

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106933.D
 Acq On : 28 Jun 2018 20:56
 Operator : JU/SJ
 Sample : J3242-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 29 01:11:10 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

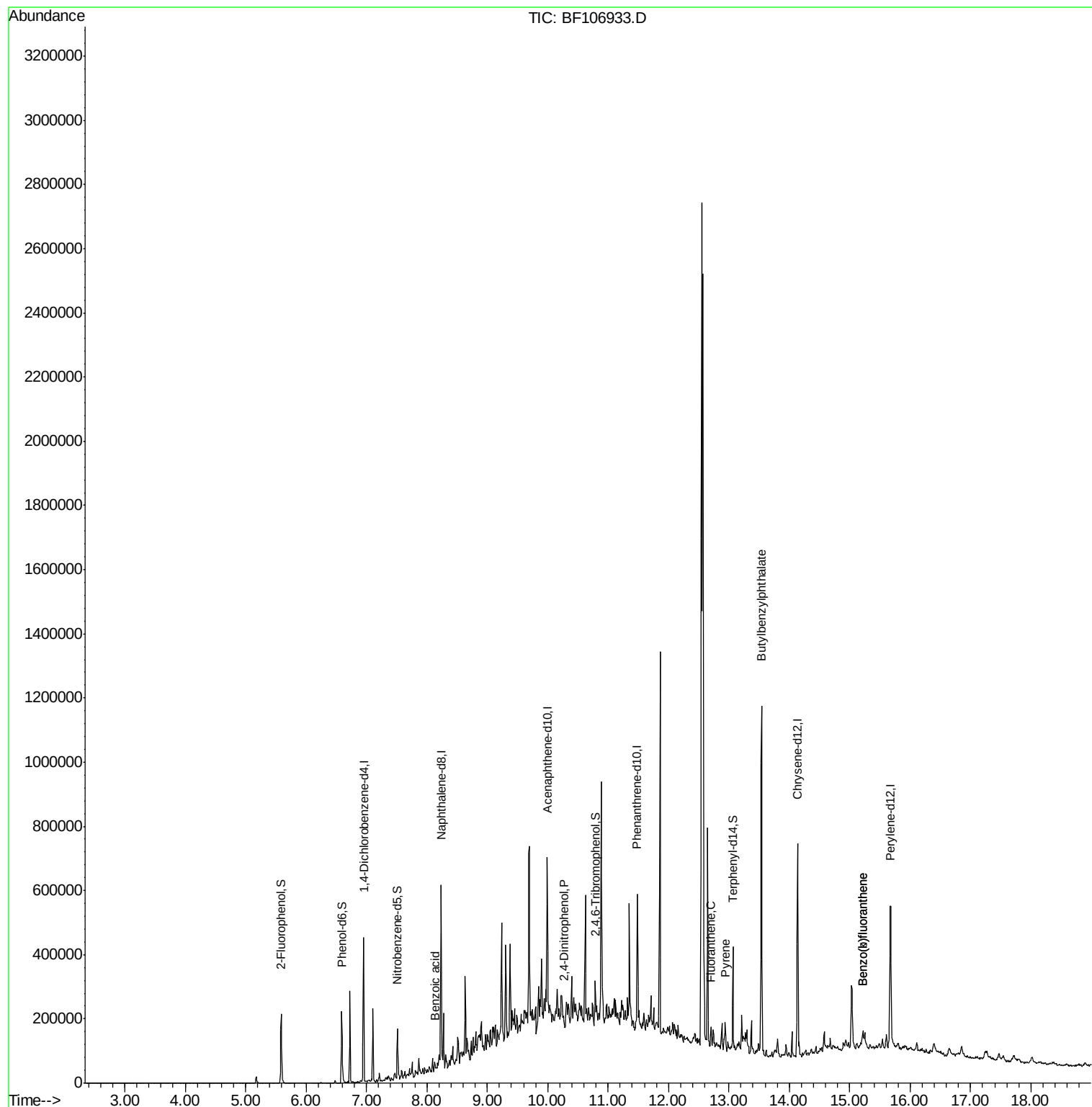
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69686	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	237853	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	99179	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	167733	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	227350	20.00	ng	-0.03
86) Perylene-d12	15.68	264	235308	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	69360	16.85	ng	-0.01
7) Phenol-d6	6.59	99	82629	16.08	ng	-0.02
23) Nitrobenzene-d5	7.51	82	45677	10.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	16435	14.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	90361	0.81	ng	-0.02
78) Terphenyl-d14	13.07	244	97729	10.41	ng	-0.02
Target Compounds						
32) Benzoic acid	8.14	122	106	5.771	ng	# 25
53) 2,4-Dinitrophenol	10.28	184	138	5.510	ng	# 17
74) Fluoranthene	12.71	202	24721	2.772	ng	94
77) Pyrene	12.94	202	31711	2.115	ng	98
79) Butylbenzylphthalate	13.54	149	245764	39.871	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	37476	2.564	ng	# 91
88) Benzo(k)fluoranthene	15.22	252	37476	2.692	ng	# 92

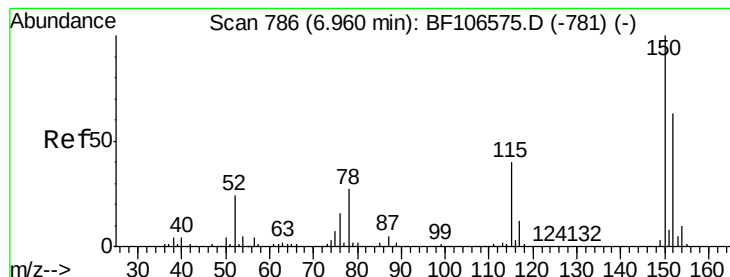
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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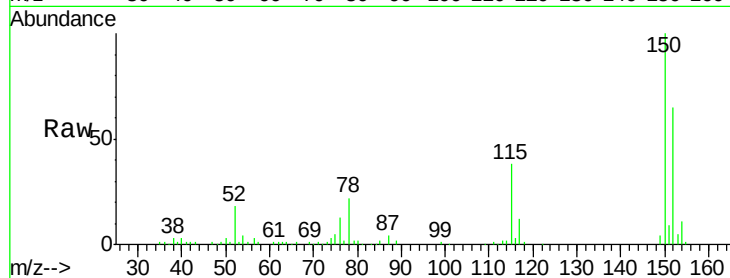


#1

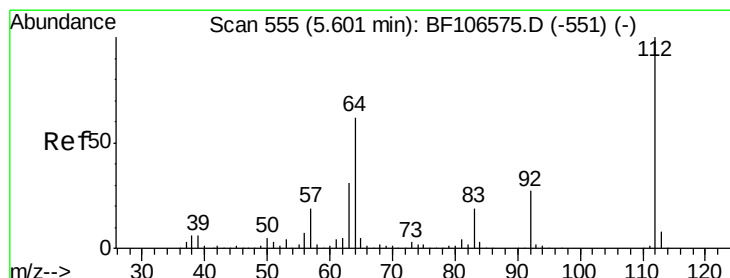
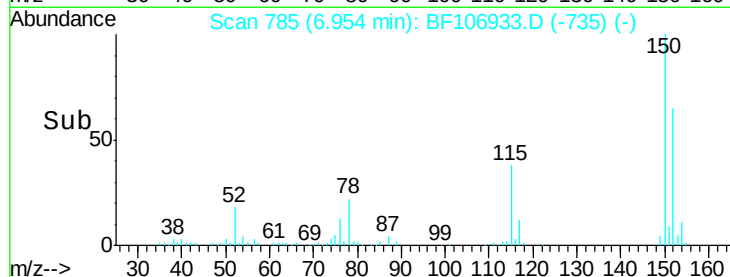
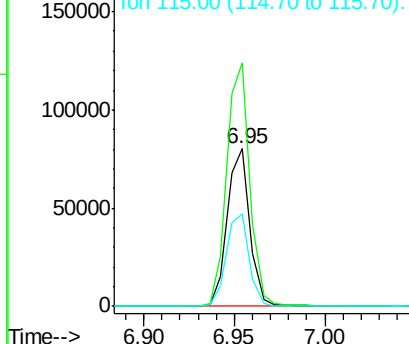
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:152 Resp: 69686
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.9 50.1 75.1



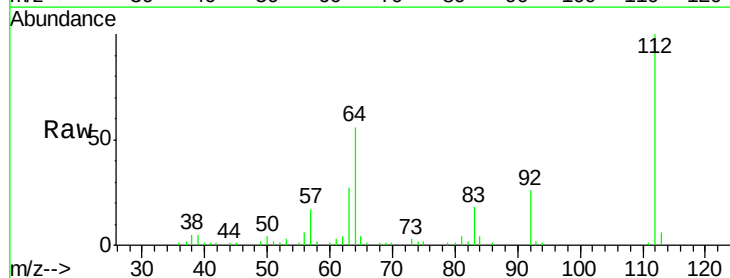
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



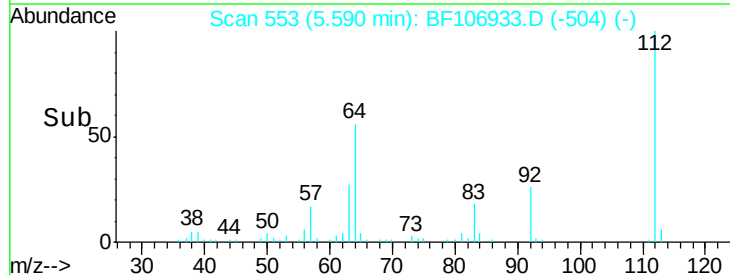
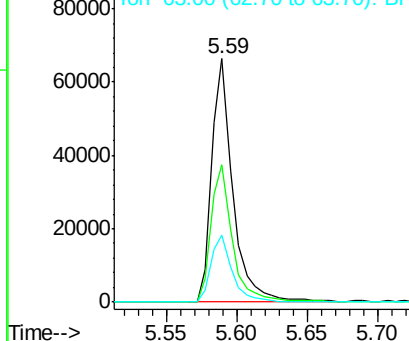
#5

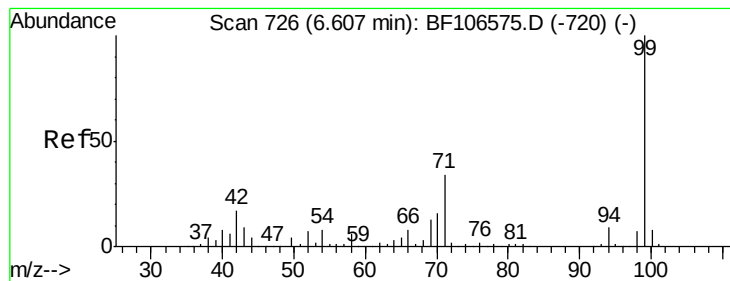
2-Fluorophenol
Concen: 16.854 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:112 Resp: 69360
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.4 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: 16.078 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-B

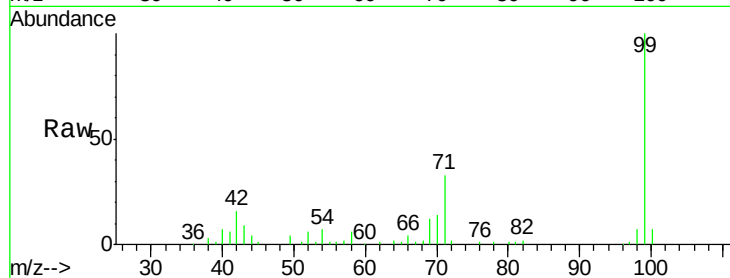
Tgt Ion: 99 Resp: 82629

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

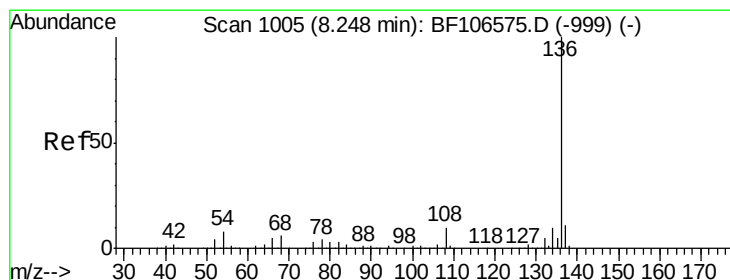
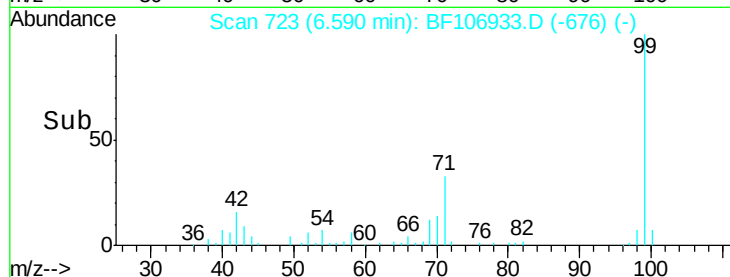
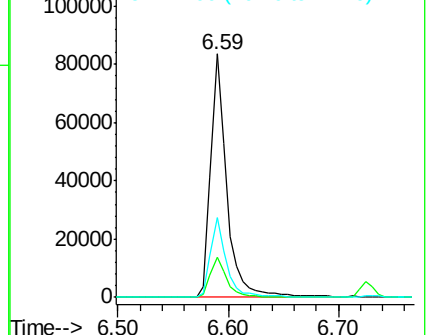
71 32.6 25.4 38.0



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: BF106933.D

Acq: 28 Jun 2018 20:56

Tgt Ion: 136 Resp: 237853

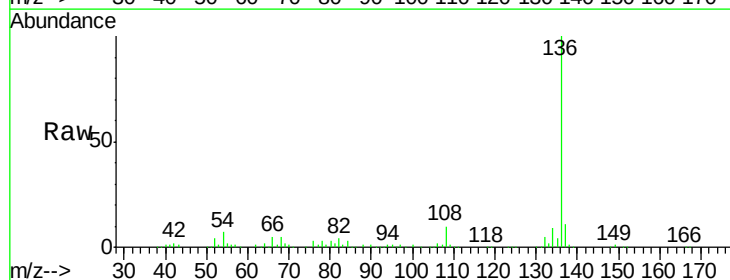
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.4 5.0 7.4

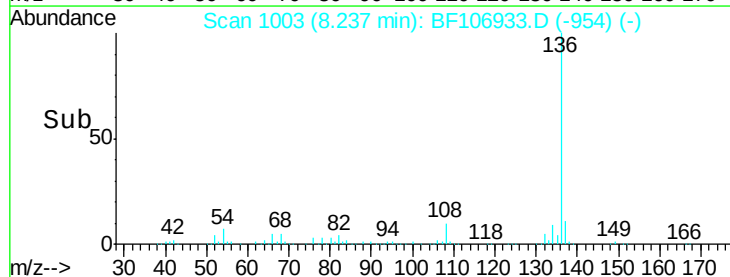
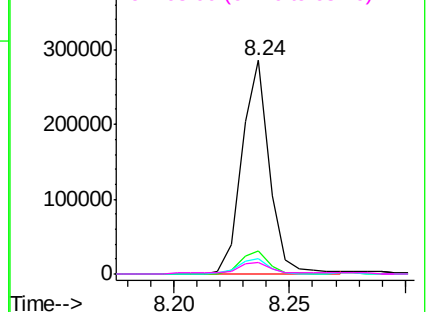


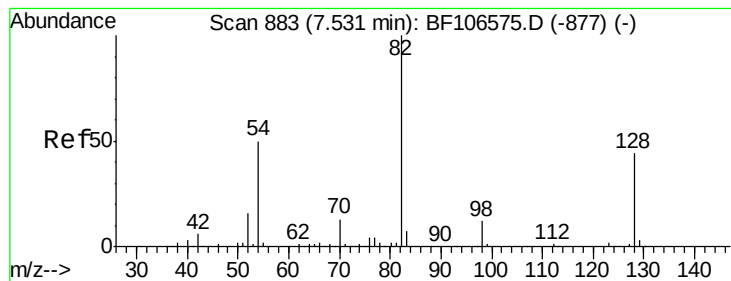
Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.672 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-B

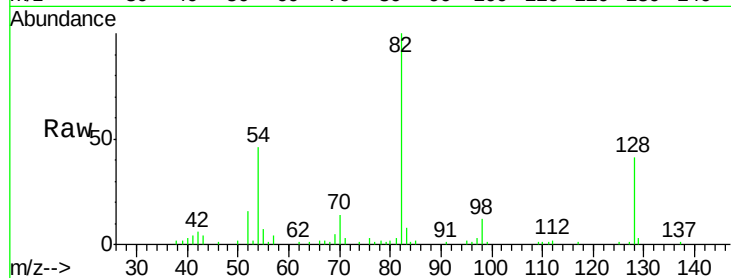
Tgt Ion: 82 Resp: 45677

Ion Ratio Lower Upper

82 100

128 40.9 36.1 54.1

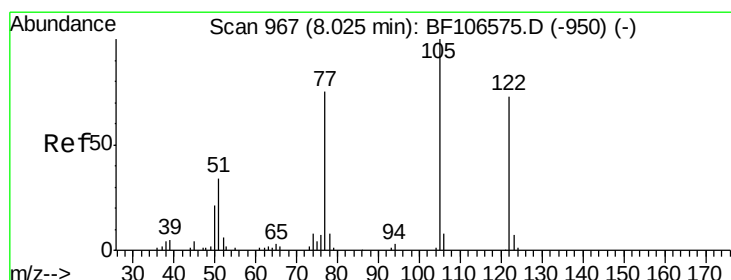
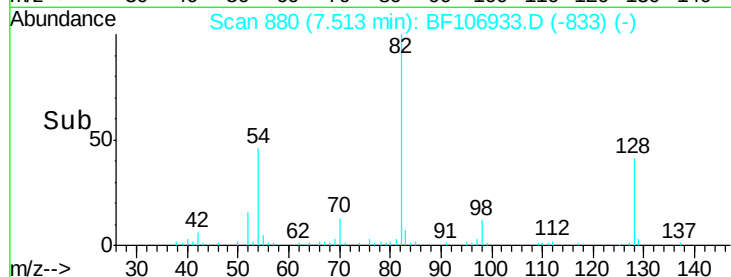
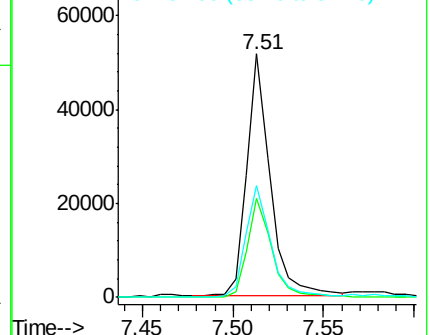
54 46.0 41.4 62.2



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



#32

Benzoic acid

Concen: 5.771 ng

RT: 8.14 min Scan# 987

Delta R.T. 0.10 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

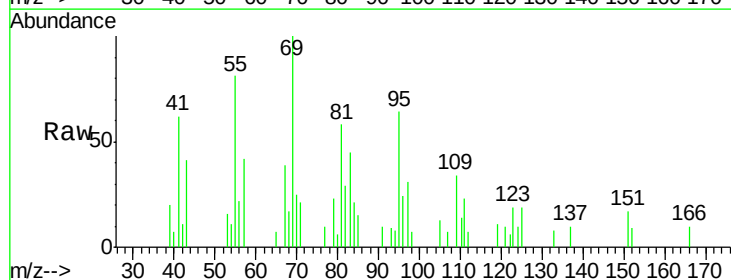
Tgt Ion: 122 Resp: 106

Ion Ratio Lower Upper

122 100

105 205.0 101.1 141.1#

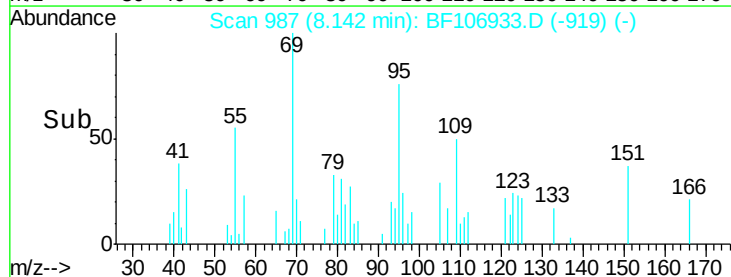
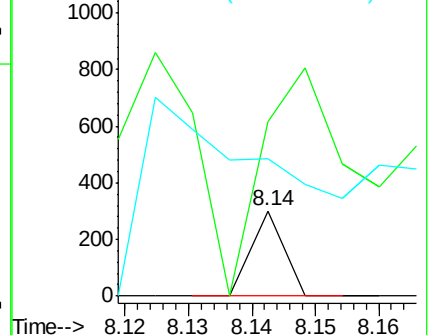
77 161.5 70.7 110.7#

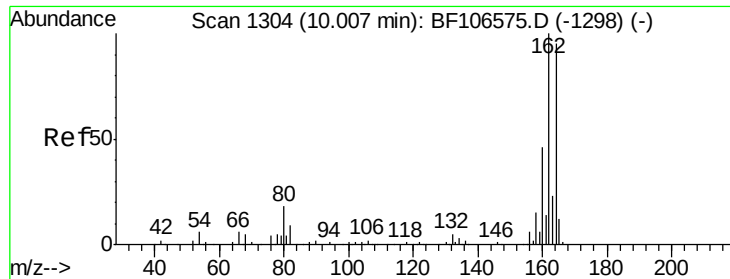


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

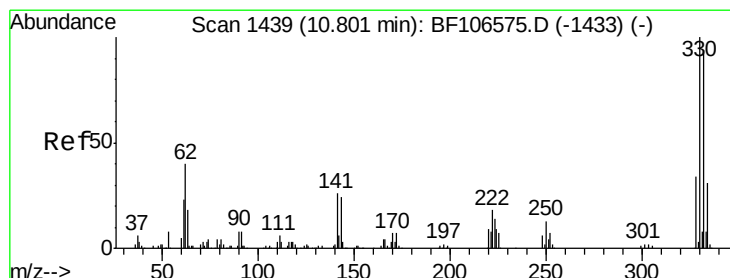
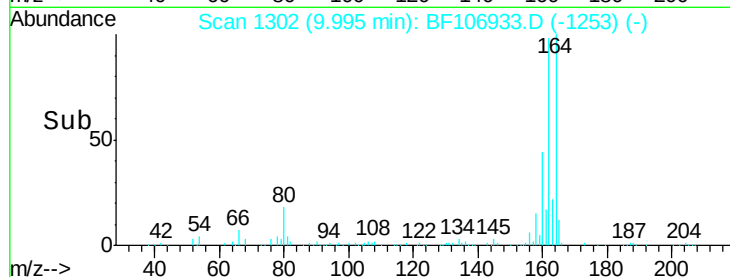
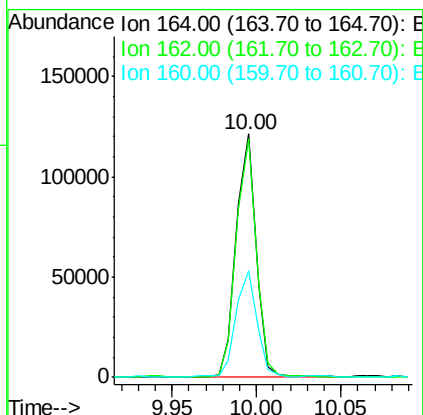
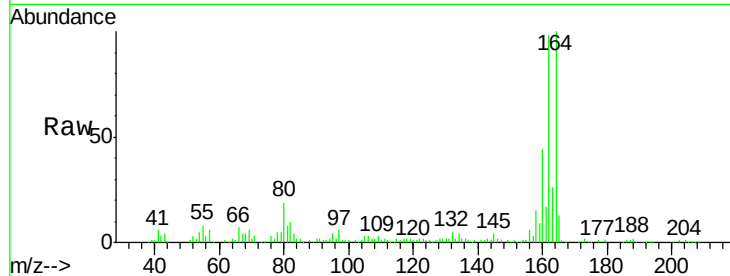




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

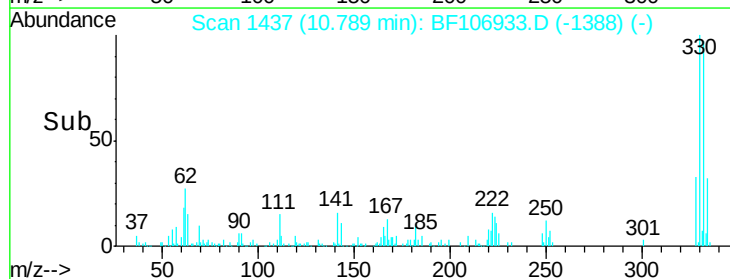
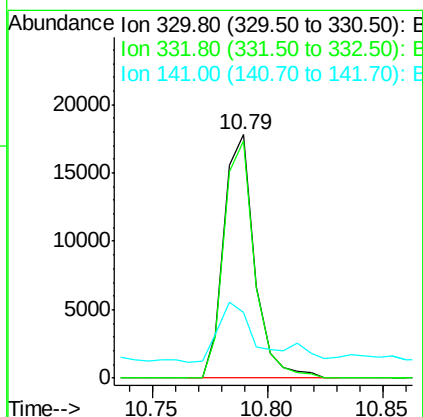
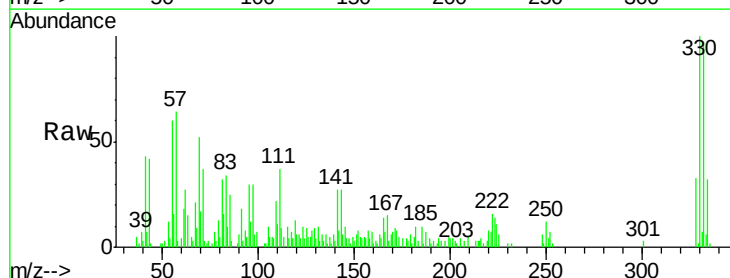
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

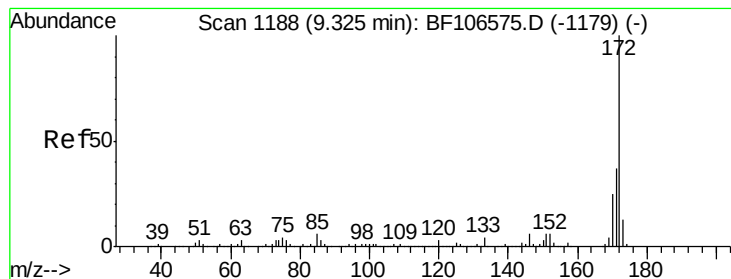
Tgt Ion:164 Resp: 99179
Ion Ratio Lower Upper
164 100
162 97.8 86.1 129.1
160 44.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 14.297 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:330 Resp: 16435
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 28.2 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 0.811 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-B

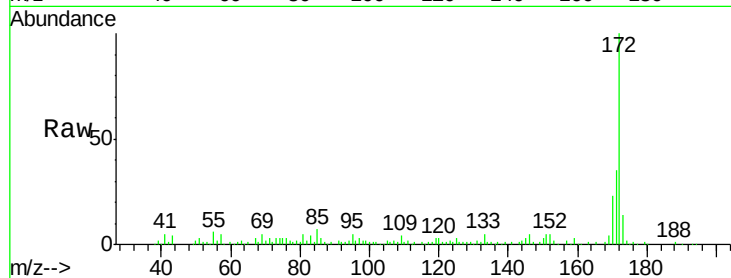
Tgt Ion:172 Resp: 90361

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

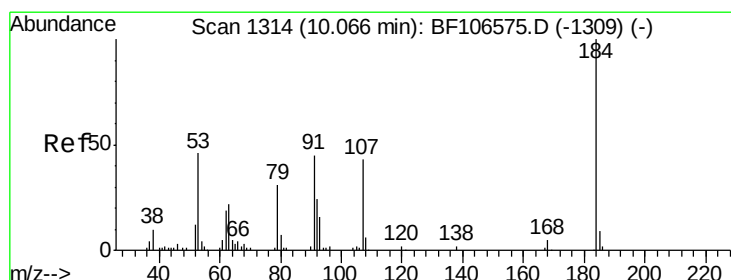
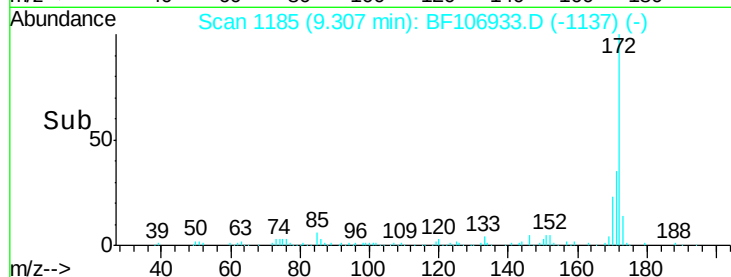
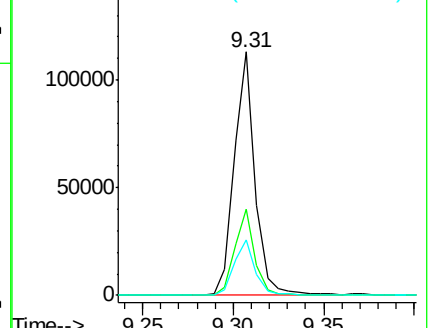
170 22.6 19.6 29.4



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



#53

2,4-Dinitrophenol

Concen: 5.510 ng

RT: 10.28 min Scan# 1351

Delta R.T. 0.21 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

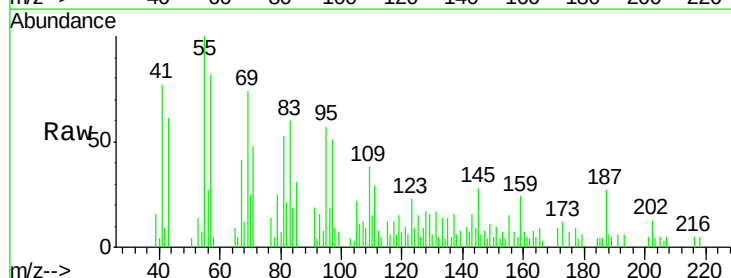
Tgt Ion:184 Resp: 138

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

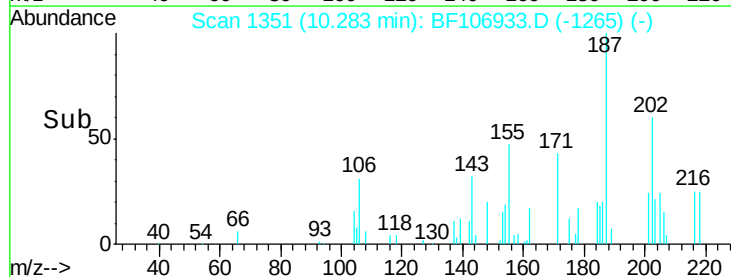
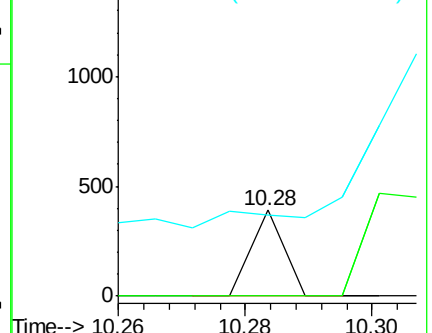
154 94.1 184.0 276.0#

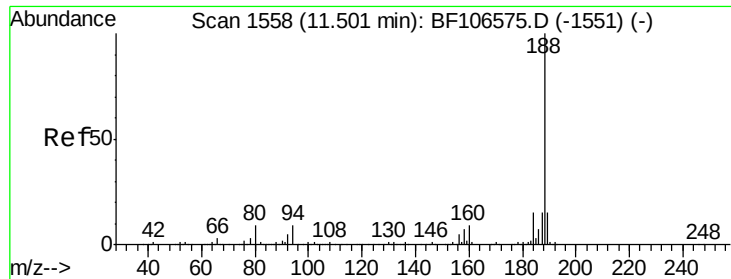


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

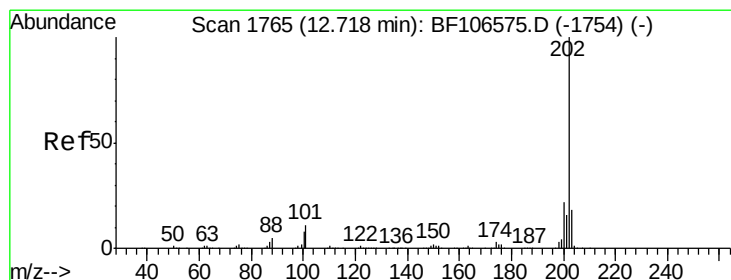
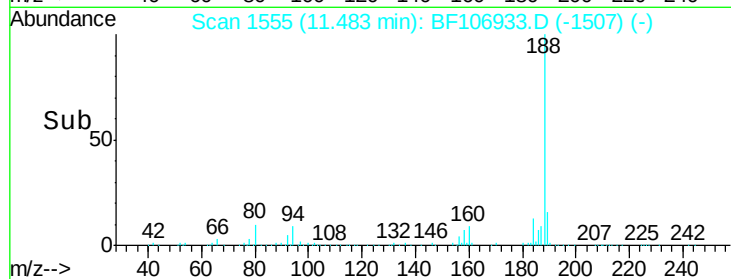
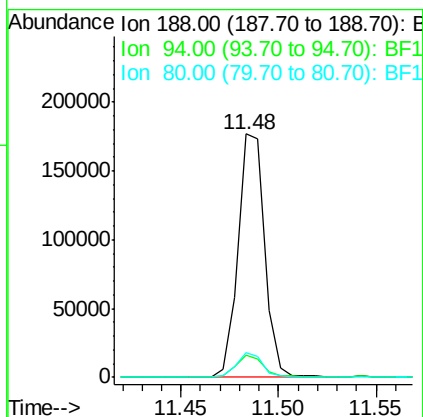
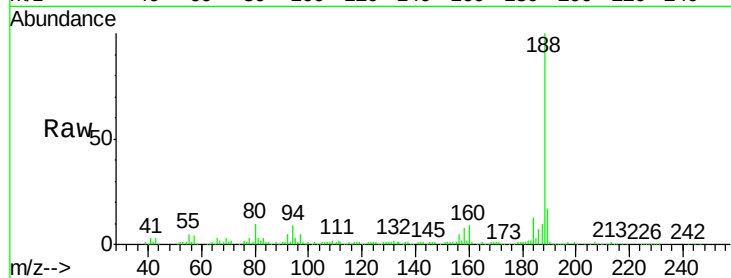




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

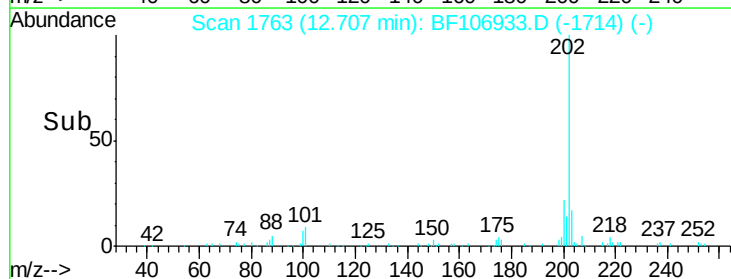
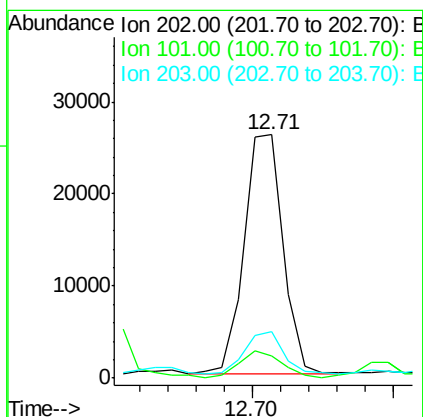
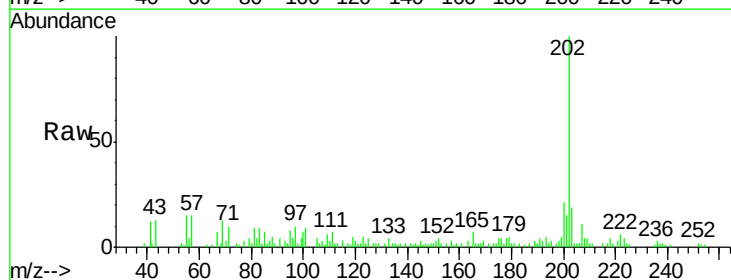
Instrument :
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JC-02-062618-B

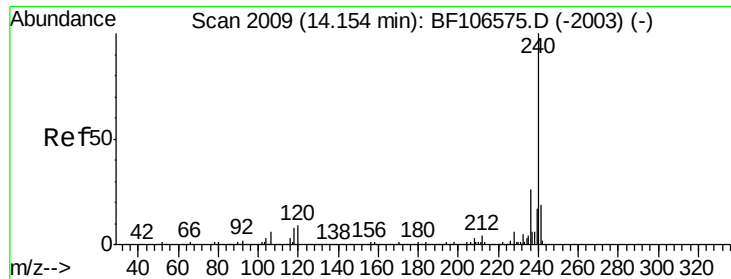
Tgt Ion:188 Resp: 167733
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.2 9.2 13.8



#74
Fluoranthene
Concen: 2.772 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:202 Resp: 24721
Ion Ratio Lower Upper
202 100
101 9.3 0.0 34.1
203 19.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-B

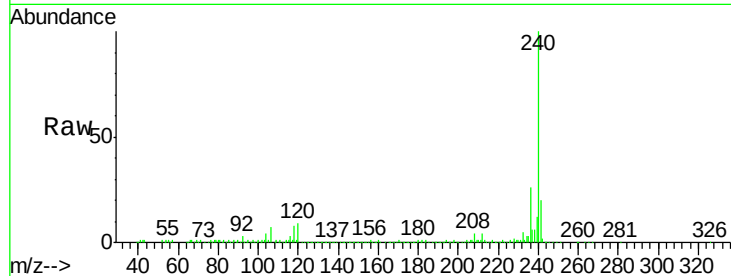
Tgt Ion:240 Resp: 227350

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

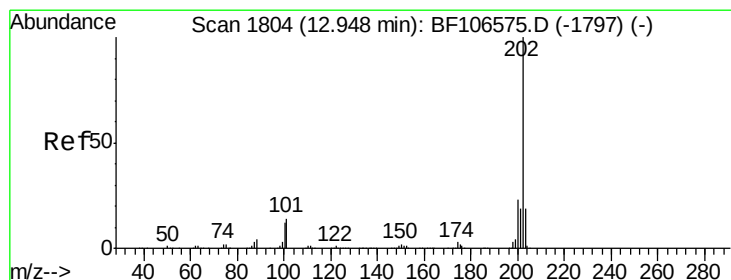
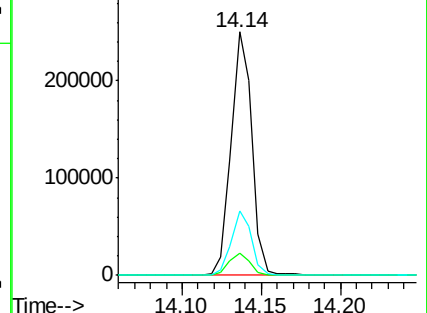
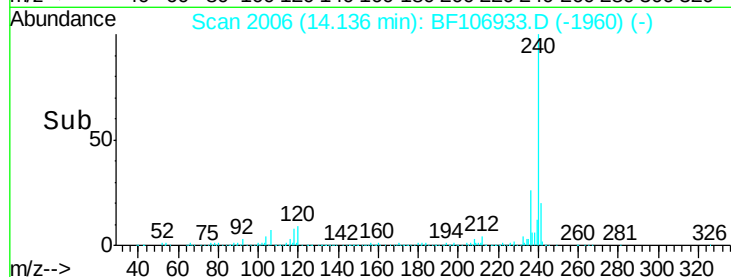
236 26.2 20.7 31.1



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: 2.115 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

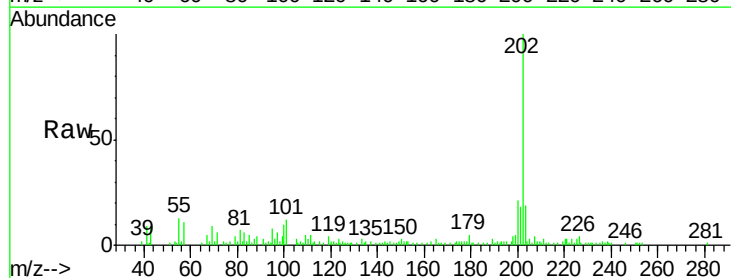
Tgt Ion:202 Resp: 31711

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

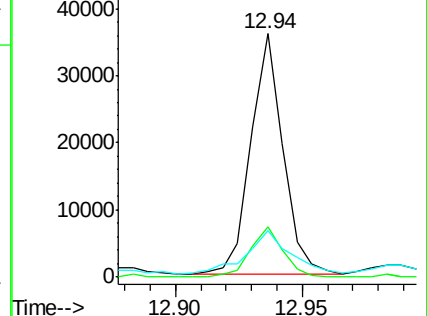
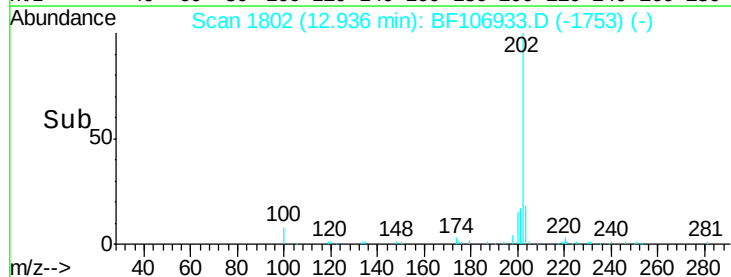
203 18.9 14.3 21.5

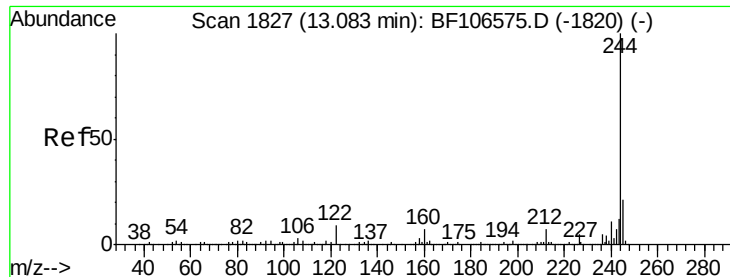


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 10.413 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-B

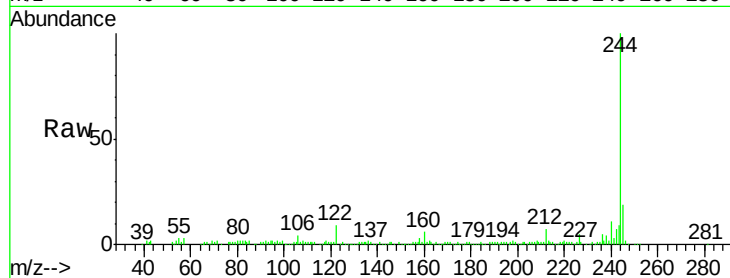
Tgt Ion:244 Resp: 97729

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

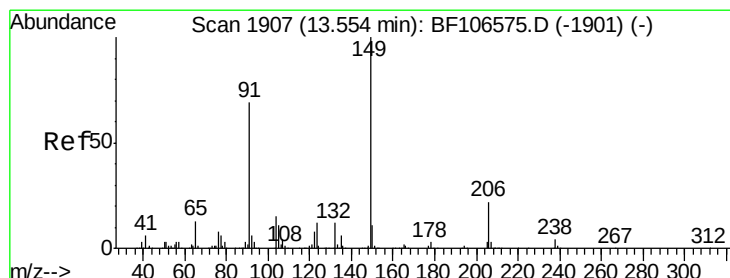
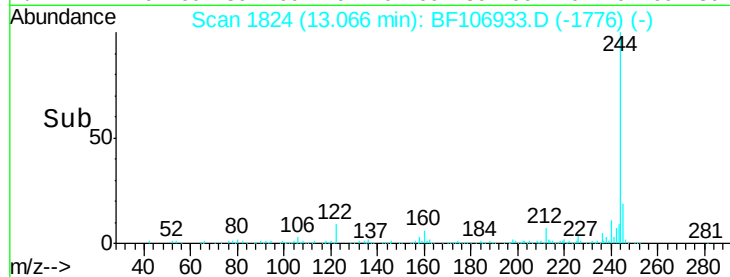
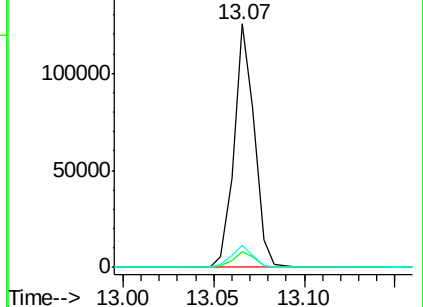
122 9.4 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 39.871 ng

RT: 13.54 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

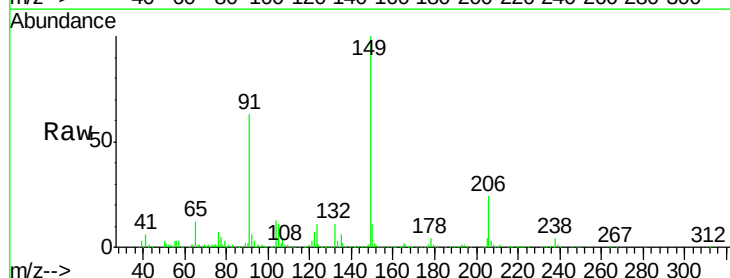
Tgt Ion:149 Resp: 245764

Ion Ratio Lower Upper

149 100

91 63.3 56.8 85.2

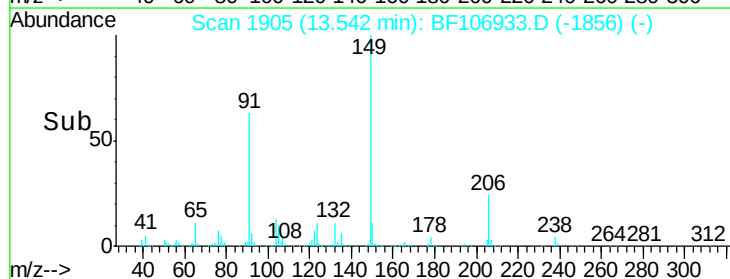
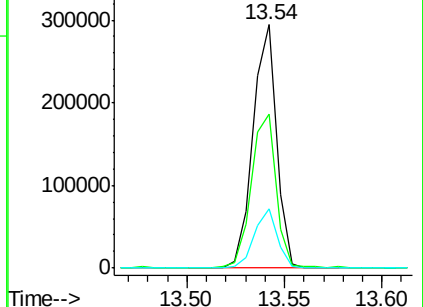
206 24.4 14.1 21.1#

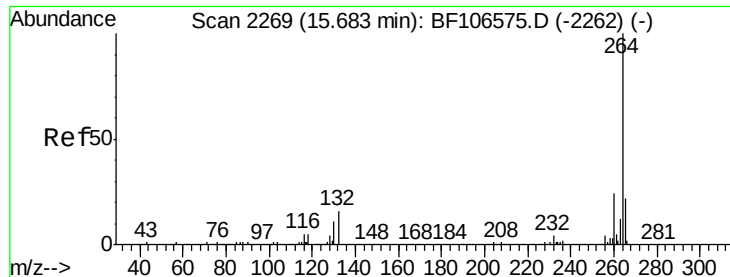


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



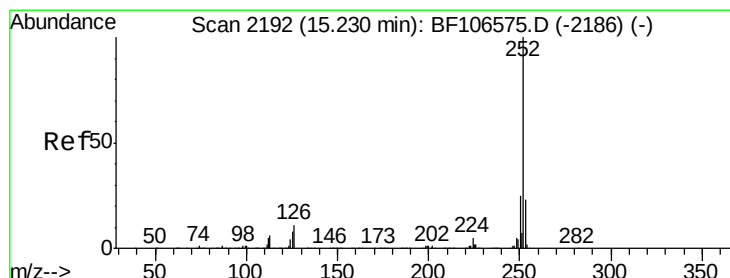
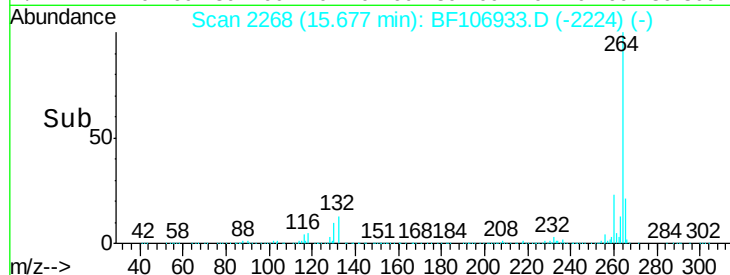
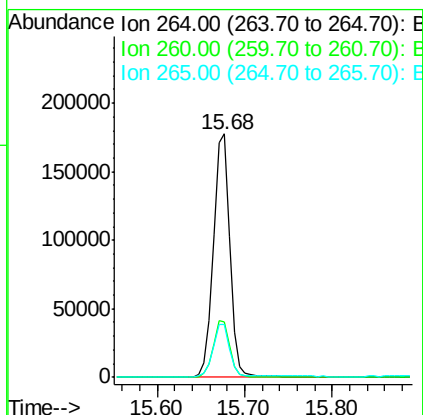
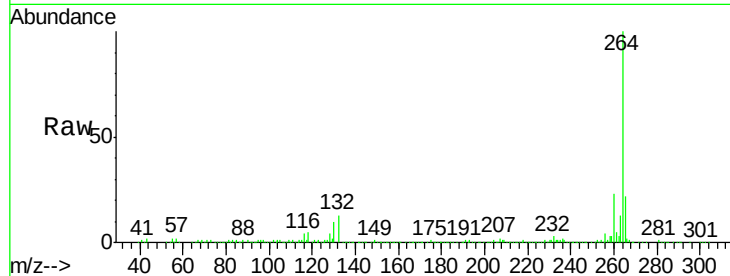


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:264 Resp: 235308

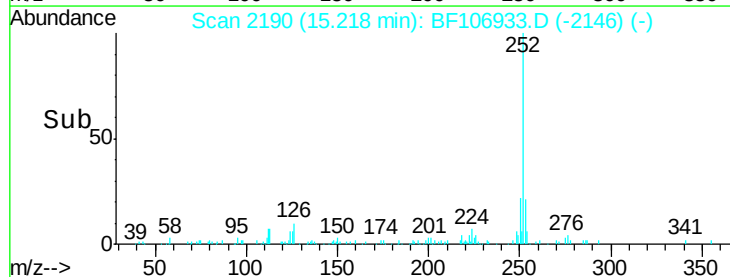
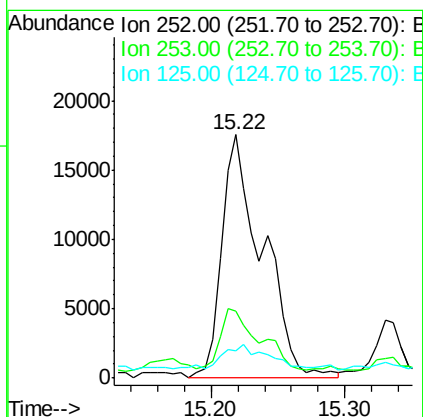
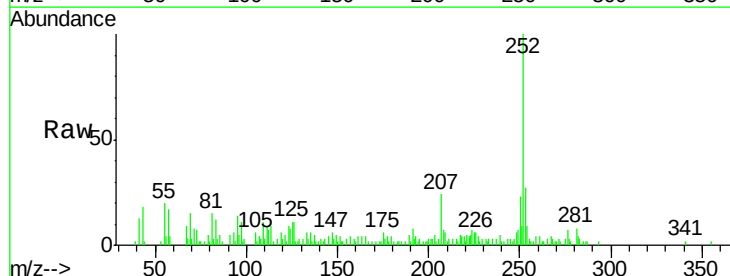
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.5	26.3

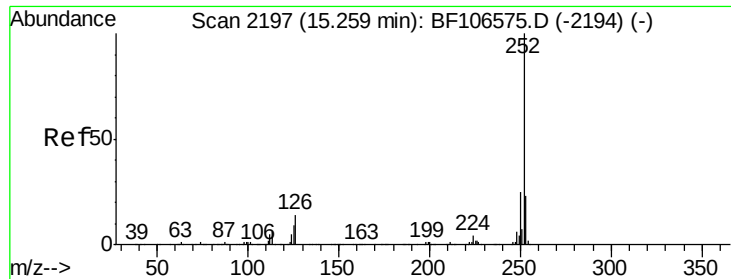


#87
Benzo(b)fluoranthene
Concen: 2.564 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:252 Resp: 37476

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.0	25.6#
125	11.1	9.0	13.6

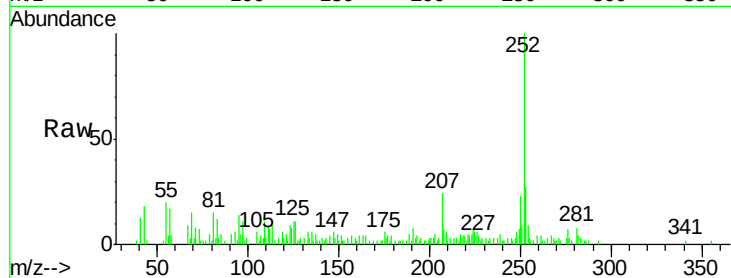




#88
 Benzo(k)fluoranthene
 Concen: 2.692 ng
 RT: 15.22 min Scan# 2190
 Delta R.T. -0.08 min
 Lab File: BF106933.D
 Acq: 28 Jun 2018 20:56

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

Tgt Ion: 252 Resp: 37476
 Ion Ratio Lower Upper
 252 100
 253 27.4 17.9 26.9#
 125 11.1 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

