

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103273.D
 Acq On : 27 Feb 2018 19:48
 Operator : SJ/JU
 Sample : J1672-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11977-72-11982

Quant Time: Feb 28 00:44:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

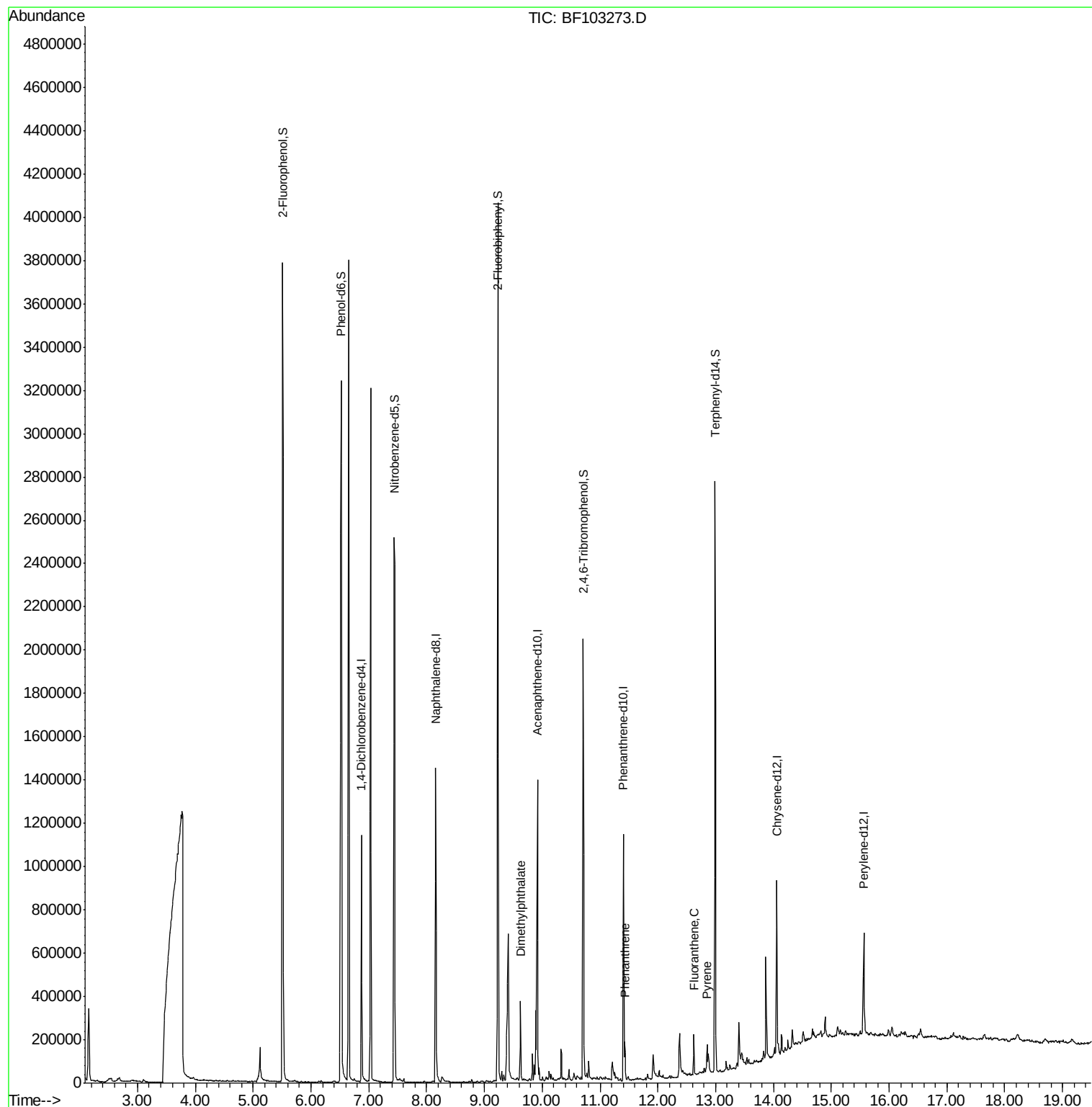
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	152739	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	632196	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	264504	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	401068	20.00	ng	0.00
75) Chrysene-d12	14.06	240	262018	20.00	ng	0.00
86) Perylene-d12	15.56	264	230447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1212630	120.08	ng	0.02
7) Phenol-d6	6.52	99	1466869	118.70	ng	0.01
23) Nitrobenzene-d5	7.44	82	915833	82.73	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	235397	105.14	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1309747	85.38	ng	0.00
78) Terphenyl-d14	12.99	244	946612	86.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	129699	6.112	ng	99
70) Phenanthrene	11.43	178	55874	2.531	ng	98
74) Fluoranthene	12.62	202	68820	3.103	ng	96
77) Pyrene	12.85	202	48487	2.373	ng	98

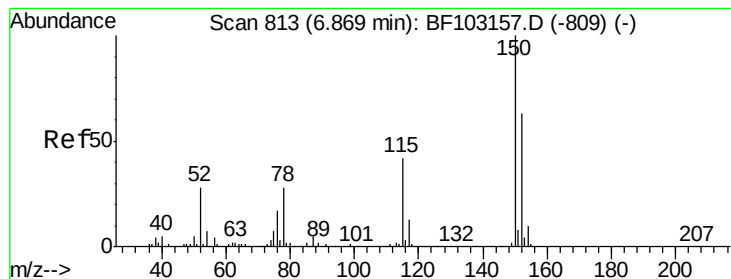
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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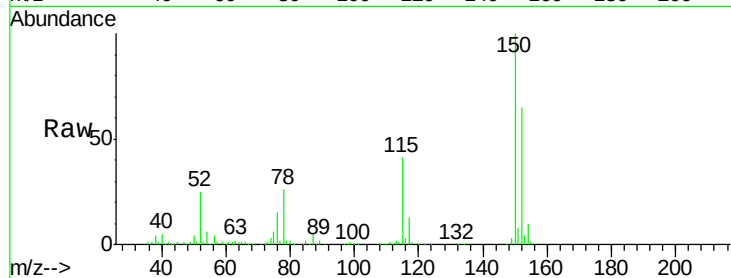


#1

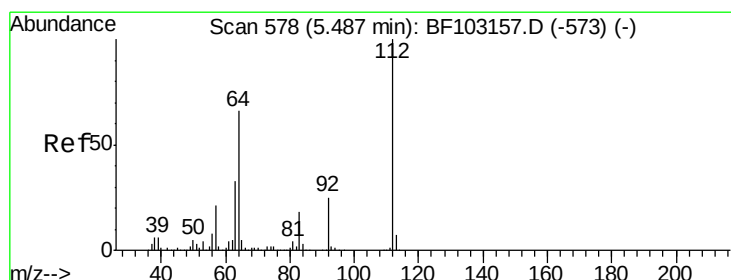
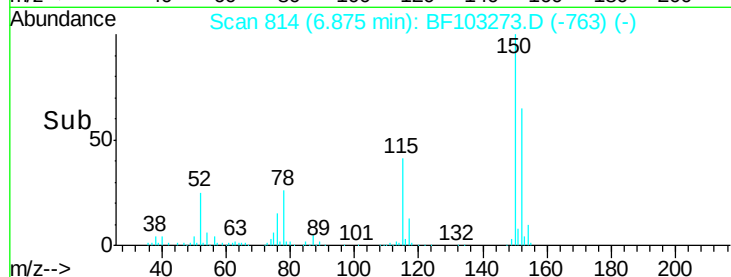
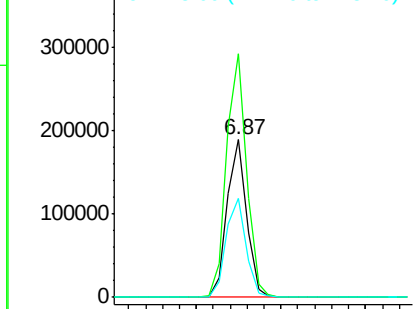
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103273.D
Acq: 27 Feb 2018 19:48

Instrument :
BNA_F
ClientSampleId :
72-11977-72-11982

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	63.2	50.1	75.1



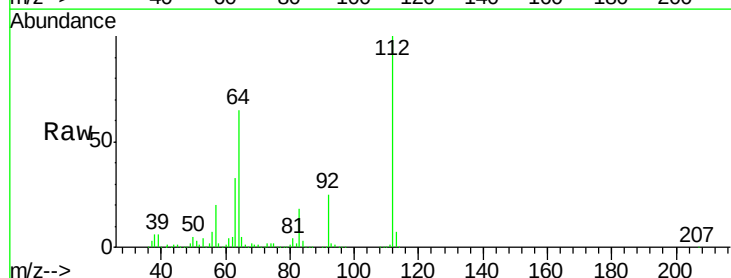
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



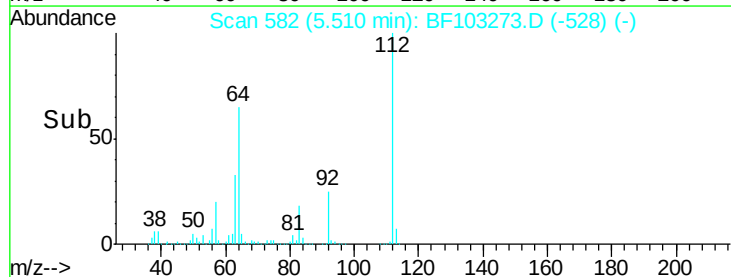
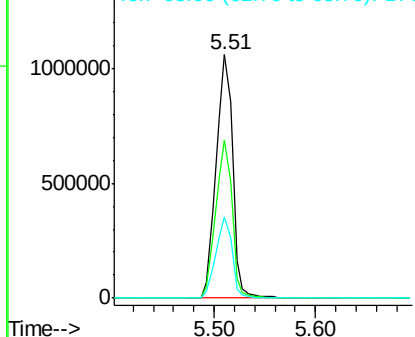
#5

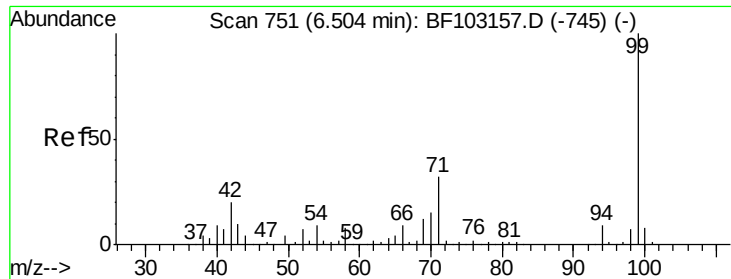
2-Fluorophenol
Concen: 120.075 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103273.D
Acq: 27 Feb 2018 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	33.0	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: 118.702 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103273.D

Acq: 27 Feb 2018 19:48

Instrument :

BNA_F

ClientSampleId :

72-11977-72-11982

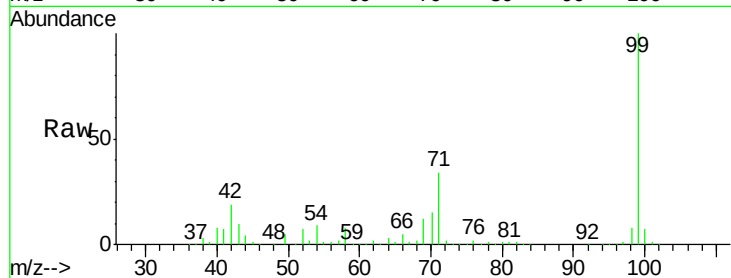
Tot Ion: 99 Resp: 1466869

Ion Ratio Lower Upper

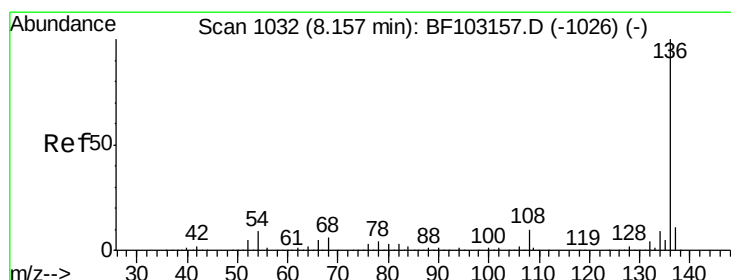
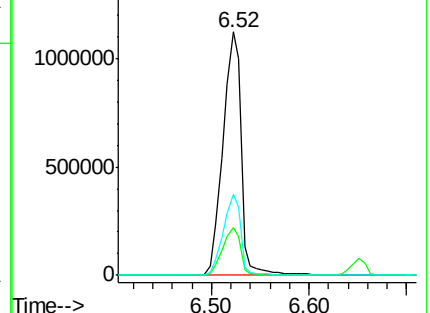
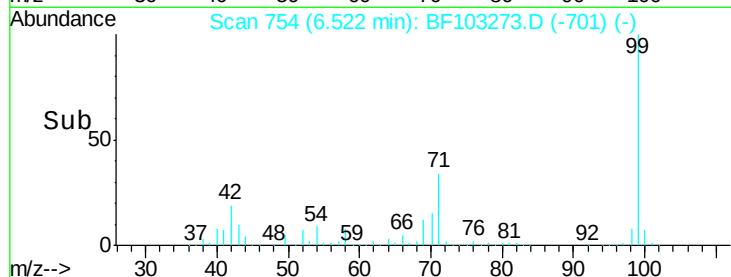
99 100

42 19.4 14.5 21.7

71 33.5 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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103273.D

Acq: 27 Feb 2018 19:48

Tgt Ion: 136 Resp: 632196

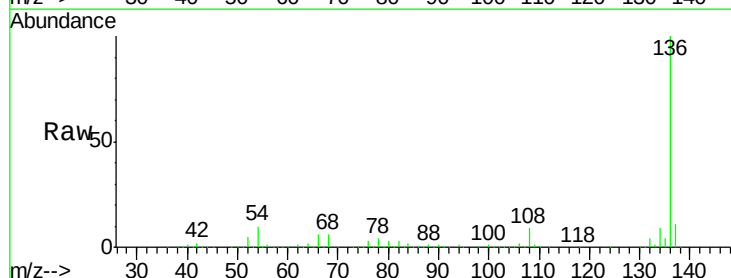
Ion Ratio Lower Upper

136 100

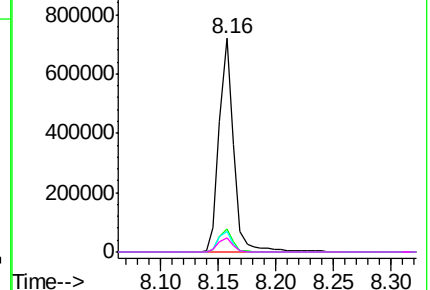
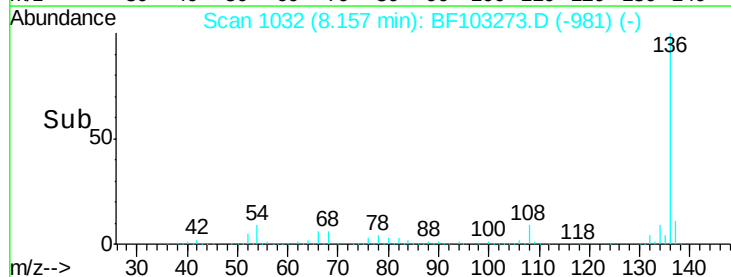
137 11.1 8.9 13.3

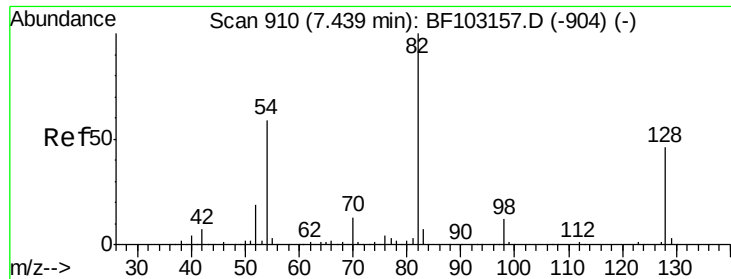
54 9.5 6.6 9.8

68 6.4 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

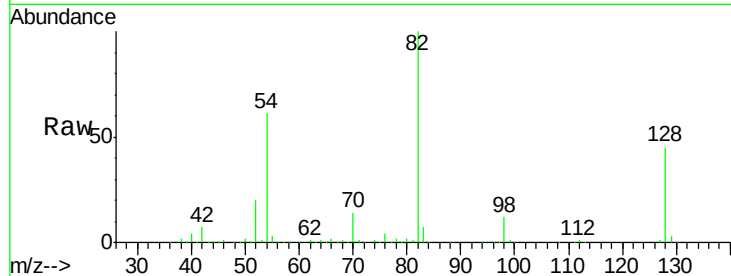




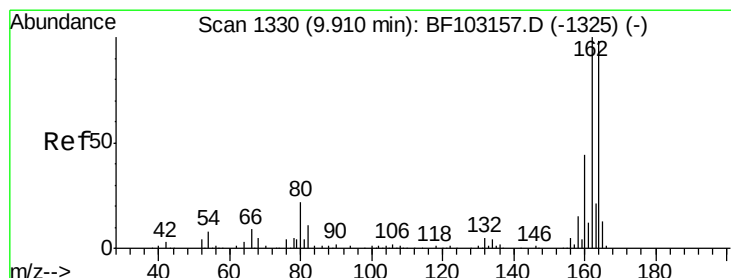
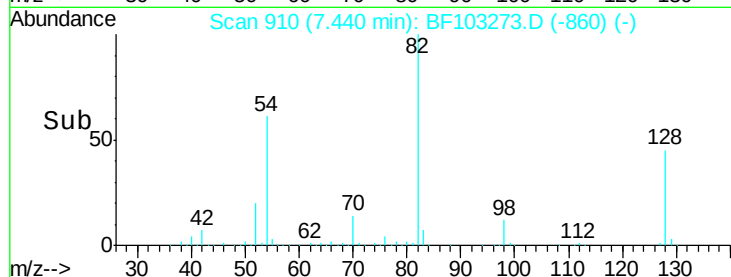
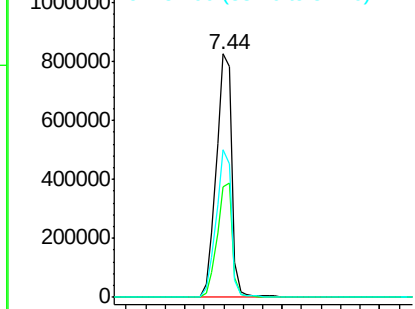
#23
 Nitrobenzene-d5
 Concen: 82.730 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103273.D
 Acq: 27 Feb 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 72-11977-72-11982

Tot Ion: 82 Resp: 915833
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 60.6 41.4 62.2

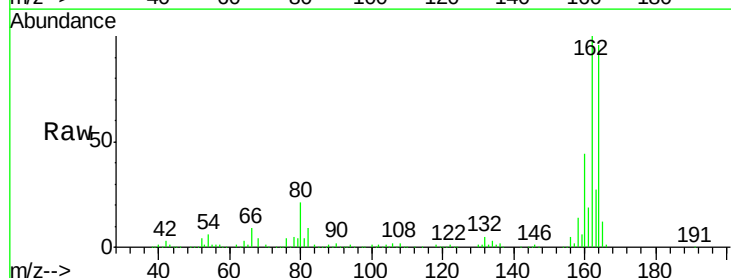


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

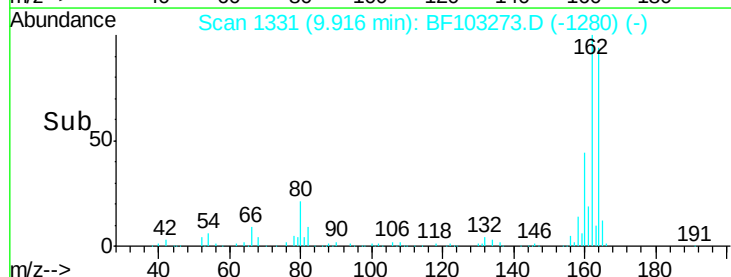
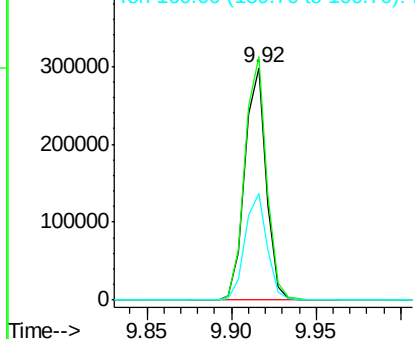


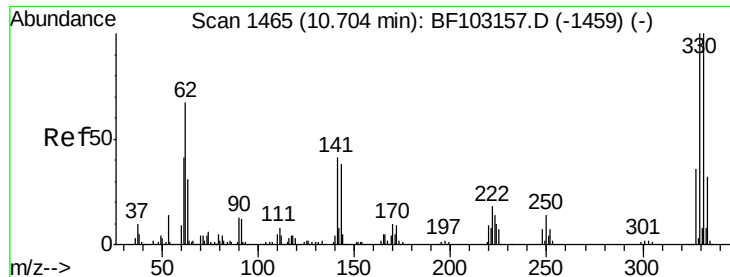
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103273.D
 Acq: 27 Feb 2018 19:48

Tgt Ion:164 Resp: 264504
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 46.1 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: 105.140 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF103273.D

Acq: 27 Feb 2018 19:48

Instrument :

BNA_F

ClientSampleId :

72-11977-72-11982

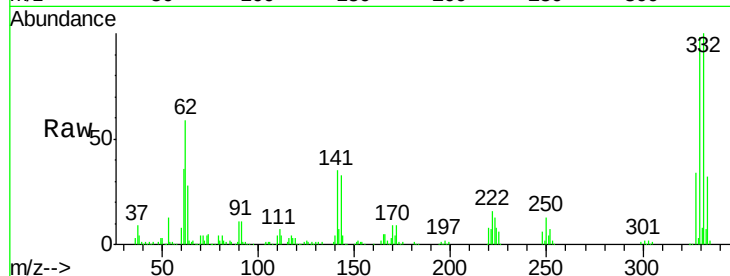
Tot Ion:330 Resp: 235397

Ion Ratio Lower Upper

330 100

332 101.8 77.0 115.6

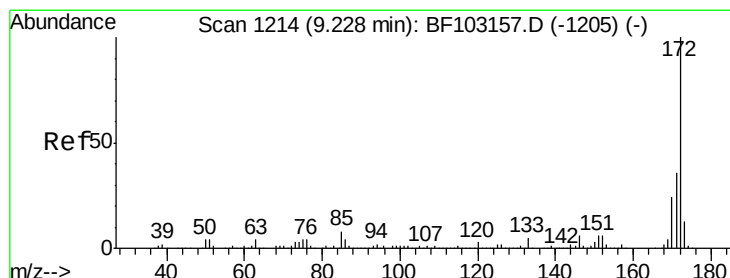
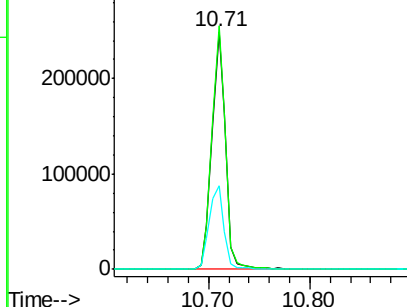
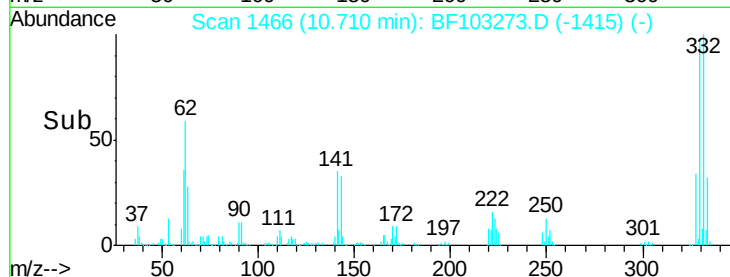
141 38.1 29.9 44.9



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: 85.377 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF103273.D

Acq: 27 Feb 2018 19:48

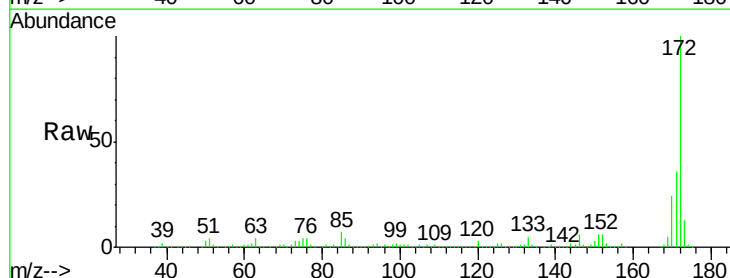
Tgt Ion:172 Resp: 1309747

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

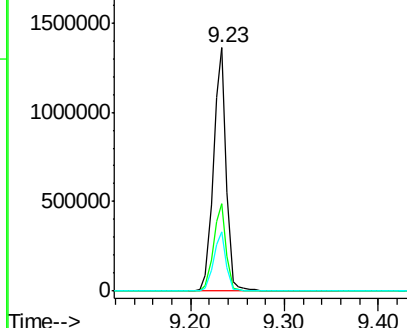
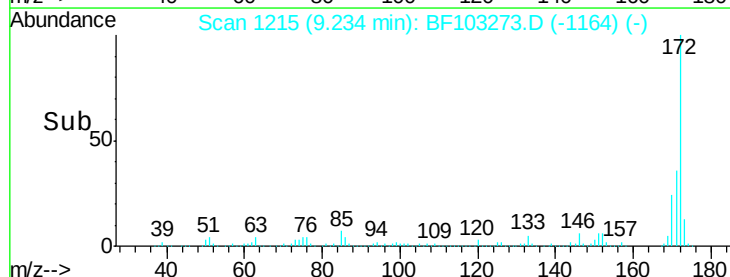
170 24.4 19.6 29.4

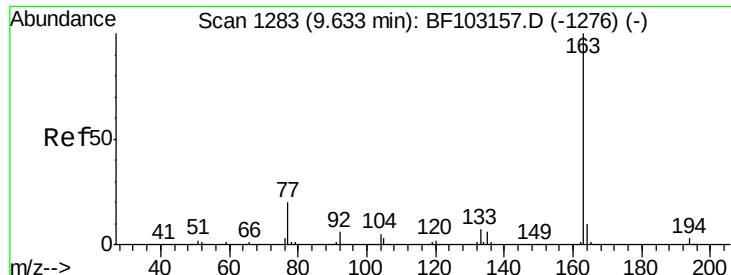


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

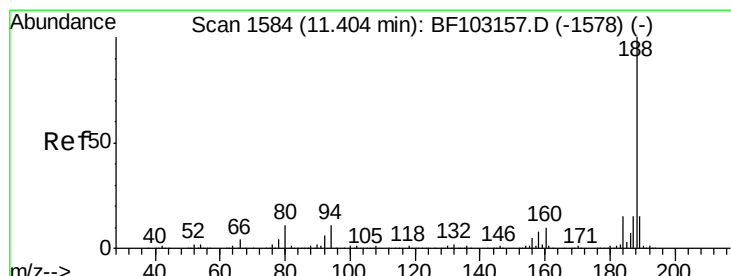
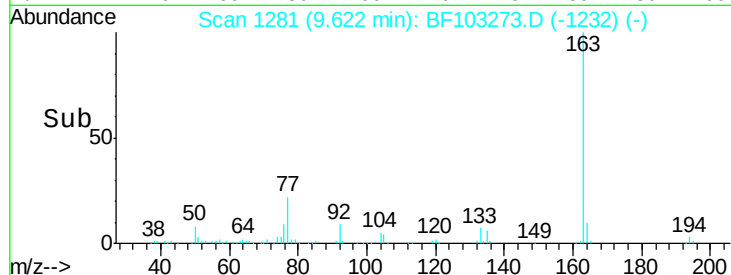
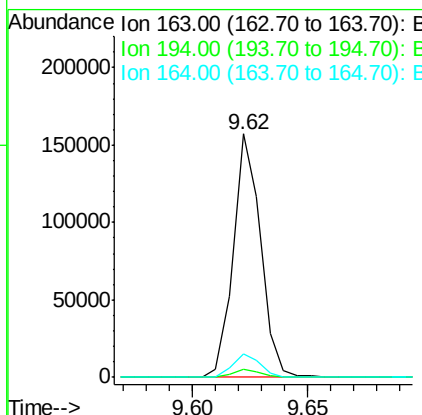
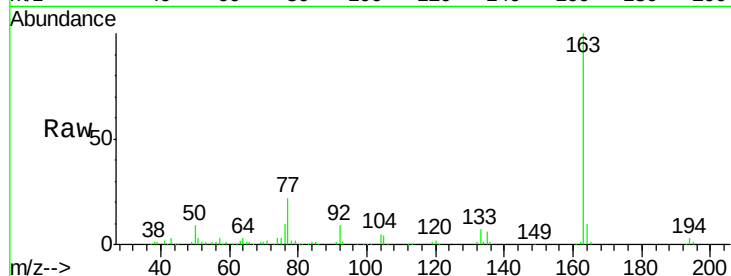




#49
Dimethylphthalate
Concen: 6.112 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103273.D
Acq: 27 Feb 2018 19:48

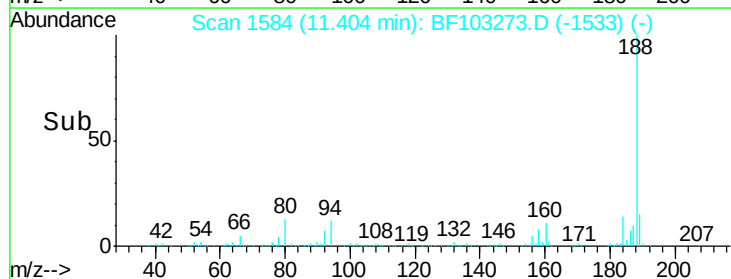
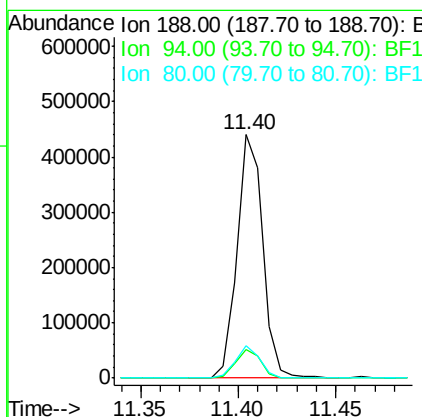
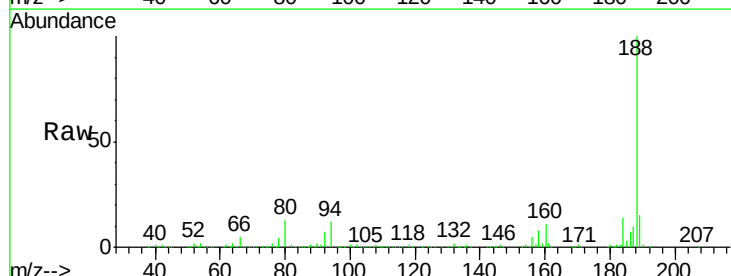
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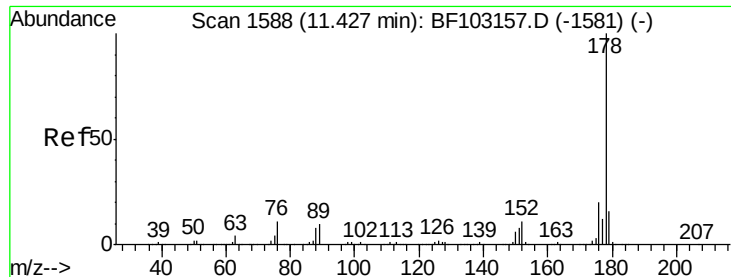
Tot Ion:163 Resp: 129699
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.7 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103273.D
Acq: 27 Feb 2018 19:48

Tgt Ion:188 Resp: 401068
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 13.5 9.2 13.8

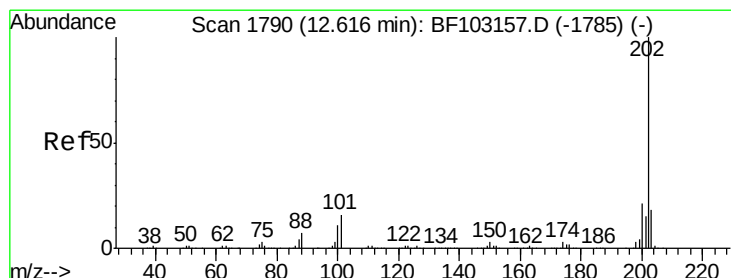
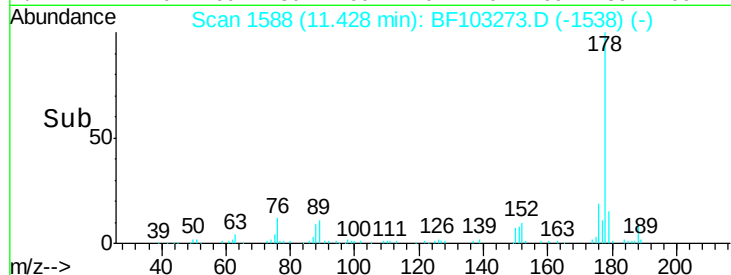
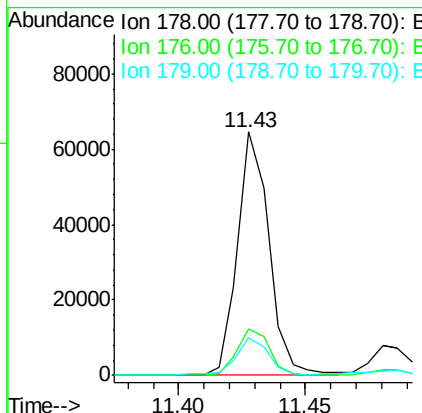
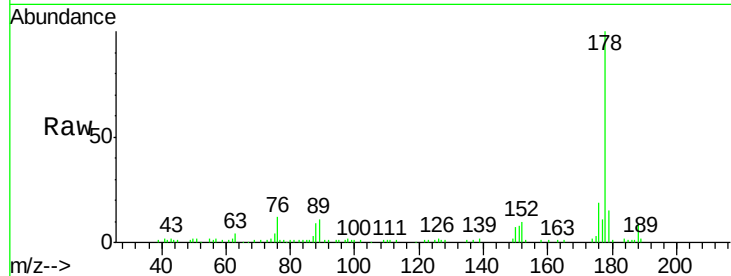




#70
Phenanthrene
Concen: 2.531 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103273.D
Acq: 27 Feb 2018 19:48

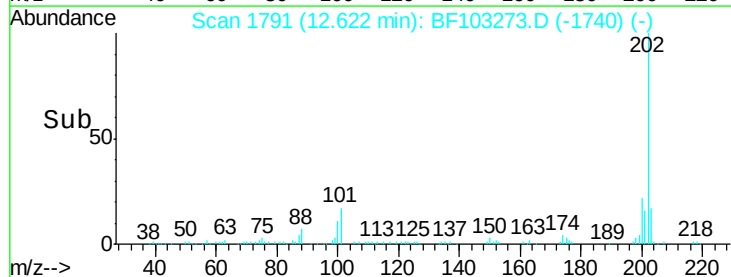
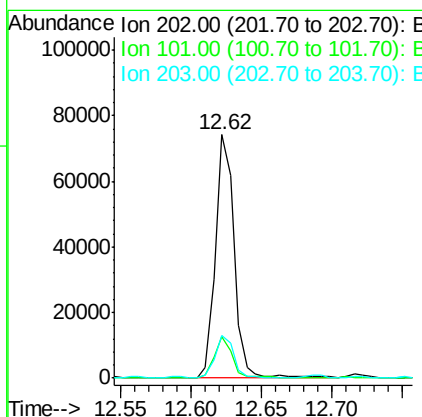
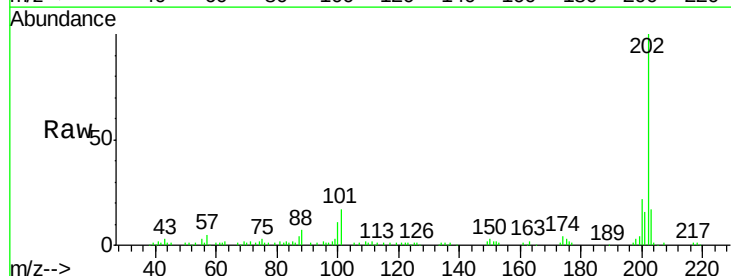
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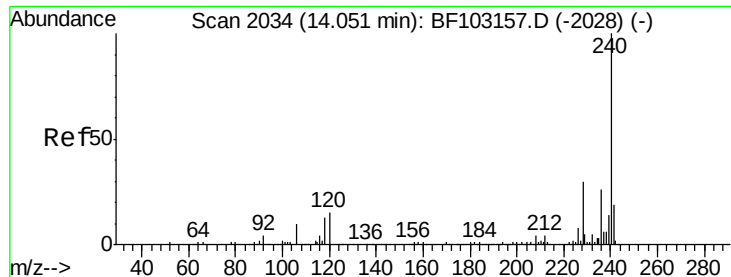
Tot Ion:178 Resp: 55874
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.2 13.0 19.6



#74
Fluoranthene
Concen: 3.103 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103273.D
Acq: 27 Feb 2018 19:48

Tgt Ion:202 Resp: 68820
Ion Ratio Lower Upper
202 100
101 17.1 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103273.D

Acq: 27 Feb 2018 19:48

Instrument :

BNA_F

ClientSampleId :

72-11977-72-11982

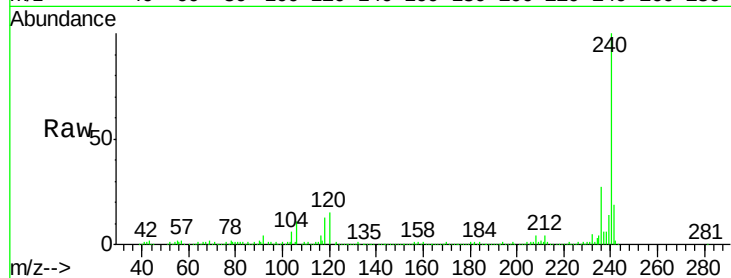
Tot Ion:240 Resp: 262018

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

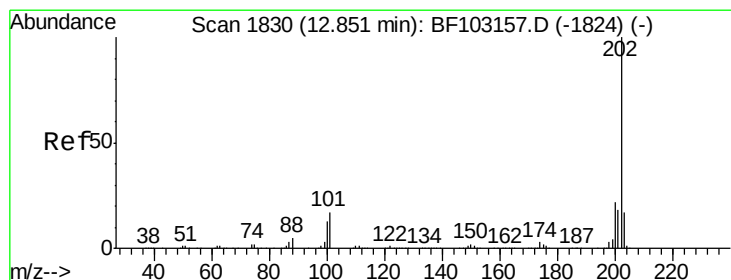
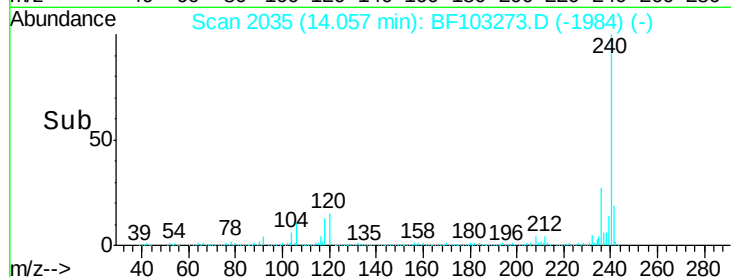
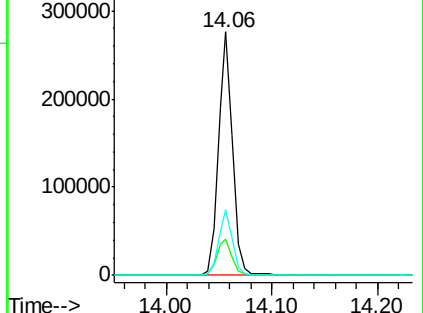
236 26.9 20.7 31.1



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: 2.373 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103273.D

Acq: 27 Feb 2018 19:48

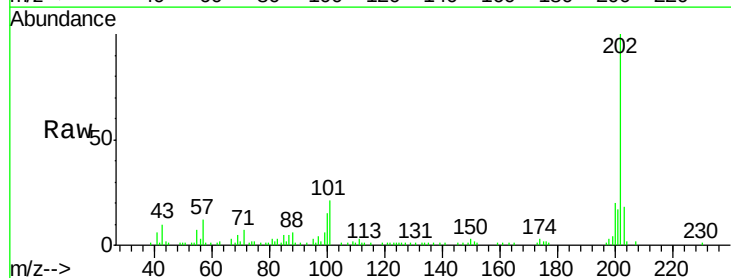
Tgt Ion:202 Resp: 48487

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

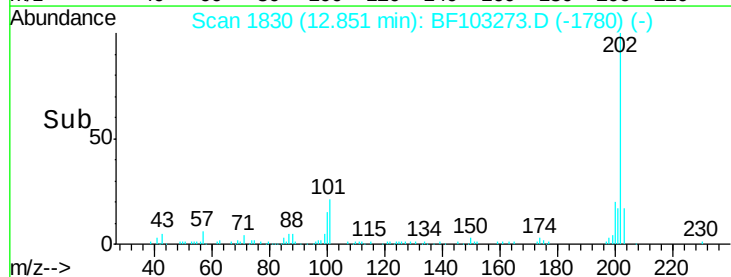
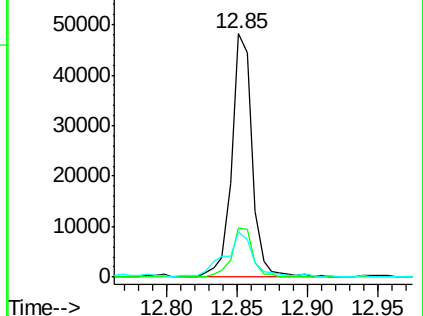
203 18.4 14.3 21.5

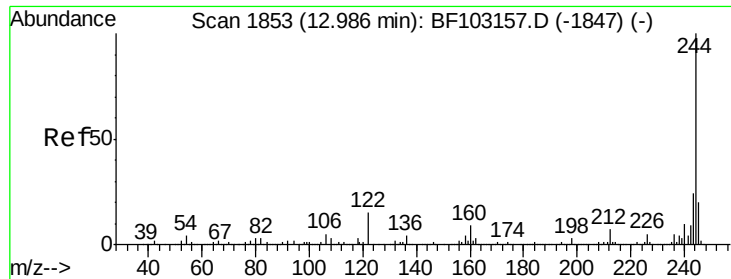


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.846 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103273.D

Acq: 27 Feb 2018 19:48

Instrument :

BNA_F

ClientSampleId :

72-11977-72-11982

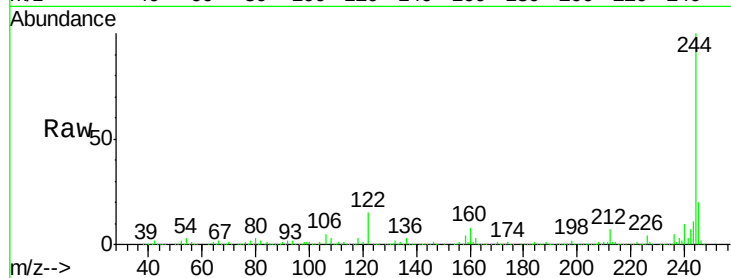
Tot Ion:244 Resp: 946612

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

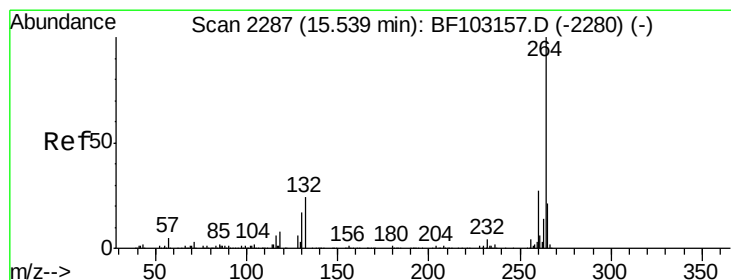
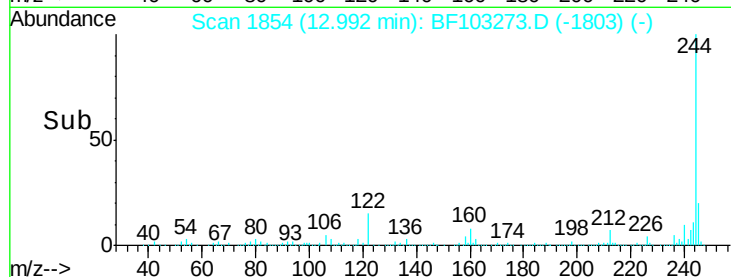
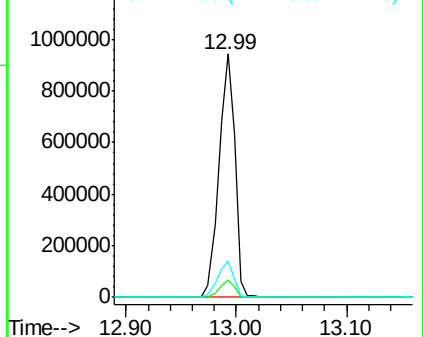
122 14.7 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BF103273.D

Acq: 27 Feb 2018 19:48

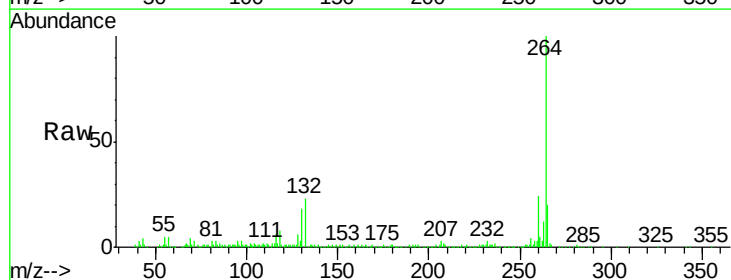
Tgt Ion:264 Resp: 230447

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 19.7 17.5 26.3



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

