

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103519.D
 Acq On : 8 Mar 2018 16:28
 Operator : SJ/JU
 Sample : J1748-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:51:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137428	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	607749	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	252047	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	398923	20.00	ng	0.00
75) Chrysene-d12	14.06	240	236030	20.00	ng	0.00
86) Perylene-d12	15.56	264	215211	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	882805	97.15	ng	0.00
7) Phenol-d6	6.50	99	1122813	100.98	ng	0.00
23) Nitrobenzene-d5	7.43	82	723394	67.98	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	158318	74.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	942197	59.92	ng	0.00
78) Terphenyl-d14	12.99	244	617931	62.93	ng	0.00

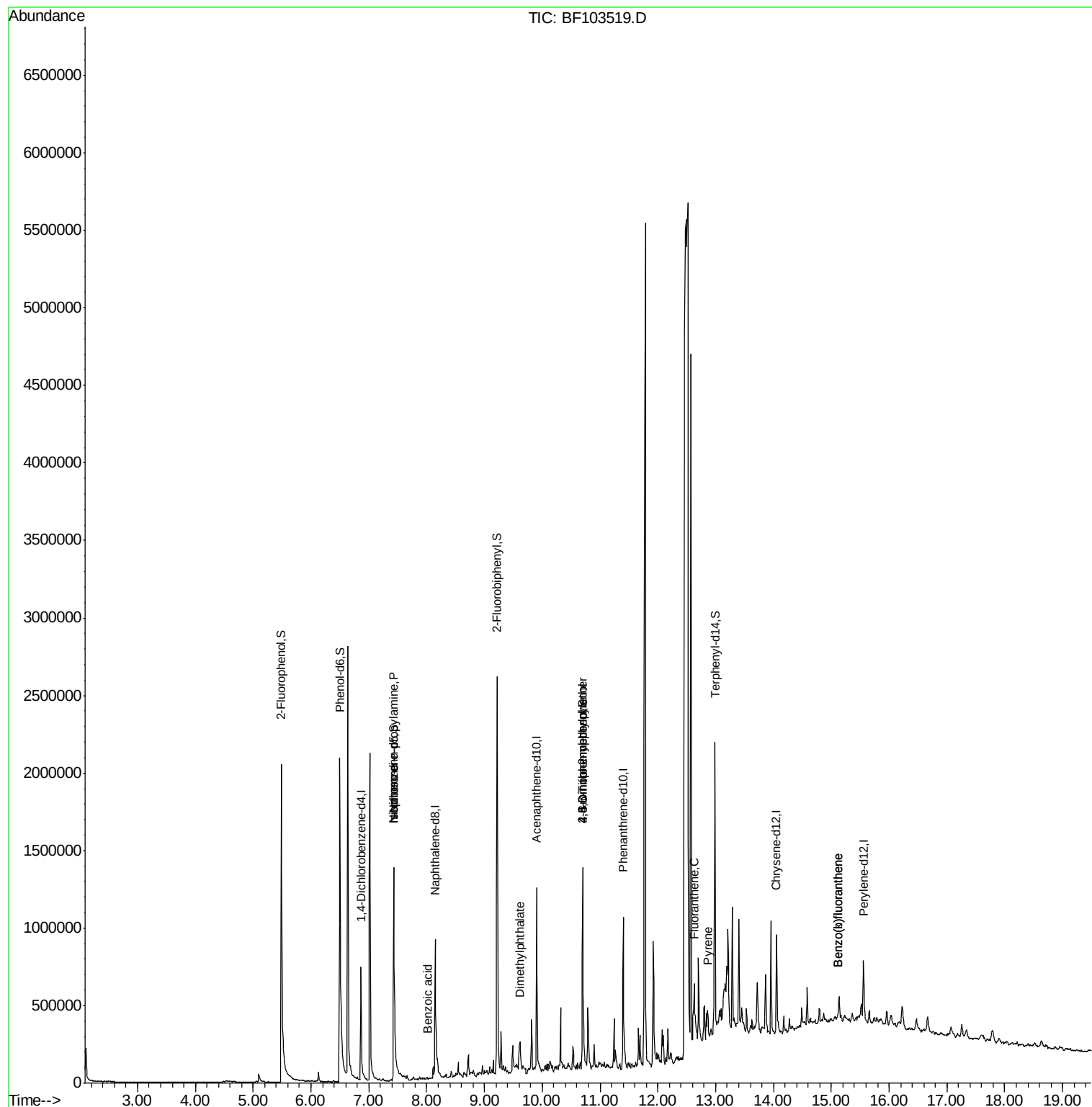
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	2175	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.43	70	96501	13.945	ng	# 81
25) Isophorone	7.43	82	723394	34.514	ng	# 64
32) Benzoic acid	8.02	122	764	7.018	ng	# 50
49) Dimethylphthalate	9.62	163	74626	3.691	ng	100
64) 4,6-Dinitro-2-methylphenol	10.70	198	390	5.089	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11122	2.676	ng	# 1
74) Fluoranthene	12.63	202	49550	2.246	ng	93
77) Pyrene	12.86	202	49762	2.704	ng	98
87) Benzo(b)fluoranthene	15.12	252	33363	2.358	ng	# 74
88) Benzo(k)fluoranthene	15.12	252	33363	2.504	ng	# 77

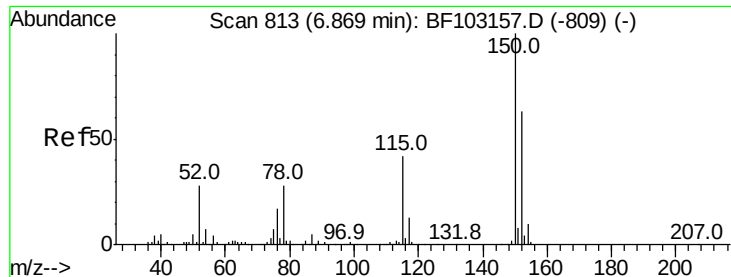
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
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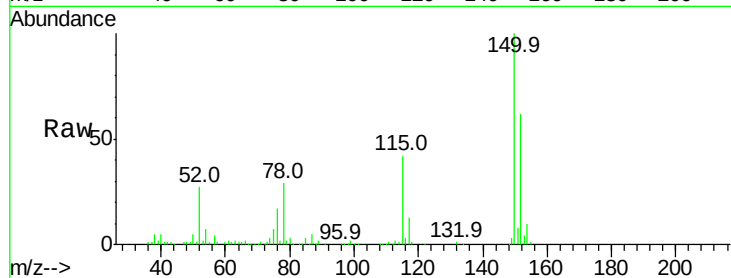


#1

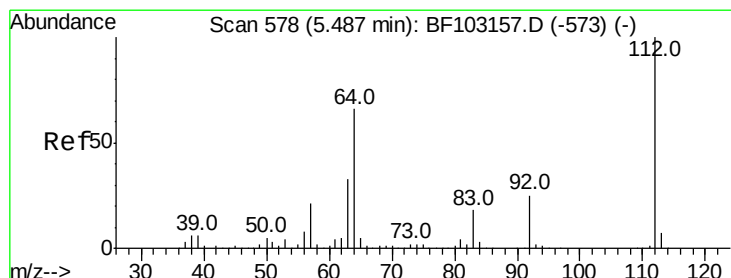
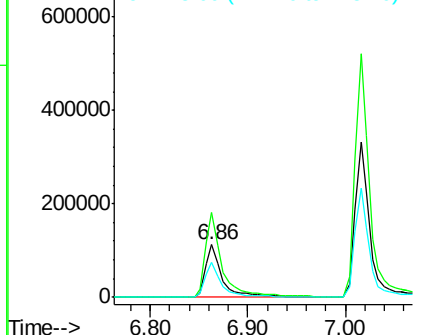
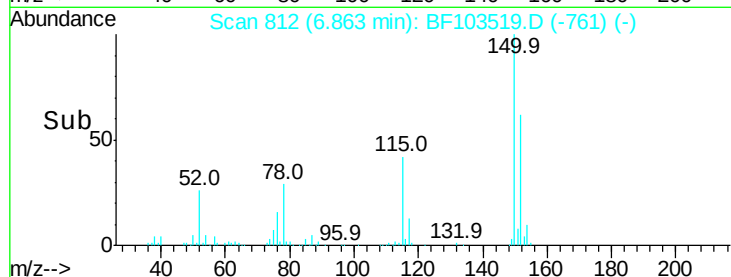
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103519.D
Acq: 8 Mar 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137428
Ion Ratio Lower Upper
152 100
150 162.5 124.6 186.8
115 67.6 50.1 75.1



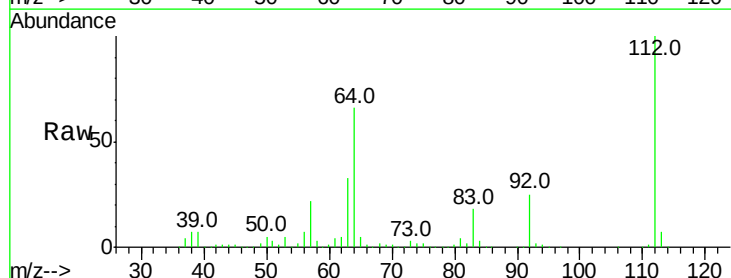
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



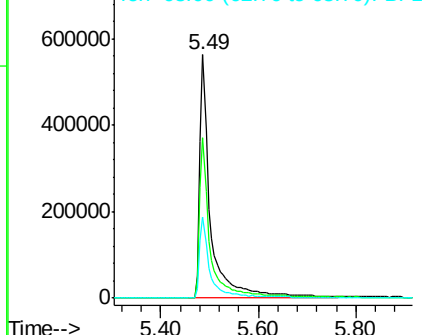
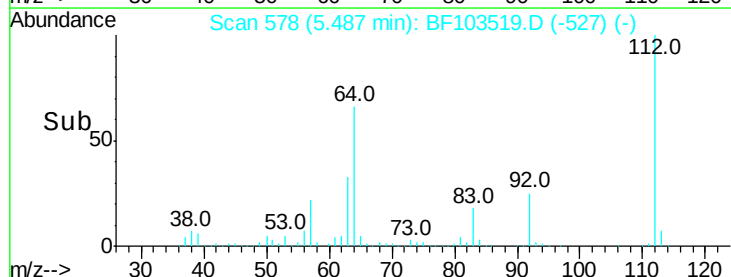
#5

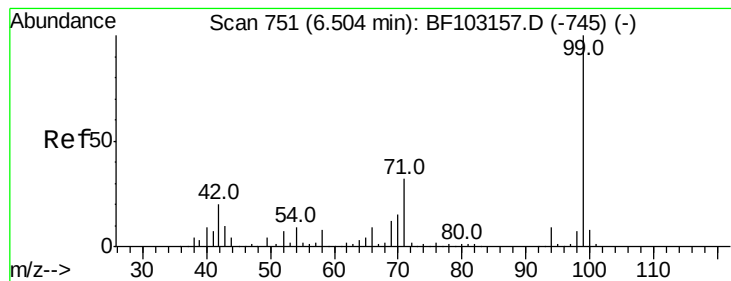
2-Fluorophenol
Concen: 97.155 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103519.D
Acq: 8 Mar 2018 16:28

Tgt Ion:112 Resp: 882805
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 33.5 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: 100.983 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

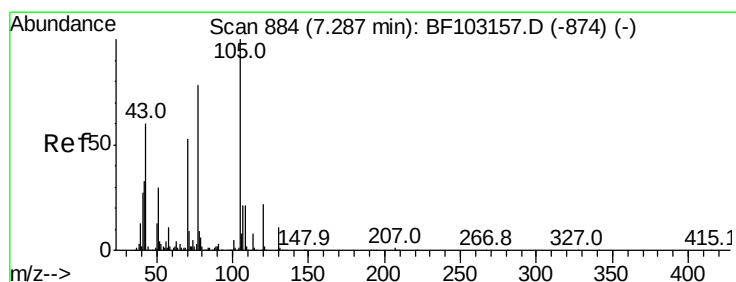
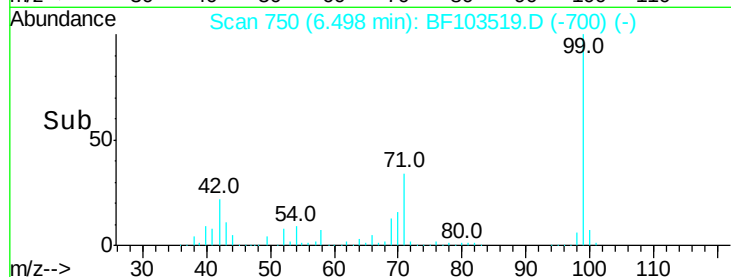
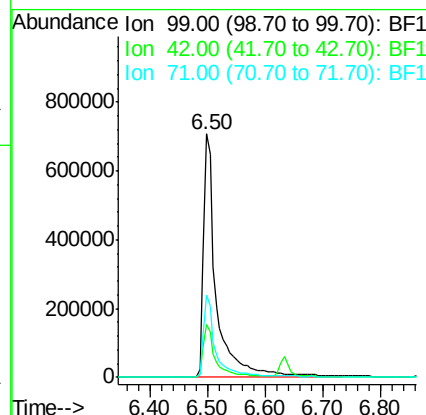
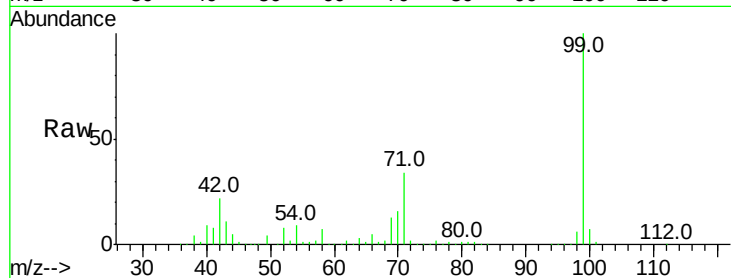
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1122813

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.9	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.945 ng

RT: 7.43 min Scan# 908

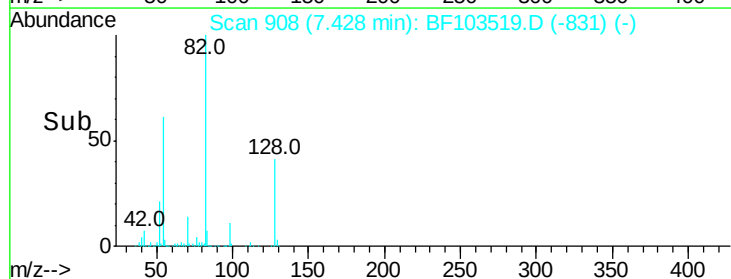
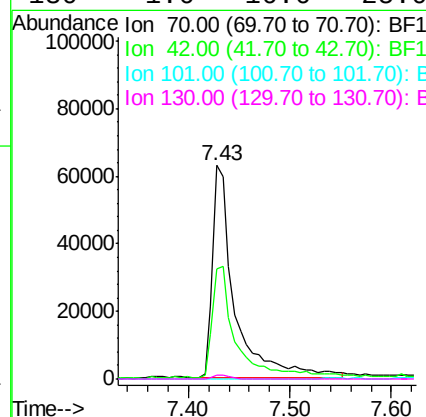
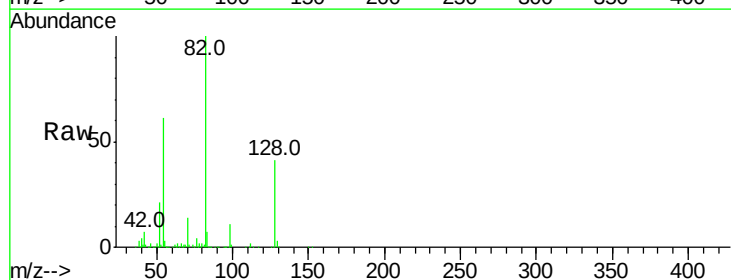
Delta R.T. 0.15 min

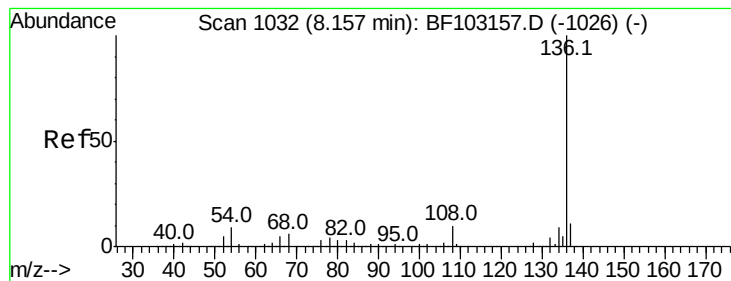
Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

Tgt Ion: 70 Resp: 96501

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 607749

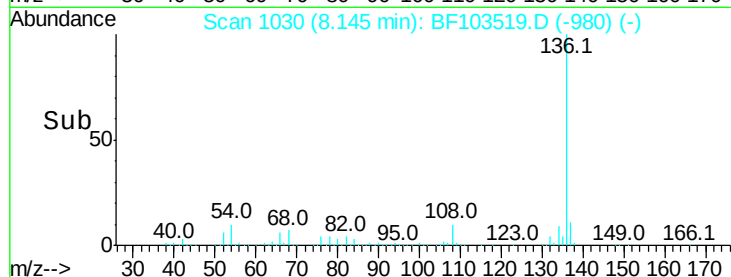
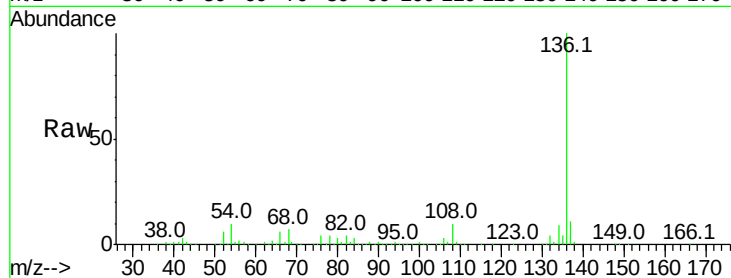
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.0 6.6 9.8#

68 6.8 5.0 7.4

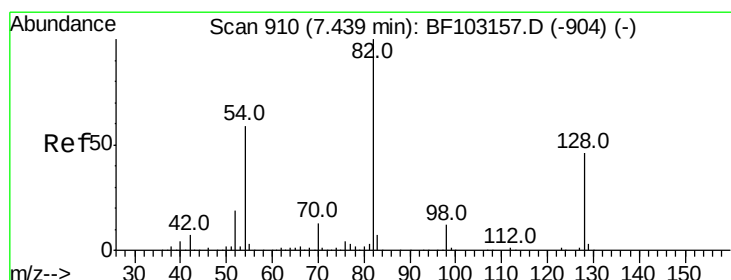
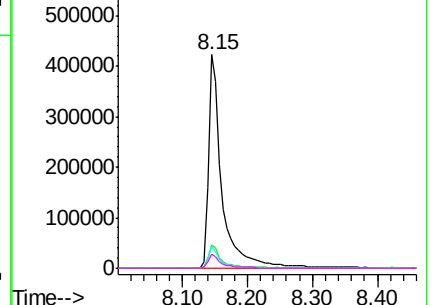


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.975 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

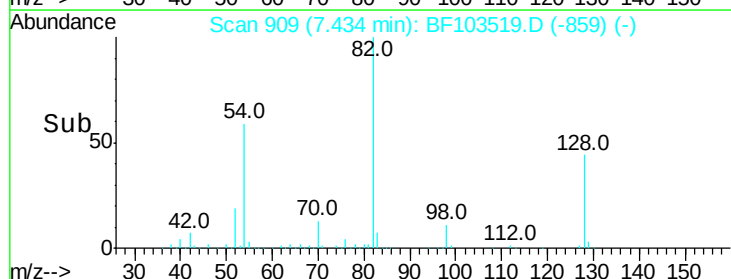
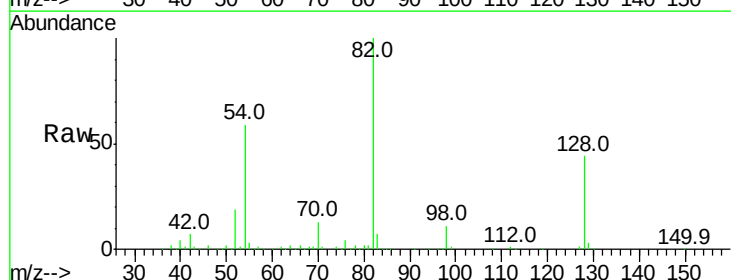
Tgt Ion: 82 Resp: 723394

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

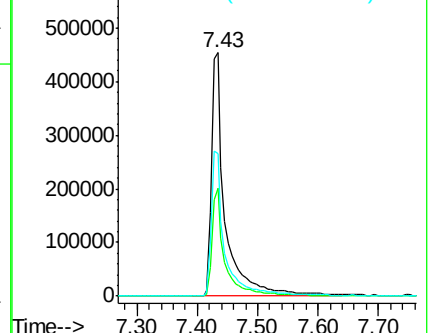
54 58.7 41.4 62.2

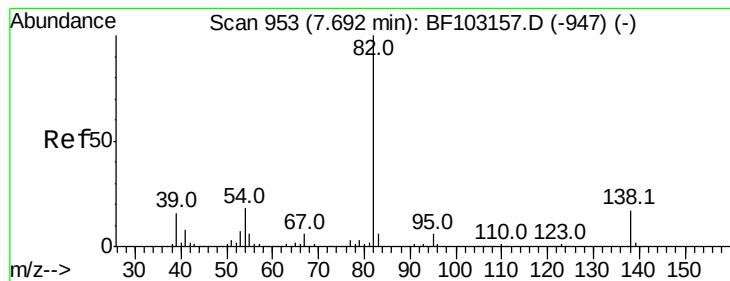


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.514 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

Instrument :

BNA_F

ClientSampleId :

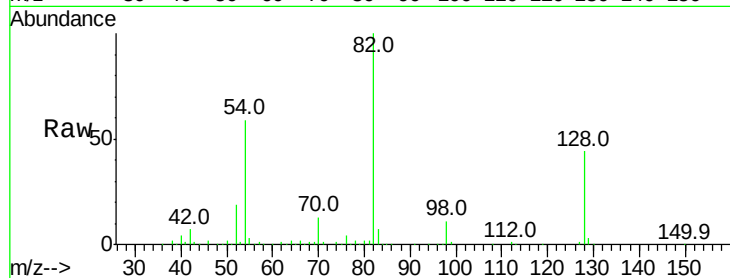
Tot Ion: 82 Resp: 723394

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

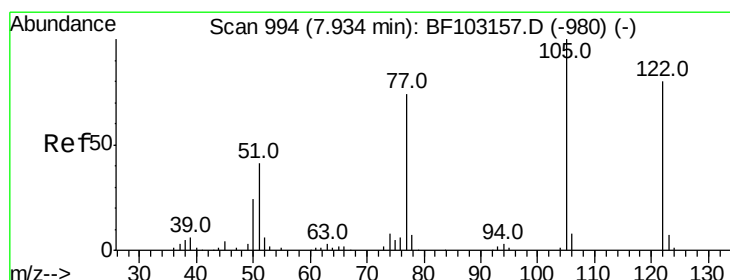
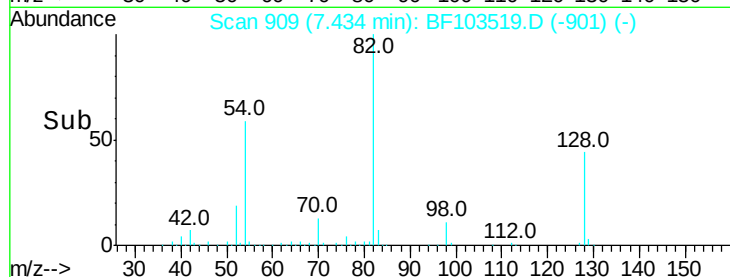
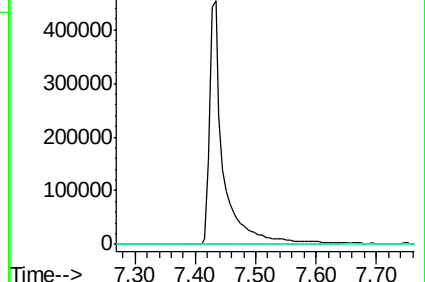
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 7.018 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.05 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

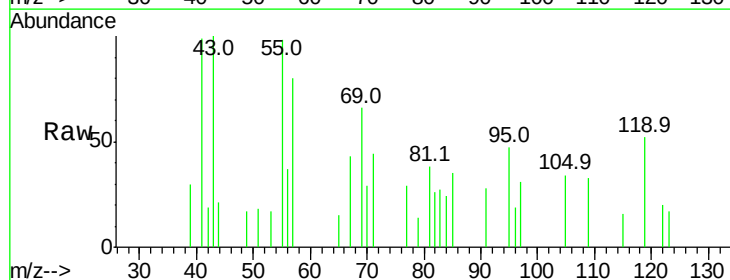
Tgt Ion:122 Resp: 764

Ion Ratio Lower Upper

122 100

105 171.9 101.1 141.1#

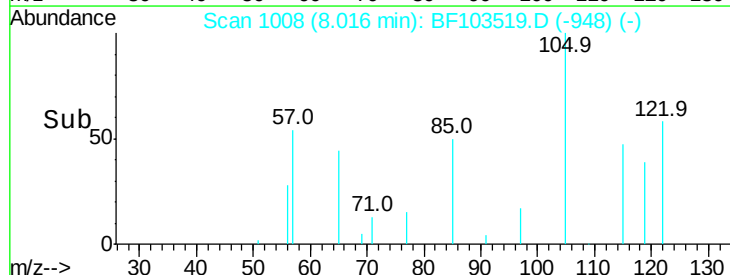
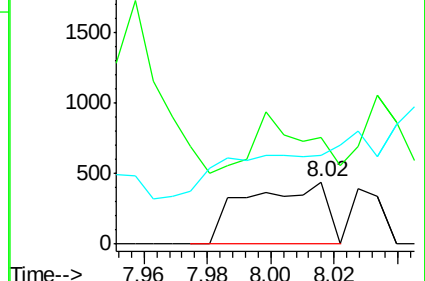
77 143.8 70.7 110.7#

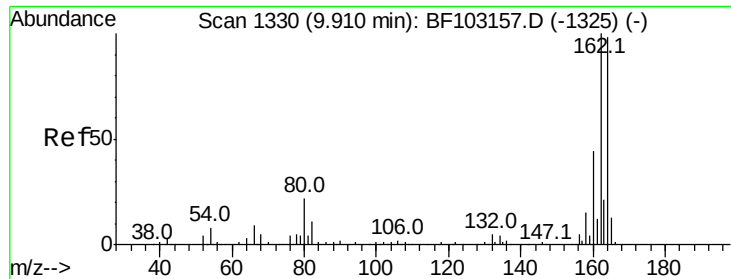


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

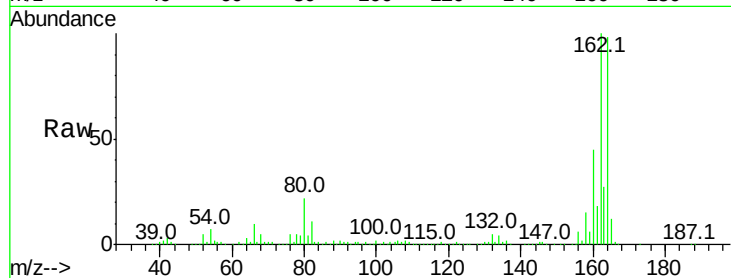




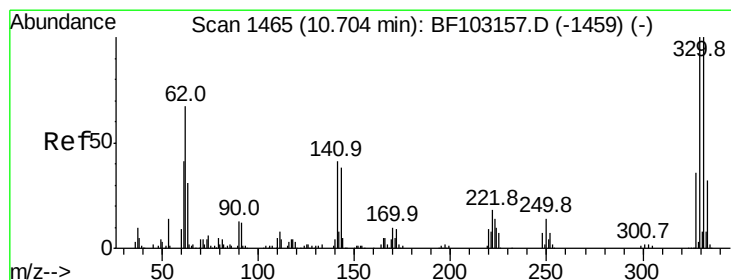
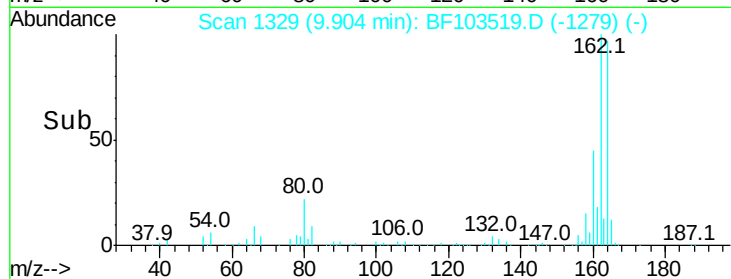
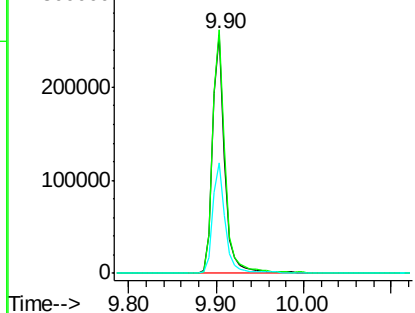
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103519.D
 Acq: 8 Mar 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 252047
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 46.2 38.3 57.5

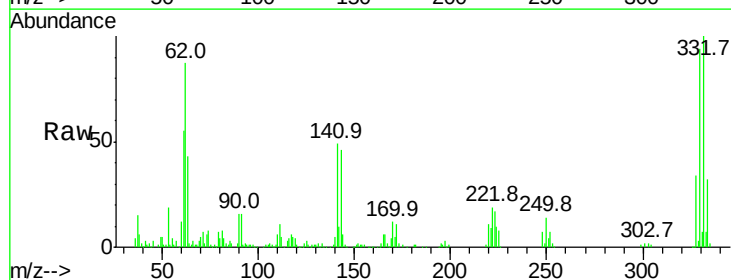


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

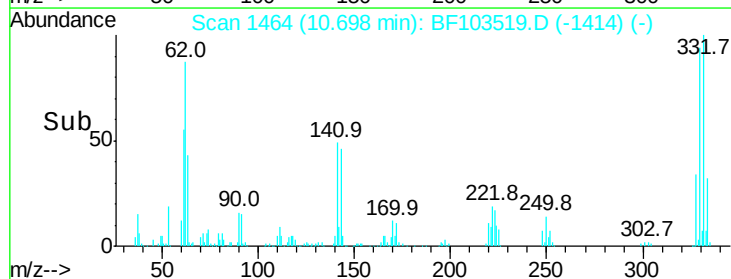
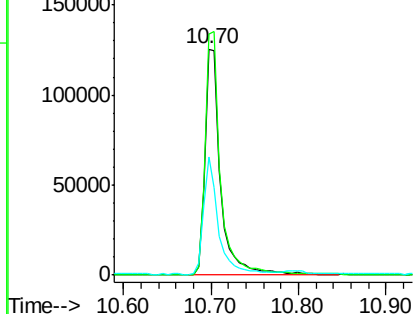


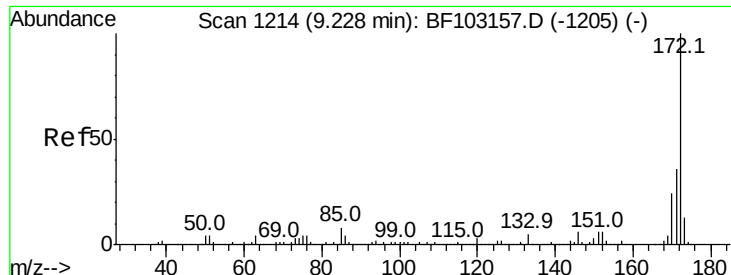
#41
 2,4,6-Tribromophenol
 Concen: 74.208 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103519.D
 Acq: 8 Mar 2018 16:28

Tgt Ion:330 Resp: 158318
 Ion Ratio Lower Upper
 330 100
 332 106.2 77.0 115.6
 141 48.3 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



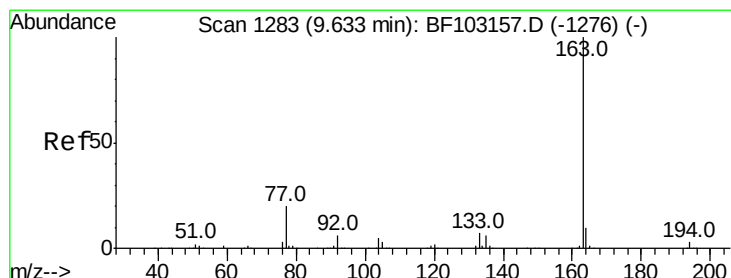
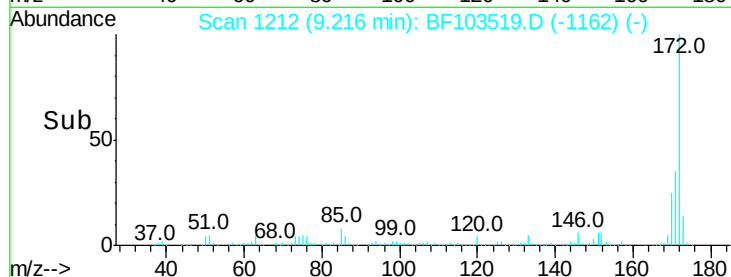
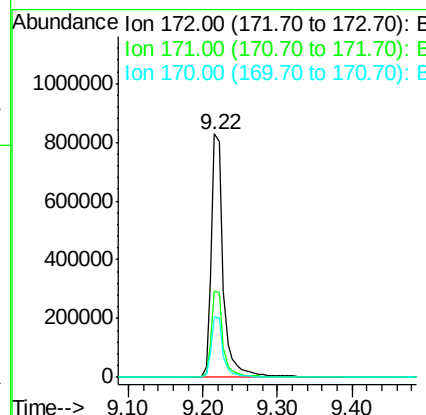
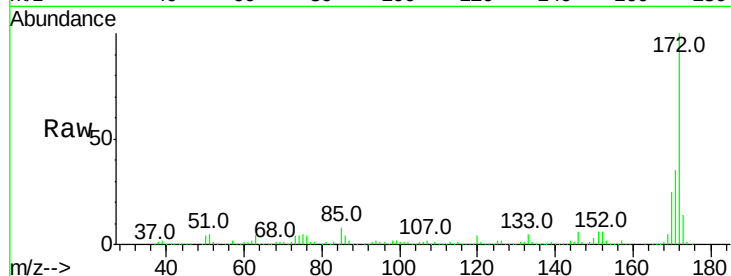


#44
 2-Fluorobiphenyl
 Concen: 59.917 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103519.D
 Acq: 8 Mar 2018 16:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 942197

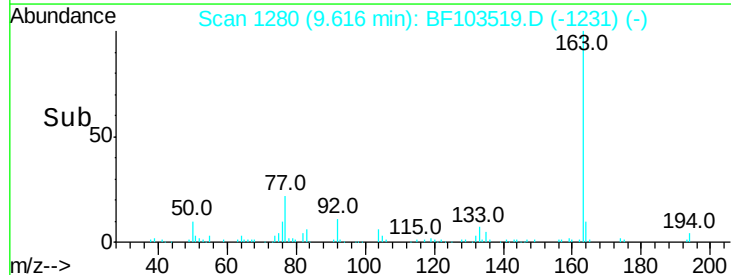
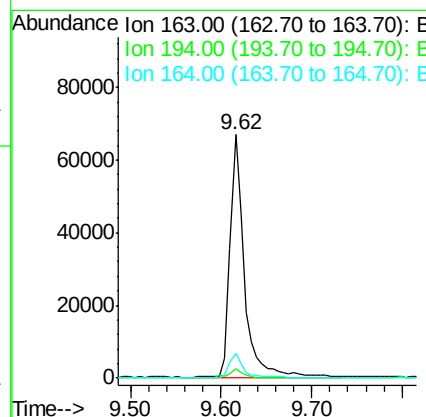
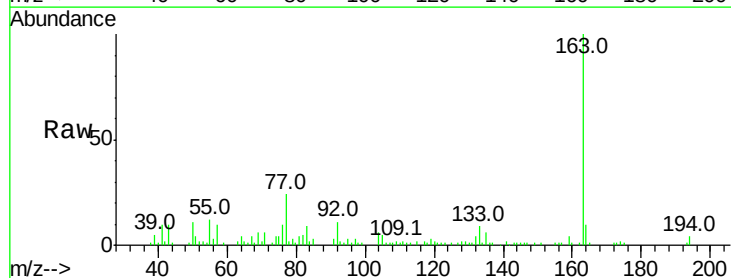
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.7	19.6	29.4

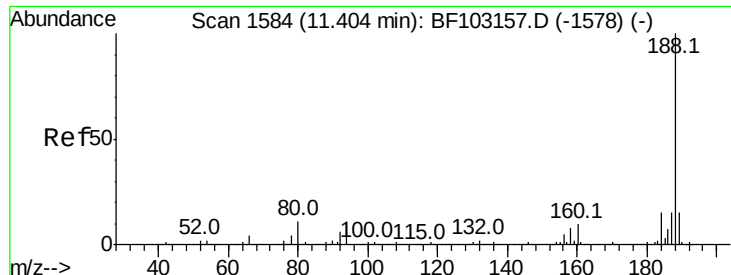


#49
 Dimethylphthalate
 Concen: 3.691 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF103519.D
 Acq: 8 Mar 2018 16:28

Tgt Ion:163 Resp: 74626

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

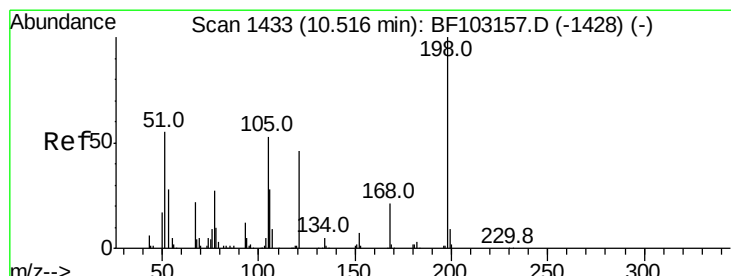
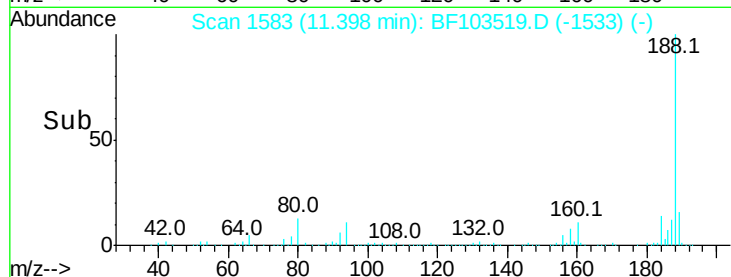
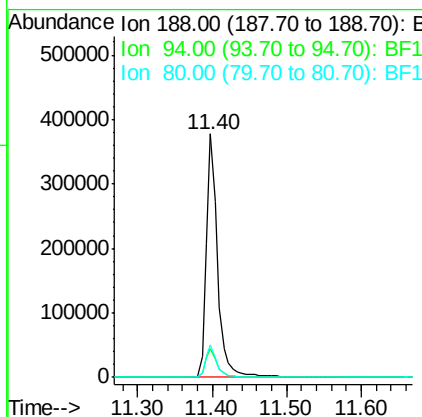
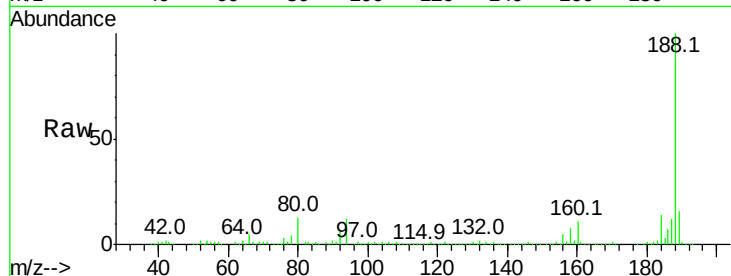




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103519.D
Acq: 8 Mar 2018 16:28

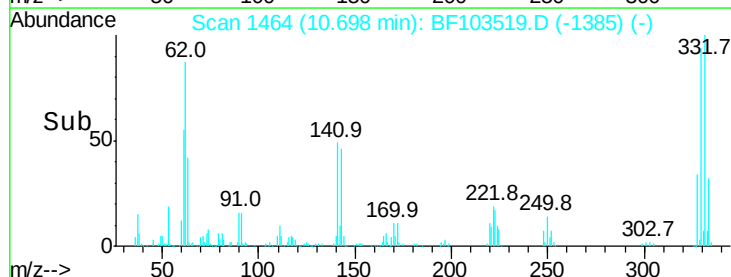
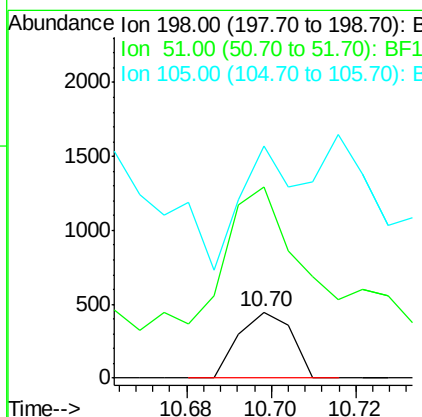
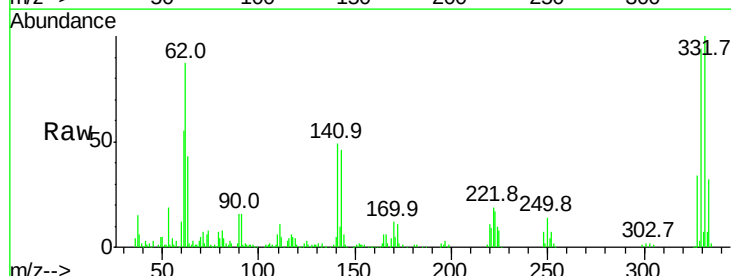
Instrument :
BNA_F
ClientSampleId :

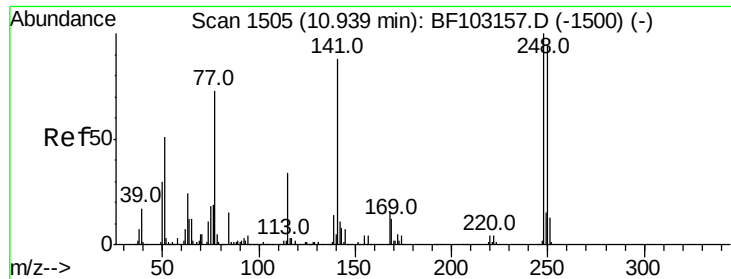
Tot Ion:188 Resp: 398923
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 13.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.089 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103519.D
Acq: 8 Mar 2018 16:28

Tgt Ion:198 Resp: 390
Ion Ratio Lower Upper
198 100
51 289.1 37.7 77.7#
105 349.9 36.3 76.3#

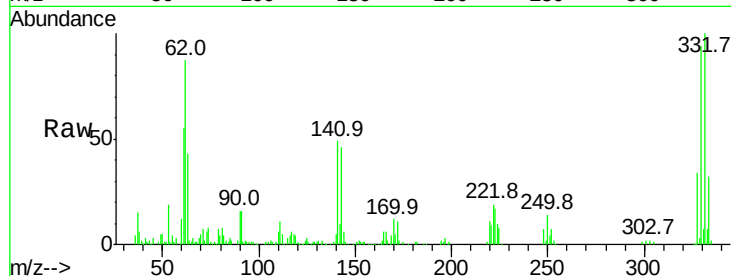




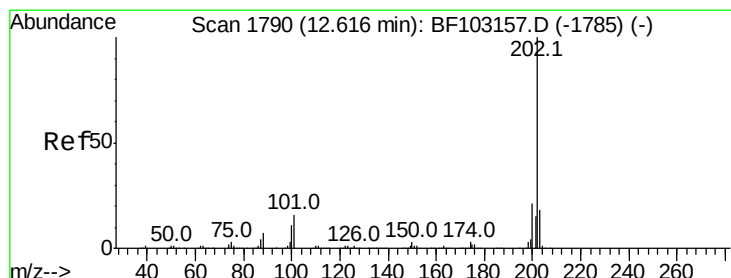
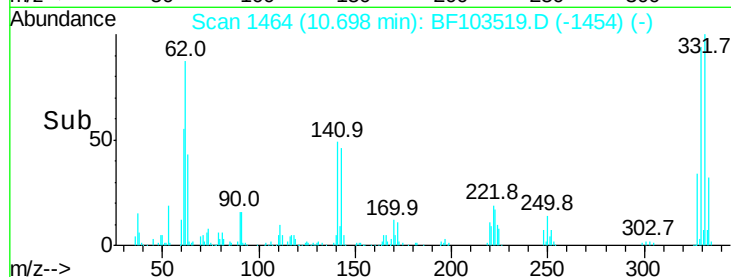
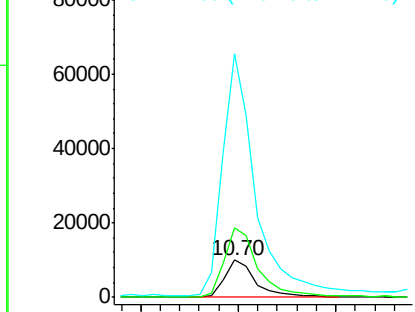
#66
4-Bromophenyl-phenylether
Concen: 2.676 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103519.D
Acq: 8 Mar 2018 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11122
Ion Ratio Lower Upper
248 100
250 186.4 76.9 115.3#
141 657.3 74.4 111.6#

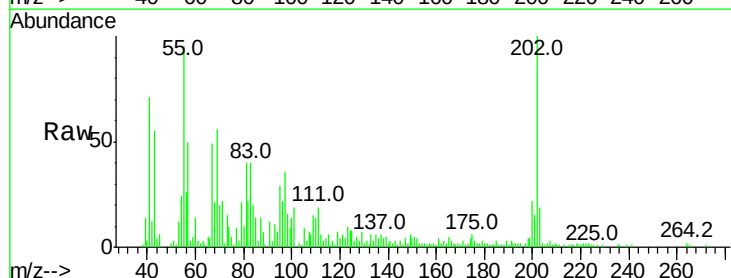


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

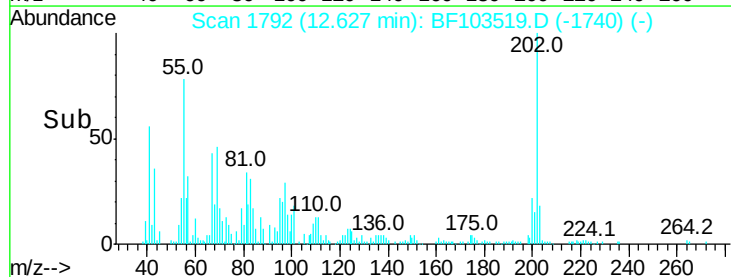
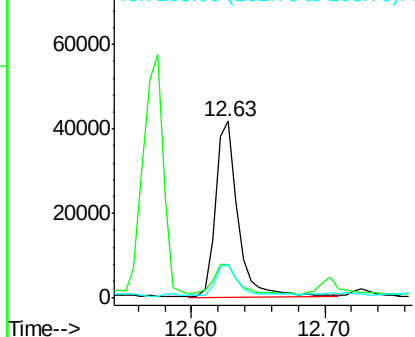


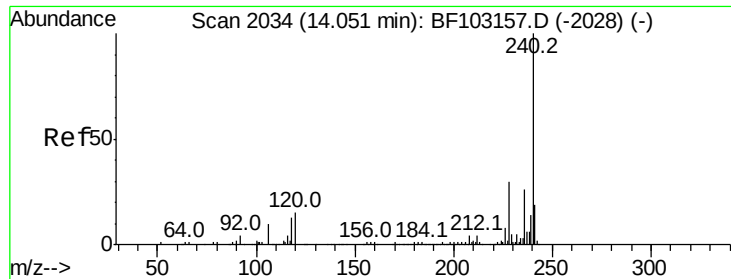
#74
Fluoranthene
Concen: 2.246 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103519.D
Acq: 8 Mar 2018 16:28

Tgt Ion:202 Resp: 49550
Ion Ratio Lower Upper
202 100
101 18.9 0.0 34.1
203 19.3 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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

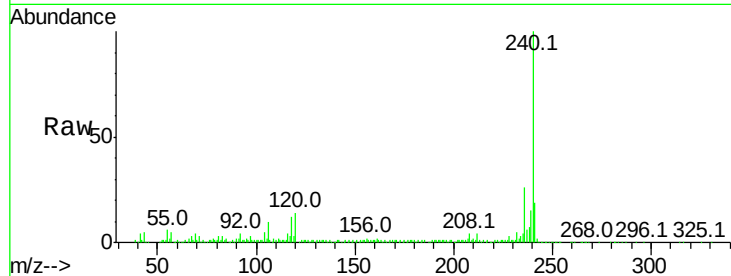
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 236030

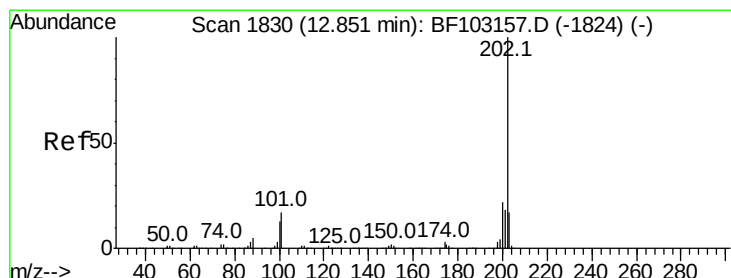
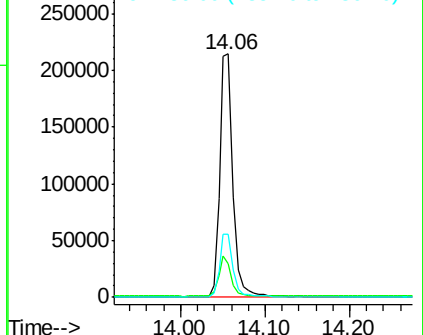
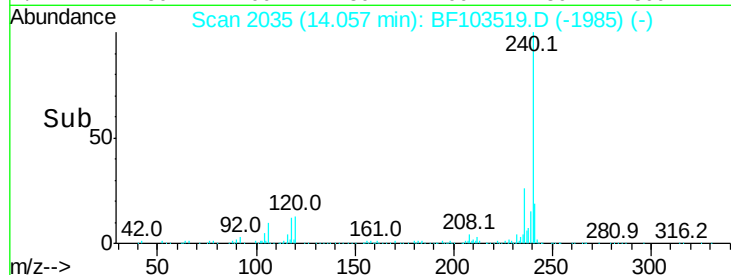
Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.1	20.7	31.1



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: 2.704 ng

RT: 12.86 min Scan# 1832

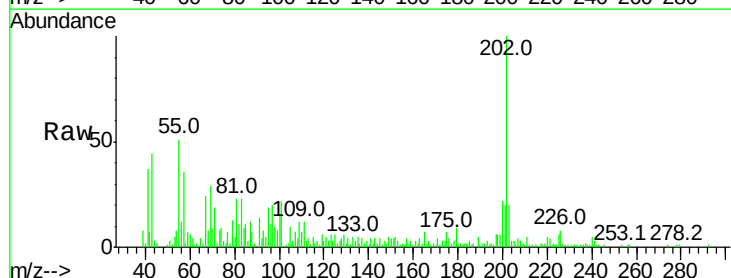
Delta R.T. 0.01 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

Tgt Ion:202 Resp: 49762

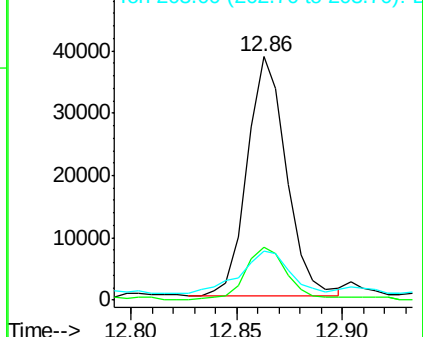
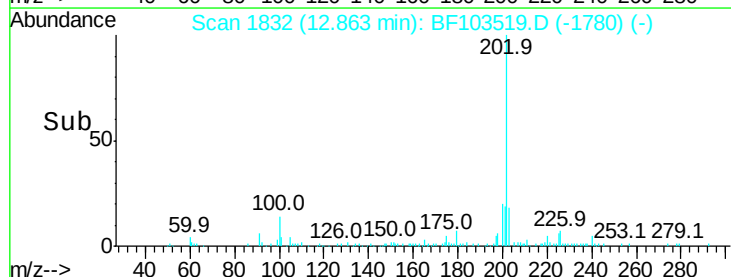
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	20.1	14.3	21.5

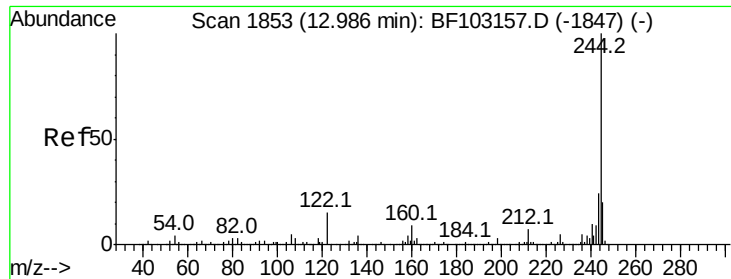


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.934 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

Instrument :

BNA_F

ClientSampleId :

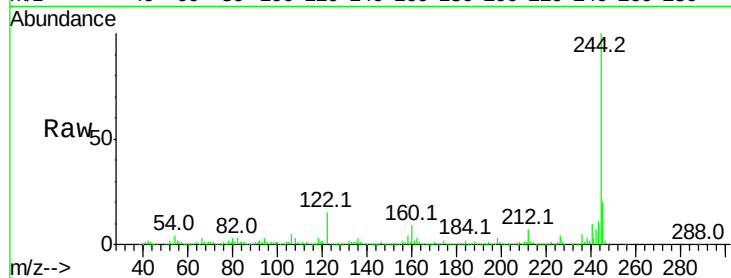
Tot Ion:244 Resp: 617931

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

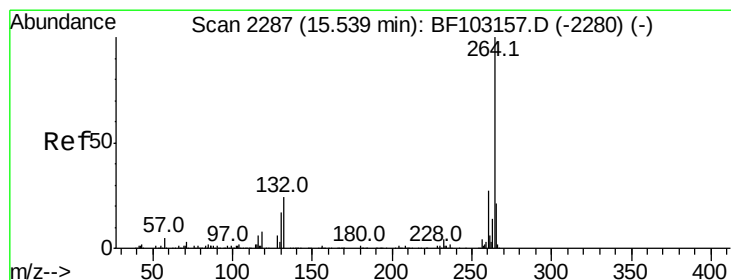
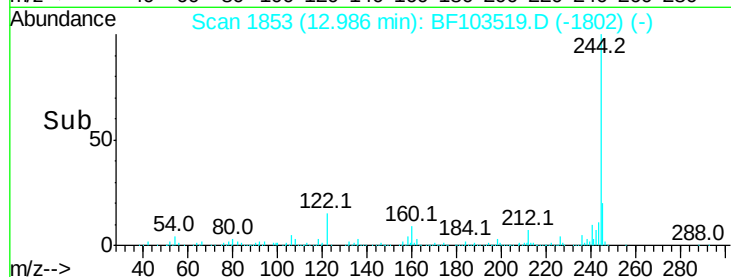
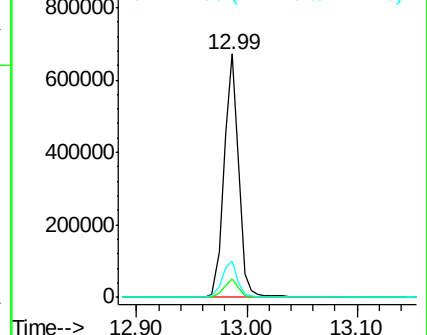
122 14.9 11.0 16.4



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# 2290

Delta R.T. -0.01 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

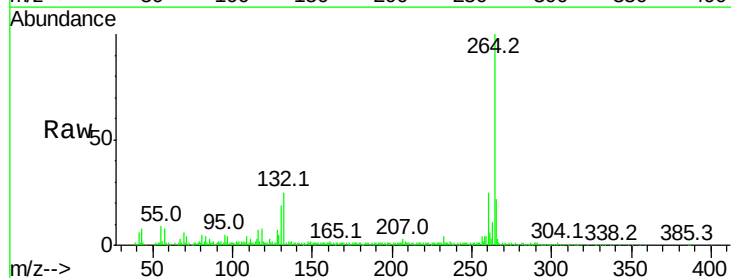
Tgt Ion:264 Resp: 215211

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

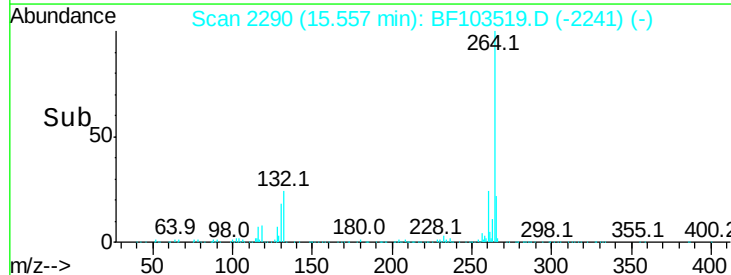
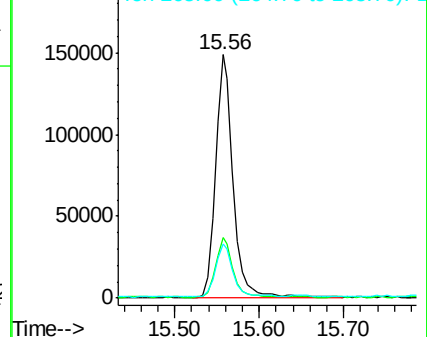
265 22.4 17.5 26.3

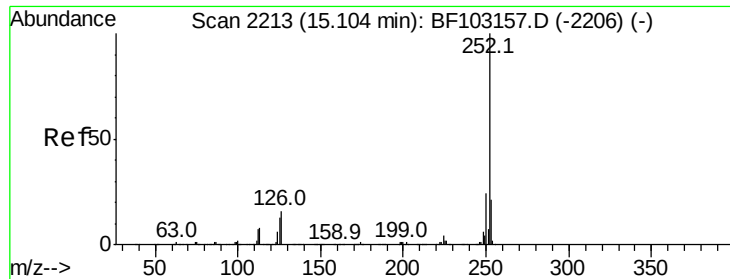


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.358 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.01 min

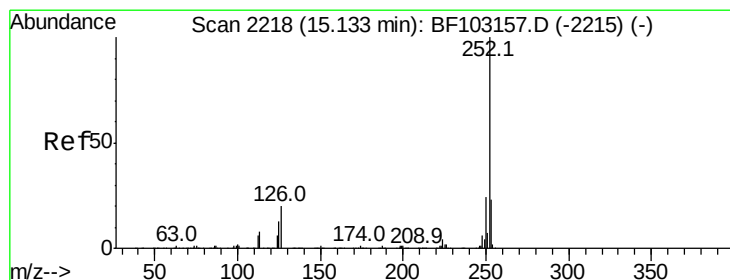
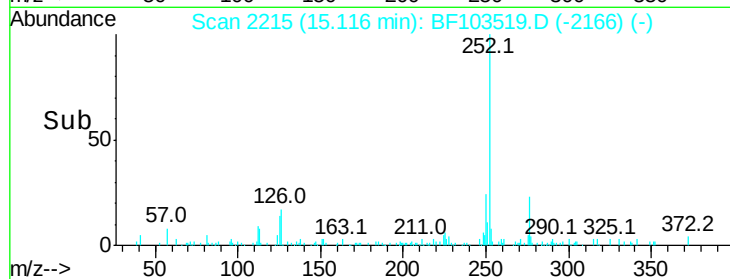
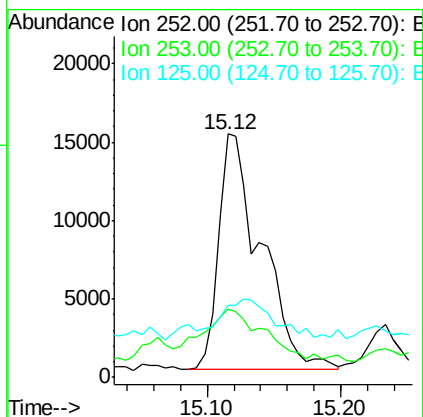
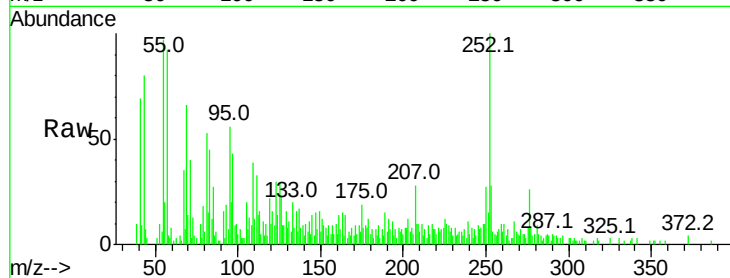
Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 33363

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.0	25.6#
125	29.4	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 2.504 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.04 min

Lab File: BF103519.D

Acq: 8 Mar 2018 16:28

Tgt Ion:252 Resp: 33363

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.9	26.9#
125	29.4	10.2	15.2#

