

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104091.D
 Acq On : 30 Mar 2018 10:07
 Operator : JU/SJ
 Sample : J2113-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 11:18:41 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

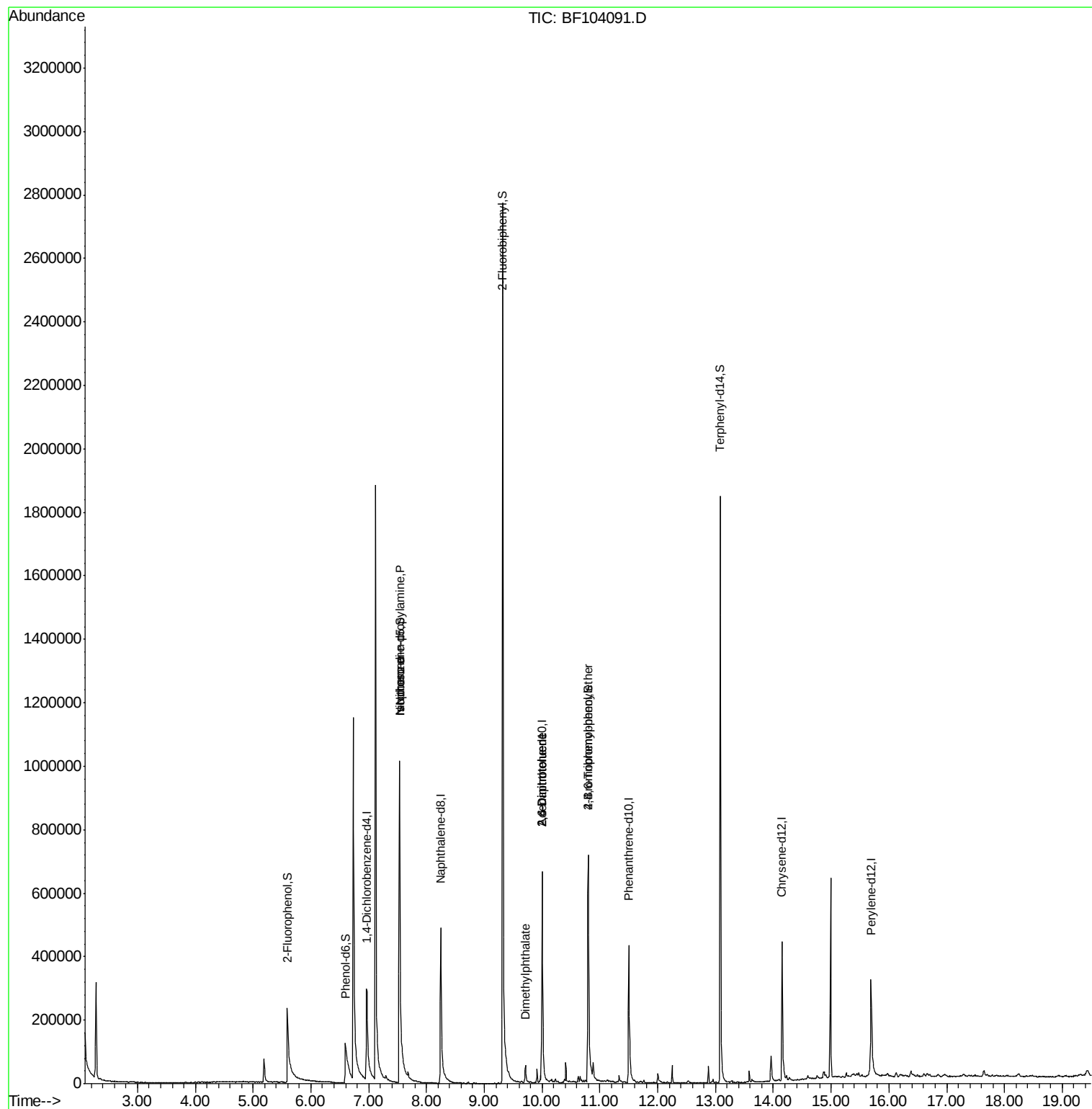
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	101752	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	425617	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	176928	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	261148	20.00	ng	0.00
75) Chrysene-d12	14.15	240	217719	20.00	ng	0.00
86) Perylene-d12	15.69	264	206192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	225183	35.29	ng	0.00
7) Phenol-d6	6.60	99	190576	24.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	660332	94.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	146252	74.24	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1231988	109.80	ng	0.00
78) Terphenyl-d14	13.08	244	771058	81.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	77854	16.712	ng	# 71
25) Isophorone	7.53	82	667209	52.021	ng	# 64
49) Dimethylphthalate	9.71	163	39562	2.832	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	21597	7.186	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	21597	5.632	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	8443	3.022	ng	# 1

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

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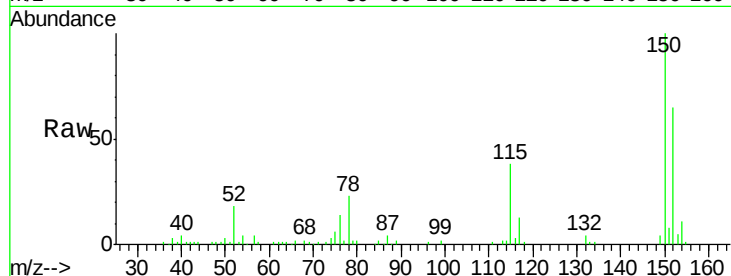


#1

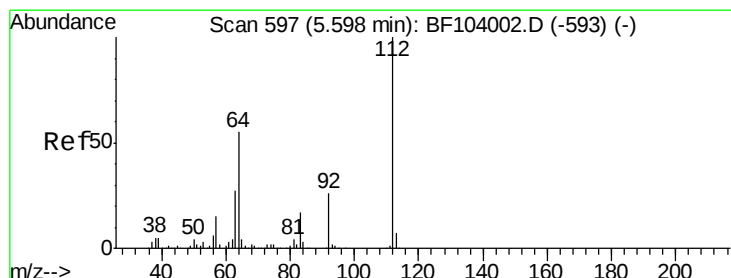
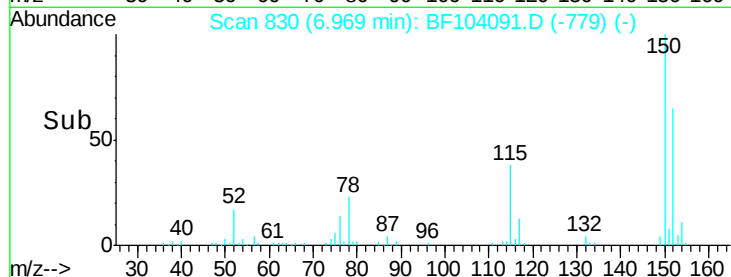
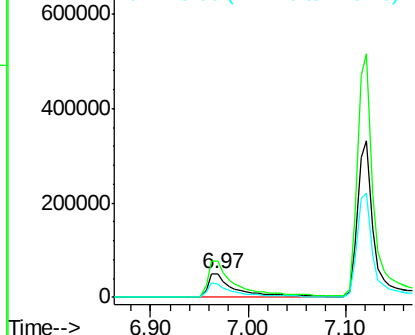
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	58.9	50.1	75.1



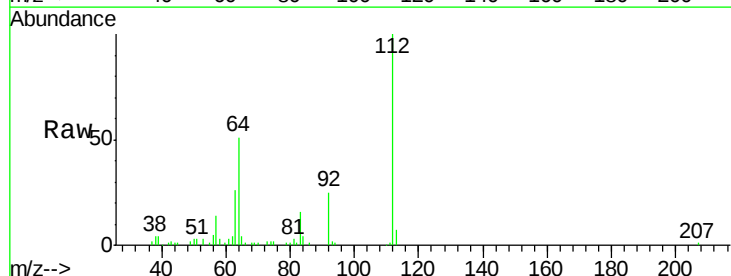
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



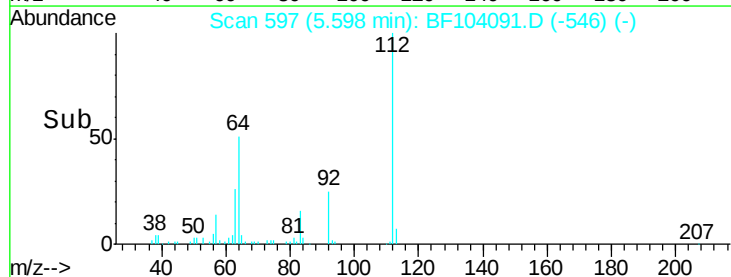
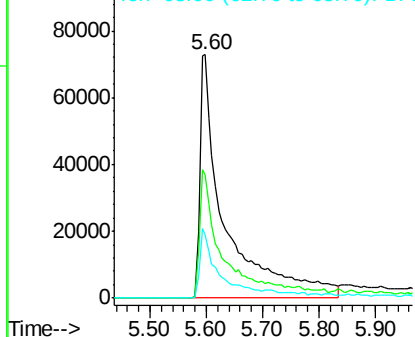
#5

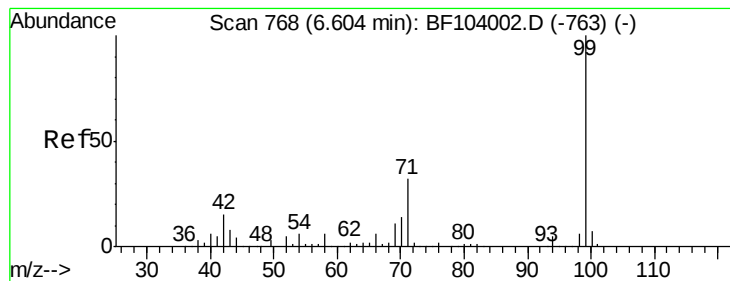
2-Fluorophenol
Concen: 35.293 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	26.0	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: 24.278 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

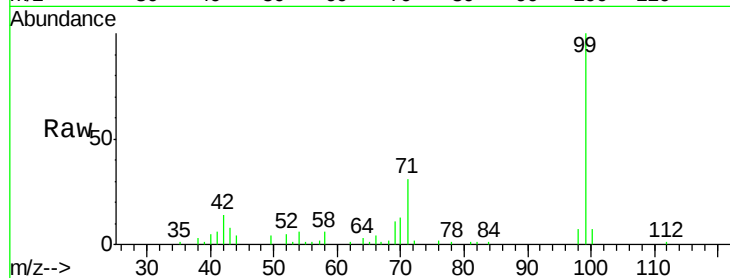
Tot Ion: 99 Resp: 190576

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

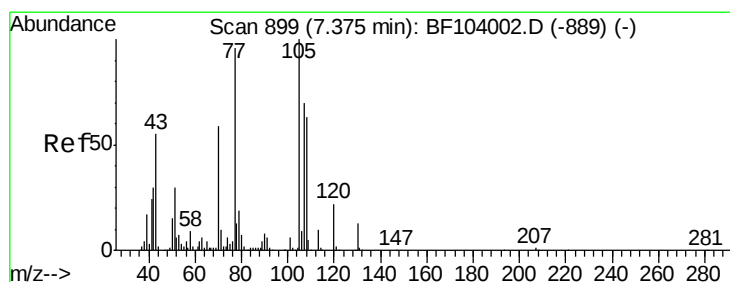
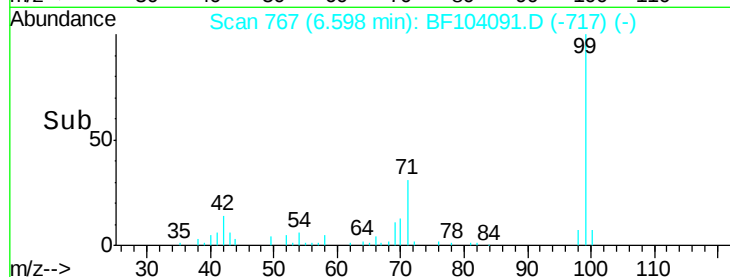
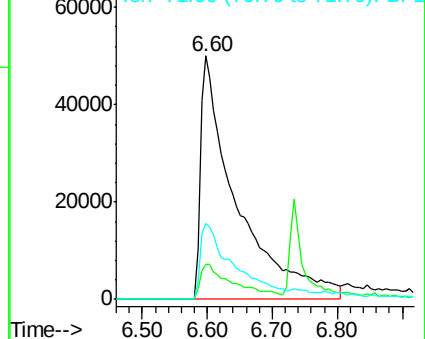
71 31.1 25.4 38.0



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: 16.712 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

Tgt Ion: 70 Resp: 77854

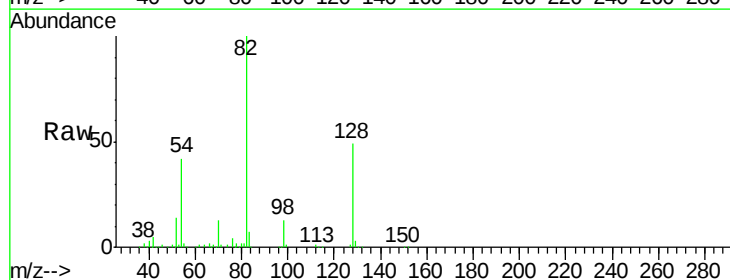
Ion Ratio Lower Upper

70 100

42 39.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

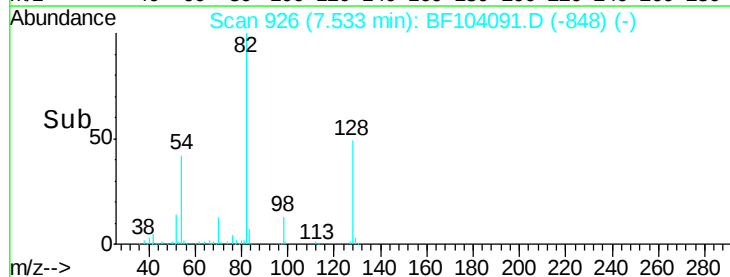
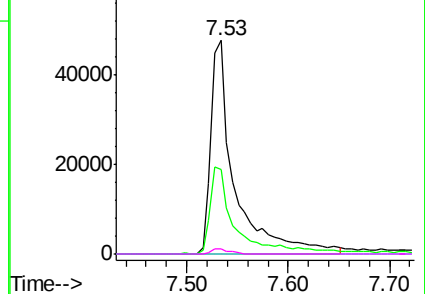


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

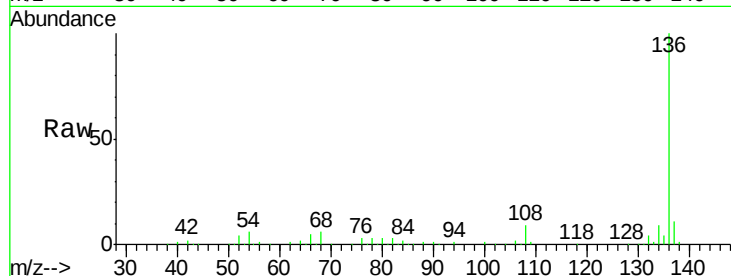




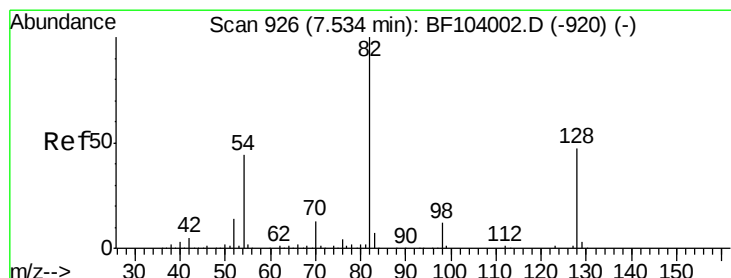
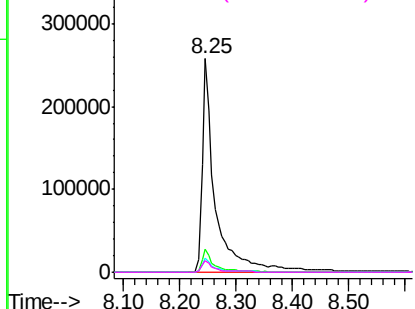
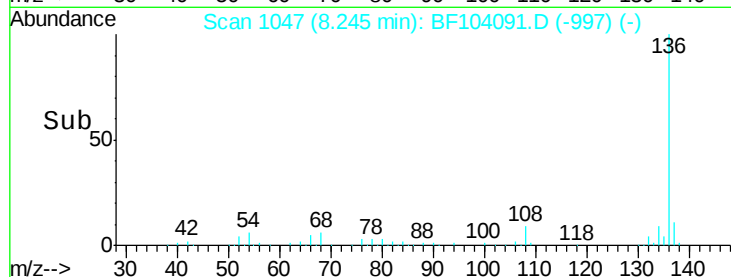
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	425617
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.4	6.6 9.8#
68	5.6	5.0 7.4

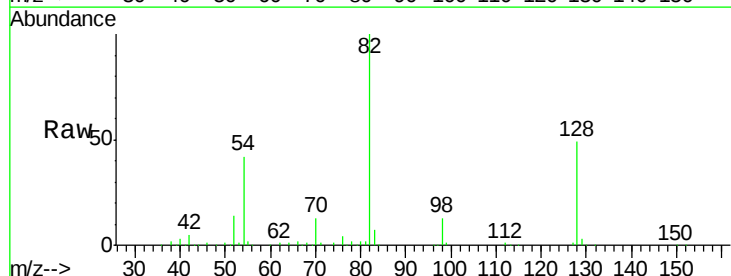


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

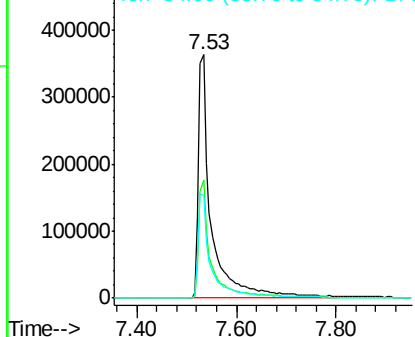
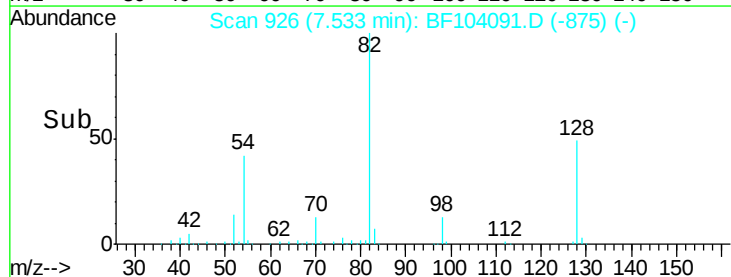


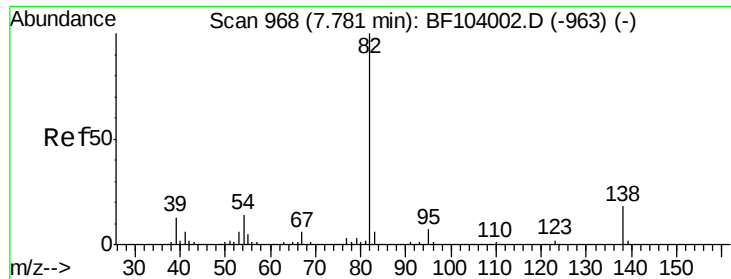
#23
Nitrobenzene-d5
Concen: 94.881 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Tgt Ion: 82	Resp:	660332
Ion Ratio	Lower	Upper
82	100	
128	48.6	36.1 54.1
54	42.3	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

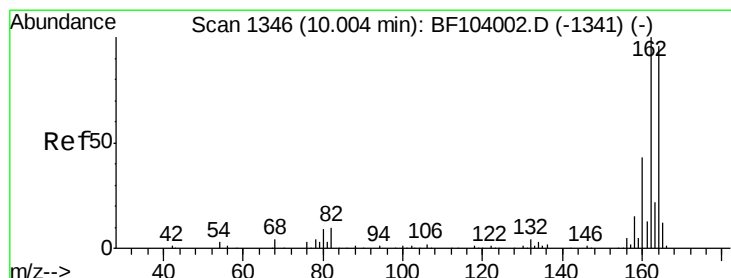
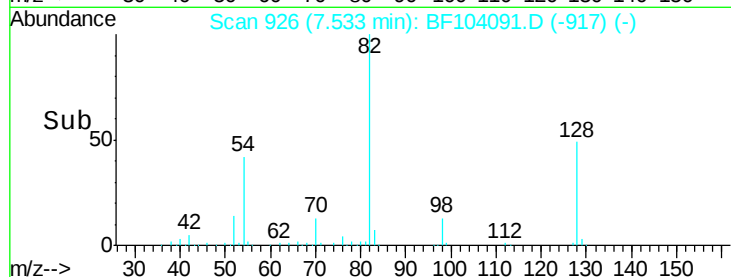
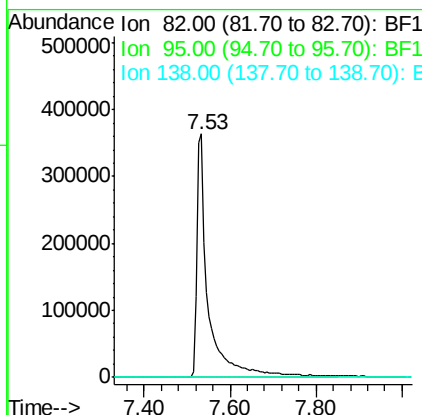
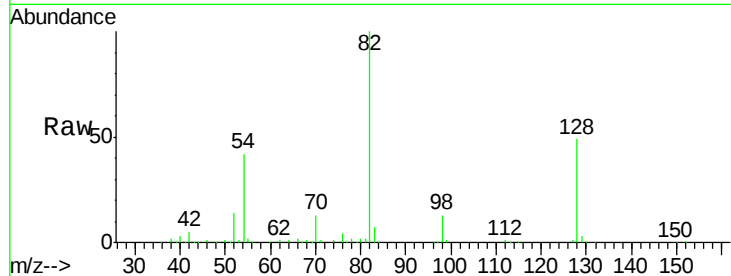




#25
Isophorone
Concen: 52.021 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

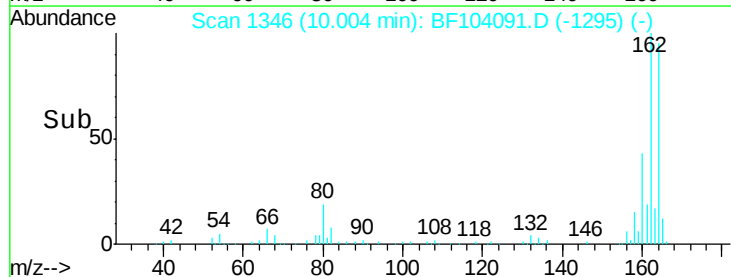
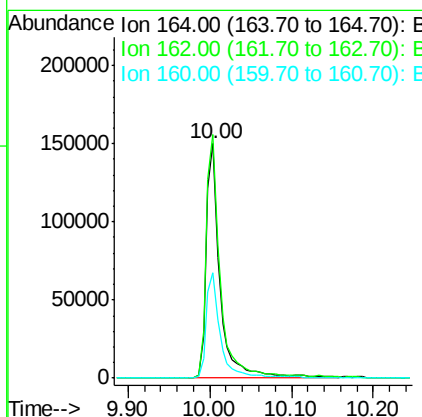
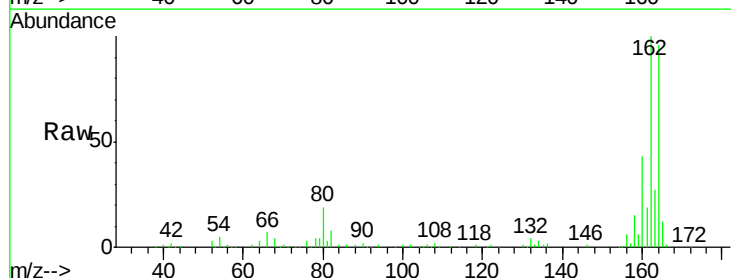
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 667209
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: BF104091.D
Acq: 30 Mar 2018 10:07

Tgt Ion:164 Resp: 176928
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 44.9 38.3 57.5

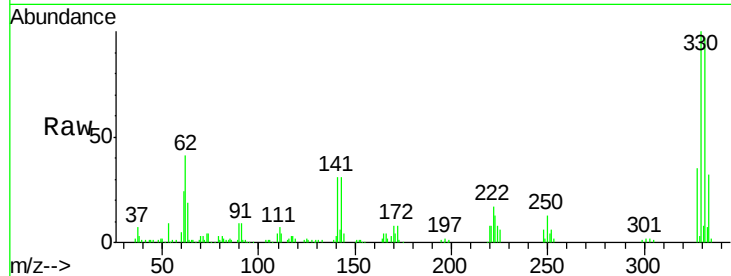




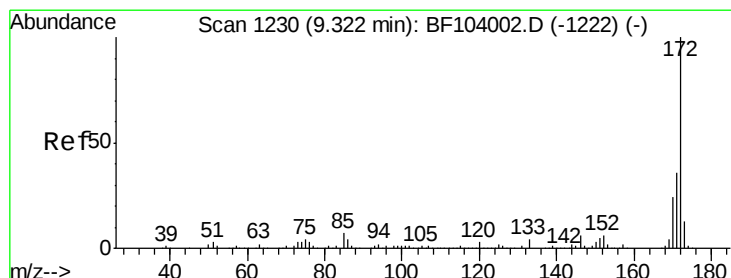
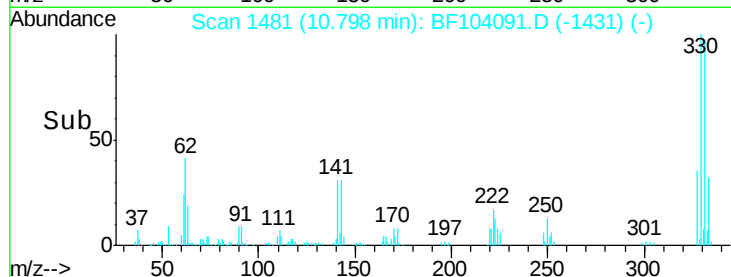
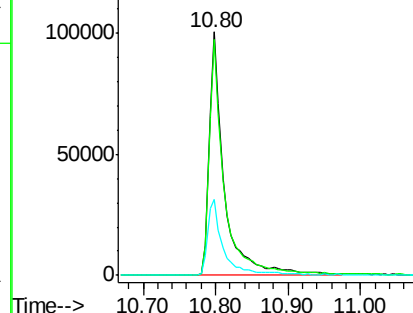
#41
 2,4,6-Tribromophenol
 Concen: 74.236 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 146252
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 32.5 29.9 44.9

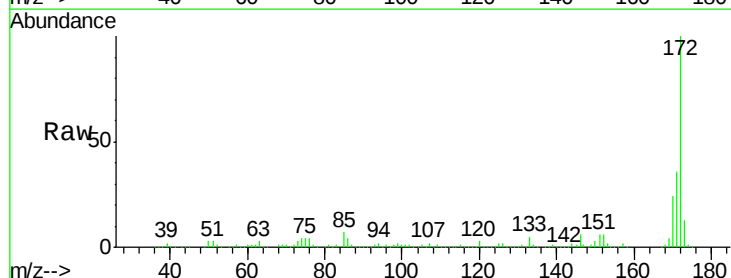


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

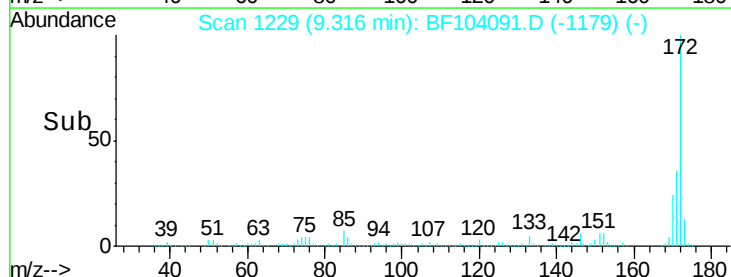
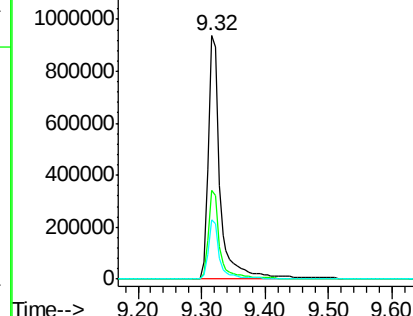


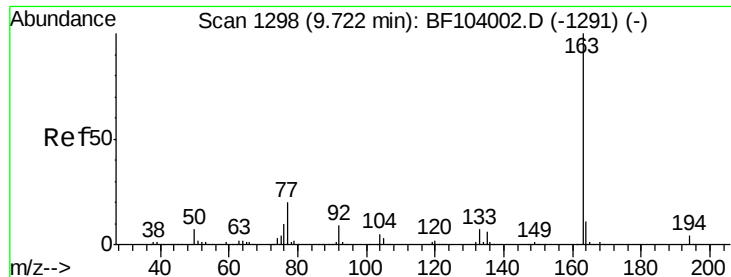
#44
 2-Fluorobiphenyl
 Concen: 109.804 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104091.D
 Acq: 30 Mar 2018 10:07

Tgt Ion:172 Resp: 1231988
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 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

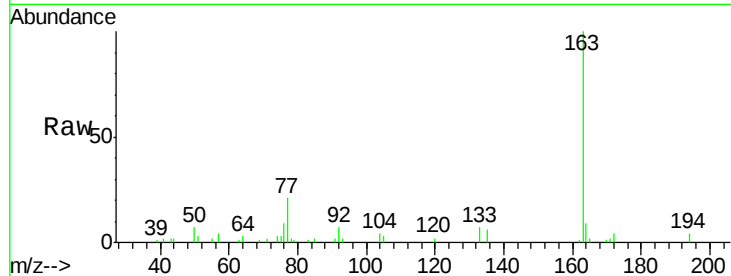




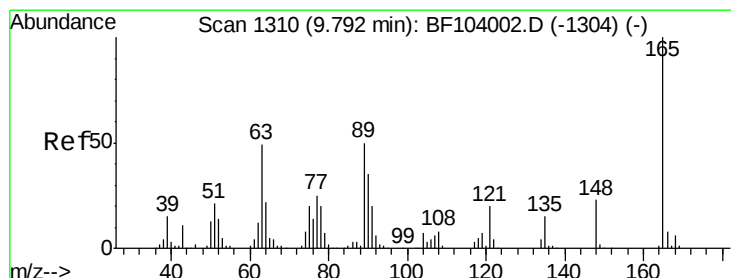
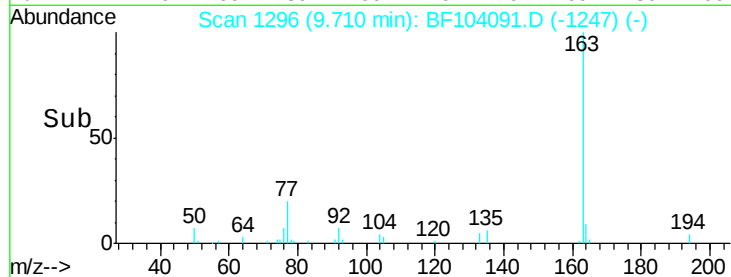
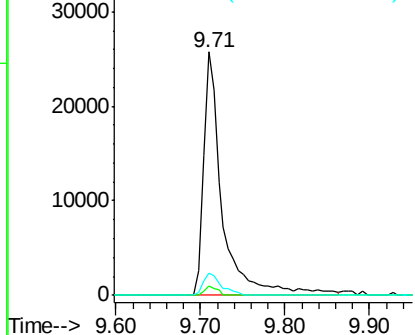
#49
Dimethylphthalate
Concen: 2.832 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 39562
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.4 8.2 12.2

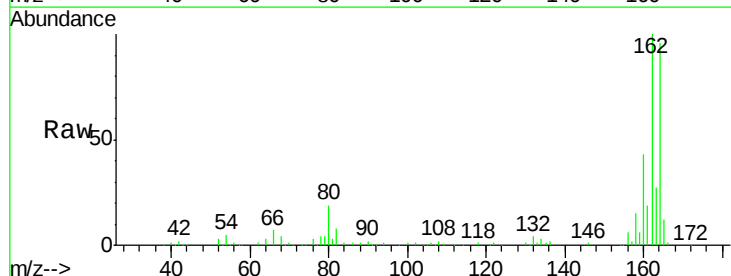


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

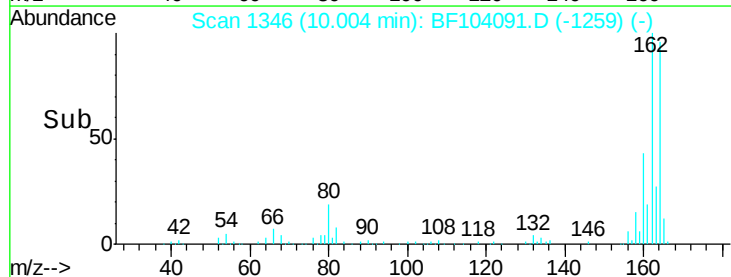
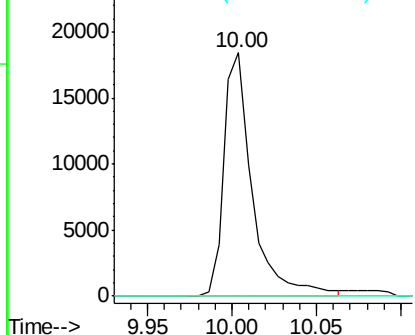


#50
2,6-Dinitrotoluene
Concen: 7.186 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Tgt Ion:165 Resp: 21597
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 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

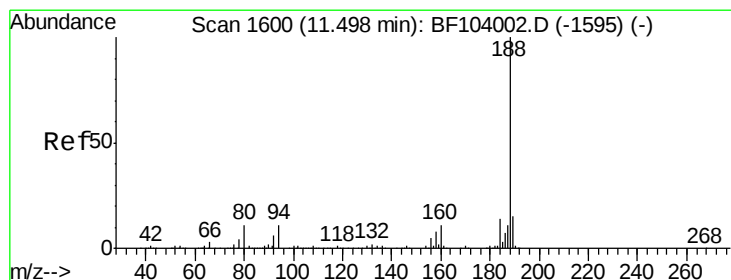
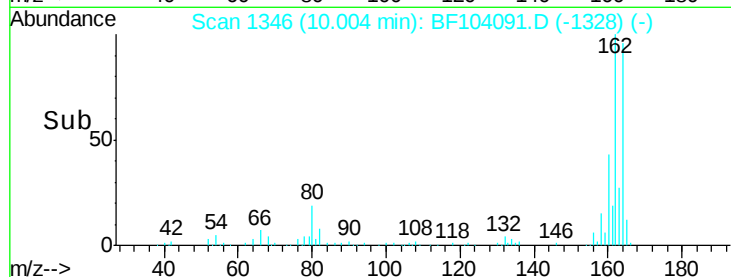
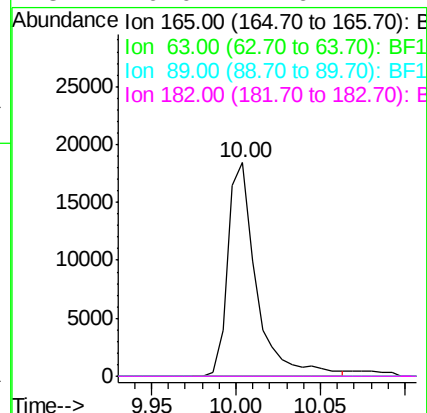
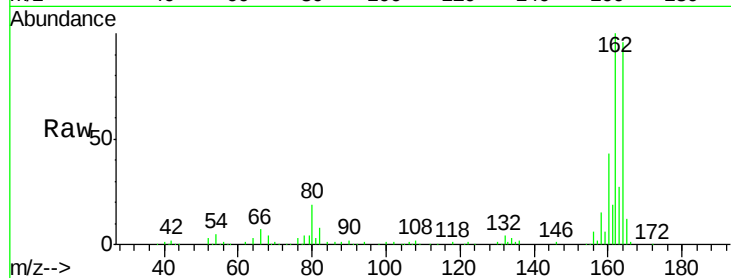




#56
2,4-Dinitrotoluene
Concen: 5.632 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

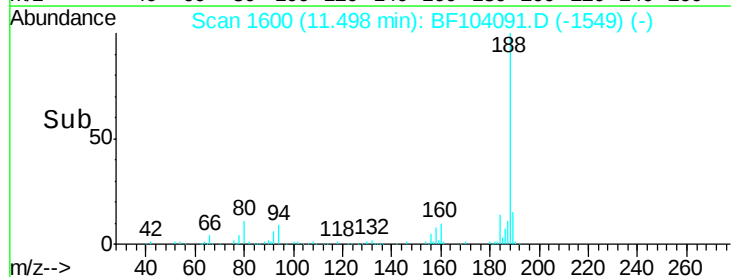
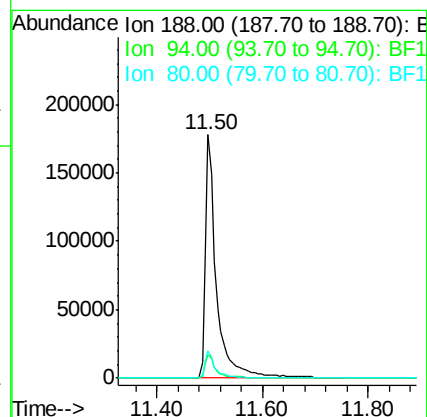
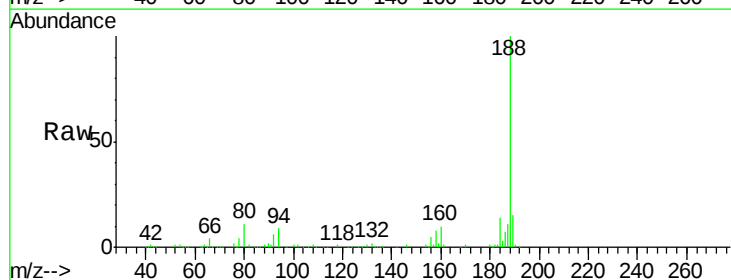
Instrument :
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ClientSampled :

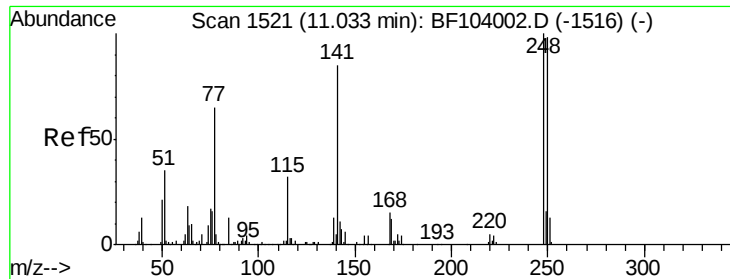
Tot Ion:165 Resp: 21597
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Tgt Ion:188 Resp: 261148
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 11.1 9.2 13.8

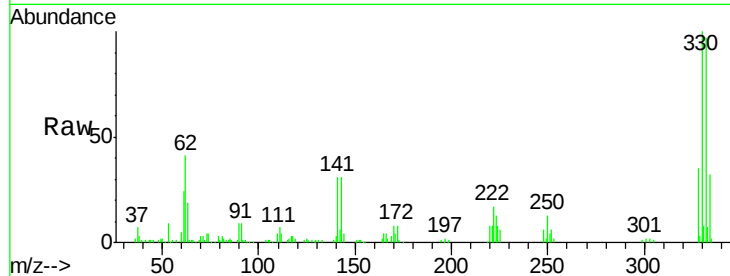




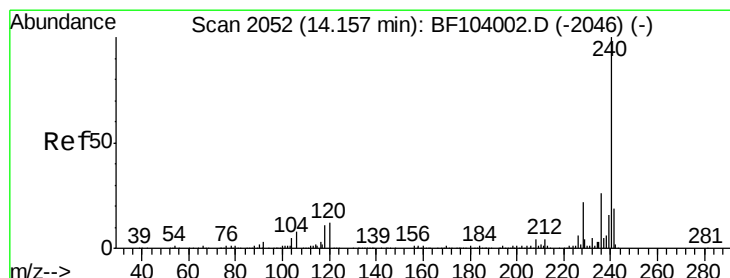
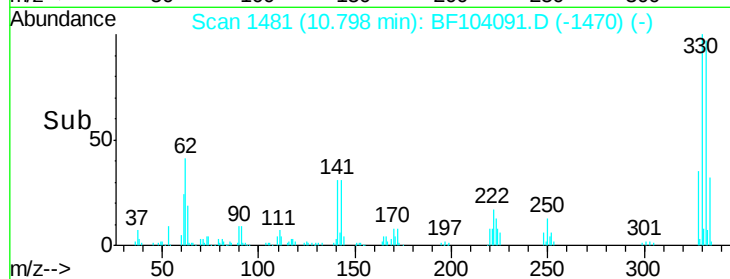
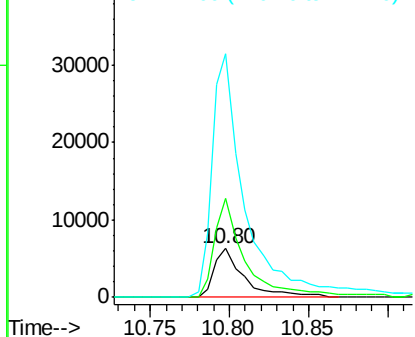
#66
4-Bromophenyl-phenylether
Concen: 3.022 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8443
Ion Ratio Lower Upper
248 100
250 204.1 76.9 115.3#
141 501.4 74.4 111.6#

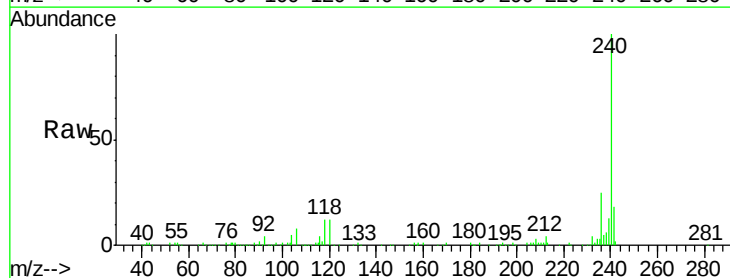


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

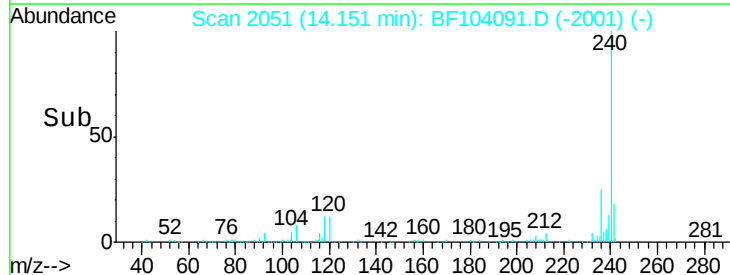
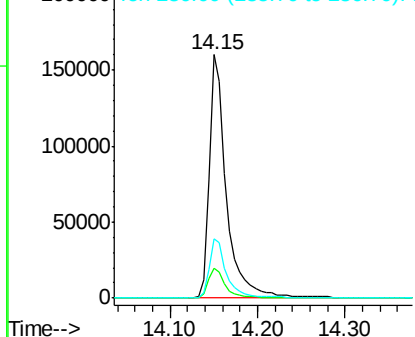


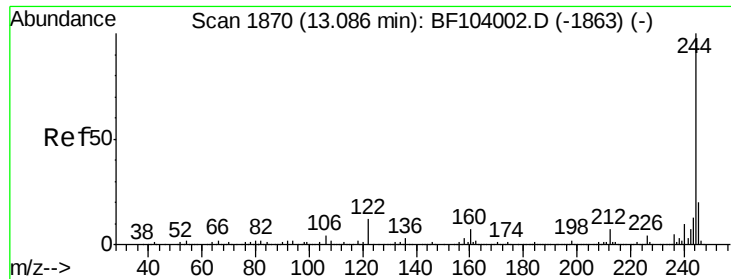
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104091.D
Acq: 30 Mar 2018 10:07

Tgt Ion:240 Resp: 217719
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 24.6 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: 81.772 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

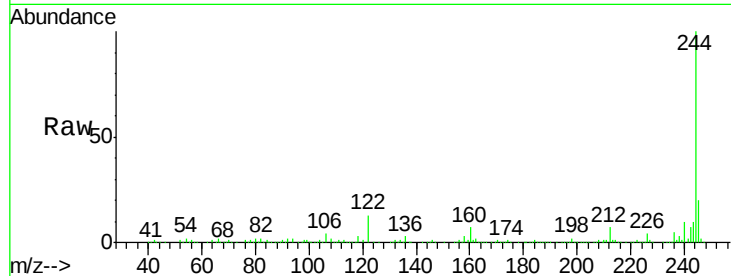
Tot Ion:244 Resp: 771058

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

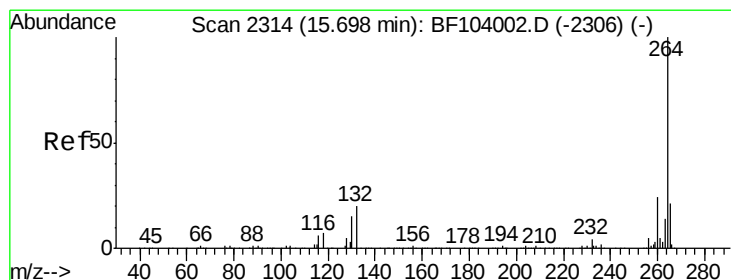
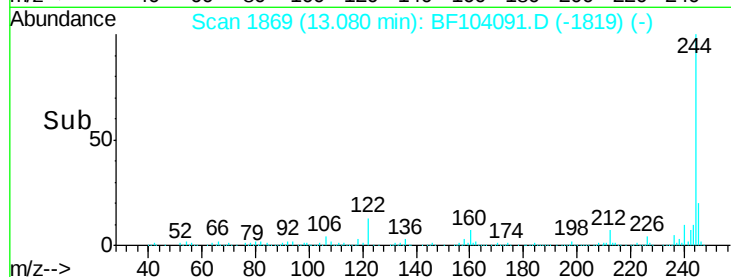
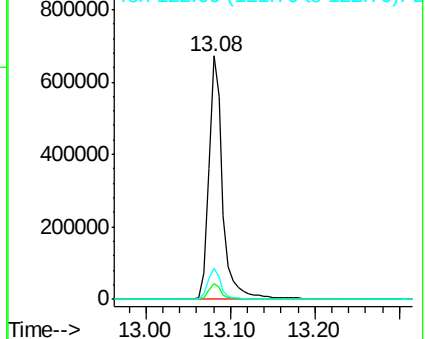
122 12.6 11.0 16.4



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: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF104091.D

Acq: 30 Mar 2018 10:07

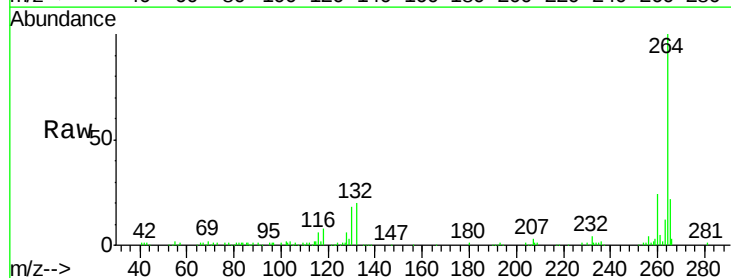
Tgt Ion:264 Resp: 206192

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.5 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

