

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104205.D
 Acq On : 4 Apr 2018 2:46
 Operator : JU/SJ
 Sample : J2182-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 03:15:26 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

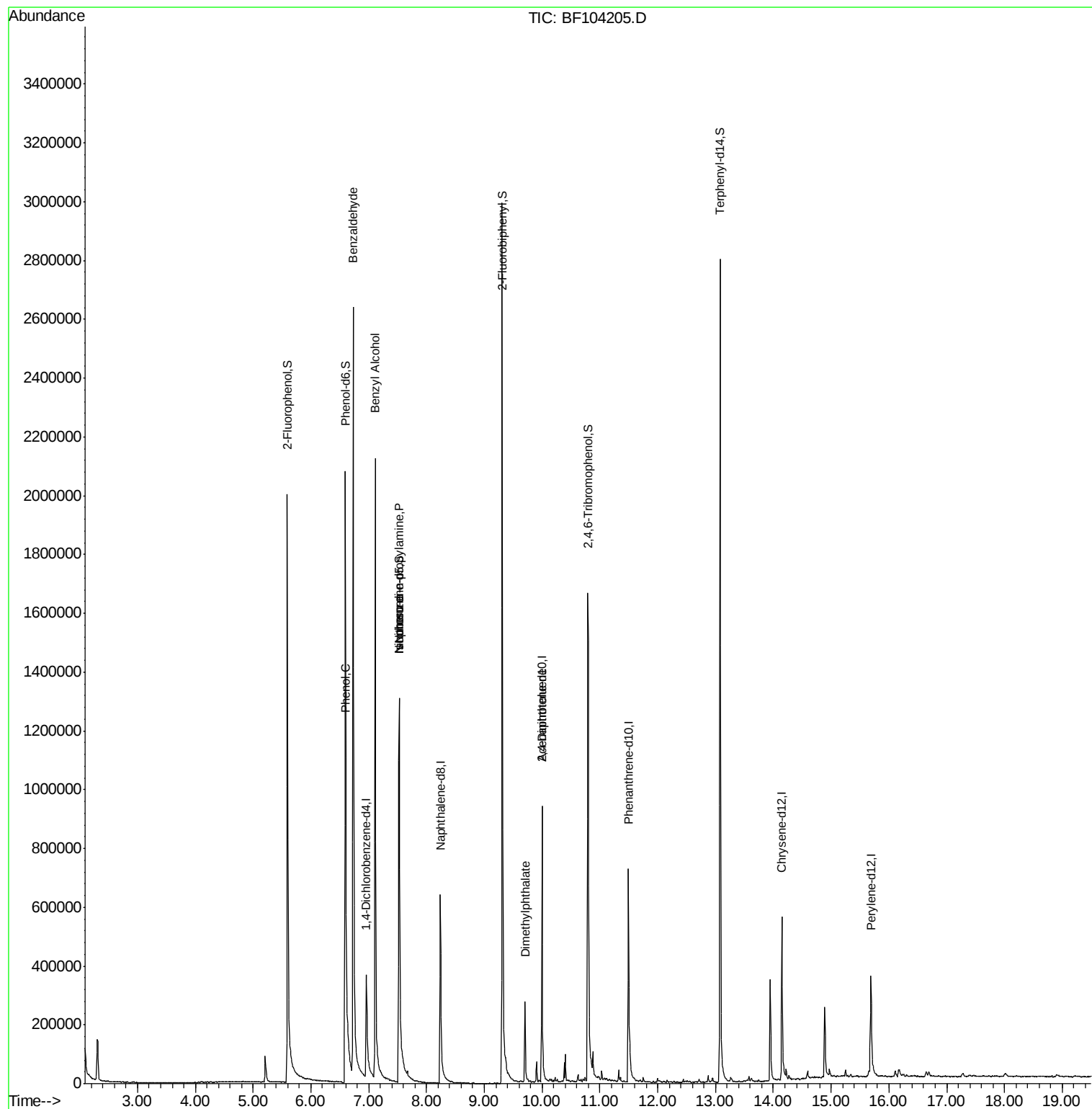
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112576	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	481606	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	225099	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	413100	20.00	ng	0.00
75) Chrysene-d12	14.15	240	284106	20.00	ng	0.00
86) Perylene-d12	15.69	264	234831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	966032	136.85	ng	0.01
7) Phenol-d6	6.60	99	1258858	144.95	ng	0.00
23) Nitrobenzene-d5	7.53	82	766462	97.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	317124	126.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1296142	90.80	ng	0.00
78) Terphenyl-d14	13.08	244	1176653	95.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	19712	2.951	ng	88
10) Phenol	6.61	94	27352	2.842	ng	# 41
15) Benzyl Alcohol	7.11	79	11563	2.048	ng	# 45
19) n-Nitroso-di-n-propylamine	7.53	70	90862	17.629	ng	# 70
25) Isophorone	7.53	82	776248	53.486	ng	# 64
49) Dimethylphthalate	9.70	163	158256	8.905	ng	99
56) 2,4-Dinitrotoluene	10.00	165	28194	5.779	ng	# 23

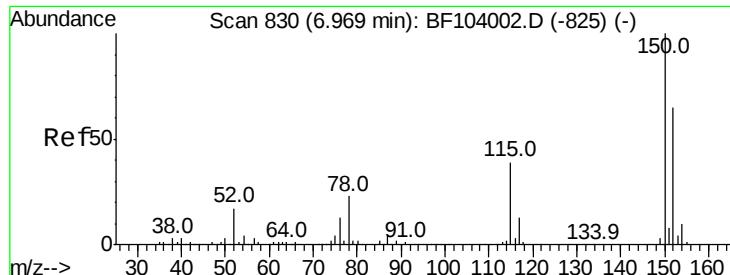
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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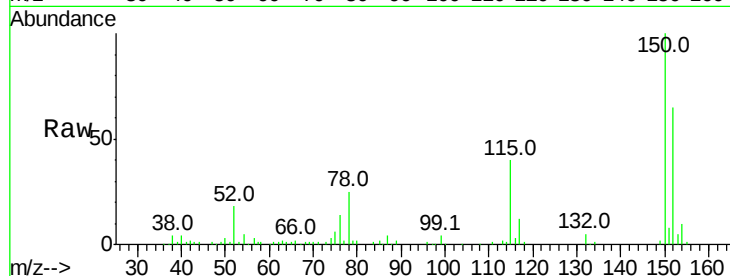


#1

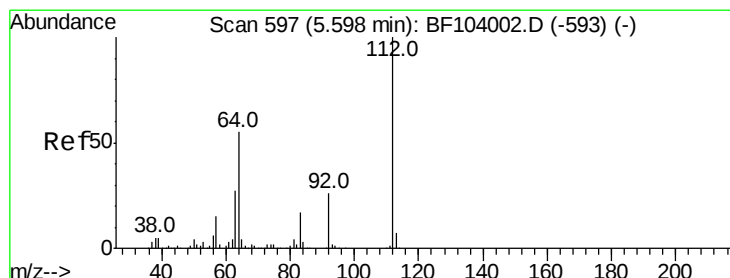
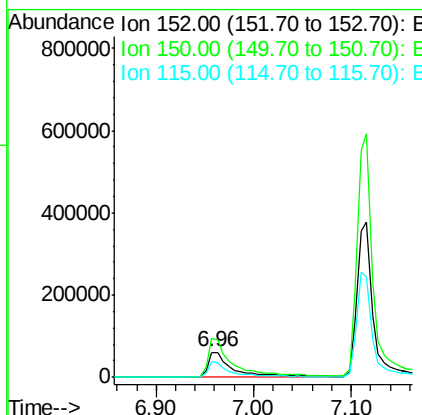
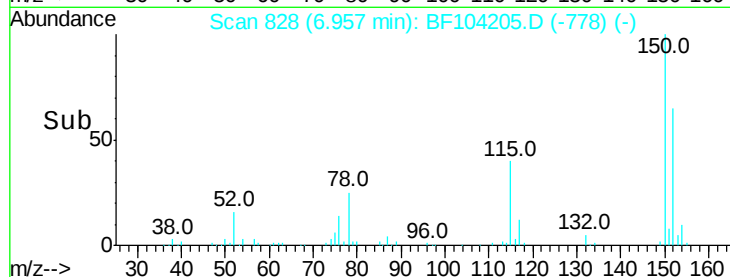
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104205.D
 Acq: 4 Apr 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 112576
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 61.6 50.1 75.1



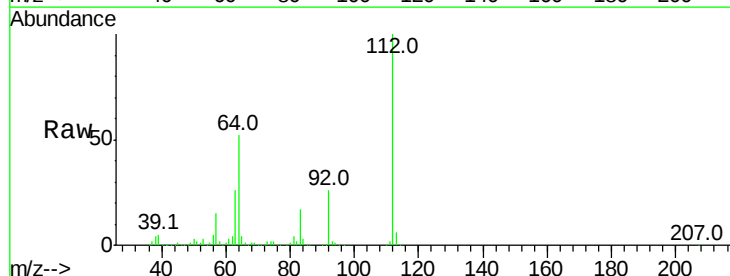
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



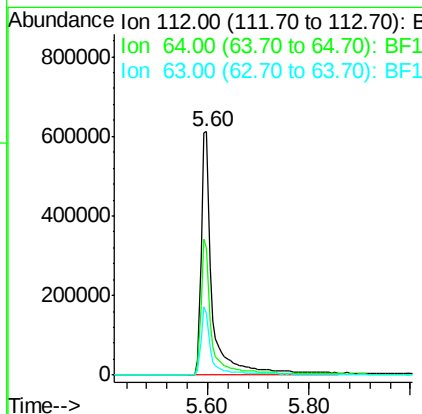
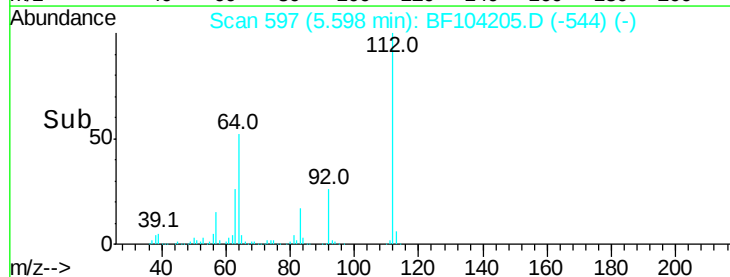
#5

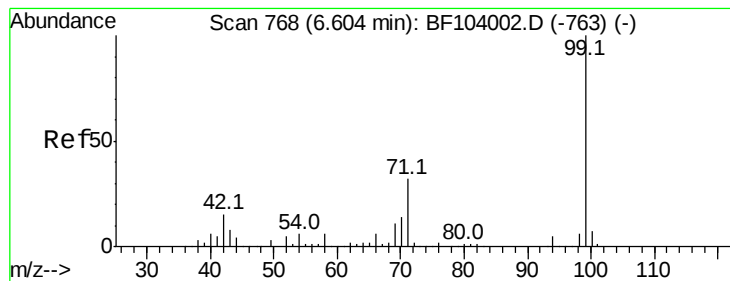
2-Fluorophenol
 Concen: 136.848 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF104205.D
 Acq: 4 Apr 2018 2:46

Tgt Ion:112 Resp: 966032
 Ion Ratio Lower Upper
 112 100
 64 52.1 47.9 71.9
 63 25.6 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: 144.948 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104205.D

Acq: 4 Apr 2018 2:46

Instrument :

BNA_F

ClientSampleId :

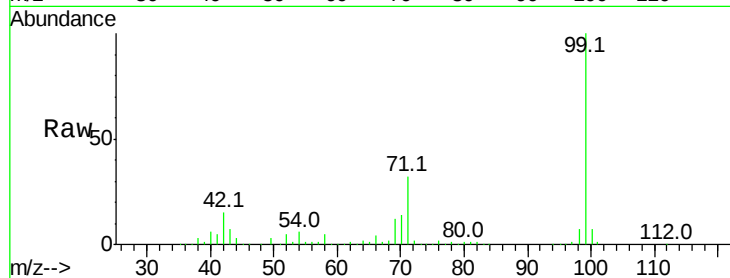
Tot Ion: 99 Resp: 1258858

Ion Ratio Lower Upper

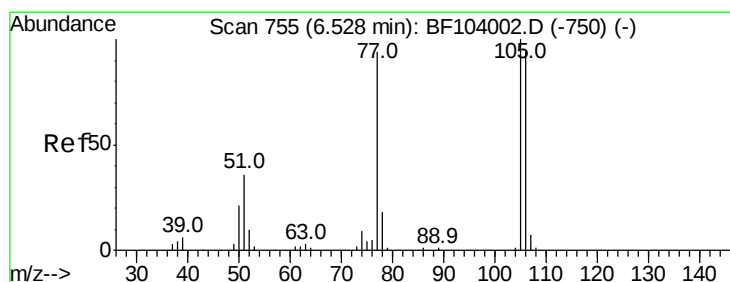
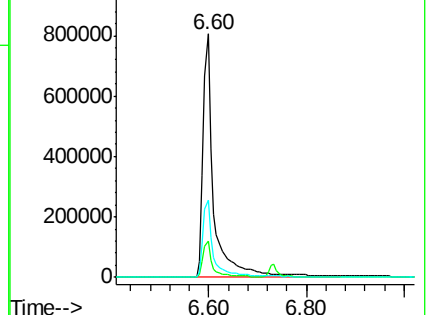
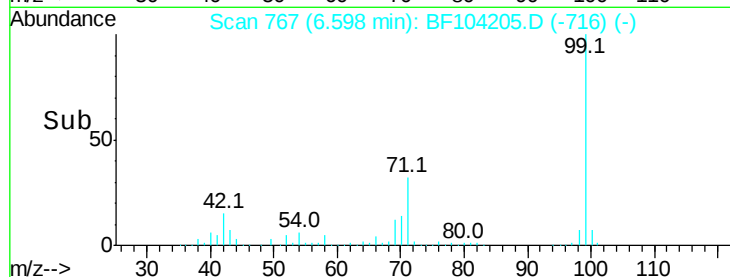
99 100

42 14.8 14.5 21.7

71 31.9 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: 2.951 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104205.D

Acq: 4 Apr 2018 2:46

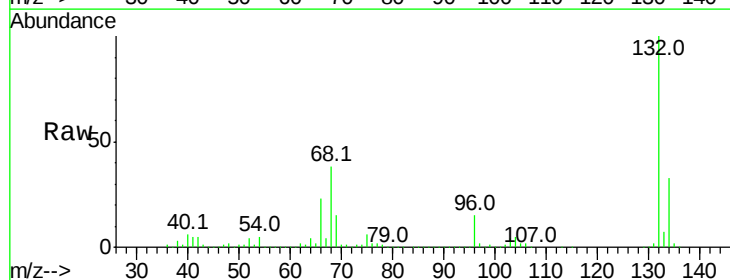
Tgt Ion: 77 Resp: 19712

Ion Ratio Lower Upper

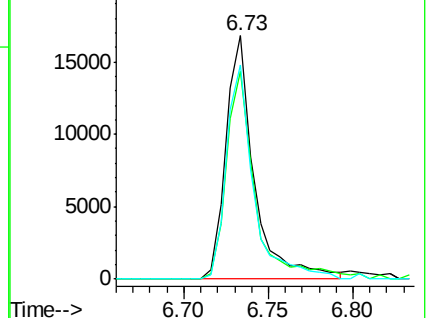
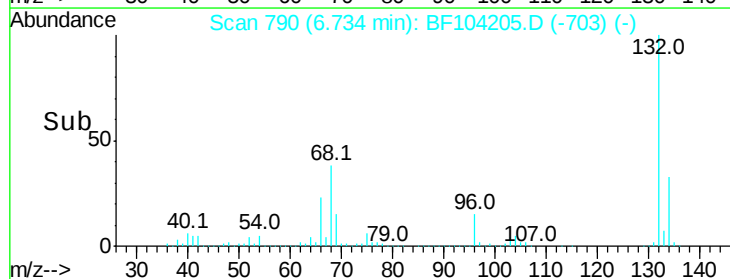
77 100

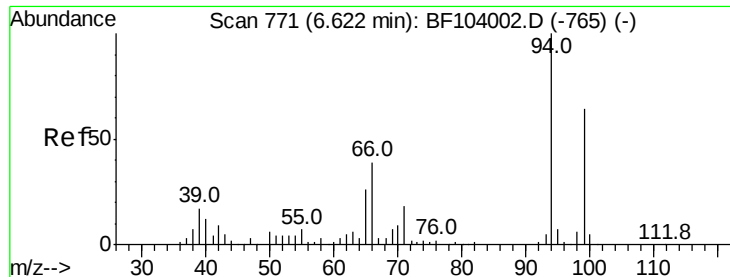
105 85.1 81.1 121.1

106 87.7 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: 2.842 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104205.D

Acq: 4 Apr 2018 2:46

Instrument :

BNA_F

ClientSampled :

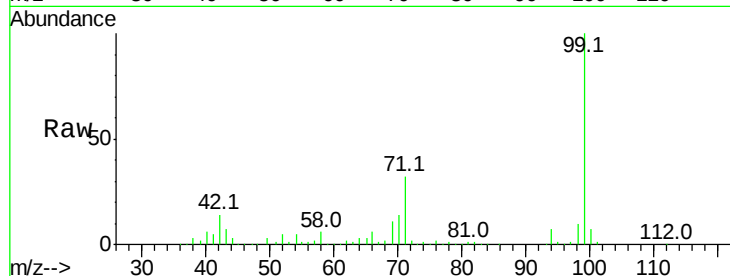
Tot Ion: 94 Resp: 27352

Ion Ratio Lower Upper

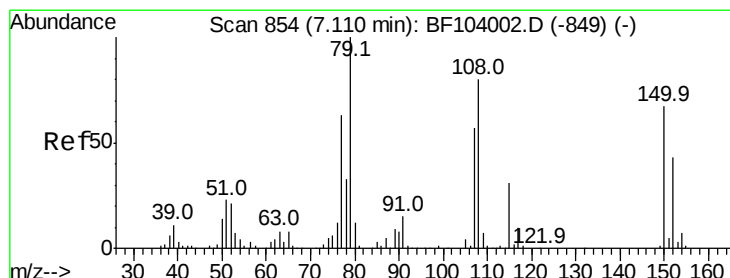
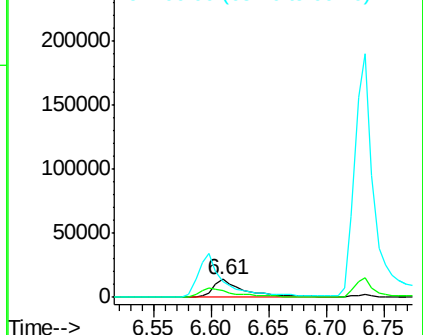
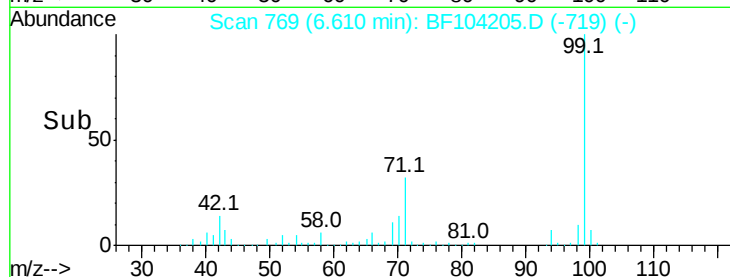
94 100

65 37.2 7.9 47.9

66 89.4 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 2.048 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF104205.D

Acq: 4 Apr 2018 2:46

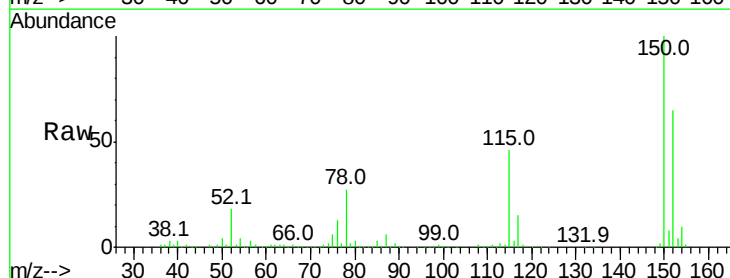
Tgt Ion: 79 Resp: 11563

Ion Ratio Lower Upper

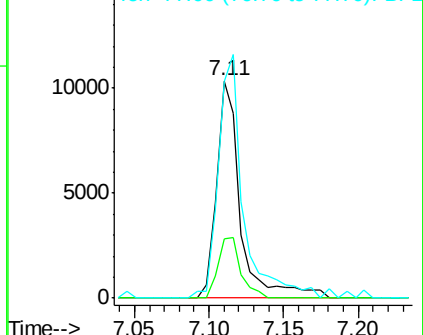
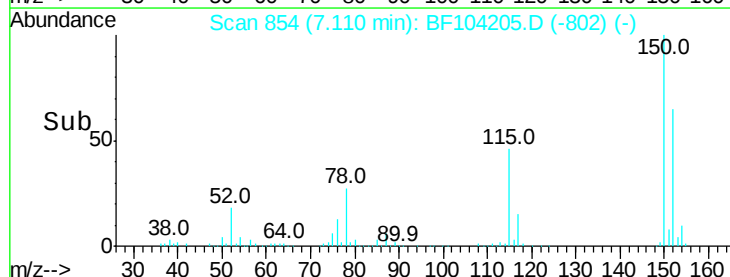
79 100

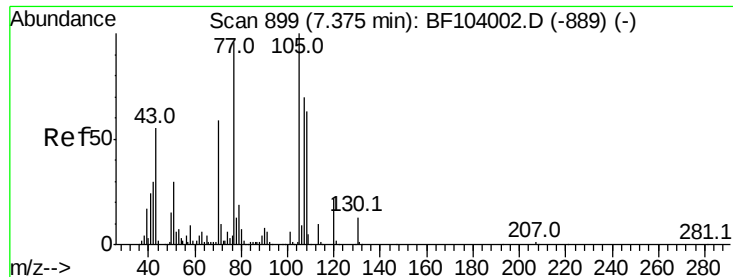
108 27.2 65.1 97.7#

77 100.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

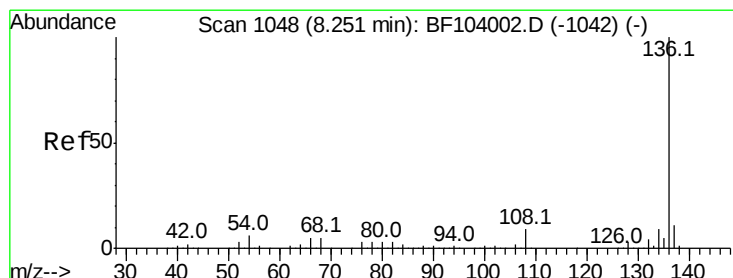
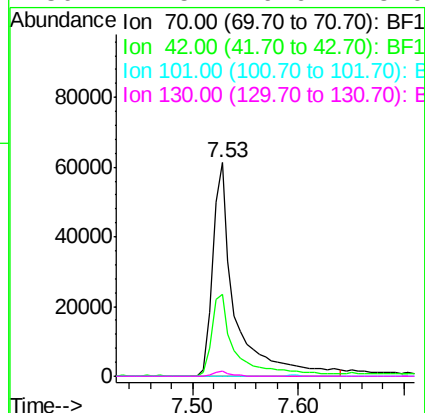
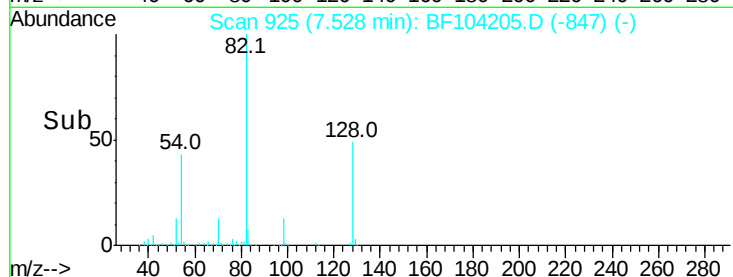
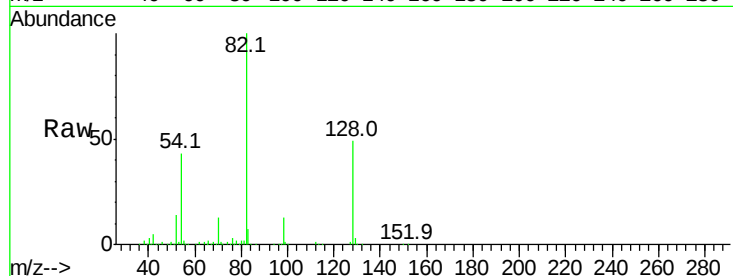




#19
n-Nitroso-di-n-propylamine
Concen: 17.629 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.16 min
Lab File: BF104205.D
Acq: 4 Apr 2018 2:46

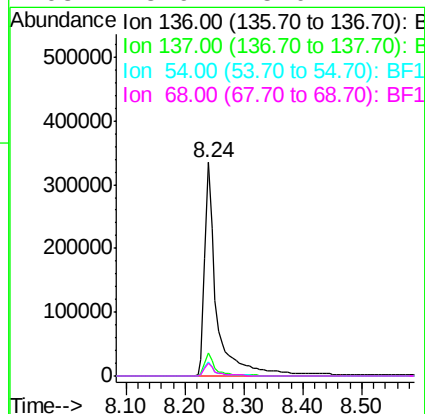
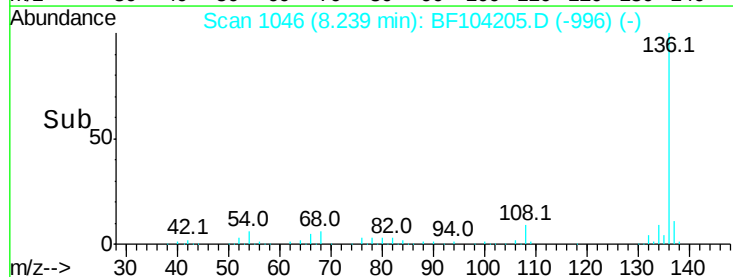
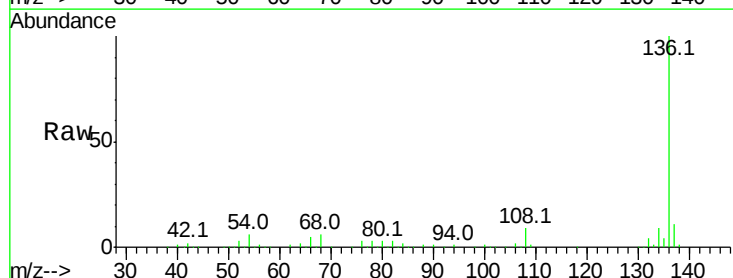
Instrument :
BNA_F
ClientSampleId :

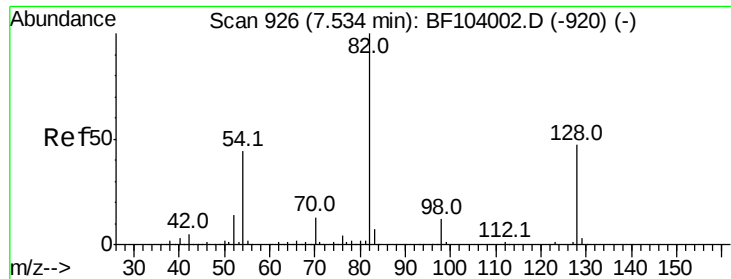
Tot Ion: 70 Resp: 90862
Ion Ratio Lower Upper
70 100
42 38.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104205.D
Acq: 4 Apr 2018 2:46

Tgt Ion: 136 Resp: 481606
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.3 6.6 9.8#
68 5.9 5.0 7.4

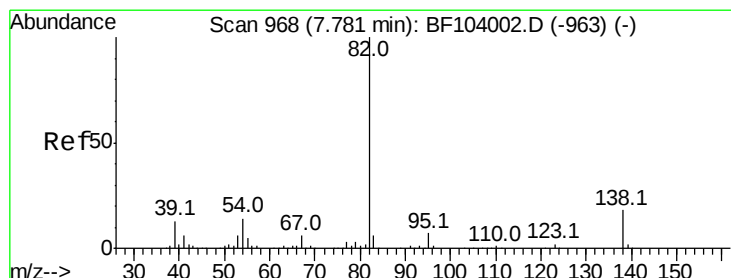
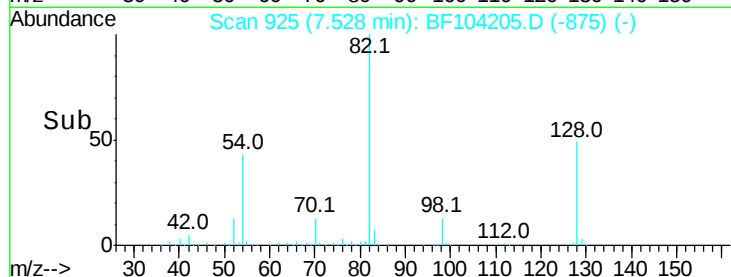
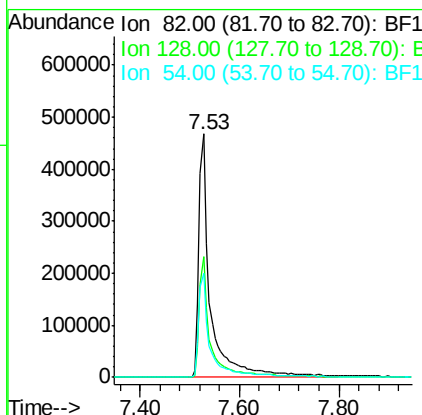
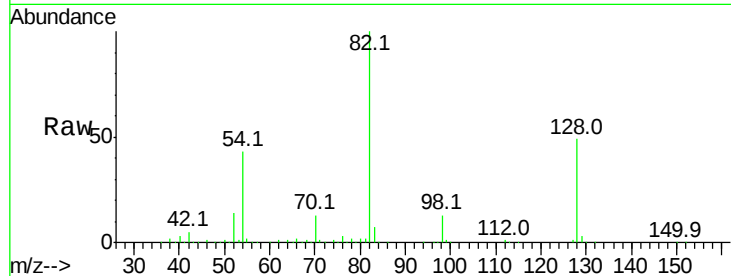




#23
 Nitrobenzene-d5
 Concen: 97.327 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104205.D
 Acq: 4 Apr 2018 2:46

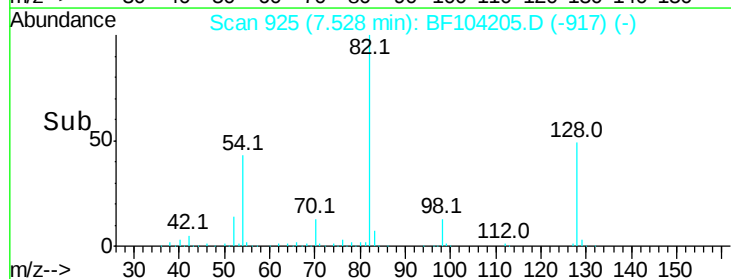
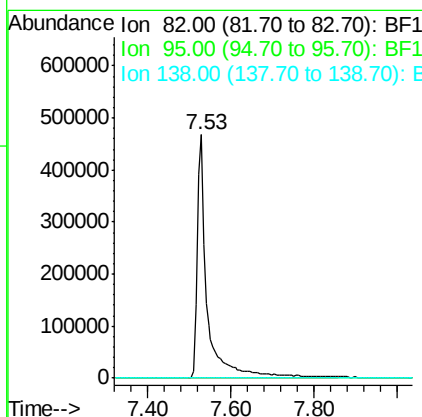
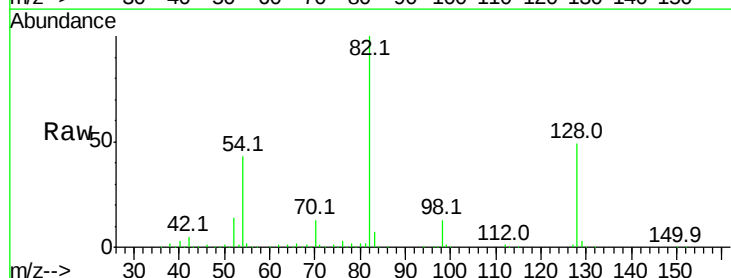
Instrument :
 BNA_F
 ClientSampleId :

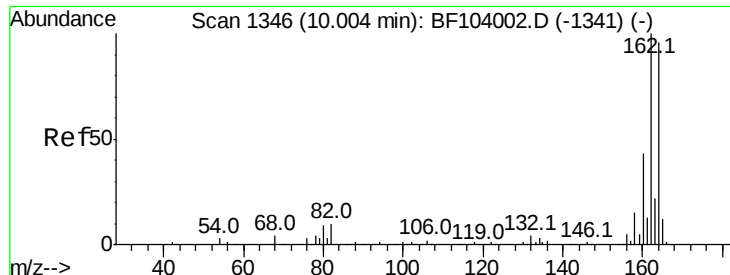
Tot Ion	82	Resp	766462
Ion Ratio	Lower	Upper	
82	100		
128	49.5	36.1	54.1
54	42.7	41.4	62.2



#25
 Isophorone
 Concen: 53.486 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.25 min
 Lab File: BF104205.D
 Acq: 4 Apr 2018 2:46

Tgt Ion	82	Resp	776248
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

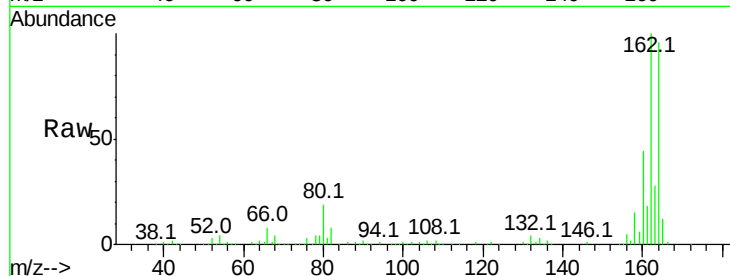




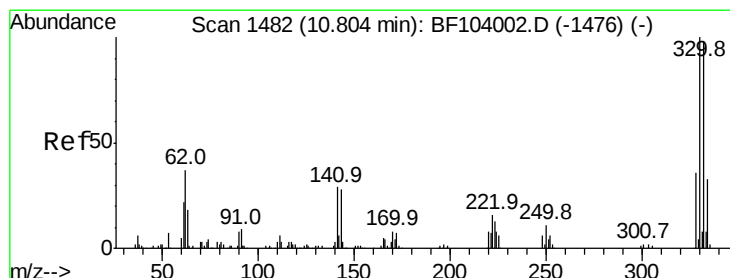
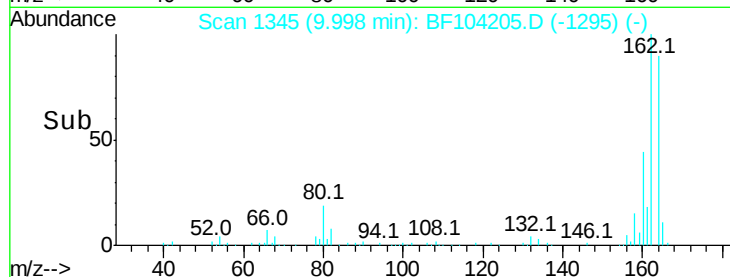
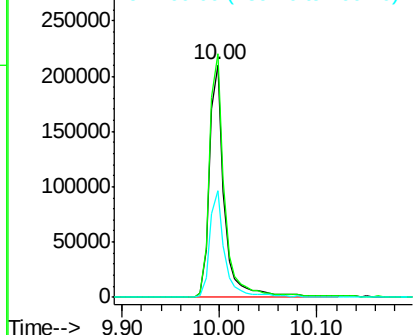
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104205.D
 Acq: 4 Apr 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 225099
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 46.0 38.3 57.5

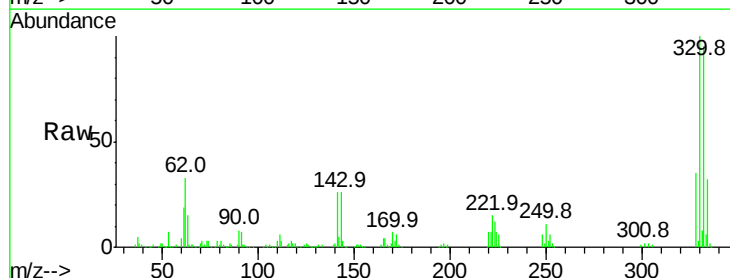


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

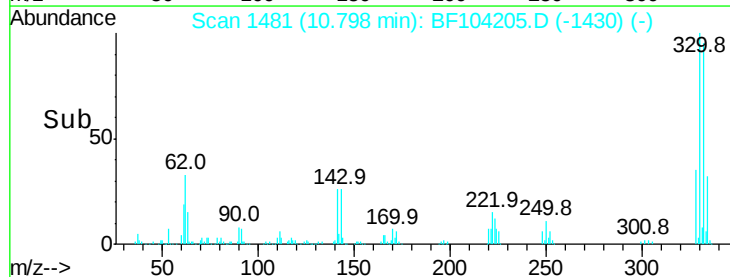
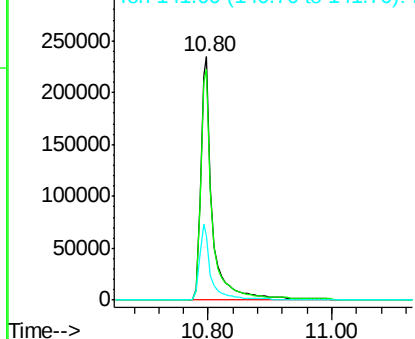


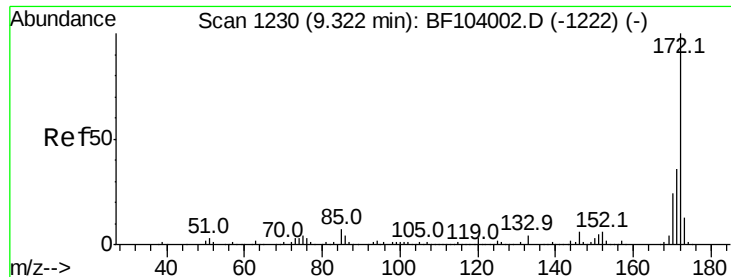
#41
 2,4,6-Tribromophenol
 Concen: 126.522 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104205.D
 Acq: 4 Apr 2018 2:46

Tgt Ion:330 Resp: 317124
 Ion Ratio Lower Upper
 330 100
 332 96.8 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

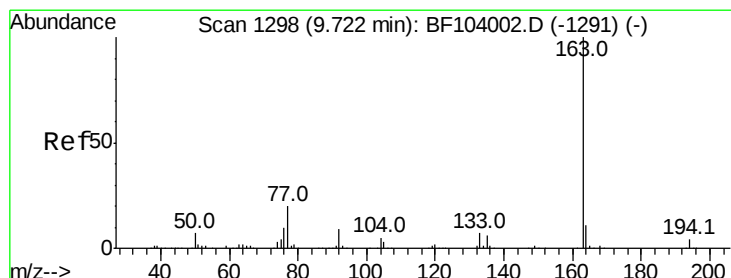
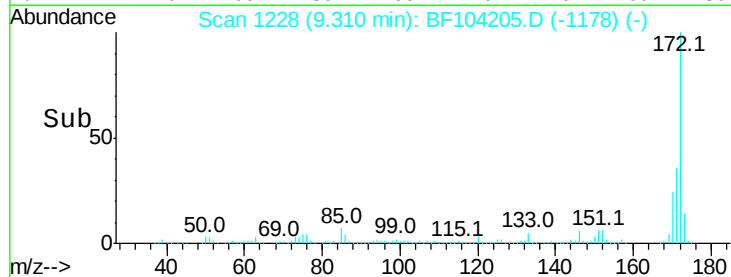
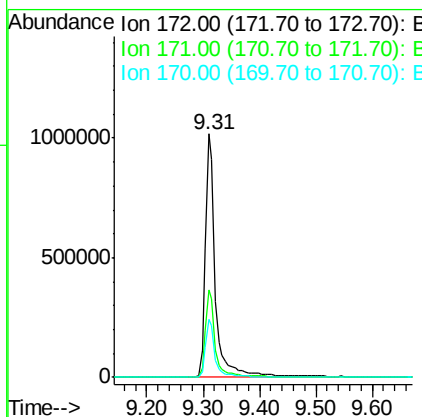
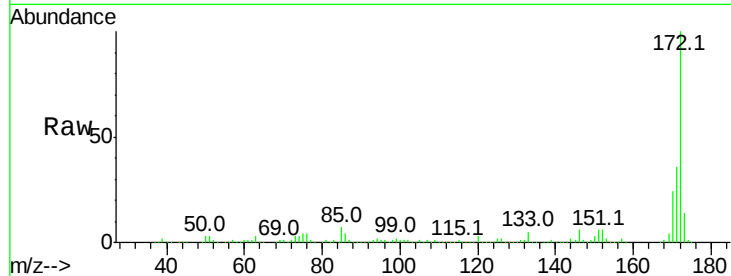




#44
 2-Fluorobiphenyl
 Concen: 90.800 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104205.D
 Acq: 4 Apr 2018 2:46

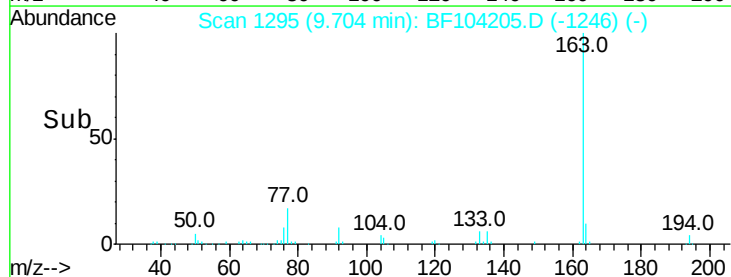
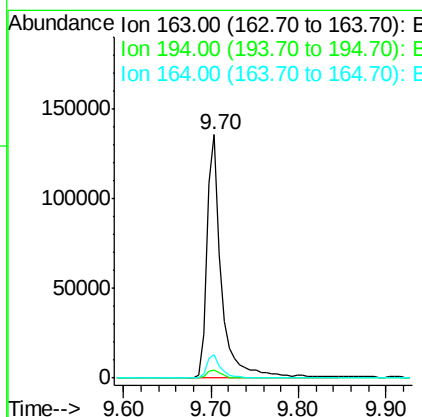
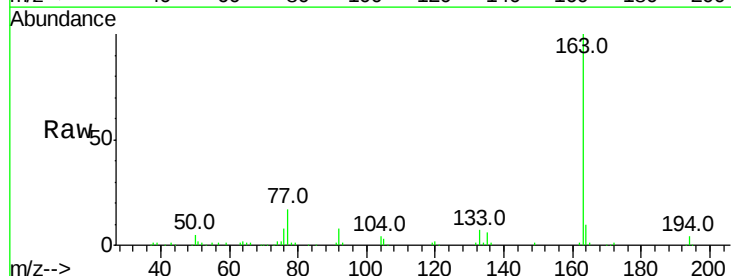
Instrument :
 BNA_F
 ClientSampled :

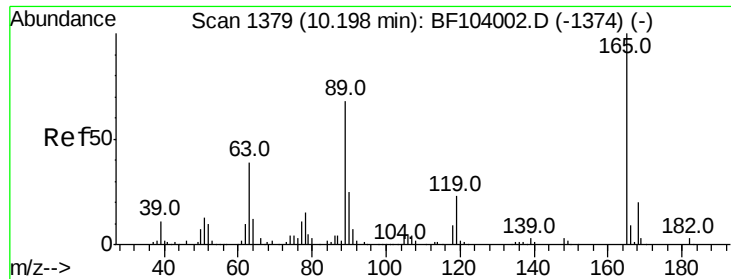
Tot Ion:172 Resp: 1296142
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.0 19.6 29.4



#49
 Dimethylphthalate
 Concen: 8.905 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104205.D
 Acq: 4 Apr 2018 2:46

Tgt Ion:163 Resp: 158256
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.7 8.2 12.2





#56

2,4-Dinitrotoluene

Concen: 5.779 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.20 min

Lab File: BF104205.D

Acq: 4 Apr 2018 2:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 28194

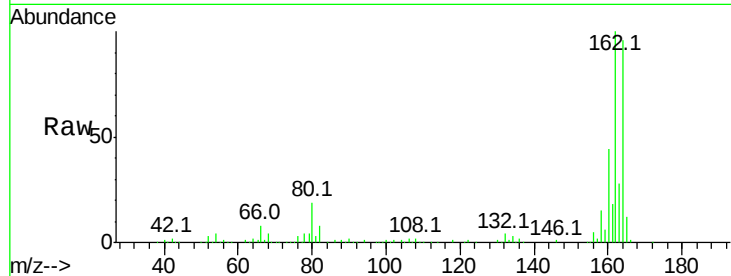
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

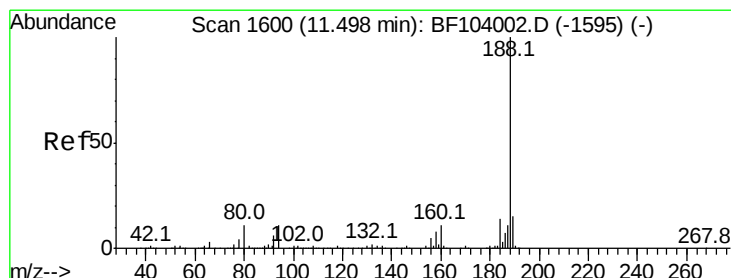
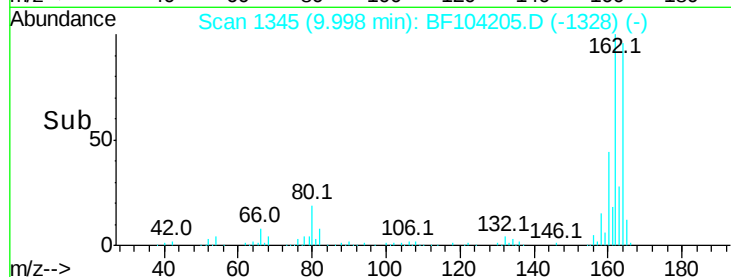
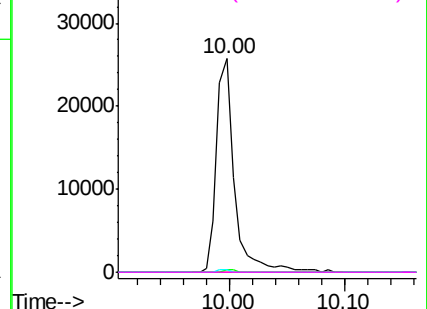


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF104205.D

Acq: 4 Apr 2018 2:46

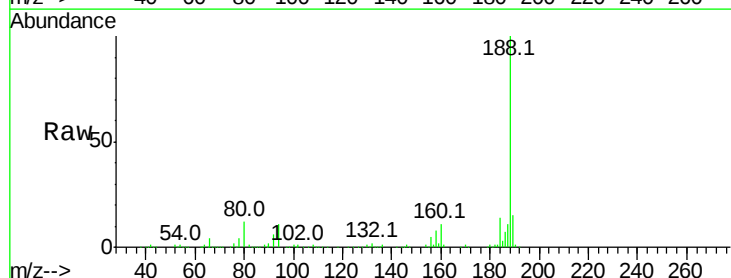
Tgt Ion:188 Resp: 413100

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

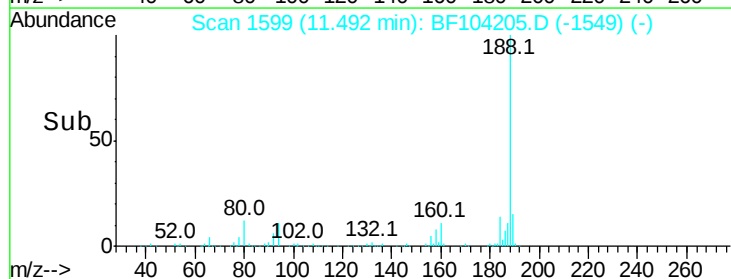
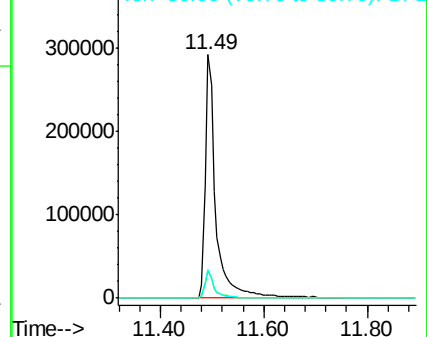
80 11.9 9.2 13.8

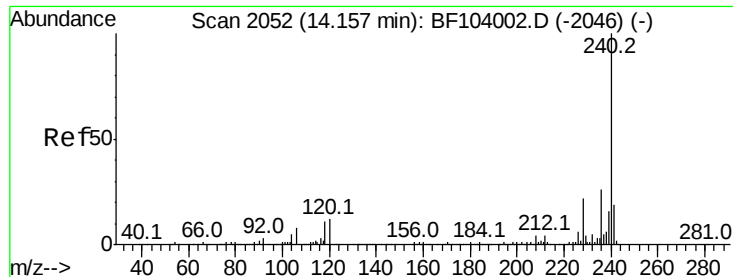


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104205.D

Acq: 4 Apr 2018 2:46

Instrument :

BNA_F

ClientSampled :

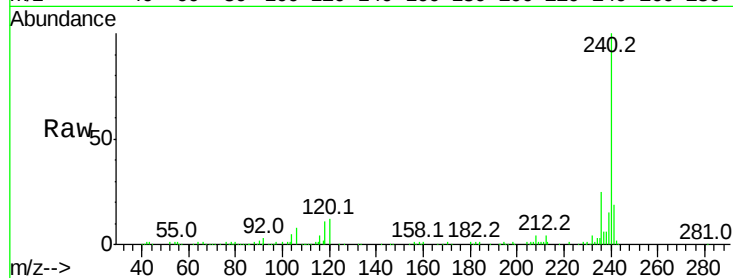
Tot Ion:240 Resp: 284106

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

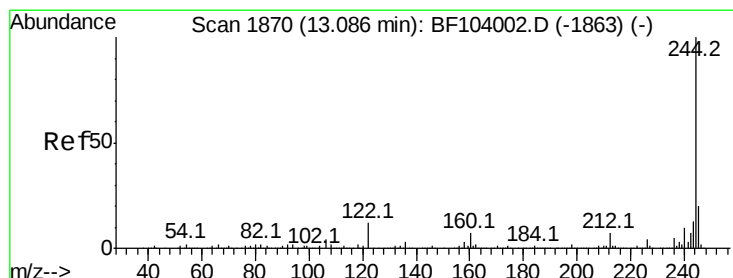
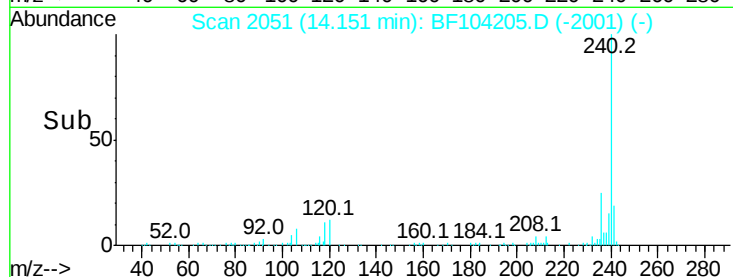
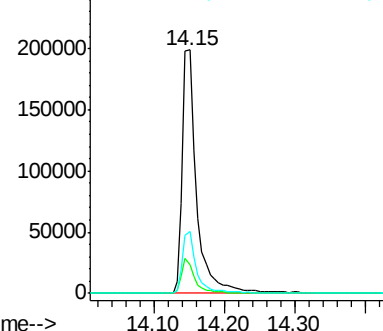
236 25.4 20.7 31.1



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: 95.628 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104205.D

Acq: 4 Apr 2018 2:46

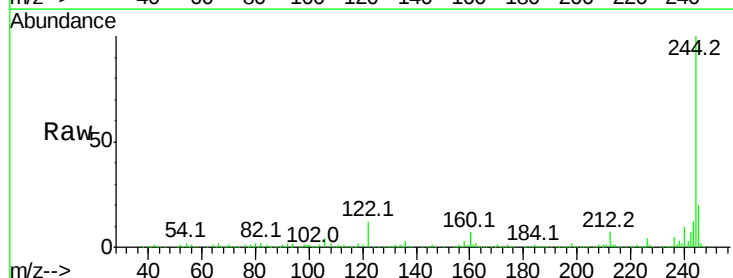
Tgt Ion:244 Resp: 1176653

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

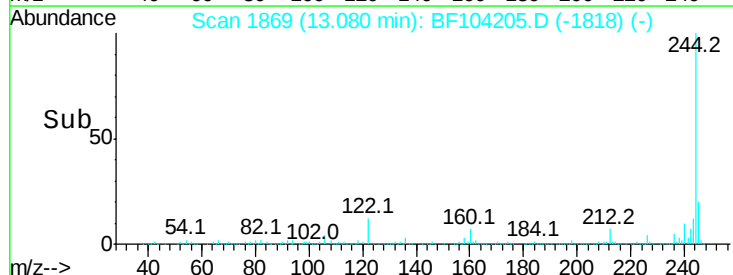
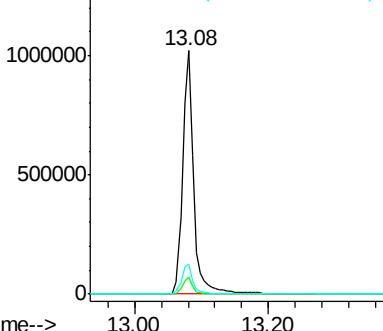
122 12.3 11.0 16.4

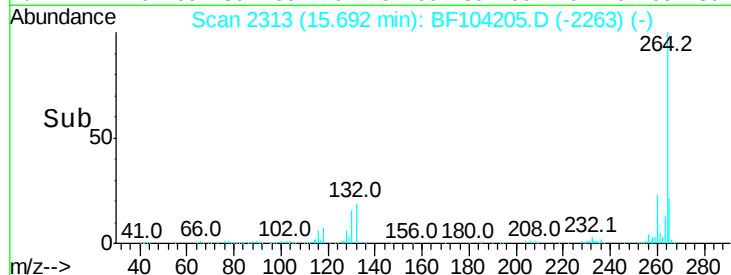
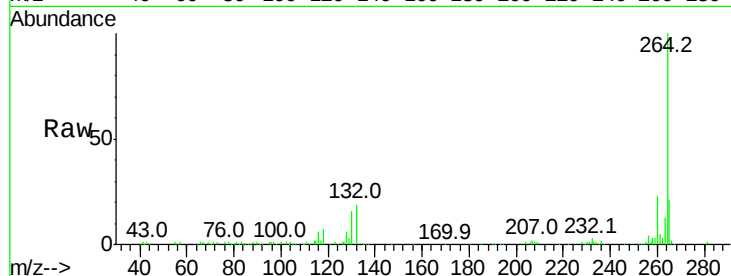
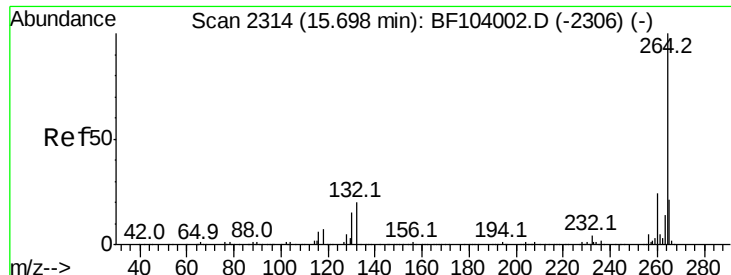


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF104205.D
Acq: 4 Apr 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	234831
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	20.6	17.5	26.3

