

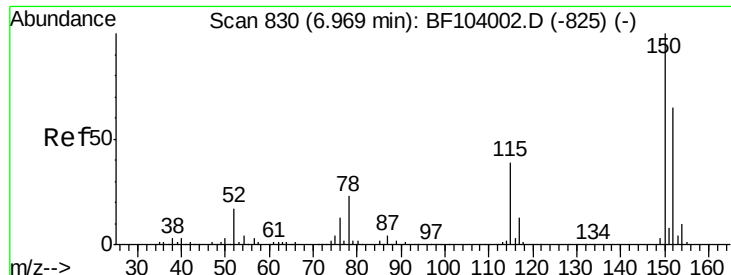
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104183.D
 Acq On : 3 Apr 2018 15:42
 Operator : JU/SJ
 Sample : J2114-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 16:11:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	91436	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	367522	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	150106	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	222336	20.00	ng	0.00
75) Chrysene-d12	14.15	240	215072	20.00	ng	0.00
86) Perylene-d12	15.69	264	158087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	202206	35.27	ng	0.00
7) Phenol-d6	6.59	99	193037	27.37	ng	0.00
23) Nitrobenzene-d5	7.53	82	597782	99.47	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	132711	79.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1089272	114.43	ng	0.00
78) Terphenyl-d14	13.08	244	843361	90.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	64278	15.354	ng	# 71
25) Isophorone	7.53	82	606736	54.783	ng	# 64
49) Dimethylphthalate	9.70	163	30011	2.532	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	18459	7.240	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	18459	5.674	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	7675	3.227	ng	# 1

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

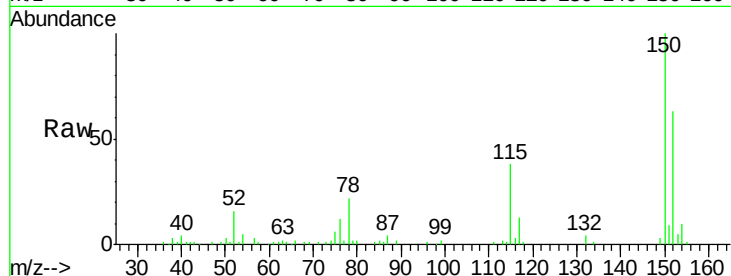


#1

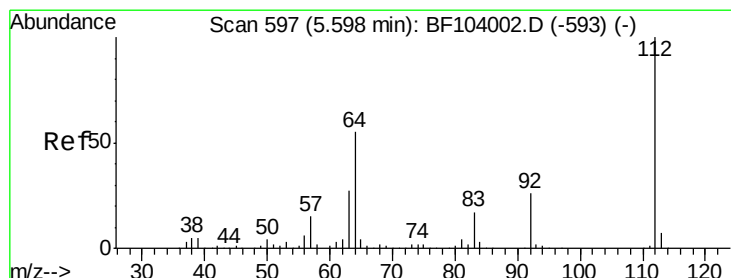
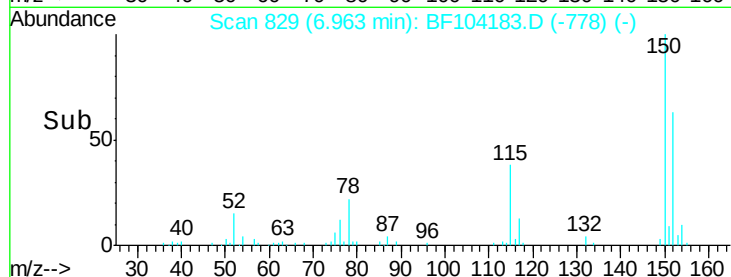
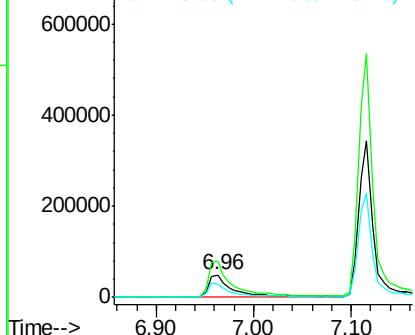
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104183.D
Acq: 3 Apr 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91436
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.2 50.1 75.1



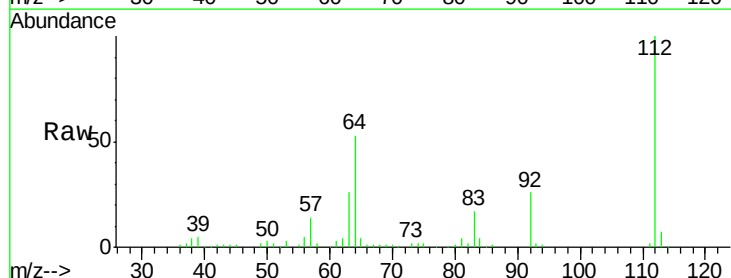
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



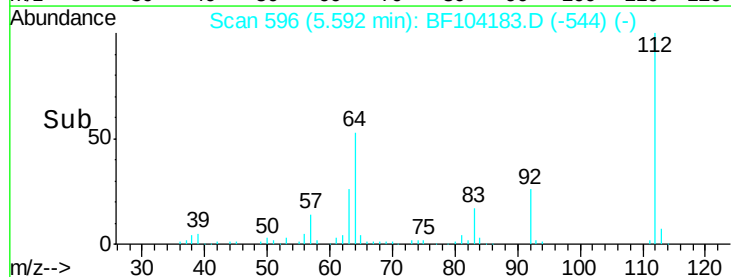
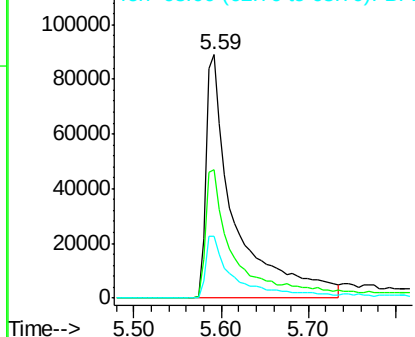
#5

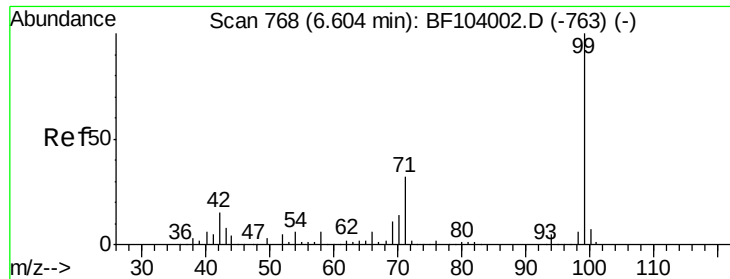
2-Fluorophenol
Concen: 35.267 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104183.D
Acq: 3 Apr 2018 15:42

Tgt Ion:112 Resp: 202206
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 25.5 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: 27.366 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

Instrument :

BNA_F

ClientSampleId :

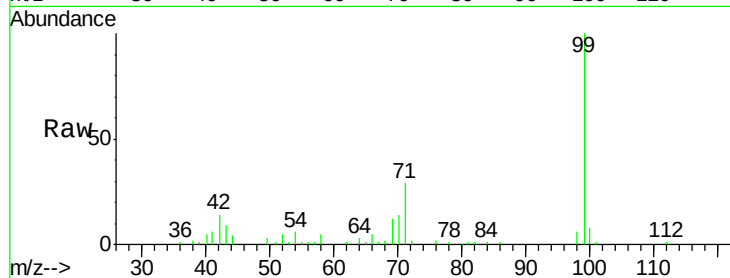
Tot Ion: 99 Resp: 193037

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

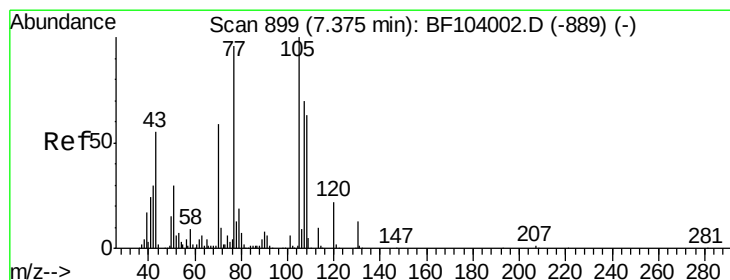
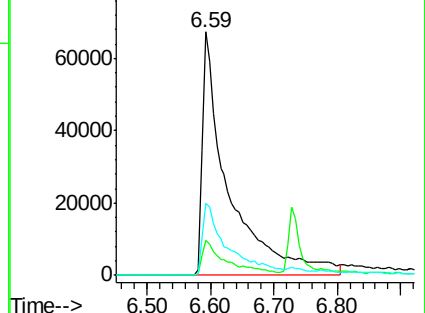
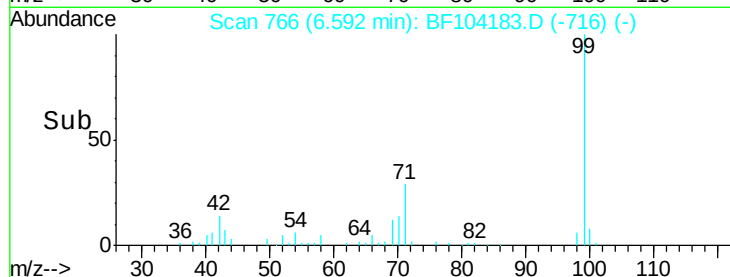
71 29.5 25.4 38.0



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: 15.354 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

Tgt Ion: 70 Resp: 64278

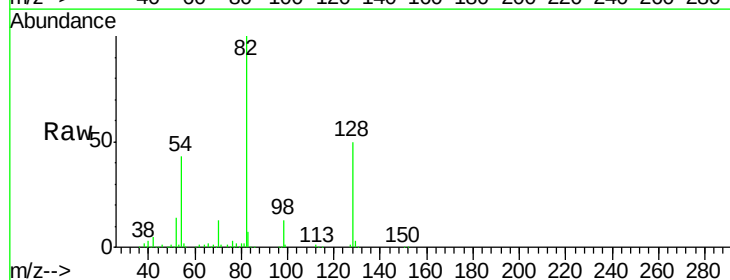
Ion Ratio Lower Upper

70 100

42 40.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

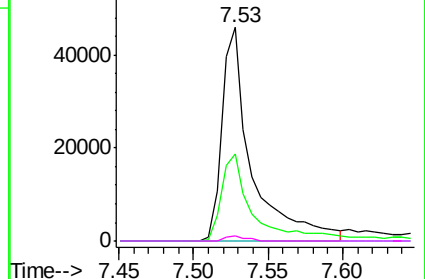
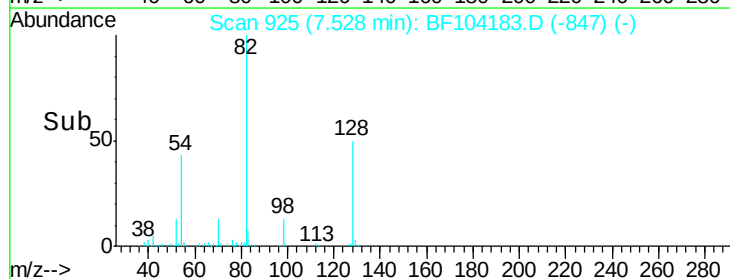


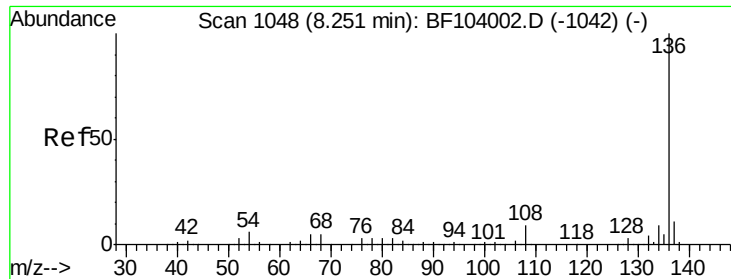
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

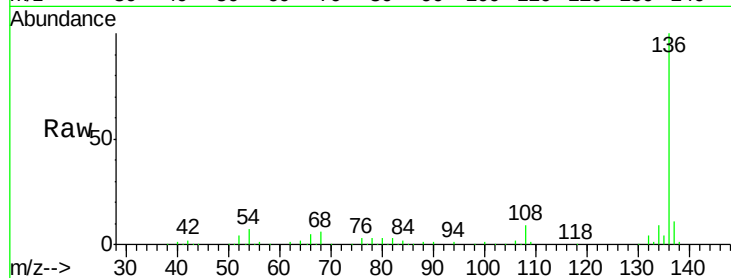




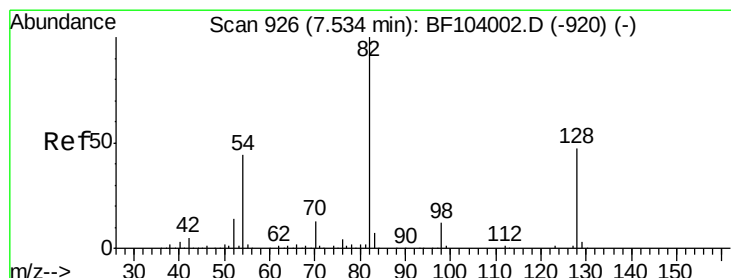
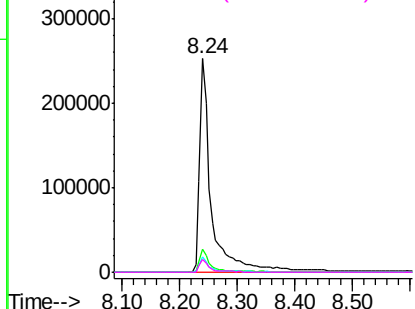
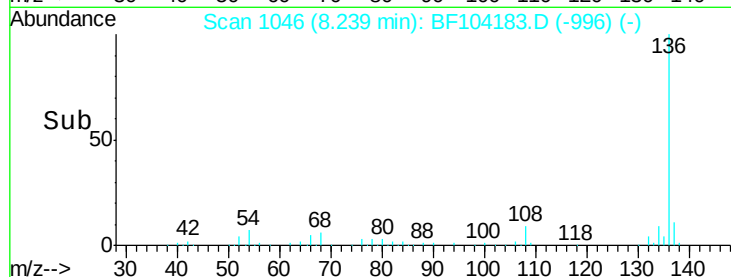
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104183.D
Acq: 3 Apr 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	367522
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.9	6.6 9.8
68	6.1	5.0 7.4

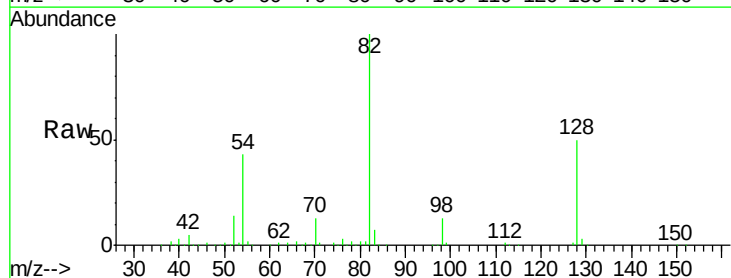


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

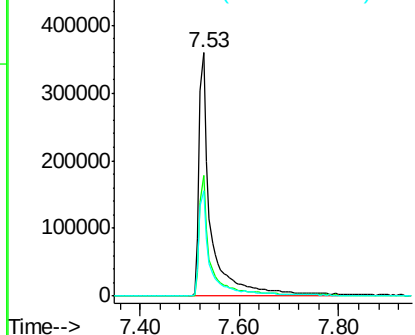
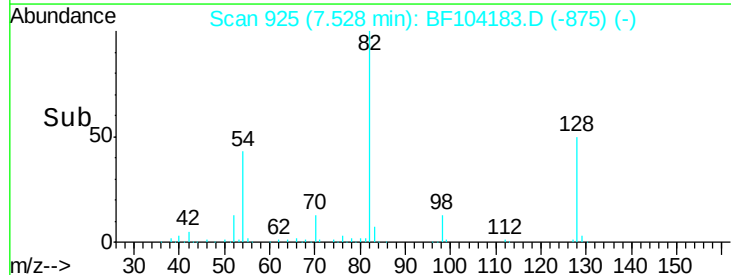


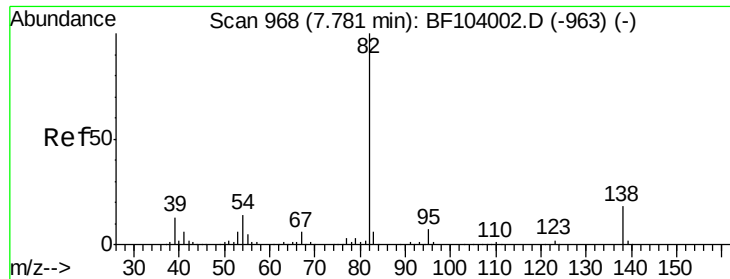
#23
Nitrobenzene-d5
Concen: 99.471 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104183.D
Acq: 3 Apr 2018 15:42

Tgt Ion: 82	Resp:	597782
Ion	Ratio	Lower Upper
82	100	
128	49.7	36.1 54.1
54	43.1	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: 54.783 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

Instrument :

BNA_F

ClientSampleId :

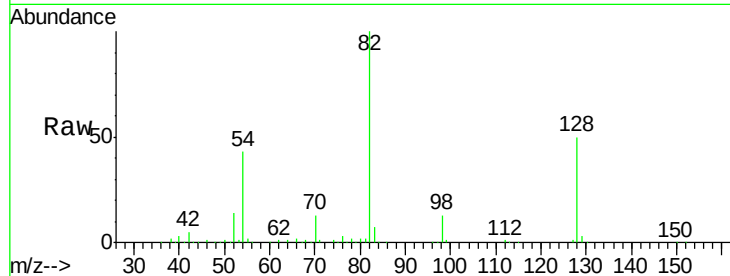
Tot Ion: 82 Resp: 606736

Ion Ratio Lower Upper

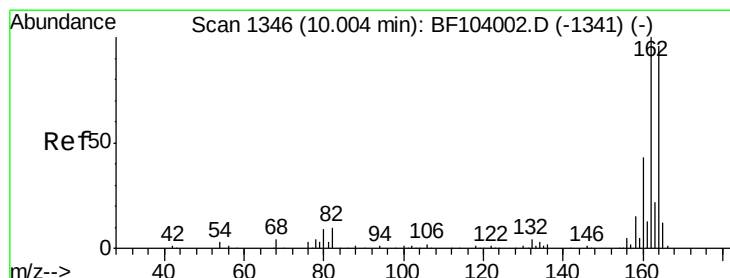
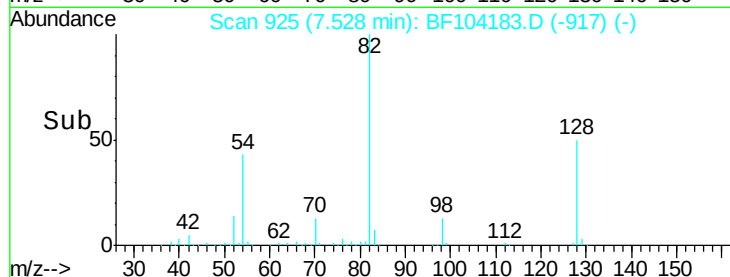
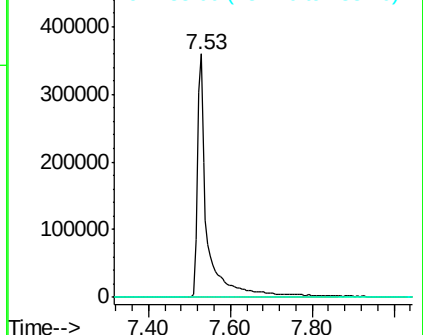
82 100

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# 1345

Delta R.T. -0.01 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

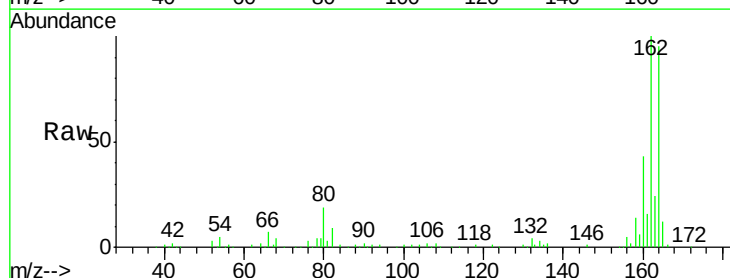
Tgt Ion:164 Resp: 150106

Ion Ratio Lower Upper

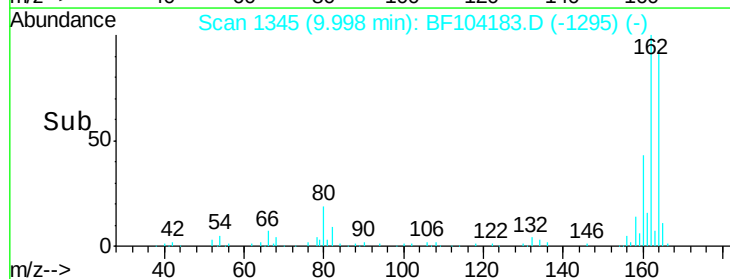
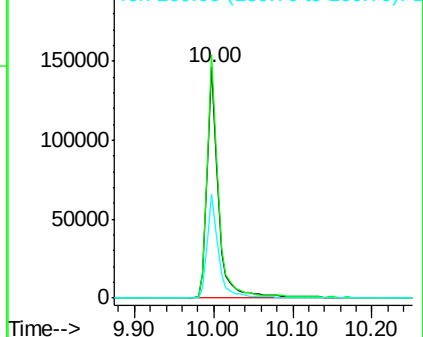
164 100

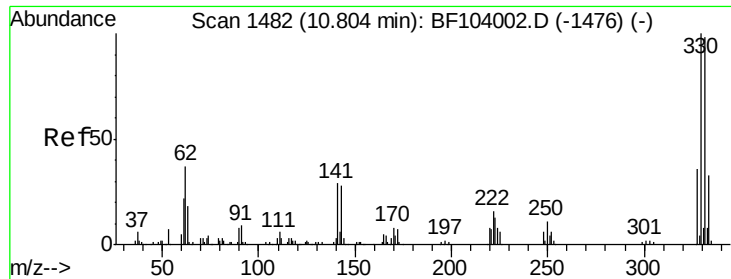
162 105.7 86.1 129.1

160 45.0 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: 79.400 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

Instrument :

BNA_F

ClientSampleId :

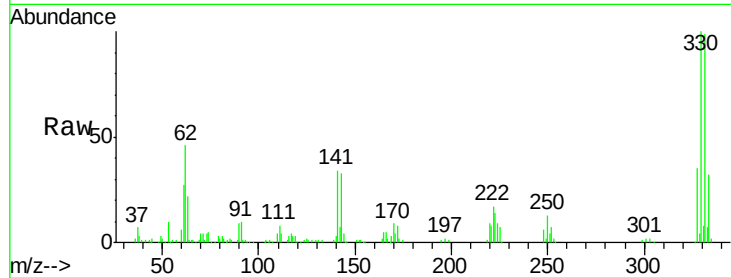
Tot Ion:330 Resp: 132711

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

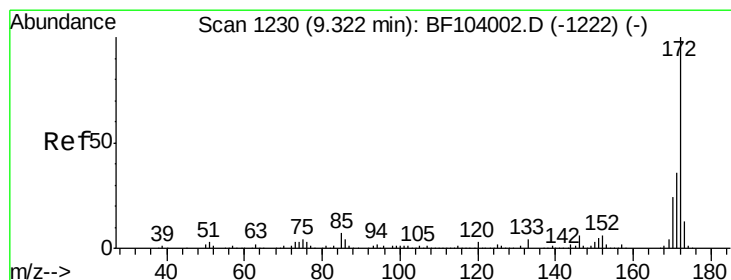
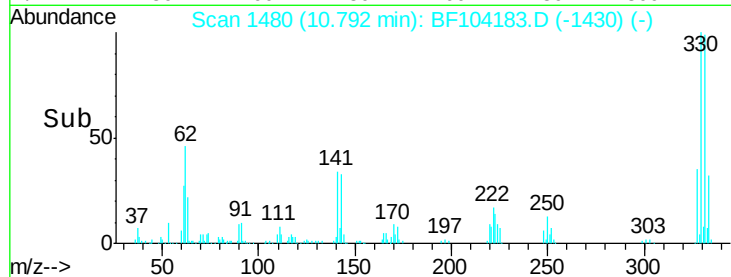
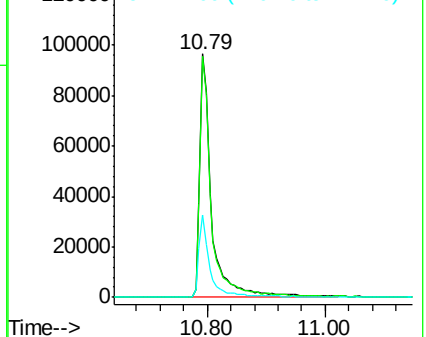
141 32.0 29.9 44.9



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: 114.432 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

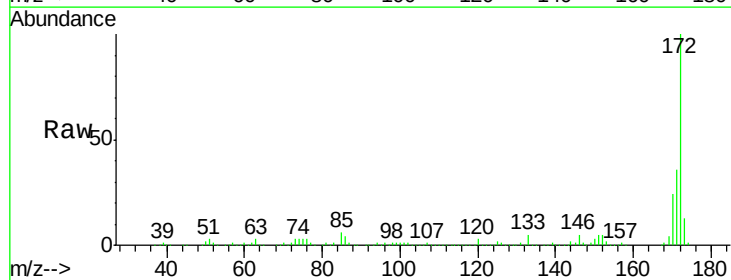
Tgt Ion:172 Resp: 1089272

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

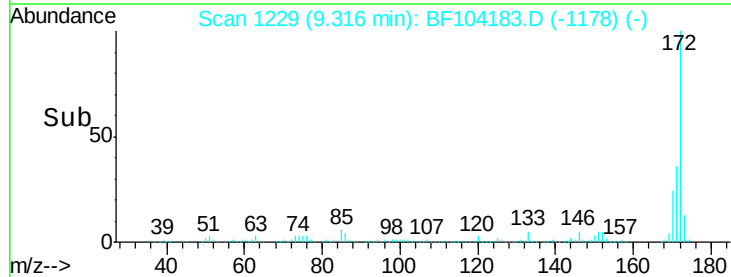
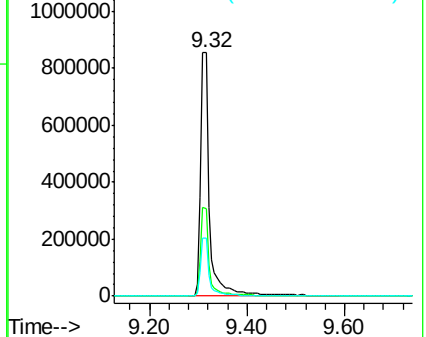
170 23.7 19.6 29.4

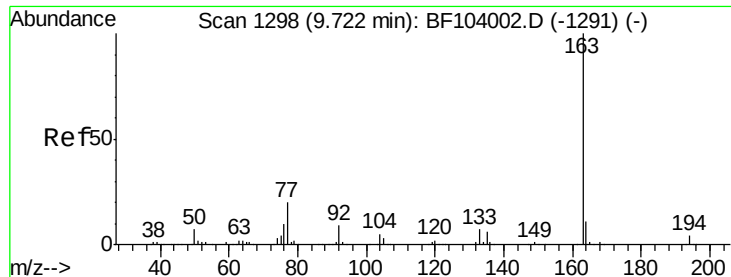


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.532 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

Instrument :

BNA_F

ClientSampleId :

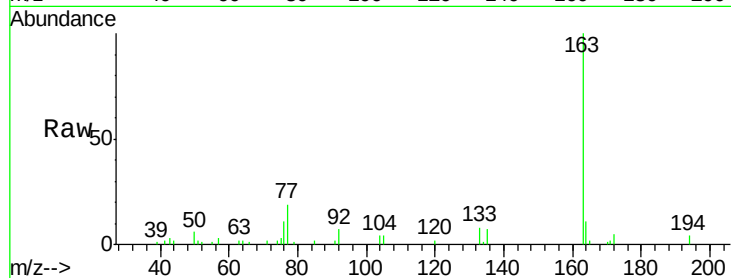
Tot Ion:163 Resp: 30011

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

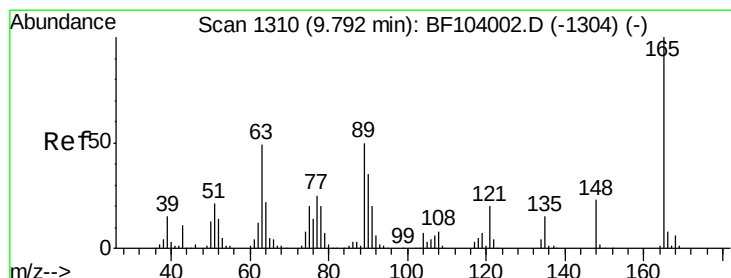
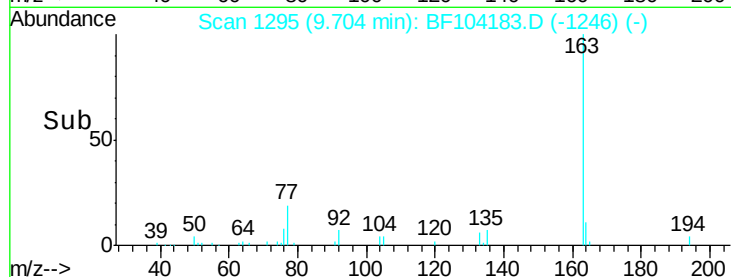
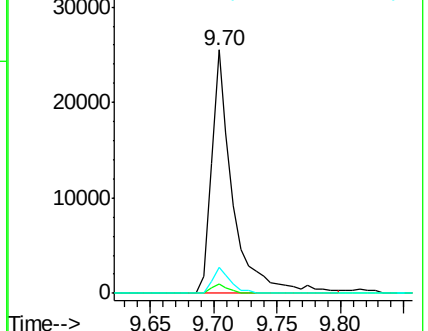
164 10.8 8.2 12.2



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: 7.240 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.21 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

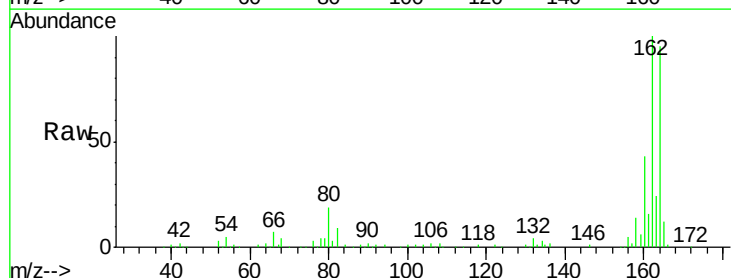
Tgt Ion:165 Resp: 18459

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

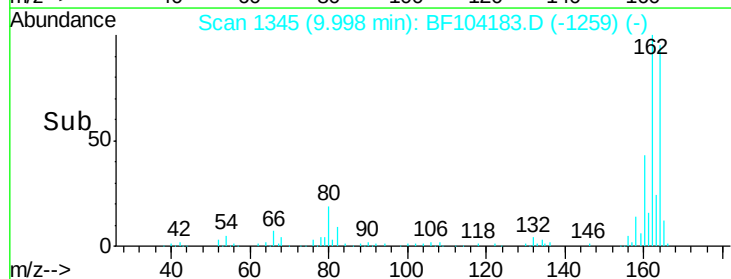
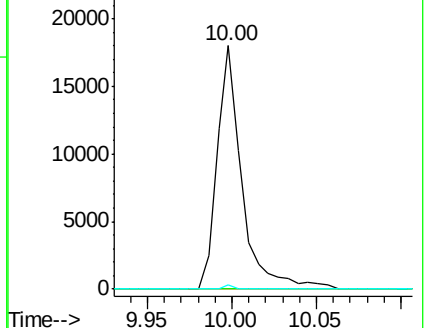
89 1.7 44.0 66.0#

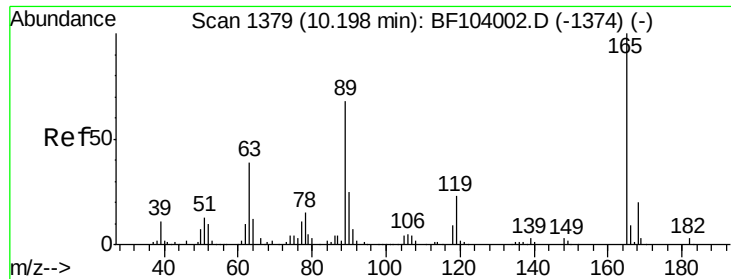


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

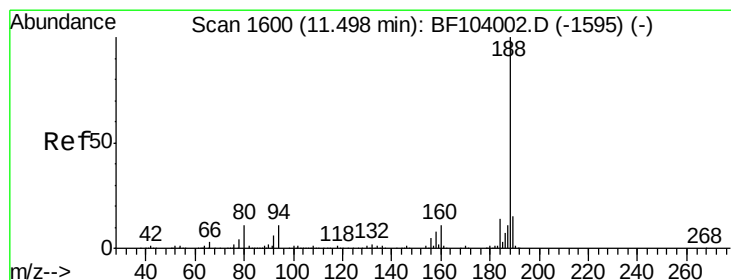
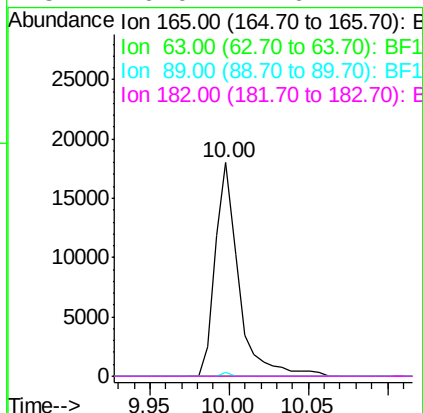
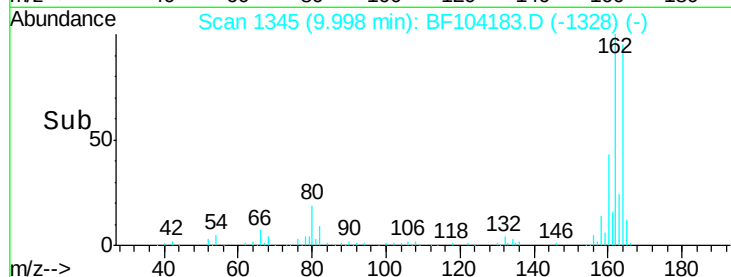
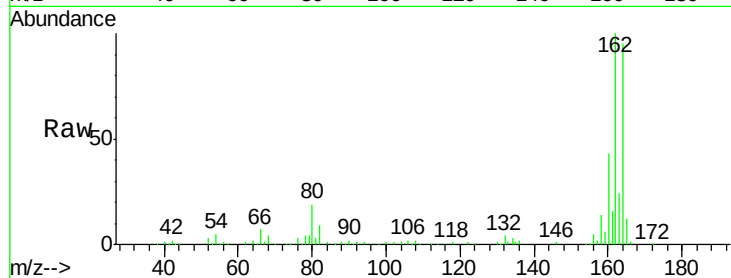




#56
2,4-Dinitrotoluene
Concen: 5.674 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104183.D
Acq: 3 Apr 2018 15:42

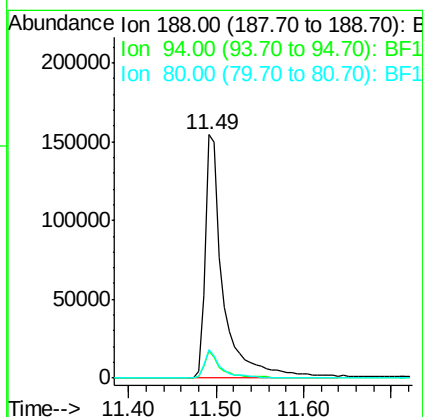
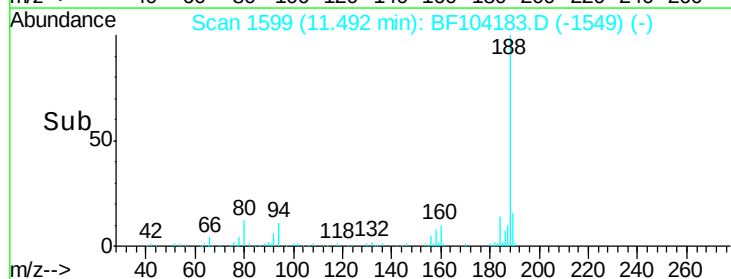
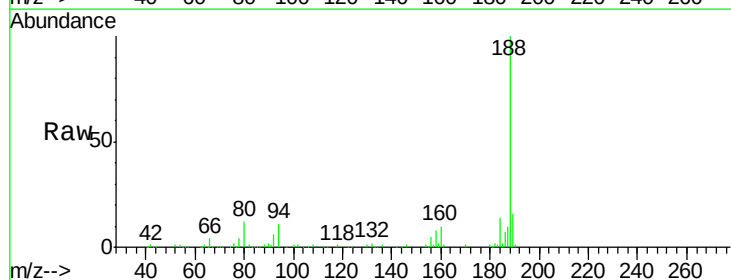
Instrument :
BNA_F
ClientSampleId :

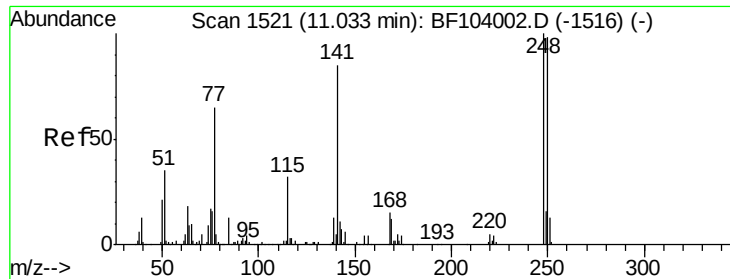
Tot Ion:	165	Resp:	18459
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104183.D
Acq: 3 Apr 2018 15:42

Tgt Ion:	188	Resp:	222336
Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.0	9.2	13.8

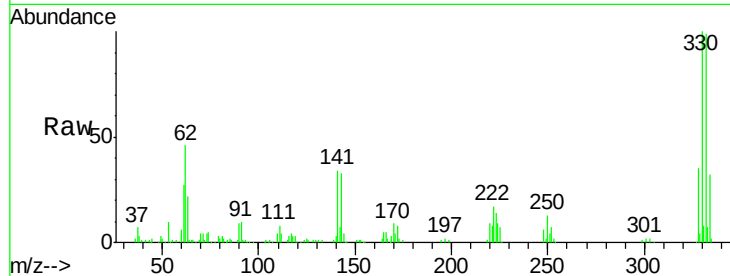




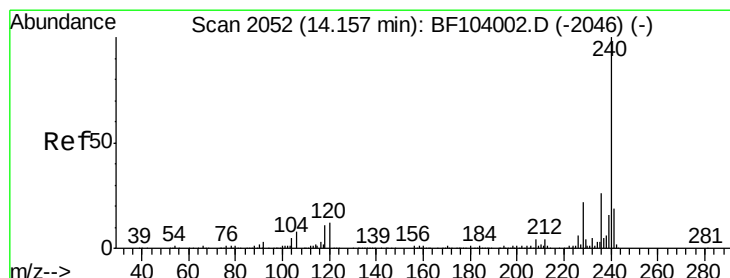
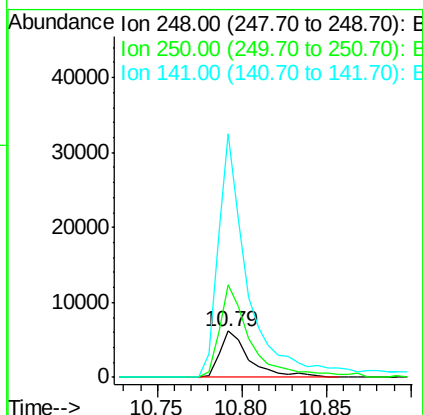
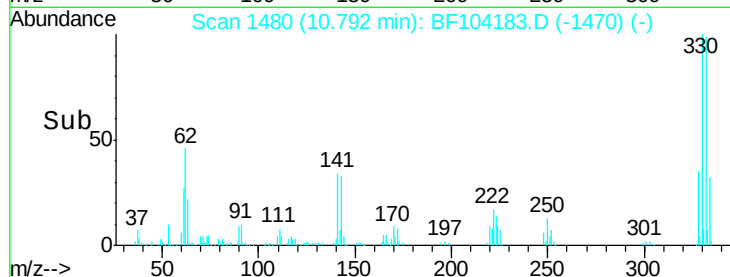
#66
4-Bromophenyl-phenylether
Concen: 3.227 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104183.D
Acq: 3 Apr 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7675
Ion Ratio Lower Upper
248 100
250 200.1 76.9 115.3#
141 524.8 74.4 111.6#

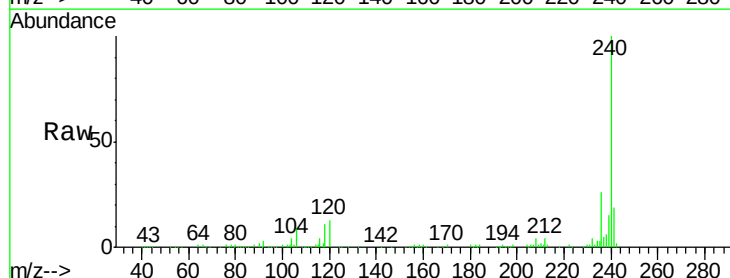


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

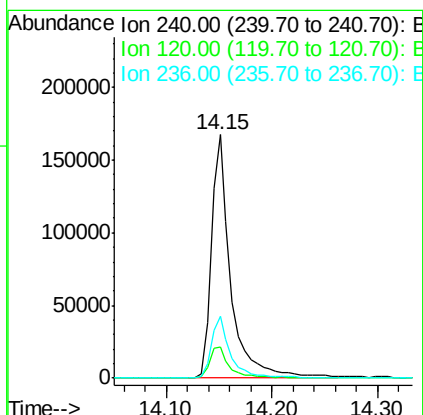
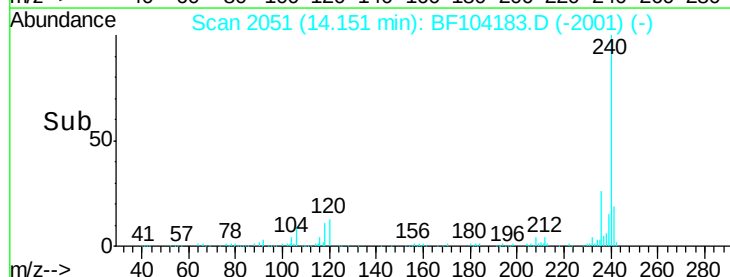


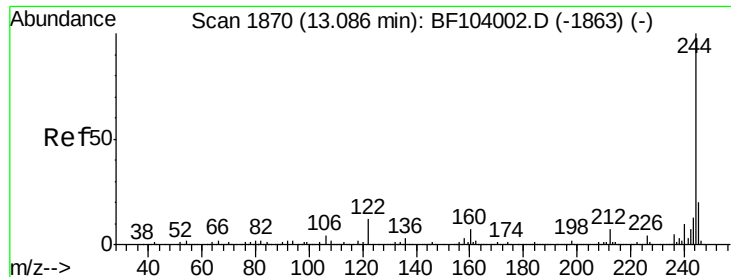
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104183.D
Acq: 3 Apr 2018 15:42

Tgt Ion:240 Resp: 215072
Ion Ratio Lower Upper
240 100
120 12.7 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: 90.541 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104183.D

Acq: 3 Apr 2018 15:42

Instrument :

BNA_F

ClientSampleId :

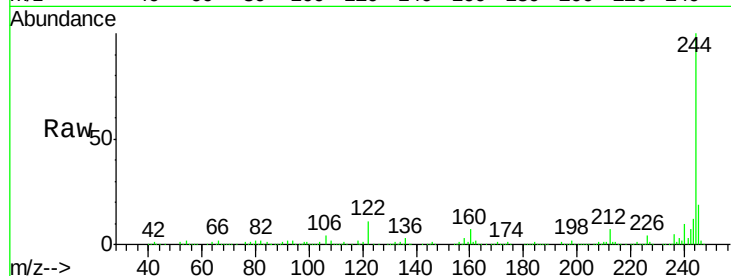
Tot Ion:244 Resp: 843361

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

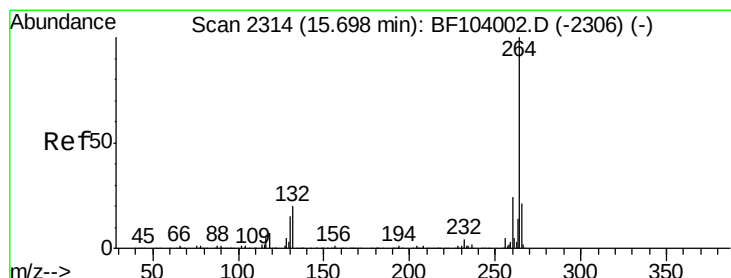
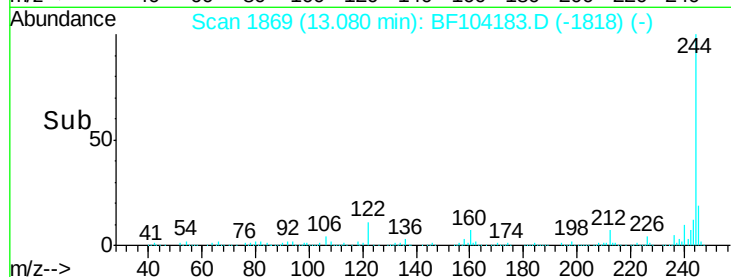
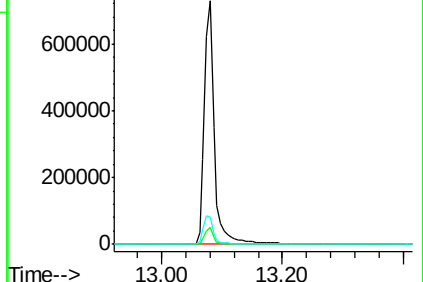
122 11.4 11.0 16.4



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: BF104183.D

Acq: 3 Apr 2018 15:42

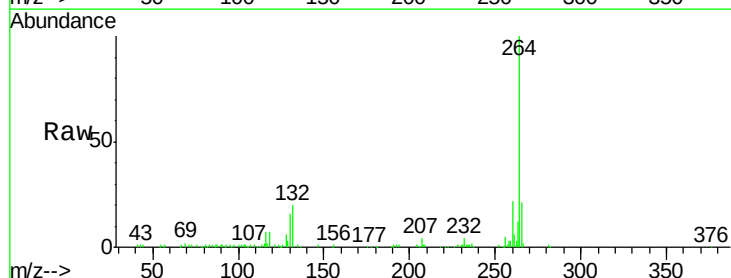
Tgt Ion:264 Resp: 158087

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 20.6 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

