

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104189.D
 Acq On : 3 Apr 2018 19:45
 Operator : JU/SJ
 Sample : J2182-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 01:12:56 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

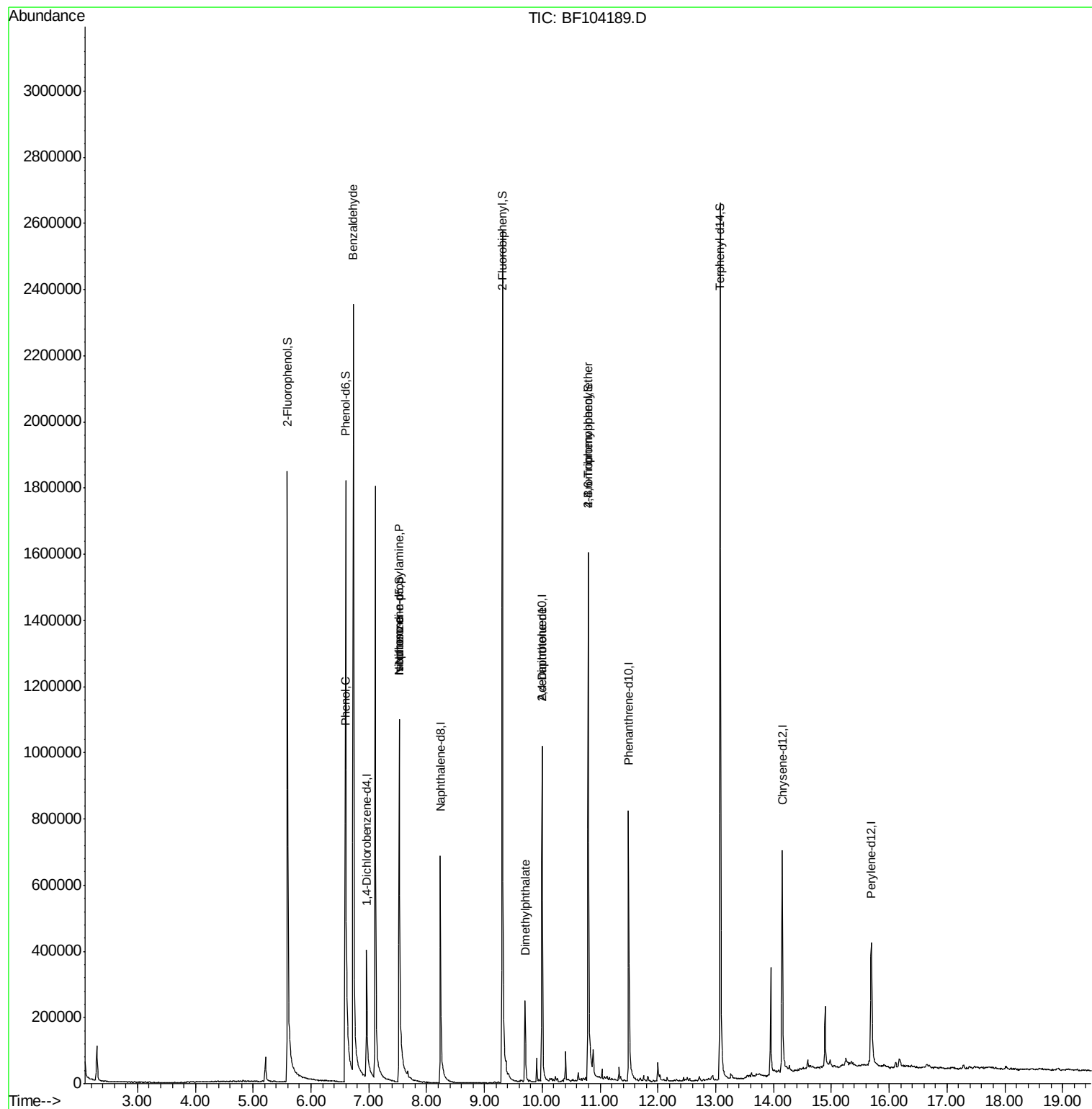
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	109769	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	468966	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	225542	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	431374	20.00	ng	0.00
75) Chrysene-d12	14.15	240	318283	20.00	ng	0.00
86) Perylene-d12	15.69	264	244290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	839586	121.98	ng	0.00
7) Phenol-d6	6.60	99	1093809	129.16	ng	0.00
23) Nitrobenzene-d5	7.53	82	650506	84.83	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	305646	121.70	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1041911	72.85	ng	0.00
78) Terphenyl-d14	13.08	244	1098785	79.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	17404	2.621	ng	86
10) Phenol	6.61	94	22504	2.398	ng	# 33
19) n-Nitroso-di-n-propylamine	7.53	70	78865	15.693	ng	# 71
25) Isophorone	7.53	82	650506	46.030	ng	# 64
49) Dimethylphthalate	9.70	163	130079	7.305	ng	99
56) 2,4-Dinitrotoluene	10.00	165	27903	5.708	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	17803	3.858	ng	# 1

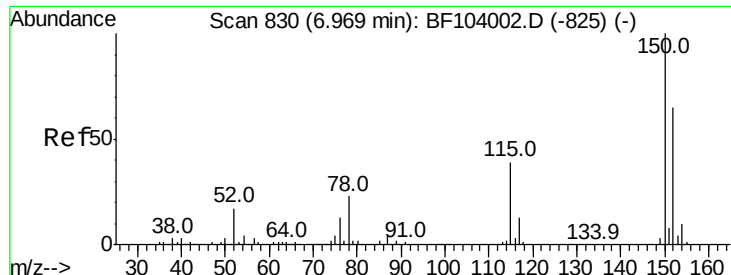
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
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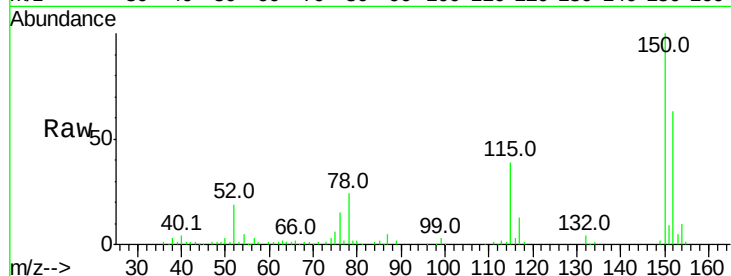


#1

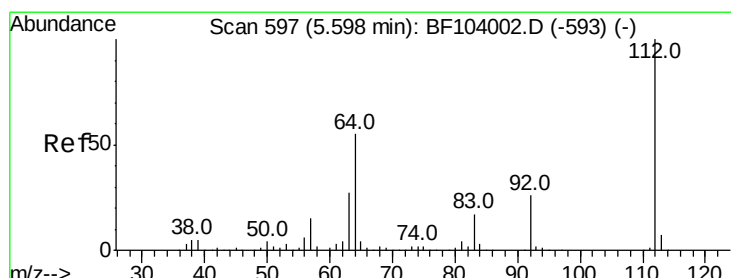
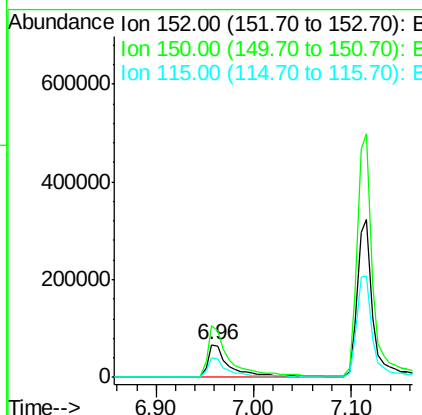
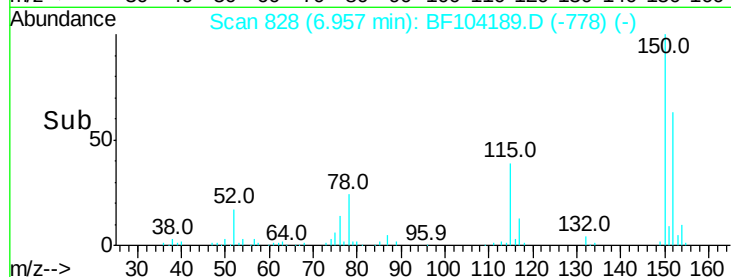
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104189.D
Acq: 3 Apr 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109769
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 62.3 50.1 75.1



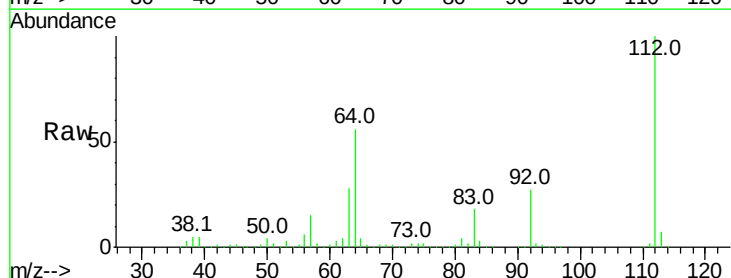
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



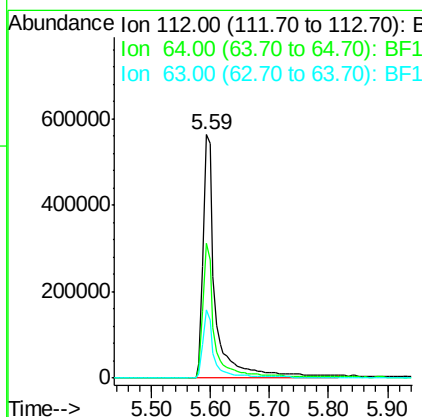
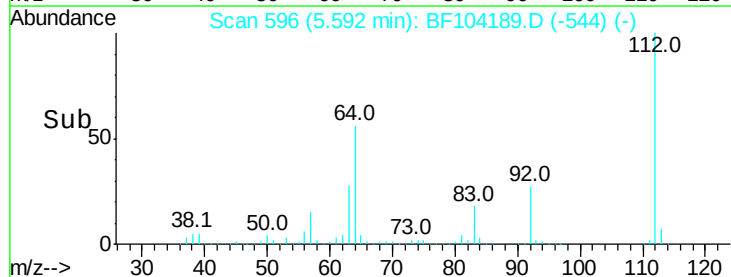
#5

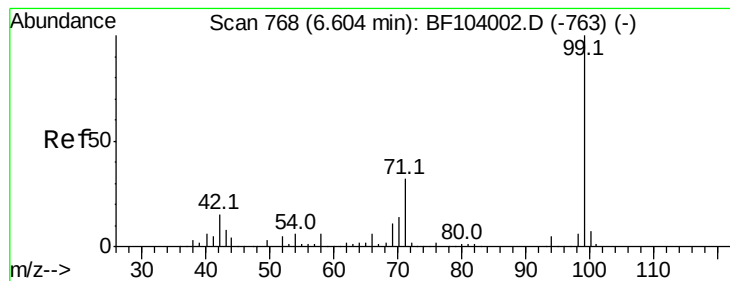
2-Fluorophenol
Concen: 121.977 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104189.D
Acq: 3 Apr 2018 19:45

Tgt Ion:112 Resp: 839586
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.1 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: 129.164 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104189.D

Acq: 3 Apr 2018 19:45

Instrument :

BNA_F

ClientSampleId :

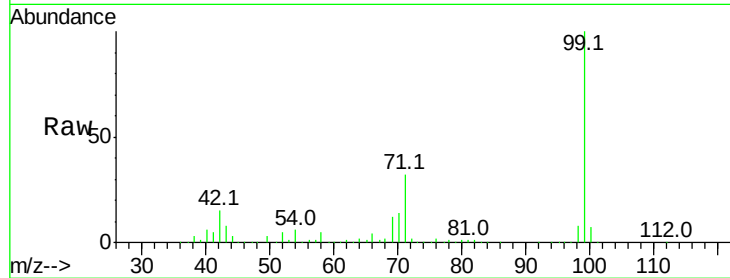
Tot Ion: 99 Resp: 1093809

Ion Ratio Lower Upper

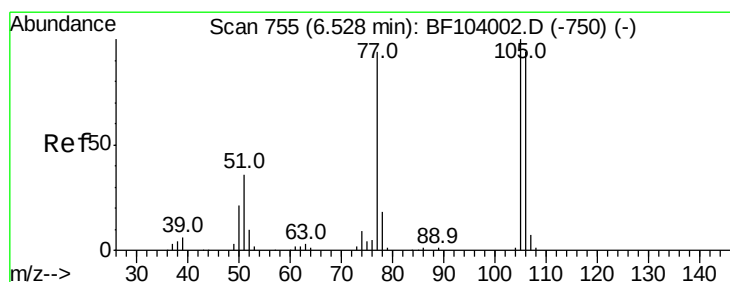
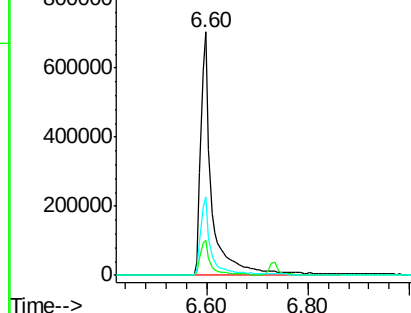
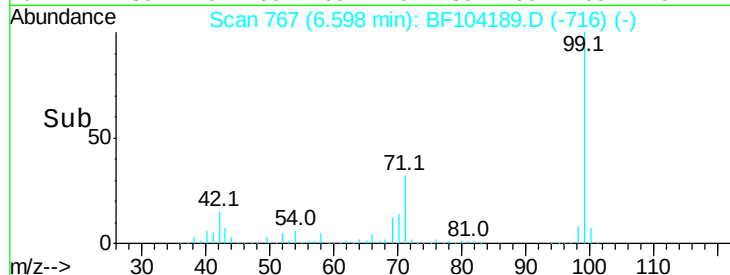
99 100

42 14.6 14.5 21.7

71 32.4 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



#9

Benzaldehyde

Concen: 2.621 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104189.D

Acq: 3 Apr 2018 19:45

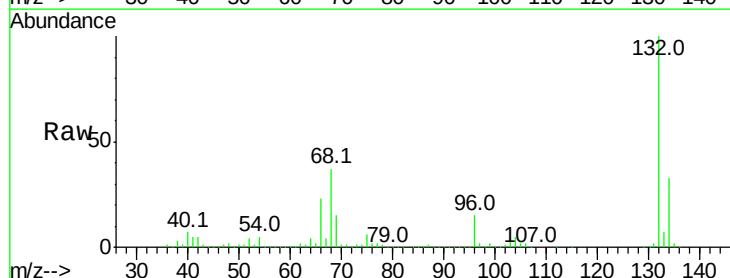
Tgt Ion: 77 Resp: 17404

Ion Ratio Lower Upper

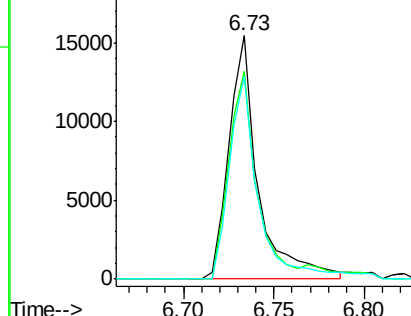
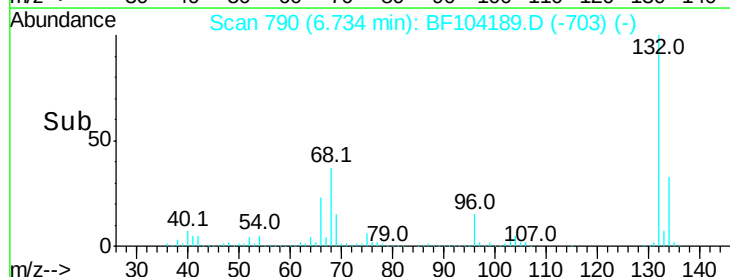
77 100

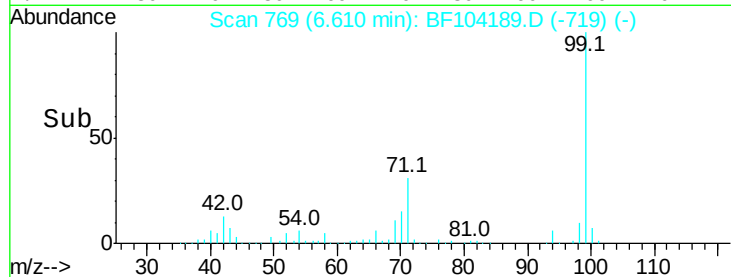
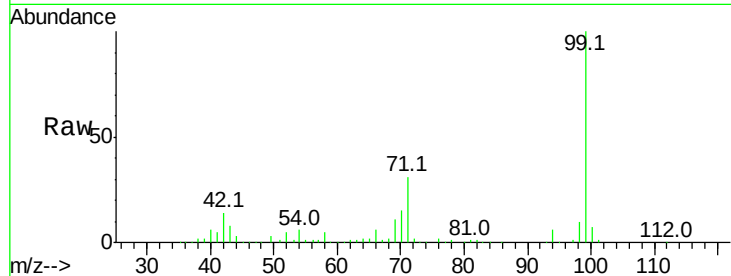
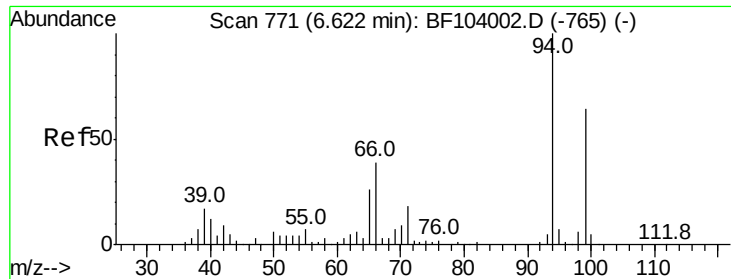
105 85.1 81.1 121.1

106 83.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.398 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104189.D

Acq: 3 Apr 2018 19:45

Instrument :

BNA_F

ClientSampleId :

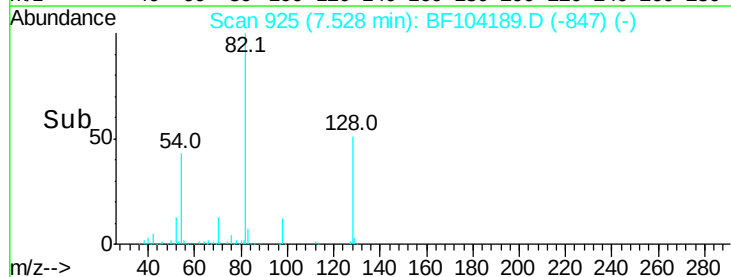
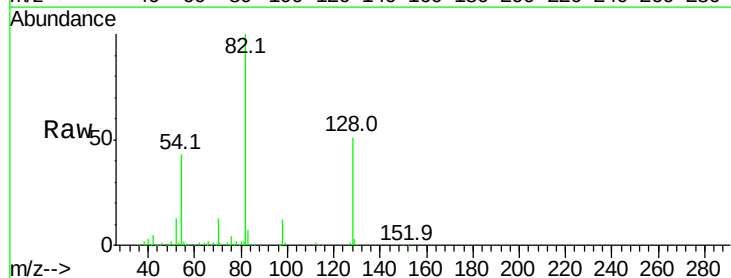
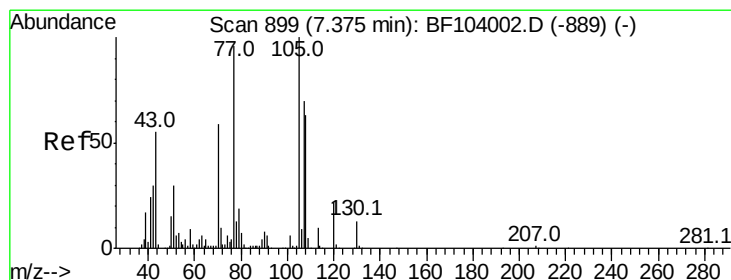
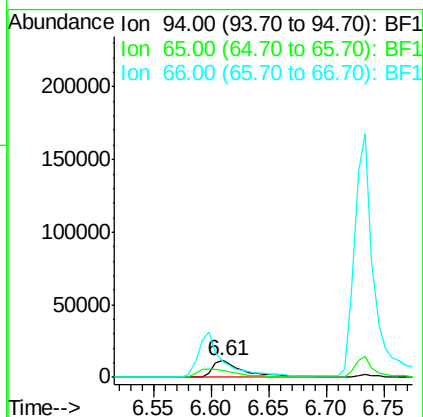
Tot Ion: 94 Resp: 22504

Ion Ratio Lower Upper

94 100

65 38.2 7.9 47.9

66 97.6 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.693 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104189.D

Acq: 3 Apr 2018 19:45

Tgt Ion: 70 Resp: 78865

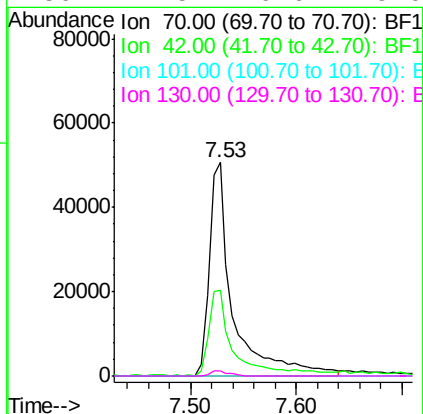
Ion Ratio Lower Upper

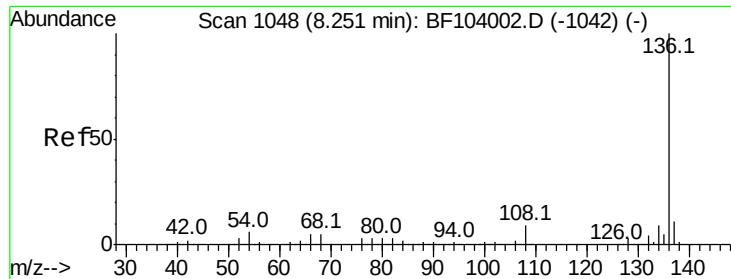
70 100

42 39.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

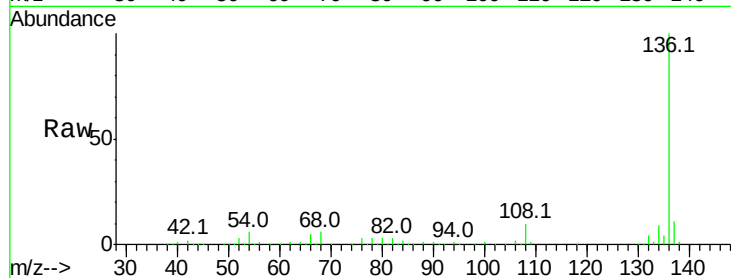




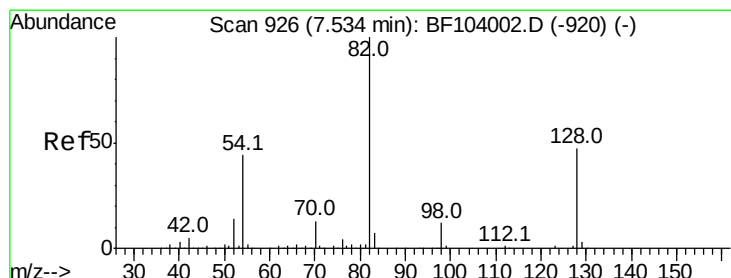
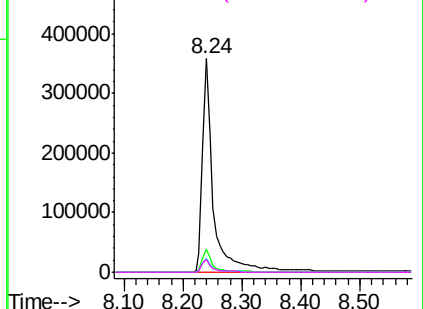
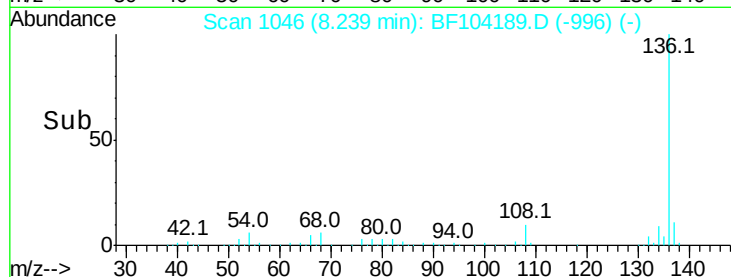
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104189.D
Acq: 3 Apr 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	468966
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4

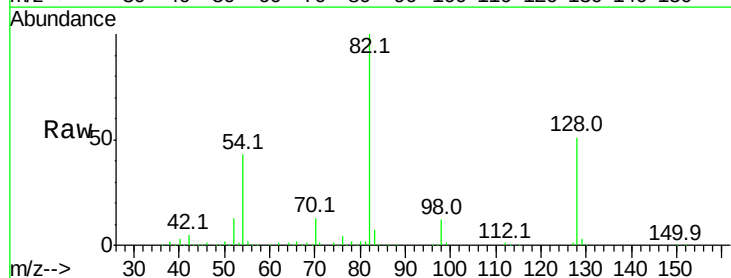


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

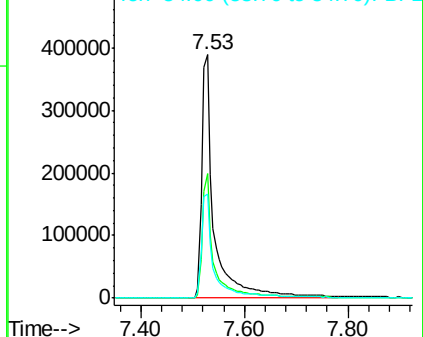
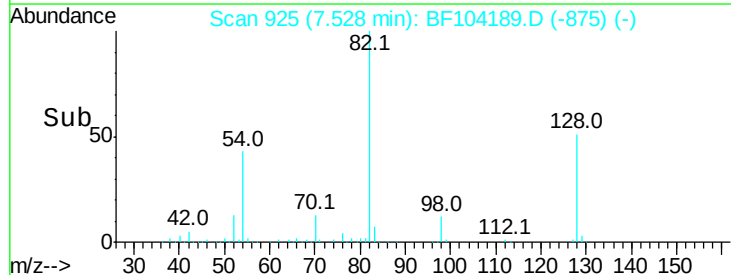


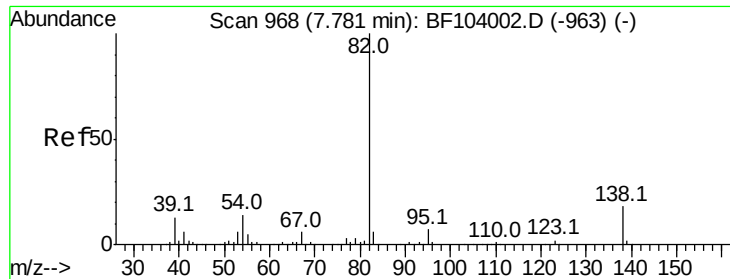
#23
Nitrobenzene-d5
Concen: 84.829 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104189.D
Acq: 3 Apr 2018 19:45

Tgt Ion:	82	Resp:	650506
Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	43.0	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: 46.030 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104189.D

Acq: 3 Apr 2018 19:45

Instrument :

BNA_F

ClientSampled :

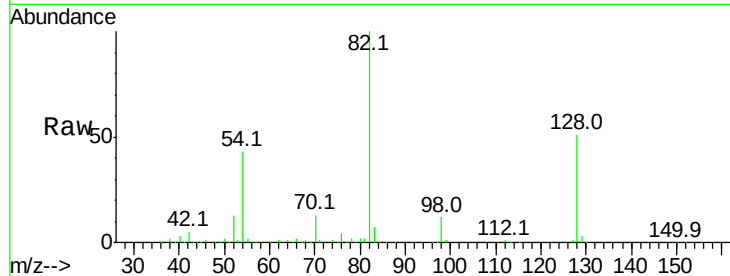
Tot Ion: 82 Resp: 650506

Ion Ratio Lower Upper

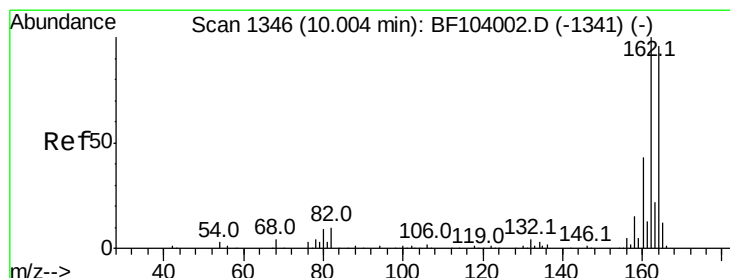
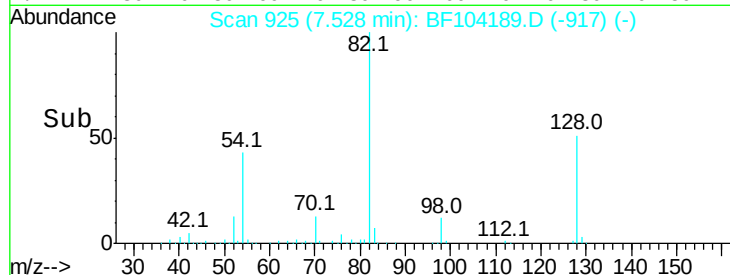
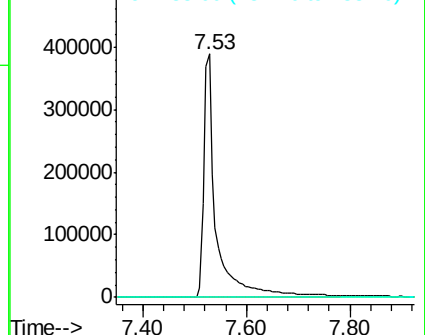
82 100

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: BF104189.D

Acq: 3 Apr 2018 19:45

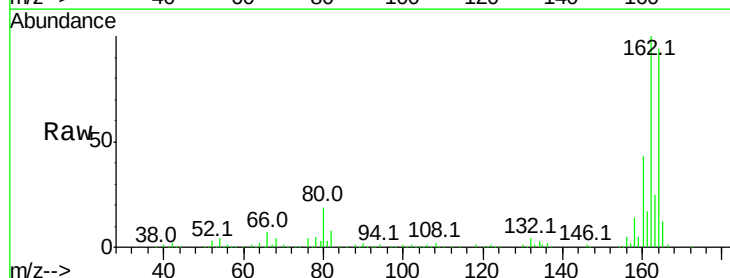
Tgt Ion:164 Resp: 225542

Ion Ratio Lower Upper

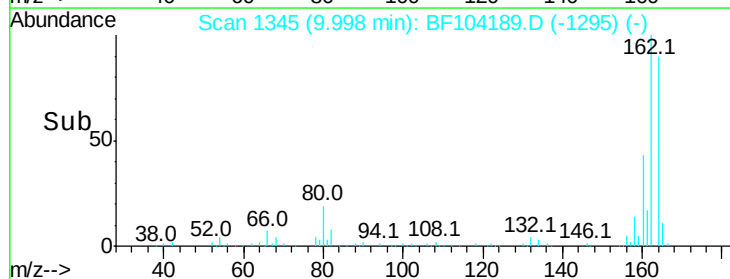
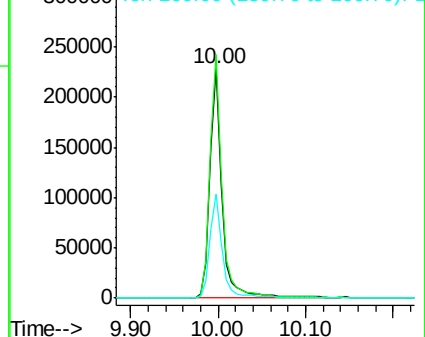
164 100

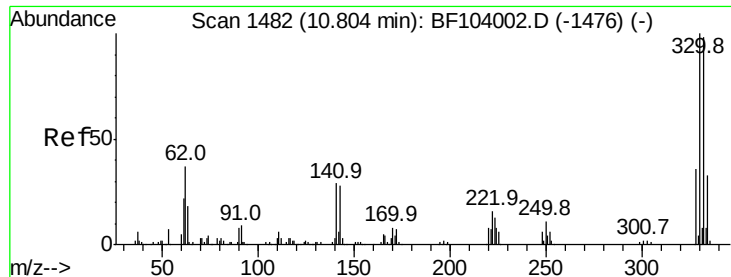
162 106.3 86.1 129.1

160 45.5 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

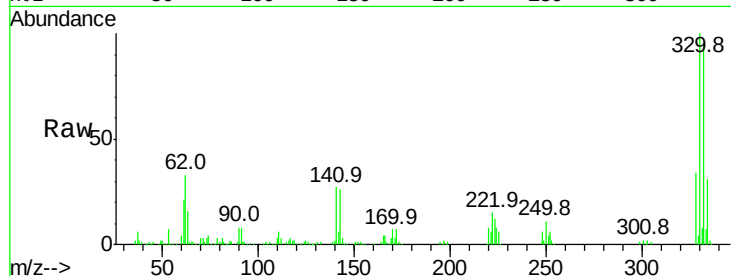




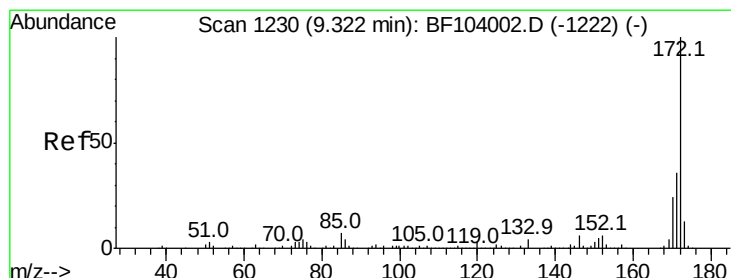
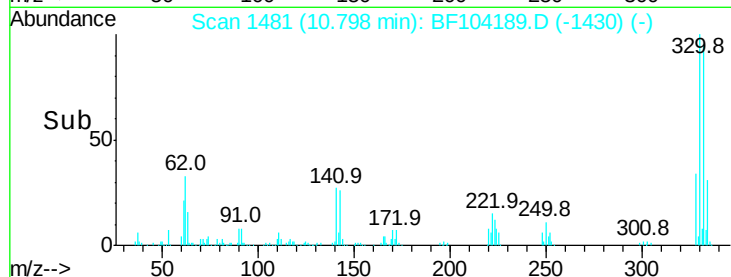
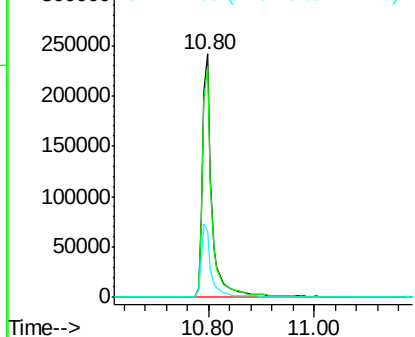
#41
 2,4,6-Tribromophenol
 Concen: 121.703 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104189.D
 Acq: 3 Apr 2018 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 305646
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 31.6 29.9 44.9

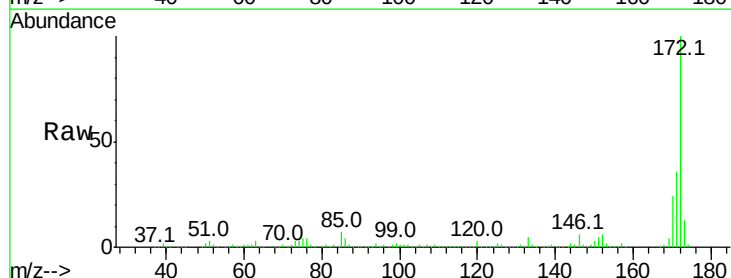


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

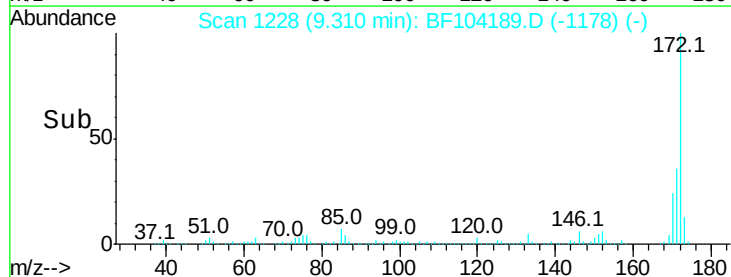
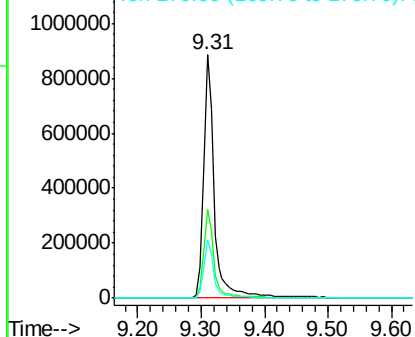


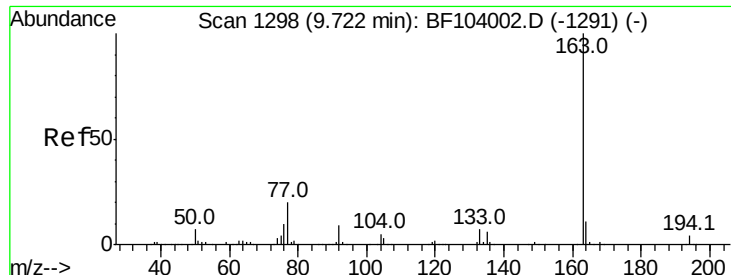
#44
 2-Fluorobiphenyl
 Concen: 72.847 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104189.D
 Acq: 3 Apr 2018 19:45

Tgt Ion:172 Resp: 1041911
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.8 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

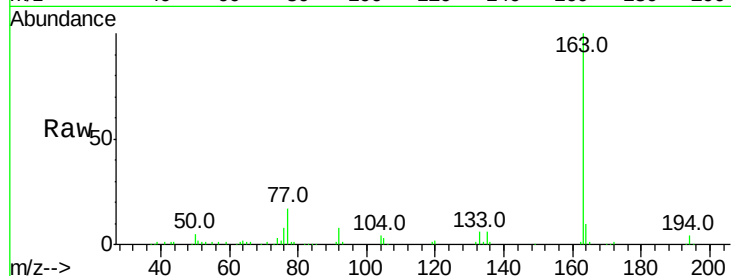




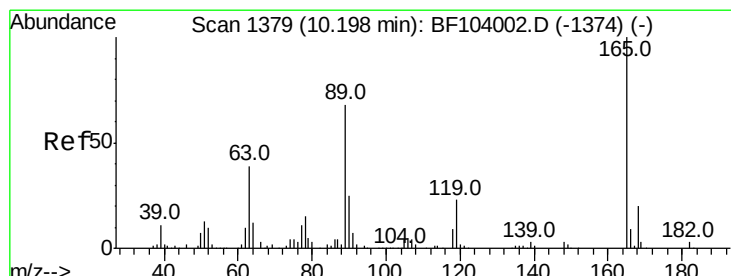
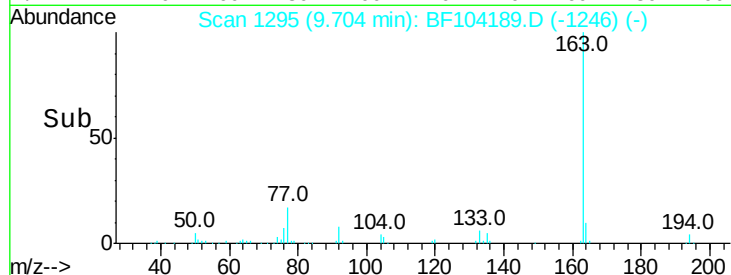
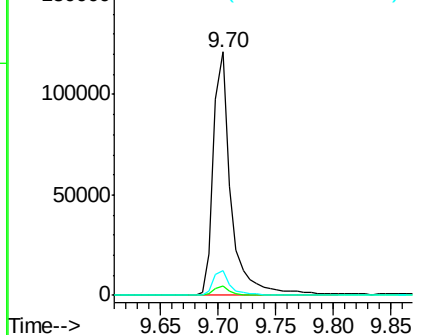
#49
 Dimethylphthalate
 Concen: 7.305 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104189.D
 Acq: 3 Apr 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 130079
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.0 8.2 12.2

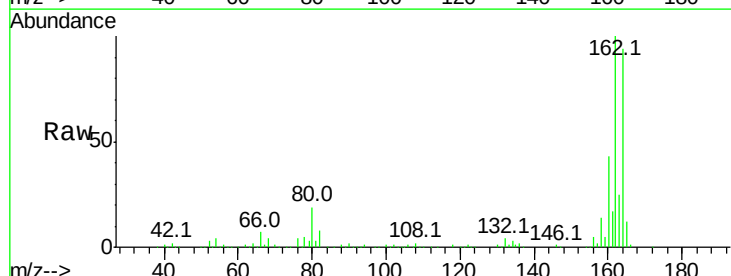


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

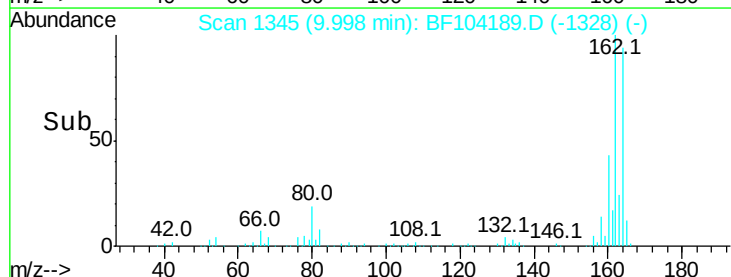
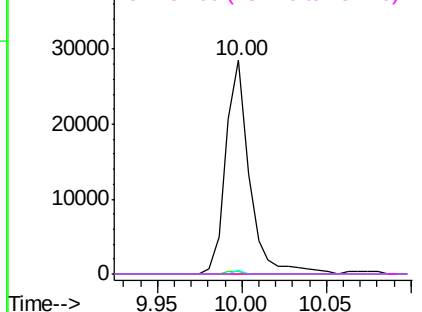


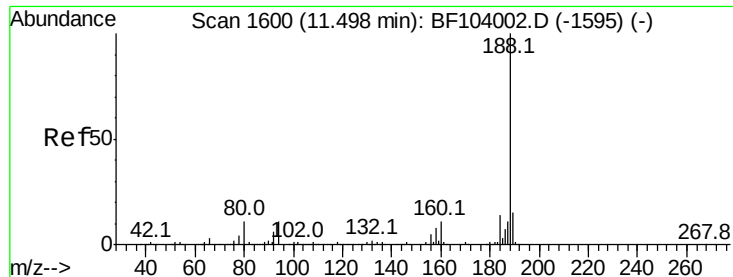
#56
 2,4-Dinitrotoluene
 Concen: 5.708 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104189.D
 Acq: 3 Apr 2018 19:45

Tgt Ion:165 Resp: 27903
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.8 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

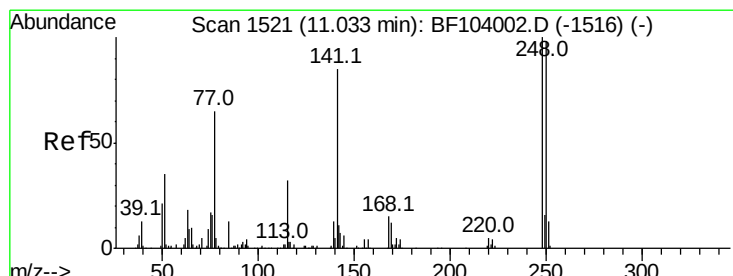
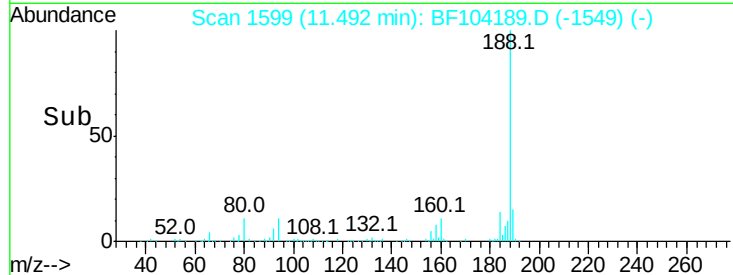
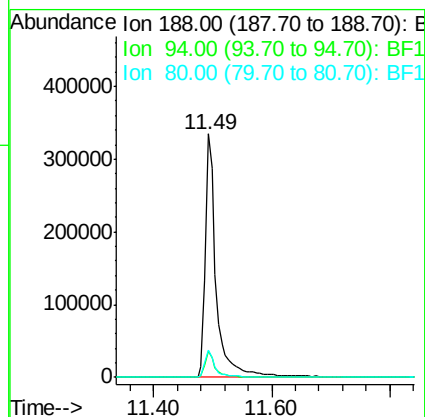
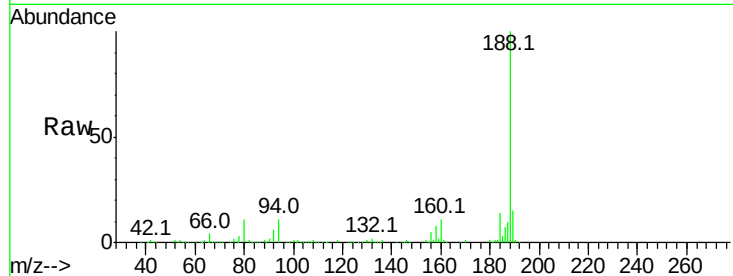




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104189.D
Acq: 3 Apr 2018 19:45

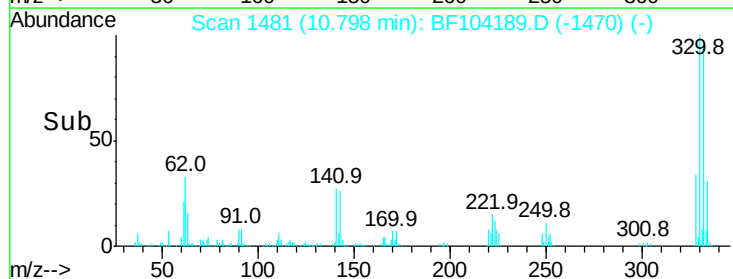
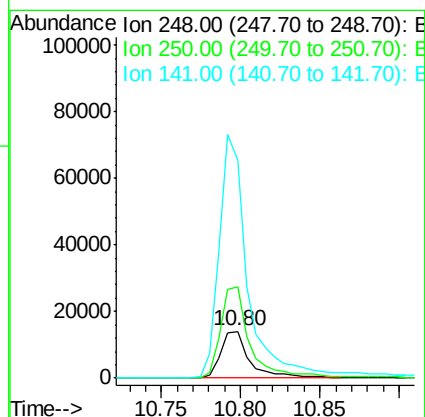
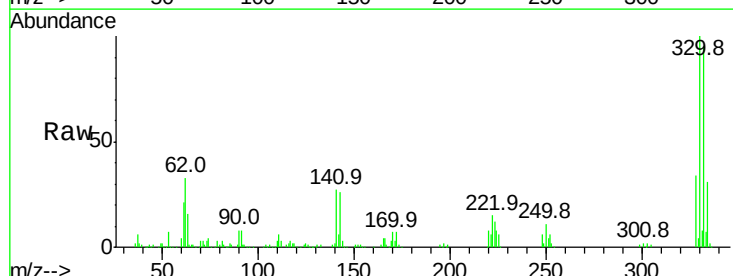
Instrument :
BNA_F
ClientSampled :

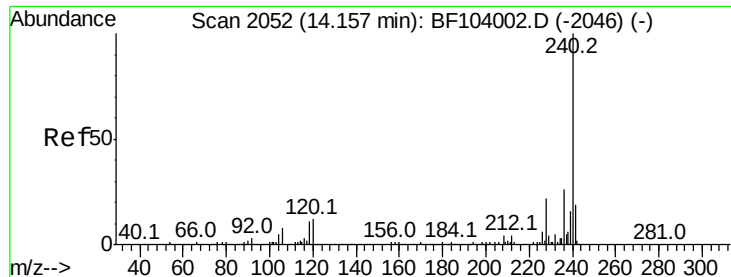
Tot Ion:188 Resp: 431374
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.858 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104189.D
Acq: 3 Apr 2018 19:45

Tgt Ion:248 Resp: 17803
Ion Ratio Lower Upper
248 100
250 195.3 76.9 115.3#
141 464.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104189.D

Acq: 3 Apr 2018 19:45

Instrument :

BNA_F

ClientSampleId :

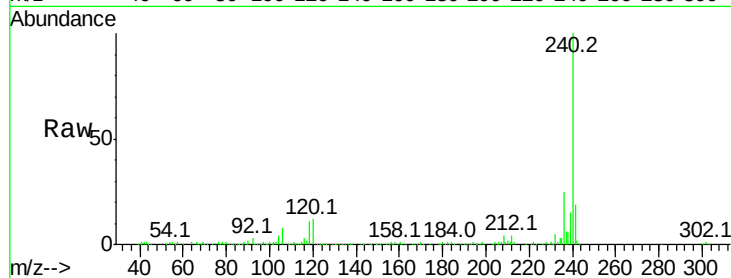
Tot Ion:240 Resp: 318283

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

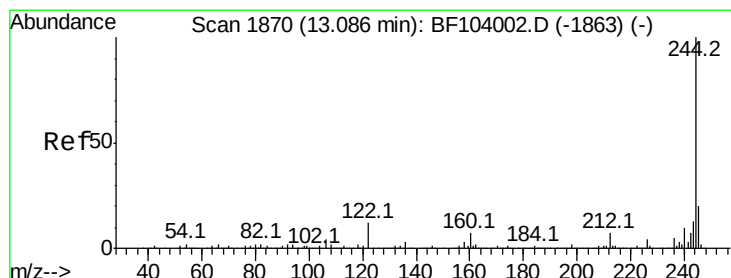
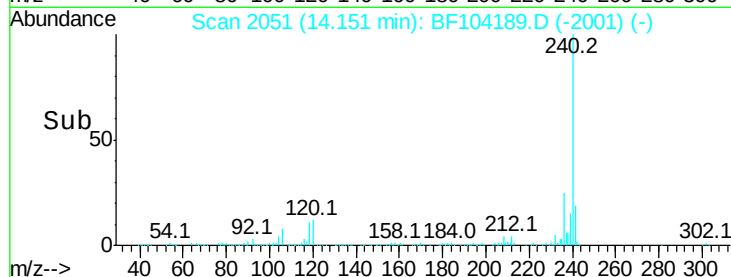
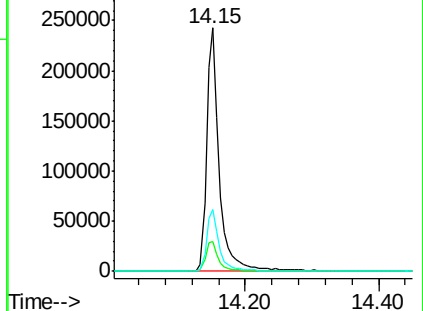
236 25.3 20.7 31.1



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: 79.710 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104189.D

Acq: 3 Apr 2018 19:45

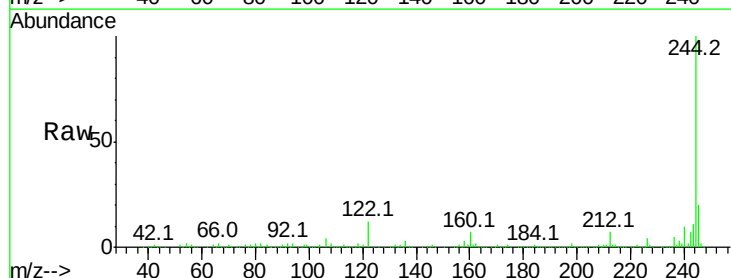
Tgt Ion:244 Resp: 1098785

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

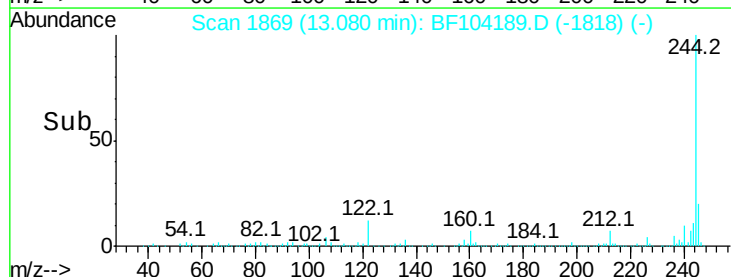
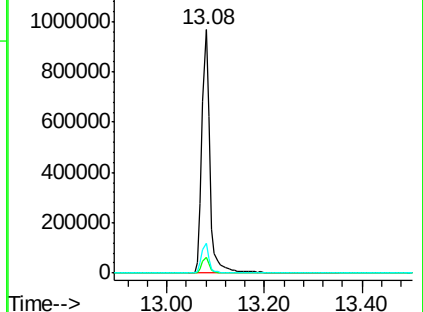
122 12.1 11.0 16.4

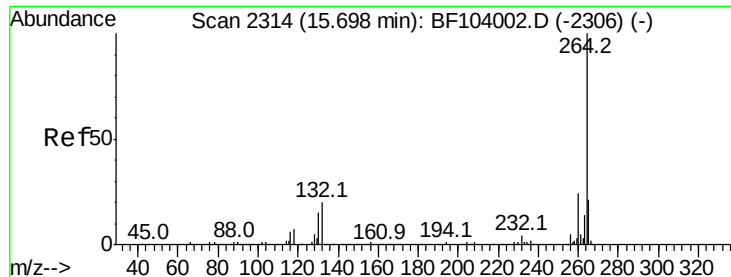


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104189.D
 Acq: 3 Apr 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3

