

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104018.D
 Acq On : 28 Mar 2018 18:57
 Operator : JU/SJ
 Sample : J2088-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 01:51:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

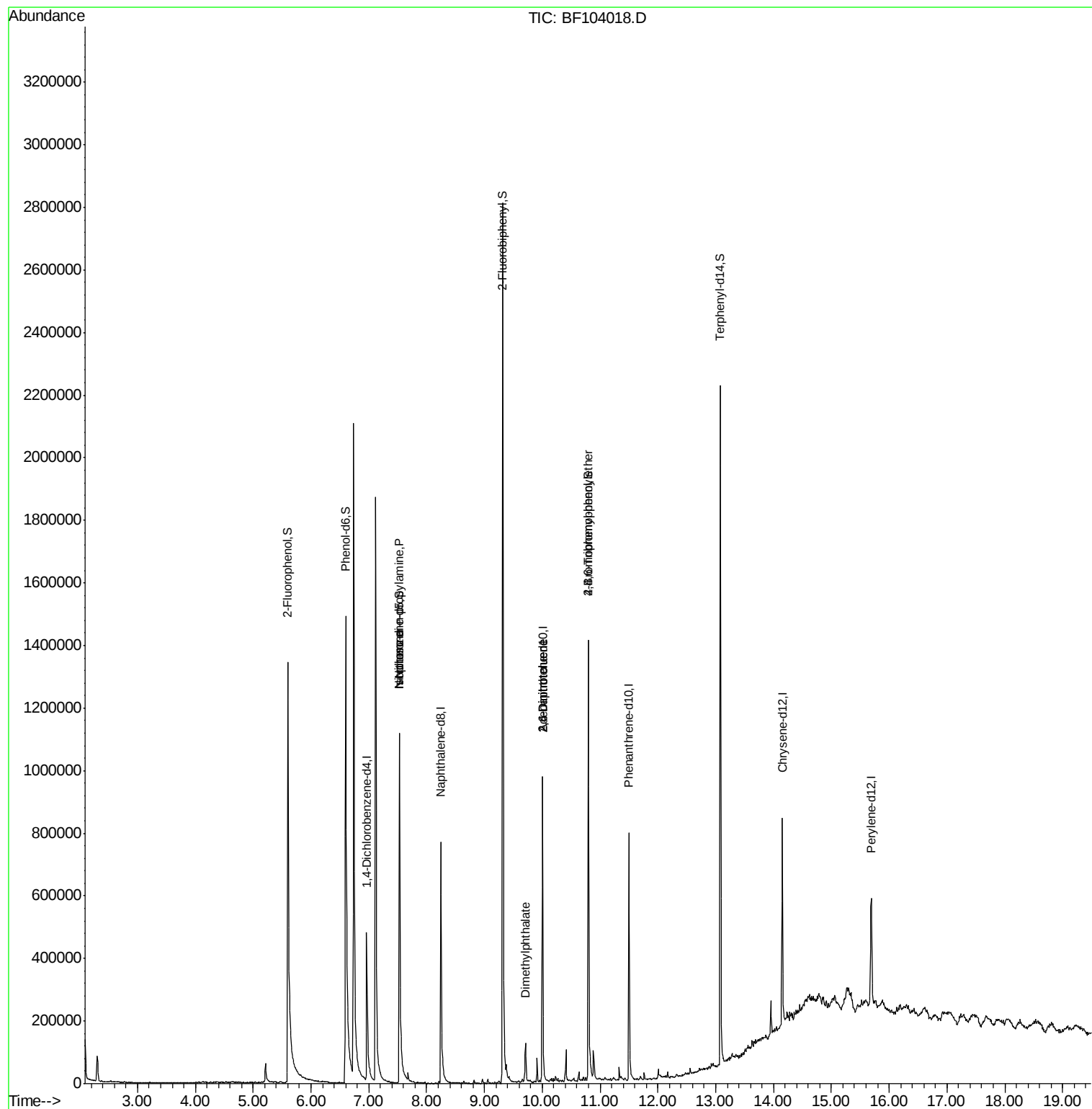
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	128701	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	500704	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	215556	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	335190	20.00	ng	0.00
75) Chrysene-d12	14.15	240	241325	20.00	ng	0.00
86) Perylene-d12	15.69	264	204820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	826856	102.46	ng	0.00
7) Phenol-d6	6.60	99	1051988	105.95	ng	0.00
23) Nitrobenzene-d5	7.53	82	609172	74.40	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	217382	90.57	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1132148	82.82	ng	0.00
78) Terphenyl-d14	13.08	244	822327	78.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1419	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.53	70	75566	12.824 ng	#	75
25) Isophorone	7.53	82	610951	40.491 ng	#	64
49) Dimethylphthalate	9.71	163	65046	3.822 ng		99
50) 2,6-Dinitrotoluene	10.00	165	27814	7.596 ng	#	26
56) 2,4-Dinitrotoluene	10.00	165	27814	5.953 ng	#	23
66) 4-Bromophenyl-phenylether	10.80	248	13070	3.645 ng	#	1

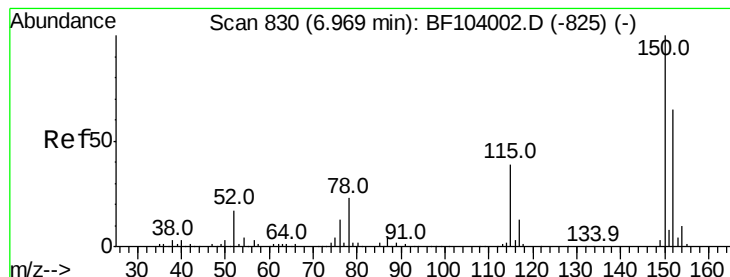
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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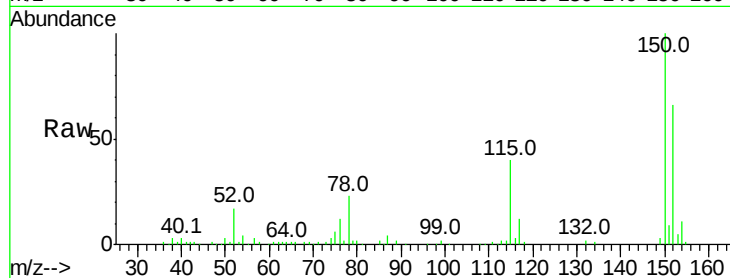


#1

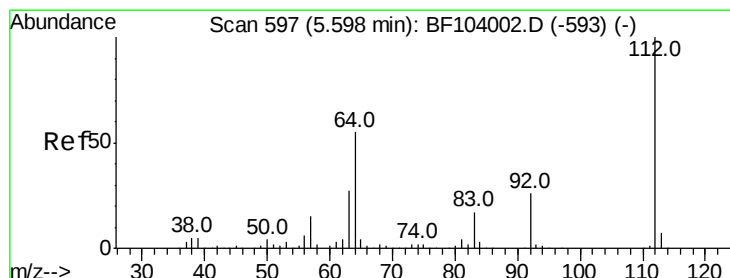
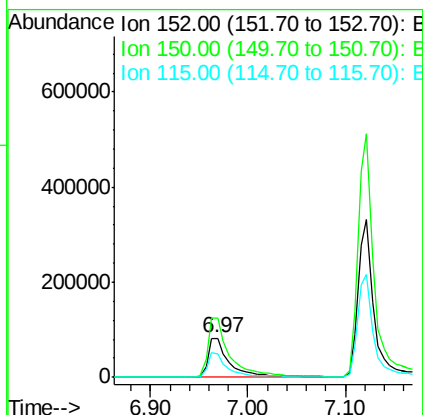
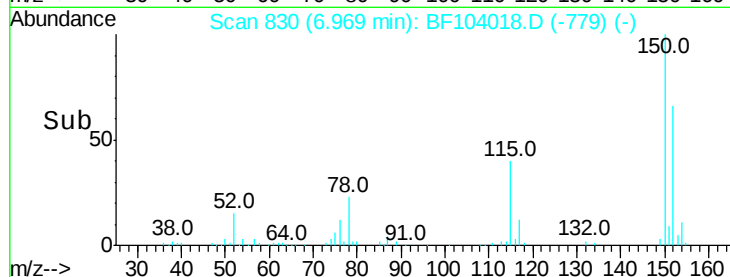
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128701
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 60.9 50.1 75.1



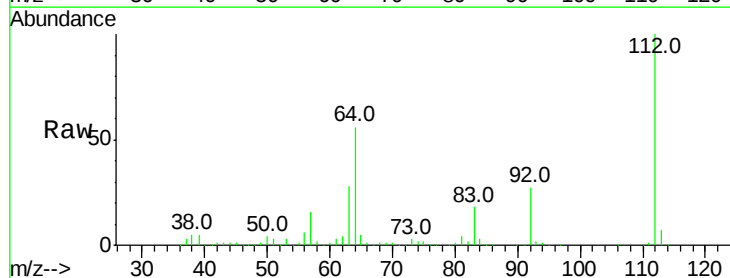
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



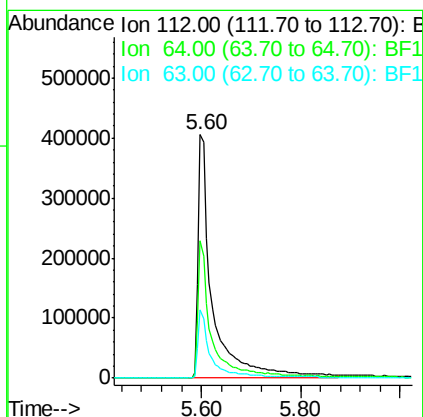
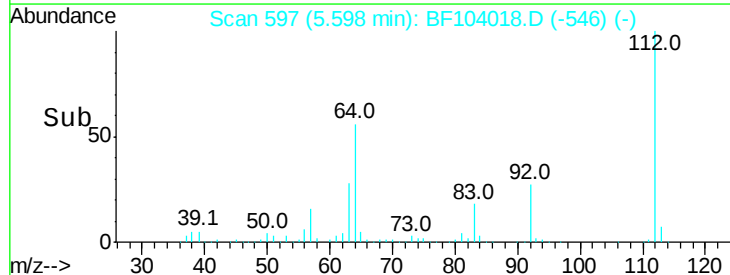
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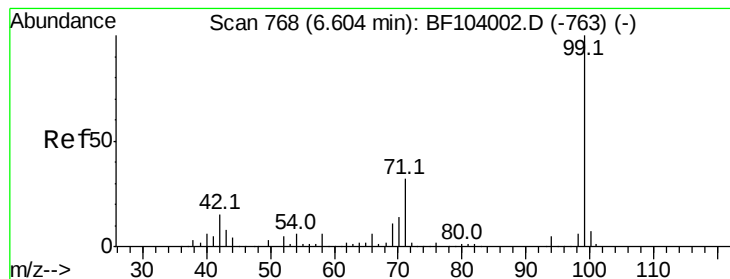
2-Fluorophenol
Concen: 102.457 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Tgt Ion:112 Resp: 826856
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 27.9 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: 105.952 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

Instrument :

BNA_F

ClientSampleId :

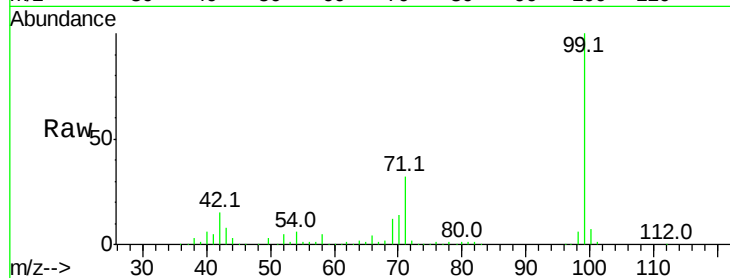
Tot Ion: 99 Resp: 1051988

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 31.9 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

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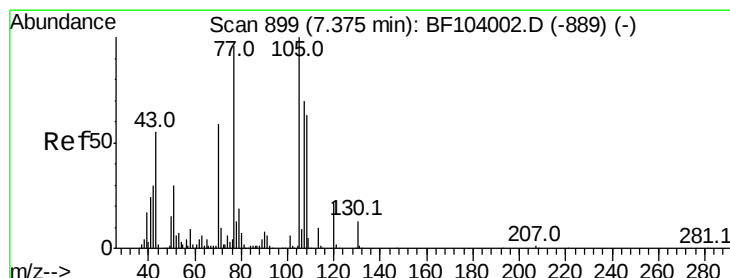
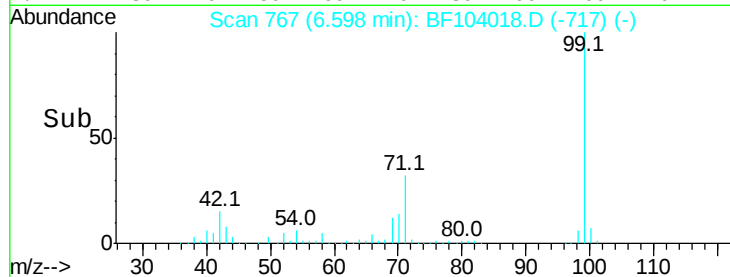
6.60

6.60

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6.60

6.60



#19

n-Nitroso-di-n-propylamine

Concen: 12.824 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104018.D

Acq: 28 Mar 2018 18:57

Tgt Ion: 70 Resp: 75566

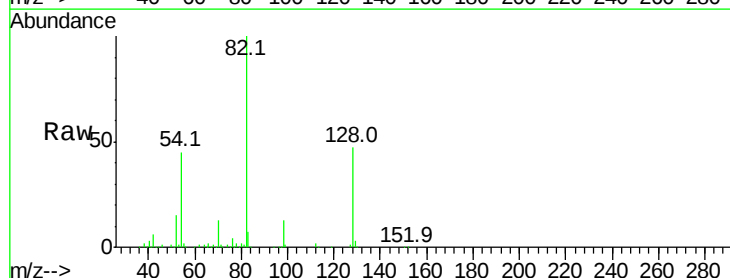
Ion Ratio Lower Upper

70 100

42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 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

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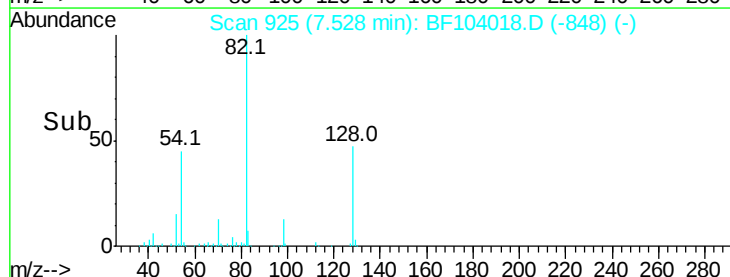
7.53

7.53

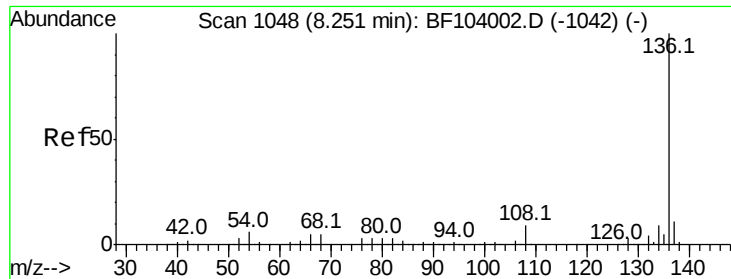
7.53

7.53

7.53



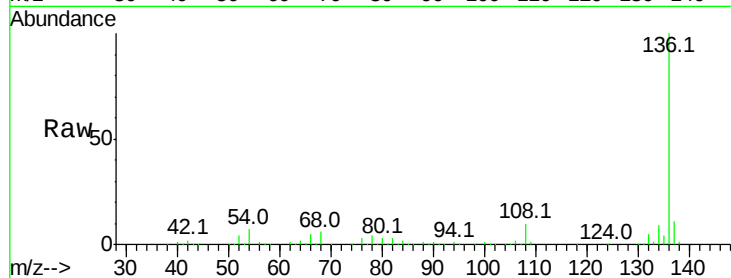
Time-->



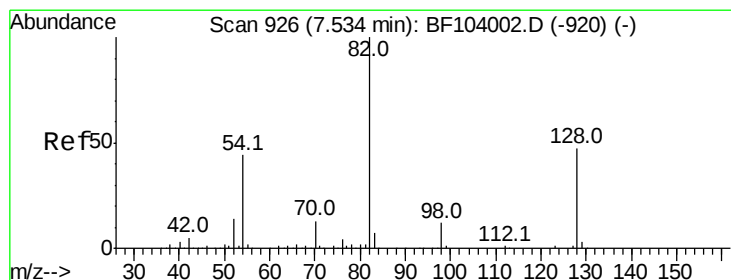
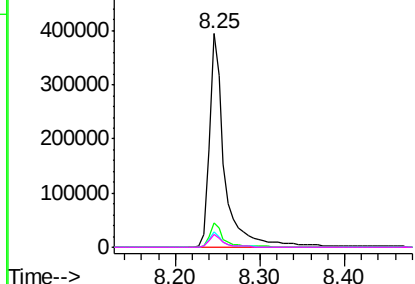
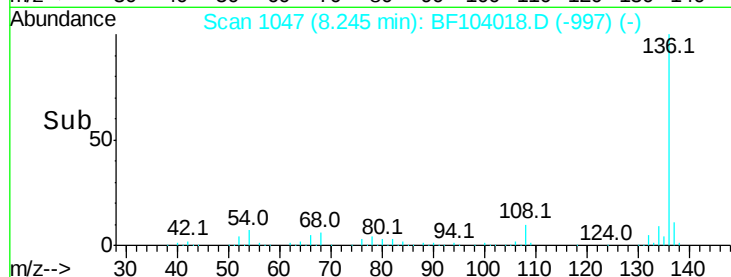
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	500704
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

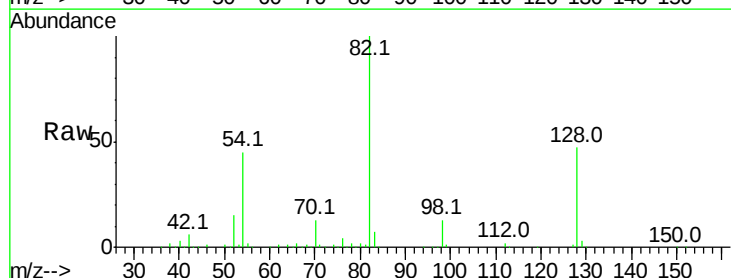


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

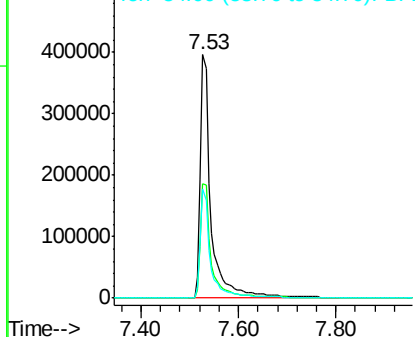
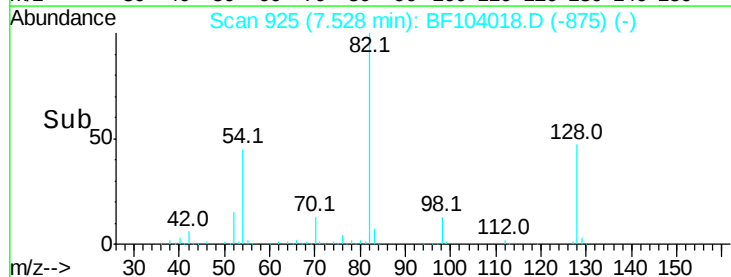


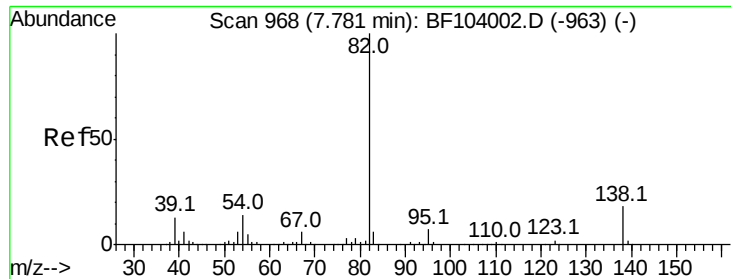
#23
Nitrobenzene-d5
Concen: 74.404 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Tgt Ion:	82	Resp:	609172
Ion	Ratio	Lower	Upper
82	100		
128	46.9	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): E
Ion 54.00 (53.70 to 54.70): BF1

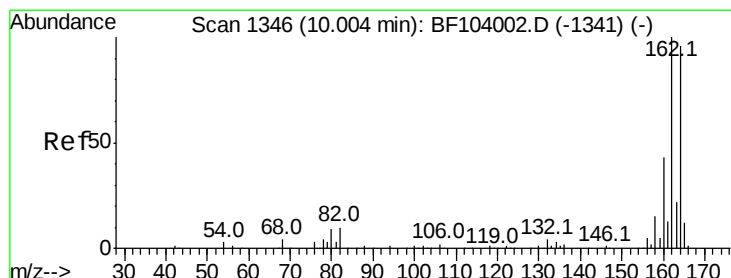
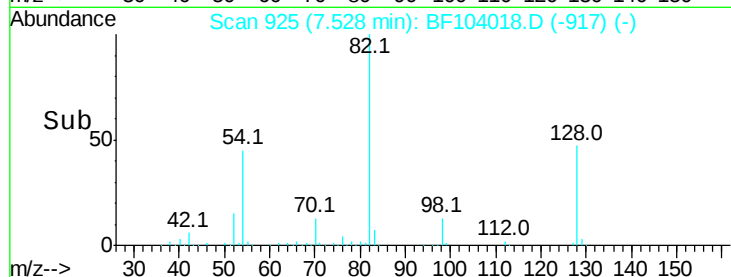
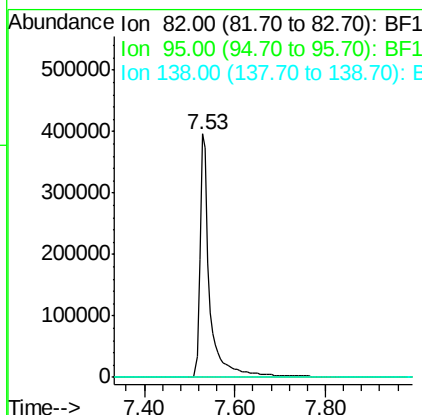
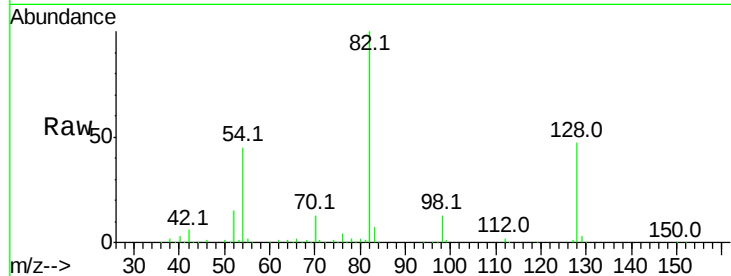




#25
Isophorone
Concen: 40.491 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

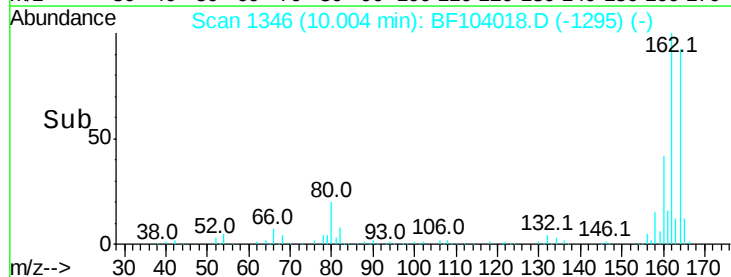
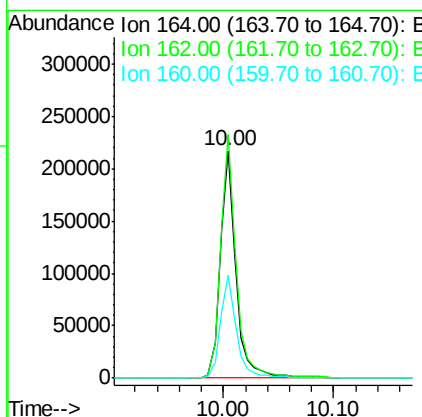
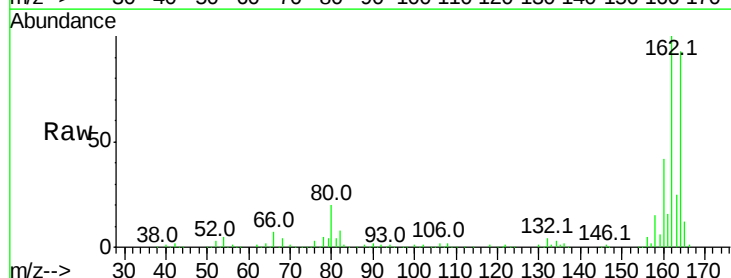
Instrument :
BNA_F
ClientSampled :

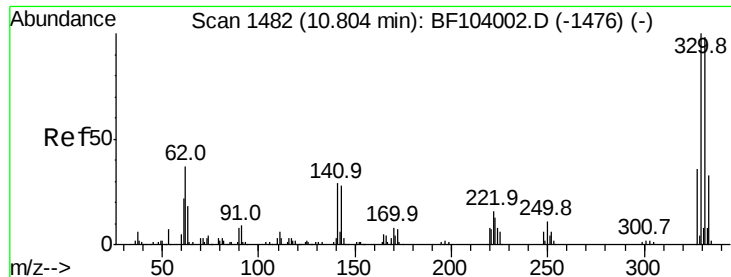
Tot Ion: 82 Resp: 610951
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Tgt Ion:164 Resp: 215556
Ion Ratio Lower Upper
164 100
162 107.3 86.1 129.1
160 45.3 38.3 57.5

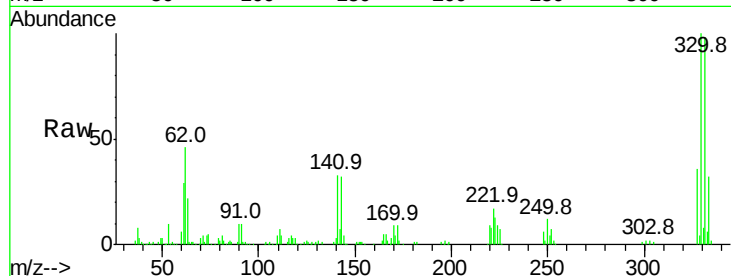




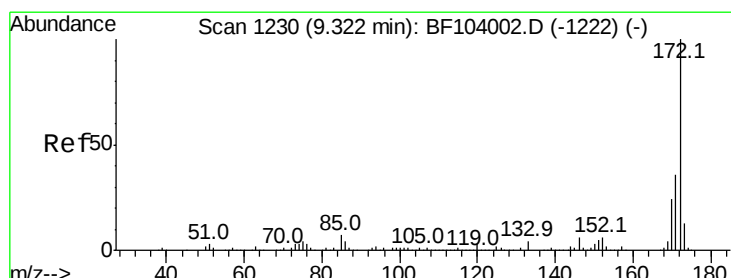
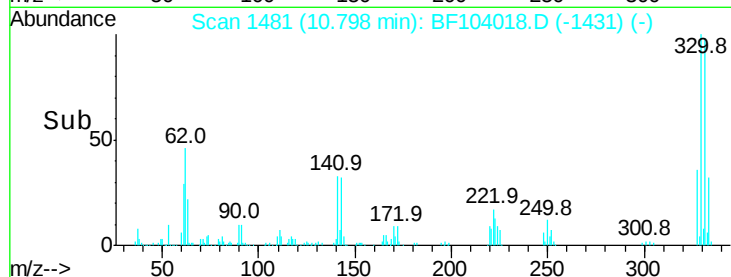
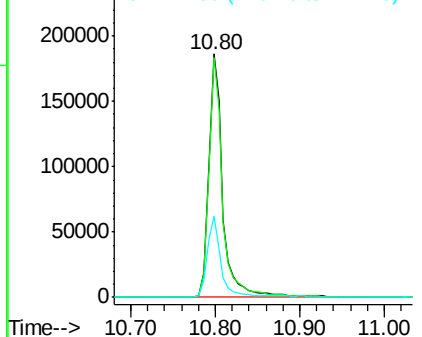
#41
 2,4,6-Tribromophenol
 Concen: 90.568 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104018.D
 Acq: 28 Mar 2018 18:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 217382
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 32.0 29.9 44.9

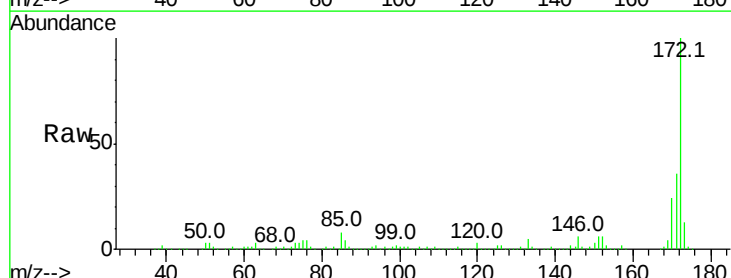


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

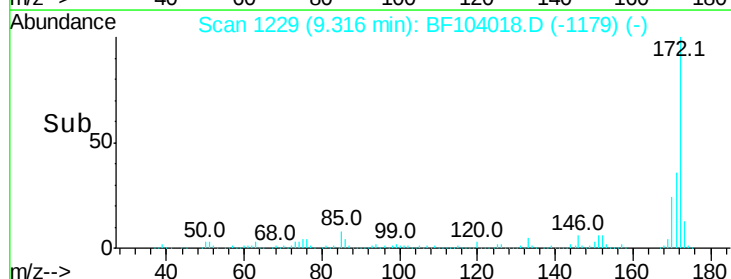
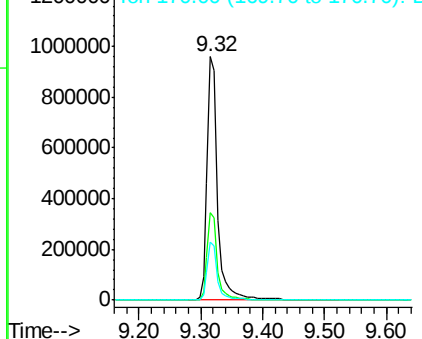


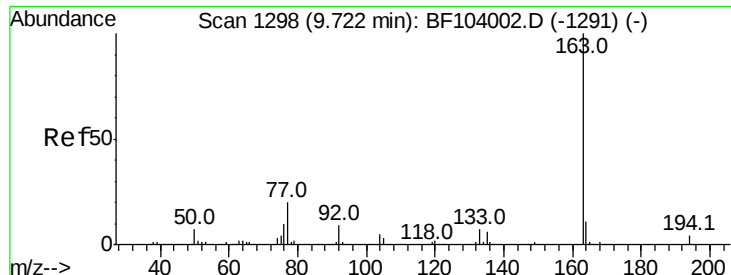
#44
 2-Fluorobiphenyl
 Concen: 82.823 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104018.D
 Acq: 28 Mar 2018 18:57

Tgt Ion:172 Resp: 1132148
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 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

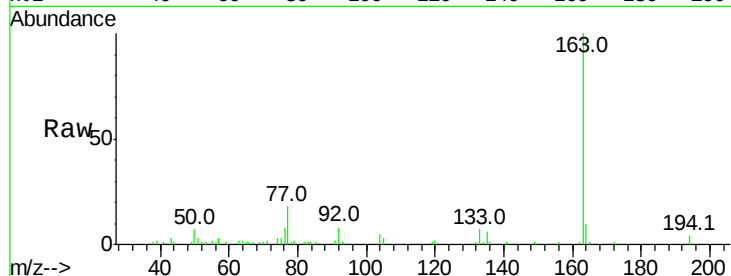




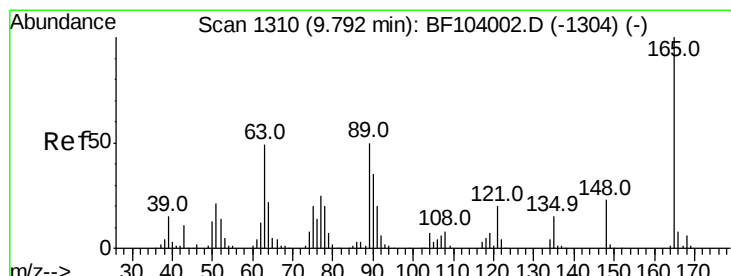
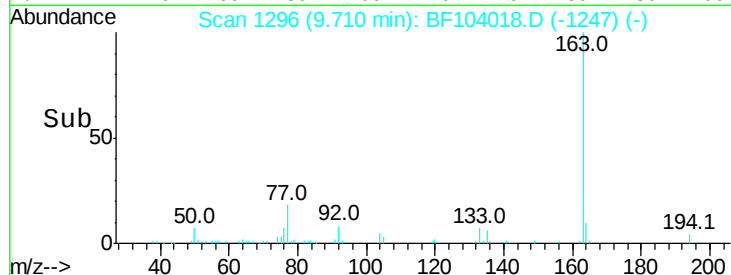
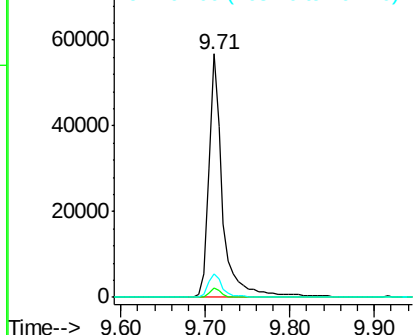
#49
Dimethylphthalate
Concen: 3.822 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 65046
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.2 12.2

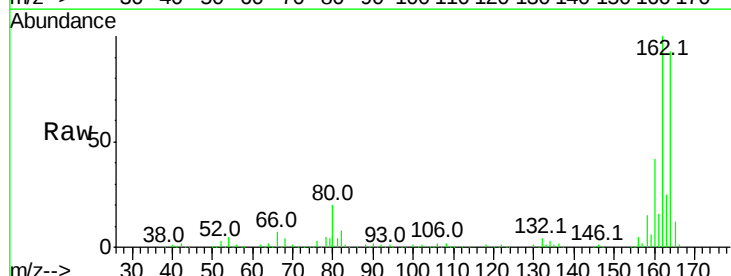


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

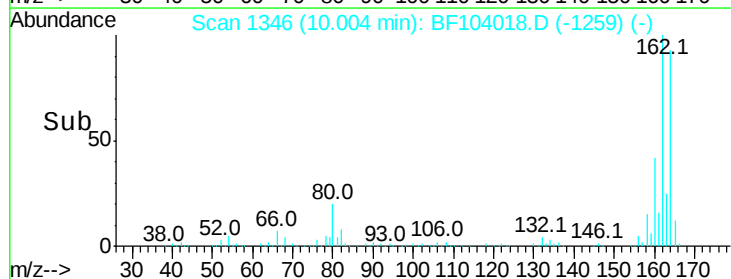
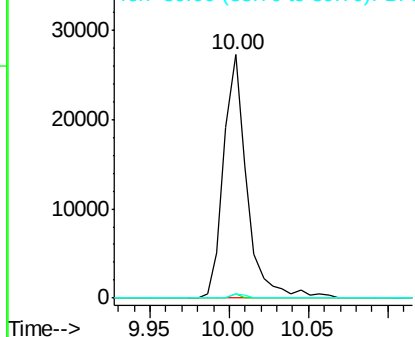


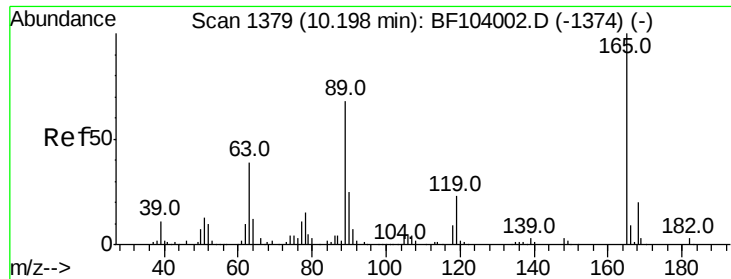
#50
2,6-Dinitrotoluene
Concen: 7.596 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Tgt Ion:165 Resp: 27814
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.6 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

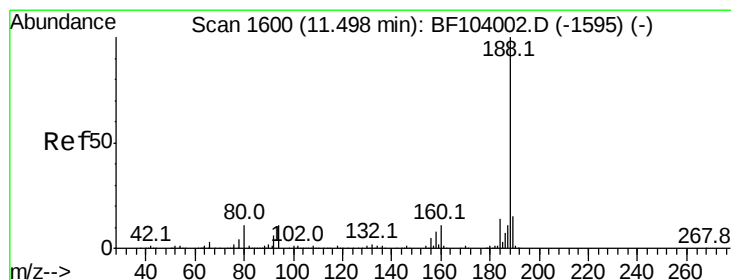
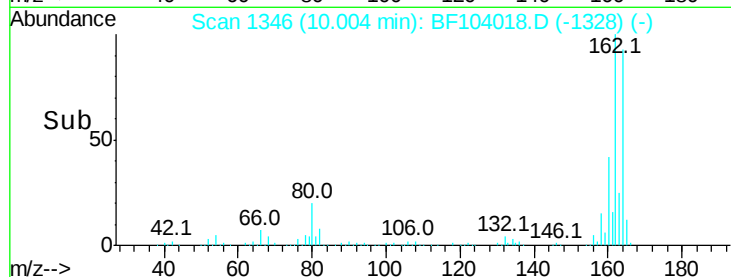
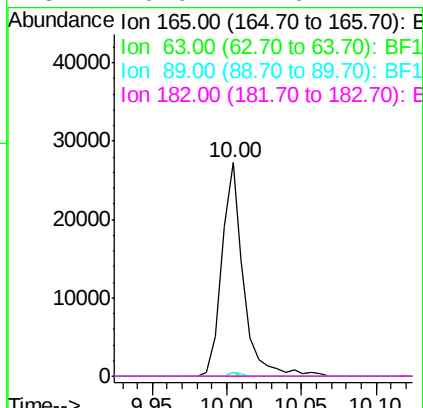
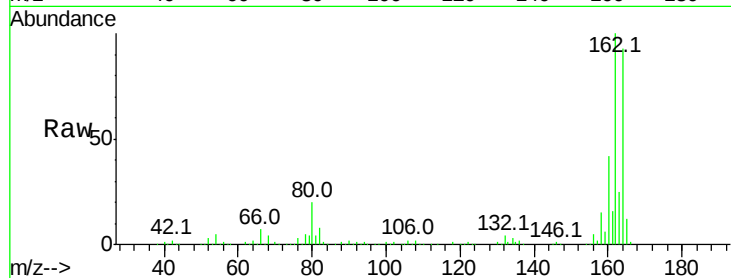




#56
2,4-Dinitrotoluene
Concen: 5.953 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

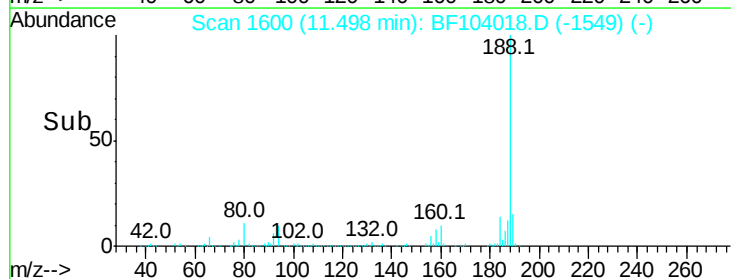
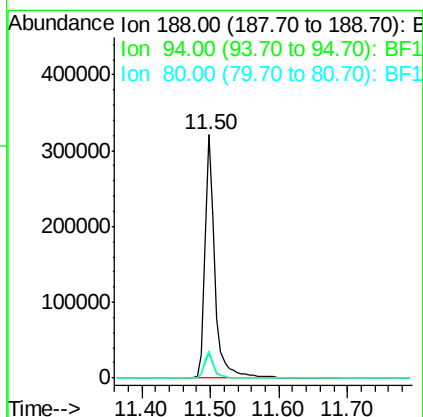
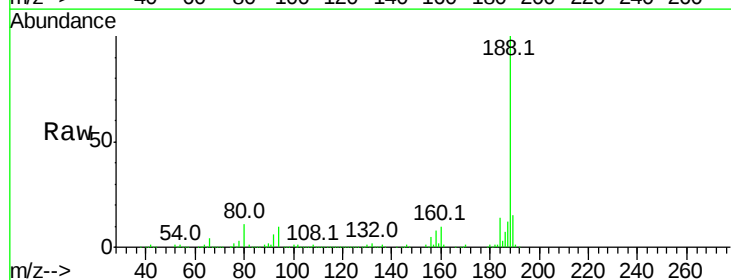
Instrument :
BNA_F
ClientSampleId :

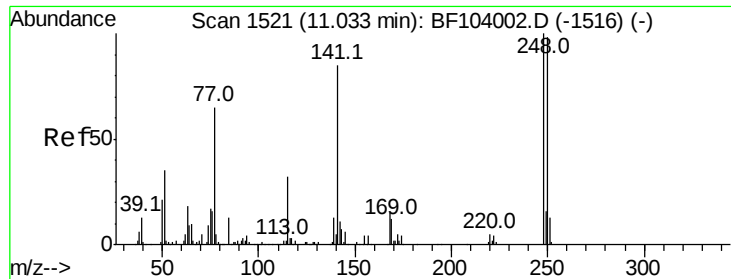
Tot Ion:165 Resp: 27814
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Tgt Ion:188 Resp: 335190
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.0 9.2 13.8

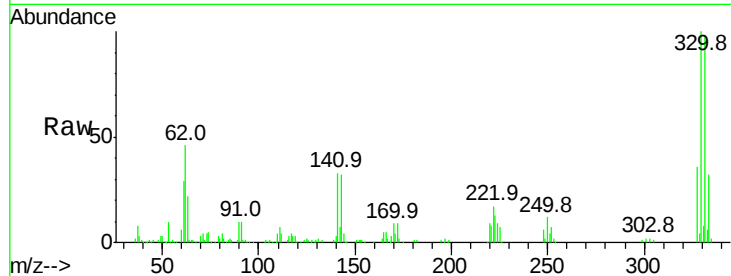




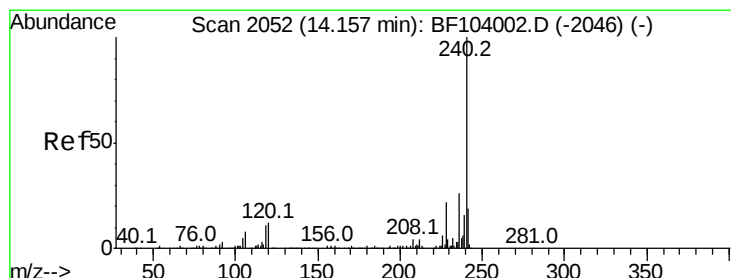
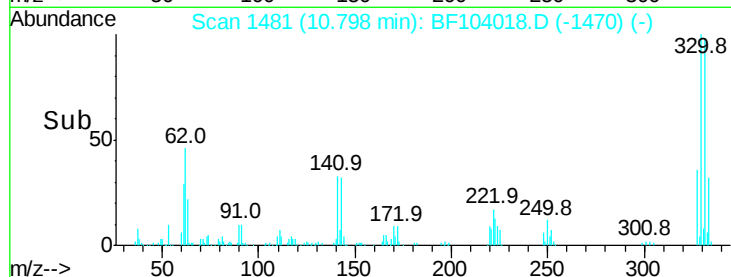
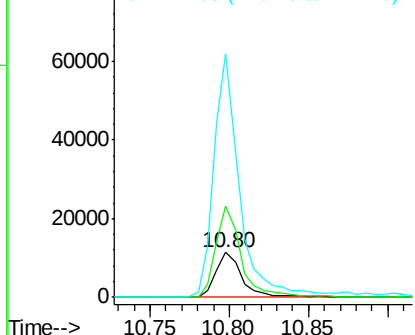
#66
4-Bromophenyl-phenylether
Concen: 3.645 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13070
Ion Ratio Lower Upper
248 100
250 202.3 76.9 115.3#
141 538.9 74.4 111.6#

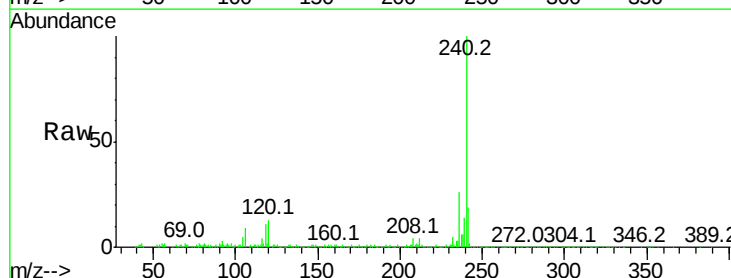


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

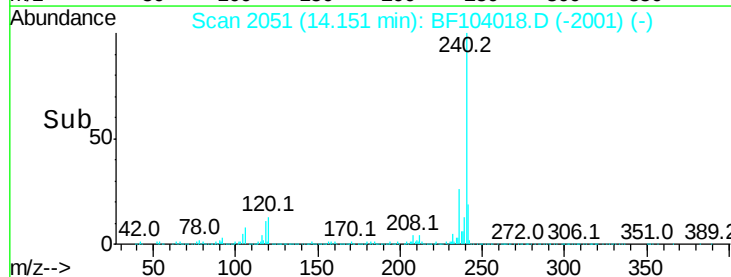
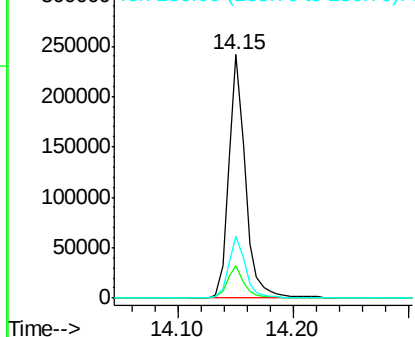


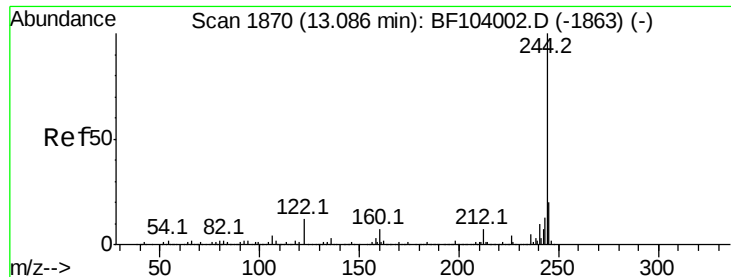
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104018.D
Acq: 28 Mar 2018 18:57

Tgt Ion:240 Resp: 241325
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.6 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

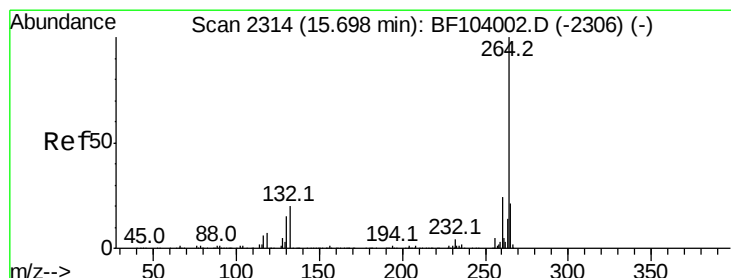
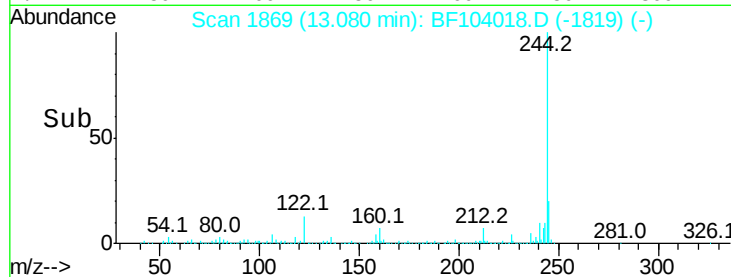
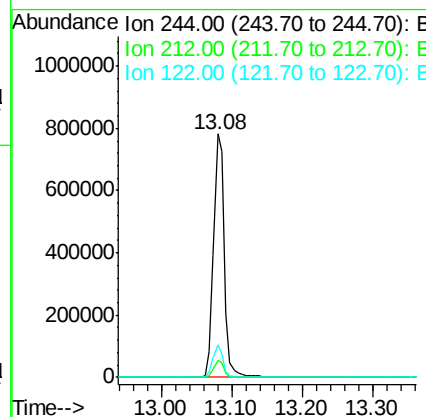
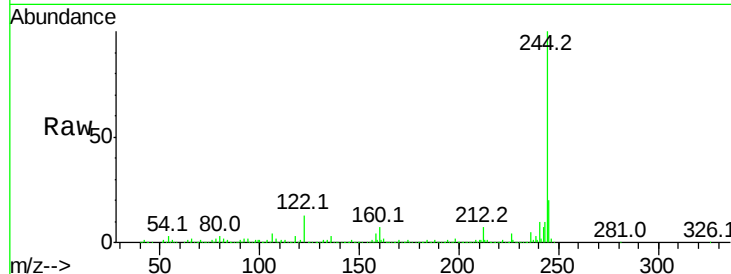




#78
 Terphenyl-d14
 Concen: 78.679 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF104018.D
 Acq: 28 Mar 2018 18:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 822327
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104018.D
 Acq: 28 Mar 2018 18:57

Tgt Ion:264 Resp: 204820
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 17.5 26.3

