

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110563.D
 Acq On : 7 Nov 2018 18:47
 Operator : JU/SJ
 Sample : J5813-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-C

Quant Time: Nov 09 10:35:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 10:28:28 2018
 Response via : Initial Calibration

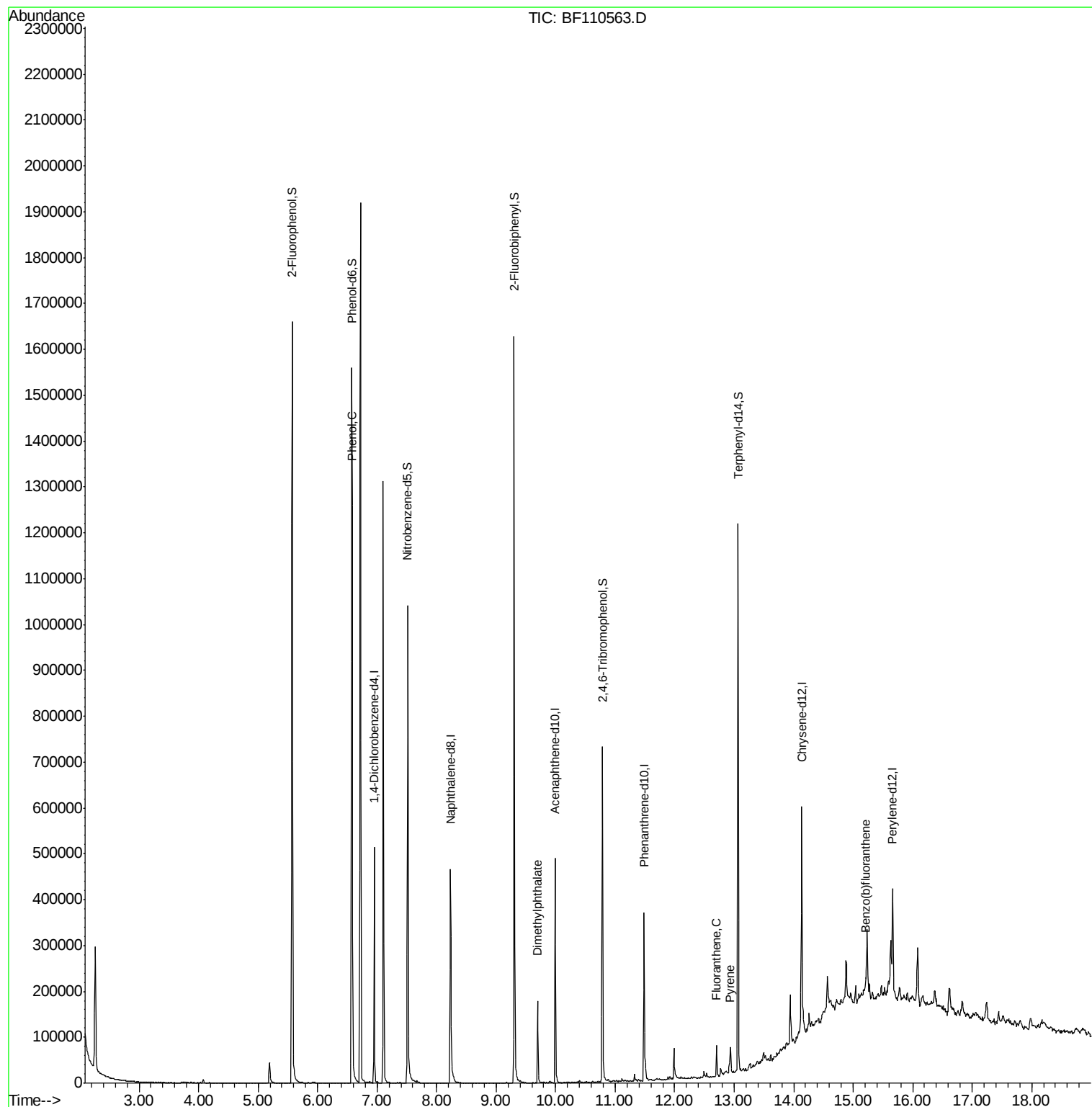
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72161	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	262908	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	99009	20.00	ng	-0.01
64) Phenanthrene-d10	11.49	188	152425	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157281	20.00	ng	-0.01
87) Perylene-d12	15.66	264	121164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	458477	103.46	ng	0.00
7) Phenol-d6	6.57	99	557931	98.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	351813	79.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	86656	88.36	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	531944	84.37	ng	-0.01
79) Terphenyl-d14	13.07	244	382784	50.62	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	36677	6.054	ng	Qvalue # 68
50) Dimethylphthalate	9.70	163	79733	10.909	ng	99
75) Fluoranthene	12.70	202	26818	3.313	ng	98
78) Pyrene	12.94	202	24421	2.166	ng	99
88) Benzo(b)fluoranthene	15.21	252	17536m	2.506	ng	

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

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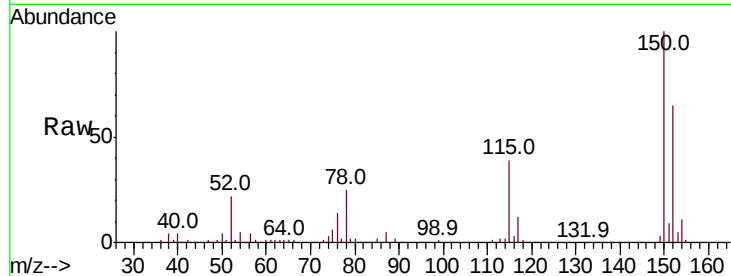


#1

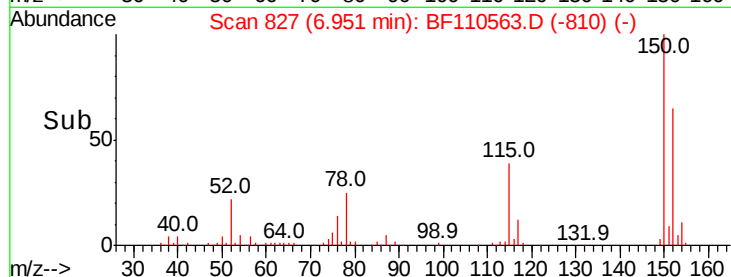
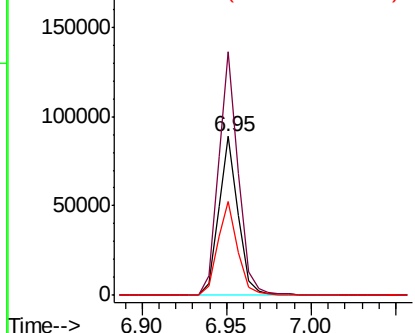
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TS-C

Tot Ion:152 Resp: 72161
Ion Ratio Lower Upper
152 100
150 153.0 122.7 184.1
115 59.4 49.1 73.7



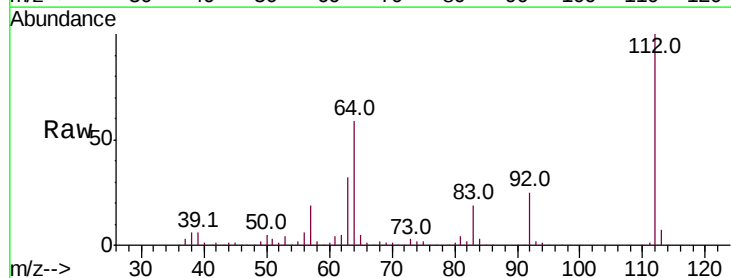
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



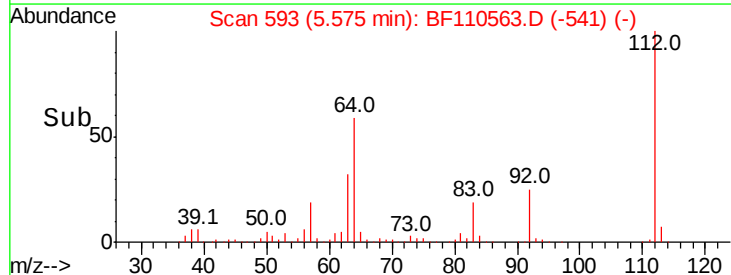
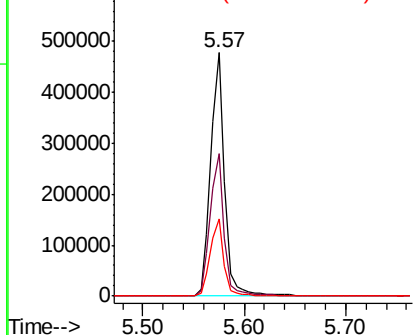
#5

2-Fluorophenol
Concen: 103.464 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Tgt Ion:112 Resp: 458477
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 32.0 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: 98.437 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TS-C

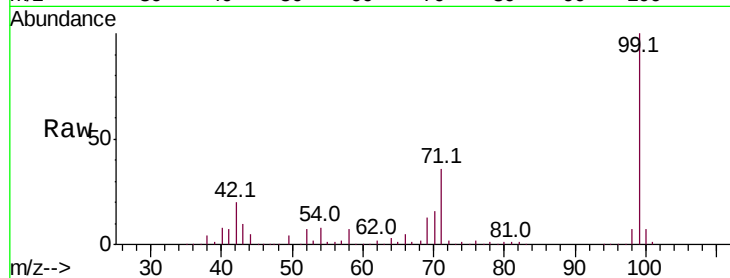
Tot Ion: 99 Resp: 557931

Ion Ratio Lower Upper

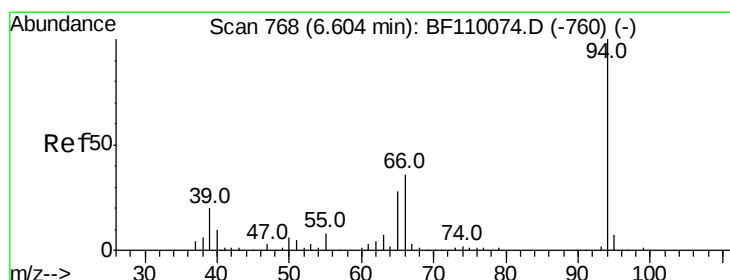
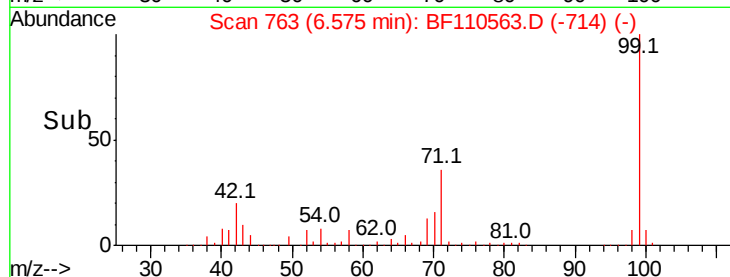
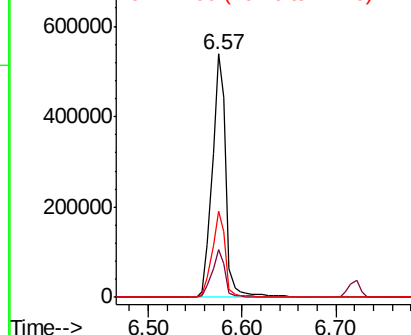
99 100

42 19.8 15.8 23.6

71 35.6 28.0 42.0



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



#10

Phenol

Concen: 6.054 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

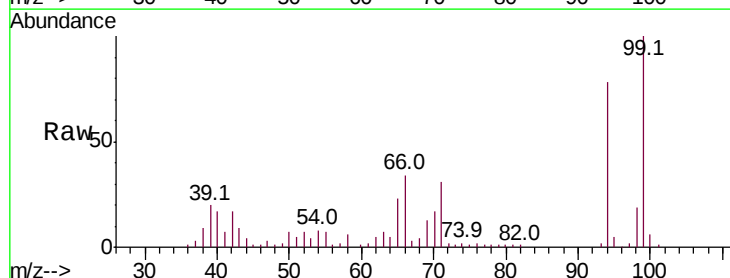
Tgt Ion: 94 Resp: 36677

Ion Ratio Lower Upper

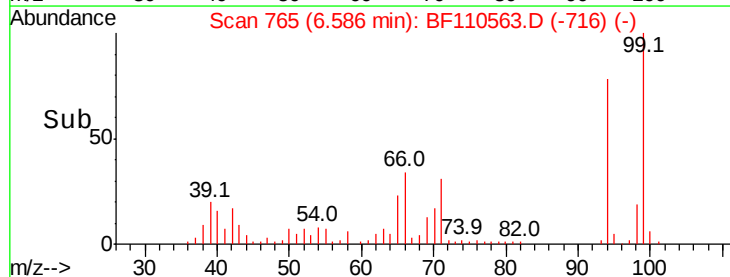
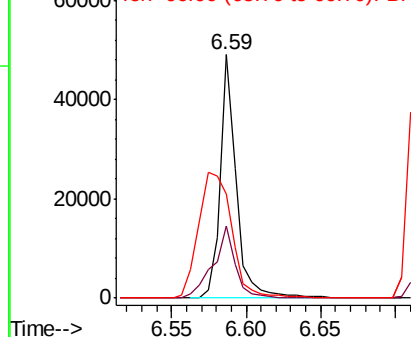
94 100

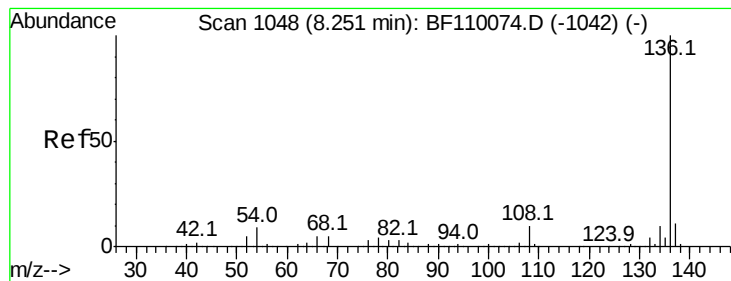
65 29.9 25.3 65.3

66 43.0 54.5 94.5#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TS-C

Tot Ion:136 Resp: 262908

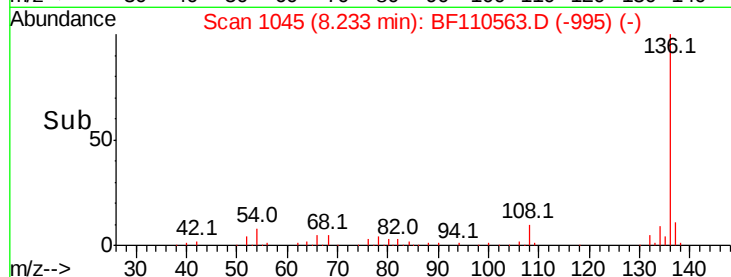
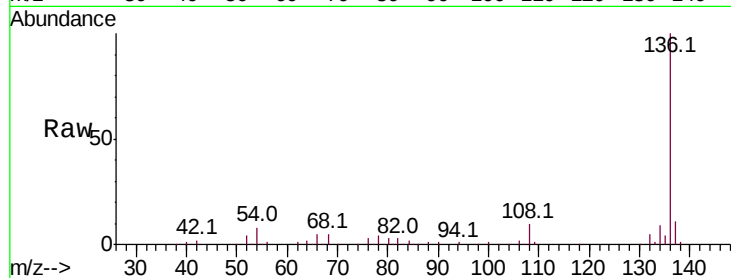
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.1 5.4 8.2

68 5.1 4.2 6.2

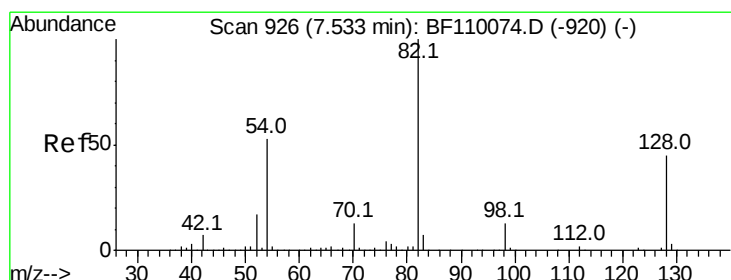
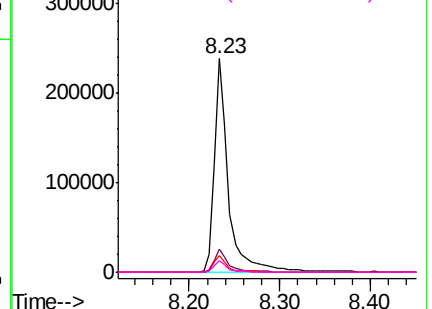


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.371 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

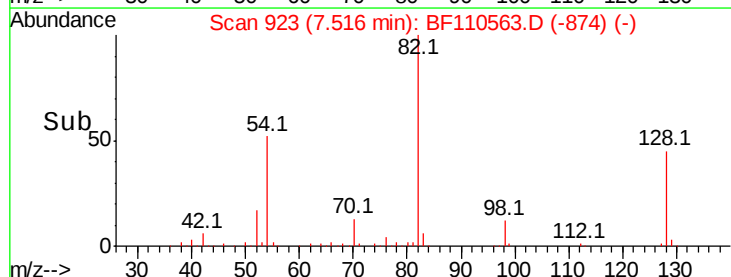
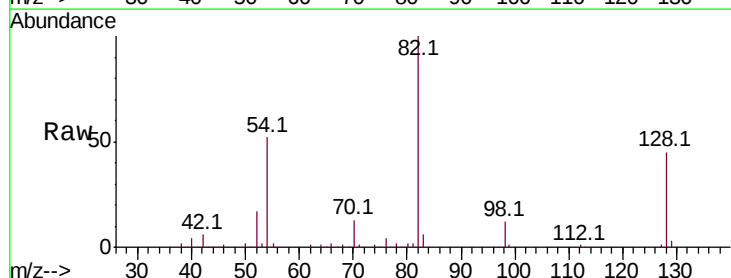
Tgt Ion: 82 Resp: 351813

Ion Ratio Lower Upper

82 100

128 45.4 34.2 51.2

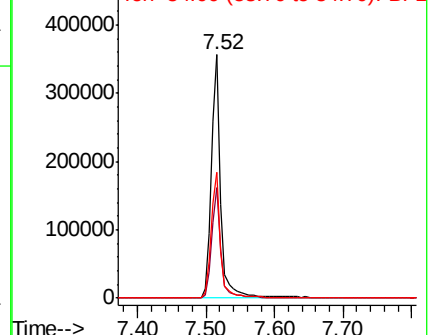
54 52.0 38.6 58.0



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

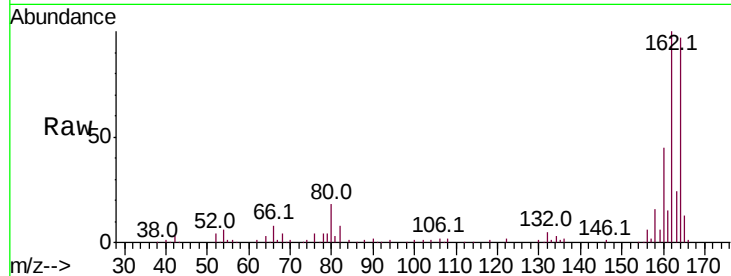




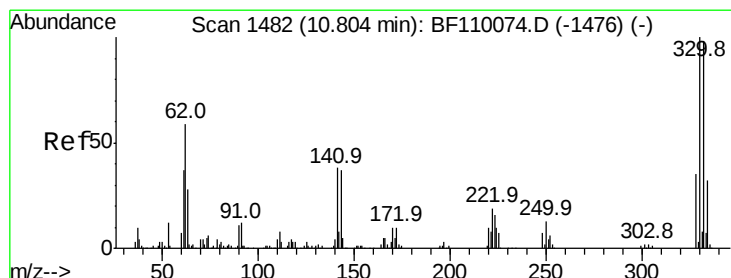
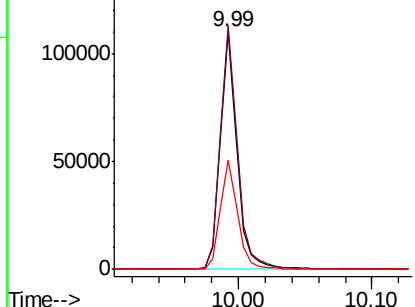
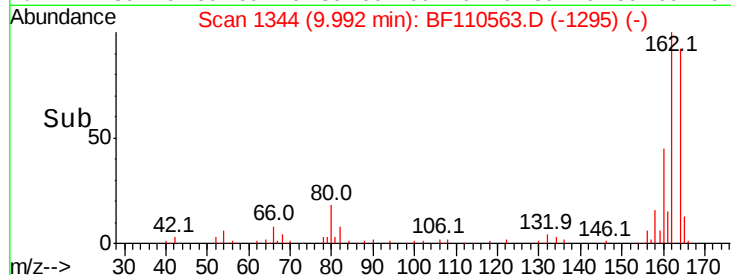
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TS-C

Tot Ion:164 Resp: 99009
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 46.2 37.0 55.6

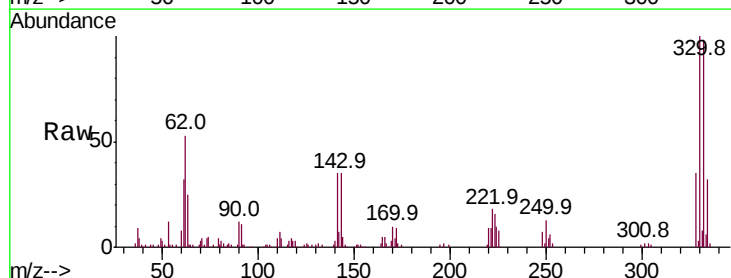


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

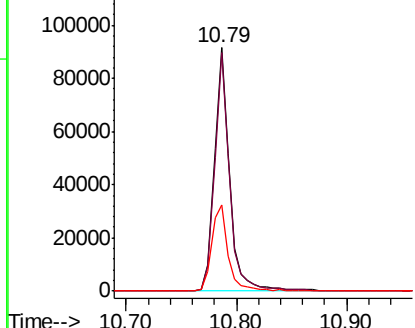
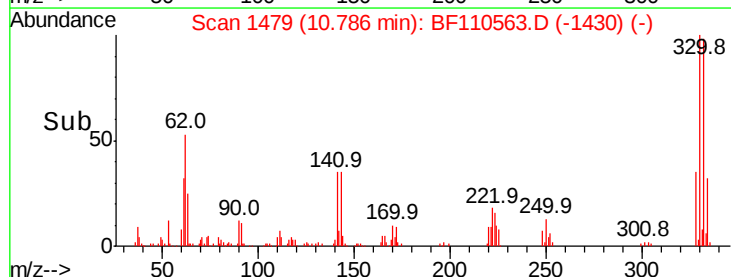


#42
2,4,6-Tribromophenol
Concen: 88.357 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Tgt Ion:330 Resp: 86656
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 37.7 27.0 40.4



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

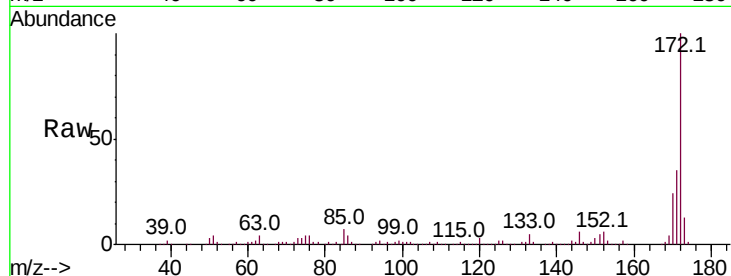




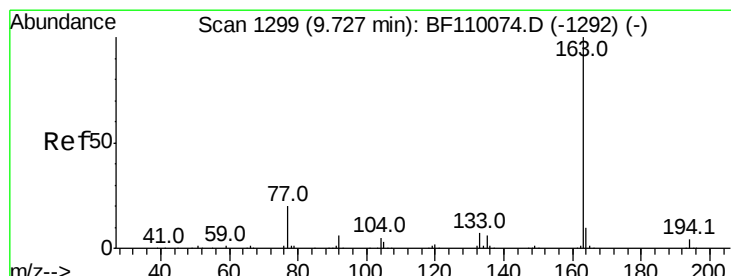
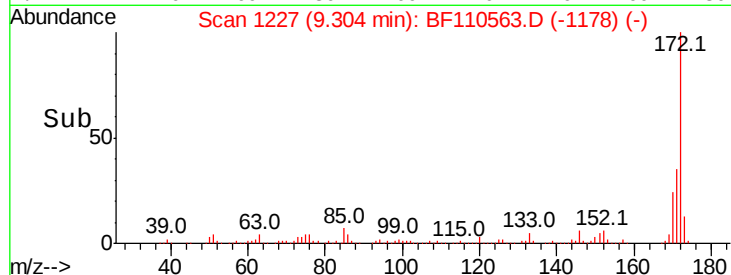
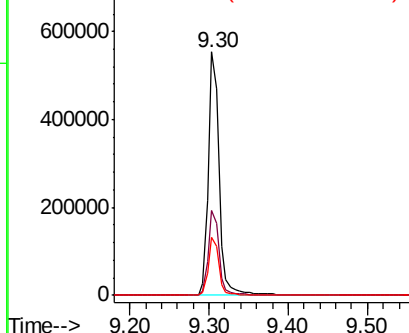
#45
 2-Fluorobiphenyl
 Concen: 84.365 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TS-C

Tot Ion:172 Resp: 531944
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.6 19.7 29.5

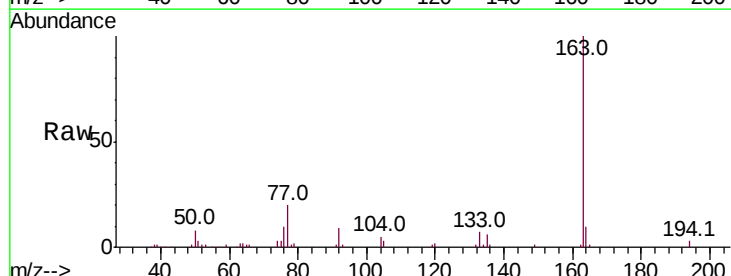


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

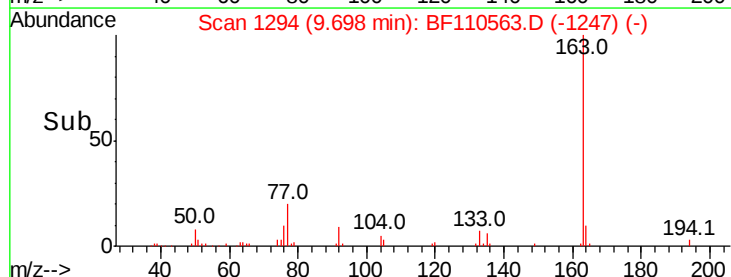
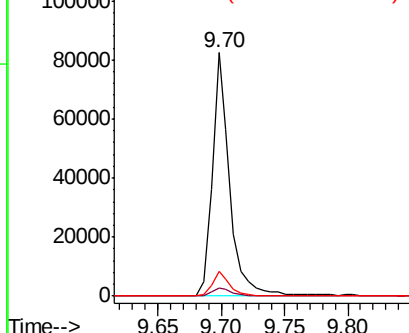


#50
 Dimethylphthalate
 Concen: 10.909 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Tgt Ion:163 Resp: 79733
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.2 4.8
 164 10.1 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TS-C

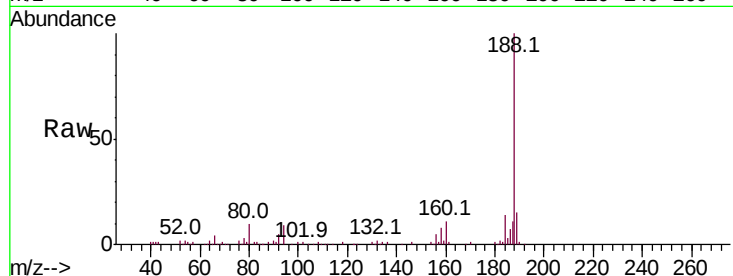
Tot Ion:188 Resp: 152425

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

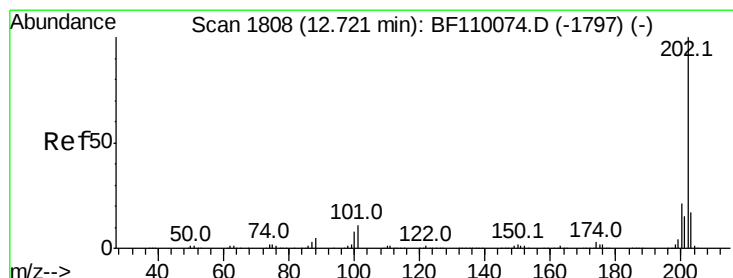
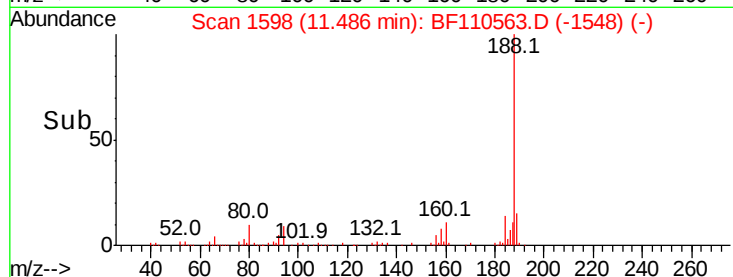
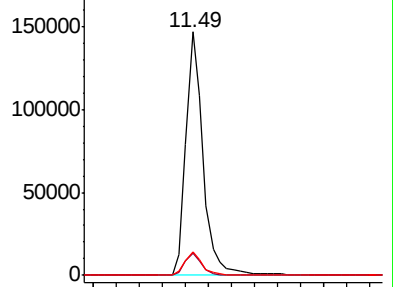
80 9.7 7.9 11.9



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



#75

Fluoranthene

Concen: 3.313 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

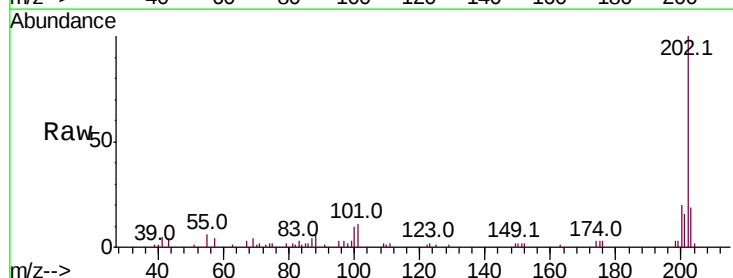
Tgt Ion:202 Resp: 26818

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.4

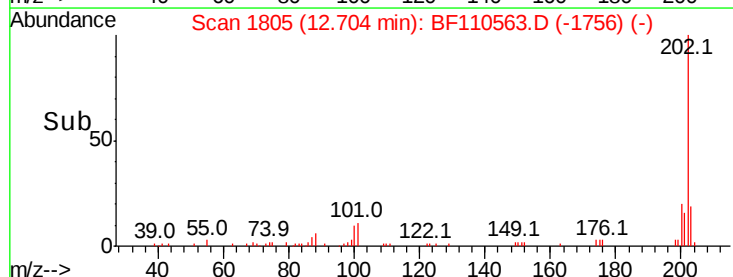
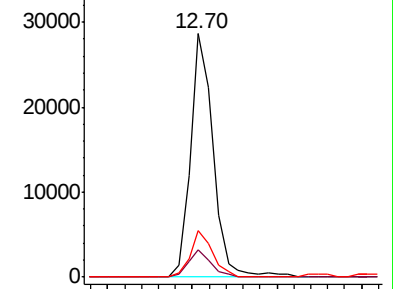
203 19.3 0.0 37.7

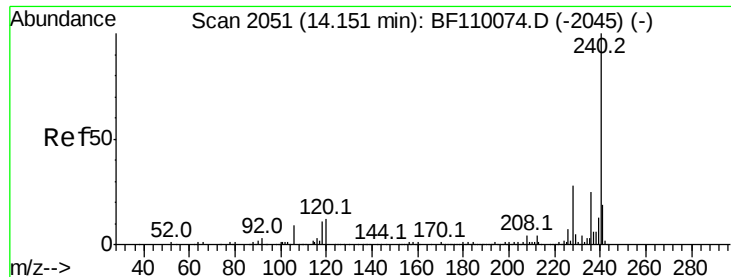


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

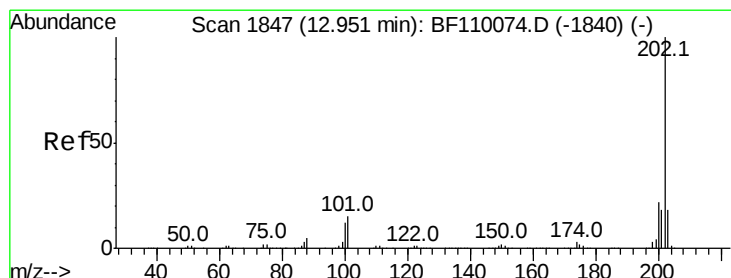
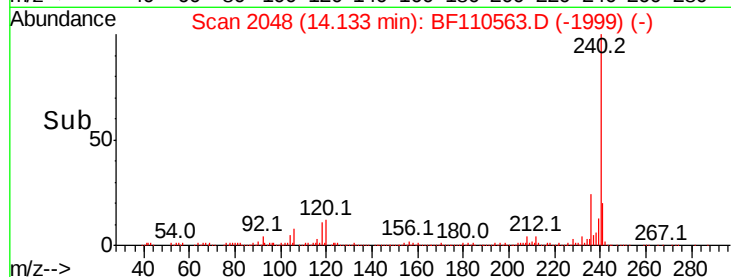
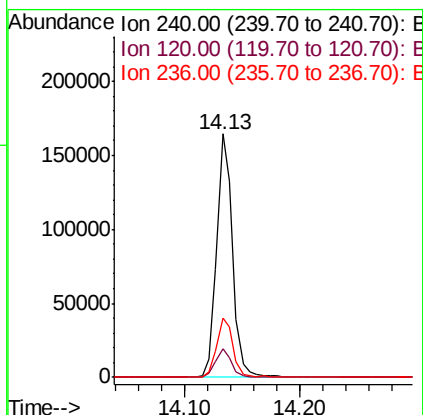
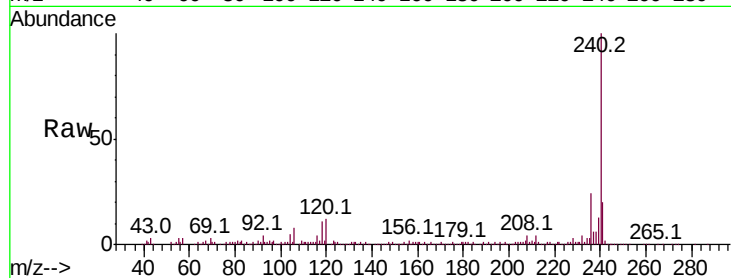




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

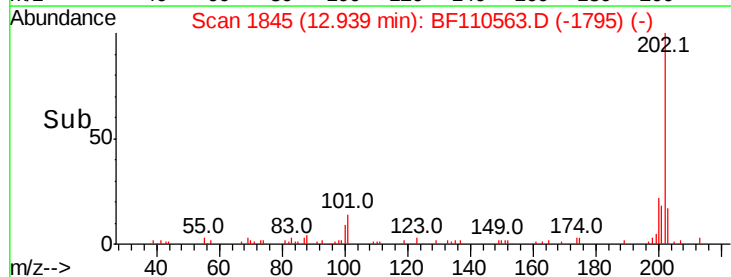
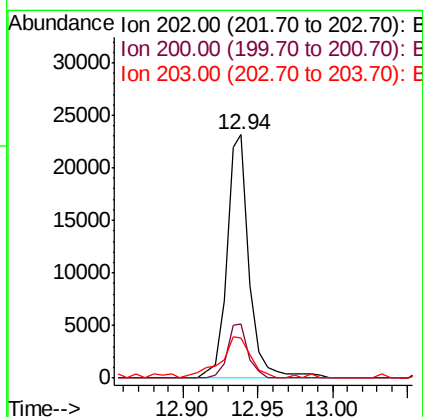
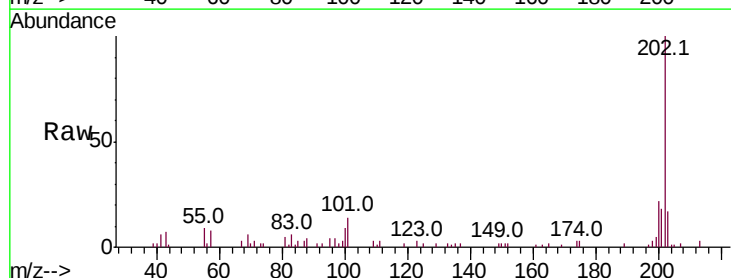
Instrument :
BNA_F
ClientSampleId :
TS-C

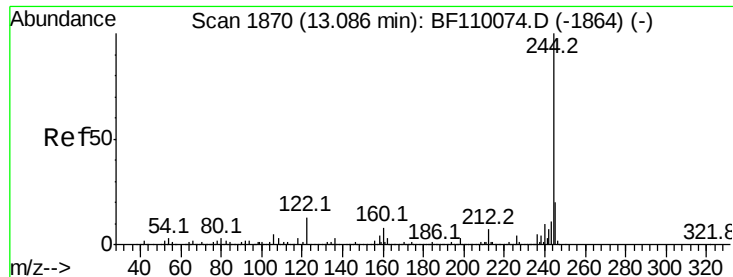
Tot Ion:240 Resp: 157281
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 24.2 21.2 31.8



#78
Pyrene
Concen: 2.166 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Tgt Ion:202 Resp: 24421
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 16.7 14.2 21.4





#79

Terphenyl-d14

Concen: 50.615 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TS-C

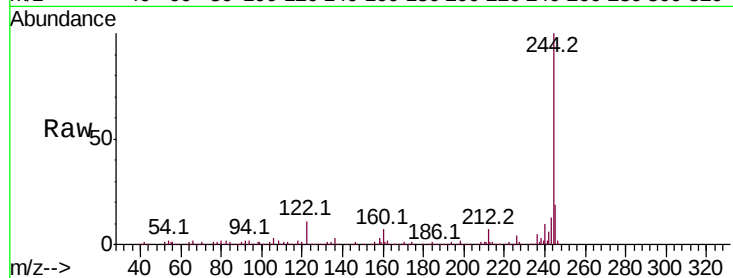
Tot Ion:244 Resp: 382784

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

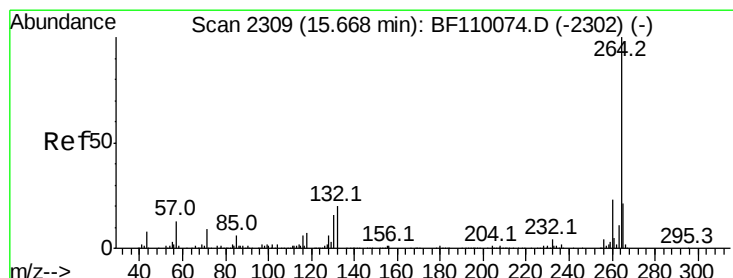
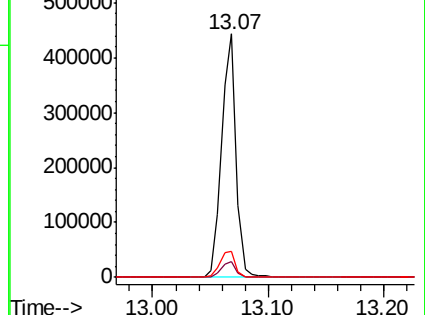
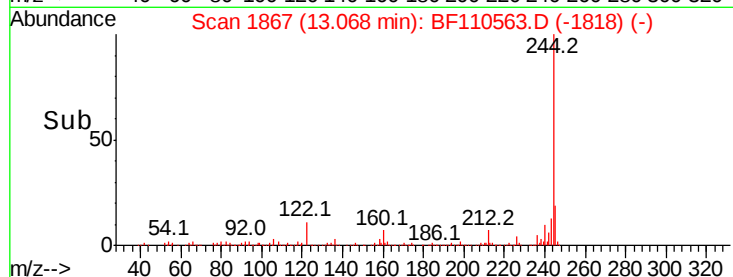
122 10.7 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

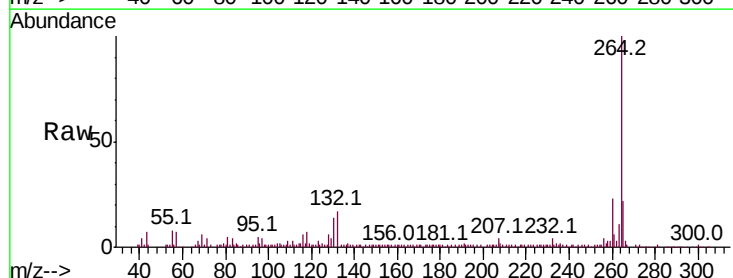
Tgt Ion:264 Resp: 121164

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

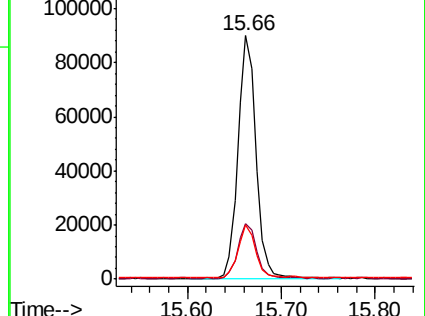
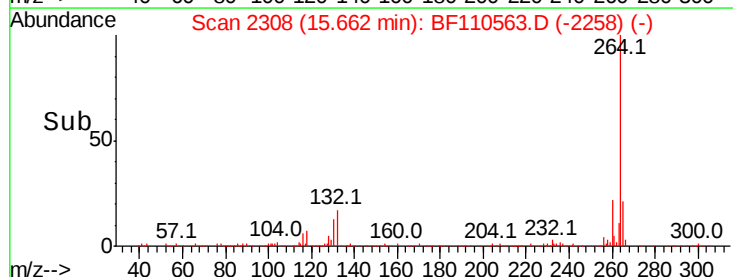
265 22.0 16.7 25.1

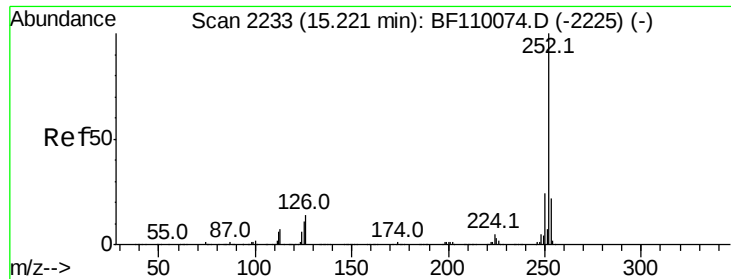


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.506 ng/mL

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TS-C

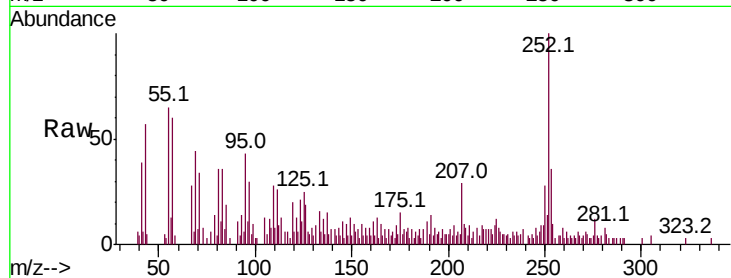
Tot Ion:252 Resp: 17536

Ion Ratio Lower Upper

252 100

253 36.3 17.2 25.8#

125 24.9 8.2 12.4#



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

