

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111256.D
 Acq On : 10 Dec 2018 21:41
 Operator : JU/SJ
 Sample : J6237-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2

Quant Time: Dec 11 04:00:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	597786	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2222901	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	846920	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1211730	20.00	ng	0.00
76) Chrysene-d12	13.96	240	634873	20.00	ng	0.00
87) Perylene-d12	15.40	264	526779	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	3516755	92.90	ng	0.02
7) Phenol-d6	6.44	99	4420952	93.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	2830522	71.42	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	509374	67.90	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3896184	77.99	ng	0.00
79) Terphenyl-d14	12.91	244	1850372	69.91	ng	0.00

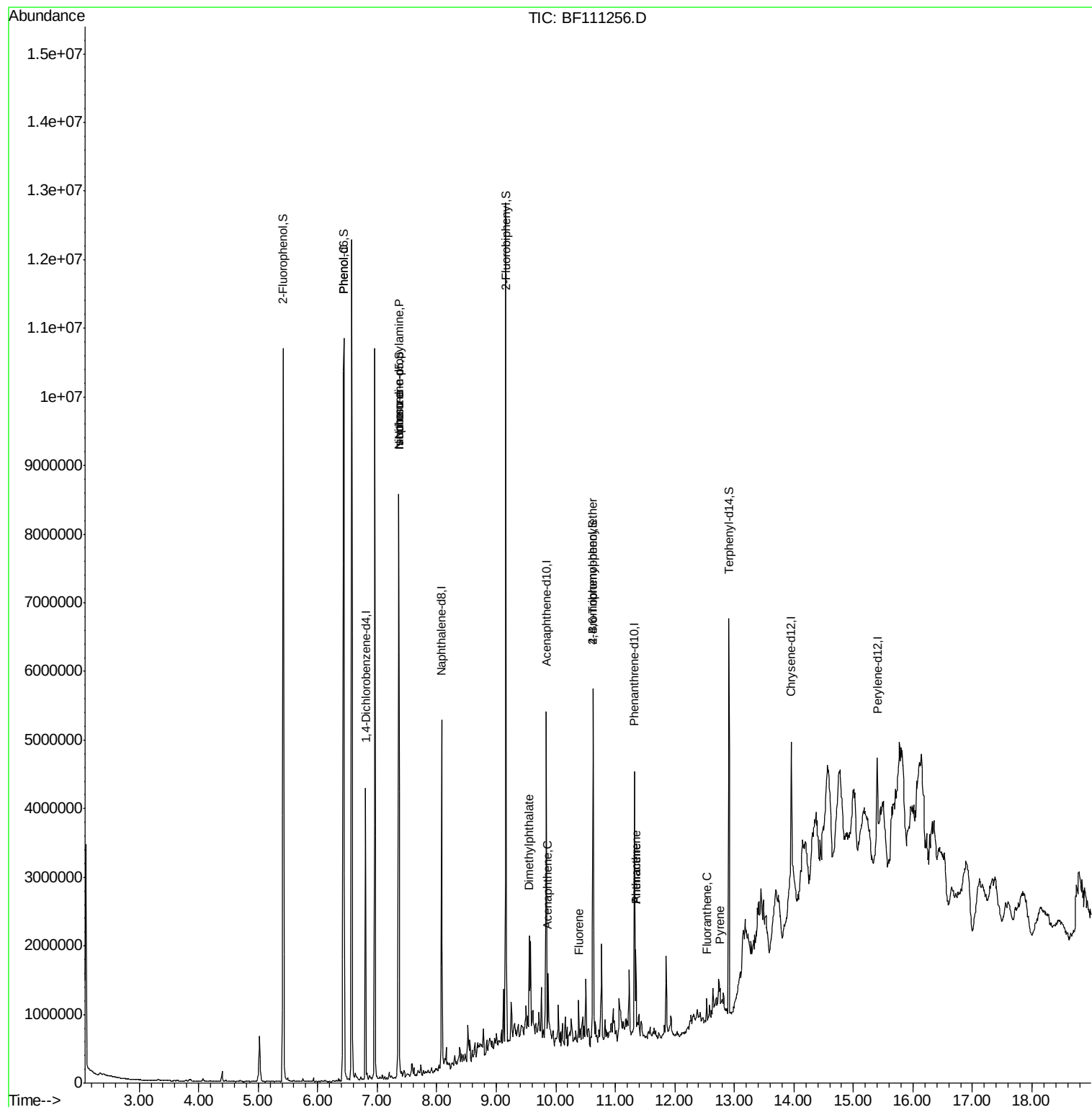
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	11733	Below Cal		# 1
10) Phenol	6.45	94	304562	5.536	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	385954	12.246	ng	# 78
25) Isophorone	7.36	82	2768424	41.013	ng	# 64
46) 1,1'-Biphenyl	9.26	154	15985	Below Cal		97
50) Dimethylphthalate	9.55	163	356659	5.707	ng	# 96
52) Acenaphthene	9.87	154	193563	3.834	ng	99
58) Fluorene	10.39	166	135343	2.546	ng	98
67) 4-Bromophenyl-phenylether	10.63	248	35012	2.638	ng	# 1
71) Phenanthrene	11.35	178	373255	6.107	ng	95
72) Anthracene	11.35	178	373255	5.837	ng	97
75) Fluoranthene	12.53	202	127482	2.283	ng	98
78) Pyrene	12.76	202	103238	2.276	ng	94

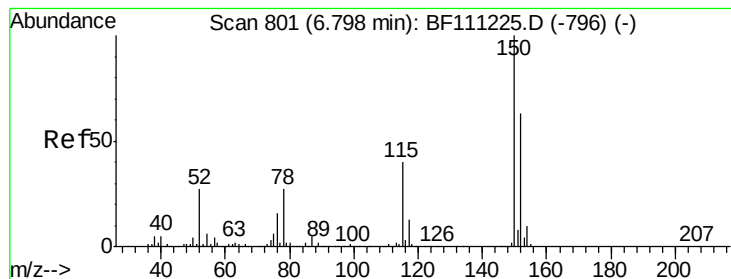
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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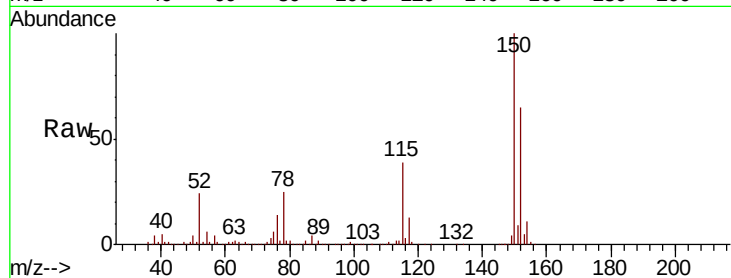


#1

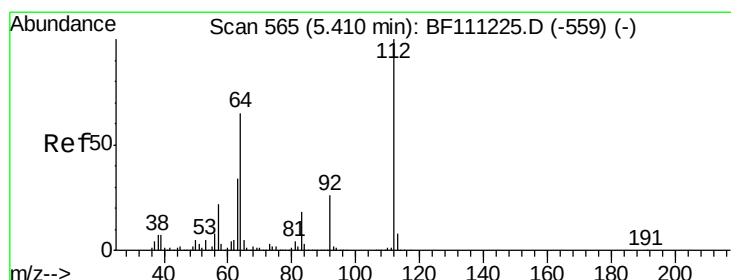
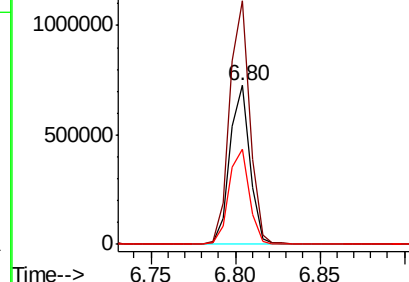
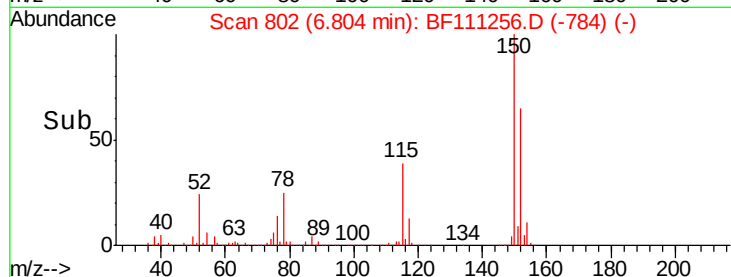
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:152 Resp: 597786
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 59.7 50.7 76.1



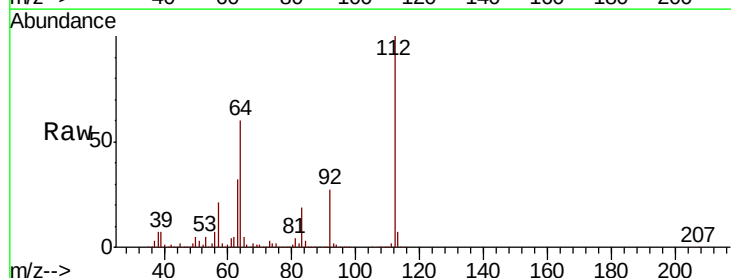
Abundance Ion 152.00 (151.70 to 152.70): E
1500000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



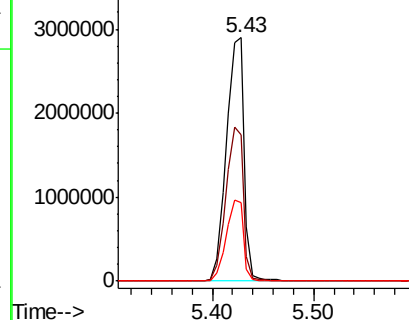
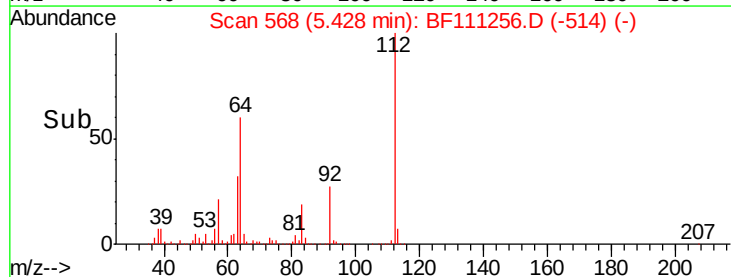
#5

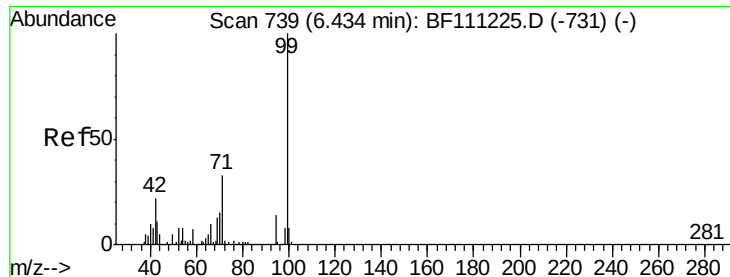
2-Fluorophenol
Concen: 92.896 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:112 Resp: 3516755
Ion Ratio Lower Upper
112 100
64 60.1 51.8 77.6
63 32.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
4000000 Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.970 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2

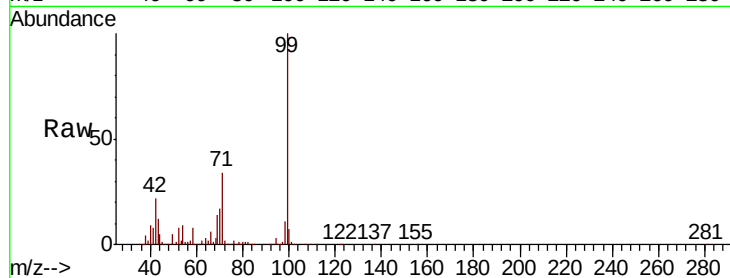
Tgt Ion: 99 Resp: 4420952

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

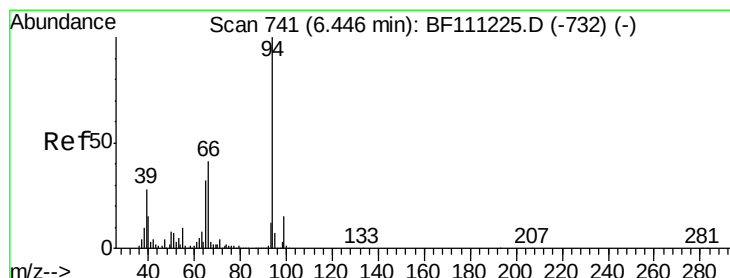
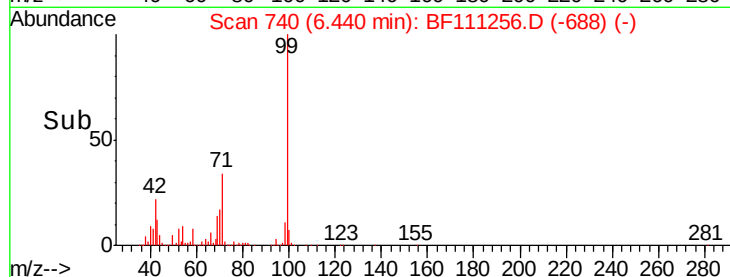
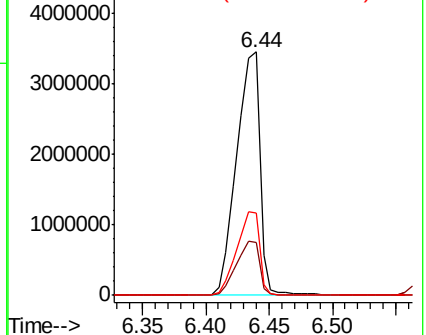
71 33.8 26.1 39.1



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: 5.536 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

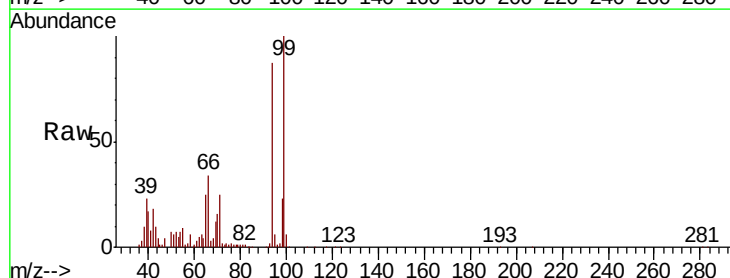
Tgt Ion: 94 Resp: 304562

Ion Ratio Lower Upper

94 100

65 29.1 11.7 51.7

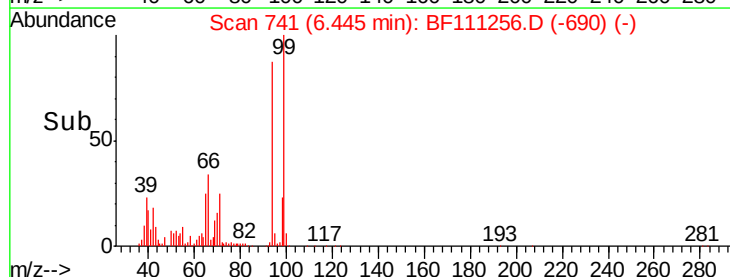
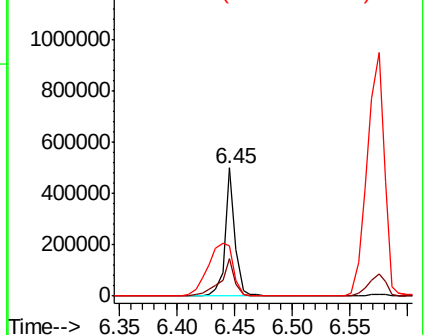
66 39.8 21.0 61.0

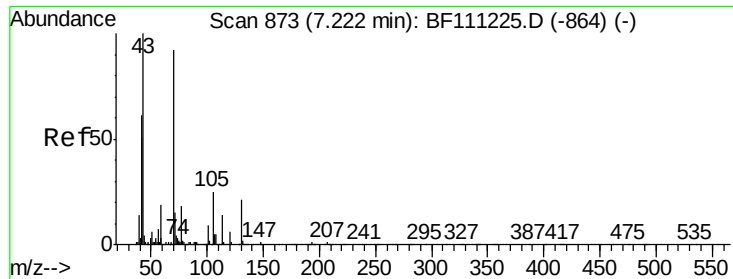


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

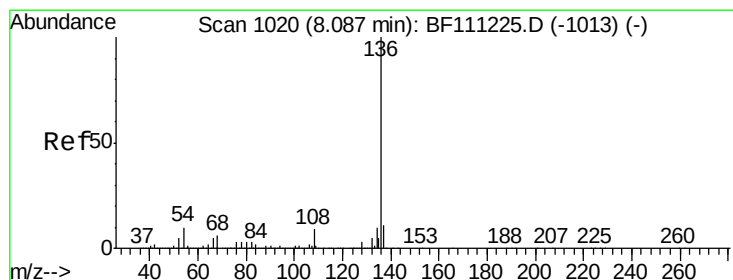
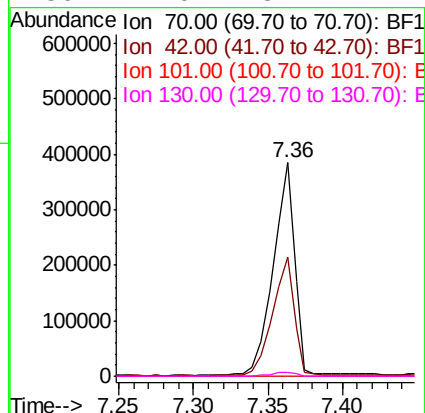
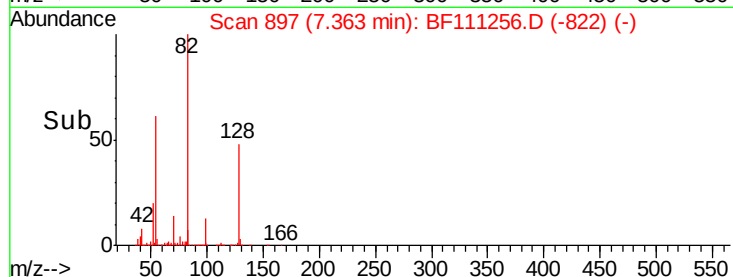
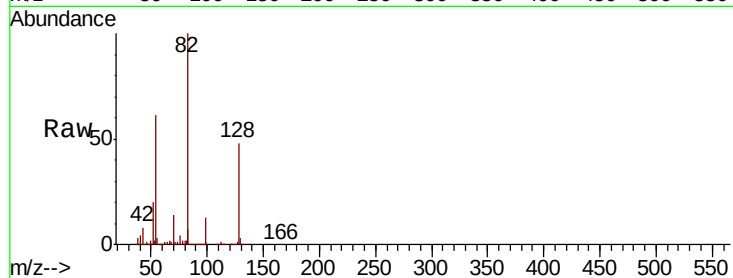




#19
n-Nitroso-di-n-propylamine
Concen: 12.246 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

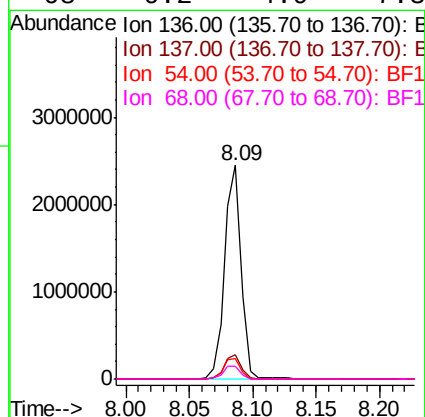
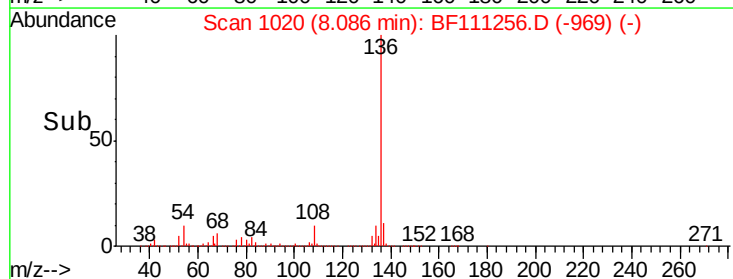
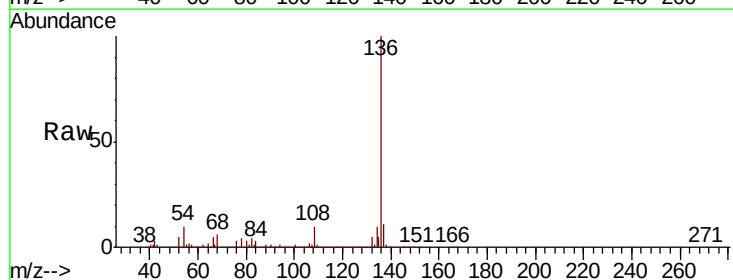
Instrument :
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SAMPLE-2

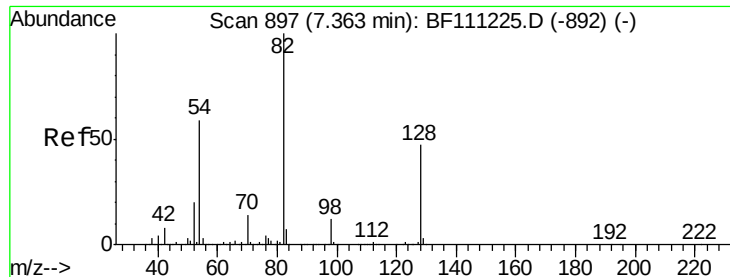
Tgt Ion: 70 Resp: 385954
Ion Ratio Lower Upper
70 100
42 55.6 53.2 79.8
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion: 136 Resp: 2222901
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.7 7.7 11.5
68 6.2 4.9 7.3

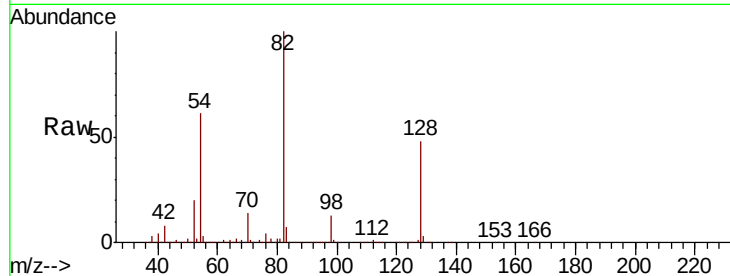




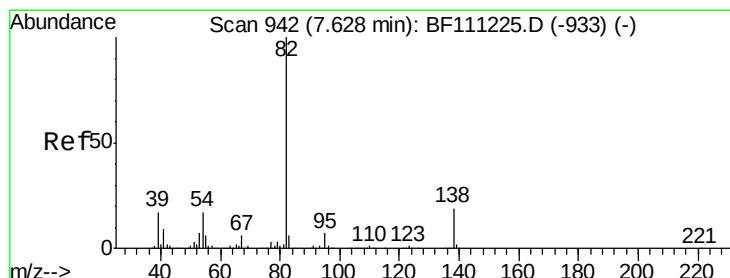
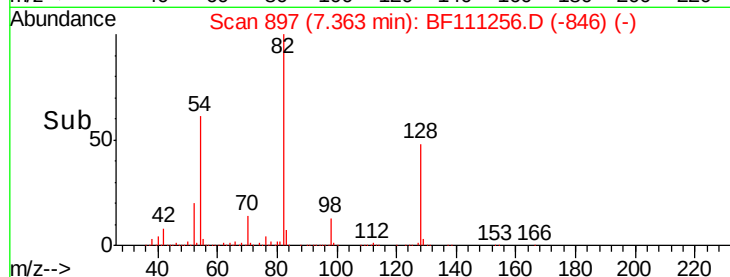
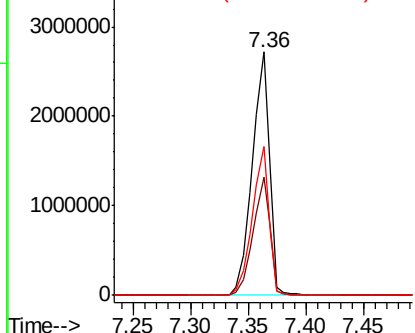
#23
Nitrobenzene-d5
Concen: 71.420 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion: 82 Resp: 2830522
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.2
54 61.0 47.6 71.4

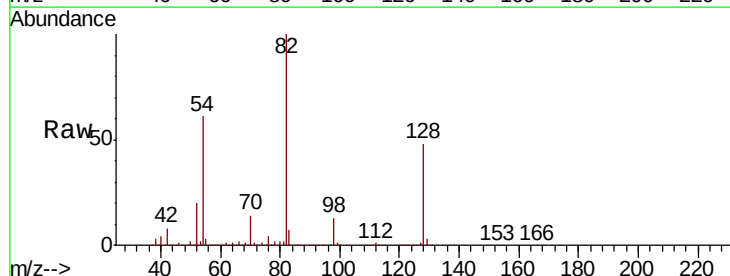


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

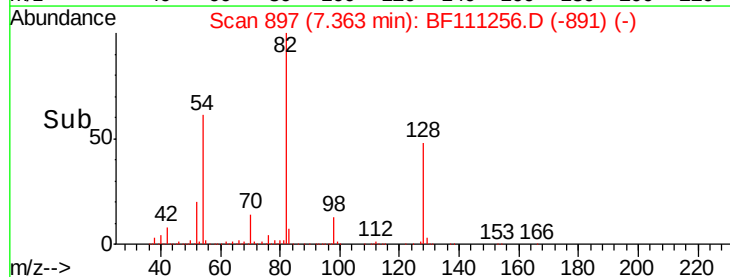
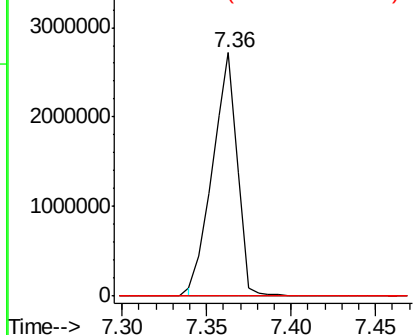


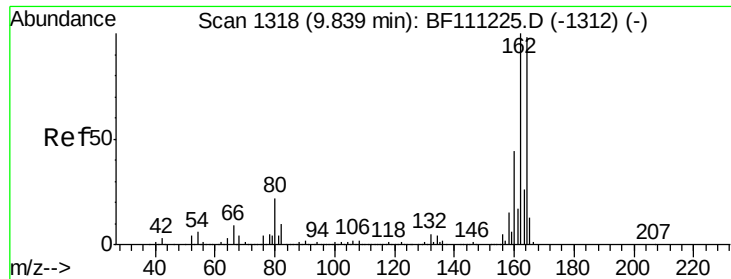
#25
Isophorone
Concen: 41.013 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion: 82 Resp: 2768424
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#



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

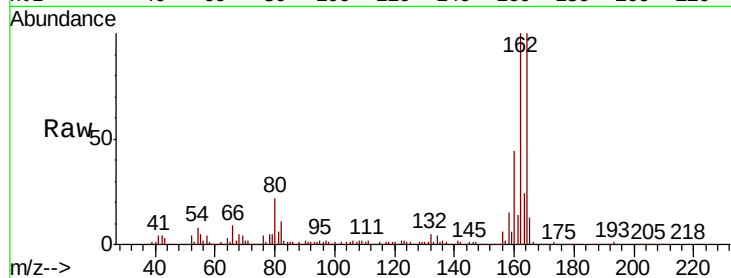




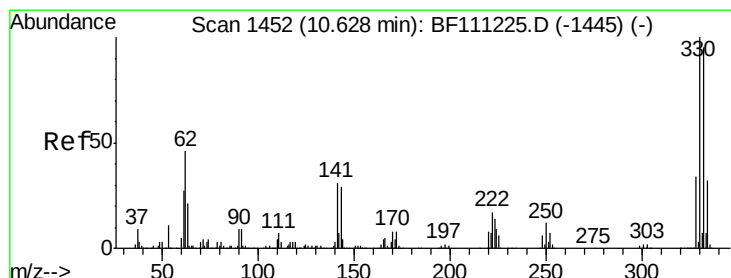
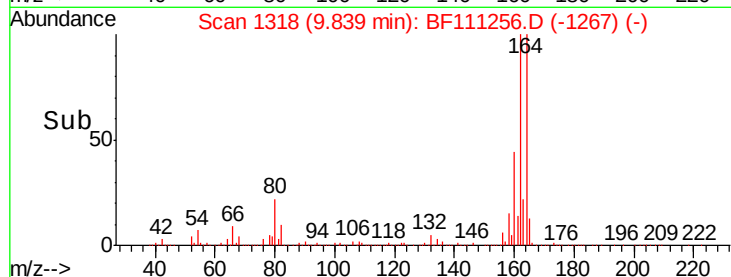
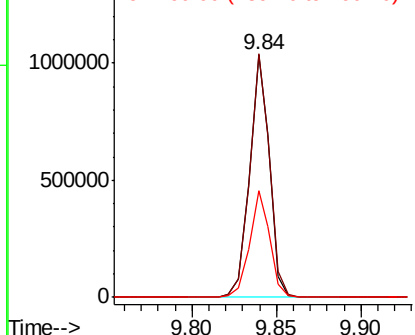
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
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ClientSampleId :
SAMPLE-2

Tgt Ion:164 Resp: 846920
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.8 35.7 53.5

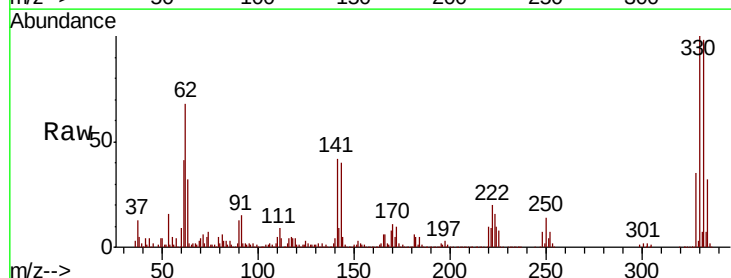


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

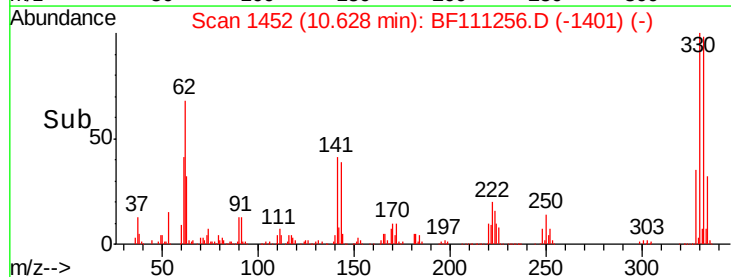
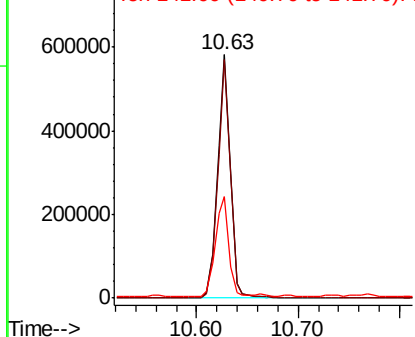


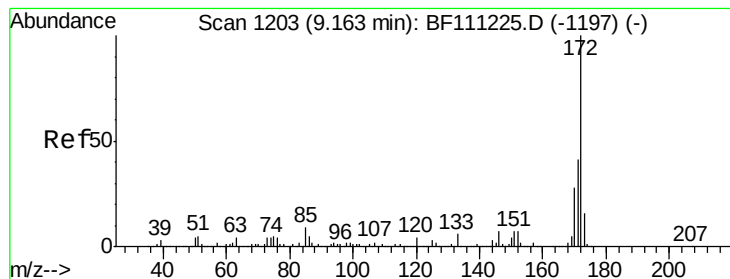
#42
2,4,6-Tribromophenol
Concen: 67.897 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:330 Resp: 509374
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 43.8 31.0 46.6



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: 77.985 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2

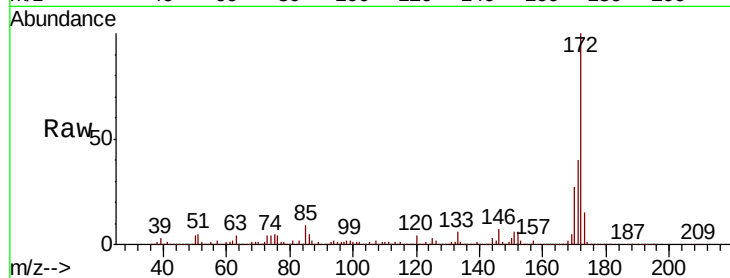
Tgt Ion:172 Resp: 3896184

Ion Ratio Lower Upper

172 100

171 39.5 33.0 49.4

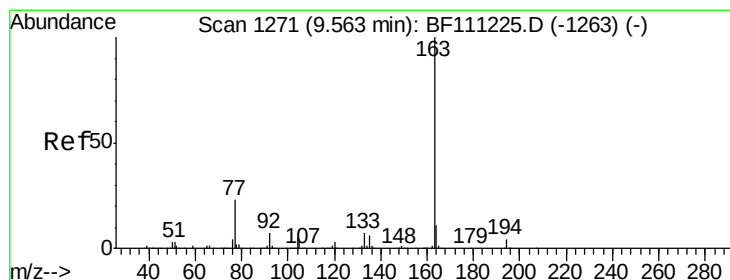
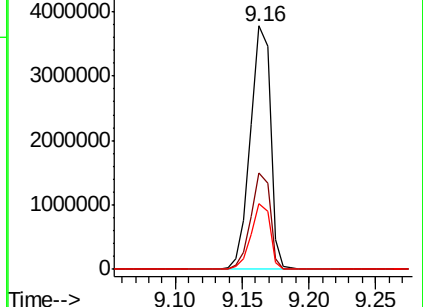
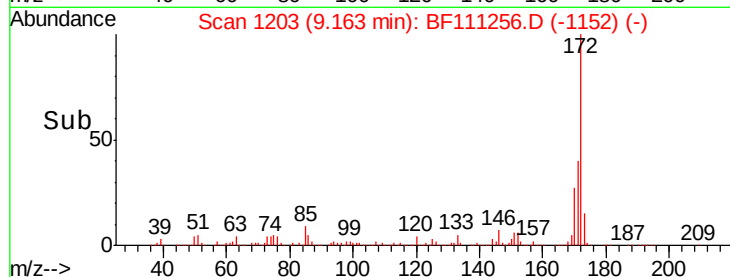
170 26.8 22.3 33.5



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: 5.707 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

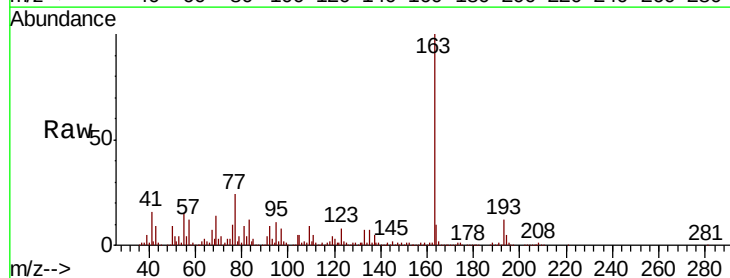
Tgt Ion:163 Resp: 356659

Ion Ratio Lower Upper

163 100

194 5.2 3.0 4.6#

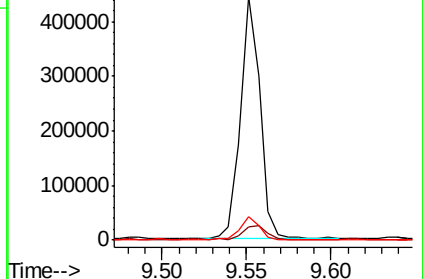
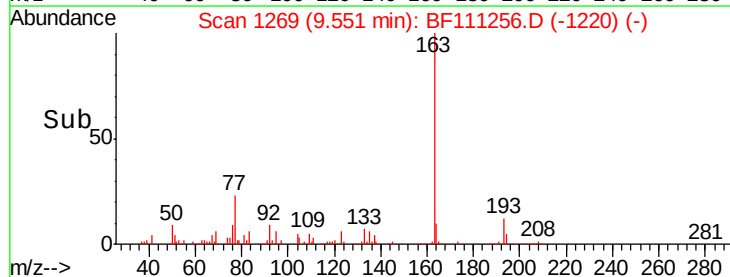
164 9.7 8.9 13.3

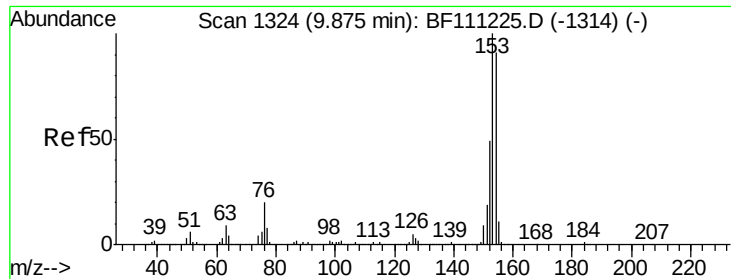


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 3.834 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2

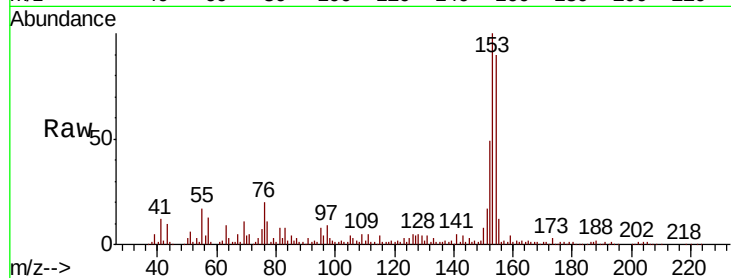
Tgt Ion:154 Resp: 193563

Ion Ratio Lower Upper

154 100

153 110.7 87.8 131.8

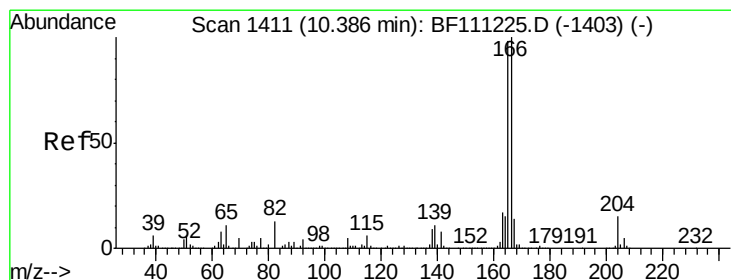
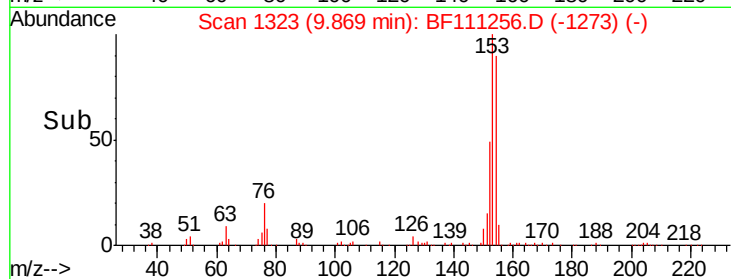
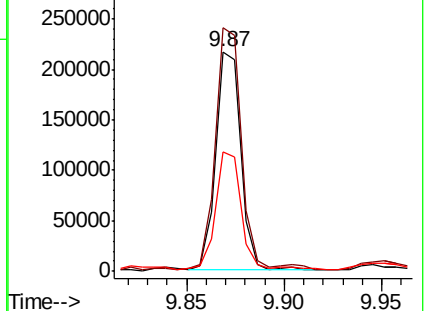
152 54.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 2.546 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

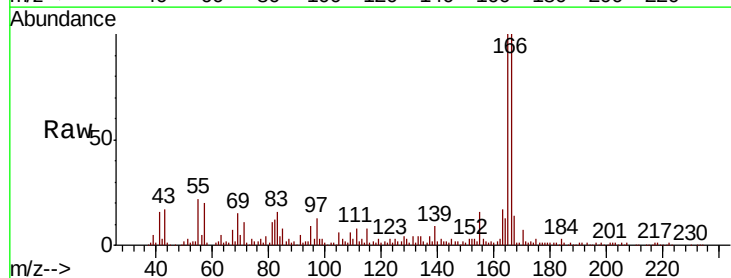
Tgt Ion:166 Resp: 135343

Ion Ratio Lower Upper

166 100

165 100.3 78.4 117.6

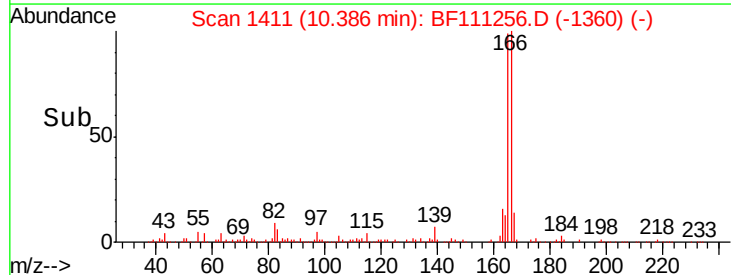
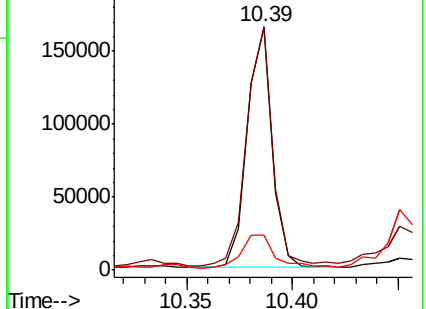
167 14.5 11.2 16.8

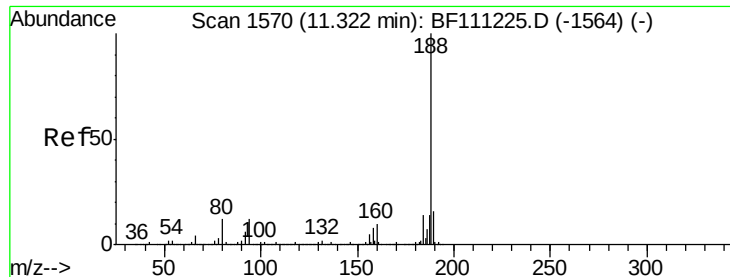


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

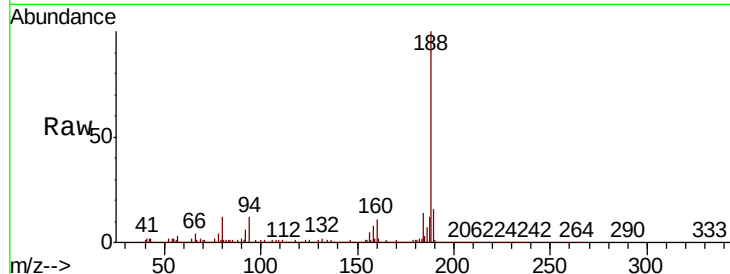




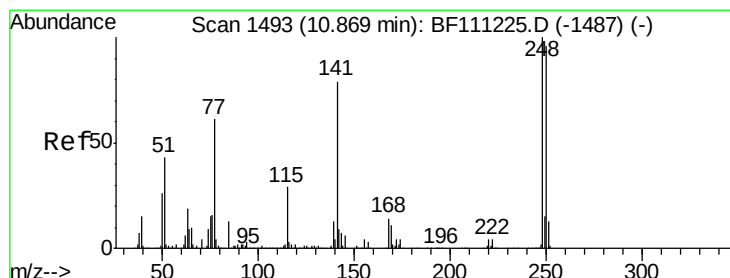
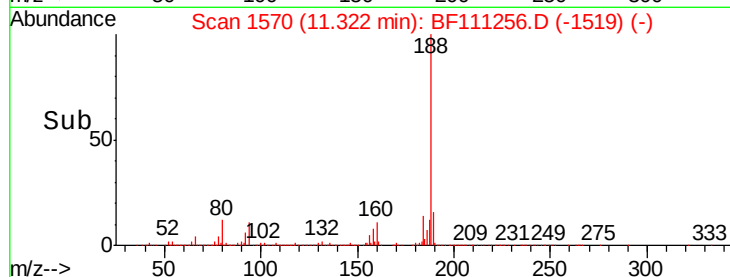
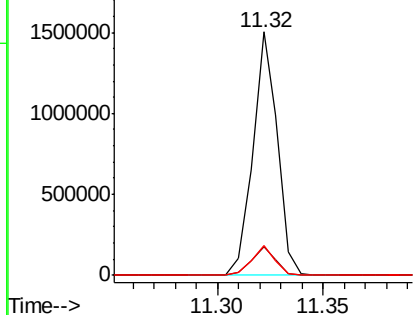
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF111256.D
 Acq: 10 Dec 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2

Tgt Ion:188 Resp: 1211730
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.6 14.4
 80 12.0 9.8 14.6

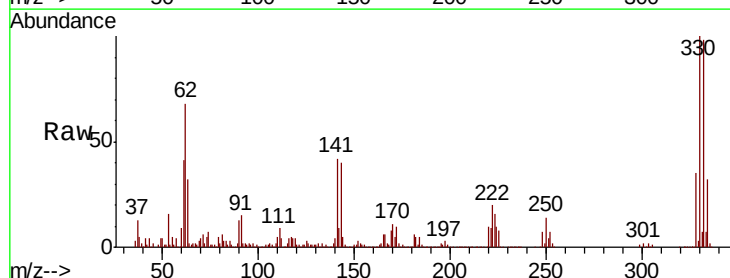


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

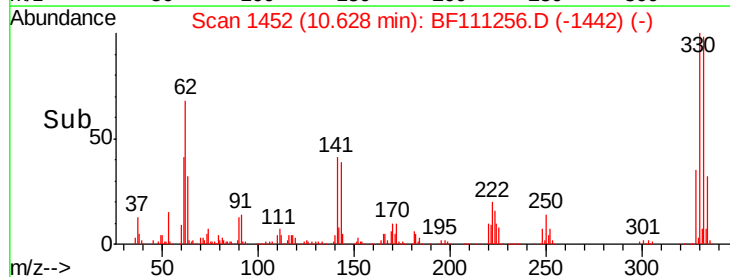
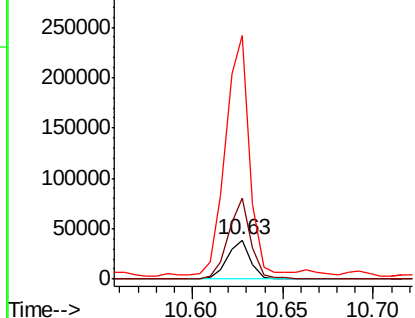


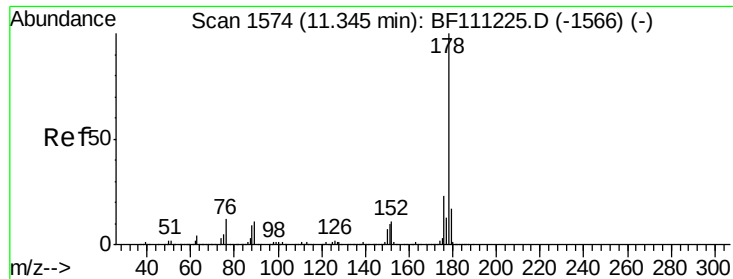
#67
 4-Bromophenyl-phenylether
 Concen: 2.638 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111256.D
 Acq: 10 Dec 2018 21:41

Tgt Ion:248 Resp: 35012
 Ion Ratio Lower Upper
 248 100
 250 208.6 77.0 115.4#
 141 623.0 63.0 94.6#



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

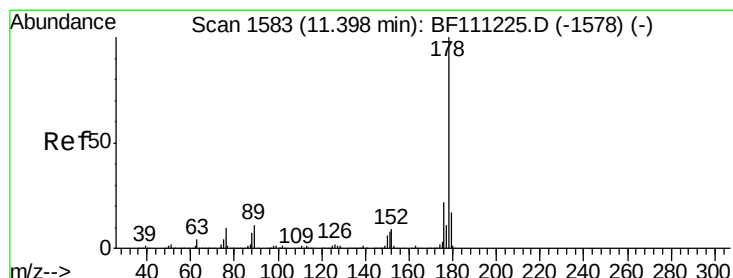
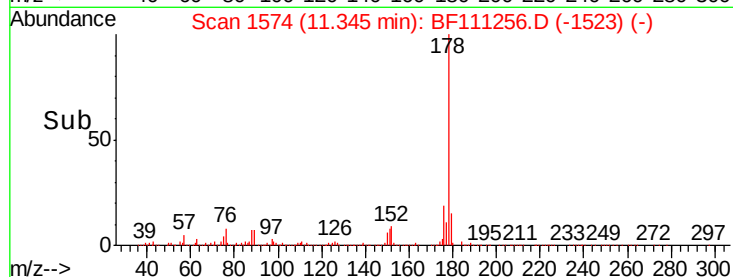
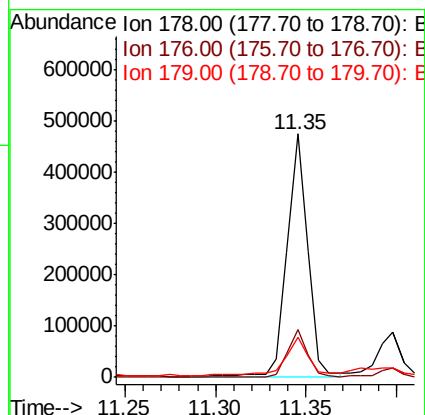
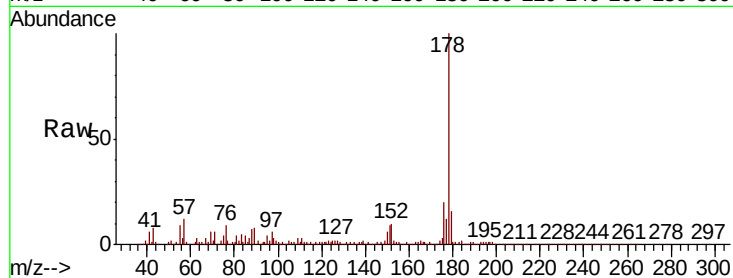




#71
Phenanthrene
Concen: 6.107 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

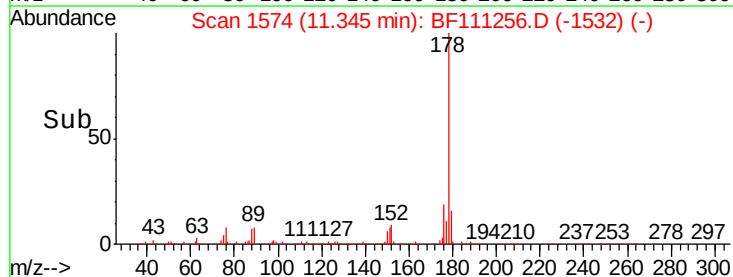
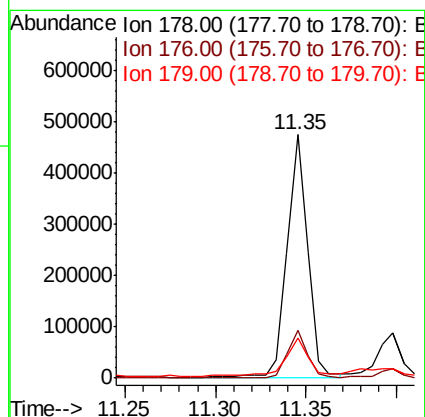
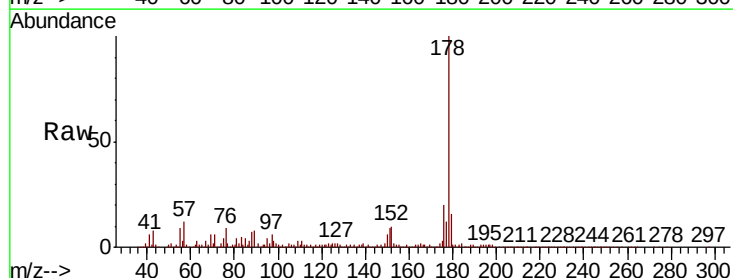
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

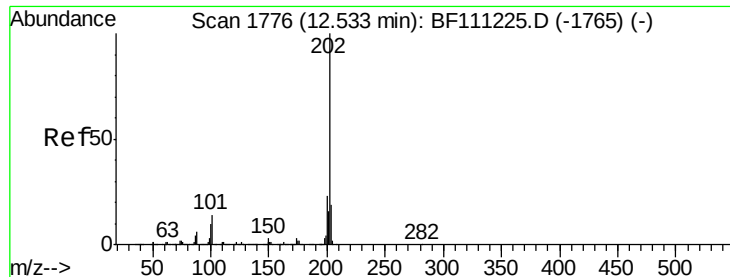
Tgt Ion:178 Resp: 373255
Ion Ratio Lower Upper
178 100
176 19.6 18.1 27.1
179 16.5 14.0 21.0



#72
Anthracene
Concen: 5.837 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.05 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:178 Resp: 373255
Ion Ratio Lower Upper
178 100
176 19.6 17.2 25.8
179 16.5 13.8 20.8





#75

Fluoranthene

Concen: 2.283 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2

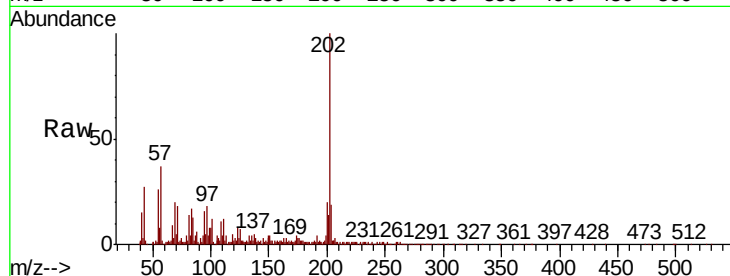
Tgt Ion:202 Resp: 127482

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.8

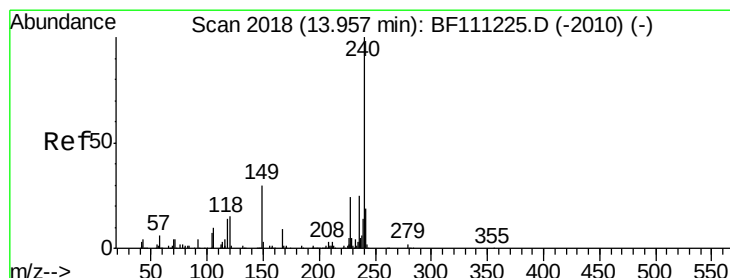
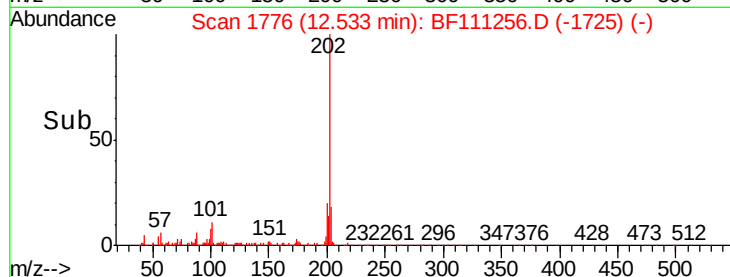
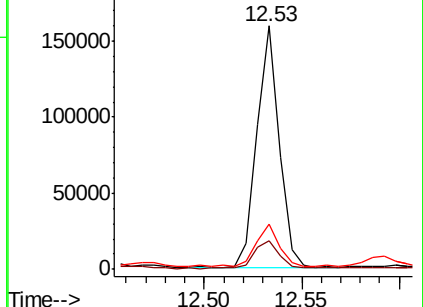
203 18.6 0.0 38.6



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: 13.96 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

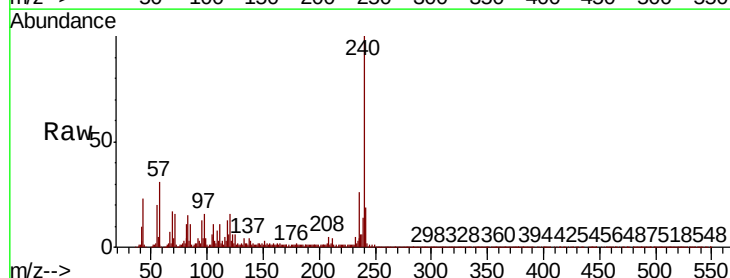
Tgt Ion:240 Resp: 634873

Ion Ratio Lower Upper

240 100

120 16.1 12.2 18.2

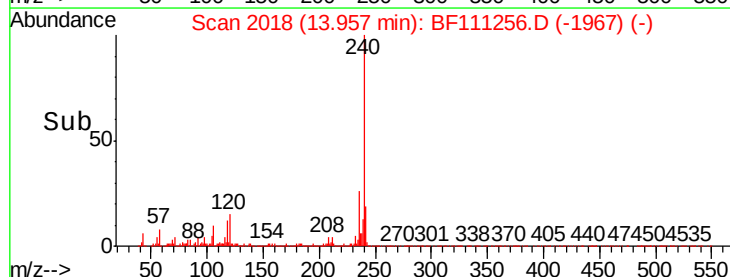
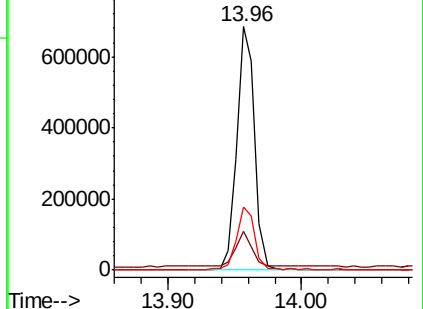
236 25.9 20.2 30.2

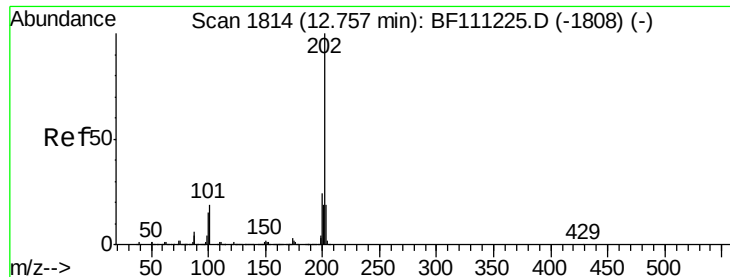


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 2.276 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2

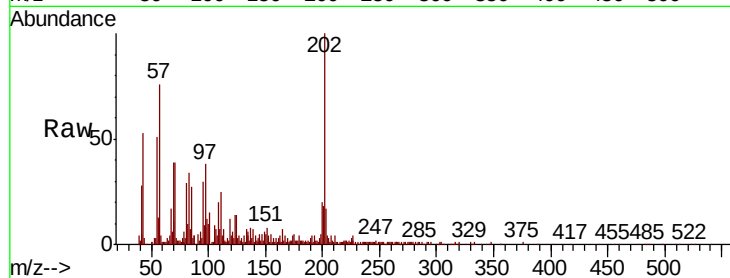
Tgt Ion: 202 Resp: 103238

Ion Ratio Lower Upper

202 100

200 20.4 19.0 28.4

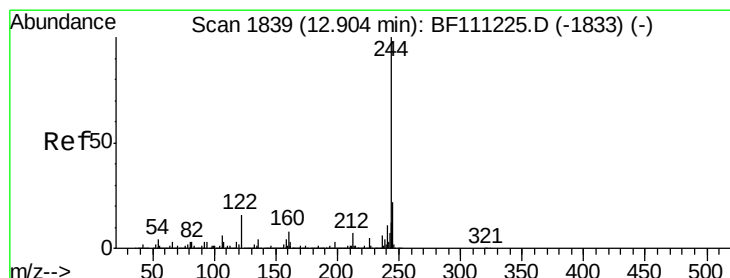
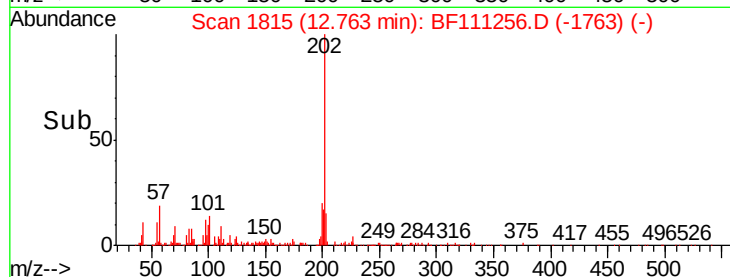
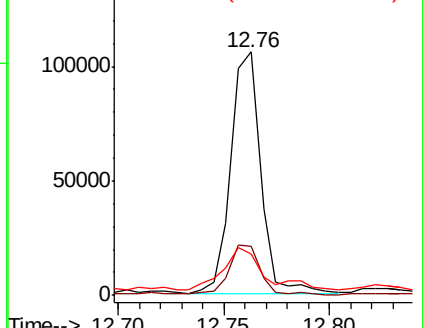
203 16.8 15.2 22.8



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



#79

Terphenyl-d14

Concen: 69.910 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111256.D

Acq: 10 Dec 2018 21:41

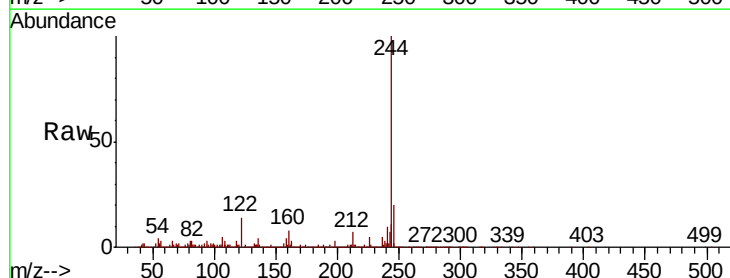
Tgt Ion: 244 Resp: 1850372

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

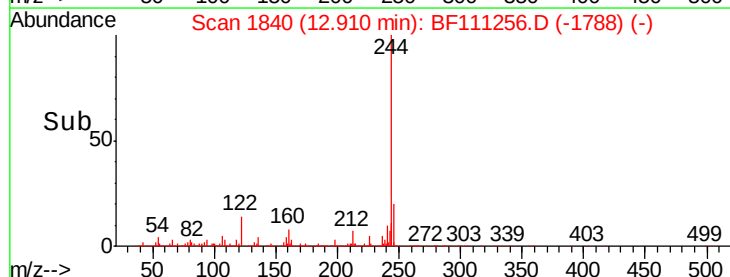
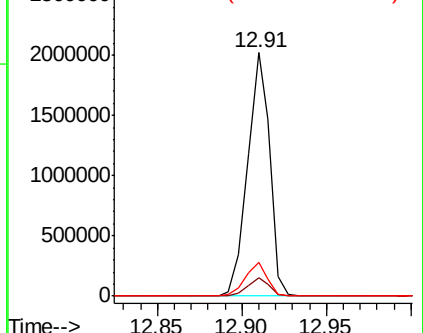
122 13.9 13.1 19.7

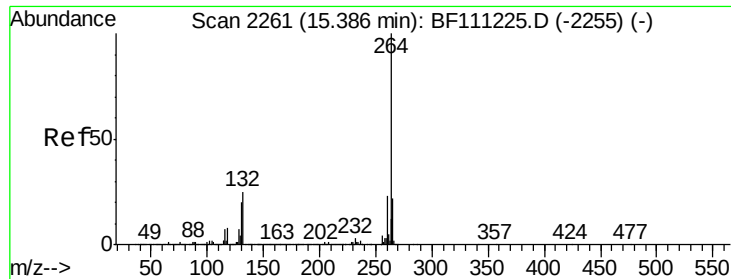


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



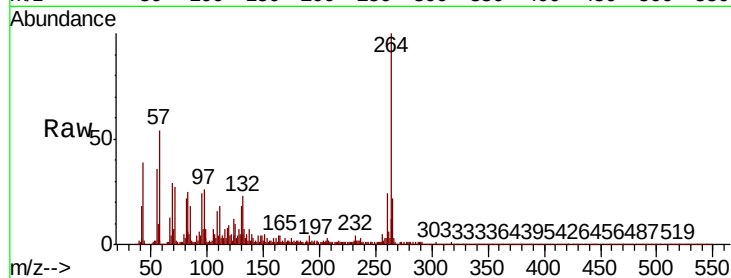


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion: 264 Resp: 526779

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.9	17.7	26.5



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

