

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103471.D
 Acq On : 6 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1809-05 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 00:15:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

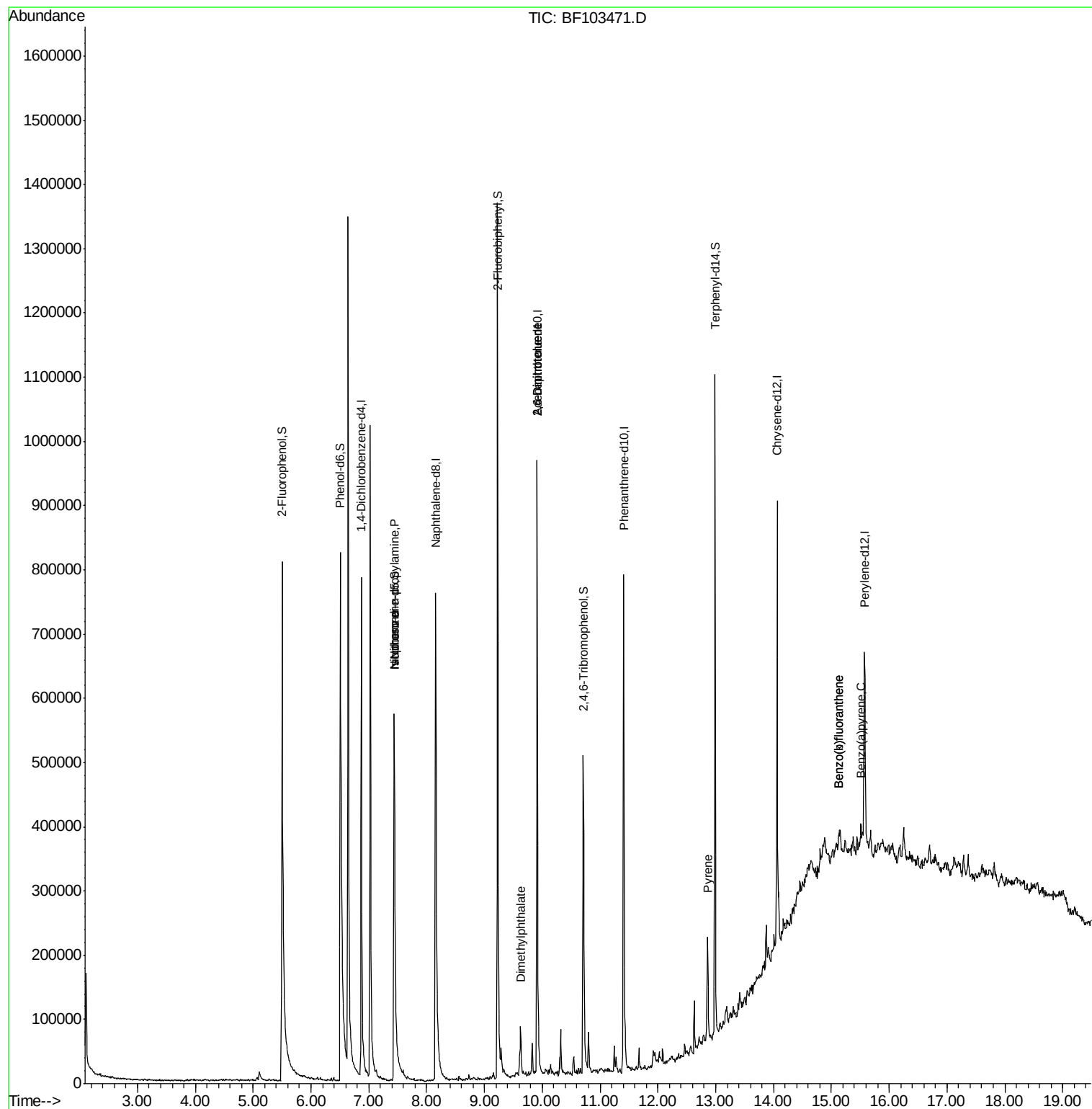
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139017	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	566688	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	221522	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	342124	20.00	ng	0.00
75) Chrysene-d12	14.06	240	224271	20.00	ng	0.00
86) Perylene-d12	15.57	264	162583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	437909	47.64	ng	0.00
7) Phenol-d6	6.51	99	588172	52.29	ng	0.00
23) Nitrobenzene-d5	7.44	82	346701	34.94	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	58210	31.04	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	513174	33.92	ng	0.00
78) Terphenyl-d14	12.99	244	334495	35.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	1065	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	46012	6.573 ng	#	85
25) Isophorone	7.44	82	346701	17.740 ng	#	64
49) Dimethylphthalate	9.63	163	42648	2.400 ng		99
50) 2,6-Dinitrotoluene	9.91	165	28211	7.565 ng	#	26
56) 2,4-Dinitrotoluene	9.91	165	28359	6.013 ng	#	24
77) Pyrene	12.86	202	72544	4.149 ng		100
87) Benzo(b)fluoranthene	15.13	252	29041	2.717 ng	#	75
88) Benzo(k)fluoranthene	15.13	252	29041	2.885 ng	#	78
89) Benzo(a)pyrene	15.52	252	20073	2.103 ng	#	84

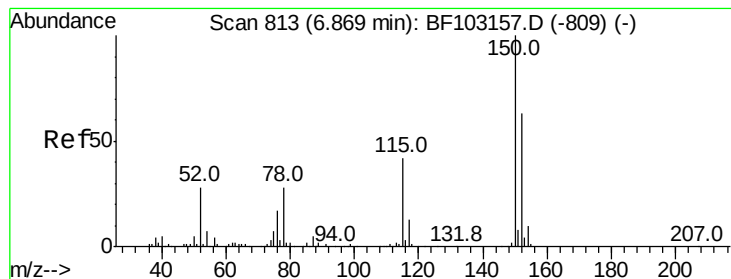
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
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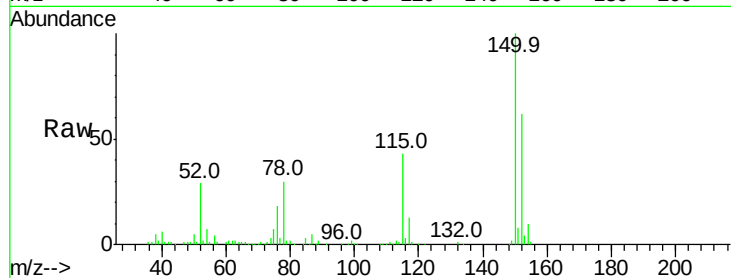


#1

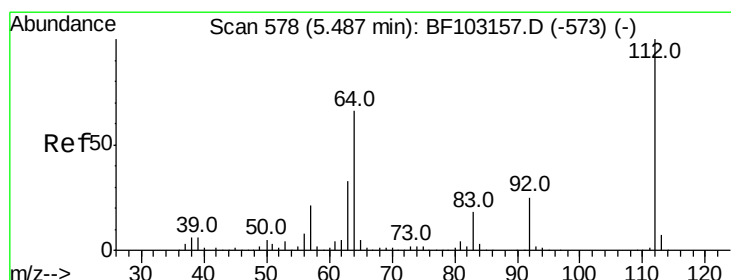
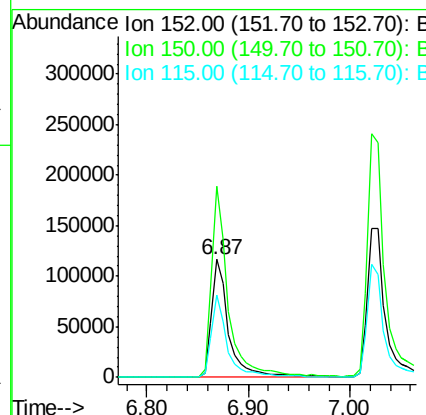
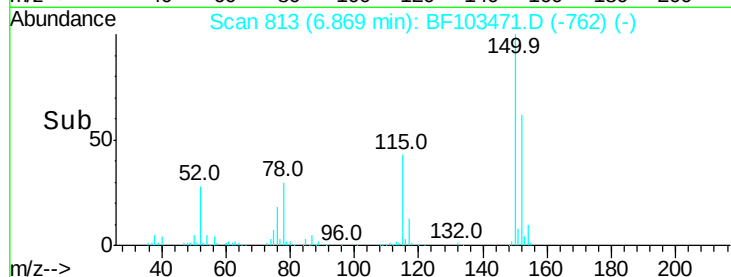
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103471.D
Acq: 6 Mar 2018 22:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139017
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 69.3 50.1 75.1



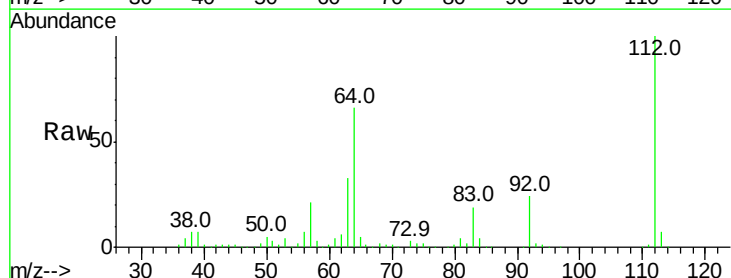
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



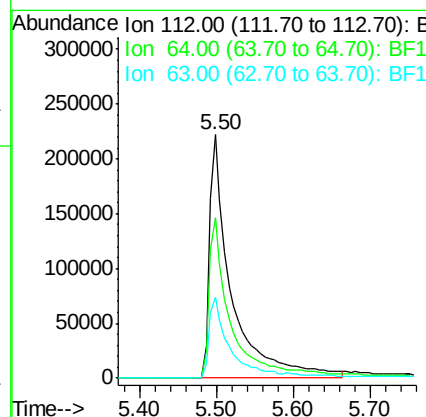
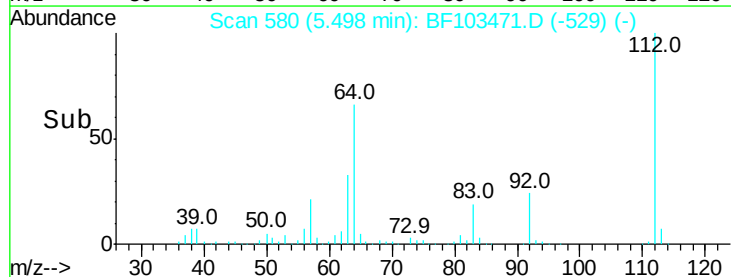
#5

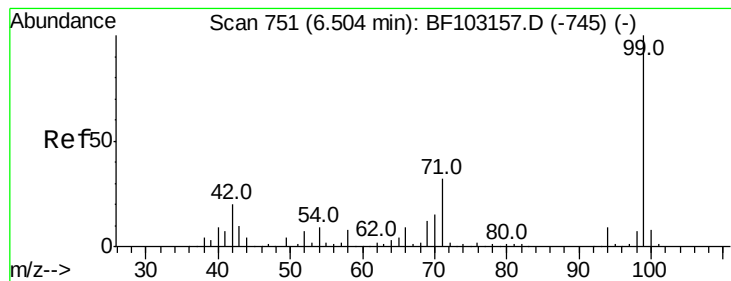
2-Fluorophenol
Concen: 47.642 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103471.D
Acq: 6 Mar 2018 22:22

Tgt Ion:112 Resp: 437909
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 33.2 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: 52.294 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

Instrument :

BNA_F

ClientSampleId :

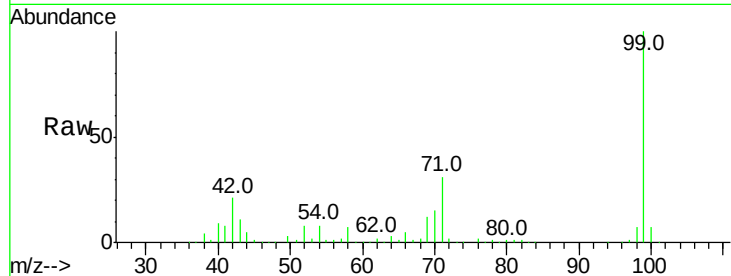
Tot Ion: 99 Resp: 588172

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

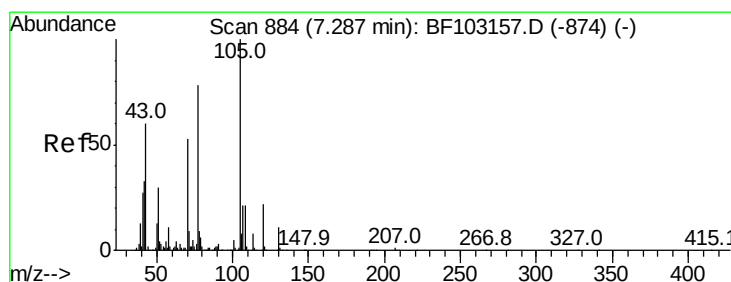
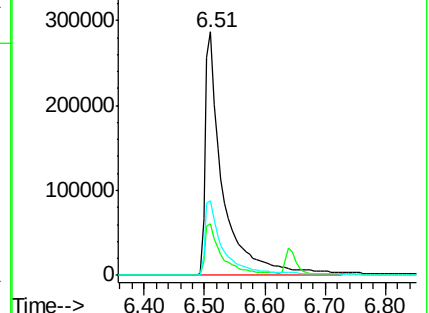
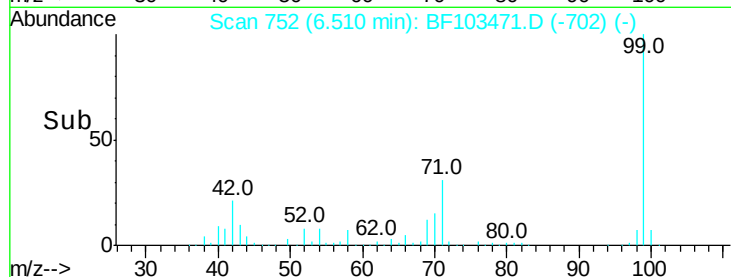
71 30.9 25.4 38.0



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: 6.573 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

Tgt Ion: 70 Resp: 46012

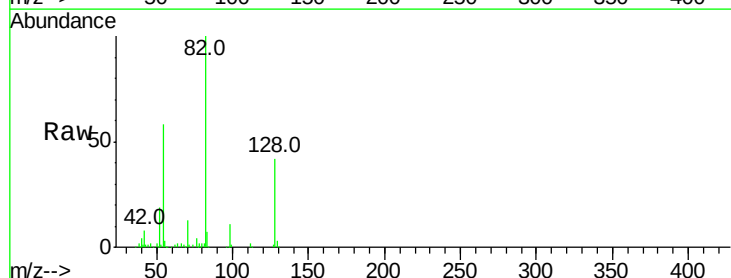
Ion Ratio Lower Upper

70 100

42 56.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

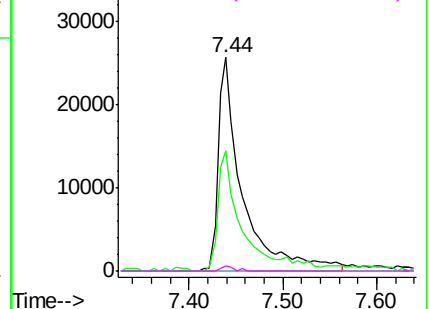
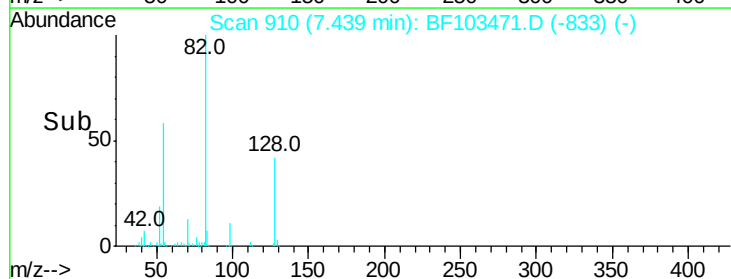


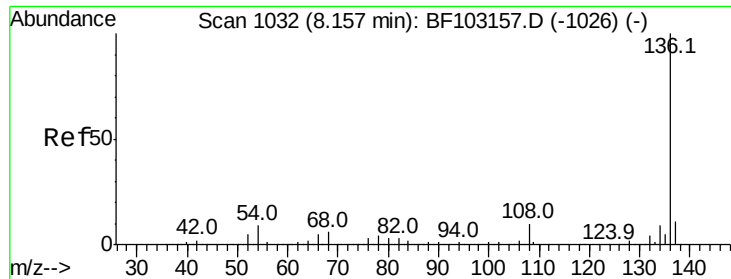
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

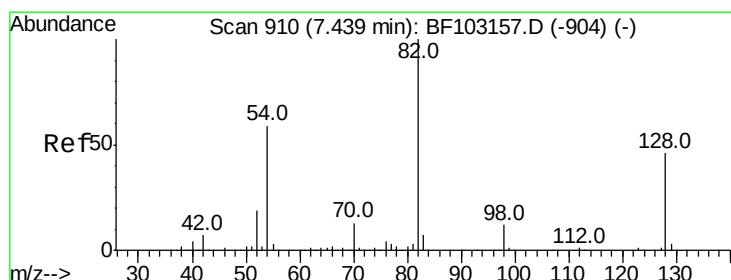
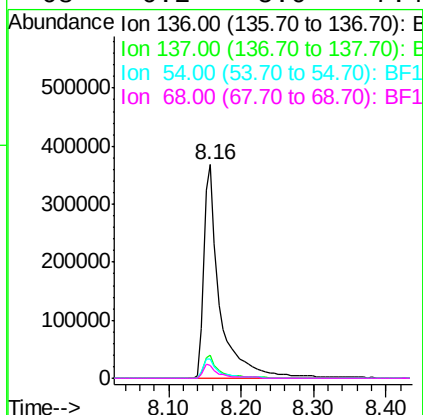
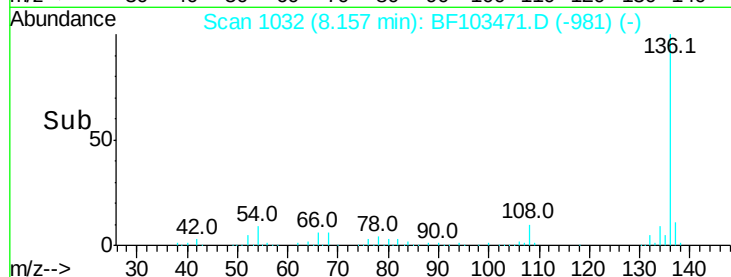
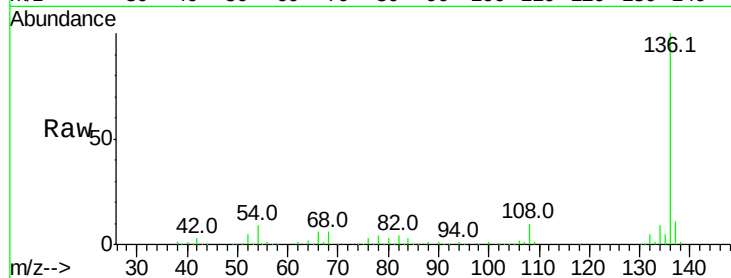




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103471.D
Acq: 6 Mar 2018 22:22

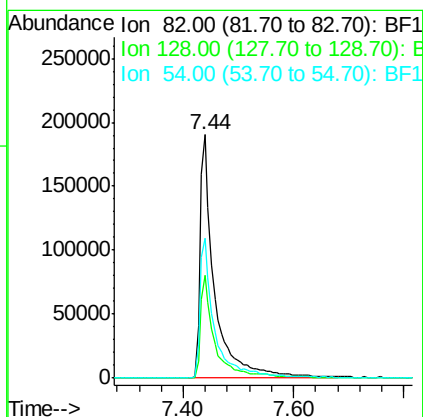
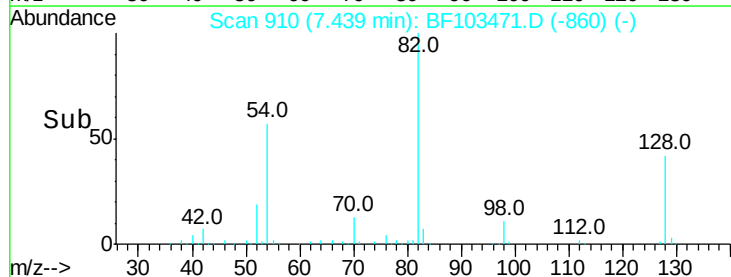
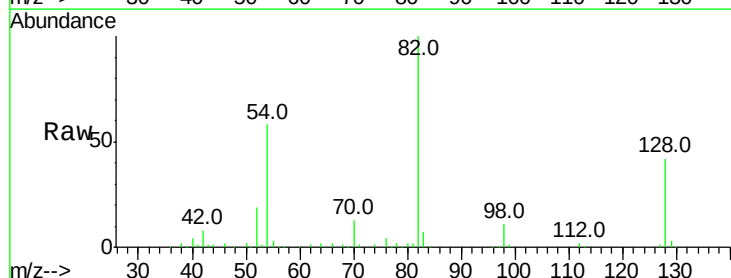
Instrument :
BNA_F
ClientSampleId :

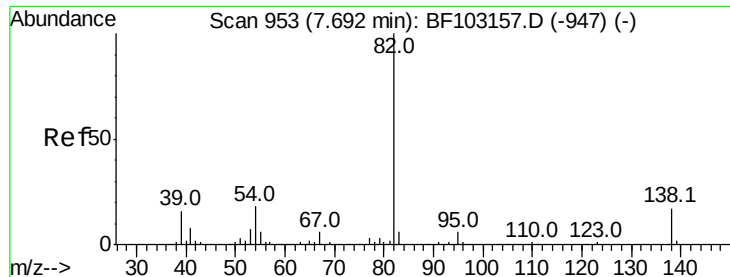
Tot Ion:	136	Resp:	566688
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.9	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 34.939 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103471.D
Acq: 6 Mar 2018 22:22

Tgt Ion:	82	Resp:	346701
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	57.7	41.4	62.2





#25

Isophorone

Concen: 17.740 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

Instrument :

BNA_F

ClientSampleId :

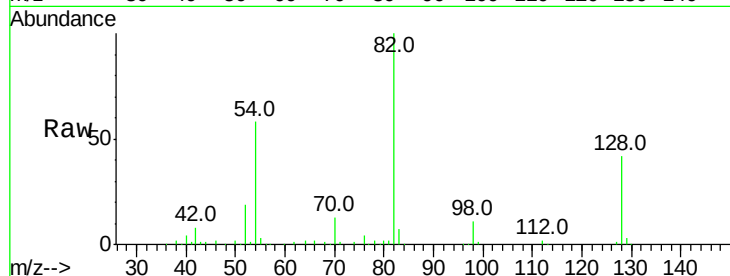
Tot Ion: 82 Resp: 346701

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

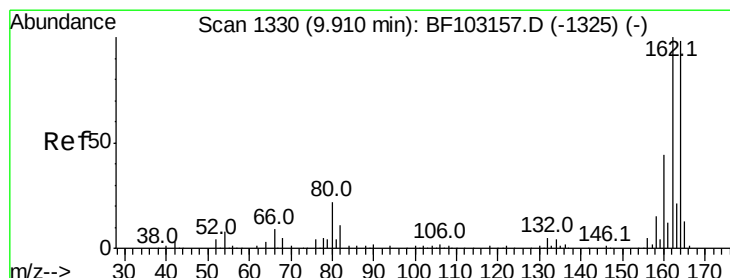
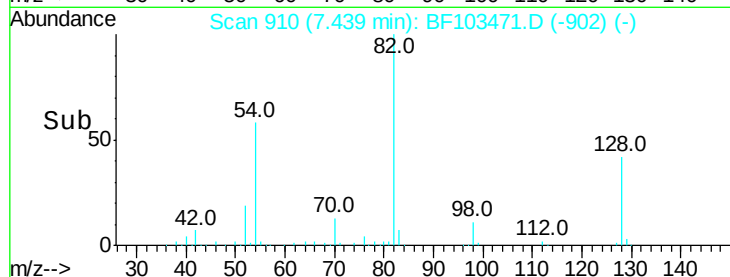
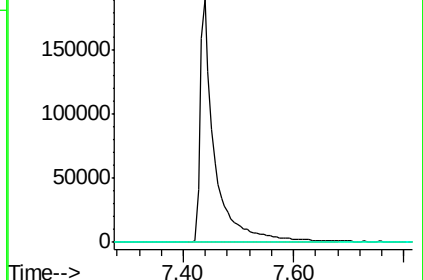
138 0.0 14.9 22.3#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

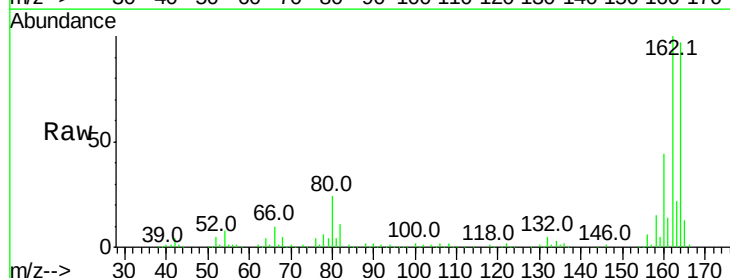
Tgt Ion:164 Resp: 221522

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

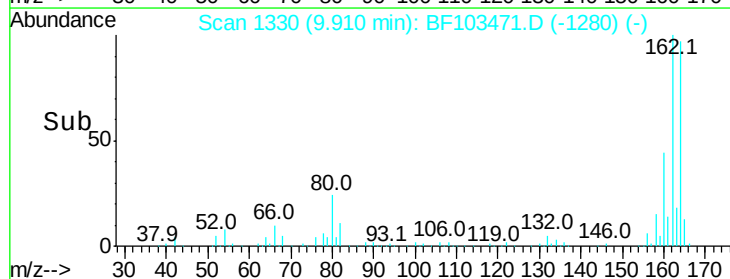
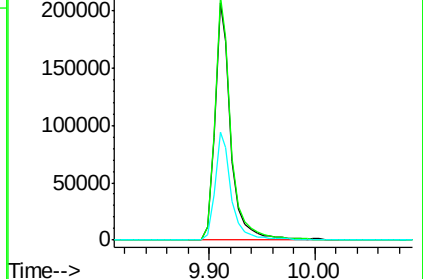
160 45.7 38.3 57.5

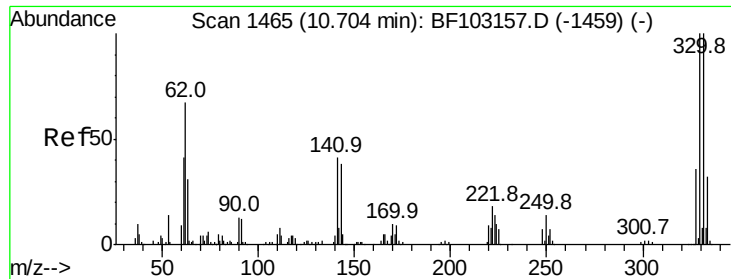


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

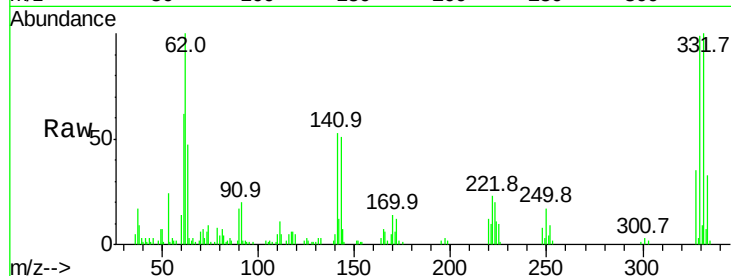




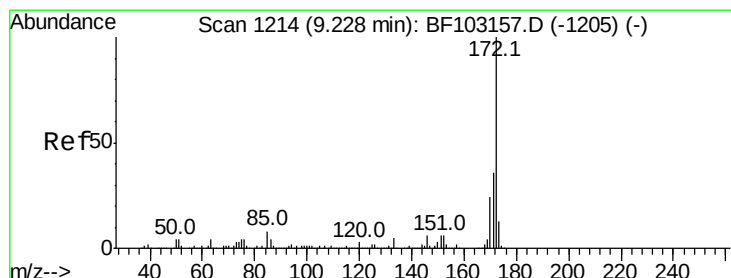
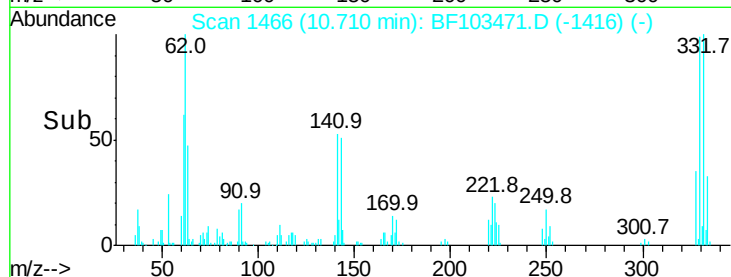
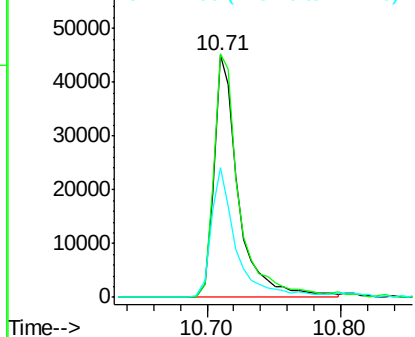
#41
 2,4,6-Tribromophenol
 Concen: 31.044 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103471.D
 Acq: 6 Mar 2018 22:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 58210
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 53.6 29.9 44.9#

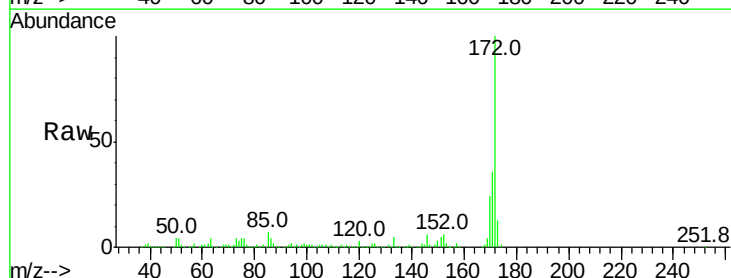


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

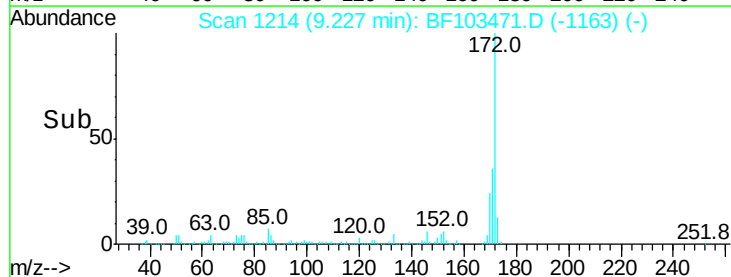
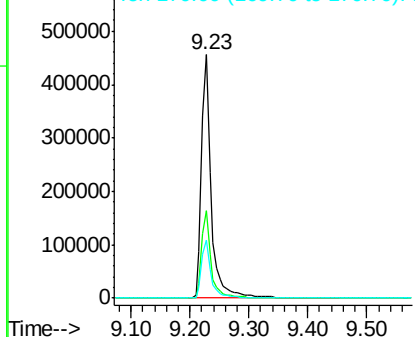


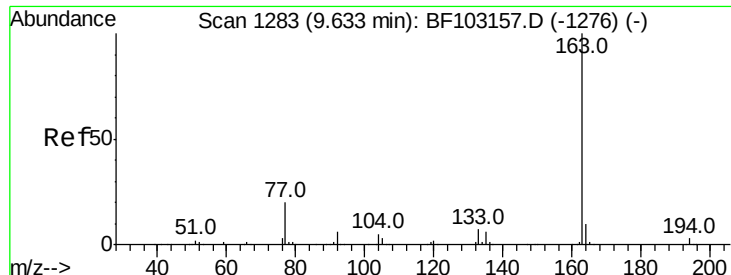
#44
 2-Fluorobiphenyl
 Concen: 33.918 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103471.D
 Acq: 6 Mar 2018 22:22

Tgt Ion:172 Resp: 513174
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.0 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: 2.400 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

Instrument :

BNA_F

ClientSampled :

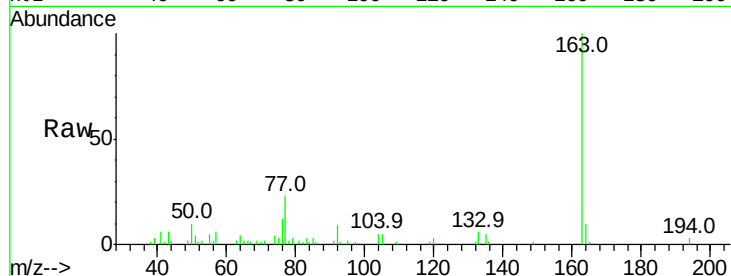
Tot Ion:163 Resp: 42648

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

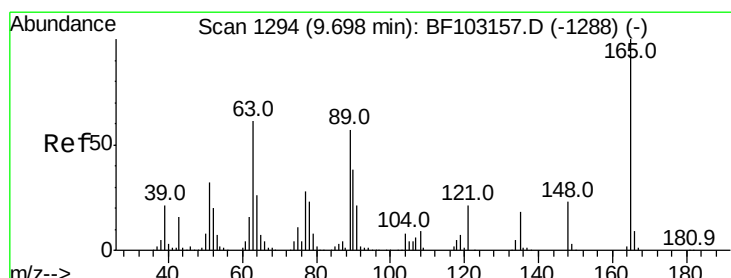
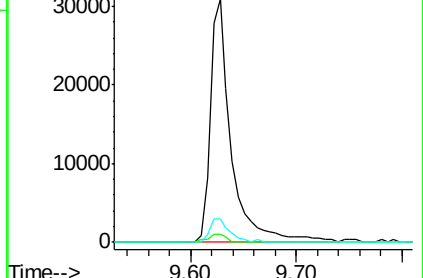
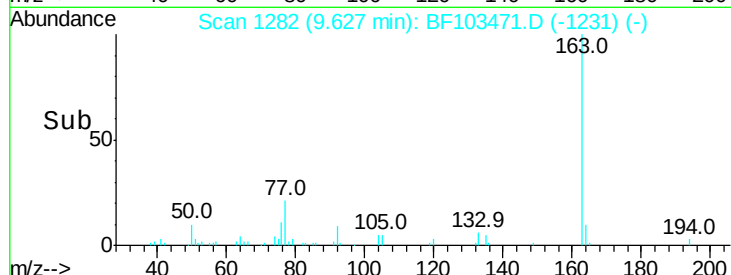
164 9.7 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.565 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

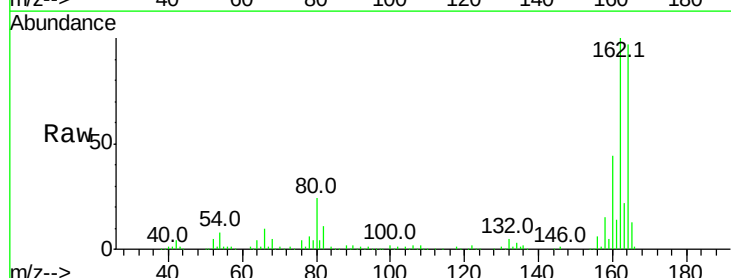
Tgt Ion:165 Resp: 28211

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

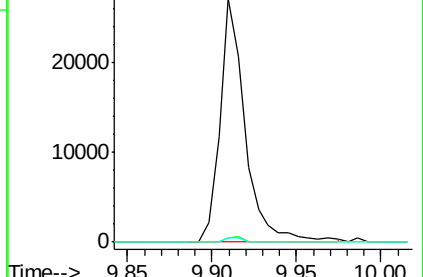
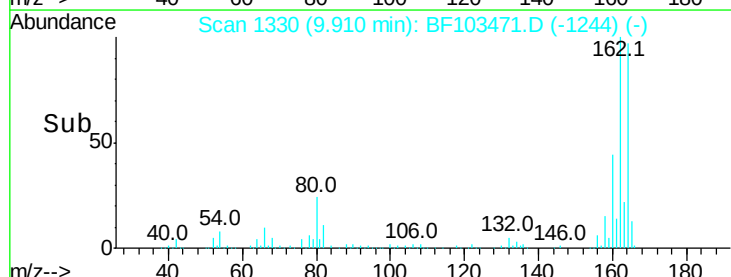
89 1.9 44.0 66.0#

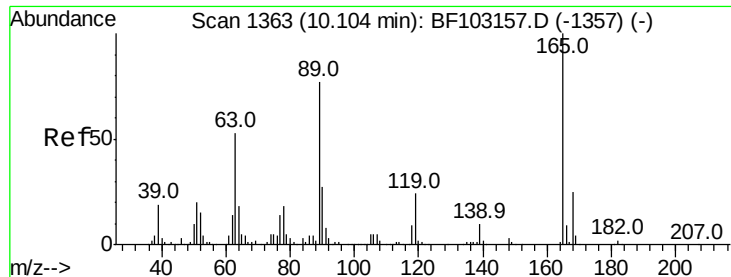


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

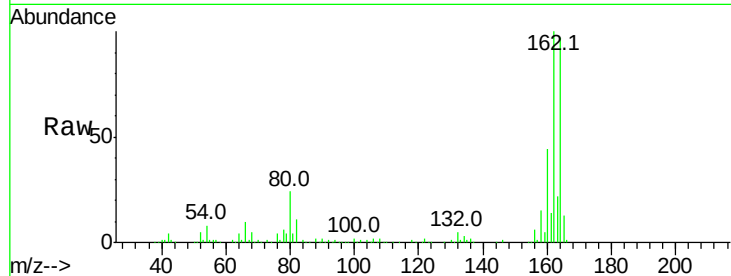




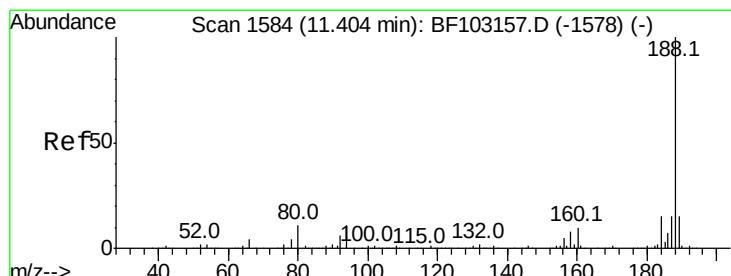
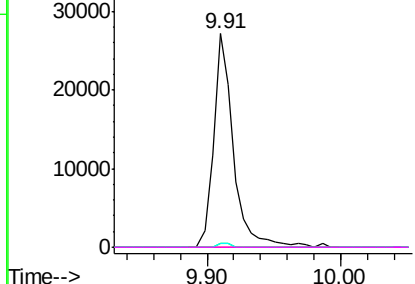
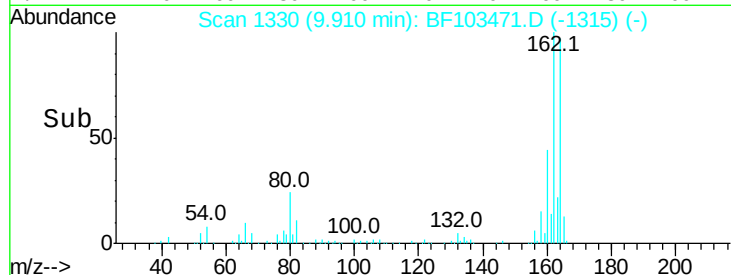
#56
 2,4-Dinitrotoluene
 Concen: 6.013 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103471.D
 Acq: 6 Mar 2018 22:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28359
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#

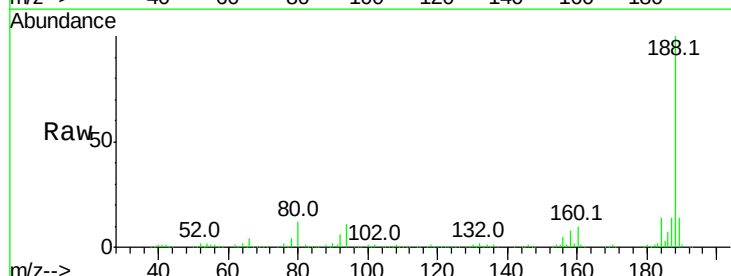


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

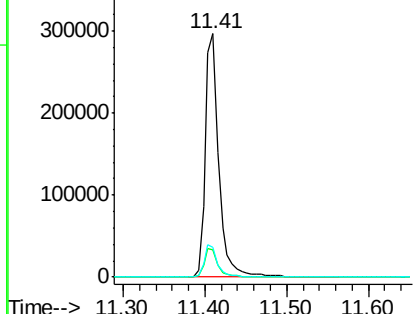
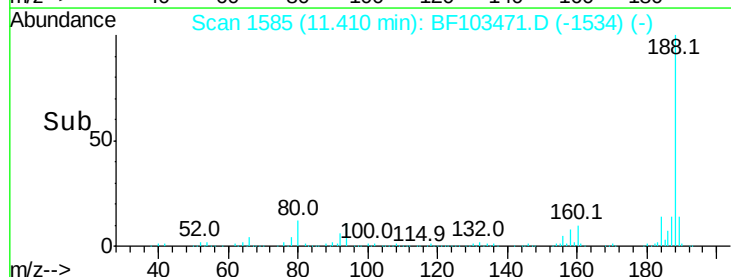


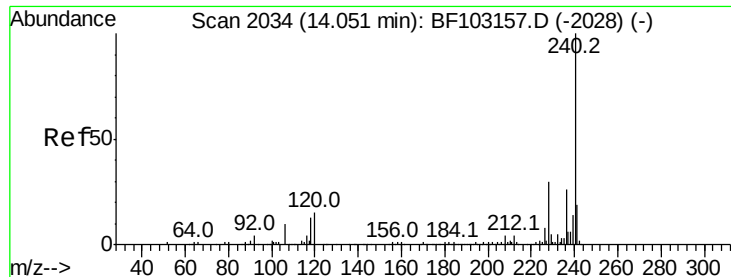
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF103471.D
 Acq: 6 Mar 2018 22:22

Tgt Ion:188 Resp: 342124
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.0 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

Instrument :

BNA_F

ClientSampleId :

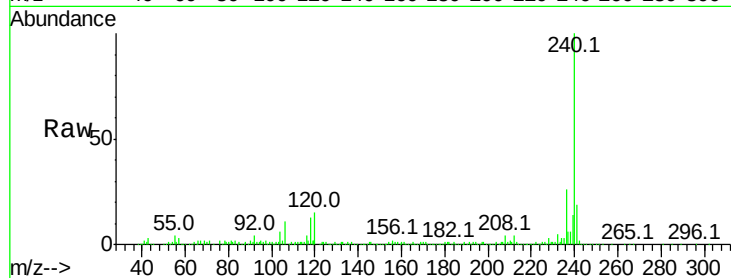
Tot Ion:240 Resp: 224271

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

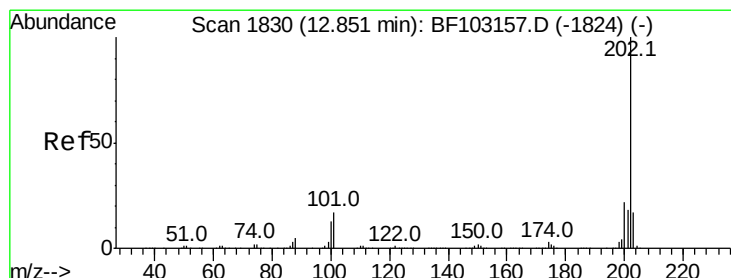
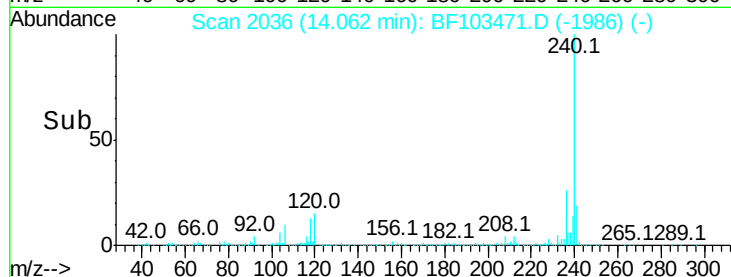
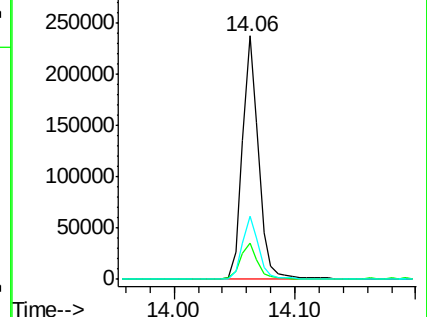
236 25.8 20.7 31.1



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: 4.149 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

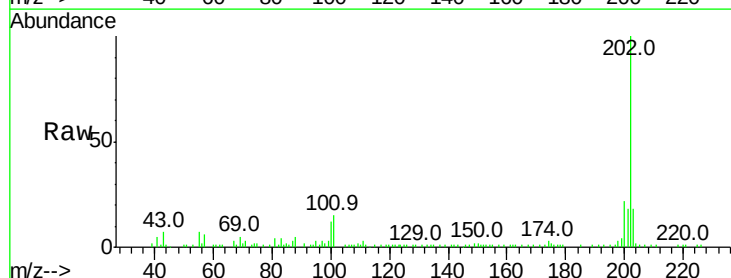
Tgt Ion:202 Resp: 72544

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

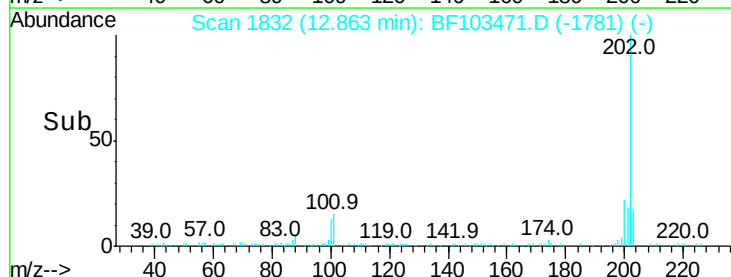
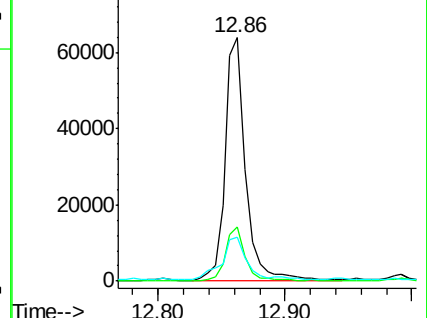
203 18.0 14.3 21.5

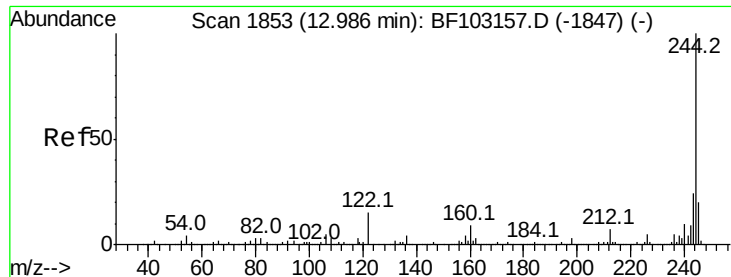


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 35.853 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

Instrument :

BNA_F

ClientSampleId :

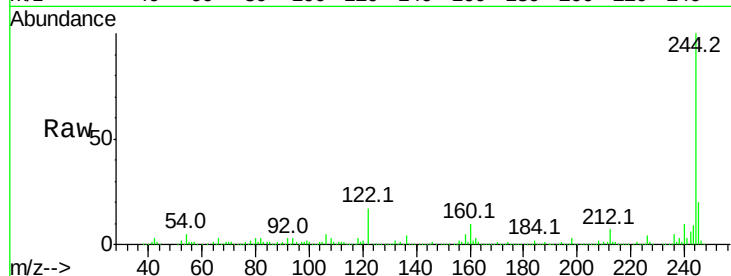
Tot Ion:244 Resp: 334495

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

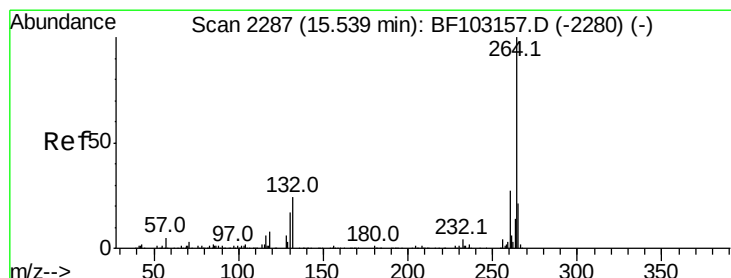
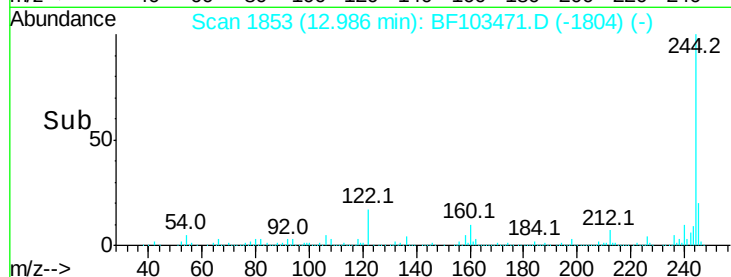
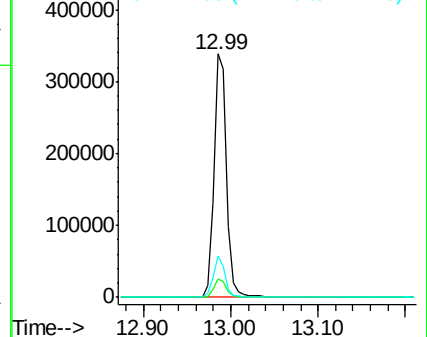
122 16.8 11.0 16.4#



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: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

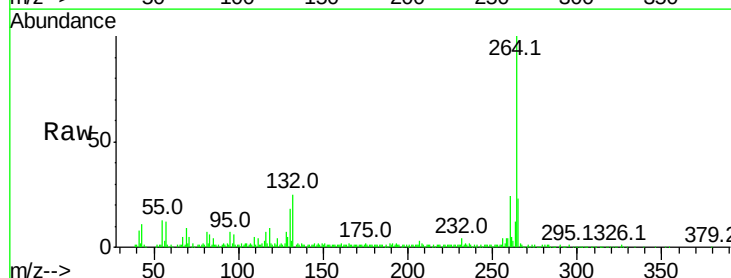
Tgt Ion:264 Resp: 162583

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

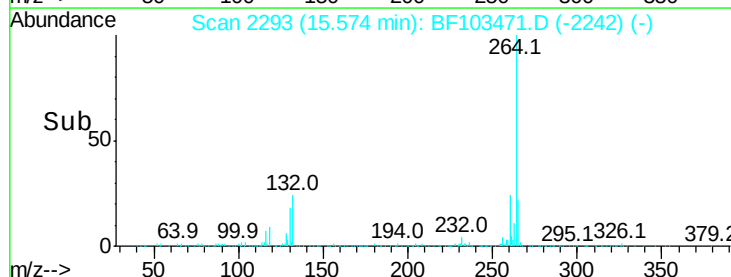
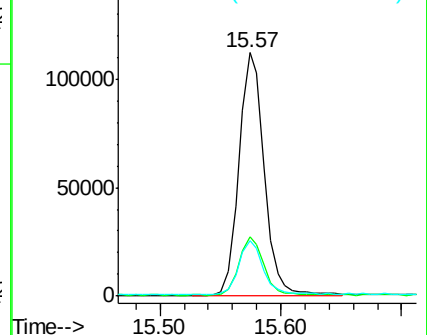
265 22.9 17.5 26.3

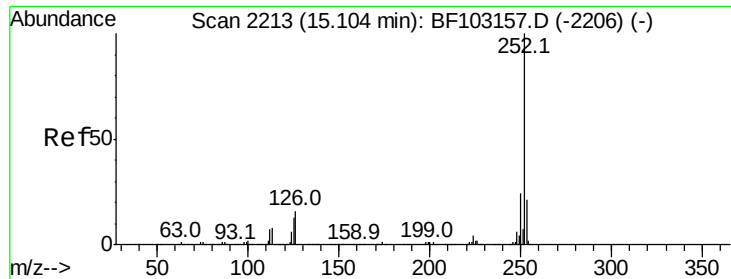


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

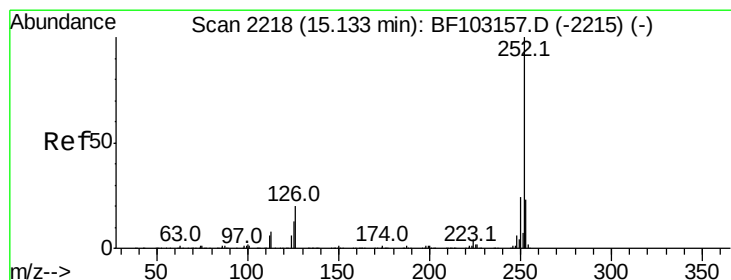
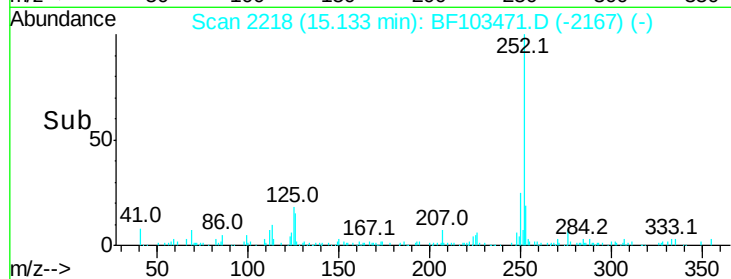
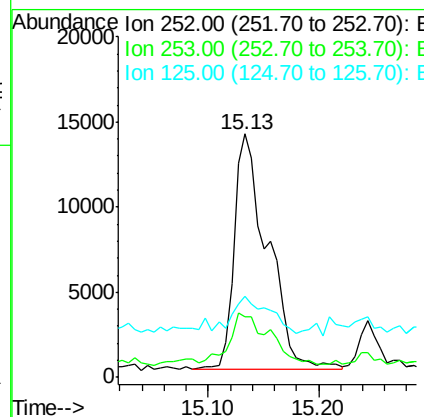
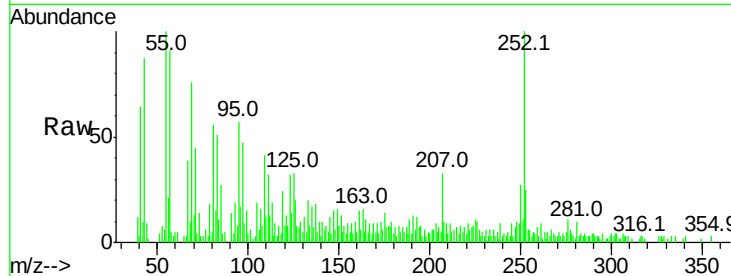




#87
Benzo(b)fluoranthene
Concen: 2.717 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103471.D
Acq: 6 Mar 2018 22:22

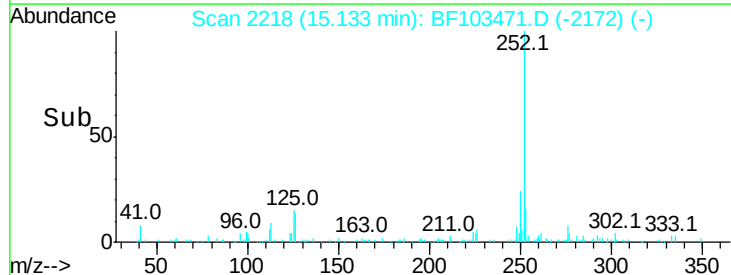
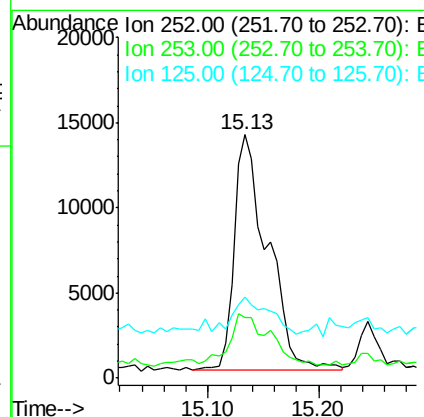
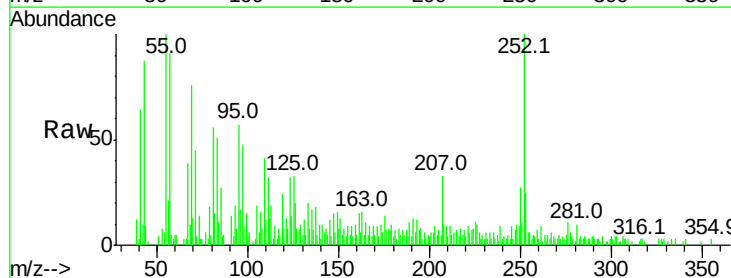
Instrument :
BNA_F
ClientSampleId :

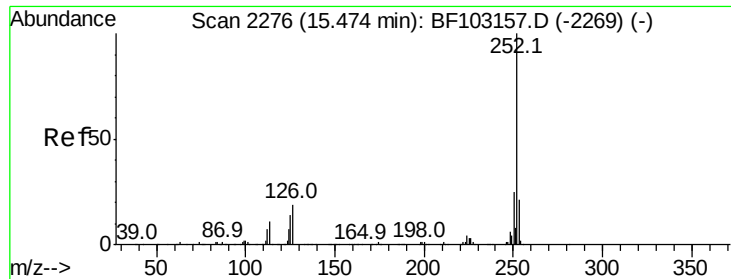
Tot Ion:252 Resp: 29041
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.6
125 33.3 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.885 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103471.D
Acq: 6 Mar 2018 22:22

Tgt Ion:252 Resp: 29041
Ion Ratio Lower Upper
252 100
253 24.7 17.9 26.9
125 33.3 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 2.103 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF103471.D

Acq: 6 Mar 2018 22:22

Instrument :

BNA_F

ClientSampleId :

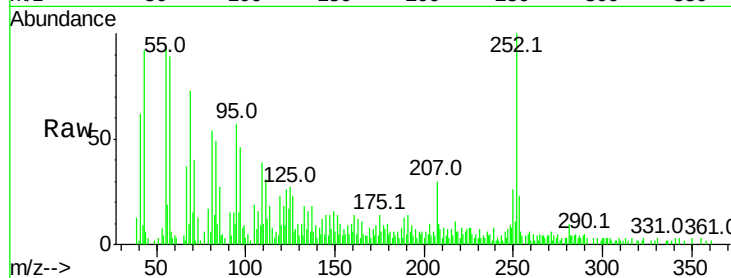
Tot Ion:252 Resp: 20073

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

125 27.0 9.8 14.6



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

