

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103688.D
 Acq On : 16 Mar 2018 11:30
 Operator : JU/SJ
 Sample : PB107245BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 13:29:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

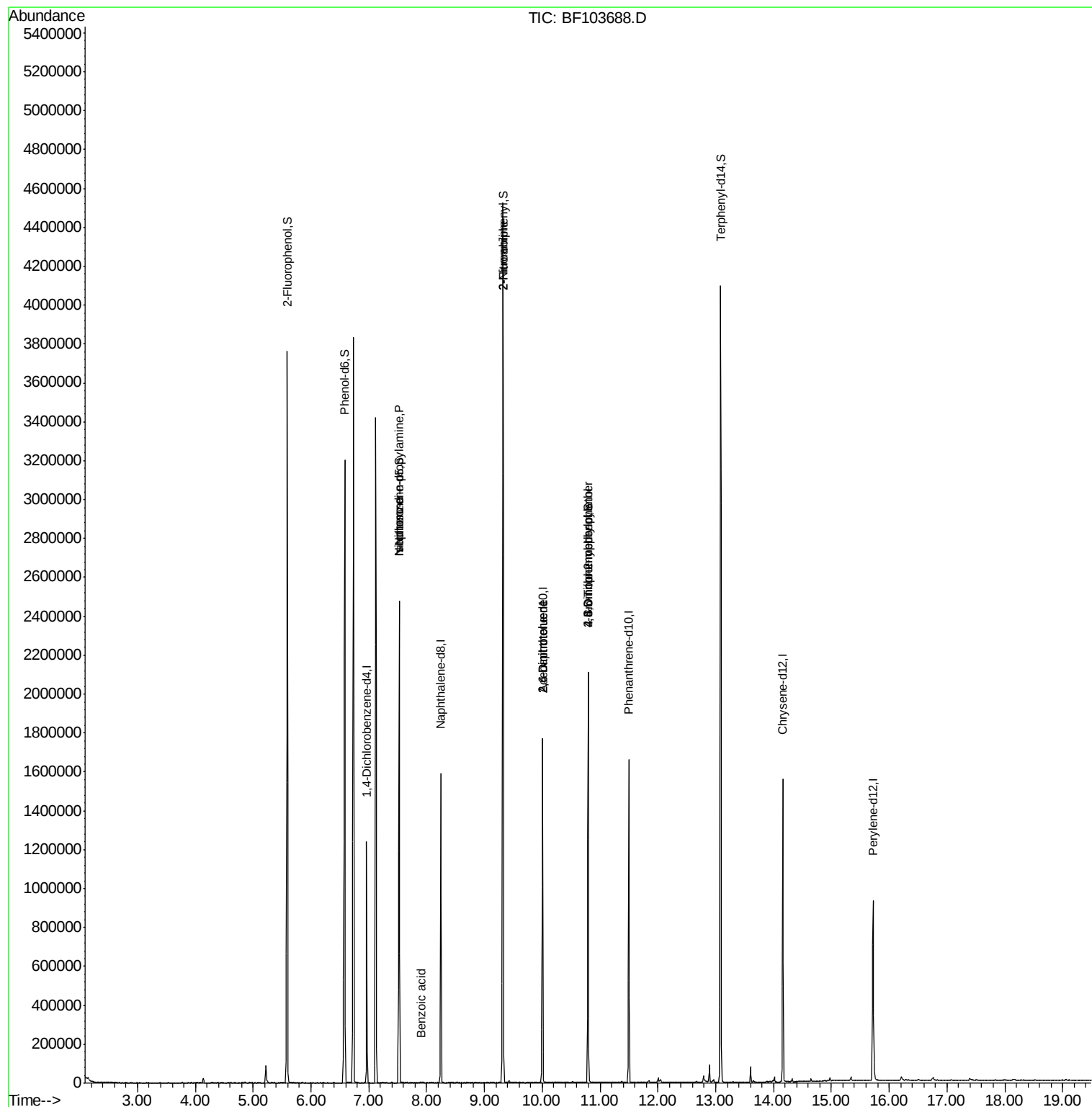
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	165607	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	687596	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	321008	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	585245	20.00	ng	0.00
75) Chrysene-d12	14.16	240	524255	20.00	ng	0.01
86) Perylene-d12	15.72	264	431346	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1152398	105.84	ng	0.01
7) Phenol-d6	6.59	99	1408192	105.71	ng	0.00
23) Nitrobenzene-d5	7.53	82	845999	85.80	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	233534	84.61	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1492684	74.17	ng	0.00
78) Terphenyl-d14	13.09	244	1549797	68.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	111527	13.064	ng	# 74
25) Isophorone	7.53	82	845984	37.064	ng	# 64
32) Benzoic acid	7.90	122	2142	10.152	ng	# 91
47) 2-Nitroaniline	9.32	65	2520	7.203	ng	# 1
50) 2,6-Dinitrotoluene	10.00	165	41654	12.046	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	41654	12.255	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.79	198	573	8.410	ng	# 1
66) 4-Bromophenyl-phenylether	10.79	248	14538	2.419	ng	# 1

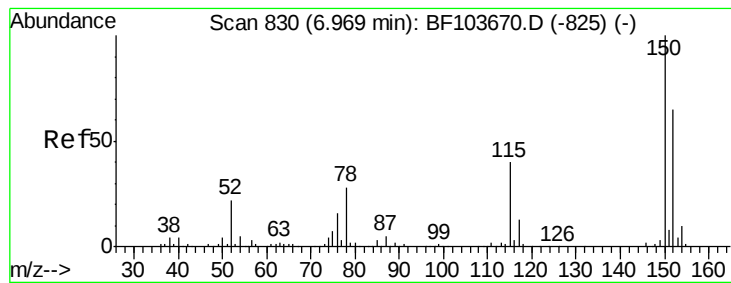
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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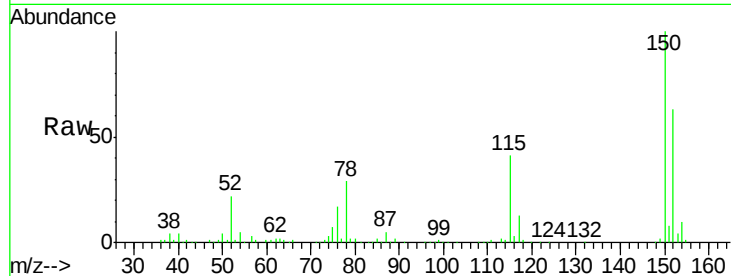


#1

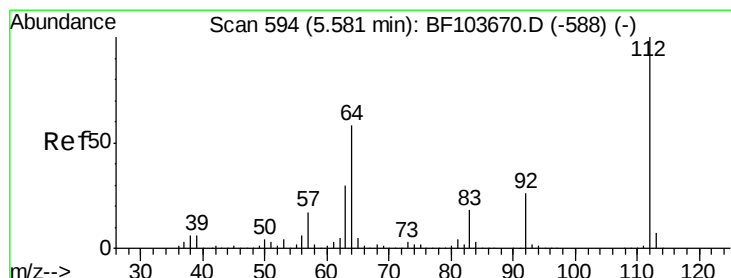
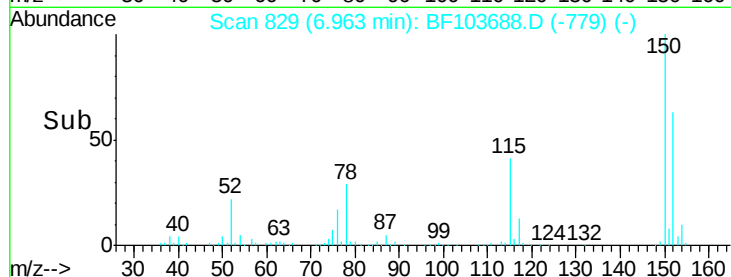
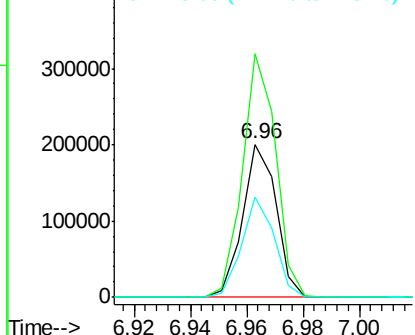
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165607
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.4 50.1 75.1



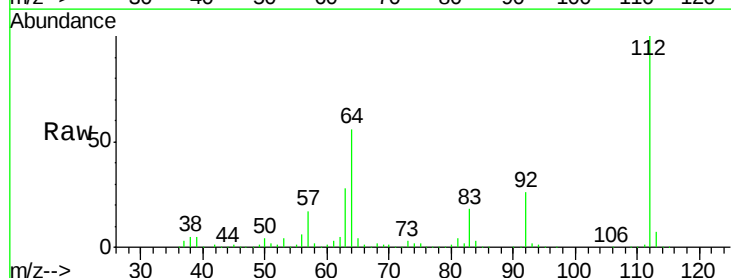
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



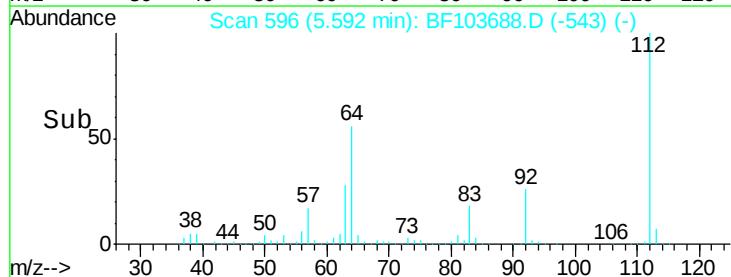
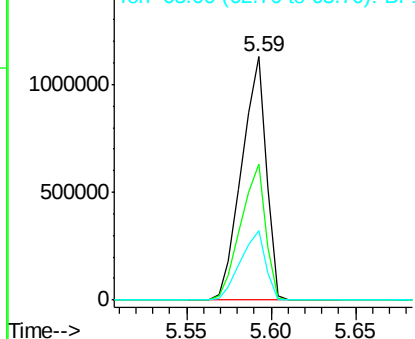
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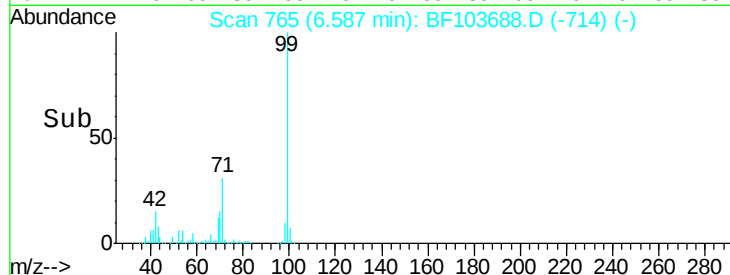
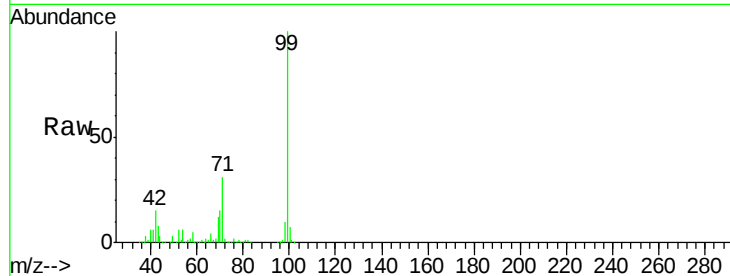
2-Fluorophenol
Concen: 105.840 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Tgt Ion:112 Resp: 1152398
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.3 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: 105.714 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103688.D

Acq: 16 Mar 2018 11:30

Instrument :

BNA_F

ClientSampleId :

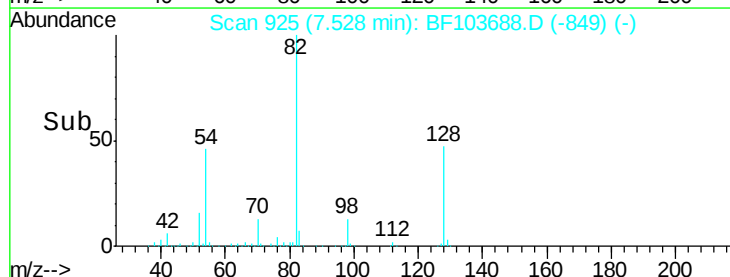
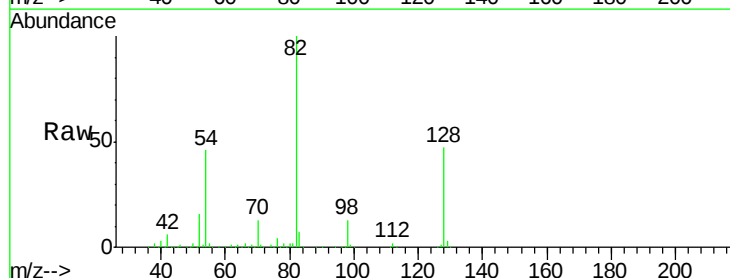
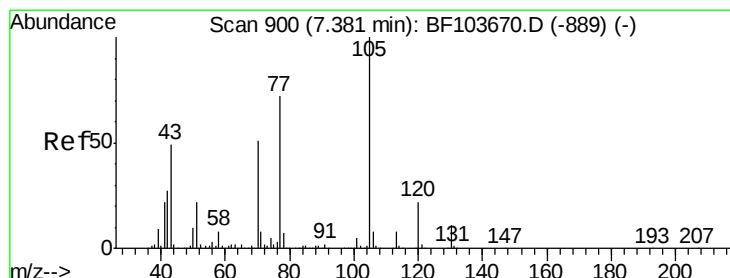
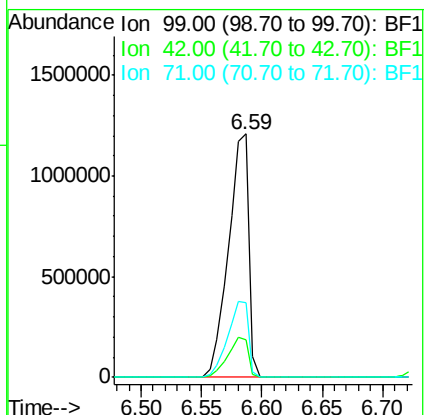
Tot Ion: 99 Resp: 1408192

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 30.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.064 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103688.D

Acq: 16 Mar 2018 11:30

Tgt Ion: 70 Resp: 111527

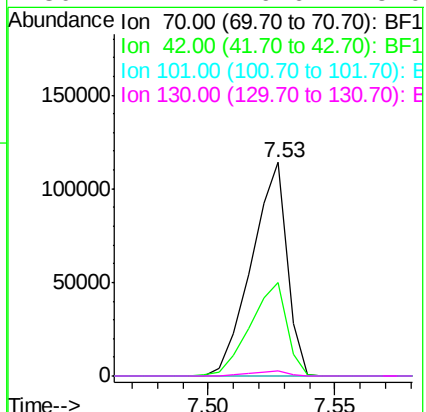
Ion Ratio Lower Upper

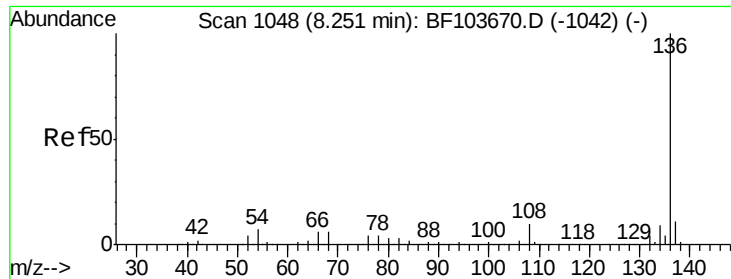
70 100

42 43.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

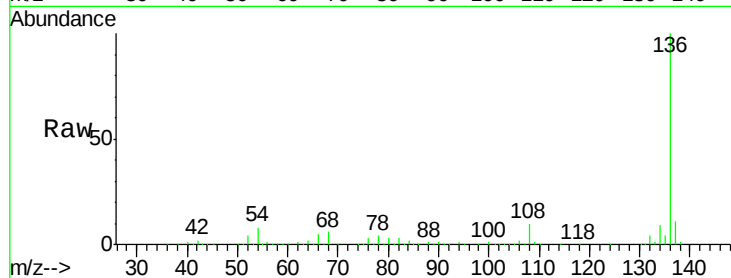




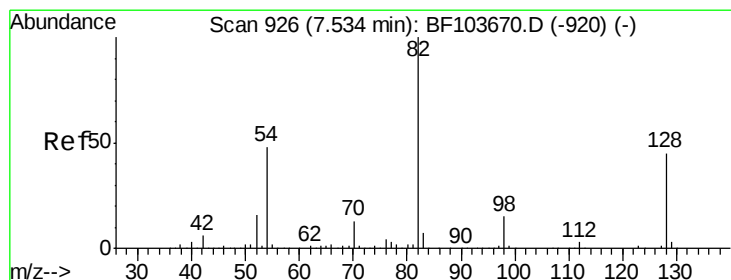
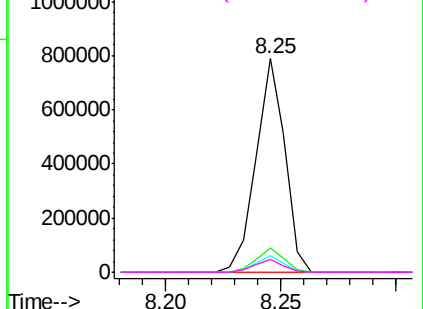
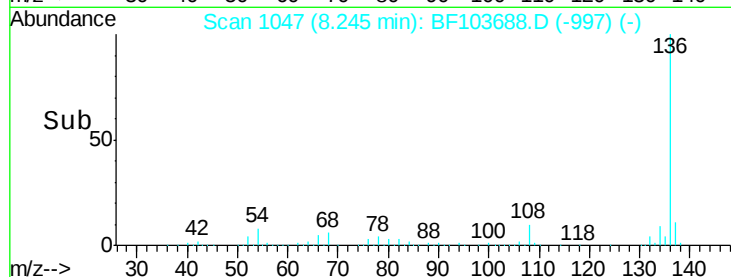
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	687596
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.7	6.6	9.8
68	6.3	5.0	7.4

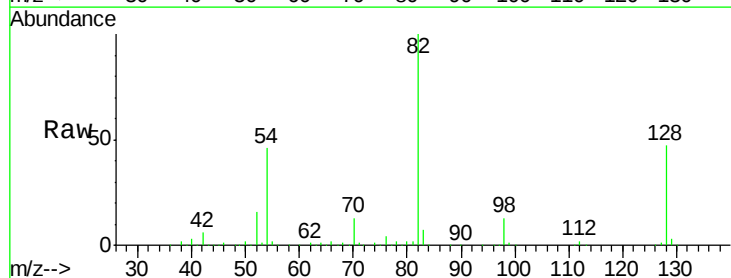


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

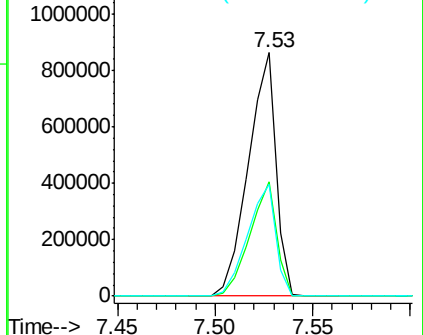
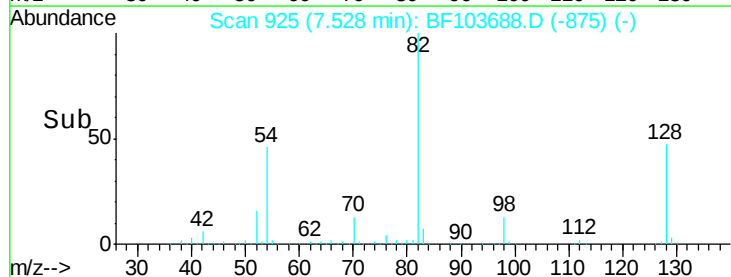


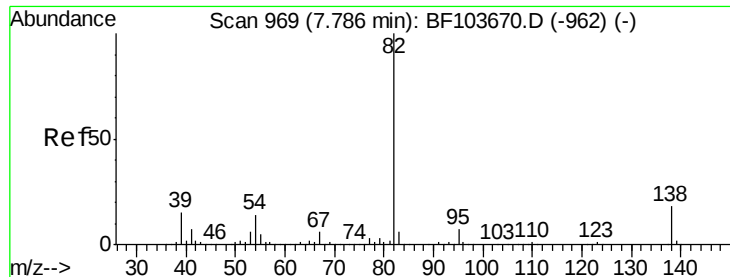
#23
Nitrobenzene-d5
Concen: 85.801 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Tgt Ion:	82	Resp:	845999
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	46.1	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: 37.064 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

Lab File: BF103688.D

Acq: 16 Mar 2018 11:30

Instrument :

BNA_F

ClientSampleId :

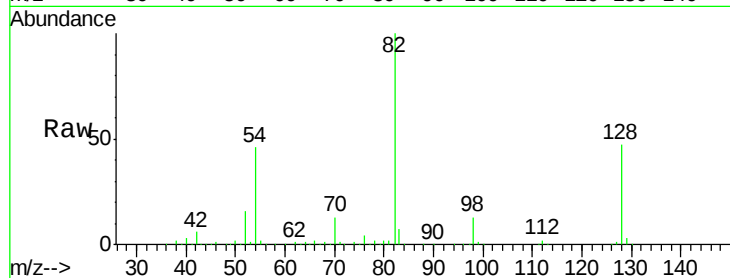
Tot Ion: 82 Resp: 845984

Ion Ratio Lower Upper

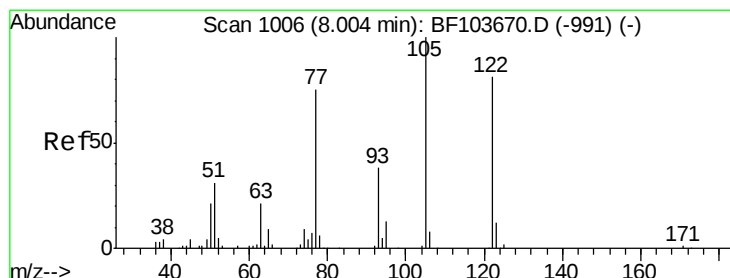
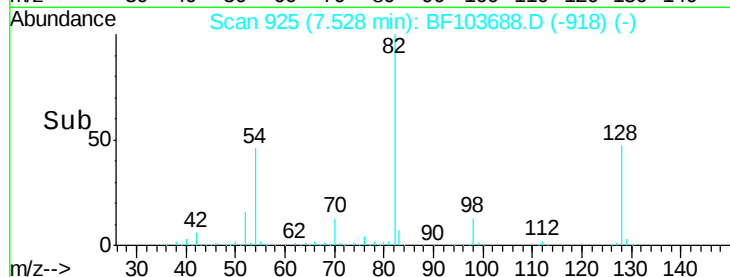
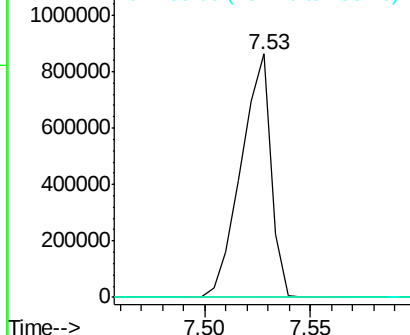
82 100

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: 10.152 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.10 min

Lab File: BF103688.D

Acq: 16 Mar 2018 11:30

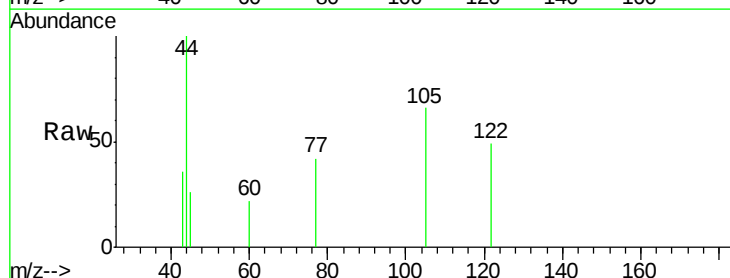
Tgt Ion: 122 Resp: 2142

Ion Ratio Lower Upper

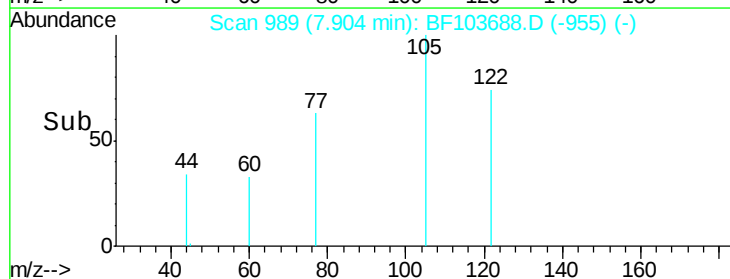
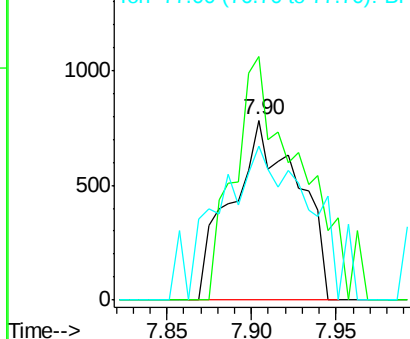
122 100

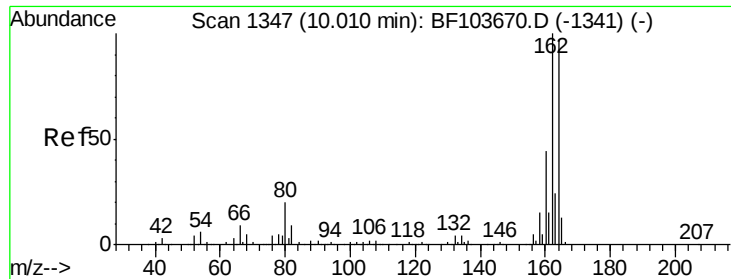
105 135.2 101.1 141.1

77 85.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF103688.D

Acq: 16 Mar 2018 11:30

Instrument :

BNA_F

ClientSampleId :

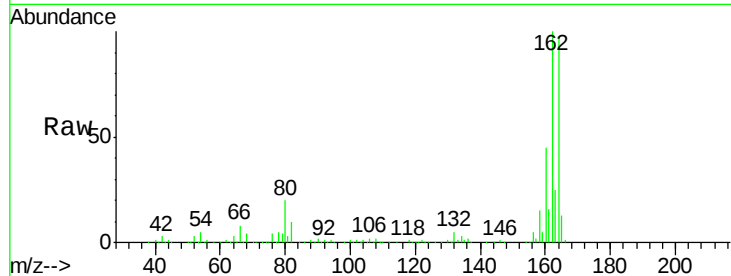
Tot Ion:164 Resp: 321008

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

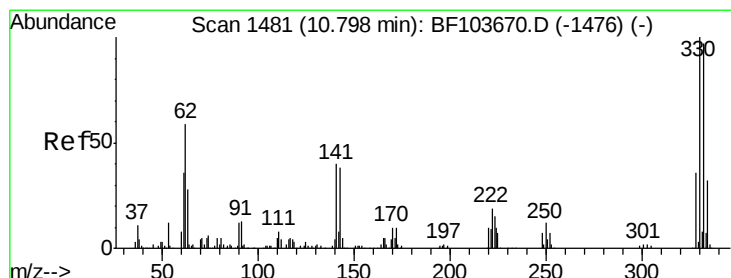
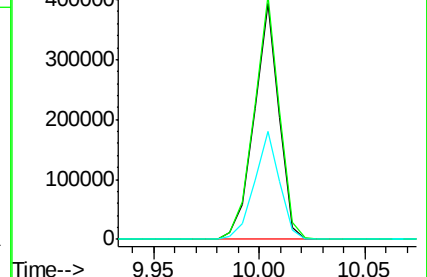
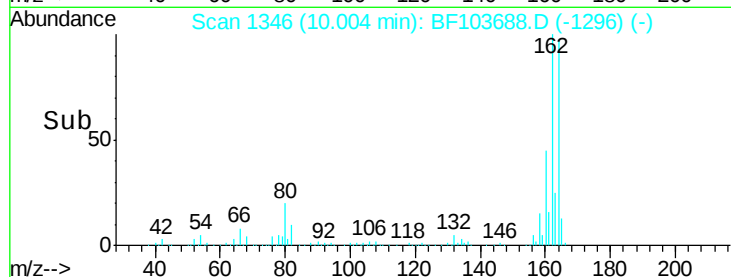
160 46.0 38.3 57.5



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: 84.612 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF103688.D

Acq: 16 Mar 2018 11:30

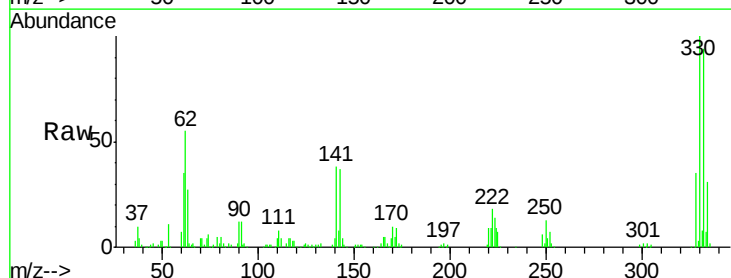
Tgt Ion:330 Resp: 233534

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

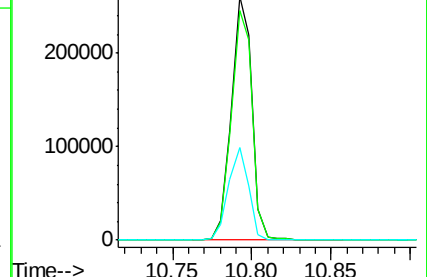
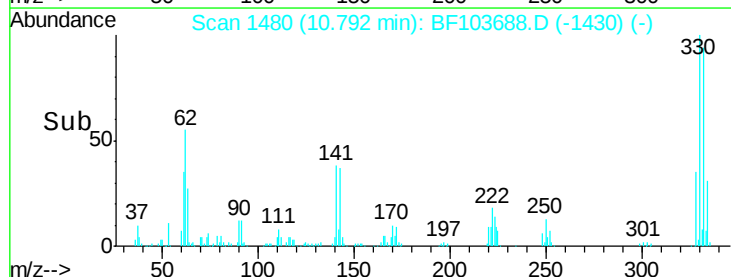
141 37.5 29.9 44.9

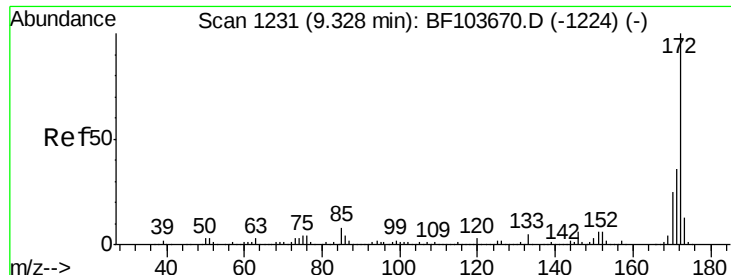


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



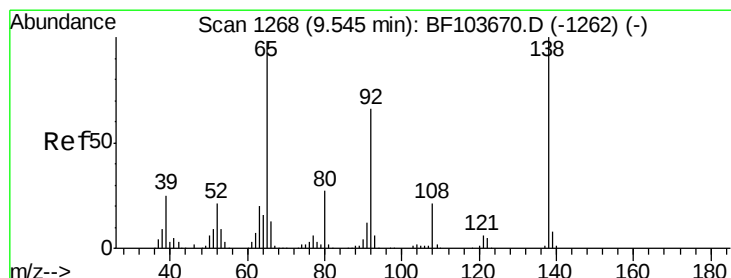
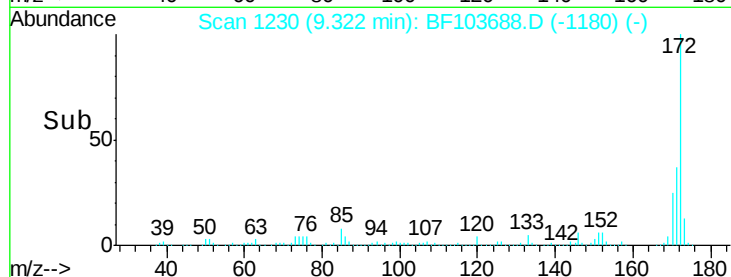
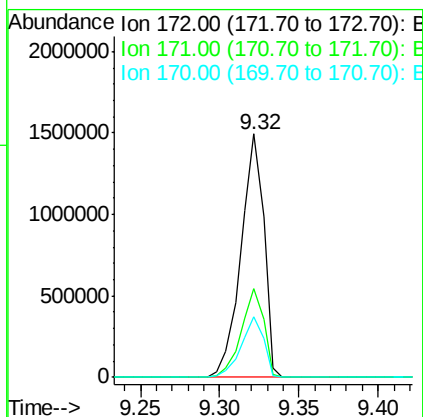
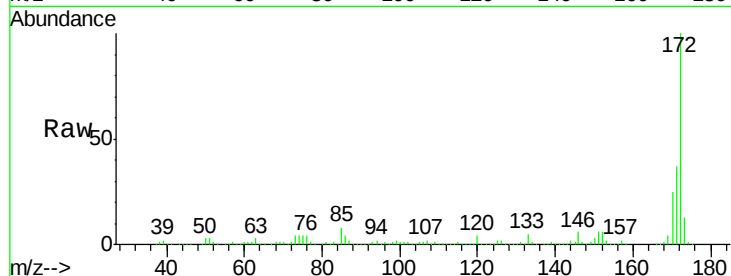


#44
 2-Fluorobiphenyl
 Concen: 74.174 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1492684

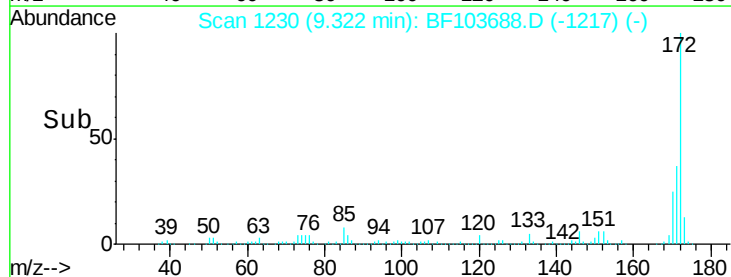
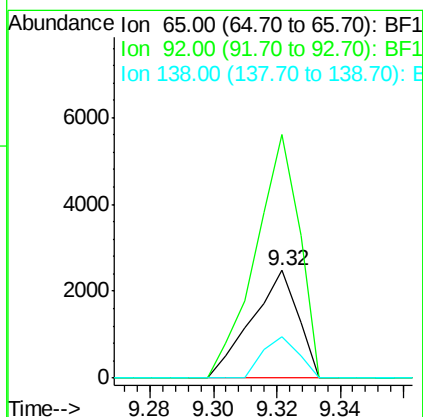
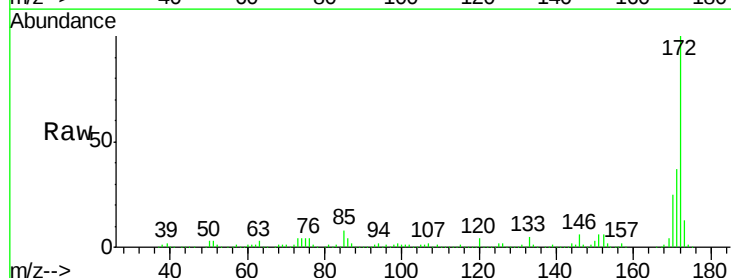
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.9	19.6	29.4

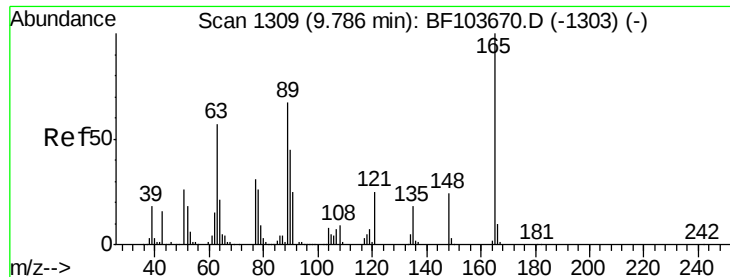


#47
 2-Nitroaniline
 Concen: 7.203 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.22 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Tgt Ion: 65 Resp: 2520

Ion	Ratio	Lower	Upper
65	100		
92	225.8	55.8	83.6#
138	38.8	91.2	136.8#

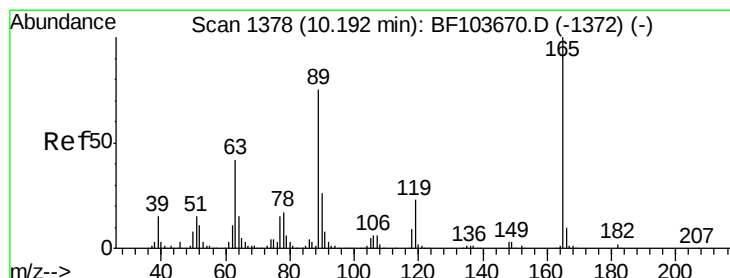
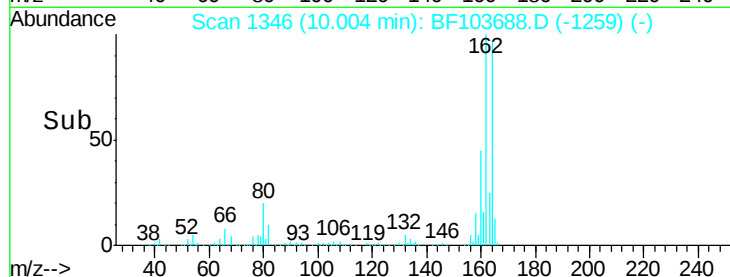
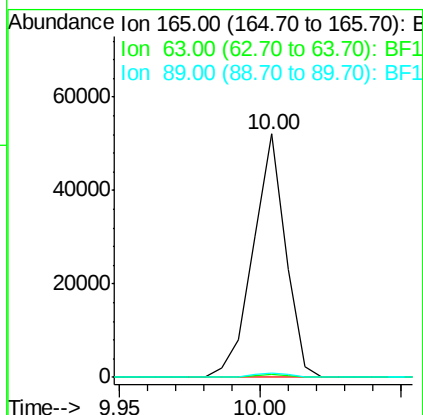
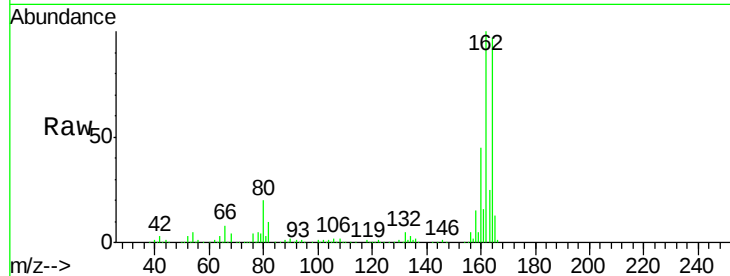




#50
2,6-Dinitrotoluene
Concen: 12.046 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

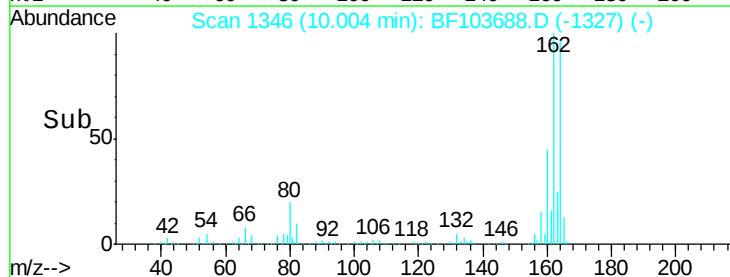
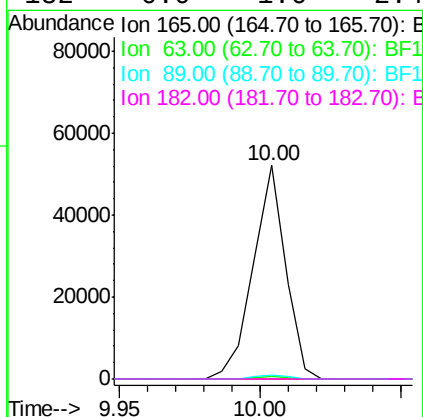
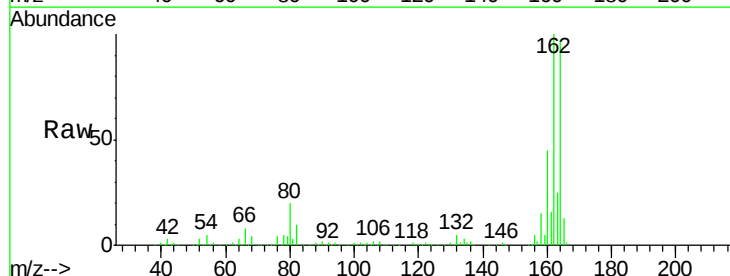
Instrument :
BNA_F
ClientSampleId :

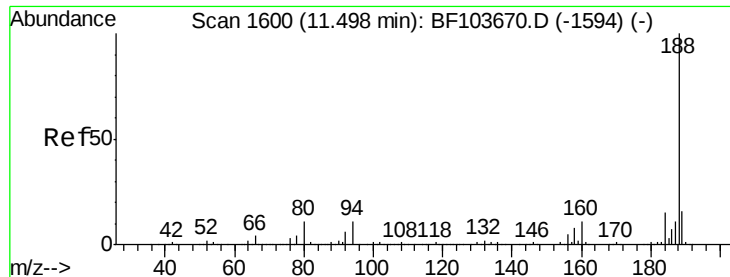
Tot Ion:165 Resp: 41654
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.7 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 12.255 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Tgt Ion:165 Resp: 41654
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

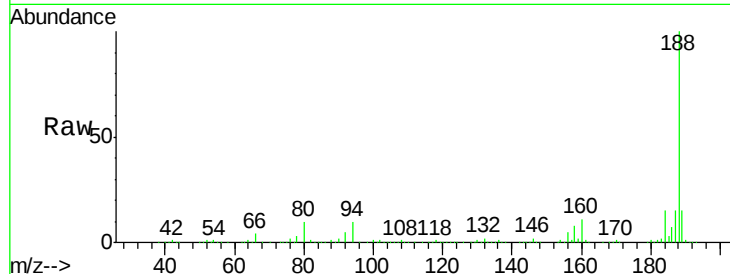




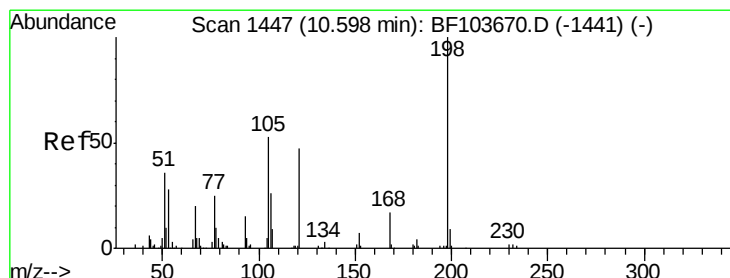
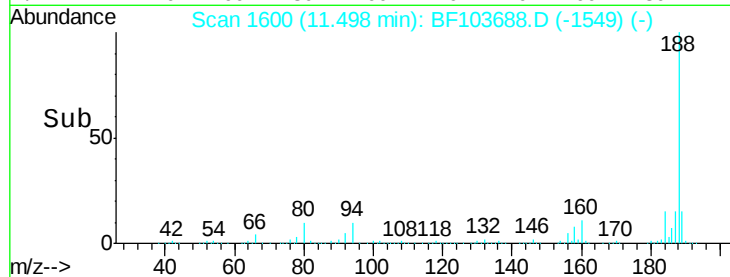
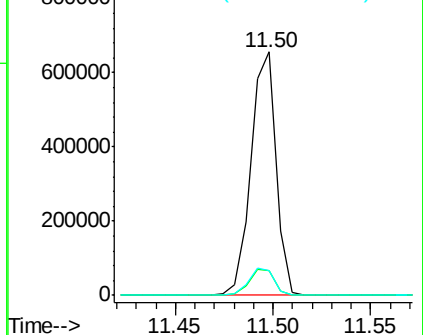
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 585245
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.4 9.2 13.8

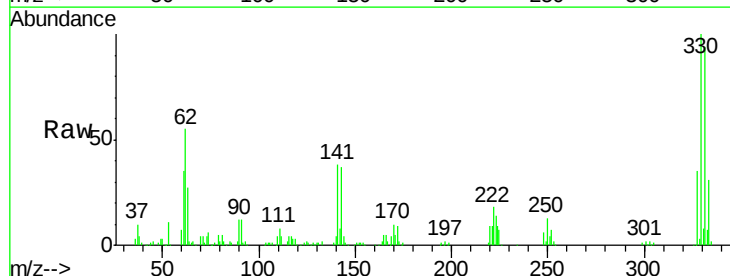


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

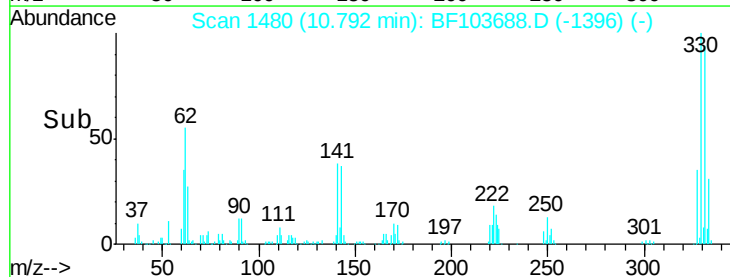
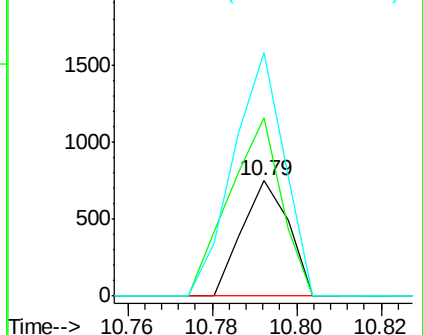


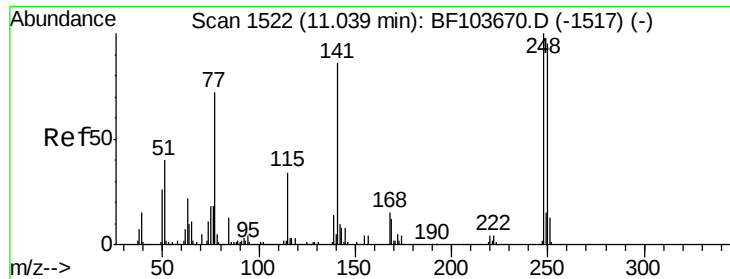
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.410 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.19 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Tgt Ion:198 Resp: 573
 Ion Ratio Lower Upper
 198 100
 51 154.3 37.7 77.7#
 105 211.1 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

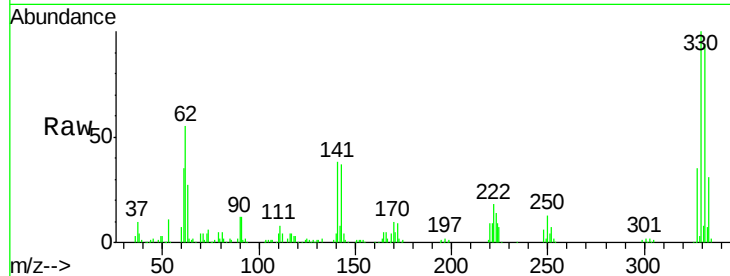




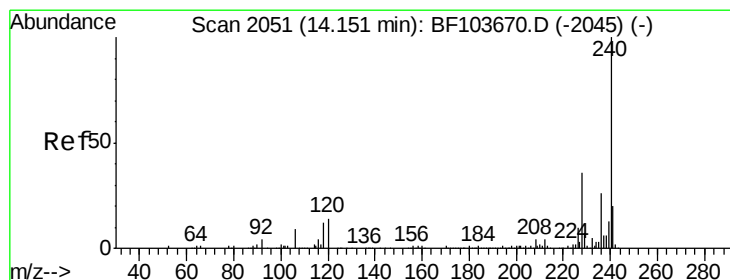
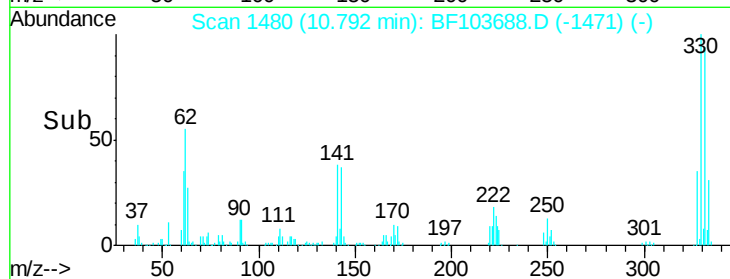
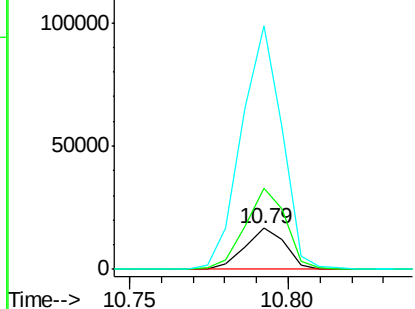
#66
4-Bromophenyl-phenylether
Concen: 2.419 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.25 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14538
Ion Ratio Lower Upper
248 100
250 197.7 76.9 115.3#
141 594.3 74.4 111.6#

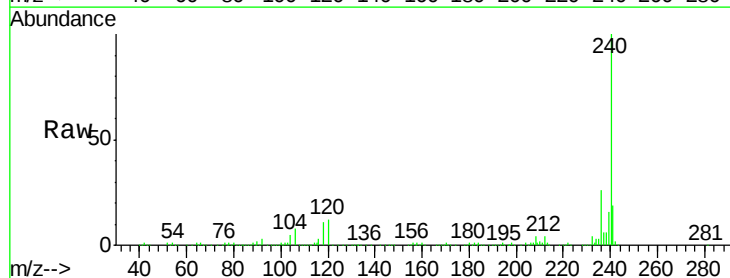


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

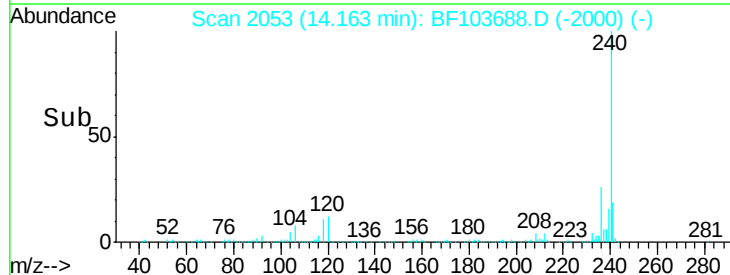
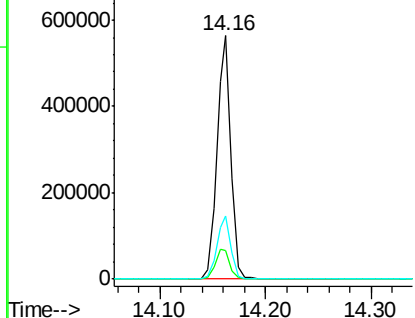


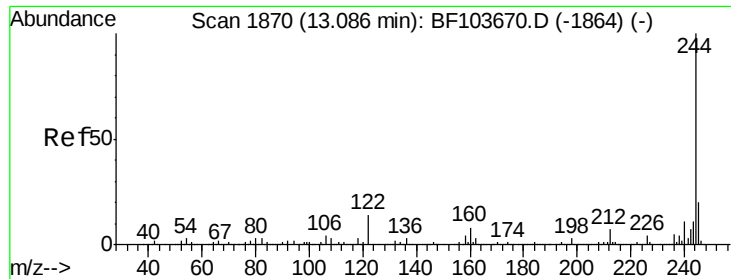
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Tgt Ion:240 Resp: 524255
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 26.0 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



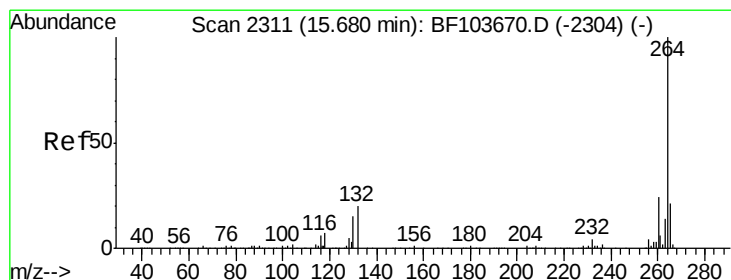
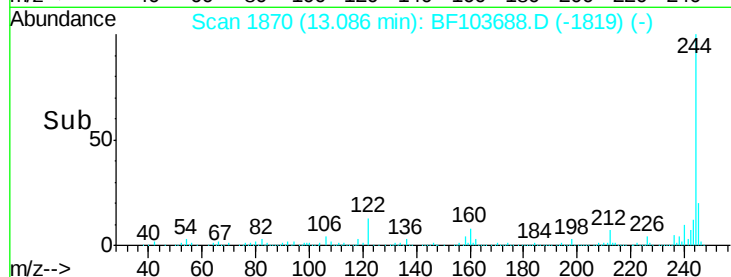
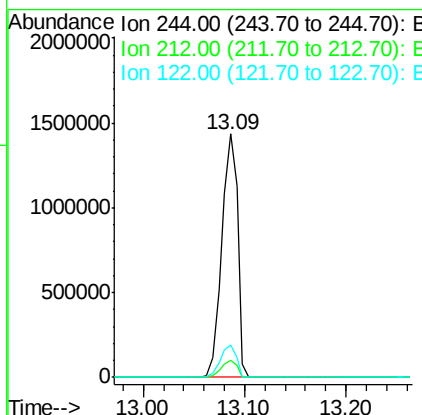
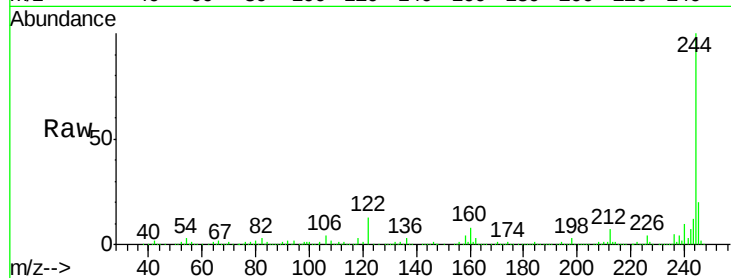


#78
 Terphenyl-d14
 Concen: 68.617 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1549797

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2318
 Delta R.T. 0.05 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Tgt Ion:264 Resp: 431346

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3

