

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
 Data File : BF106888.D
 Acq On : 27 Jun 2018 22:26
 Operator : JU/SJ
 Sample : J3247-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-062618

Quant Time: Jun 28 00:55:20 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

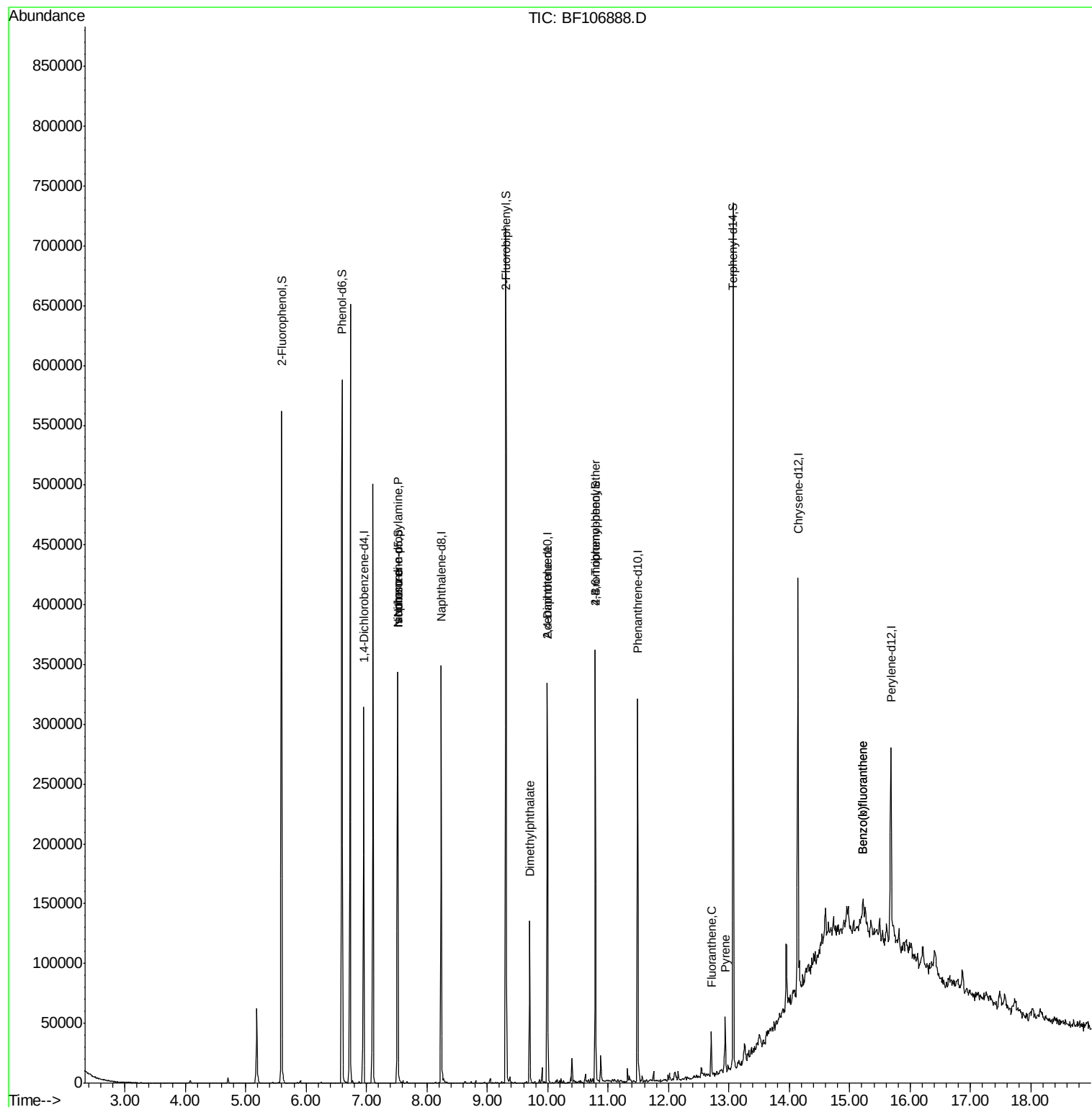
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	42594	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	153331	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	66151	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	118314	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	118524	20.00	ng	-0.02
86) Perylene-d12	15.68	264	84906	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	163756	65.10	ng	0.00
7) Phenol-d6	6.60	99	201850	64.26	ng	-0.02
23) Nitrobenzene-d5	7.52	82	119093	43.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	49162	64.12	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	223435	51.33	ng	-0.02
78) Terphenyl-d14	13.07	244	243912	49.85	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	15243	7.362	ng	# 74
25) Isophorone	7.52	82	119091	24.495	ng	# 64
49) Dimethylphthalate	9.70	163	50726	10.224	ng	97
56) 2,4-Dinitrotoluene	10.00	165	8251	6.017	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3092	2.190	ng	# 1
74) Fluoranthene	12.71	202	14806	2.354	ng	94
77) Pyrene	12.94	202	17695	2.264	ng	98
87) Benzo(b)fluoranthene	15.22	252	12649	2.398	ng	# 45
88) Benzo(k)fluoranthene	15.22	252	12649	2.518	ng	# 49

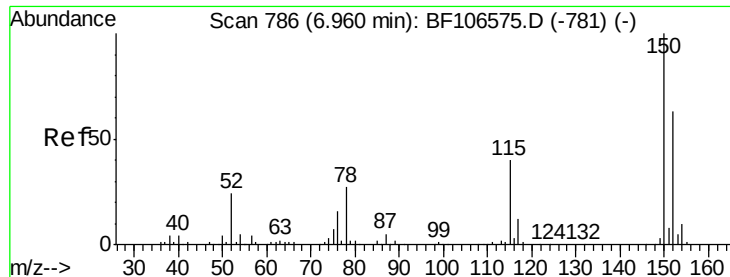
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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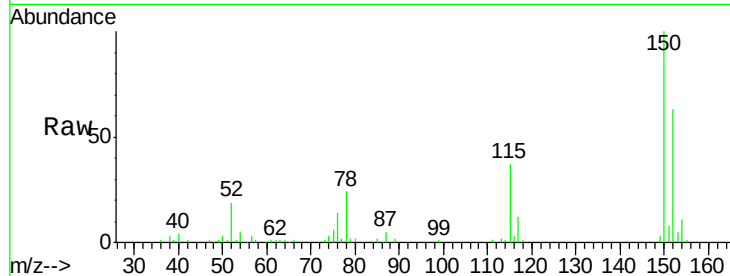


#1

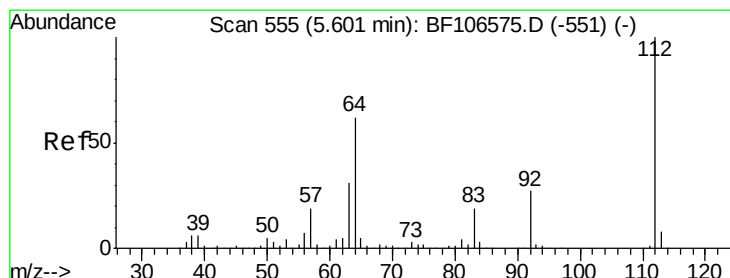
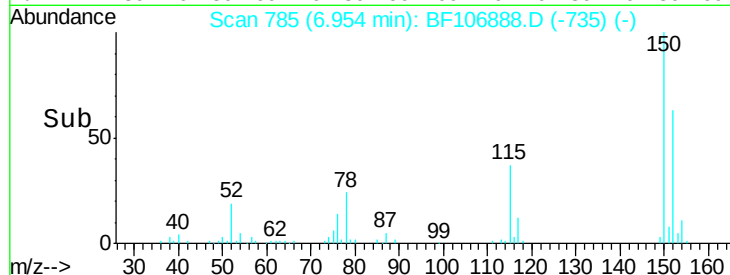
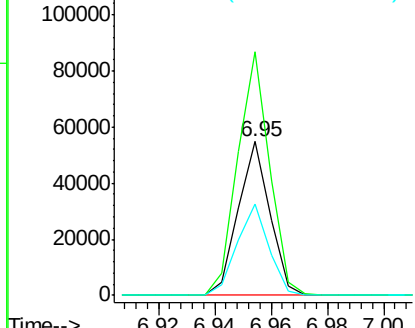
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106888.D
Acq: 27 Jun 2018 22:26

Instrument :
BNA_F
ClientSampleId :
OR-02-062618

Tgt Ion:152 Resp: 42594
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 59.1 50.1 75.1



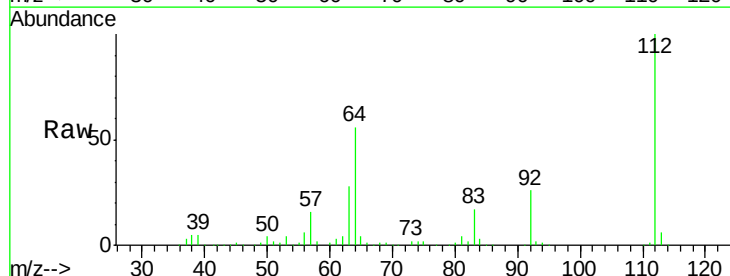
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



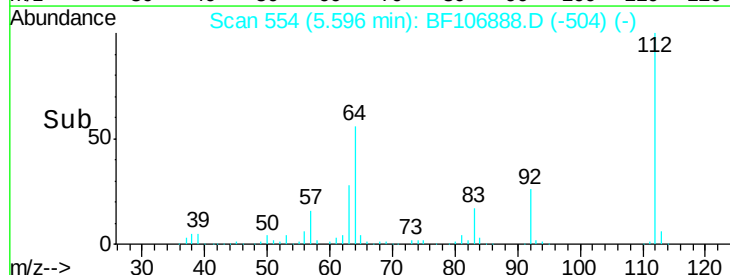
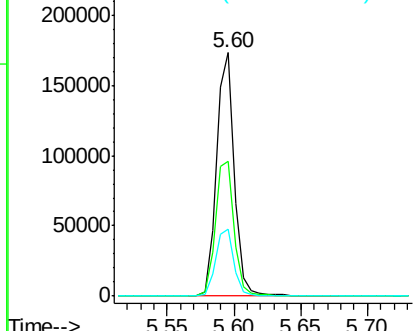
#5

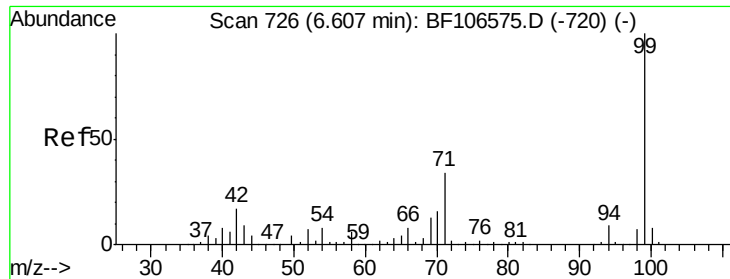
2-Fluorophenol
Concen: 65.101 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106888.D
Acq: 27 Jun 2018 22:26

Tgt Ion:112 Resp: 163756
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.6 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: 64.258 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

Instrument :

BNA_F

ClientSampleId :

OR-02-062618

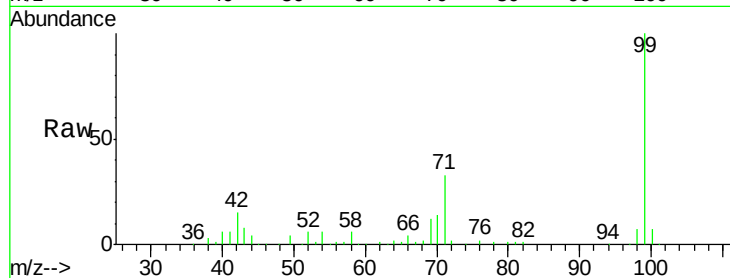
Tgt Ion: 99 Resp: 201850

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

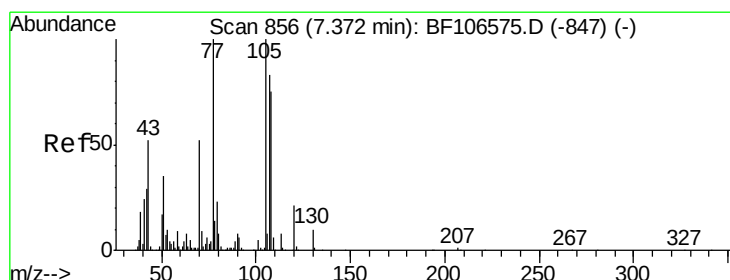
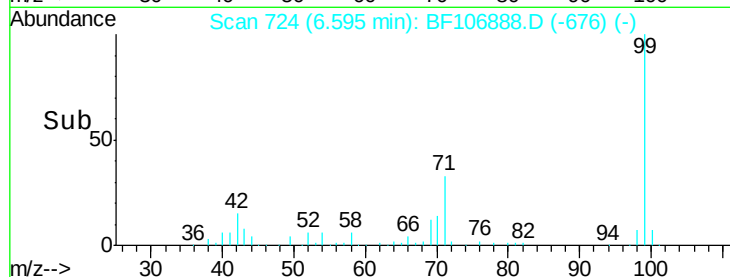
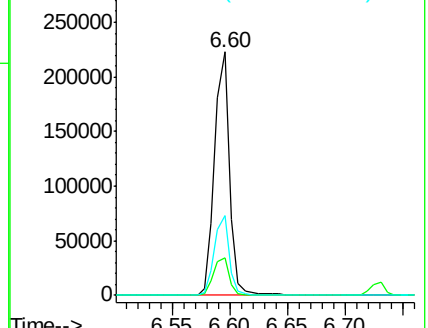
71 32.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.362 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

Tgt Ion: 70 Resp: 15243

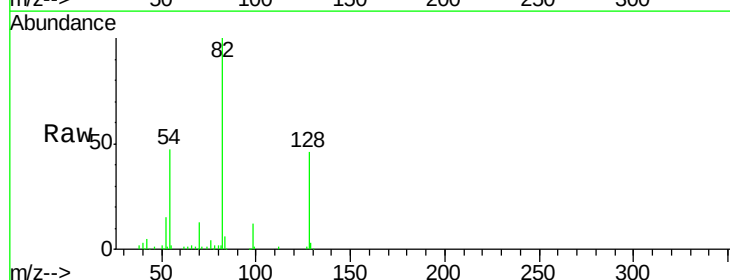
Ion Ratio Lower Upper

70 100

42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

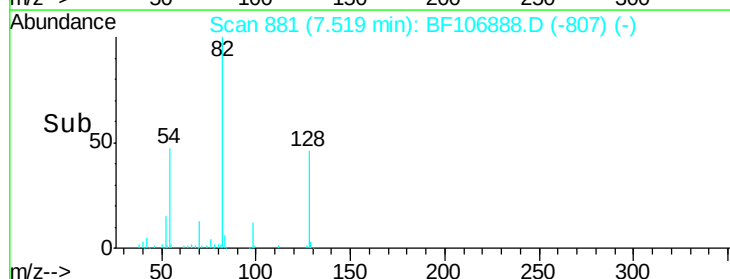
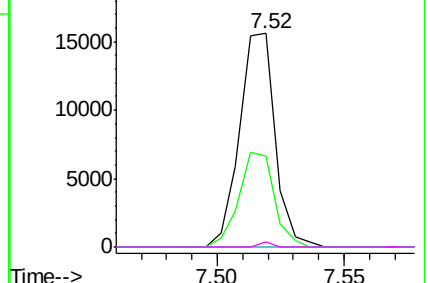


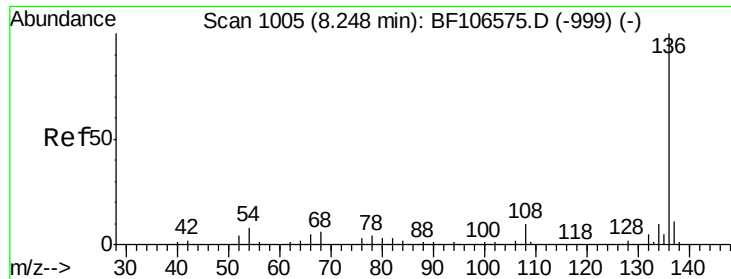
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

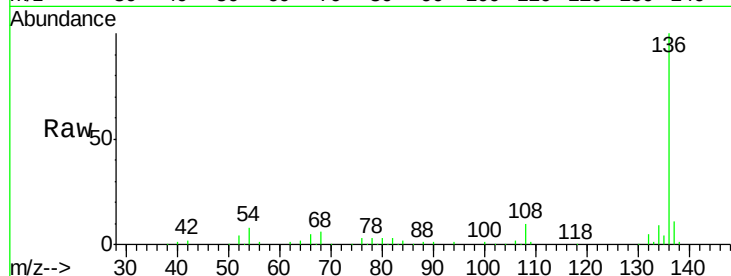




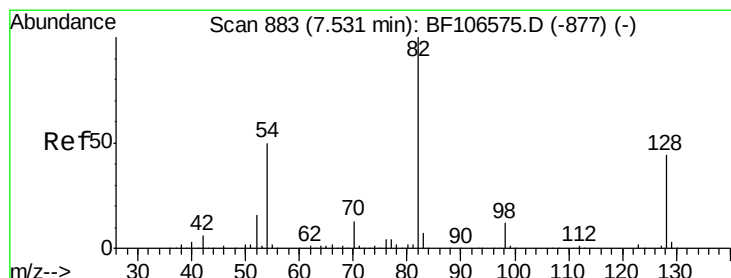
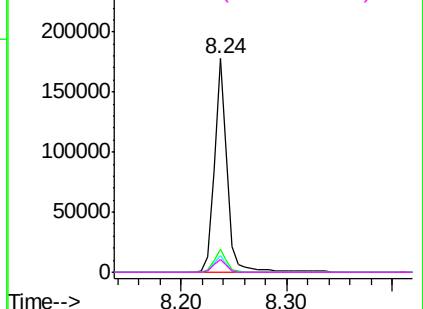
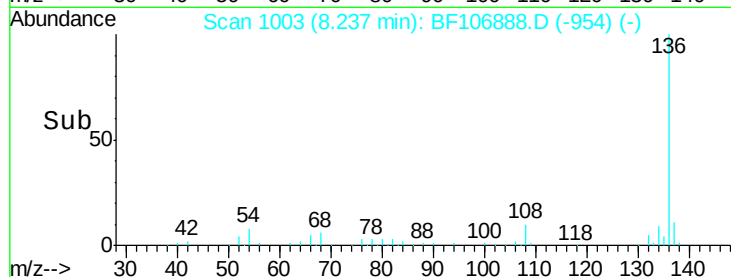
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106888.D
Acq: 27 Jun 2018 22:26

Instrument :
BNA_F
ClientSampleId :
OR-02-062618

Tgt Ion:	136	Resp:	153331
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.0	5.0	7.4

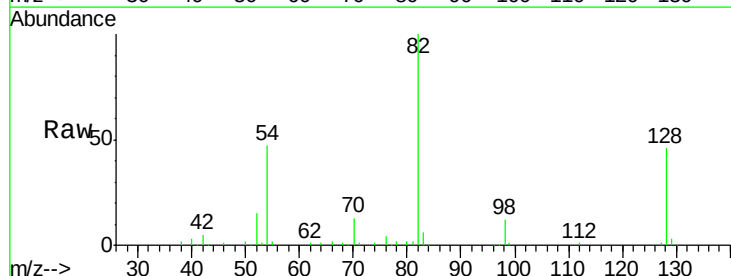


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

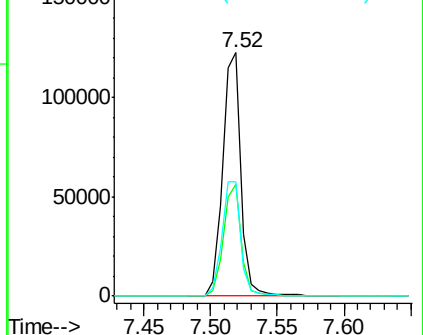
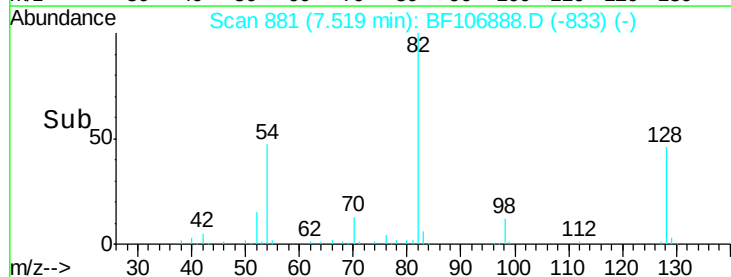


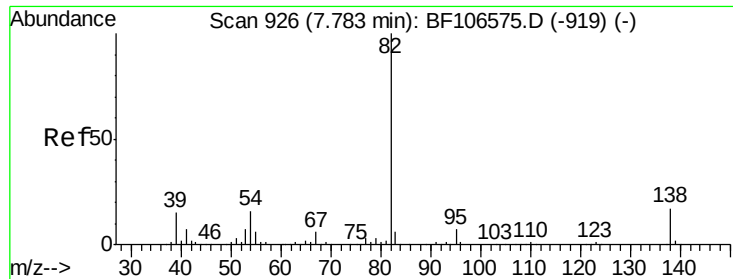
#23
Nitrobenzene-d5
Concen: 43.164 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106888.D
Acq: 27 Jun 2018 22:26

Tgt Ion:	82	Resp:	119093
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	47.2	41.4	62.2



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





#25

Isophorone

Concen: 24.495 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

Instrument :

BNA_F

ClientSampleId :

OR-02-062618

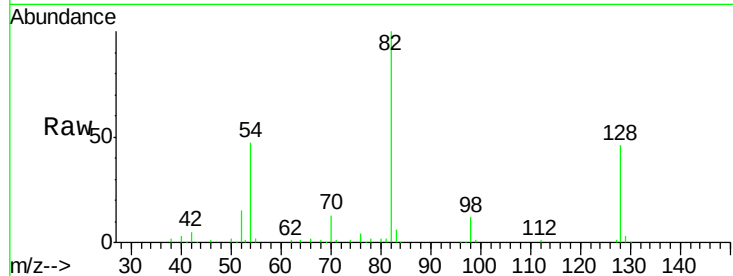
Tgt Ion: 82 Resp: 119091

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

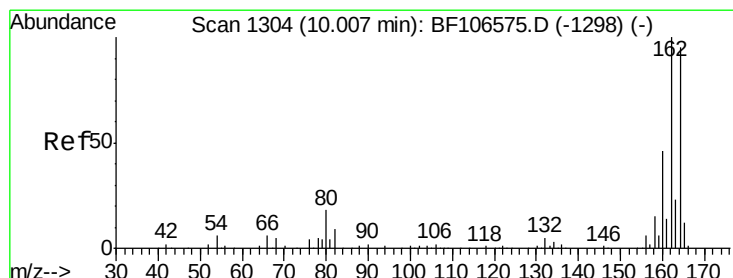
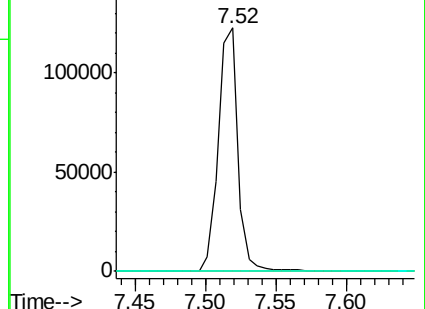
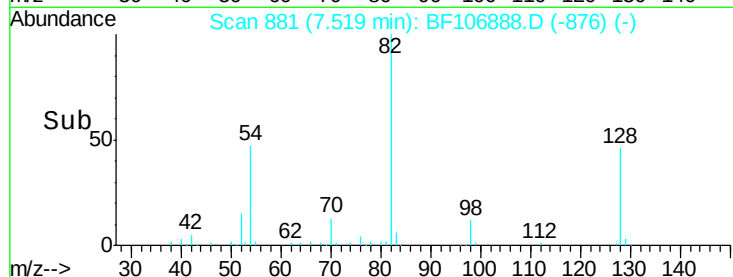
138 0.0 14.9 22.3#



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: BF106888.D

Acq: 27 Jun 2018 22:26

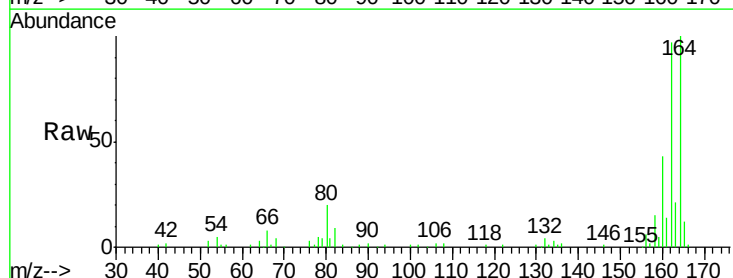
Tgt Ion: 164 Resp: 66151

Ion Ratio Lower Upper

164 100

162 96.6 86.1 129.1

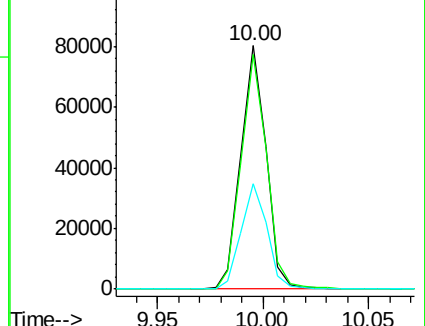
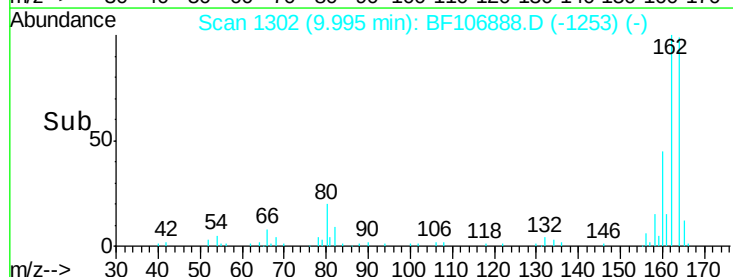
160 43.0 38.3 57.5

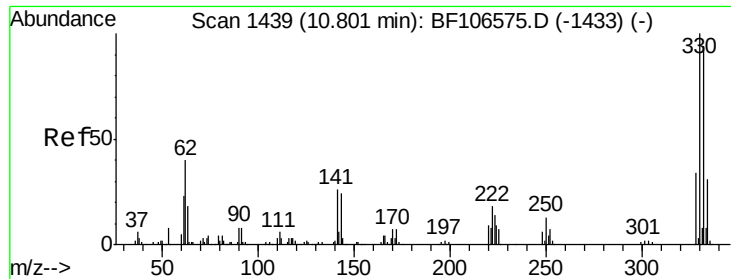


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 64.121 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

Instrument :

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OR-02-062618

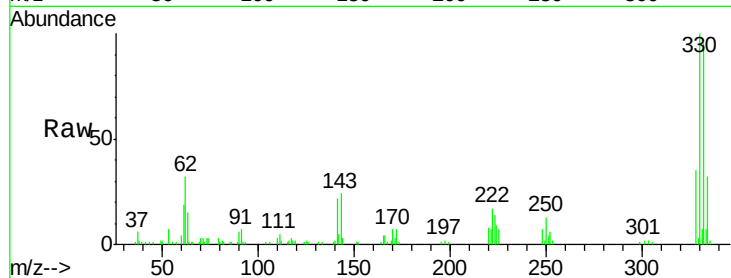
Tgt Ion:330 Resp: 49162

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

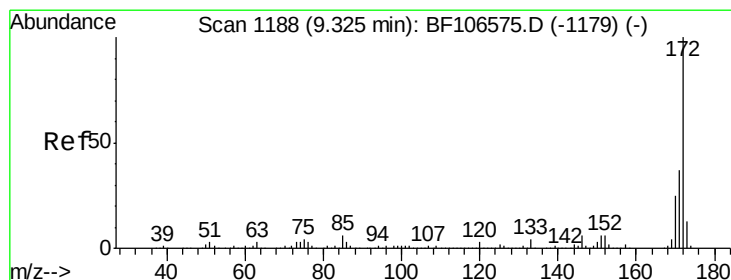
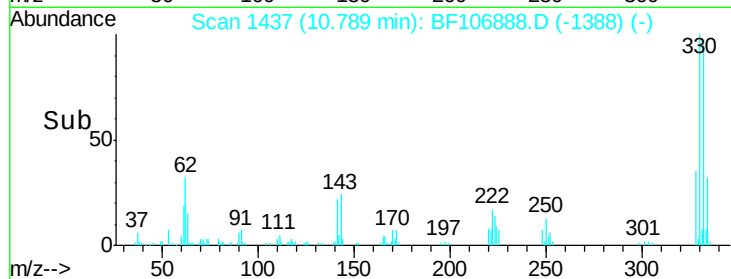
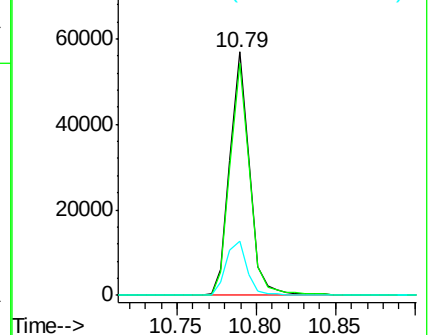
141 23.8 29.9 44.9#



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: 51.327 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

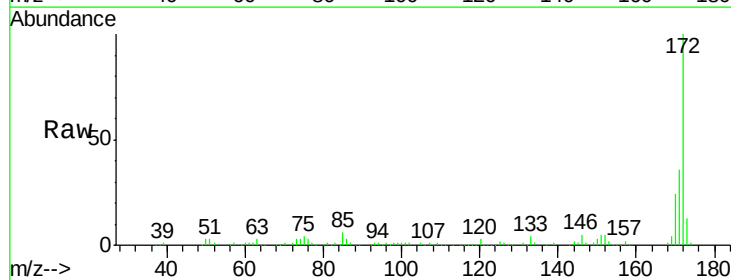
Tgt Ion:172 Resp: 223435

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

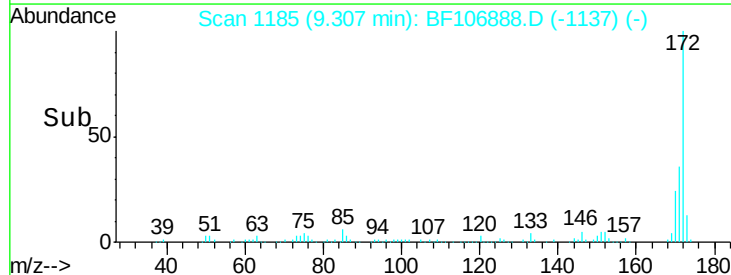
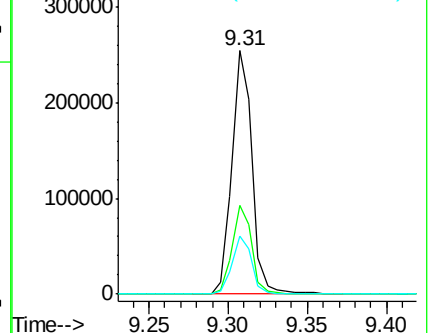
170 23.8 19.6 29.4

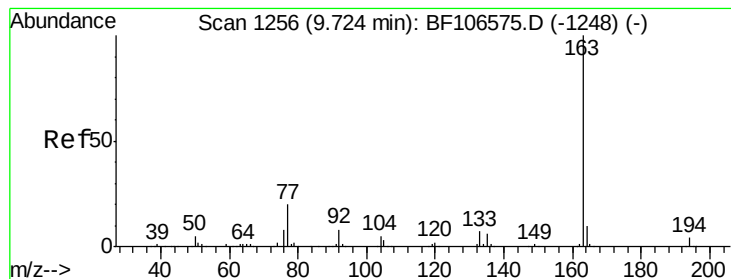


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.224 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

Instrument :

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ClientSampleId :

OR-02-062618

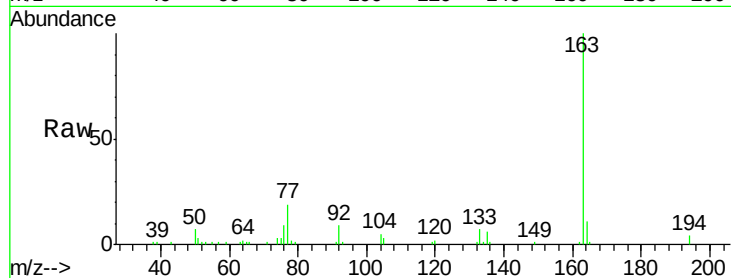
Tgt Ion:163 Resp: 50726

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

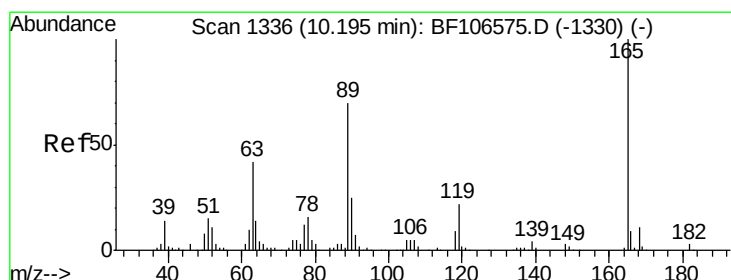
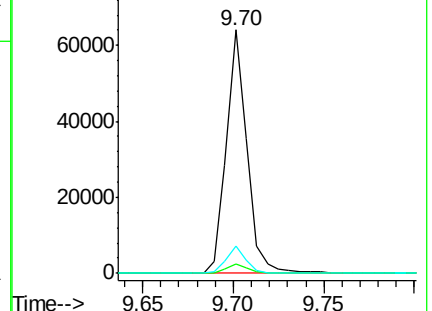
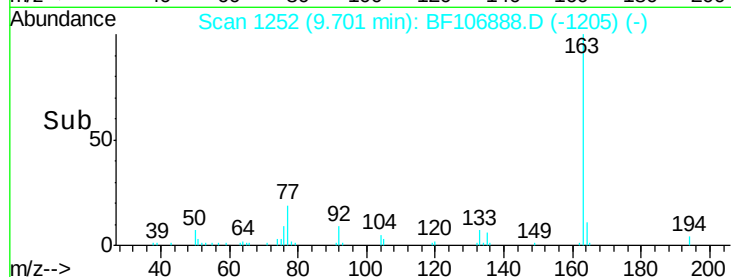
164 11.4 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.017 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

Tgt Ion:165 Resp: 8251

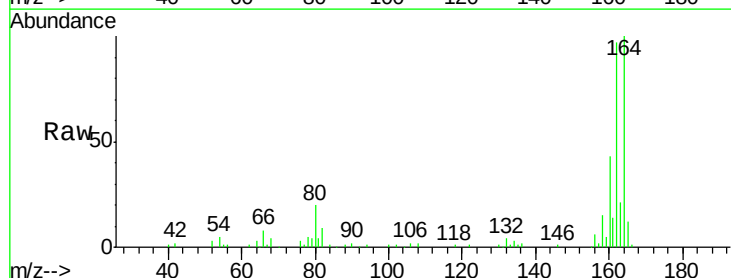
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

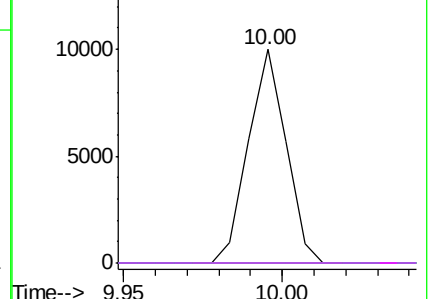
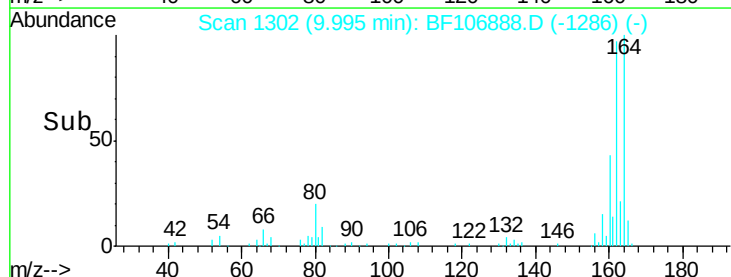


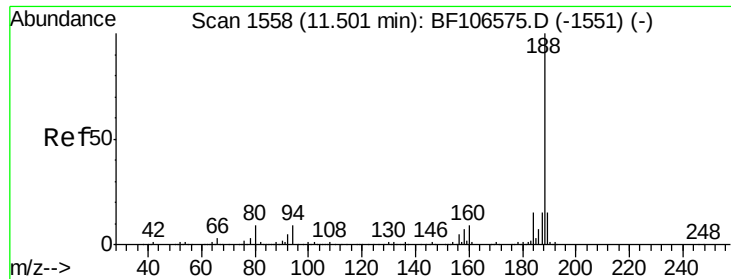
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

Instrument :

BNA_F

ClientSampleId :

OR-02-062618

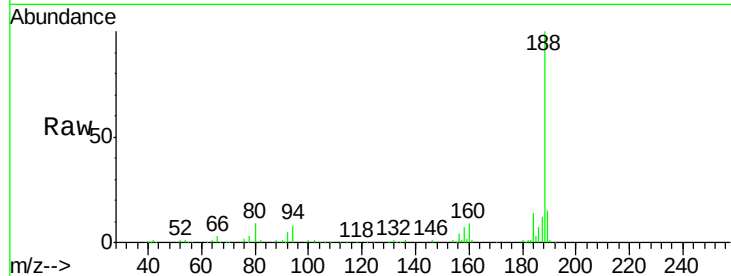
Tgt Ion:188 Resp: 118314

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

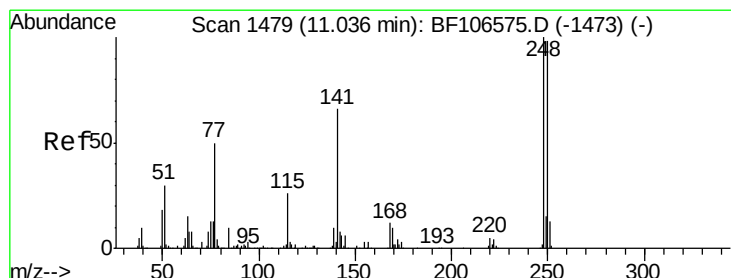
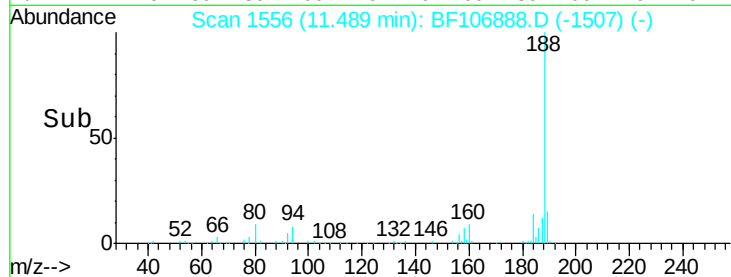
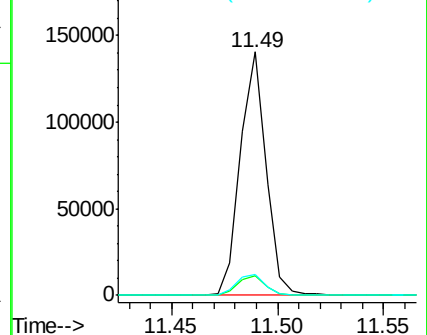
80 8.8 9.2 13.8#



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: 2.190 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

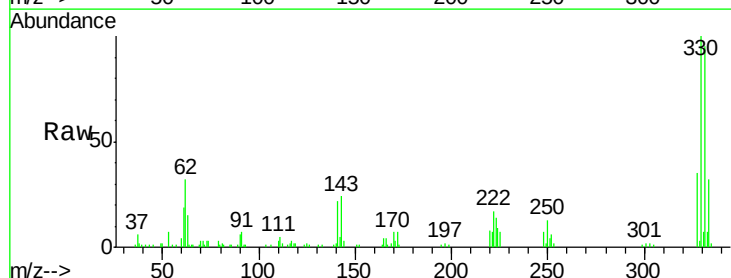
Tgt Ion:248 Resp: 3092

Ion Ratio Lower Upper

248 100

250 186.8 76.9 115.3#

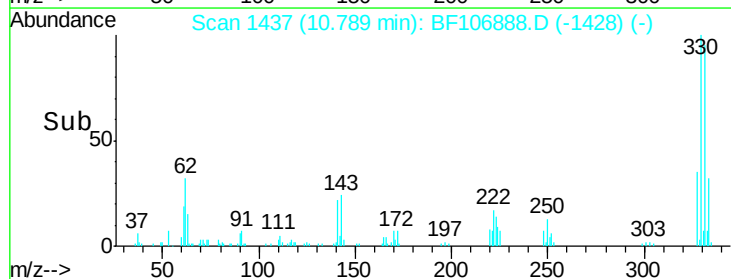
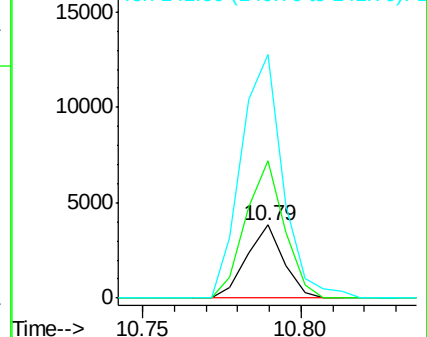
141 332.4 74.4 111.6#

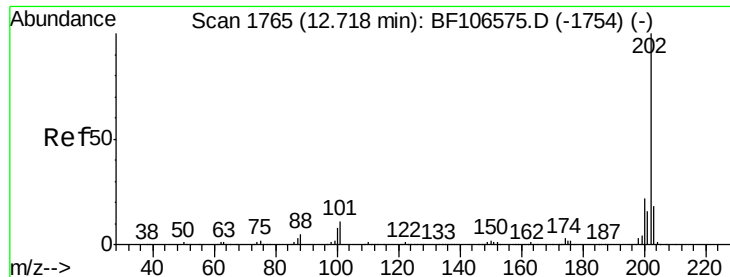


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.354 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106888.D

Acq: 27 Jun 2018 22:26

Instrument :

BNA_F

ClientSampleId :

OR-02-062618

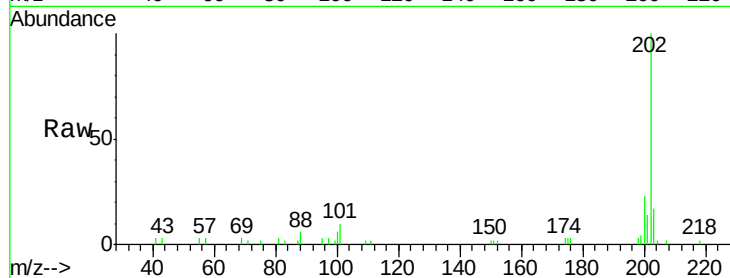
Tgt Ion:202 Resp: 14806

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

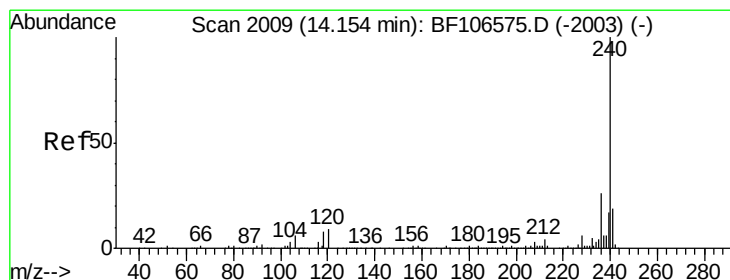
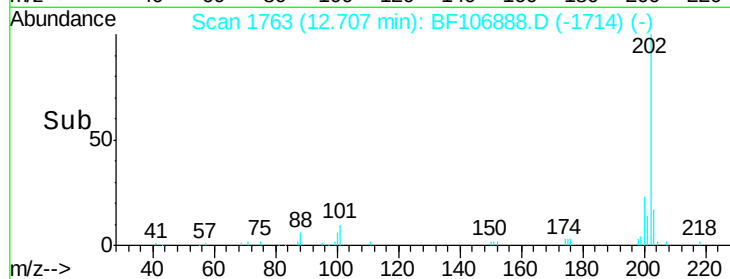
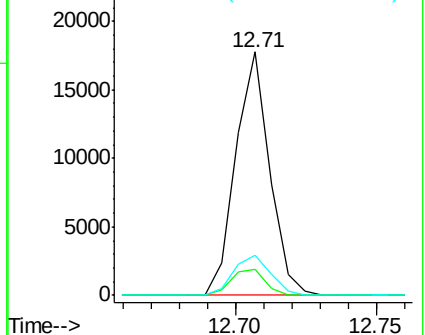
203 16.7 0.0 38.1



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: BF106888.D

Acq: 27 Jun 2018 22:26

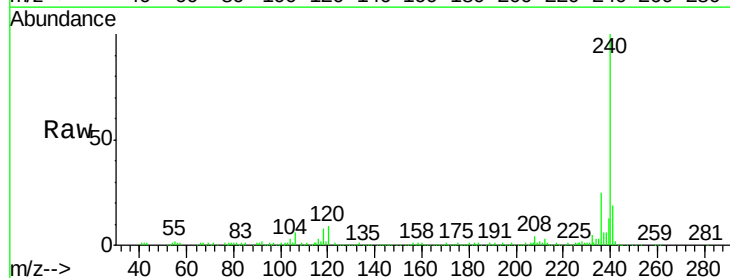
Tgt Ion:240 Resp: 118524

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

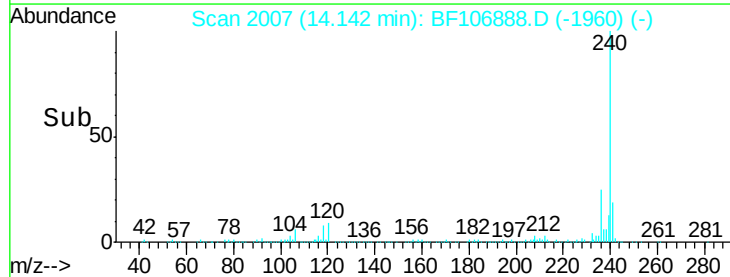
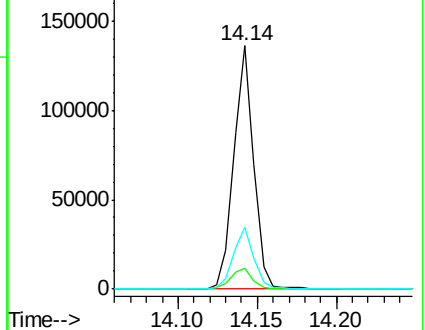
236 25.5 20.7 31.1

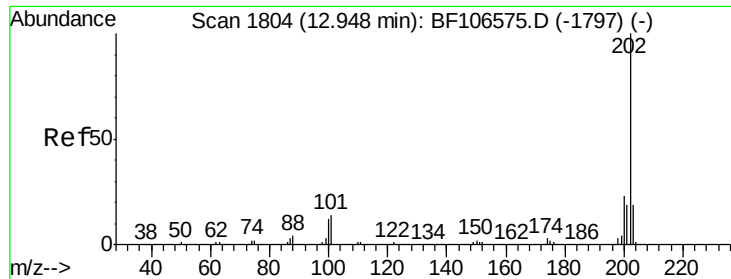


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

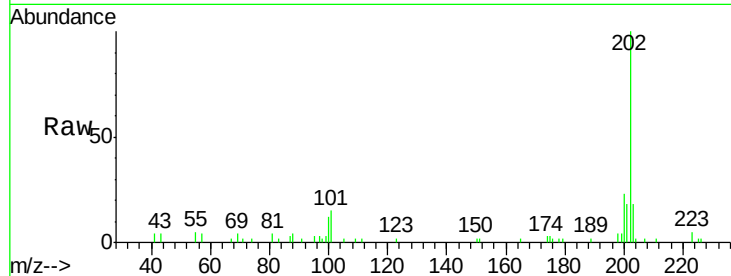




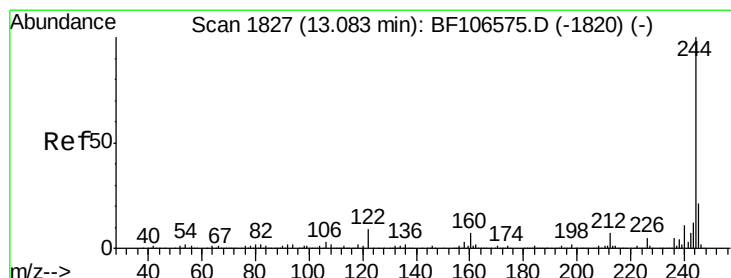
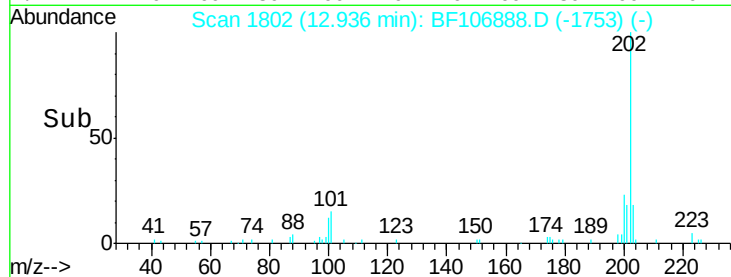
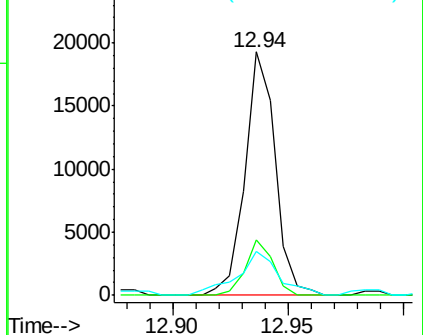
#77
 Pyrene
 Concen: 2.264 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF106888.D
 Acq: 27 Jun 2018 22:26

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-062618

Tgt Ion: 202 Resp: 17695
 Ion Ratio Lower Upper
 202 100
 200 23.0 17.4 26.2
 203 18.1 14.3 21.5

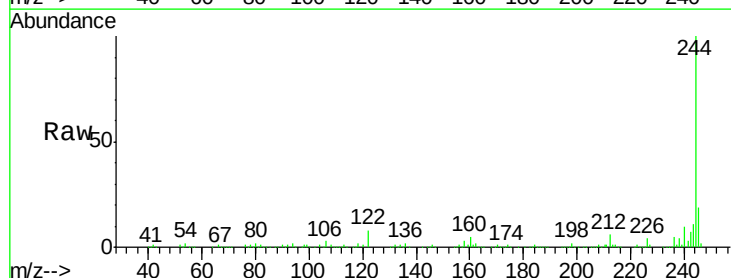


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

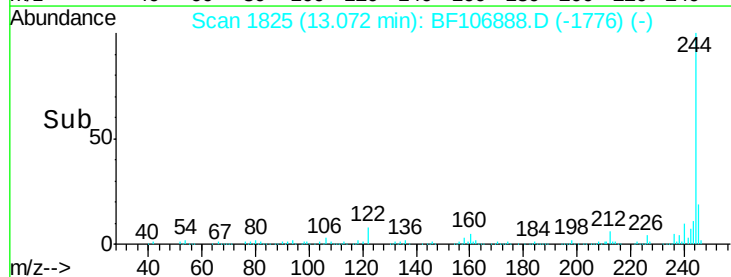
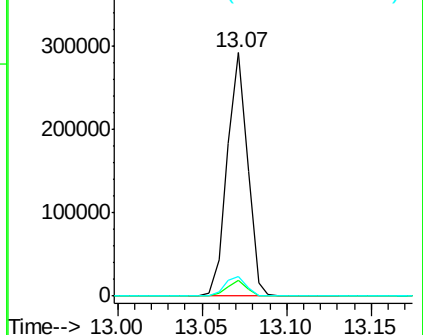


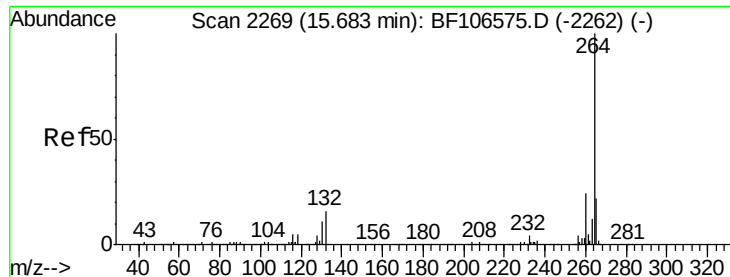
#78
 Terphenyl-d14
 Concen: 49.849 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106888.D
 Acq: 27 Jun 2018 22:26

Tgt Ion: 244 Resp: 243912
 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



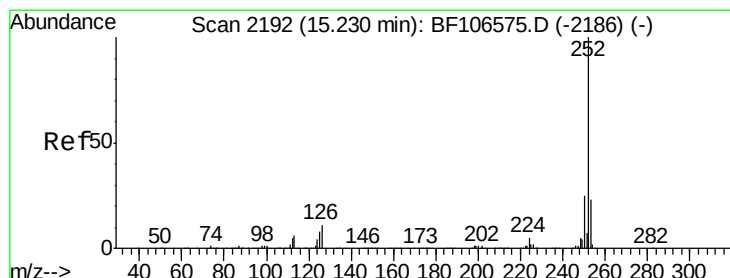
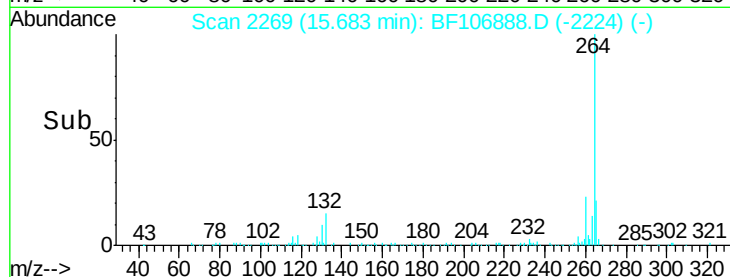
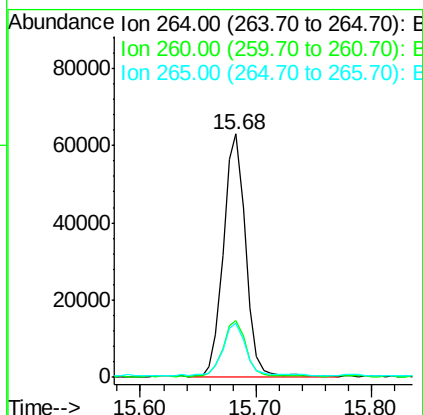
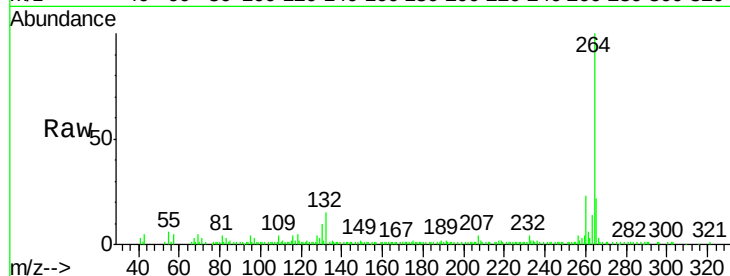


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106888.D
Acq: 27 Jun 2018 22:26

Instrument :
BNA_F
ClientSampleId :
OR-02-062618

Tgt Ion: 264 Resp: 84906

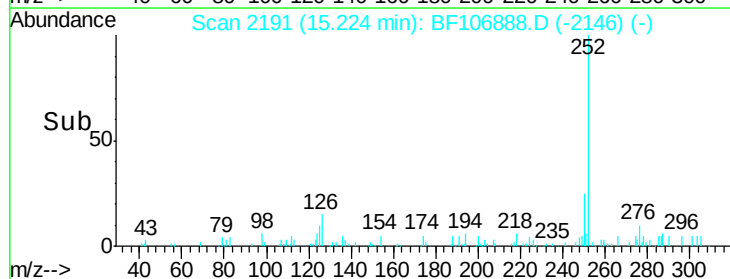
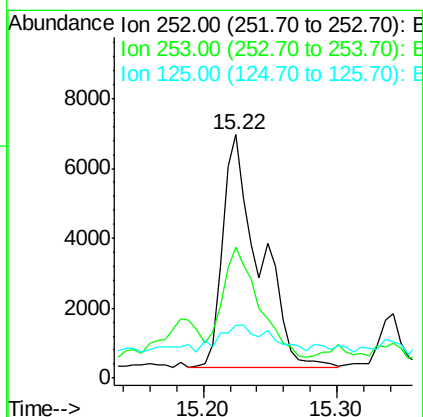
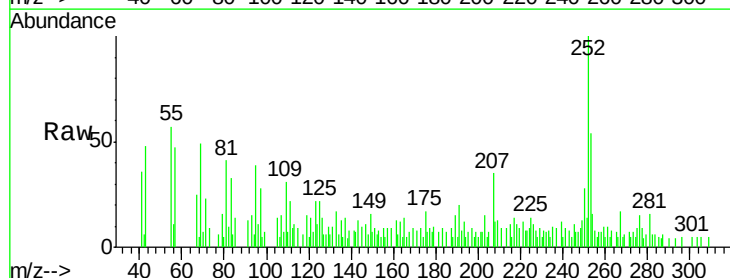
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.2	17.5	26.3

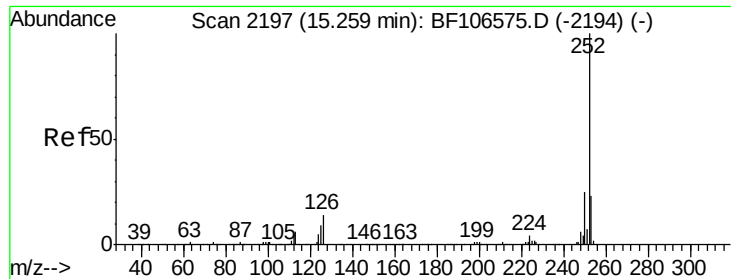


#87
Benzo(b)fluoranthene
Concen: 2.398 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106888.D
Acq: 27 Jun 2018 22:26

Tgt Ion: 252 Resp: 12649

Ion	Ratio	Lower	Upper
252	100		
253	54.0	17.0	25.6#
125	22.0	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.518 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.07 min

Lab File: BF106888.D

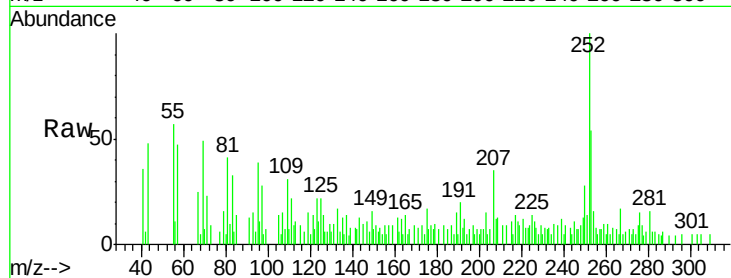
Acq: 27 Jun 2018 22:26

Instrument :

BNA_F

ClientSampleId :

OR-02-062618



Tgt Ion:	252	Resp:	12649
Ion	Ratio	Lower	Upper
252	100		
253	54.0	17.9	26.9#
125	22.0	10.2	15.2#

