

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104165.D
 Acq On : 3 Apr 2018 7:01
 Operator : JU/SJ
 Sample : J2121-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 08:11:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

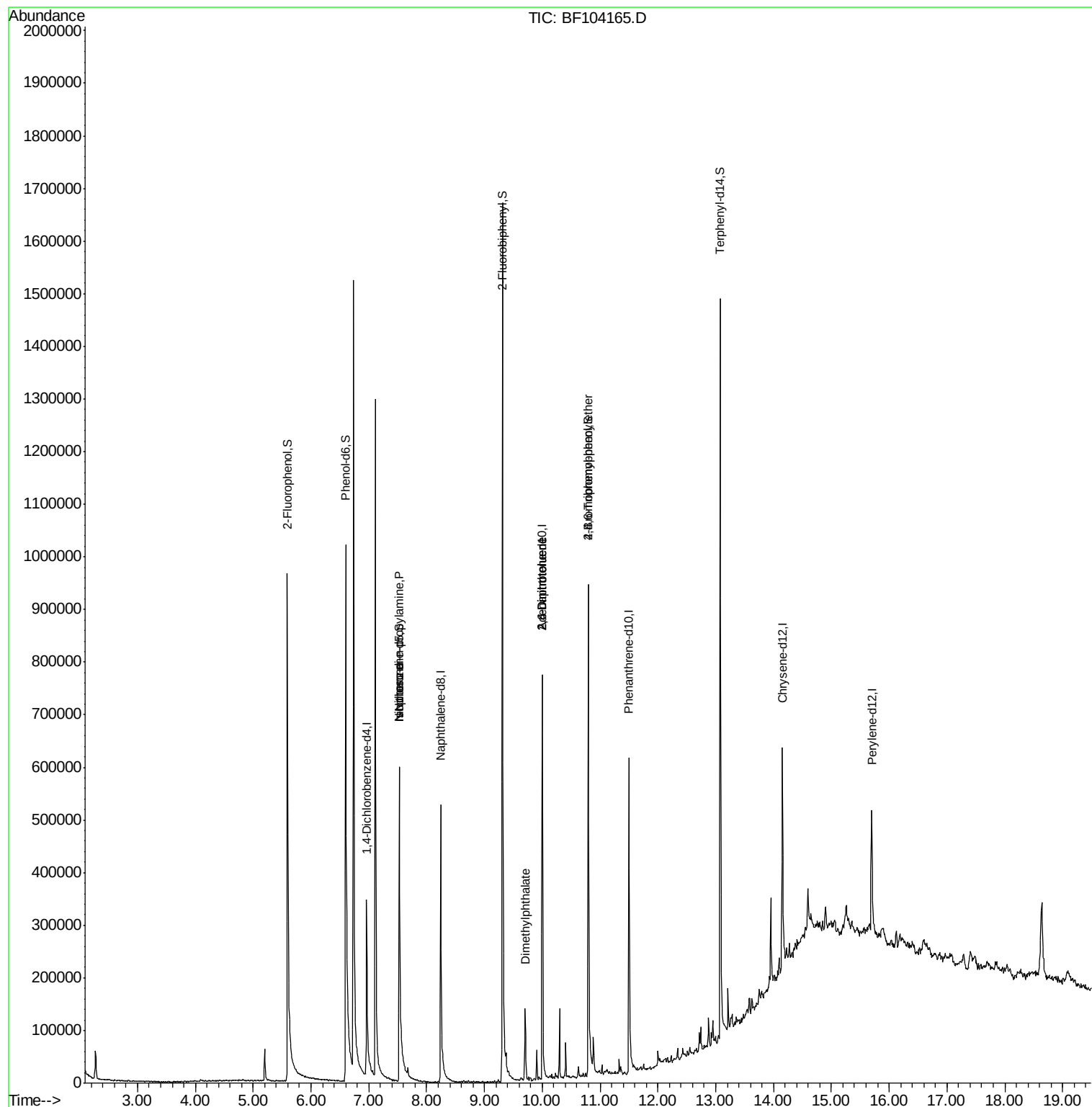
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	91422	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	379683	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	176961	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	287500	20.00	ng	0.00
75) Chrysene-d12	14.15	240	196079	20.00	ng	0.00
86) Perylene-d12	15.70	264	152464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	473494	82.60	ng	0.01
7) Phenol-d6	6.60	99	660528	93.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	383381	61.75	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	159072	80.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	711673	63.42	ng	0.00
78) Terphenyl-d14	13.08	244	541463	63.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	618	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	46480	11.105 ng	#	1
25) Isophorone	7.53	82	383381	33.508 ng	#	74
49) Dimethylphthalate	9.70	163	63140	4.519 ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	21926	7.294 ng	#	99
56) 2,4-Dinitrotoluene	10.00	165	22284	5.810 ng	#	25
66) 4-Bromophenyl-phenylether	10.80	248	8668	2.818 ng	#	23
					#	1

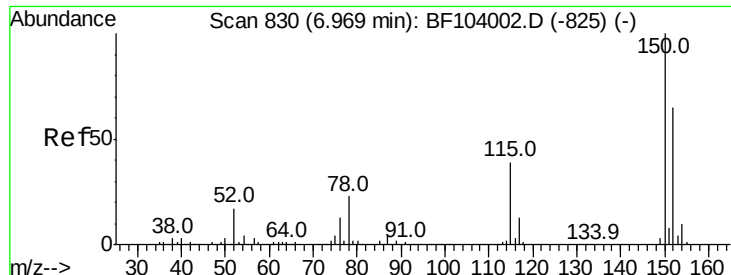
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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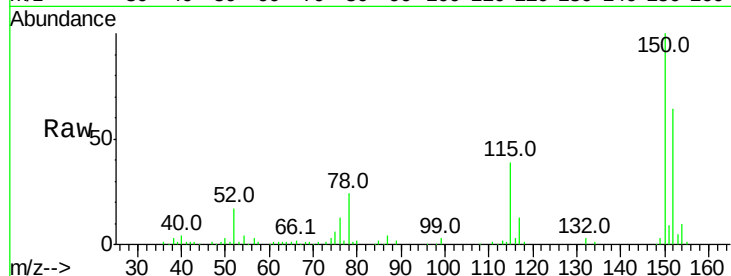


#1

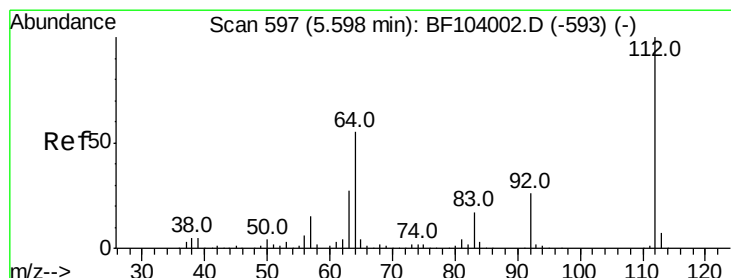
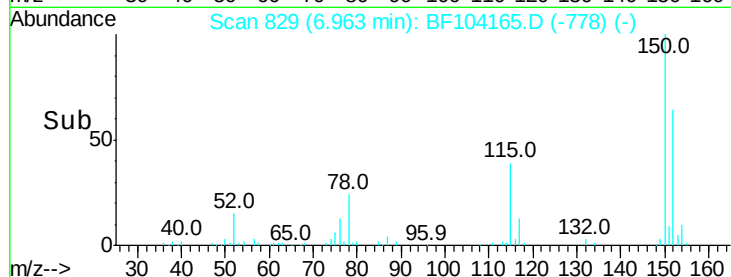
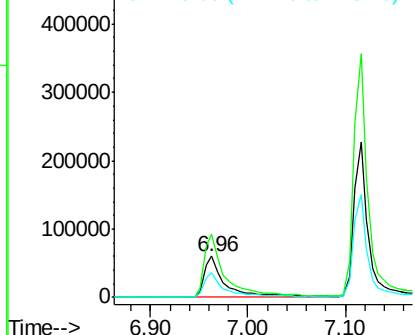
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104165.D
Acq: 3 Apr 2018 7:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91422
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.6 50.1 75.1



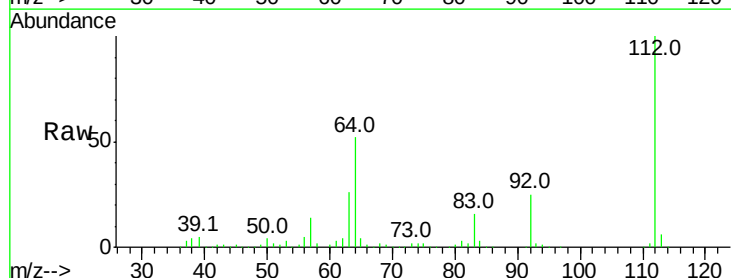
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



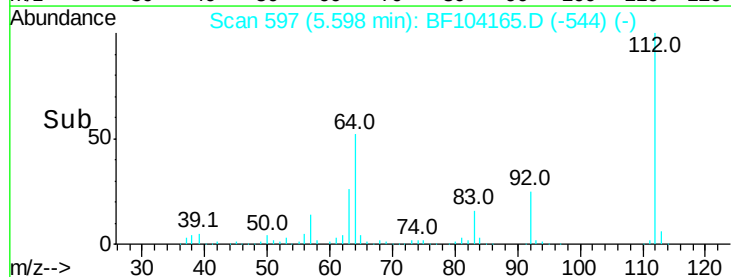
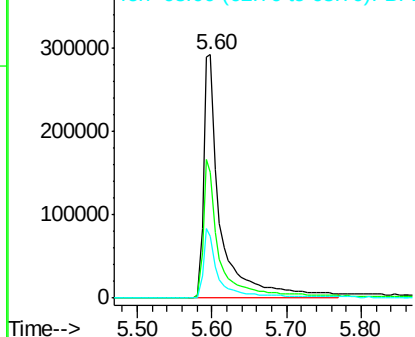
#5

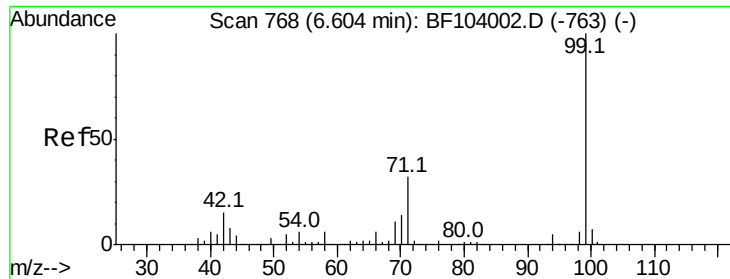
2-Fluorophenol
Concen: 82.595 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104165.D
Acq: 3 Apr 2018 7:01

Tgt Ion:112 Resp: 473494
Ion Ratio Lower Upper
112 100
64 51.6 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: 93.653 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104165.D

Acq: 3 Apr 2018 7:01

Instrument :

BNA_F

ClientSampleId :

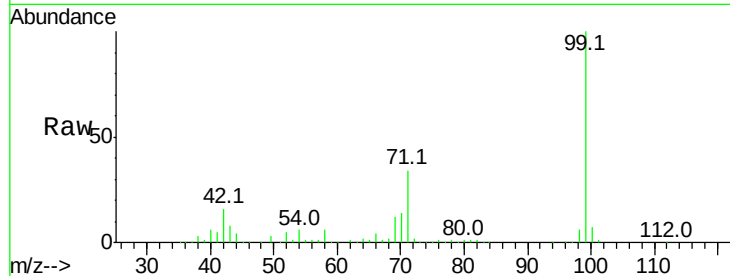
Tot Ion: 99 Resp: 660528

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

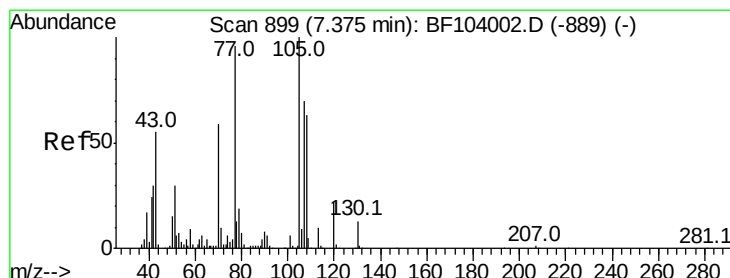
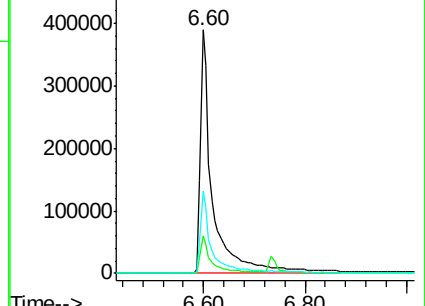
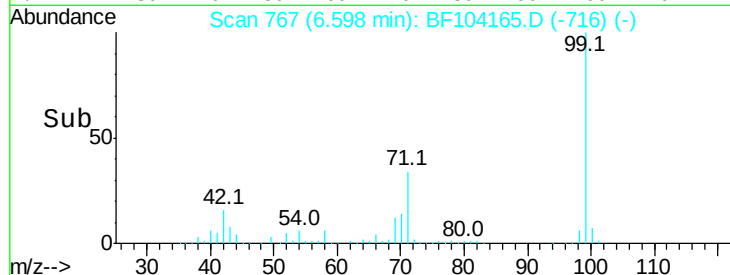
71 33.8 25.4 38.0



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: 11.105 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104165.D

Acq: 3 Apr 2018 7:01

Tgt Ion: 70 Resp: 46480

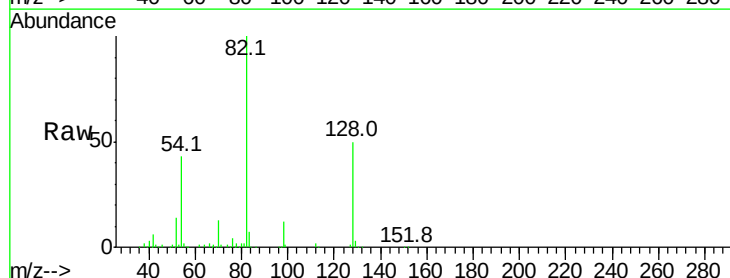
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

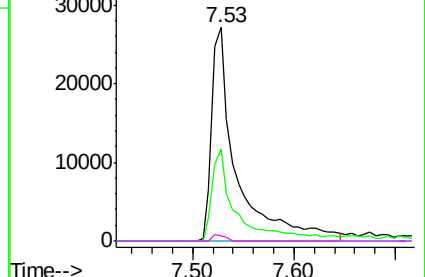
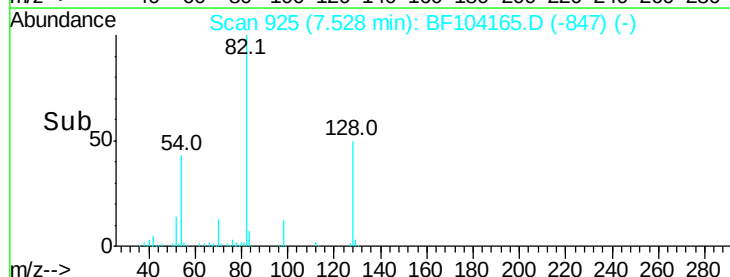


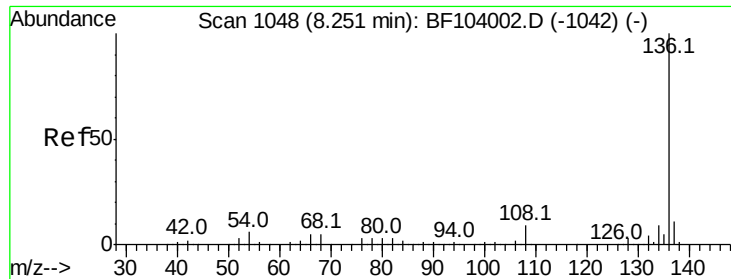
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

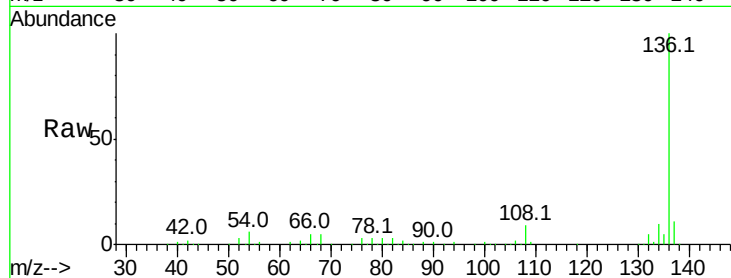




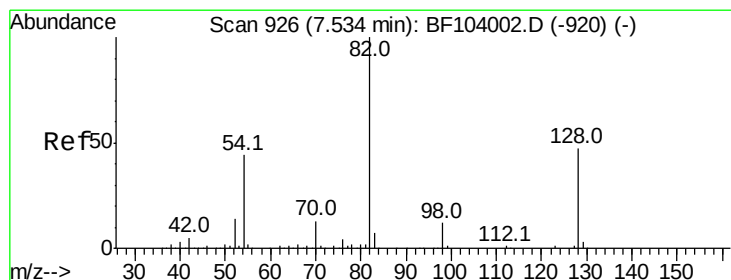
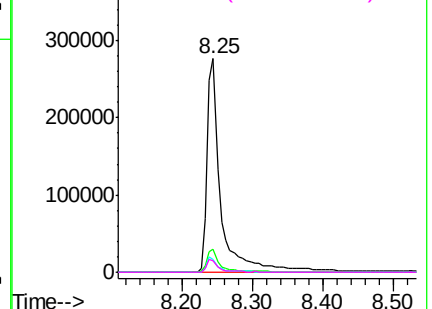
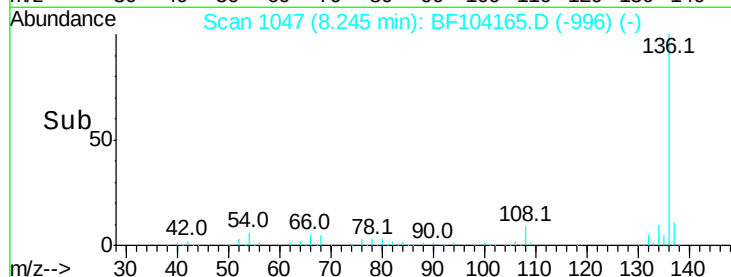
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF104165.D
Acq: 3 Apr 2018 7:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	379683
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	6.6	9.8#
68	5.4	5.0	7.4

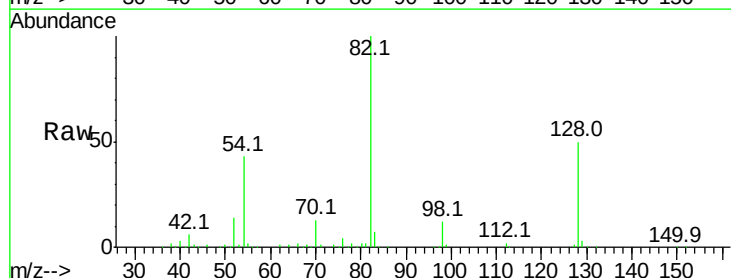


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

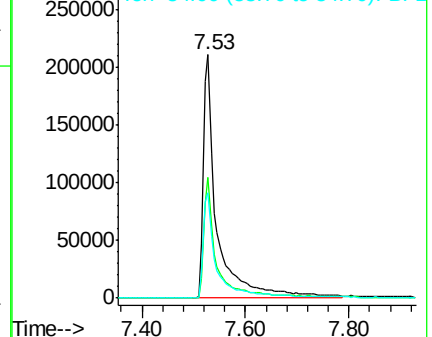
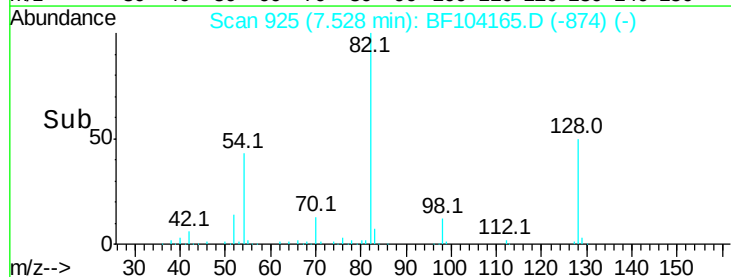


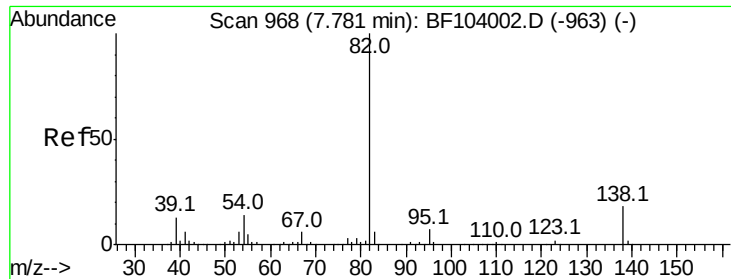
#23
Nitrobenzene-d5
Concen: 61.751 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104165.D
Acq: 3 Apr 2018 7:01

Tgt Ion:	82	Resp:	383381
Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	43.5	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

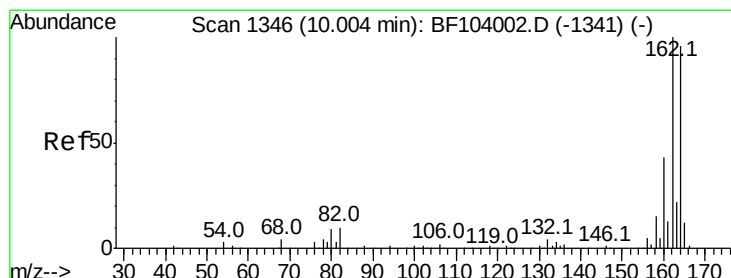
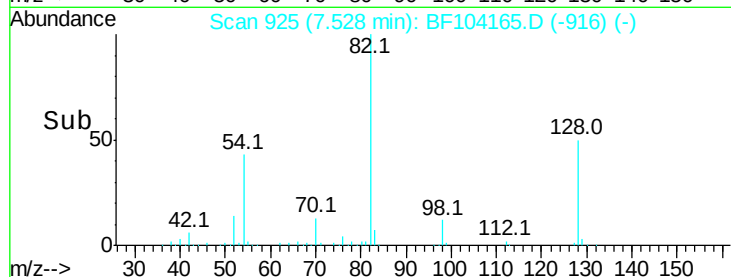
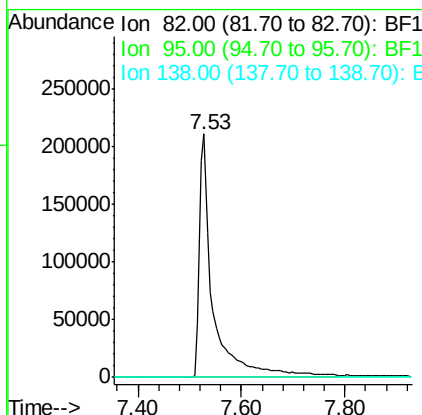
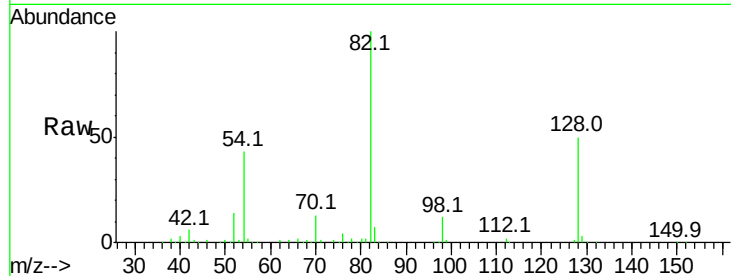




#25
Isophorone
Concen: 33.508 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104165.D
Acq: 3 Apr 2018 7:01

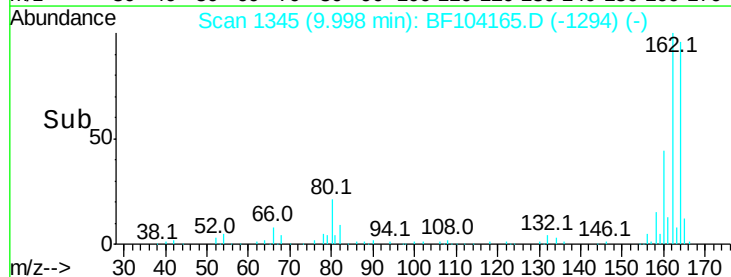
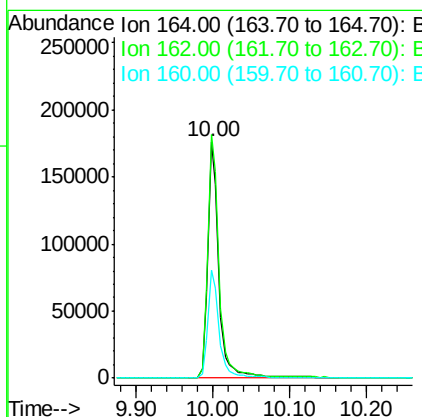
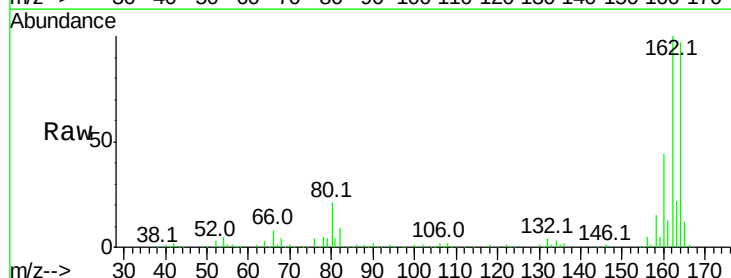
Instrument :
BNA_F
ClientSampleId :

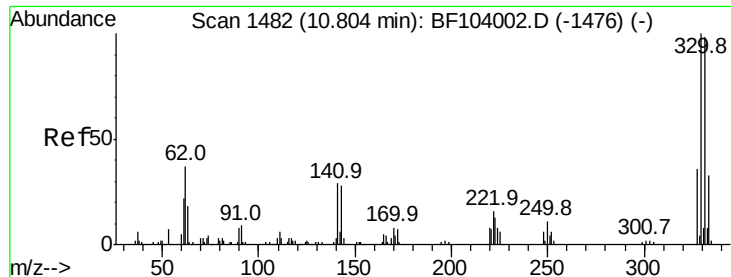
Tot Ion: 82 Resp: 383381
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104165.D
Acq: 3 Apr 2018 7:01

Tgt Ion:164 Resp: 176961
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.7 38.3 57.5

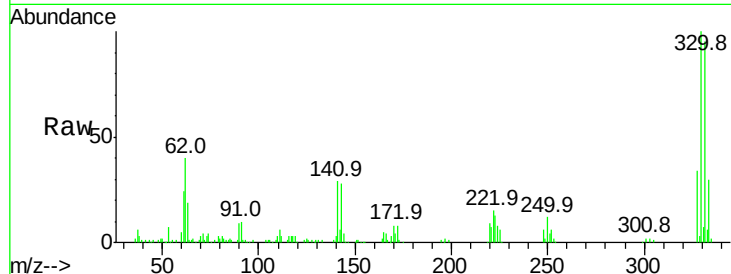




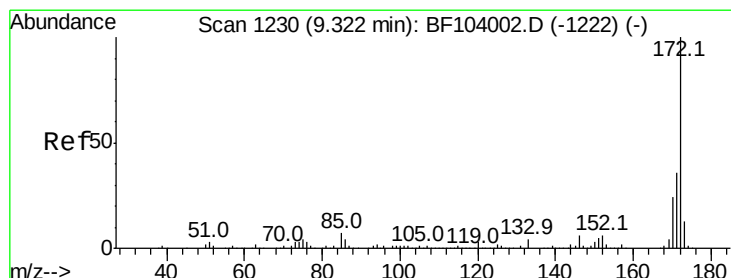
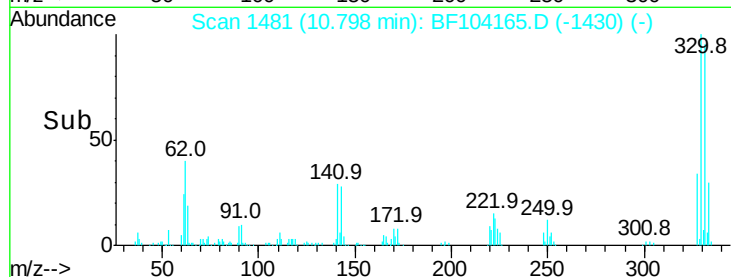
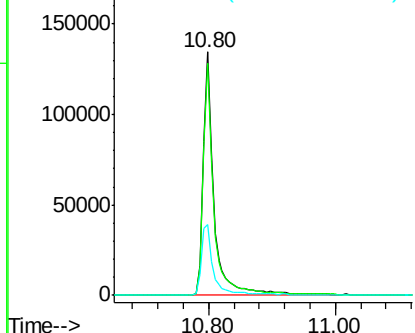
#41
 2,4,6-Tribromophenol
 Concen: 80.728 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104165.D
 Acq: 3 Apr 2018 7:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 159072
 Ion Ratio Lower Upper
 330 100
 332 91.4 77.0 115.6
 141 31.1 29.9 44.9

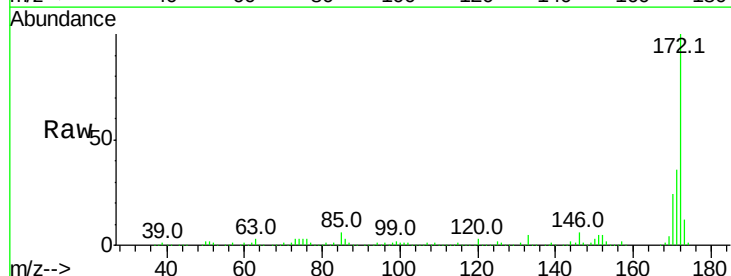


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

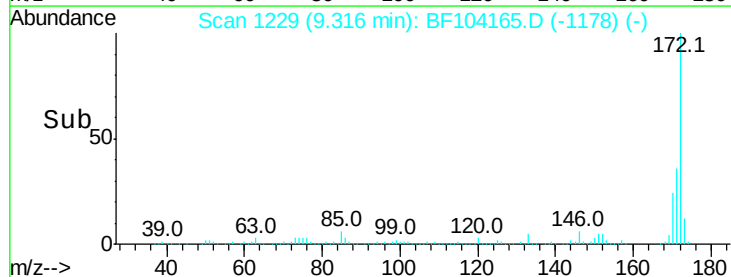
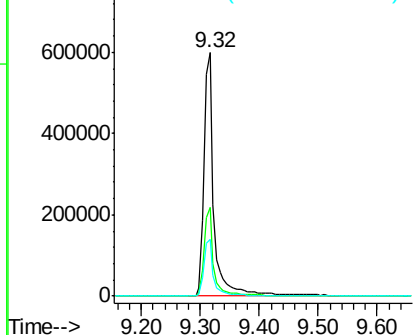


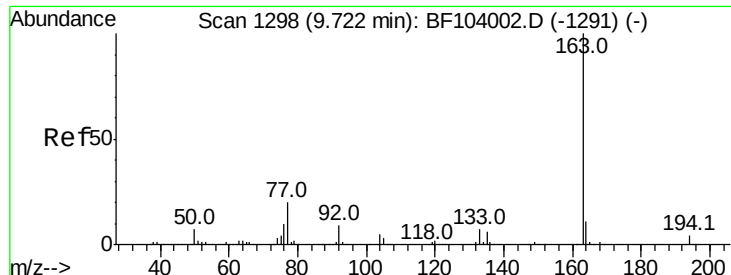
#44
 2-Fluorobiphenyl
 Concen: 63.418 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104165.D
 Acq: 3 Apr 2018 7:01

Tgt Ion:172 Resp: 711673
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 4.519 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104165.D

Acq: 3 Apr 2018 7:01

Instrument :

BNA_F

ClientSampleId :

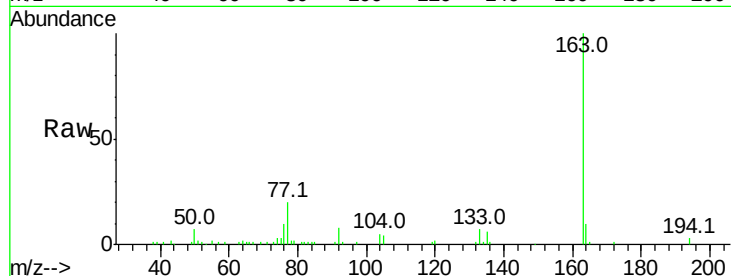
Tot Ion:163 Resp: 63140

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

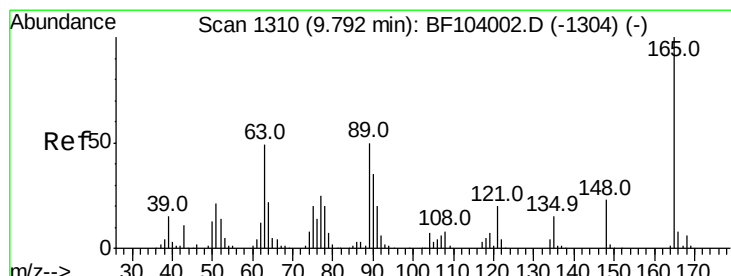
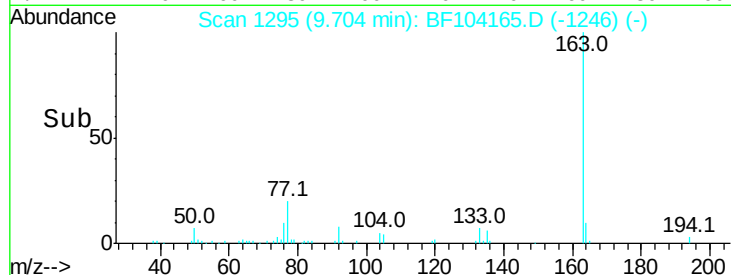
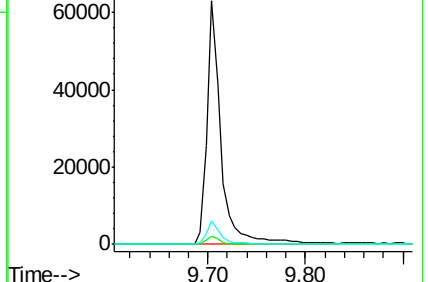
164 9.7 8.2 12.2



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: 7.294 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.21 min

Lab File: BF104165.D

Acq: 3 Apr 2018 7:01

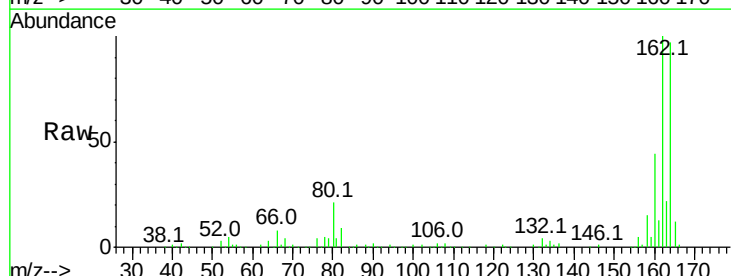
Tgt Ion:165 Resp: 21926

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

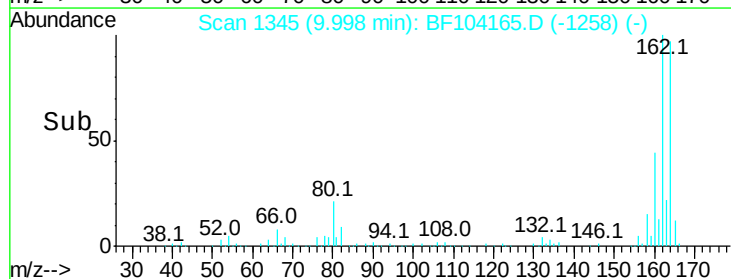
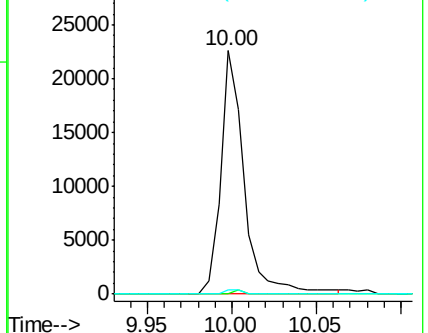
89 1.9 44.0 66.0#

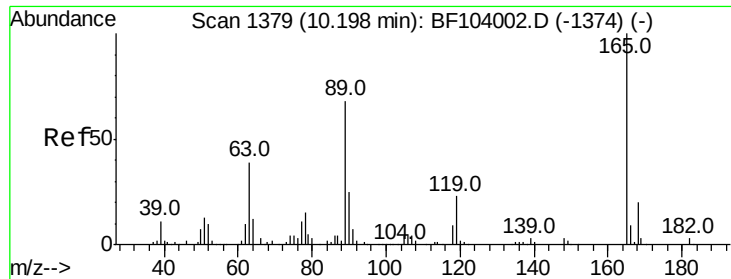


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

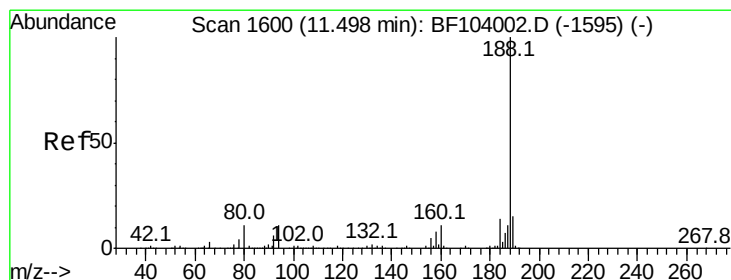
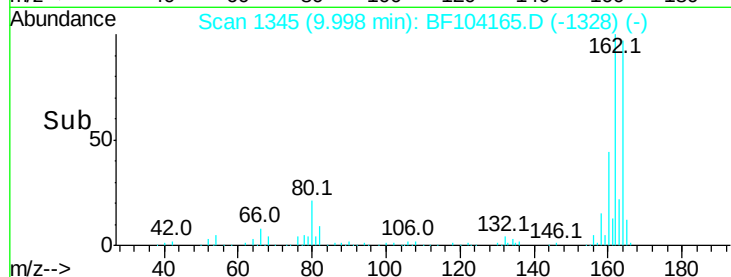
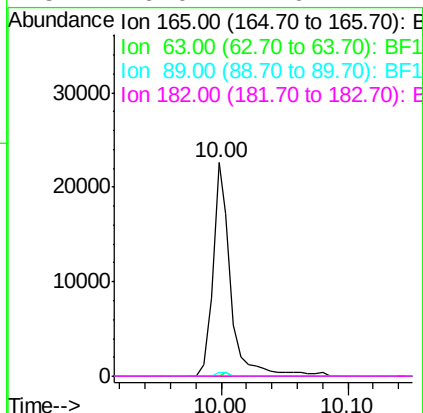
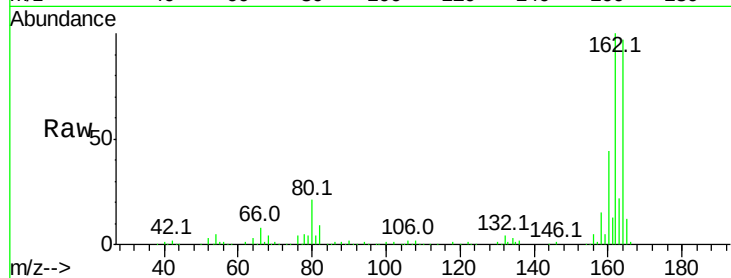




#56
 2,4-Dinitrotoluene
 Concen: 5.810 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104165.D
 Acq: 3 Apr 2018 7:01

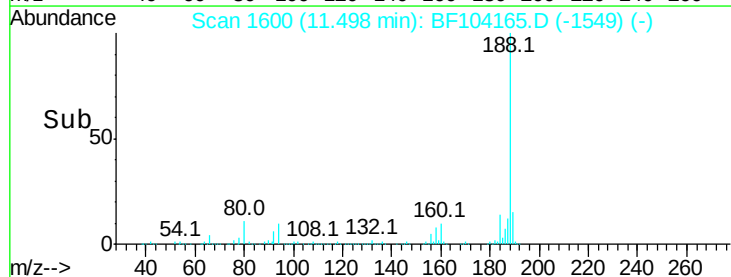
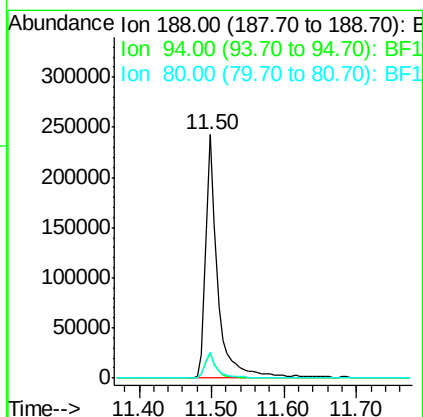
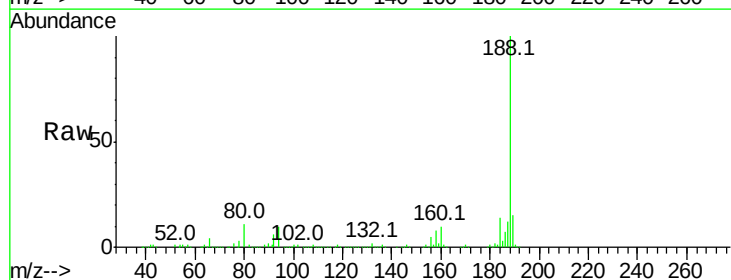
Instrument :
 BNA_F
 ClientSampleId :

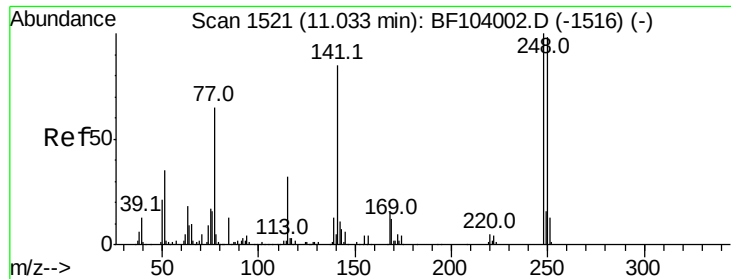
Tot Ion:165 Resp: 22284
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF104165.D
 Acq: 3 Apr 2018 7:01

Tgt Ion:188 Resp: 287500
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.9 9.2 13.8

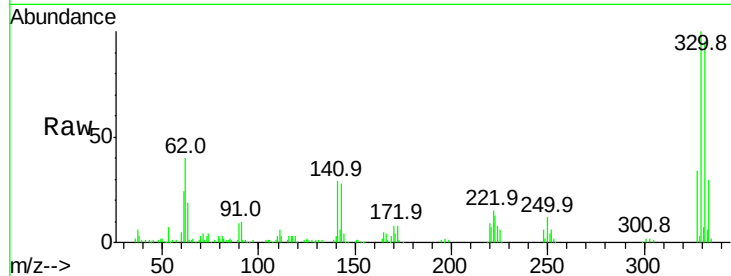




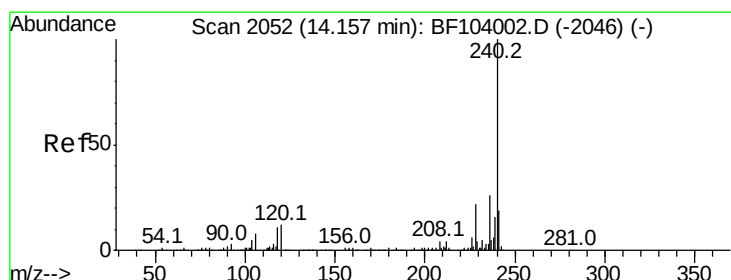
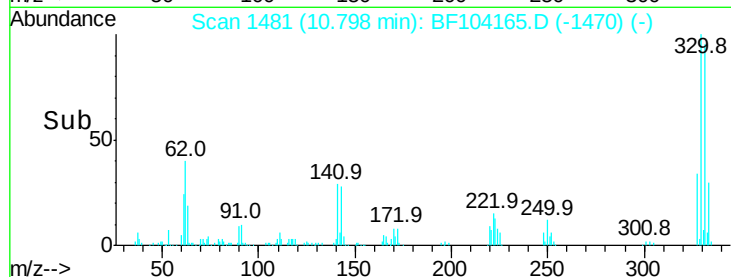
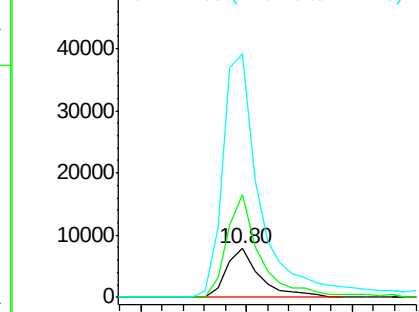
#66
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104165.D
Acq: 3 Apr 2018 7:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8668
Ion Ratio Lower Upper
248 100
250 211.7 76.9 115.3#
141 498.9 74.4 111.6#

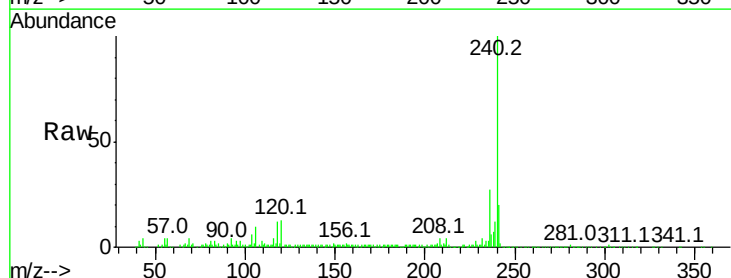


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

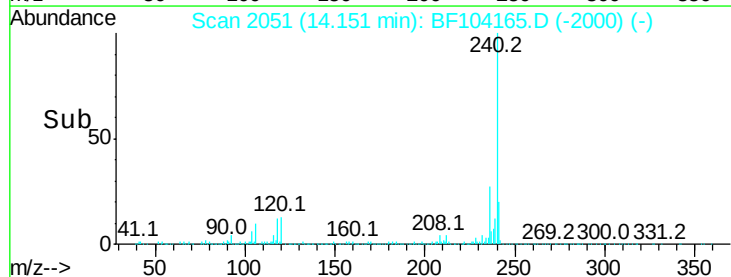
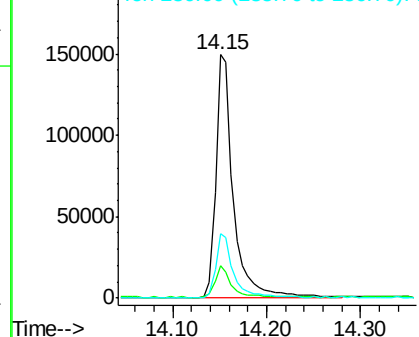


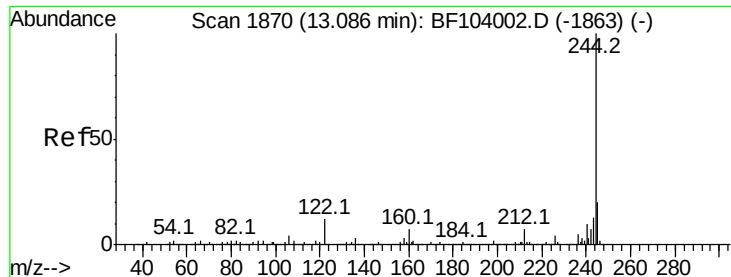
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF104165.D
Acq: 3 Apr 2018 7:01

Tgt Ion:240 Resp: 196079
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 26.6 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: 63.761 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104165.D

Acq: 3 Apr 2018 7:01

Instrument :

BNA_F

ClientSampleId :

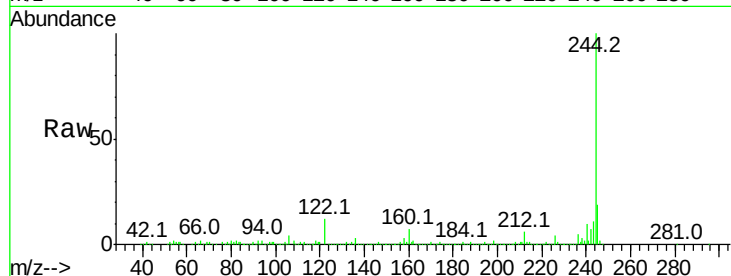
Tot Ion:244 Resp: 541463

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

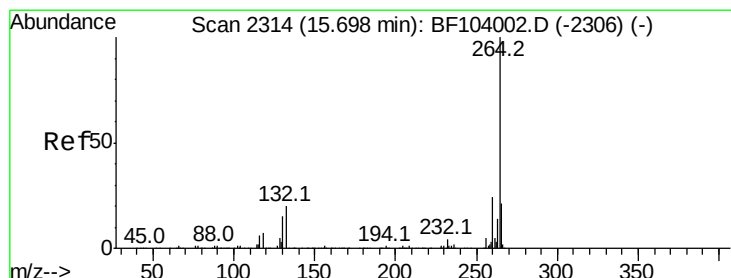
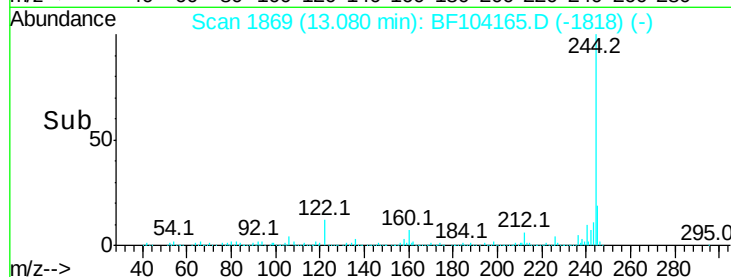
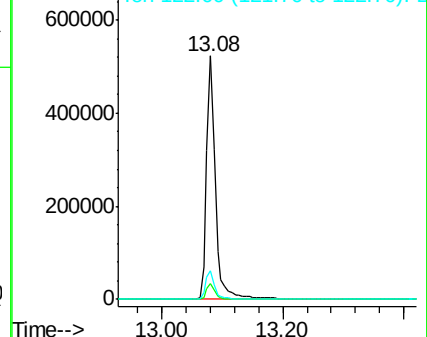
122 11.8 11.0 16.4



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. 0.01 min

Lab File: BF104165.D

Acq: 3 Apr 2018 7:01

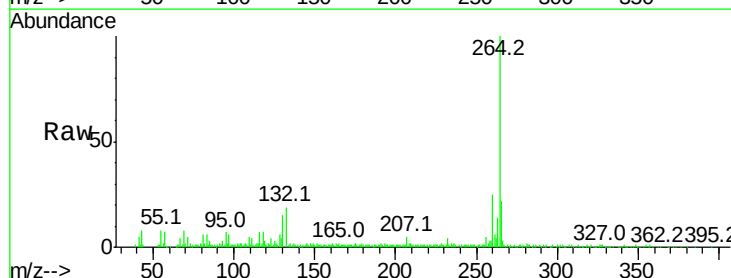
Tgt Ion:264 Resp: 152464

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.4 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

