

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103883.D
 Acq On : 23 Mar 2018 16:33
 Operator : JU/SJ
 Sample : J1748-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 18:13:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132948	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	523591	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	206049	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	313752	20.00	ng	0.00
75) Chrysene-d12	14.19	240	270735	20.00	ng	0.02
86) Perylene-d12	15.77	264	202640	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	854158	97.72	ng	0.01
7) Phenol-d6	6.60	99	1026004	95.94	ng	0.00
23) Nitrobenzene-d5	7.53	82	594847	79.23	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	189670	107.06	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	963729	74.61	ng	0.00
78) Terphenyl-d14	13.10	244	734726	62.99	ng	0.00

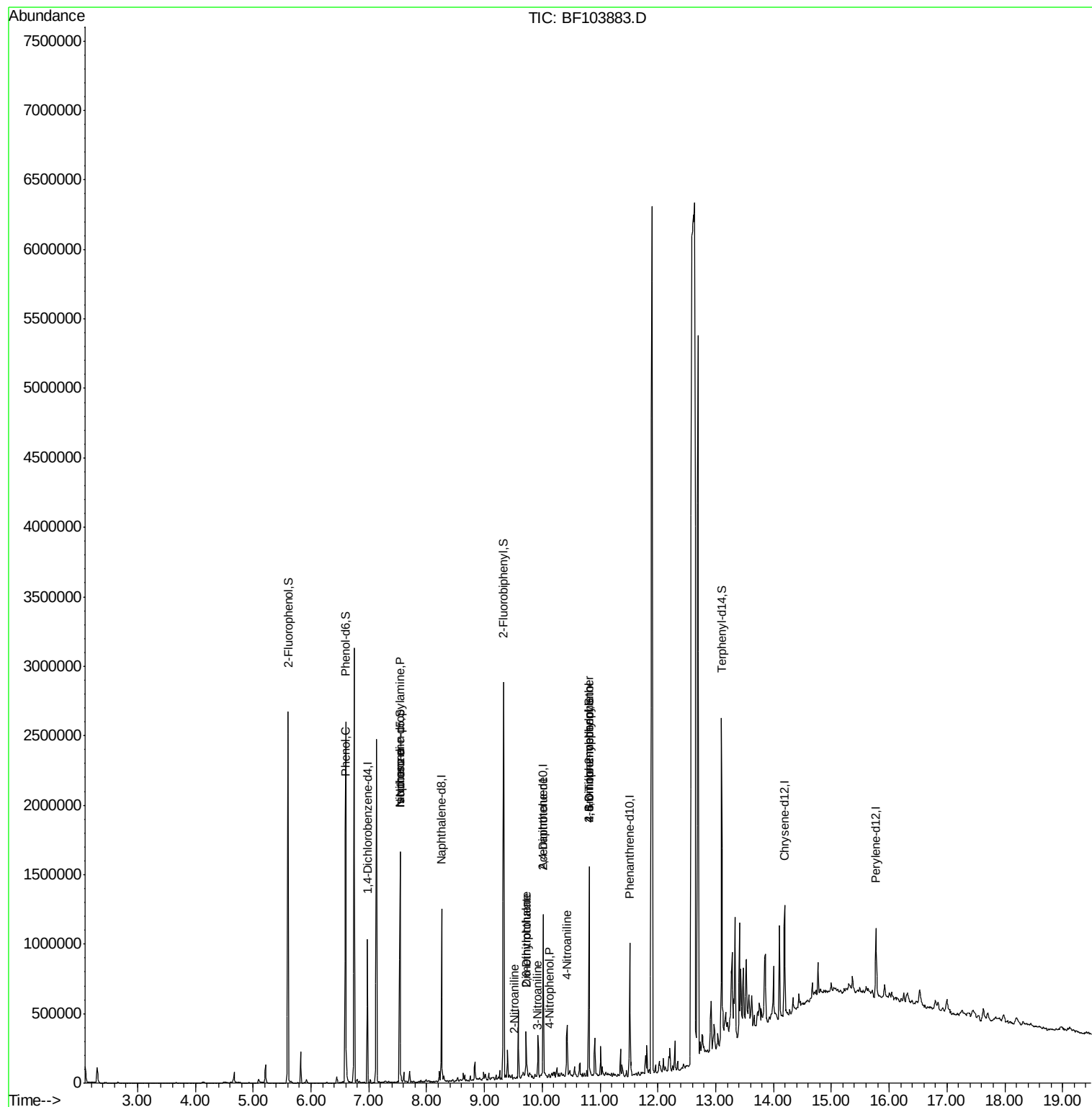
Target Compounds				Qvalue		
10) Phenol	6.61	94	24244	2.134	ng	98
19) n-Nitroso-di-n-propylamine	7.53	70	79580	11.612	ng	# 73
25) Isophorone	7.53	82	594833	34.223	ng	# 64
47) 2-Nitroaniline	9.53	65	598	6.958	ng	# 2
49) Dimethylphthalate	9.72	163	95071	6.048	ng	98
50) 2,6-Dinitrotoluene	9.72	165	1631	4.476	ng	# 41
52) 3-Nitroaniline	9.91	138	117	3.844	ng	# 81
55) 4-Nitrophenol	10.12	139	694	5.196	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	28059	12.554	ng	# 23
61) 4-Nitroaniline	10.42	138	3779	4.743	ng	# 39
64) 4,6-Dinitro-2-methylphenol	10.81	198	271	8.375	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	11471	3.561	ng	# 1

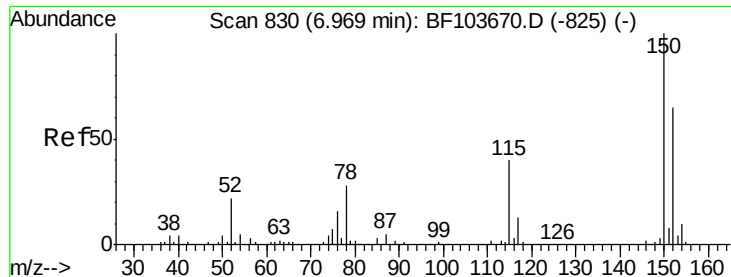
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
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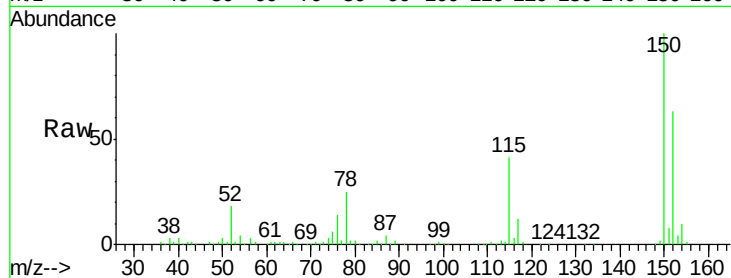


#1

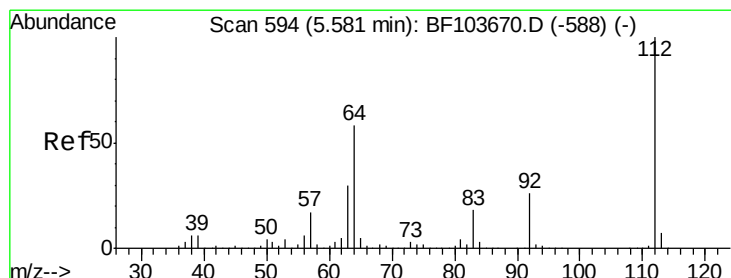
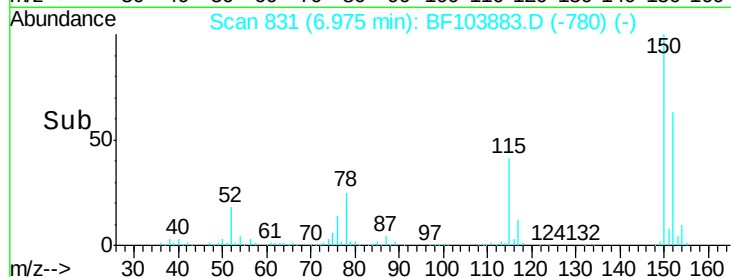
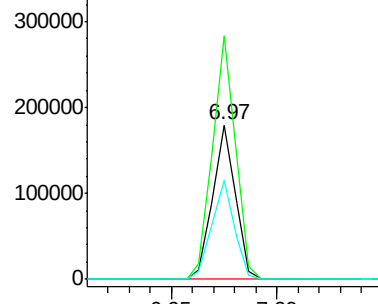
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132948
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 63.9 50.1 75.1



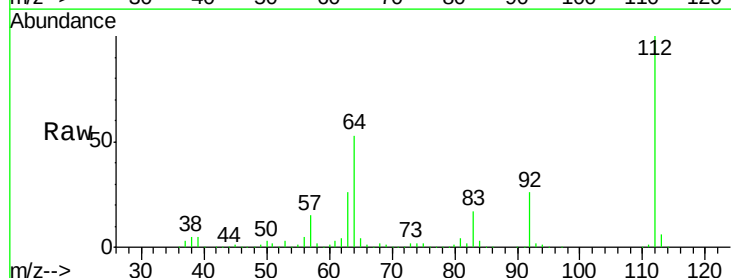
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



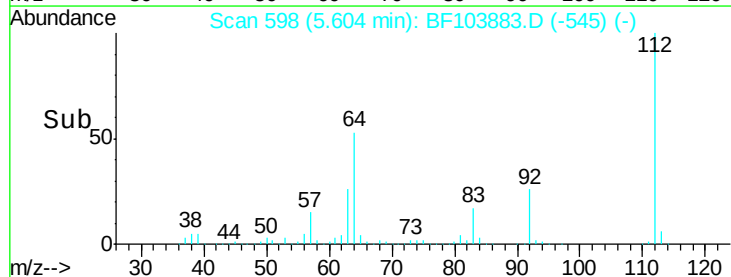
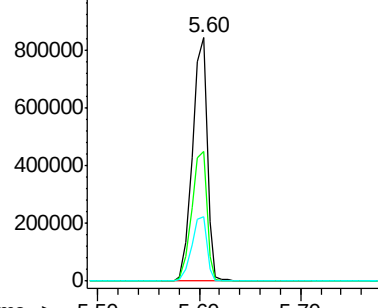
#5

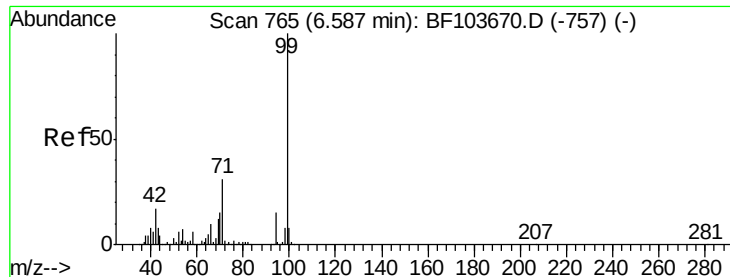
2-Fluorophenol
Concen: 97.720 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Tgt Ion:112 Resp: 854158
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 26.5 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: 95.944 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103883.D

Acq: 23 Mar 2018 16:33

Instrument :

BNA_F

ClientSampled :

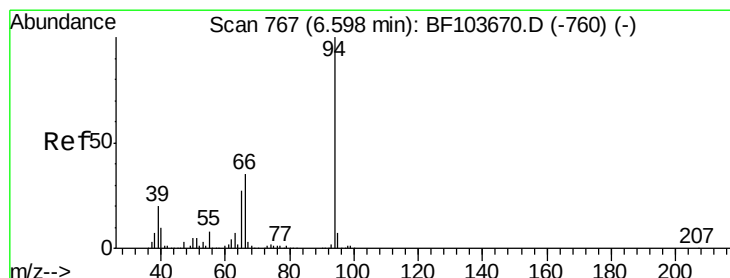
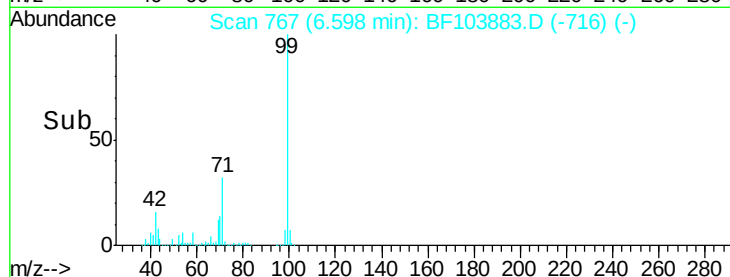
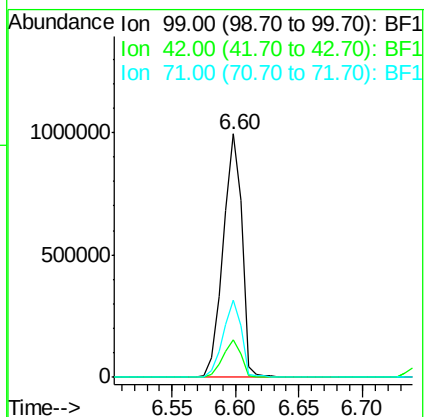
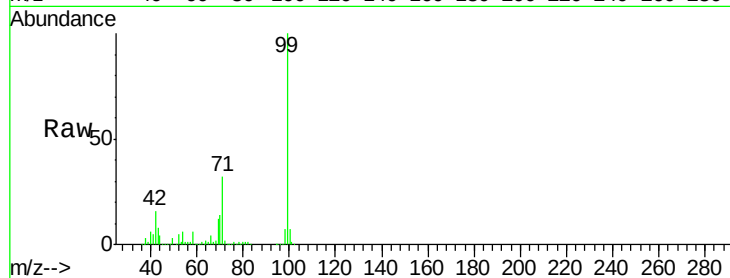
Tot Ion: 99 Resp: 1026004

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 31.8 25.4 38.0



#10

Phenol

Concen: 2.134 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103883.D

Acq: 23 Mar 2018 16:33

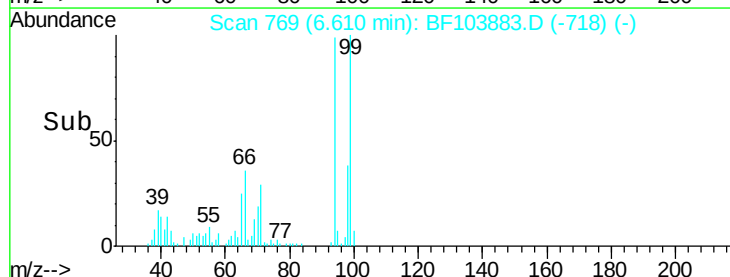
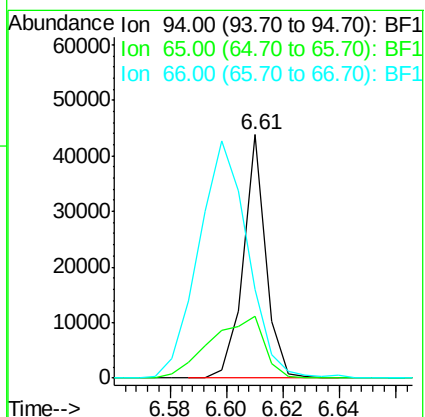
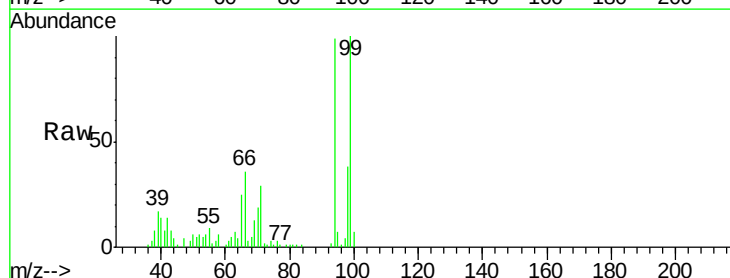
Tgt Ion: 94 Resp: 24244

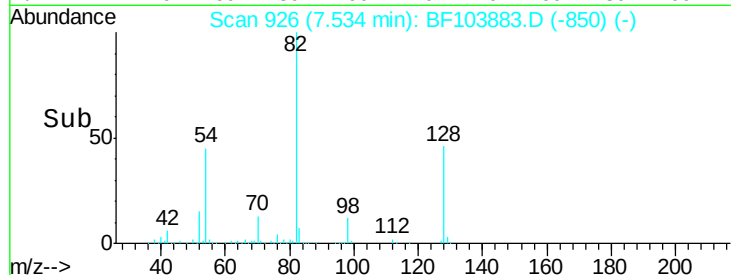
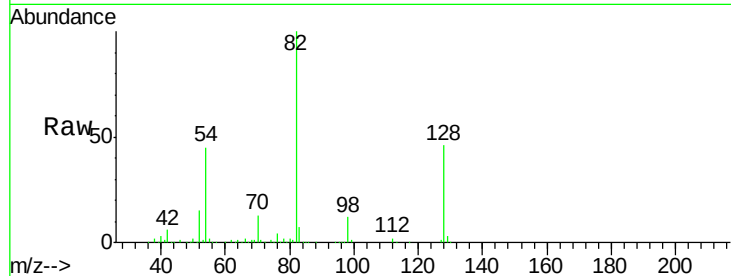
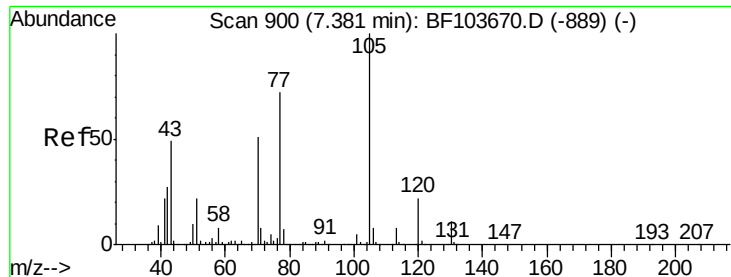
Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

66 36.7 16.2 56.2

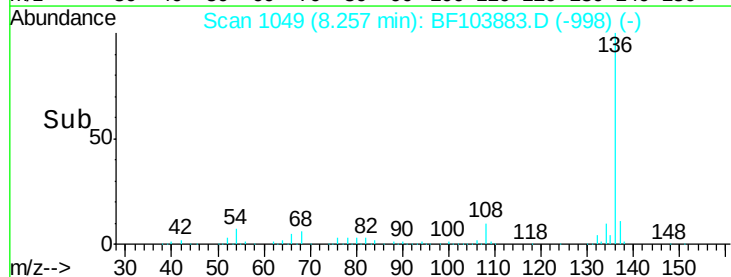
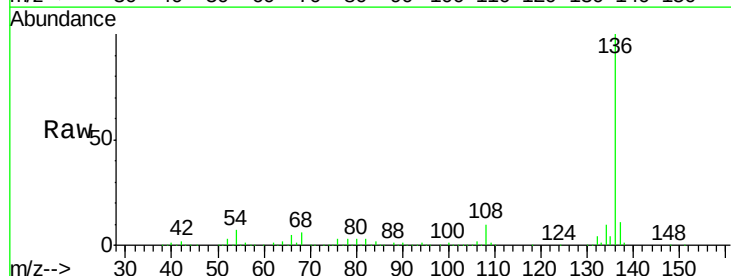
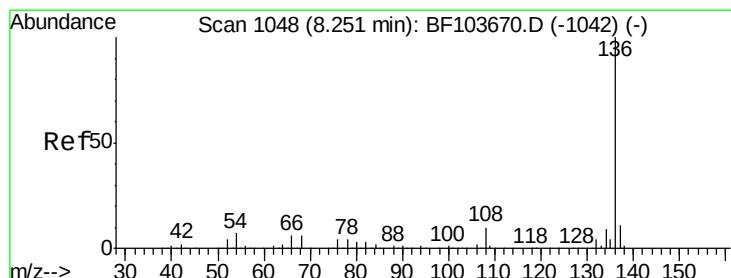
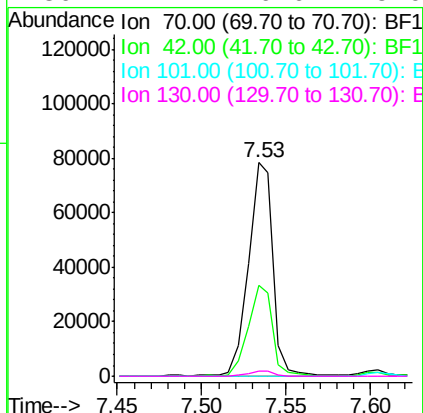




#19
n-Nitroso-di-n-propylamine
Concen: 11.612 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

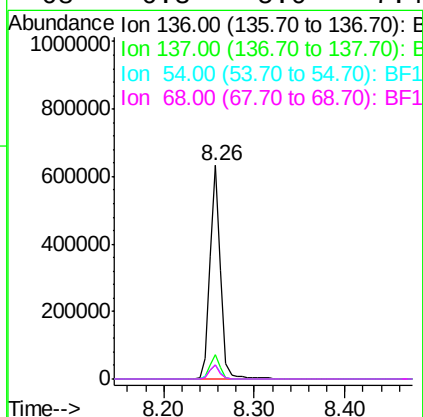
Instrument :
BNA_F
ClientSampleId :

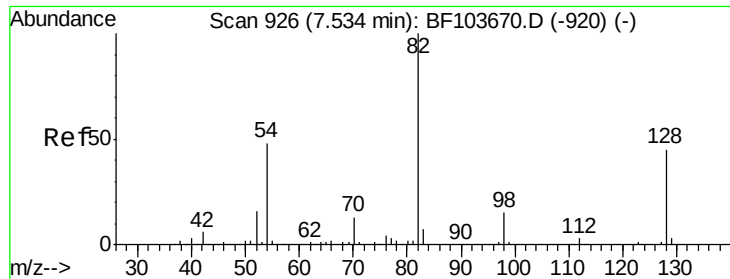
Tot Ion	70	Resp	79580
Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Tgt Ion	136	Resp	523591
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.9	6.6	9.8
68	6.3	5.0	7.4

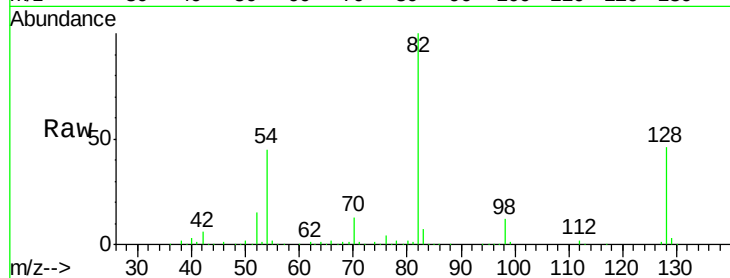




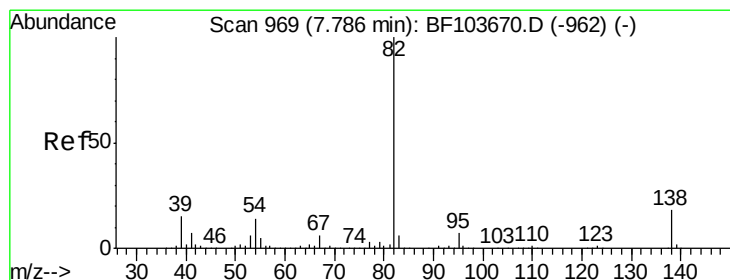
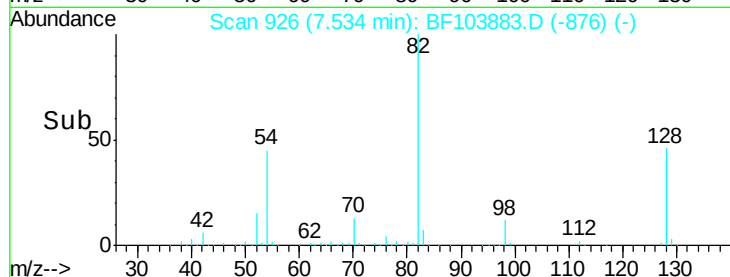
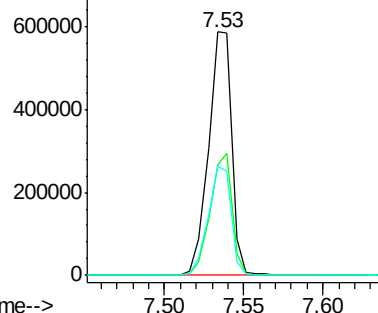
#23
Nitrobenzene-d5
Concen: 79.226 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	594847
Ion Ratio	100	Lower	Upper
128	45.5	36.1	54.1
54	45.1	41.4	62.2

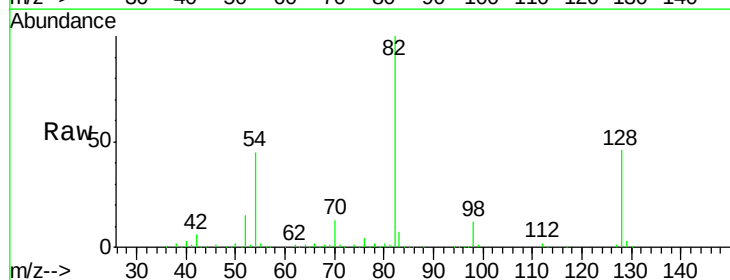


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

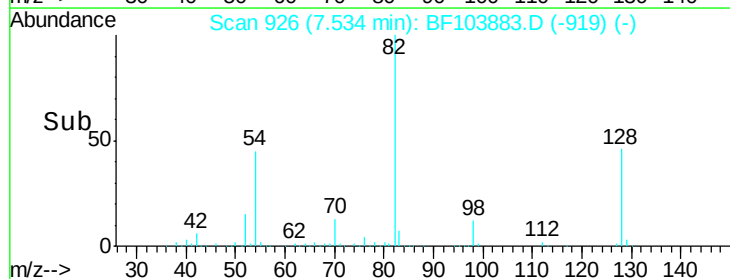
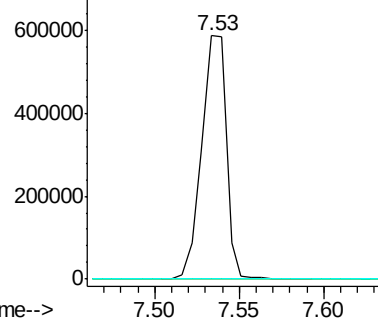


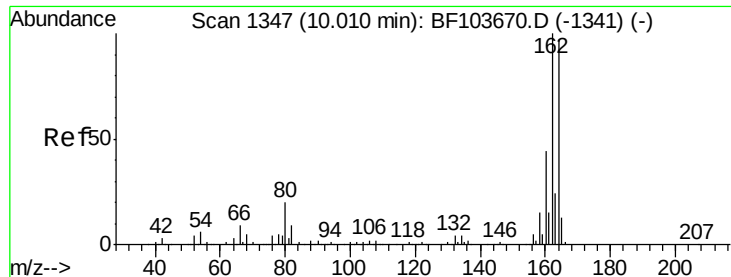
#25
Isophorone
Concen: 34.223 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Tgt Ion	82	Resp	594833
Ion Ratio	100	Lower	Upper
95	0.1	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

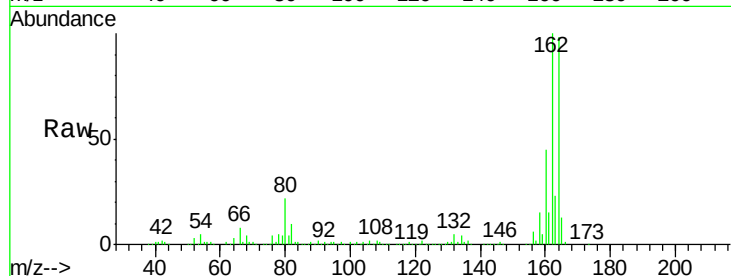




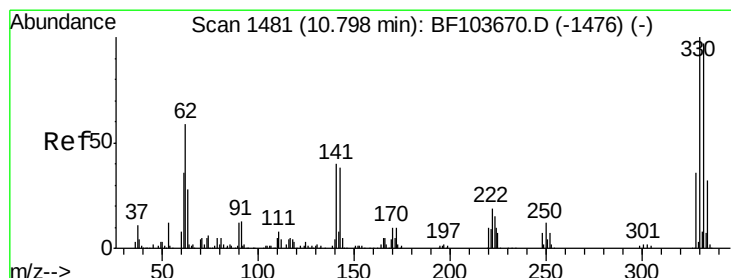
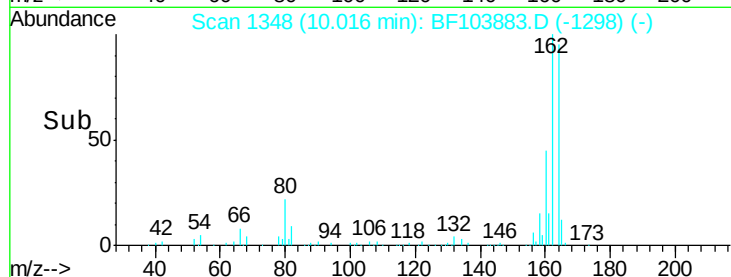
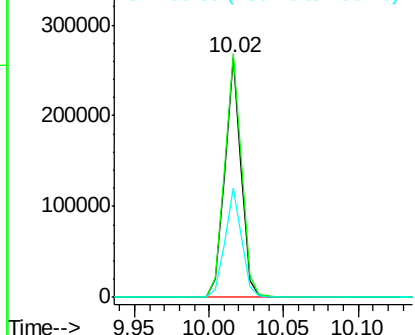
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 206049
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 45.7 38.3 57.5

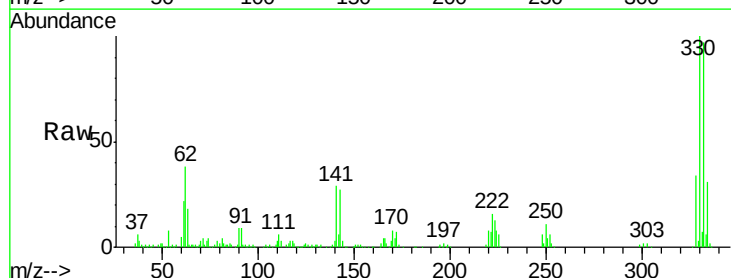


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

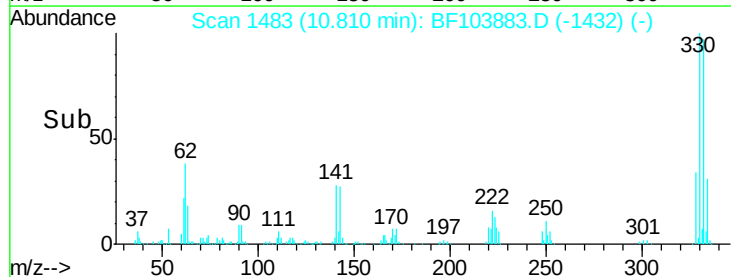
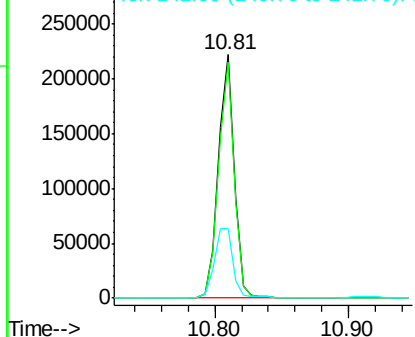


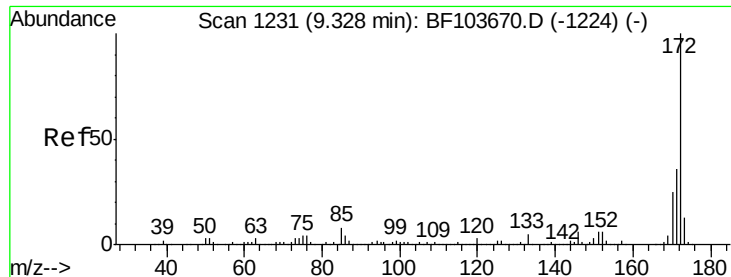
#41
2,4,6-Tribromophenol
Concen: 107.060 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Tgt Ion:330 Resp: 189670
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 32.7 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

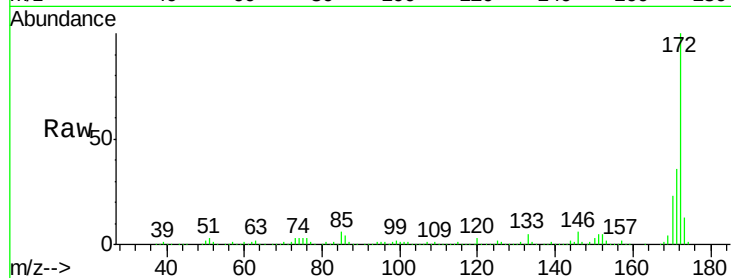




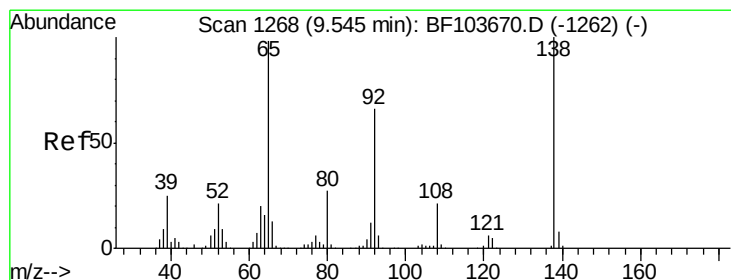
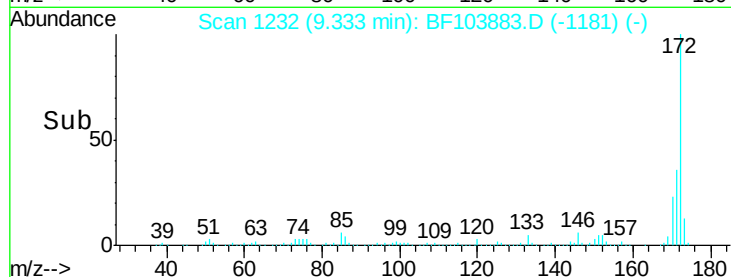
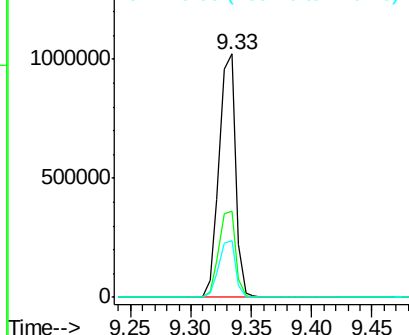
#44
2-Fluorobiphenyl
Concen: 74.608 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 963729
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.5 19.6 29.4

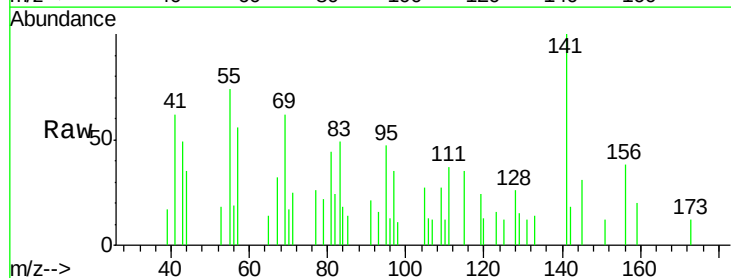


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

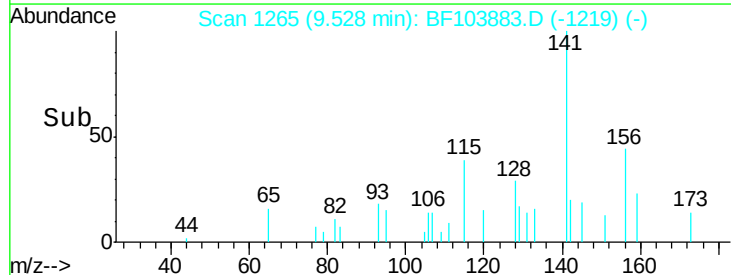
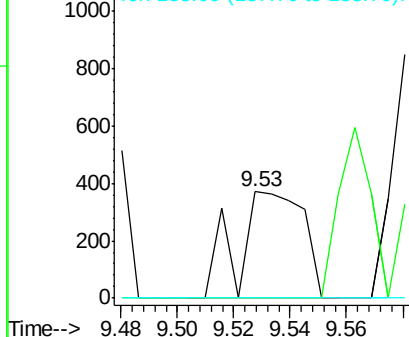


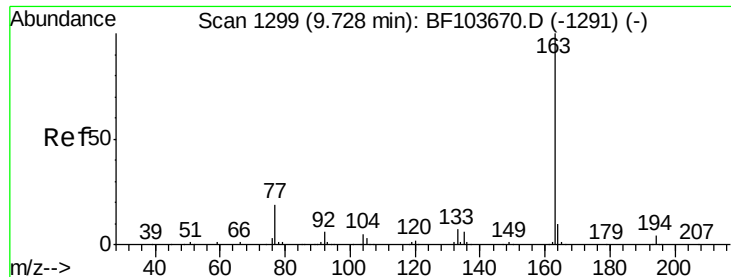
#47
2-Nitroaniline
Concen: 6.958 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Tgt Ion: 65 Resp: 598
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

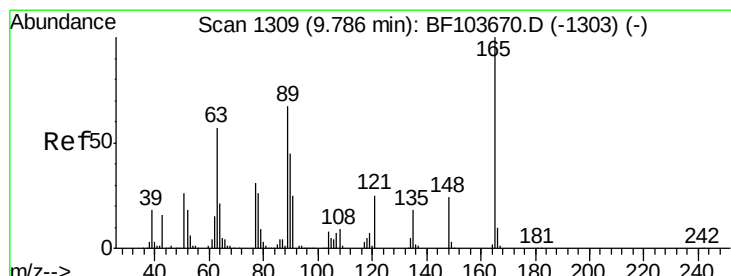
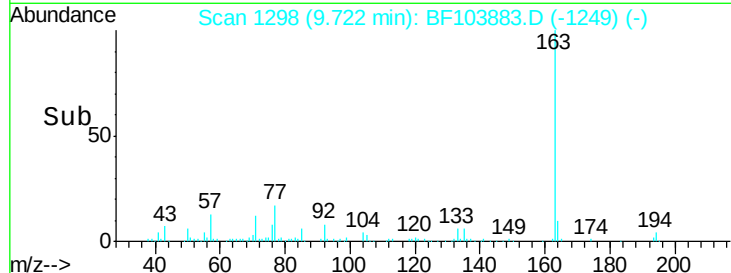
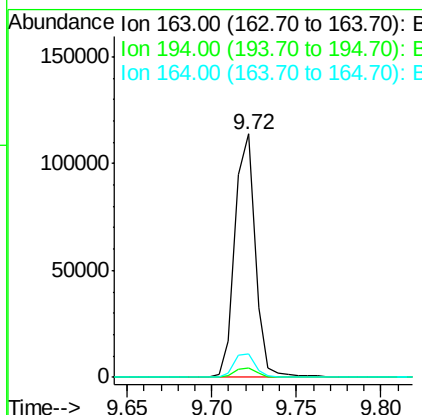
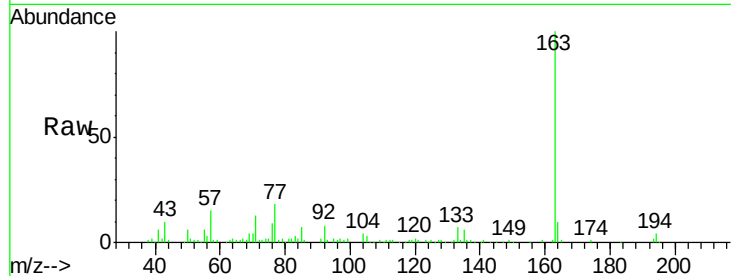




#49
Dimethylphthalate
Concen: 6.048 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

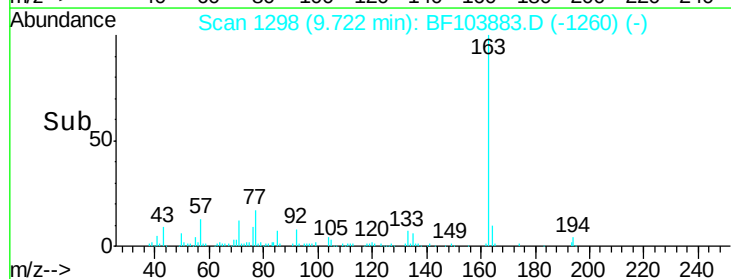
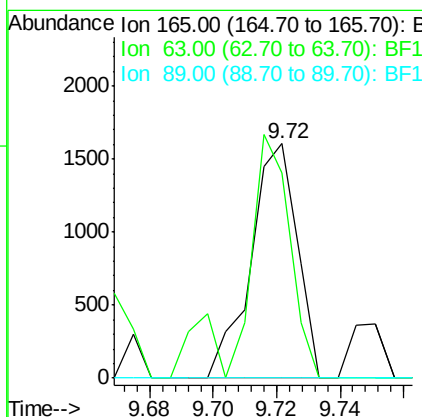
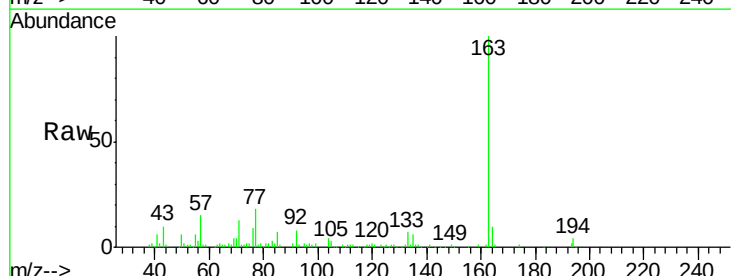
Instrument :
BNA_F
ClientSampleId :

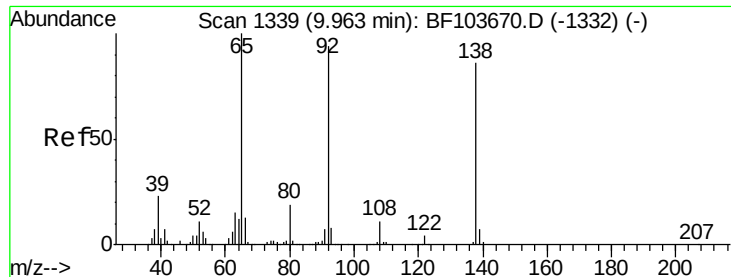
Tot Ion:163	Resp:	95071
Ion Ratio	Lower	Upper
163	100	
194	4.0	2.7 4.1
164	9.6	8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 4.476 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.08 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Tgt Ion:165	Resp:	1631
Ion Ratio	Lower	Upper
165	100	
63	87.3	44.7 67.1#
89	0.0	44.0 66.0#

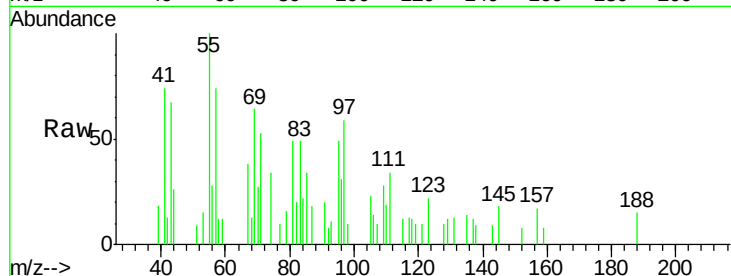




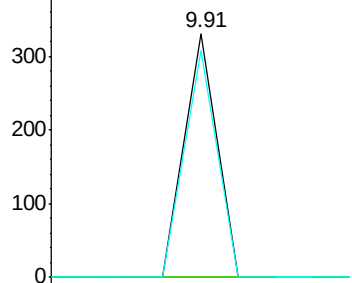
#52
3-Nitroaniline
Concen: 3.844 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.06 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

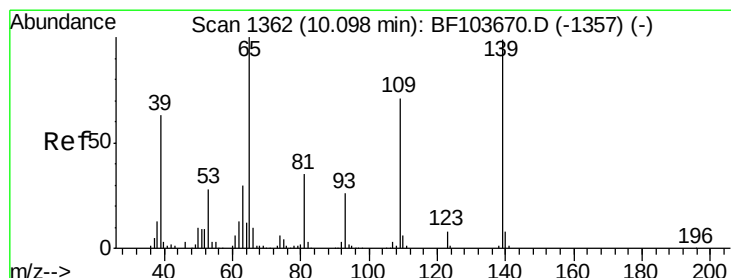
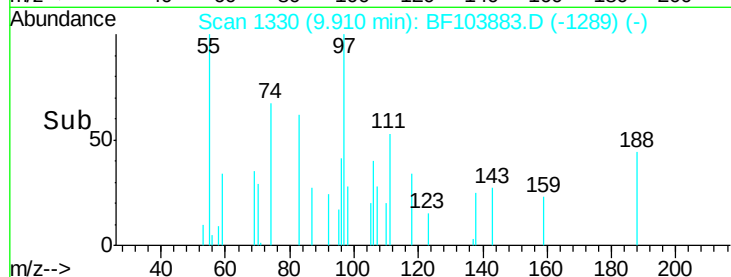
Tot Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 93.4 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

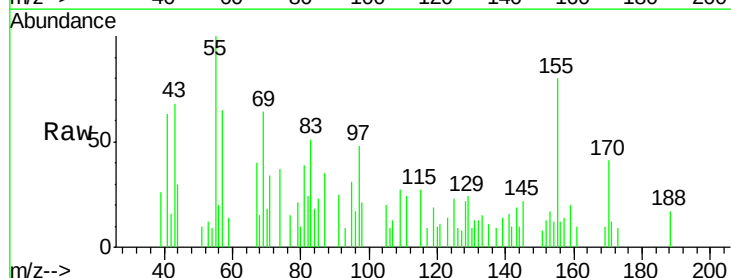


Time--> 9.89 9.90 9.91 9.92 9.93

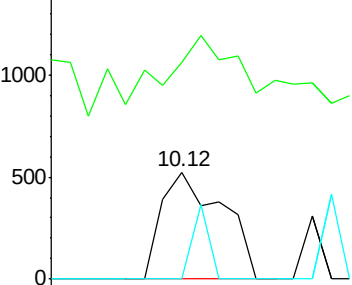


#55
4-Nitrophenol
Concen: 5.196 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

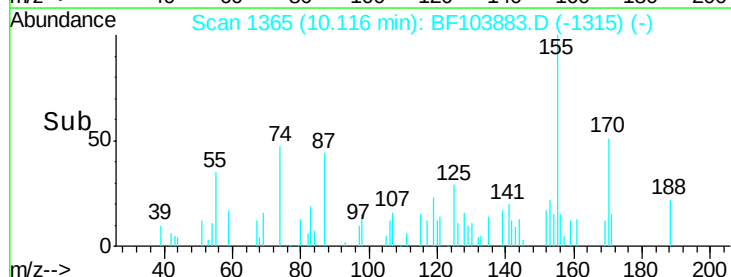
Tgt Ion:139 Resp: 694
Ion Ratio Lower Upper
139 100
109 203.1 48.4 88.4#
65 0.0 72.6 112.6#

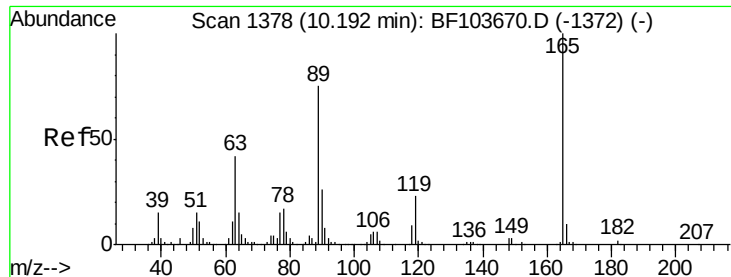


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



Time--> 10.10 10.12 10.15

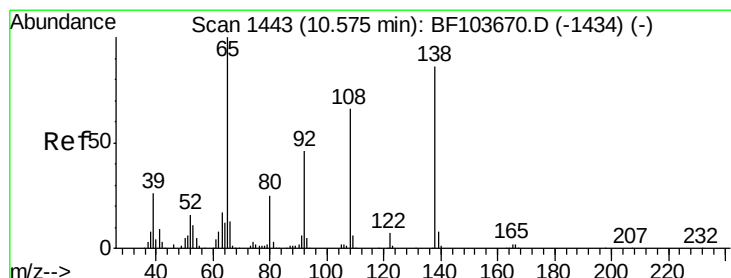
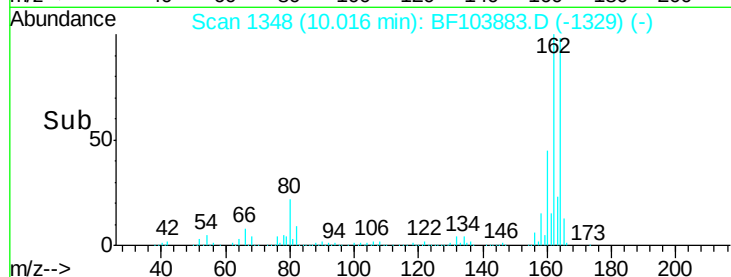
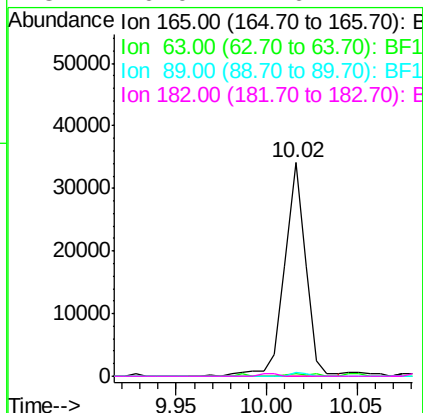
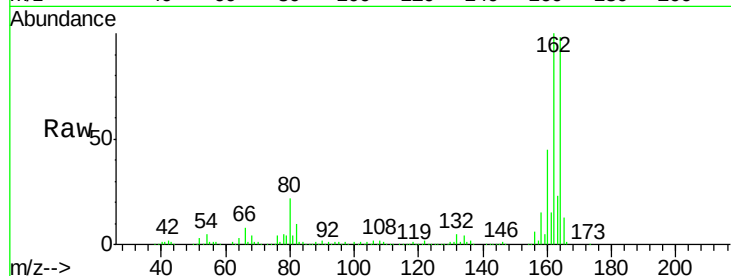




#56
 2,4-Dinitrotoluene
 Concen: 12.554 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103883.D
 Acq: 23 Mar 2018 16:33

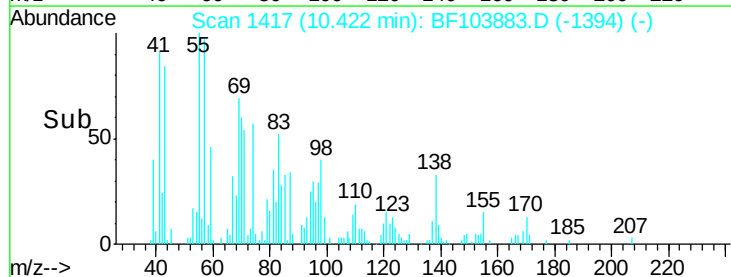
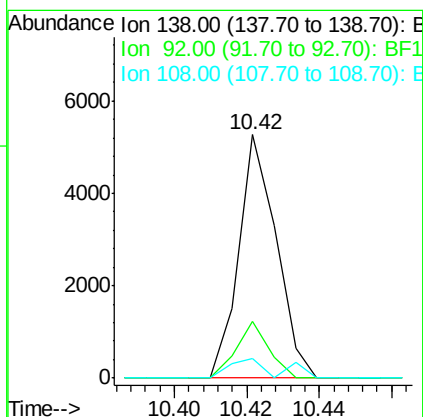
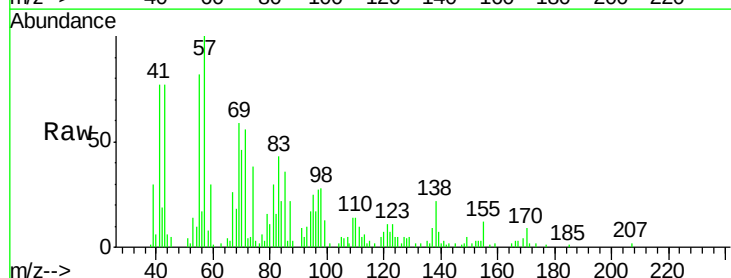
Instrument :
 BNA_F
 ClientSampled :

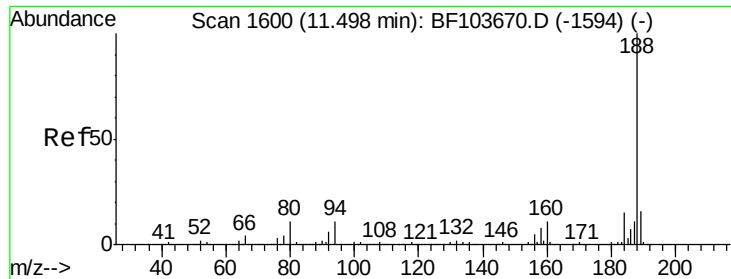
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#61
 4-Nitroaniline
 Concen: 4.743 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.16 min
 Lab File: BF103883.D
 Acq: 23 Mar 2018 16:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	23.3	30.2	70.2#
108	8.1	52.5	92.5#

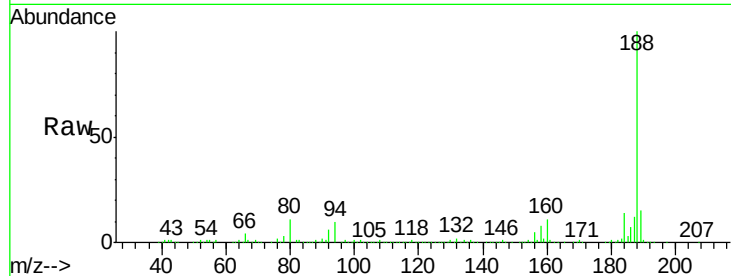




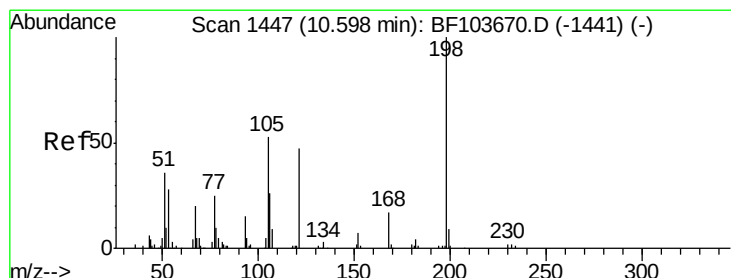
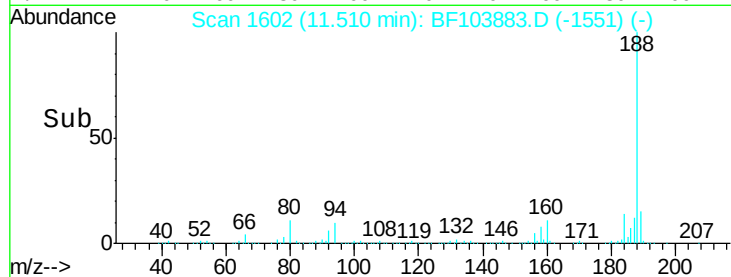
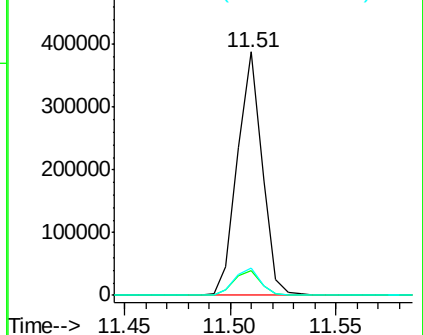
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103883.D
 Acq: 23 Mar 2018 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 313752
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.3 9.2 13.8

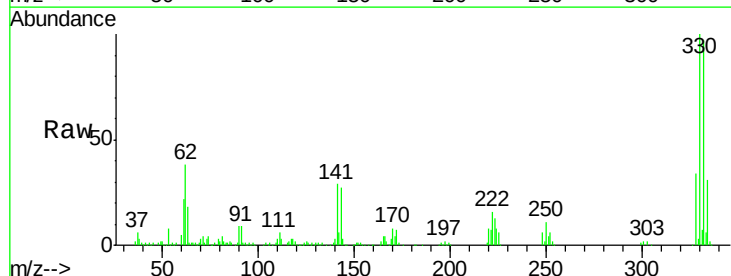


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

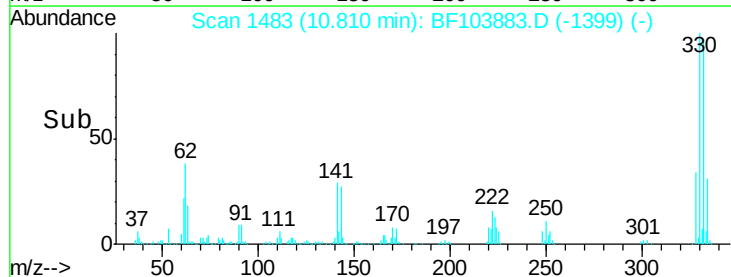
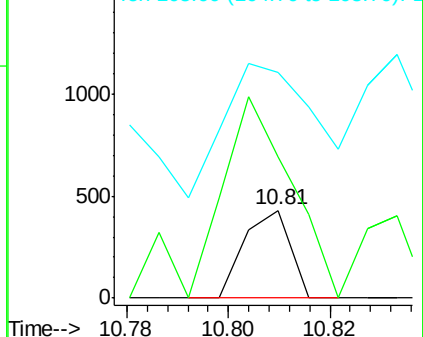


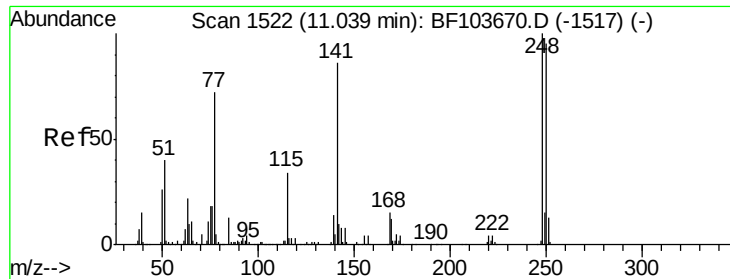
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.375 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF103883.D
 Acq: 23 Mar 2018 16:33

Tgt Ion:198 Resp: 271
 Ion Ratio Lower Upper
 198 100
 51 161.1 37.7 77.7#
 105 256.7 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

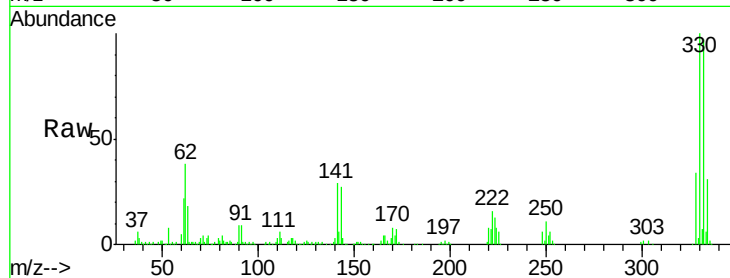




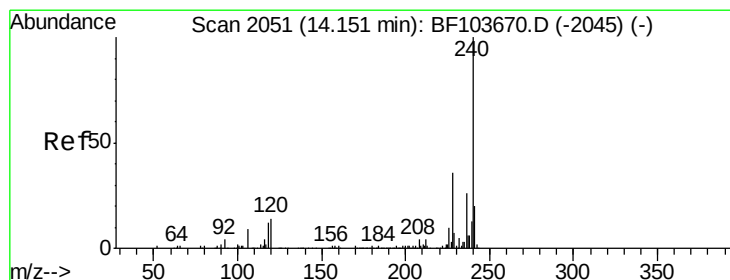
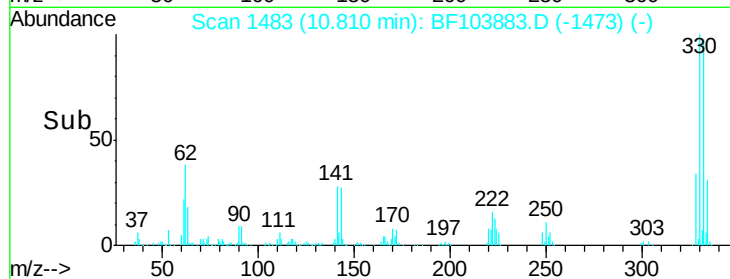
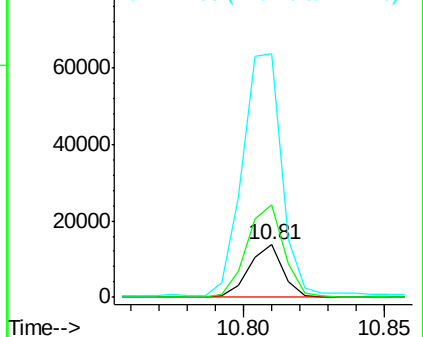
#66
4-Bromophenyl-phenylether
Concen: 3.561 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11471
Ion Ratio Lower Upper
248 100
250 175.2 76.9 115.3#
141 462.8 74.4 111.6#

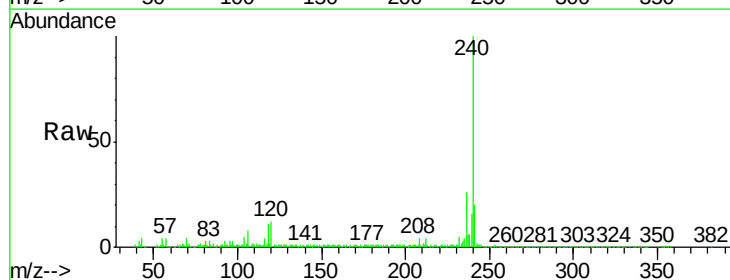


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

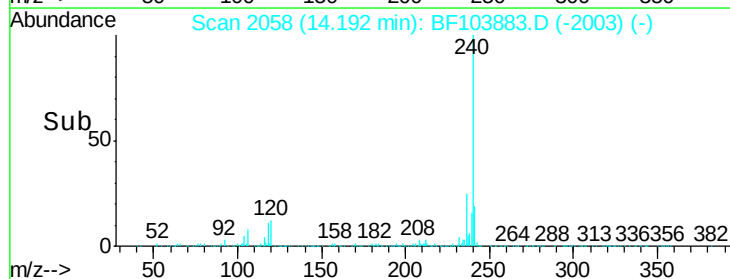
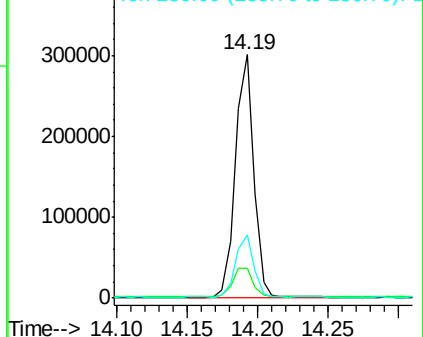


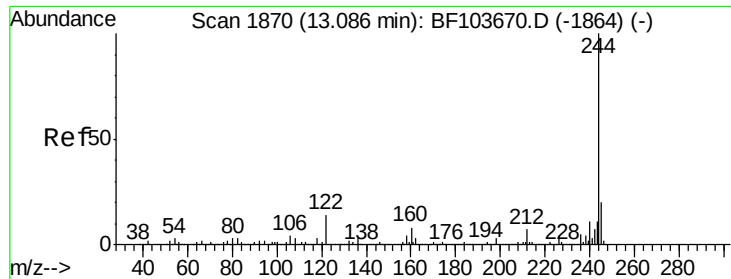
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.02 min
Lab File: BF103883.D
Acq: 23 Mar 2018 16:33

Tgt Ion:240 Resp: 270735
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.7 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





#78

Terphenyl-d14

Concen: 62.992 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF103883.D

Acq: 23 Mar 2018 16:33

Instrument :

BNA_F

ClientSampled :

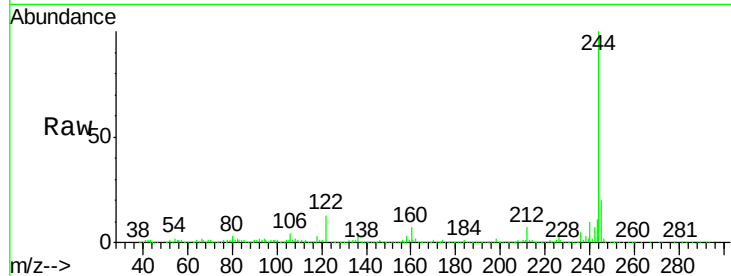
Tot Ion:244 Resp: 734726

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

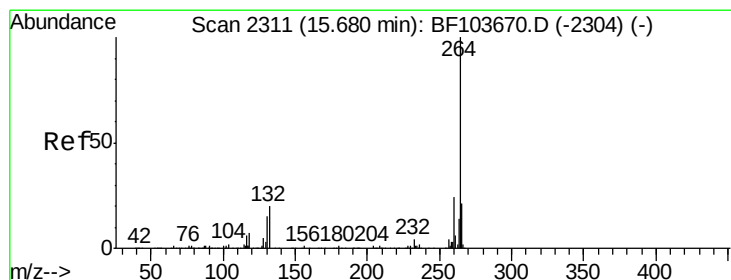
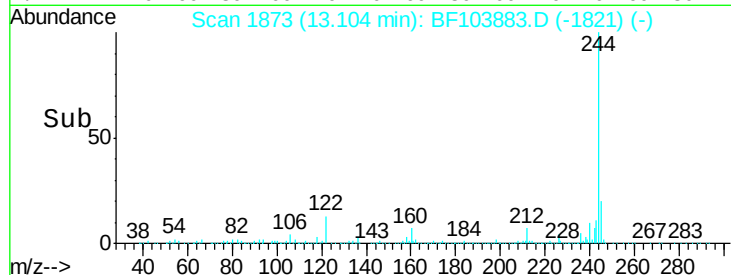
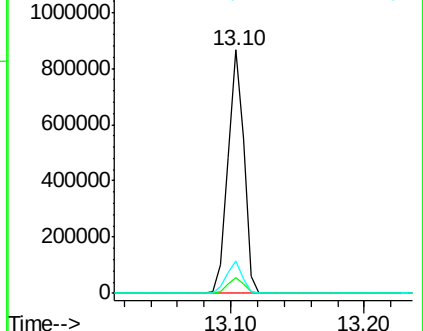
122 13.2 11.0 16.4



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: 15.77 min Scan# 2327

Delta R.T. 0.06 min

Lab File: BF103883.D

Acq: 23 Mar 2018 16:33

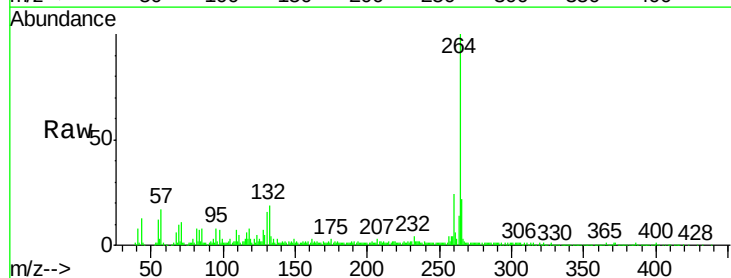
Tgt Ion:264 Resp: 202640

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 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

