0#

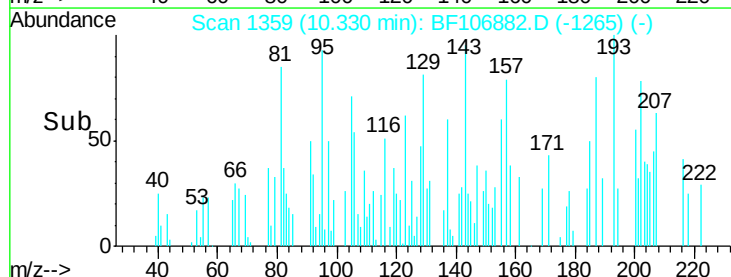


Abundance Ion 184.00 (183.70 to 184.70): E

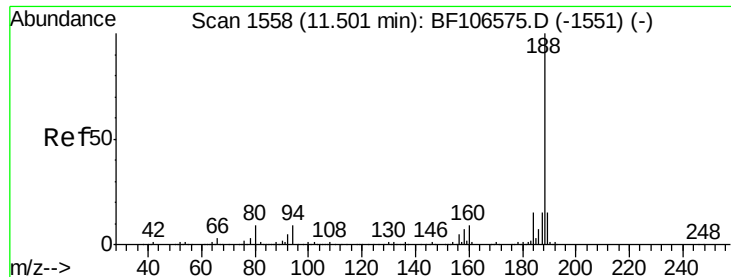
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106882.D

Acq: 27 Jun 2018 19:47

Instrument :

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ClientSampleId :

JC-02-062618-D

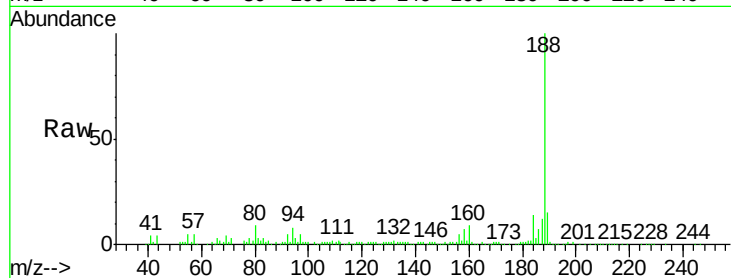
Tgt Ion:188 Resp: 132416

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

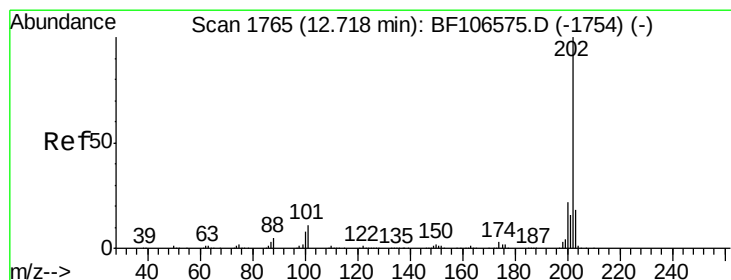
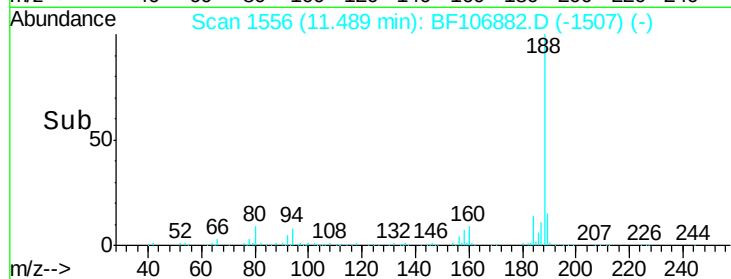
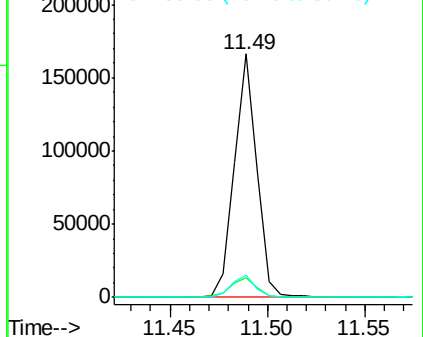
80 8.9 9.2 13.8#



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



#74

Fluoranthene

Concen: 2.317 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106882.D

Acq: 27 Jun 2018 19:47

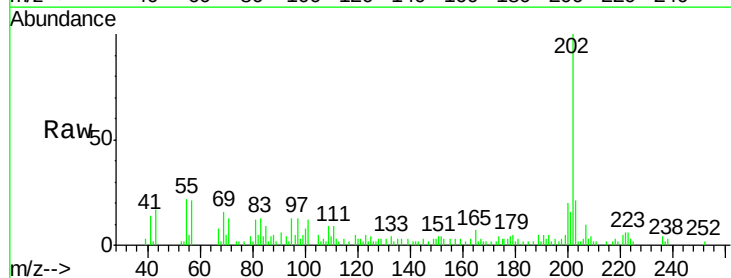
Tgt Ion:202 Resp: 16312

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

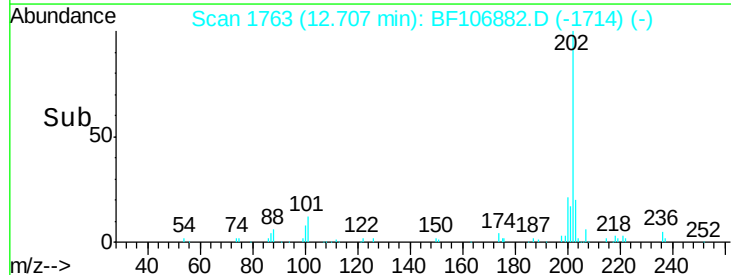
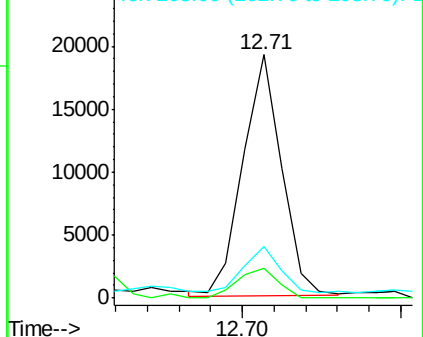
203 21.2 0.0 38.1

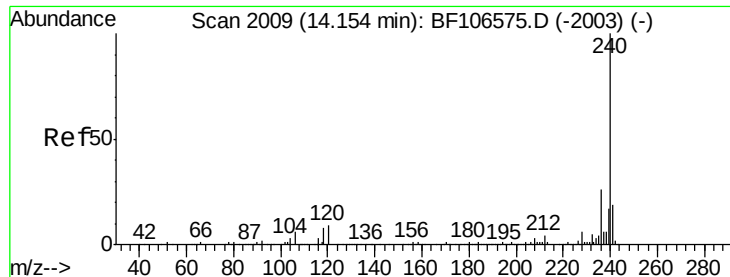


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF106882.D

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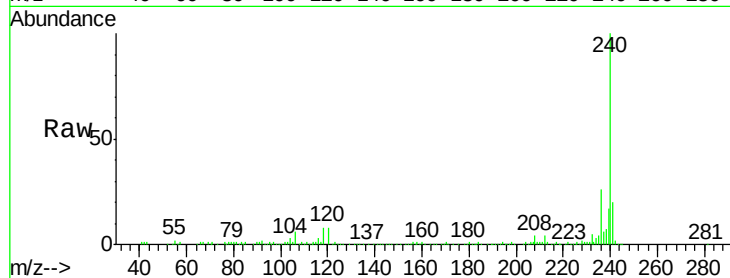
Tgt Ion:240 Resp: 134672

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

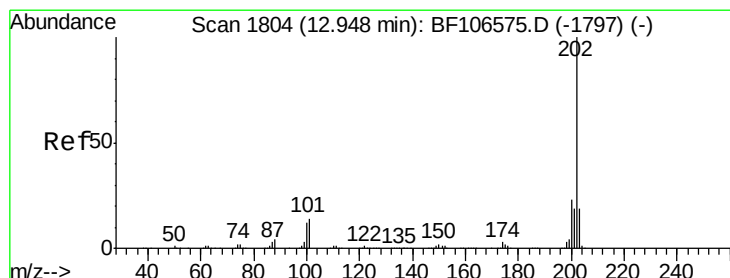
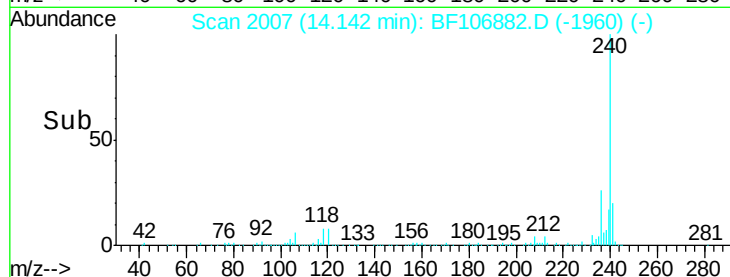
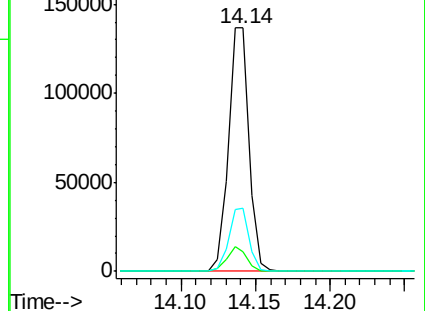
236 25.9 20.7 31.1



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: 2.030 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106882.D

Acq: 27 Jun 2018 19:47

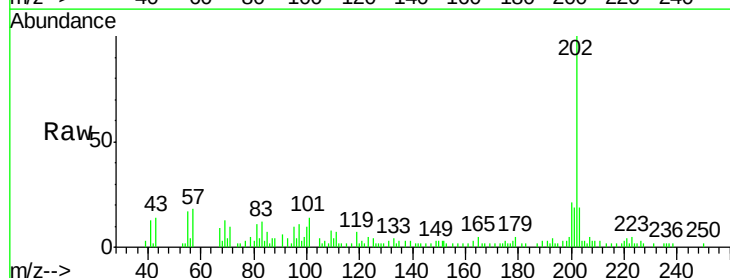
Tgt Ion:202 Resp: 18031

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

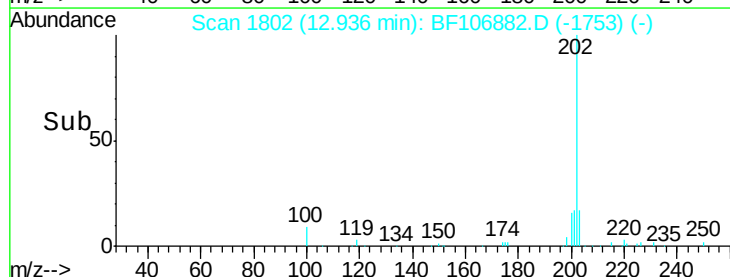
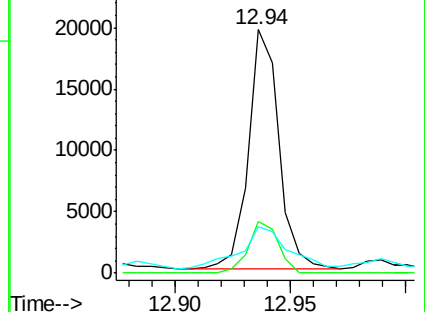
203 19.3 14.3 21.5

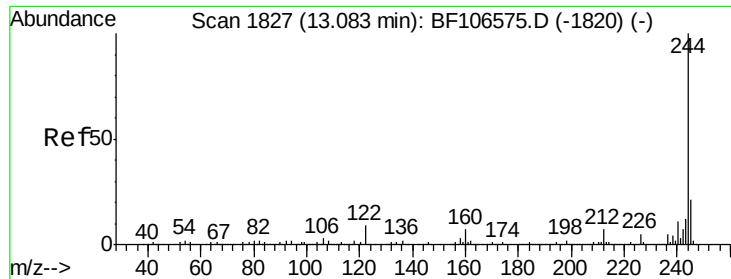


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

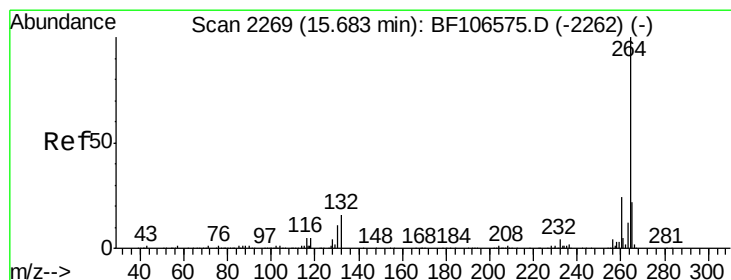
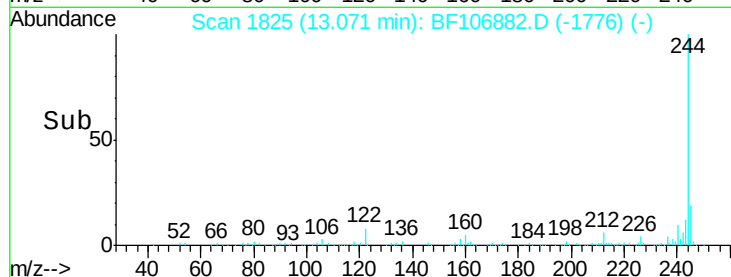
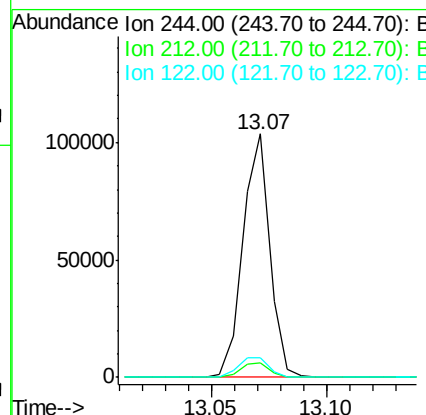
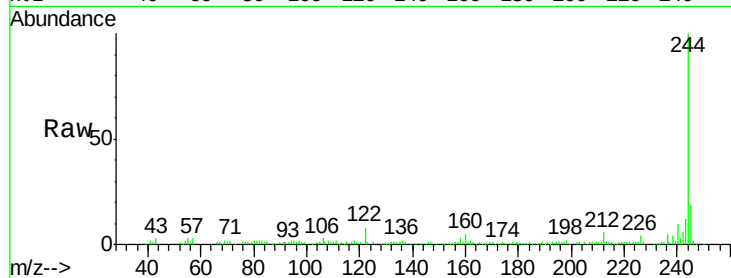




#78
 Terphenyl-d14
 Concen: 15.128 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106882.D
 Acq: 27 Jun 2018 19:47

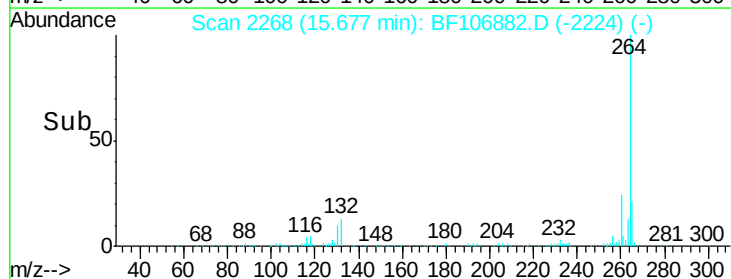
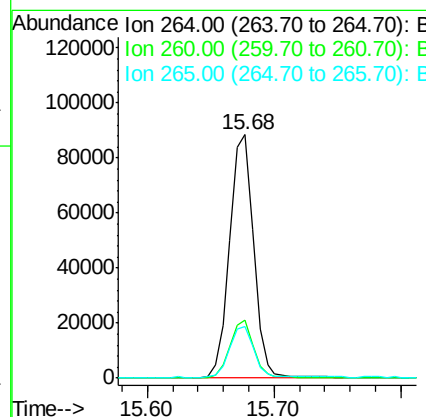
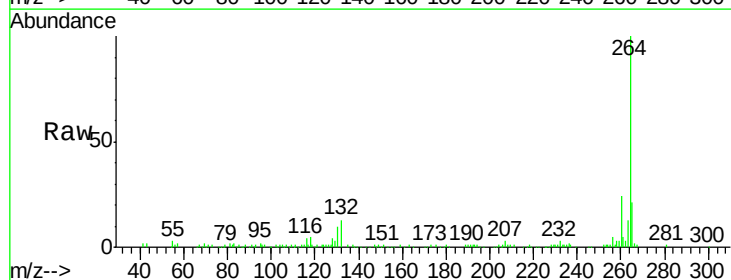
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-D

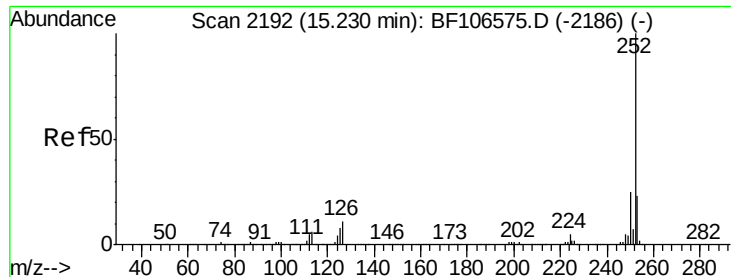
Tgt Ion:244 Resp: 84108
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106882.D
 Acq: 27 Jun 2018 19:47

Tgt Ion:264 Resp: 115972
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.5 26.3

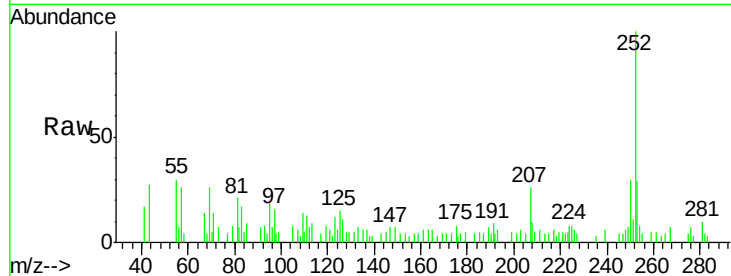




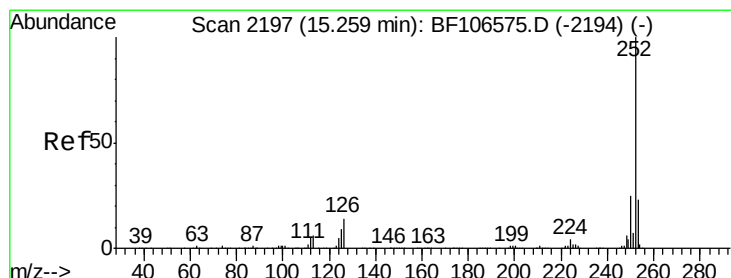
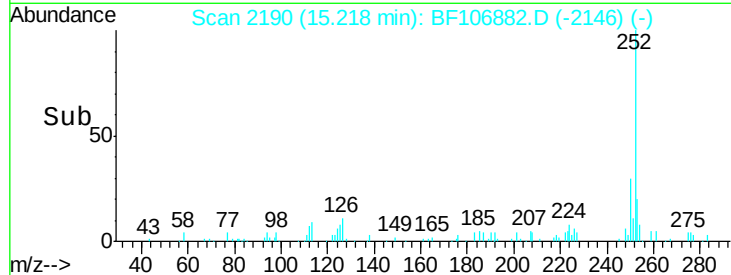
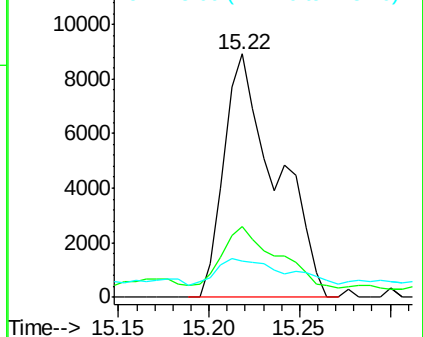
#87
Benzo(b)fluoranthene
Concen: 2.479 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106882.D
Acq: 27 Jun 2018 19:47

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

Tgt Ion:252 Resp: 17860
Ion Ratio Lower Upper
252 100
253 29.1 17.0 25.6#
125 15.1 9.0 13.6#

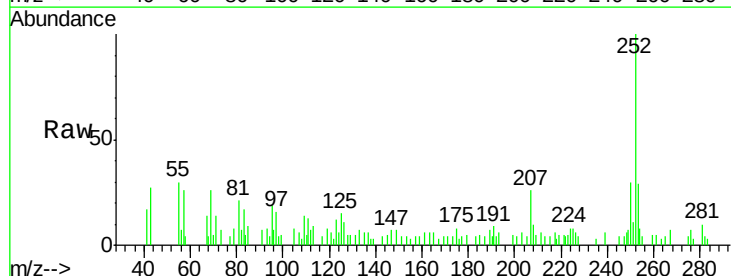


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.603 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF106882.D
Acq: 27 Jun 2018 19:47

Tgt Ion:252 Resp: 17860
Ion Ratio Lower Upper
252 100
253 29.1 17.9 26.9#
125 15.1 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

