

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104090.D
 Acq On : 30 Mar 2018 9:40
 Operator : JU/SJ
 Sample : J2113-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 11:18:31 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

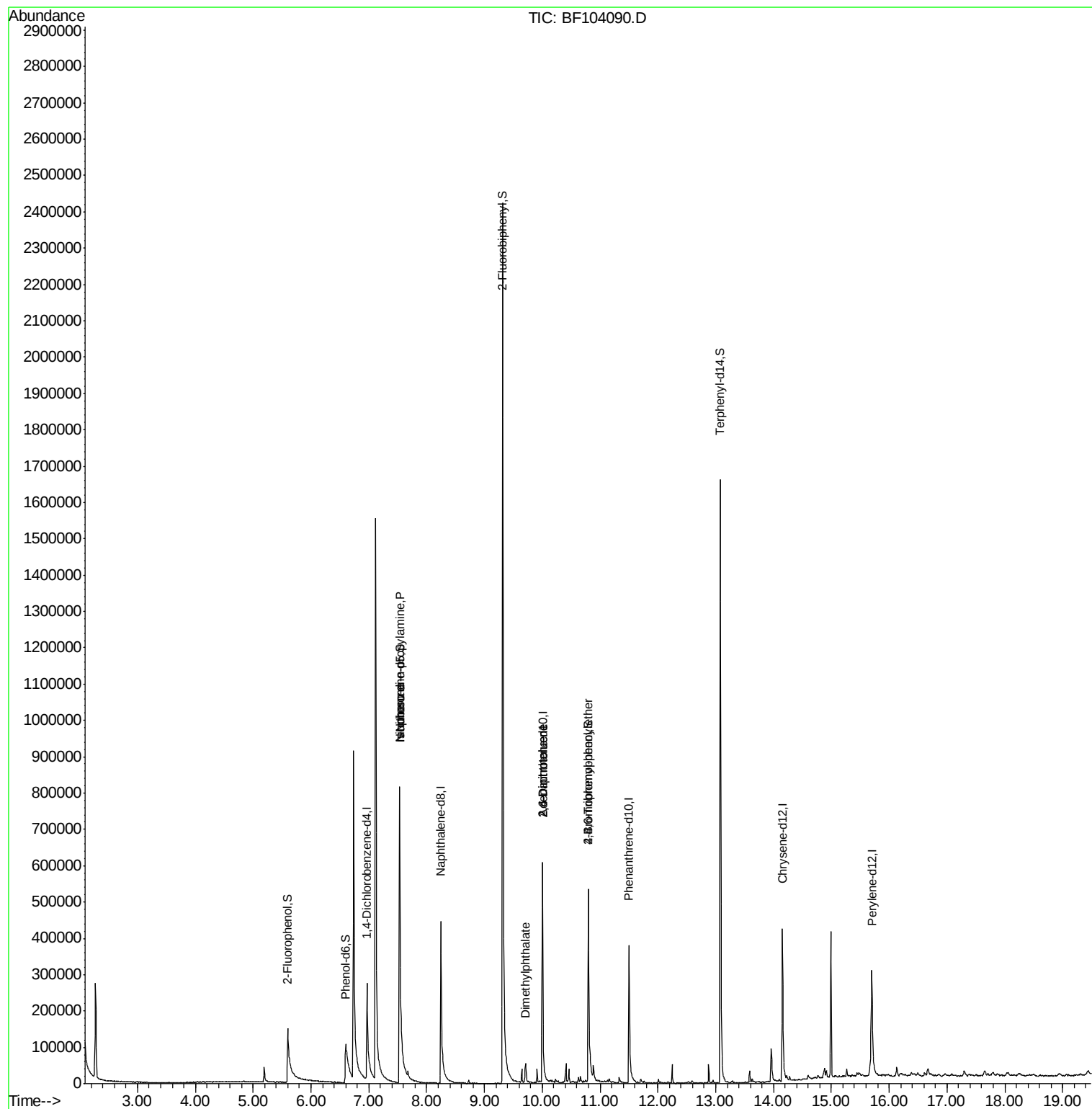
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	94309	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	390028	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	166409	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	236751	20.00	ng	0.00
75) Chrysene-d12	14.16	240	216464	20.00	ng	0.00
86) Perylene-d12	15.70	264	201738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	167628	28.35	ng	0.00
7) Phenol-d6	6.60	99	177388	24.38	ng	0.00
23) Nitrobenzene-d5	7.53	82	563215	88.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	115713	62.45	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1059578	100.41	ng	0.00
78) Terphenyl-d14	13.08	244	677368	72.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	64921	15.036	ng	# 72
25) Isophorone	7.53	82	563215	47.919	ng	# 64
49) Dimethylphthalate	9.71	163	36982	2.815	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	19749	6.987	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	20013	5.549	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	6984	2.757	ng	# 1

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

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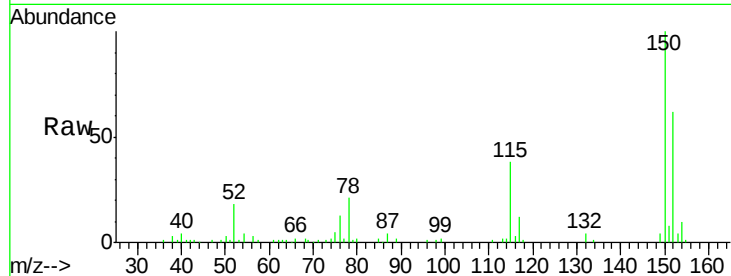


#1

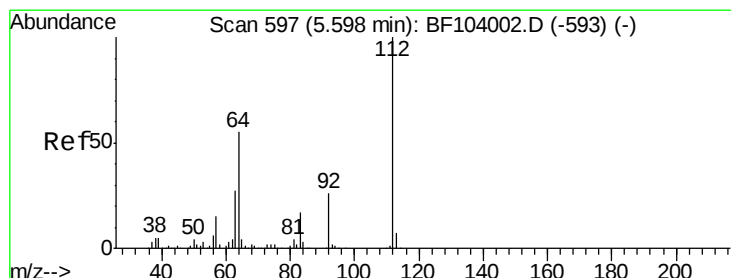
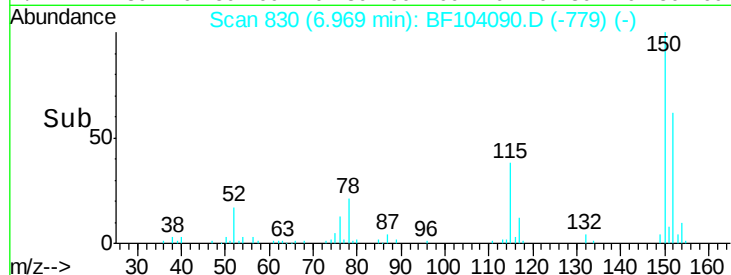
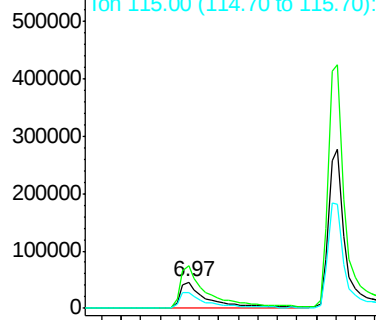
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104090.D
Acq: 30 Mar 2018 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 94309
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 61.7 50.1 75.1



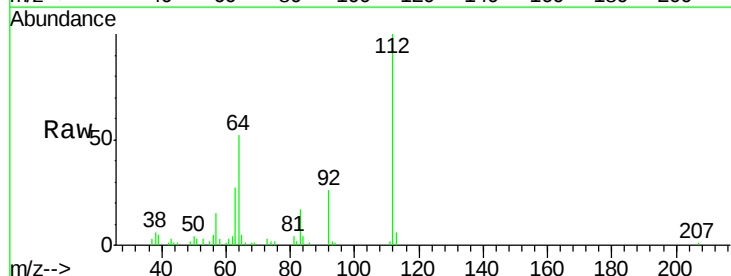
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



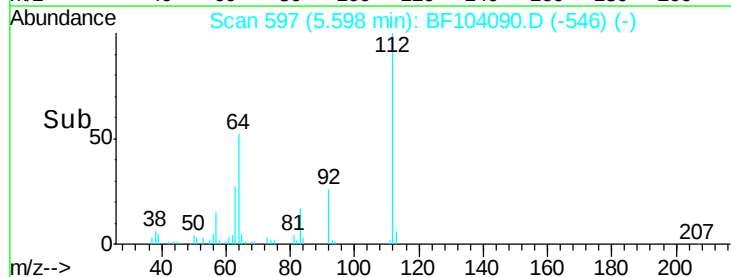
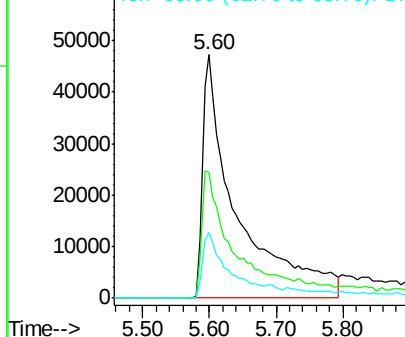
#5

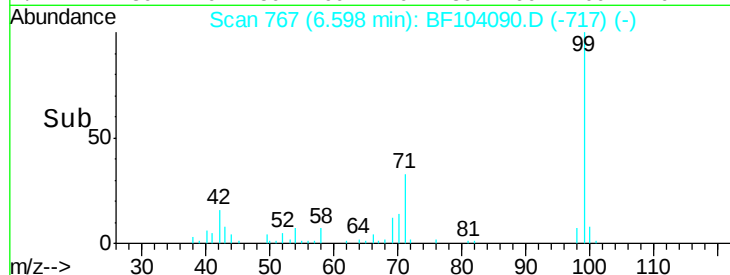
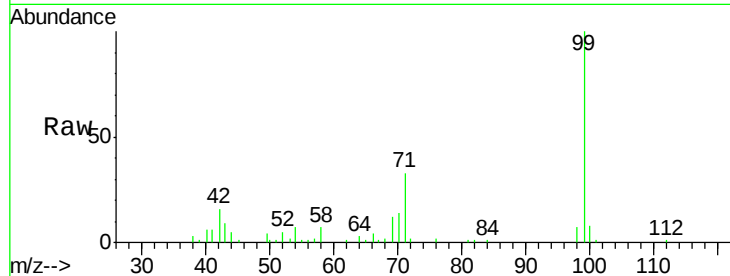
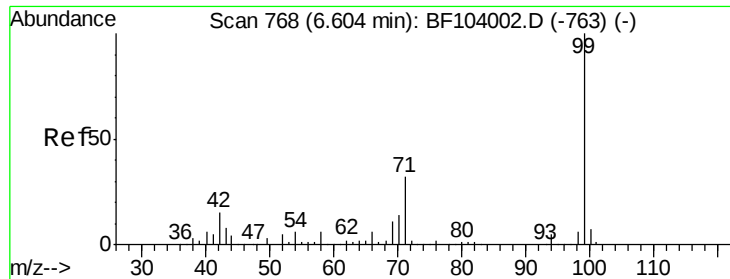
2-Fluorophenol
Concen: 28.346 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104090.D
Acq: 30 Mar 2018 9:40

Tgt Ion:112 Resp: 167628
Ion Ratio Lower Upper
112 100
64 51.6 47.9 71.9
63 27.2 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: 24.381 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104090.D

Acq: 30 Mar 2018 9:40

Instrument :

BNA_F

ClientSampled :

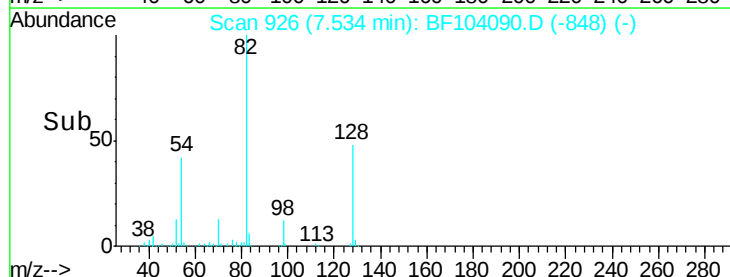
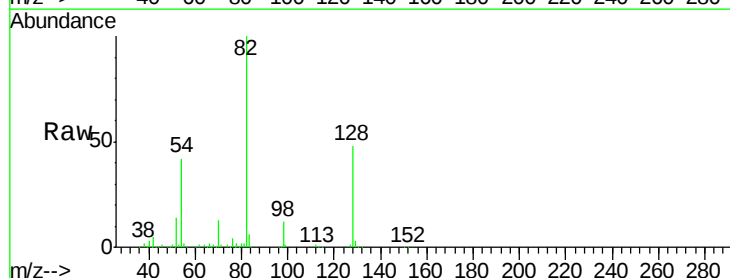
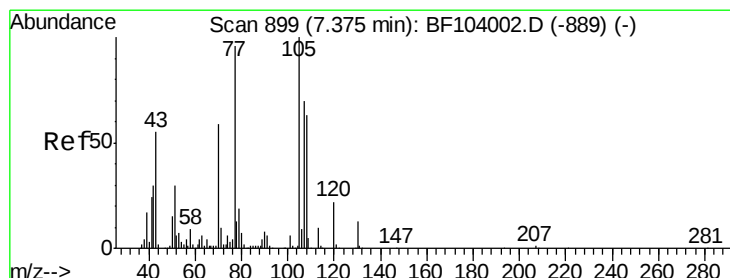
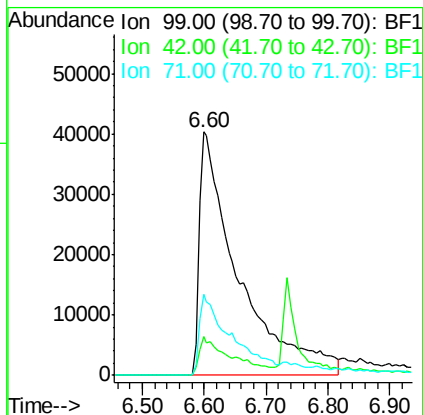
Tot Ion: 99 Resp: 177388

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.036 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF104090.D

Acq: 30 Mar 2018 9:40

Tgt Ion: 70 Resp: 64921

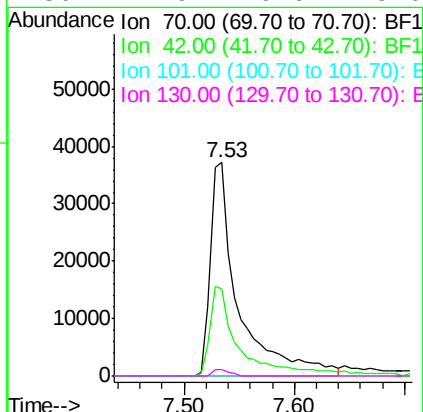
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

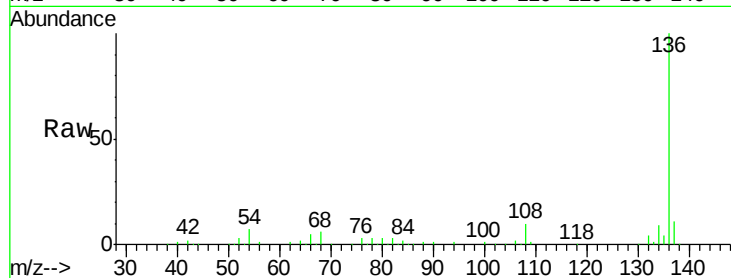




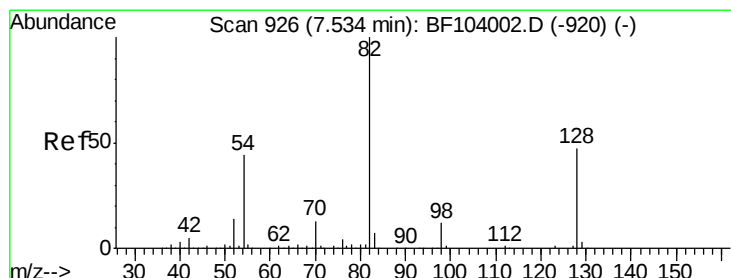
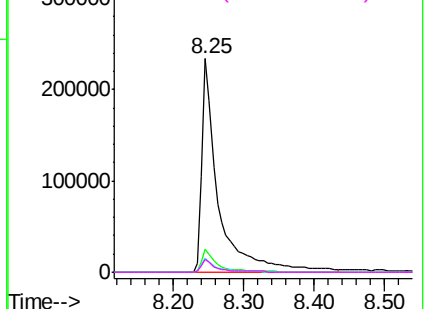
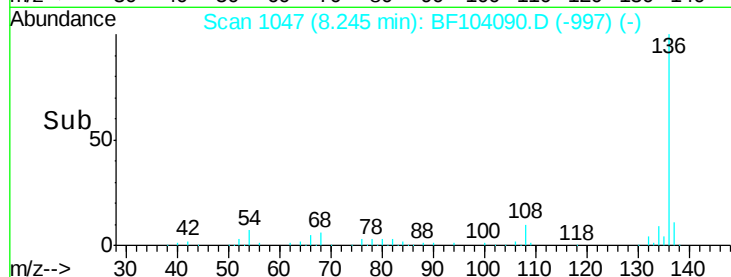
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104090.D
Acq: 30 Mar 2018 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	390028
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.8	6.6 9.8
68	5.8	5.0 7.4

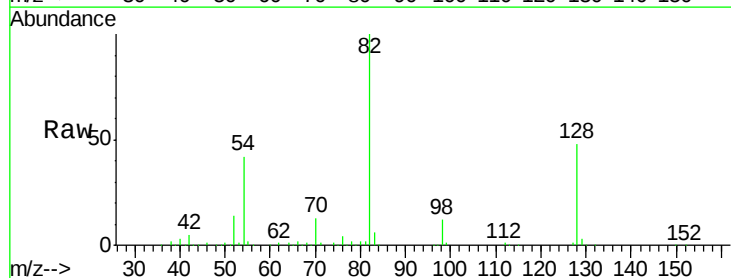


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

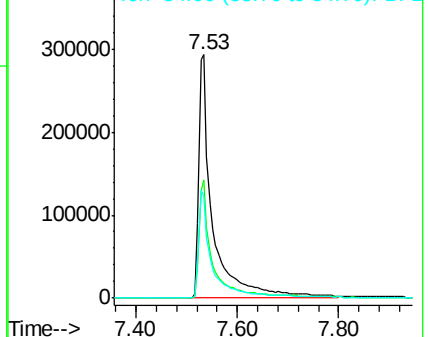
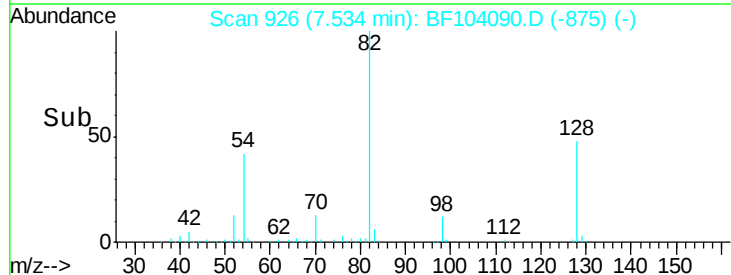


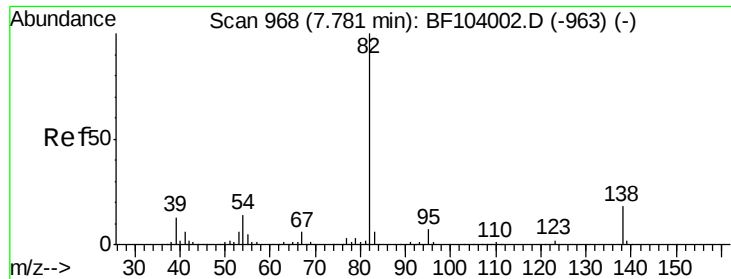
#23
Nitrobenzene-d5
Concen: 88.311 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104090.D
Acq: 30 Mar 2018 9:40

Tgt Ion: 82	Resp:	563215
Ion Ratio	Lower	Upper
82	100	
128	48.4	36.1 54.1
54	41.9	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: 47.919 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF104090.D

Acq: 30 Mar 2018 9:40

Instrument :

BNA_F

ClientSampleId :

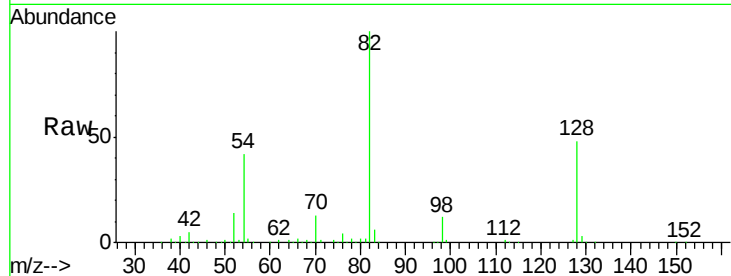
Tot Ion: 82 Resp: 563215

Ion Ratio Lower Upper

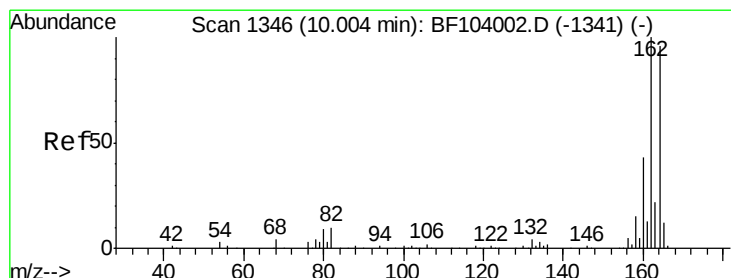
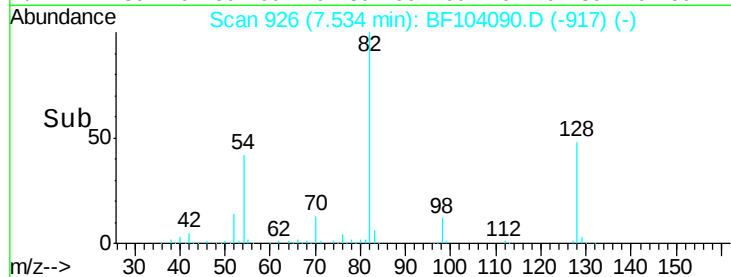
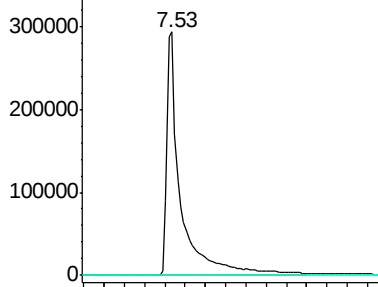
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104090.D

Acq: 30 Mar 2018 9:40

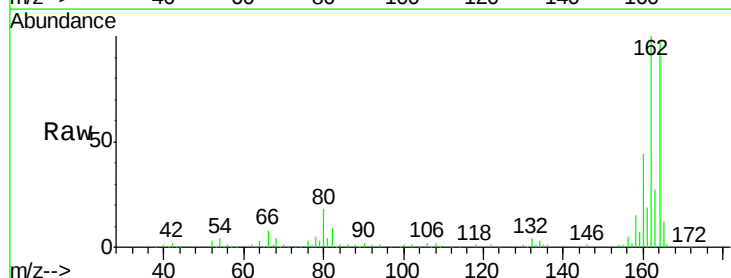
Tgt Ion: 164 Resp: 166409

Ion Ratio Lower Upper

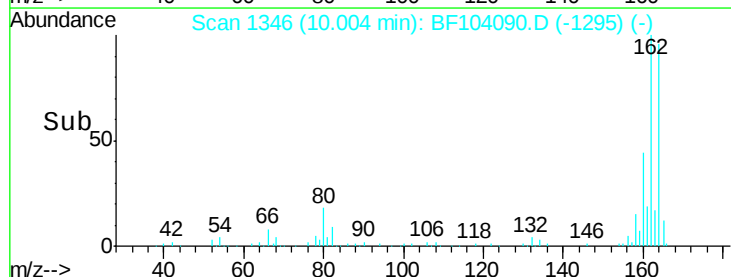
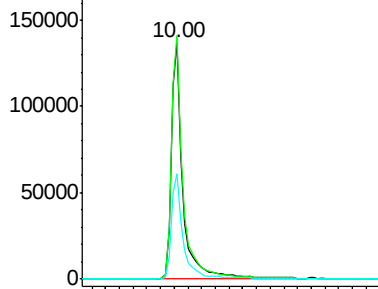
164 100

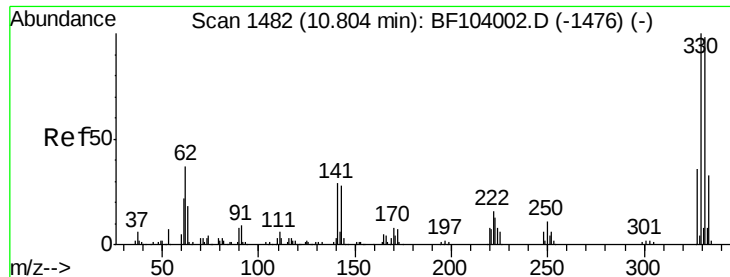
162 103.1 86.1 129.1

160 44.9 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

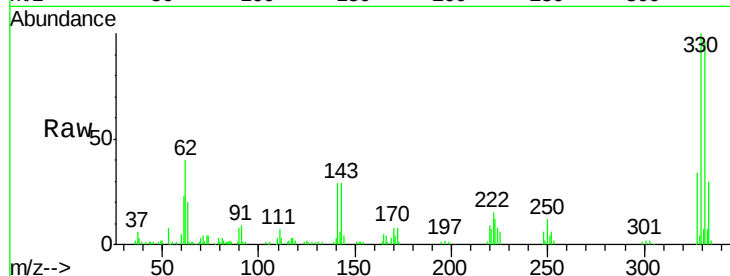




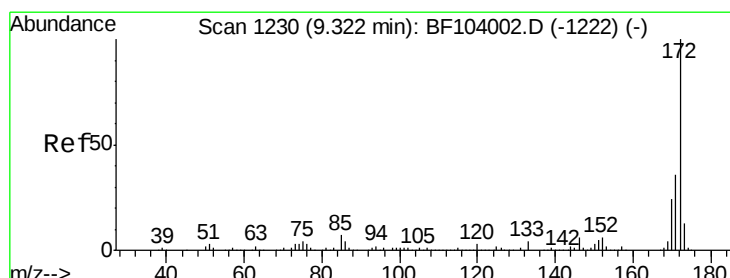
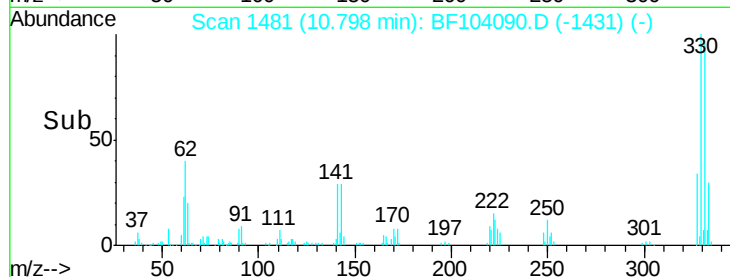
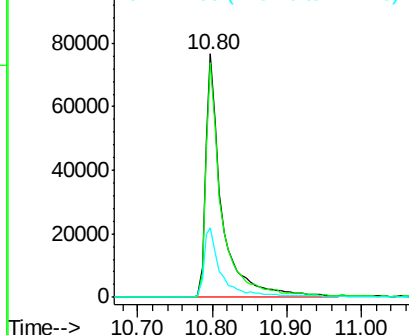
#41
 2,4,6-Tribromophenol
 Concen: 62.447 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104090.D
 Acq: 30 Mar 2018 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 115713
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 31.0 29.9 44.9

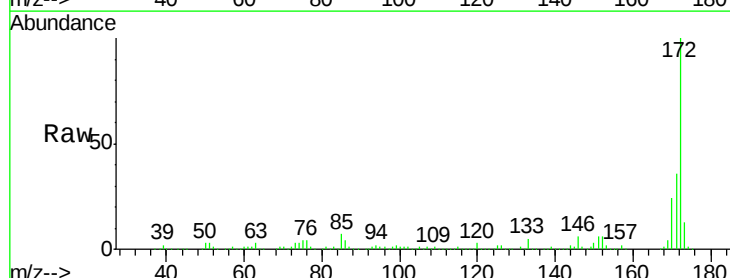


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

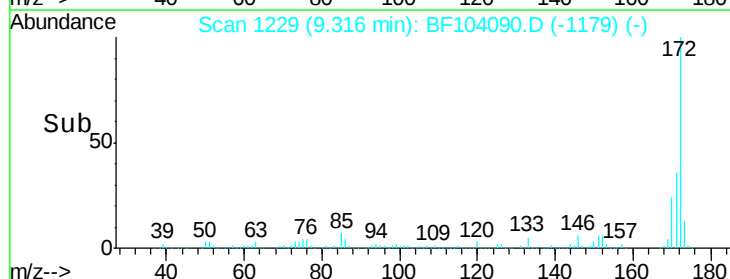
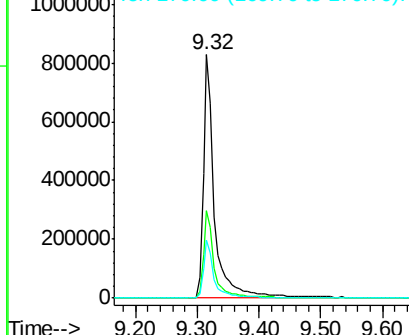


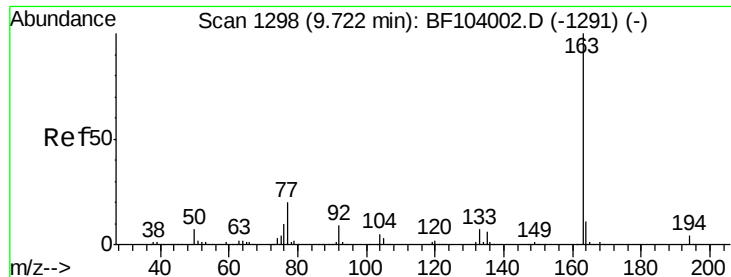
#44
 2-Fluorobiphenyl
 Concen: 100.407 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104090.D
 Acq: 30 Mar 2018 9:40

Tgt Ion:172 Resp: 1059578
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

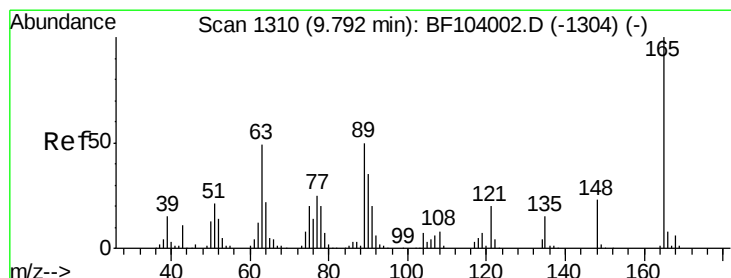
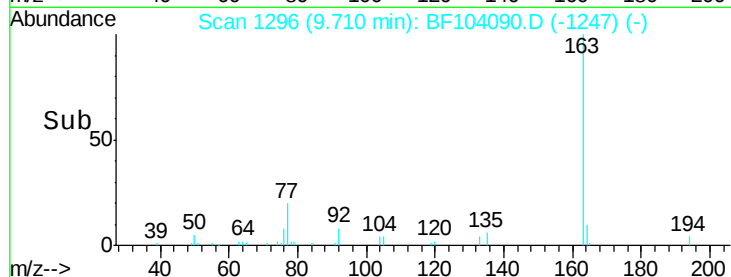
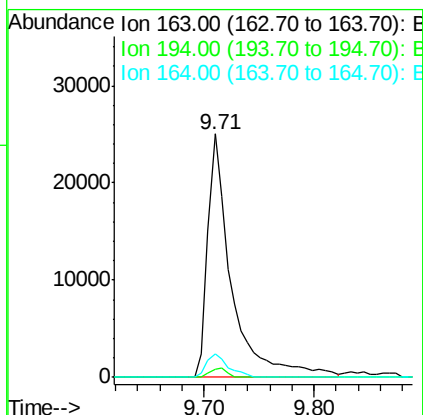
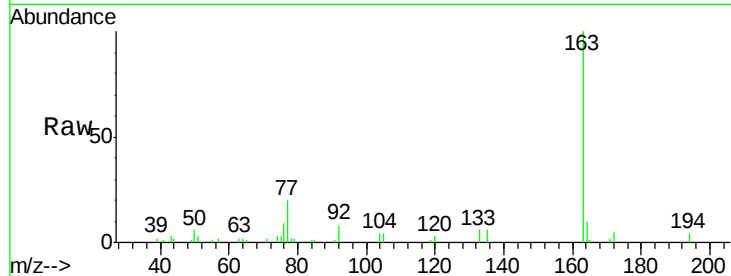




#49
Dimethylphthalate
Concen: 2.815 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104090.D
Acq: 30 Mar 2018 9:40

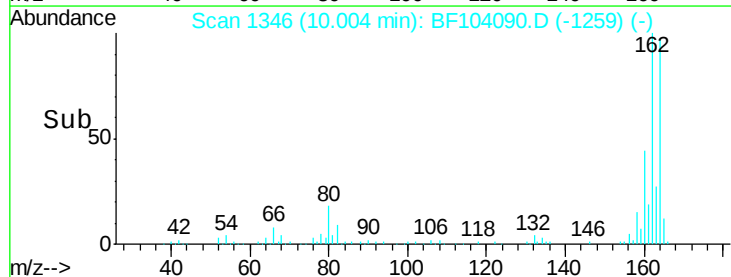
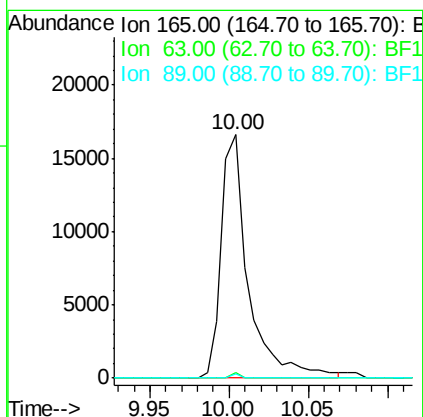
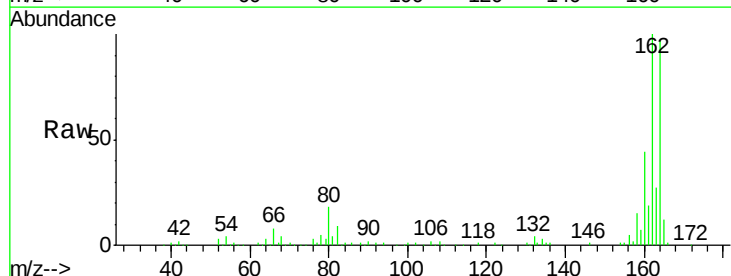
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 36982
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 6.987 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104090.D
Acq: 30 Mar 2018 9:40

Tgt Ion:165 Resp: 19749
Ion Ratio Lower Upper
165 100
63 2.1 44.7 67.1#
89 1.9 44.0 66.0#





#56

2,4-Dinitrotoluene

Concen: 5.549 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.19 min

Lab File: BF104090.D

Acq: 30 Mar 2018 9:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20013

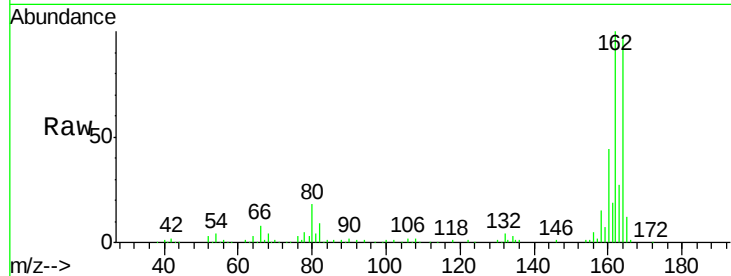
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

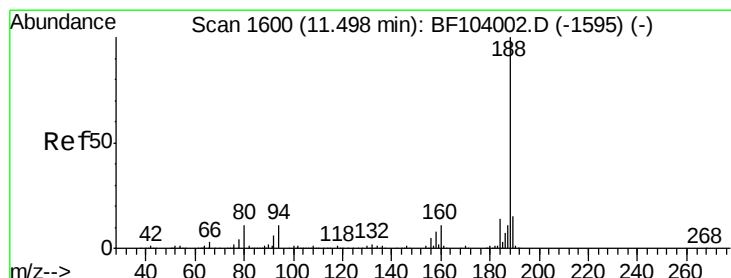
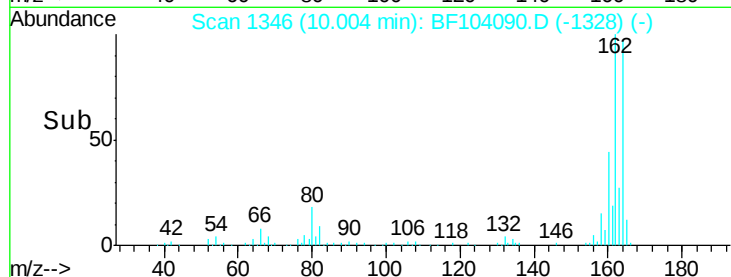
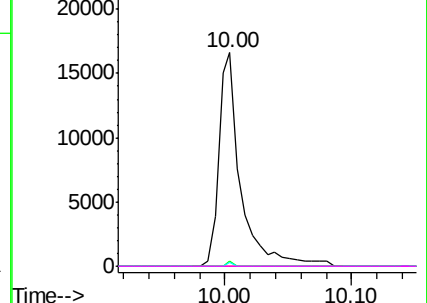


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104090.D

Acq: 30 Mar 2018 9:40

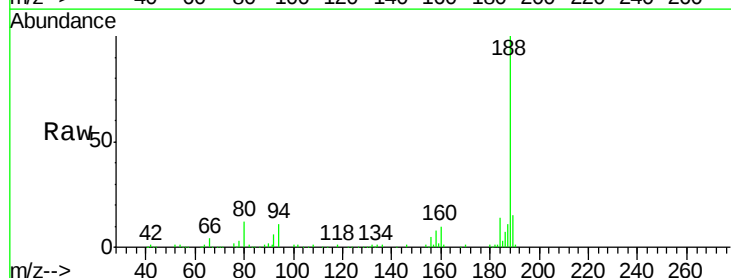
Tgt Ion:188 Resp: 236751

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

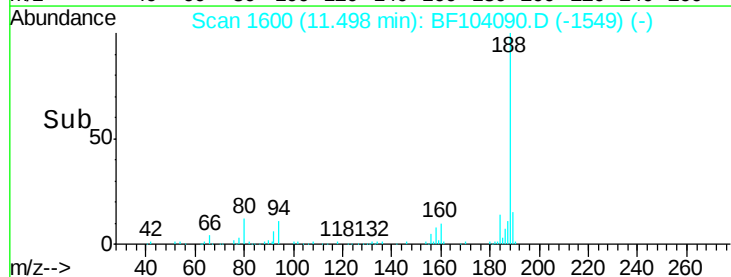
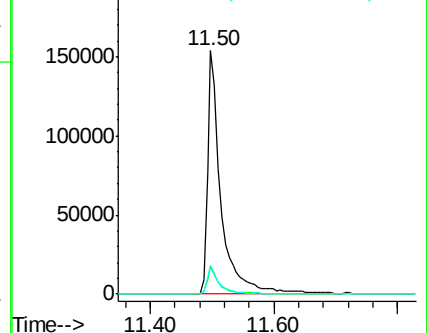
80 11.8 9.2 13.8

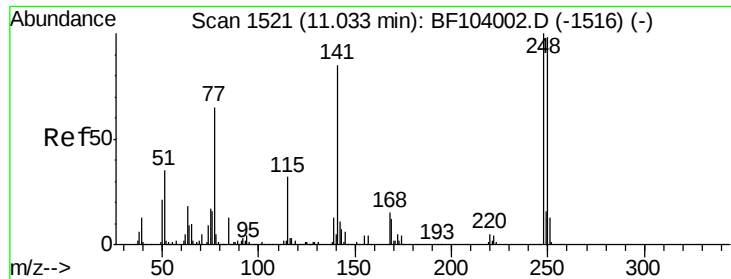


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

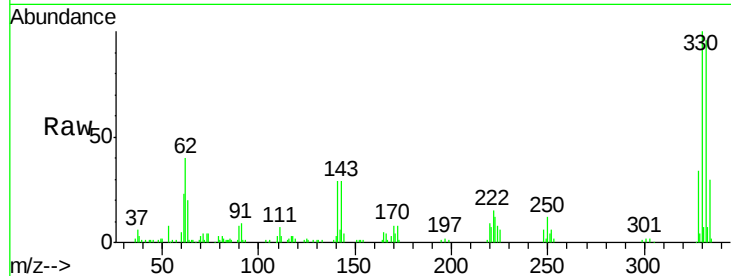




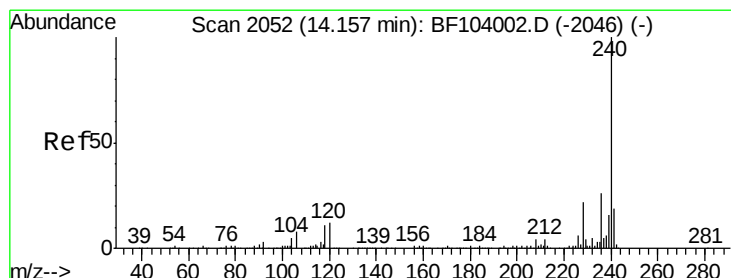
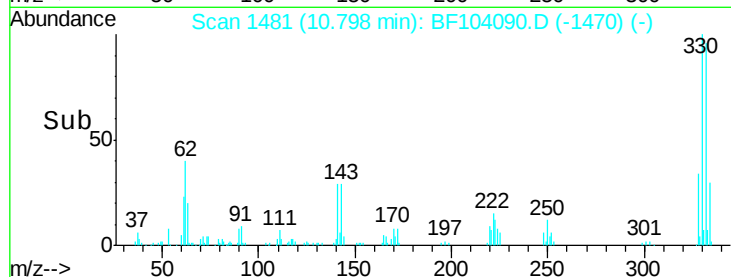
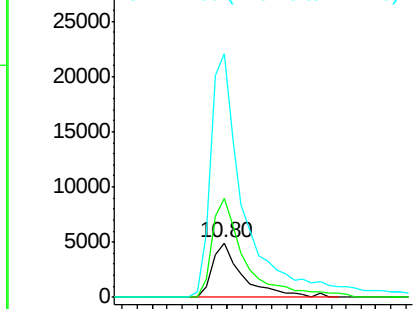
#66
4-Bromophenyl-phenylether
Concen: 2.757 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104090.D
Acq: 30 Mar 2018 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6984
Ion Ratio Lower Upper
248 100
250 181.1 76.9 115.3#
141 447.8 74.4 111.6#

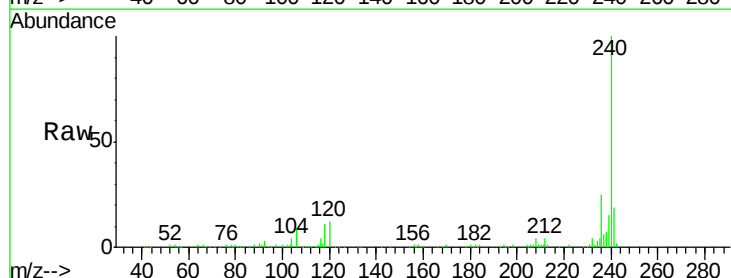


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

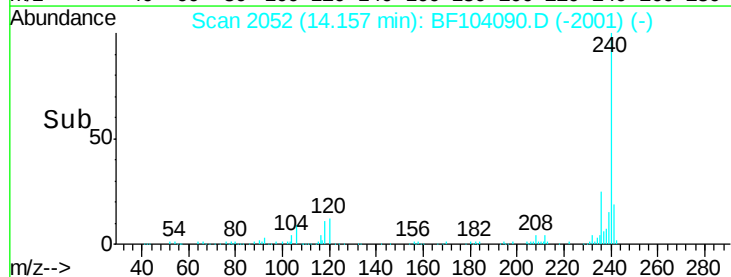
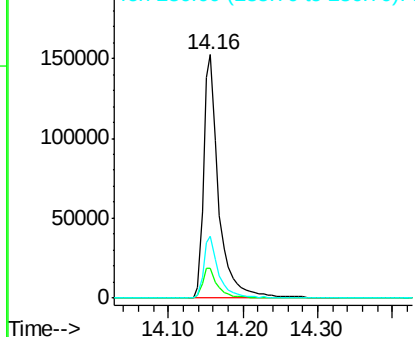


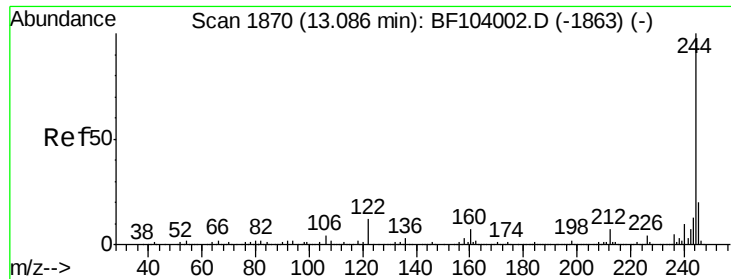
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104090.D
Acq: 30 Mar 2018 9:40

Tgt Ion:240 Resp: 216464
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.2 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: 72.253 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104090.D

Acq: 30 Mar 2018 9:40

Instrument :

BNA_F

ClientSampleId :

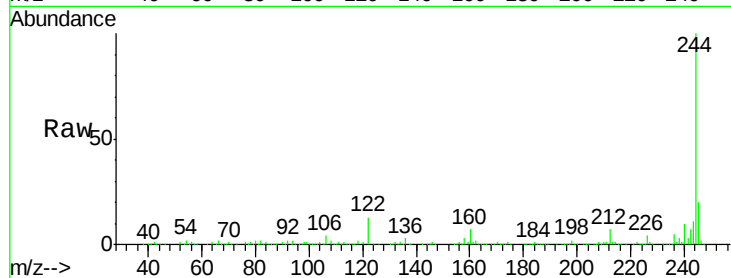
Tot Ion:244 Resp: 677368

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

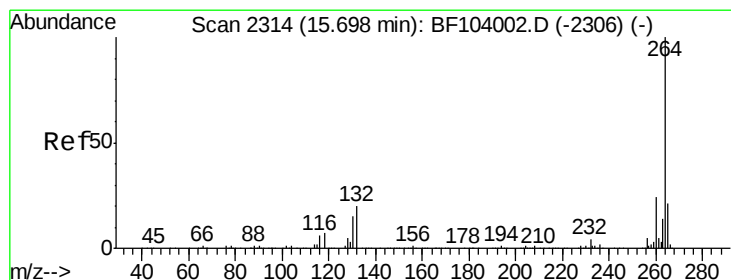
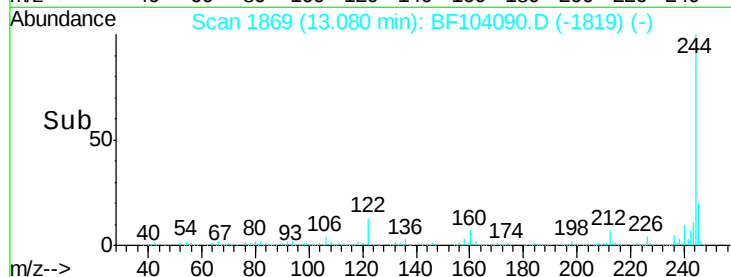
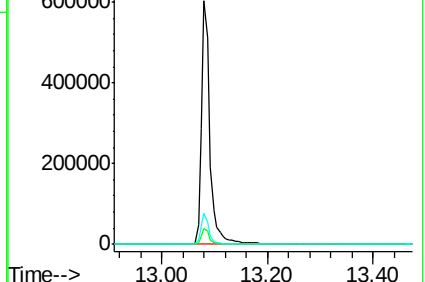
122 12.8 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104090.D

Acq: 30 Mar 2018 9:40

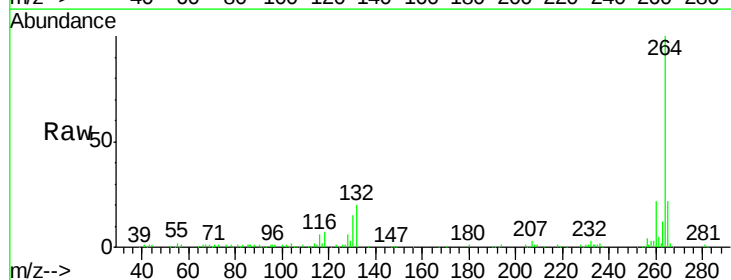
Tgt Ion:264 Resp: 201738

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 21.6 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

