

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104266.D
 Acq On : 5 Apr 2018 10:15
 Operator : JU/SJ
 Sample : J2179-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 10:49:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

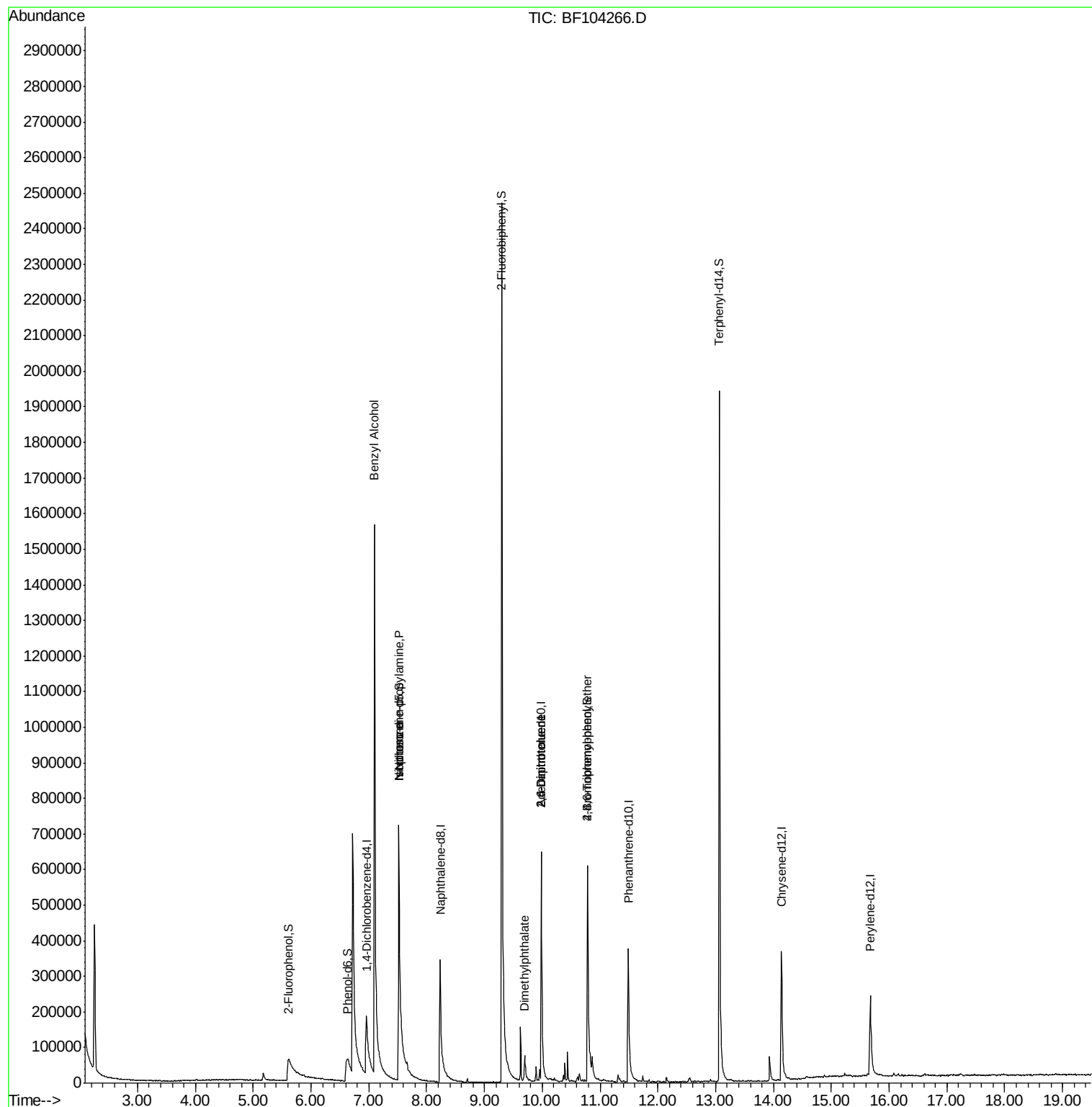
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96132	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	444003	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	190453	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	291332	20.00	ng	0.00
75) Chrysene-d12	14.14	240	219997	20.00	ng	0.00
86) Perylene-d12	15.67	264	187345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	167951	27.86	ng	0.02
7) Phenol-d6	6.62	99	167560	22.59	ng	0.02
23) Nitrobenzene-d5	7.52	82	674920	92.96	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	152822	72.06	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1283407	106.26	ng	0.00
78) Terphenyl-d14	13.06	244	891447	93.56	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	10639	2.206	ng	# 38
19) n-Nitroso-di-n-propylamine	7.52	70	74601	16.950	ng	# 73
25) Isophorone	7.52	82	681400	50.927	ng	# 64
49) Dimethylphthalate	9.70	163	61825	4.112	ng	# 96
50) 2,6-Dinitrotoluene	9.99	165	22761	7.036	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	23833	5.773	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	8826	2.832	ng	# 1

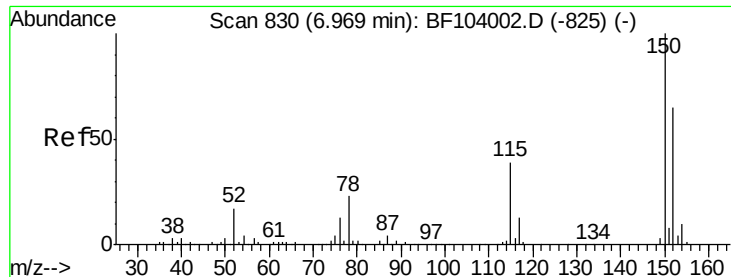
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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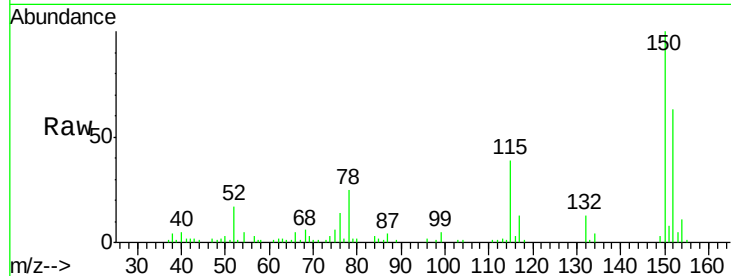


#1

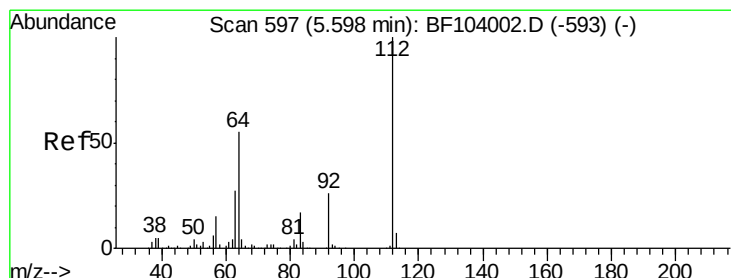
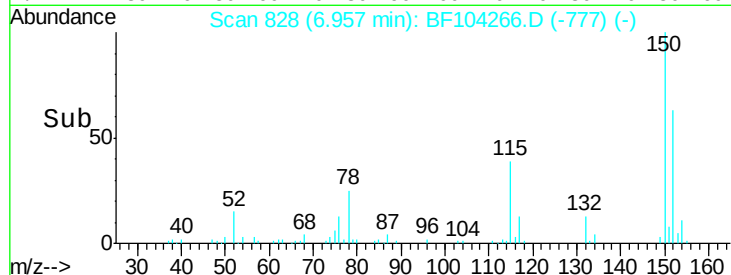
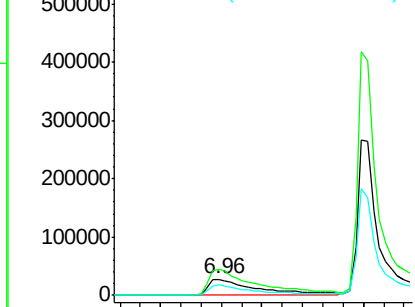
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96132
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 61.7 50.1 75.1



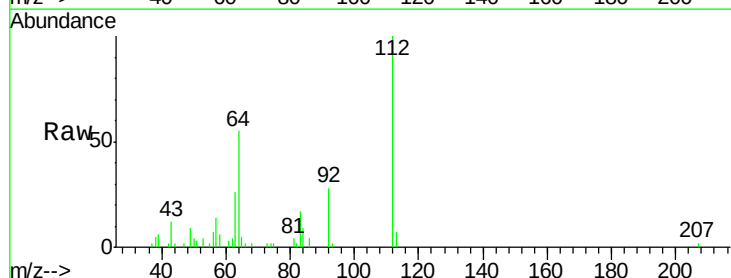
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



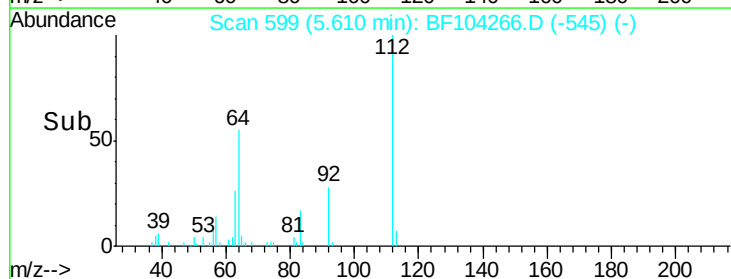
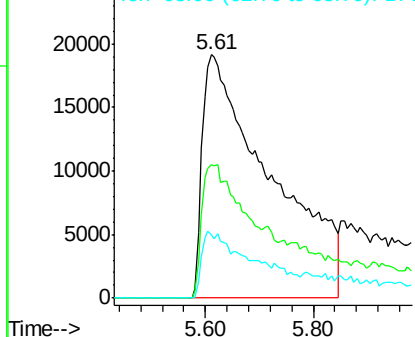
#5

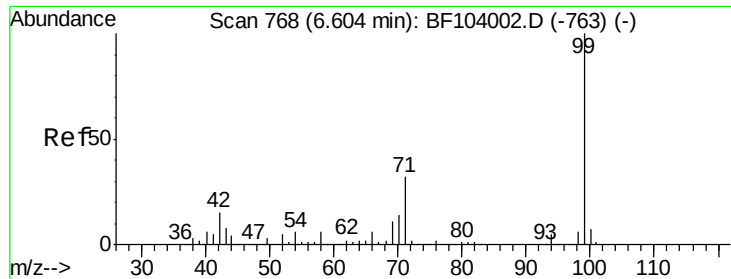
2-Fluorophenol
Concen: 27.862 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

Tgt Ion:112 Resp: 167951
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 26.2 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: 22.593 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104266.D

Acq: 5 Apr 2018 10:15

Instrument :

BNA_F

ClientSampleId :

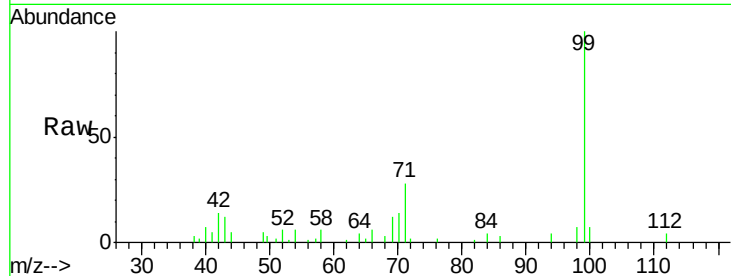
Tot Ion: 99 Resp: 167560

Ion Ratio Lower Upper

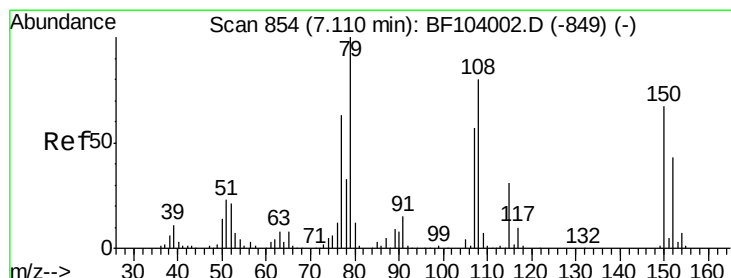
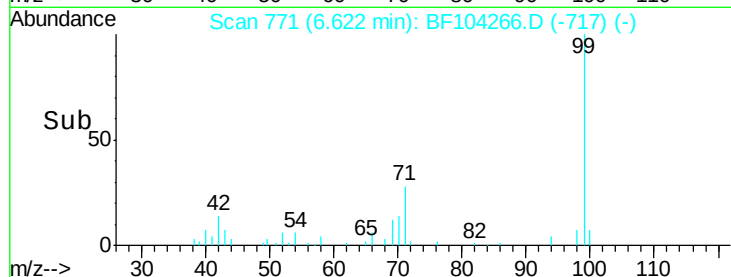
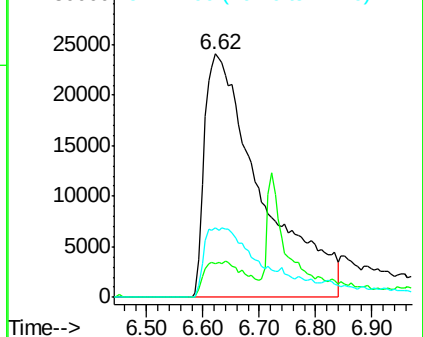
99 100

42 13.6 14.5 21.7#

71 28.4 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



#15

Benzyl Alcohol

Concen: 2.206 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104266.D

Acq: 5 Apr 2018 10:15

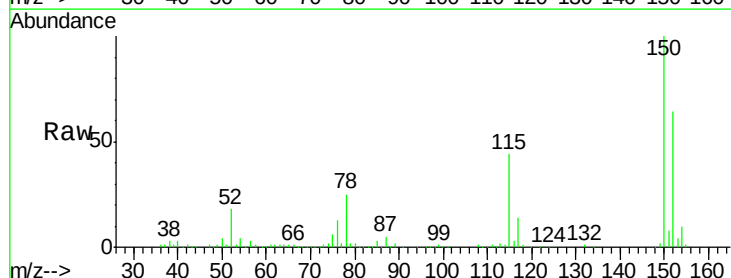
Tgt Ion: 79 Resp: 10639

Ion Ratio Lower Upper

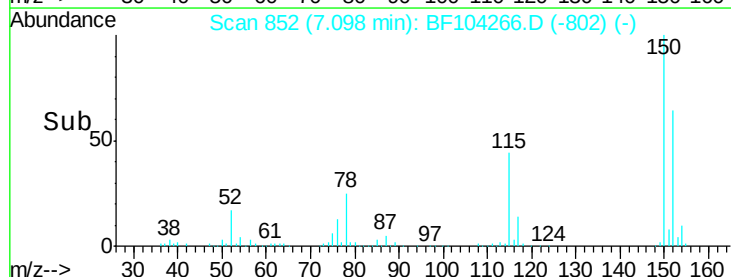
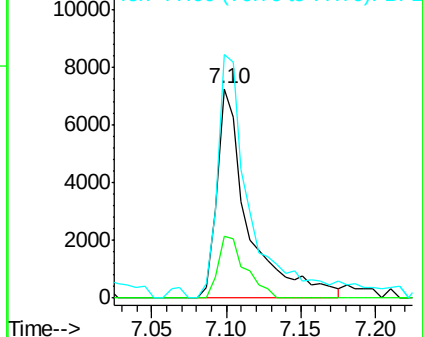
79 100

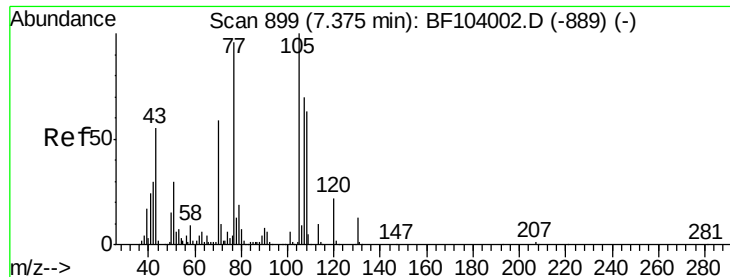
108 29.7 65.1 97.7#

77 116.2 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

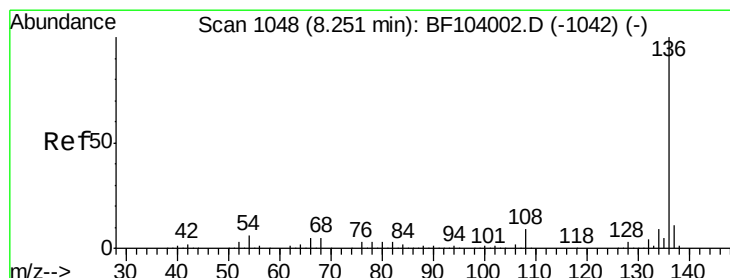
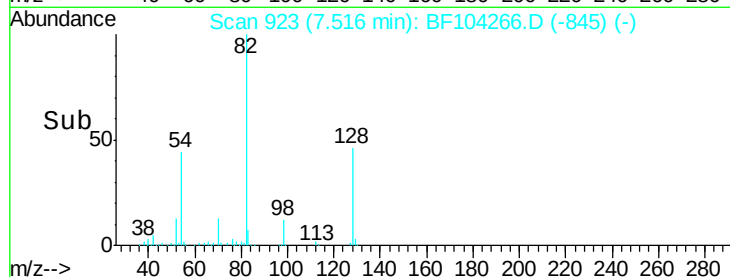
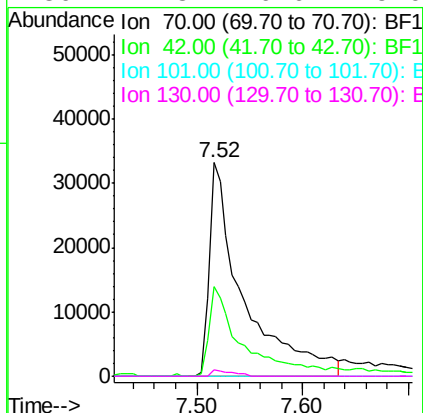
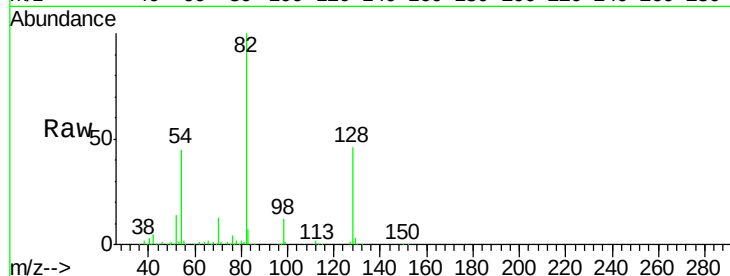




#19
n-Nitroso-di-n-propylamine
Concen: 16.950 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

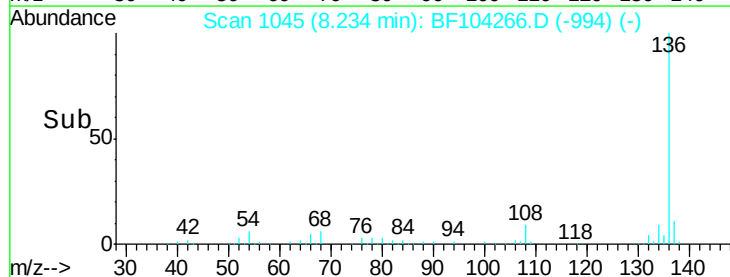
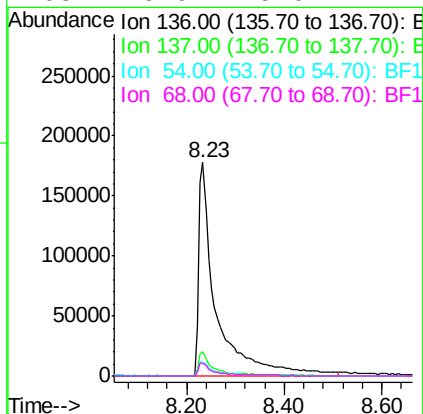
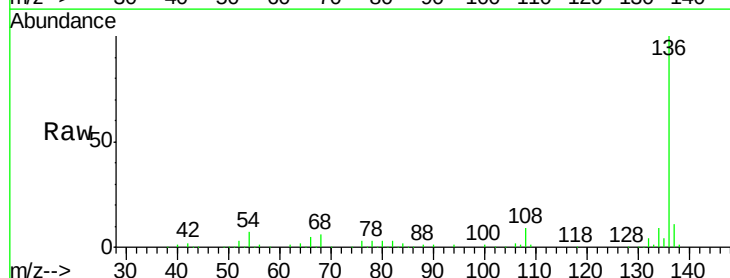
Instrument :
BNA_F
ClientSampled :

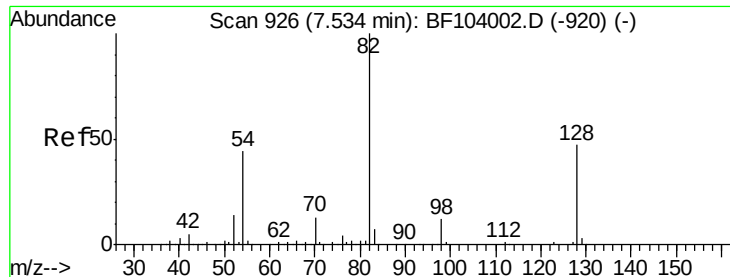
Tot Ion: 70 Resp: 74601
Ion Ratio Lower Upper
70 100
42 41.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

Tgt Ion: 136 Resp: 444003
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.7 6.6 9.8
68 5.9 5.0 7.4

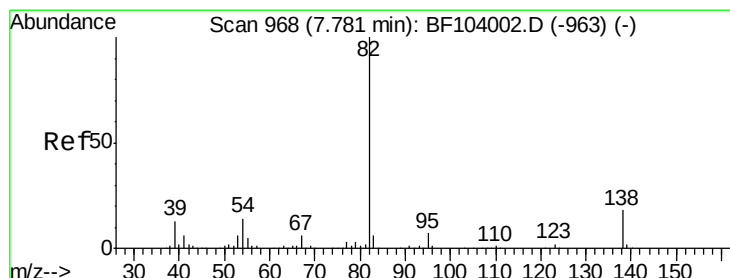
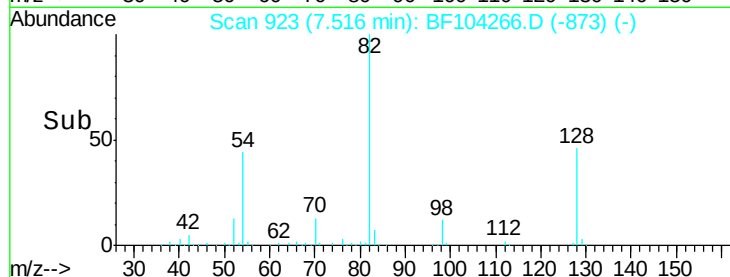
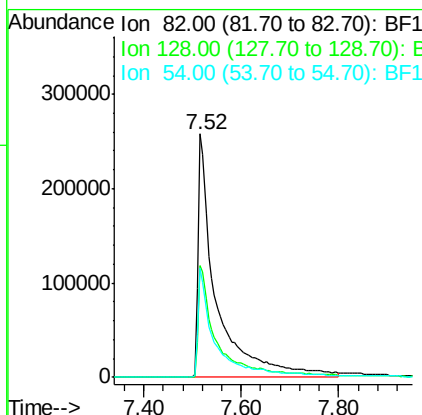
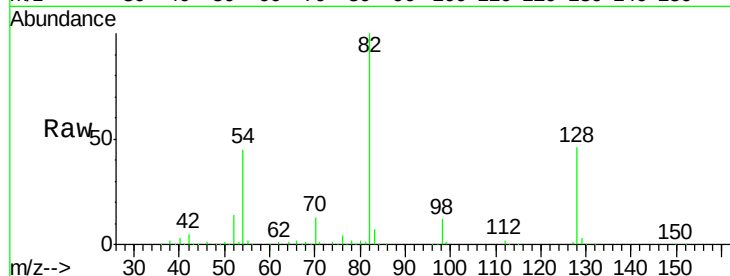




#23
Nitrobenzene-d5
Concen: 92.961 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

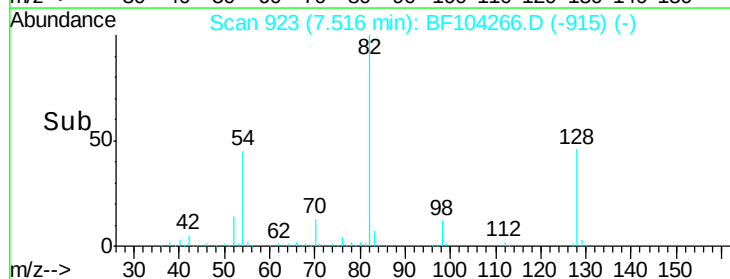
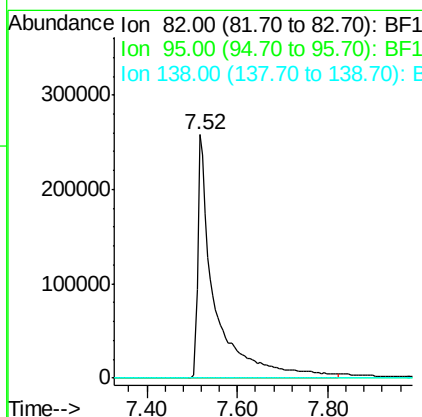
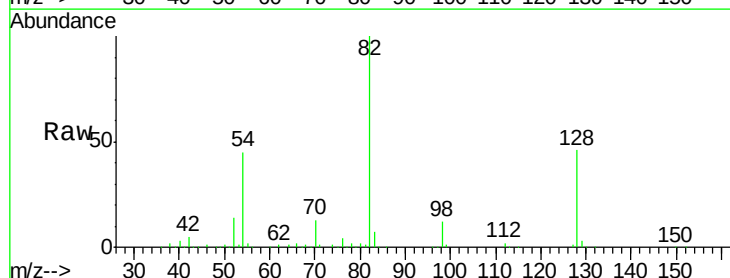
Instrument :
BNA_F
ClientSampleId :

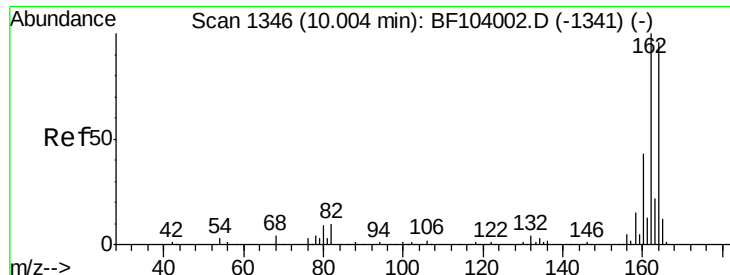
Tot Ion: 82 Resp: 674920
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 44.6 41.4 62.2



#25
Isophorone
Concen: 50.927 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

Tgt Ion: 82 Resp: 681400
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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF104266.D

Acq: 5 Apr 2018 10:15

Instrument :

BNA_F

ClientSampleId :

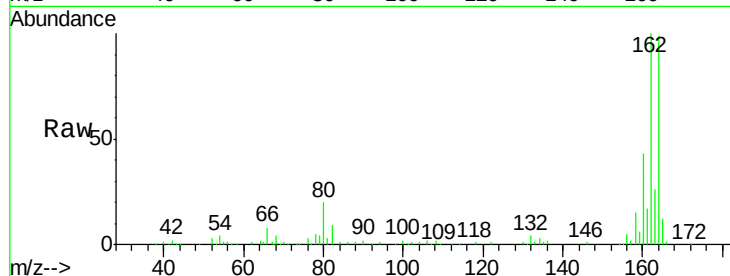
Tot Ion:164 Resp: 190453

Ion Ratio Lower Upper

164 100

162 101.3 86.1 129.1

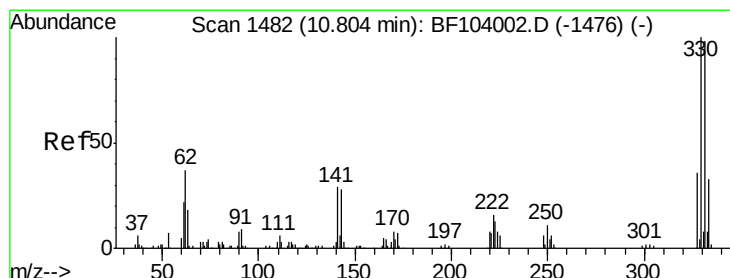
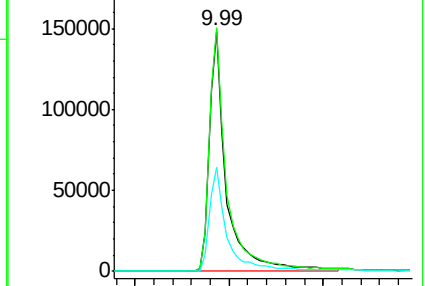
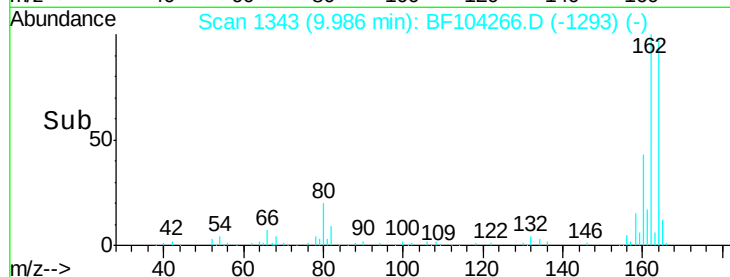
160 43.3 38.3 57.5



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: 72.062 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104266.D

Acq: 5 Apr 2018 10:15

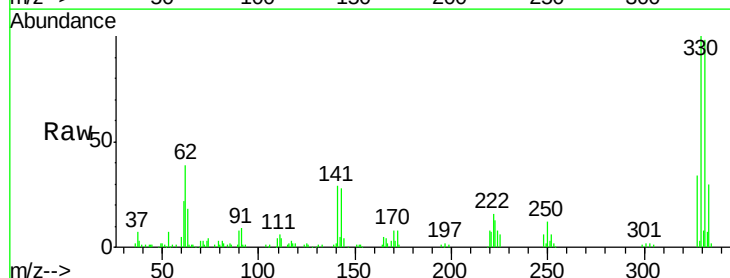
Tgt Ion:330 Resp: 152822

Ion Ratio Lower Upper

330 100

332 98.6 77.0 115.6

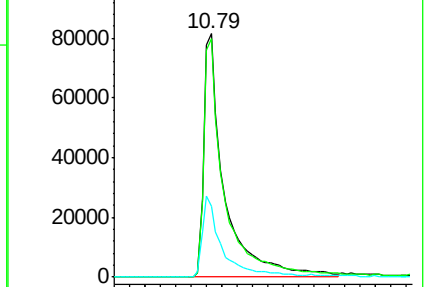
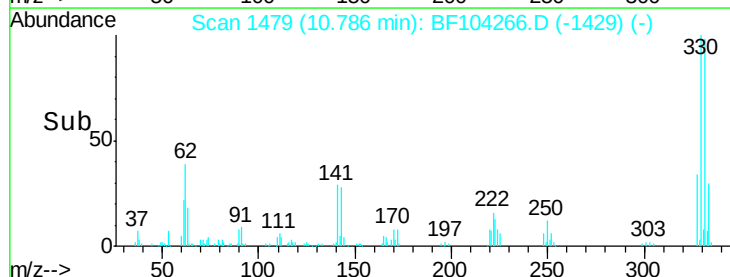
141 32.8 29.9 44.9

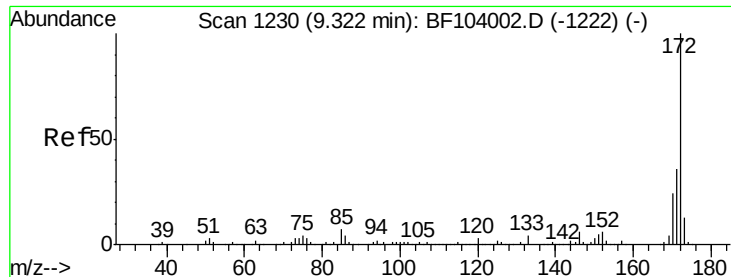


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

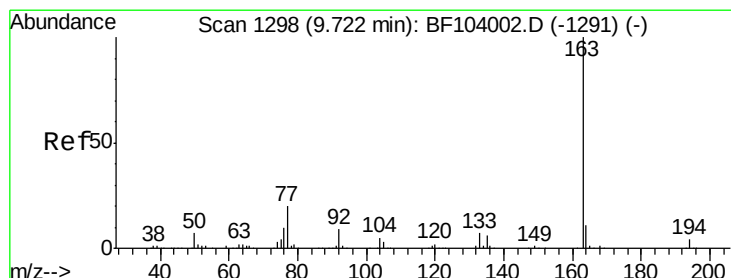
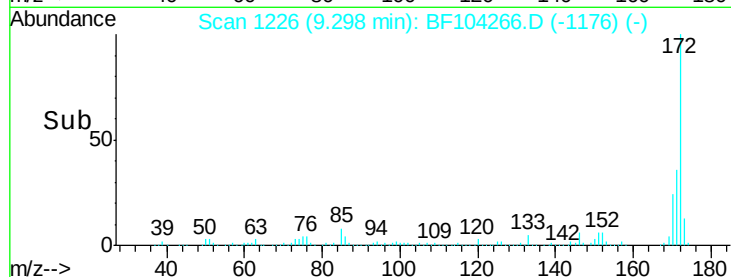
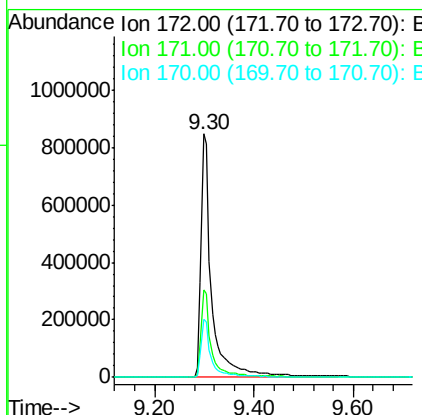
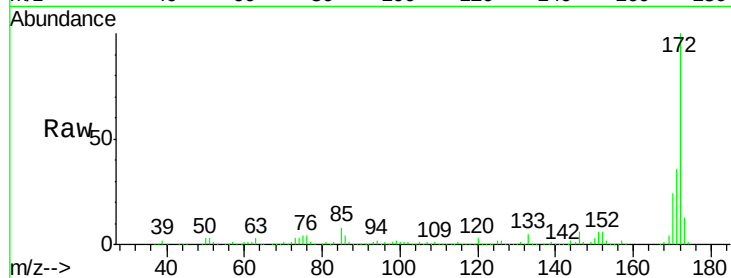




#44
2-Fluorobiphenyl
Concen: 106.264 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

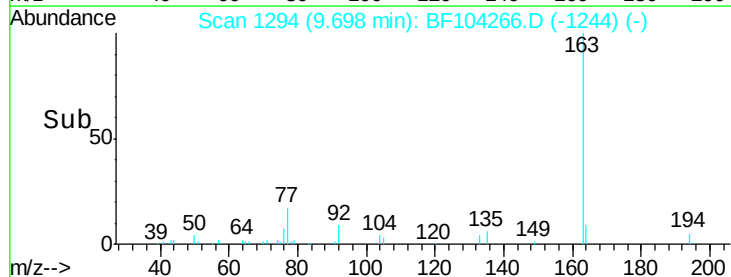
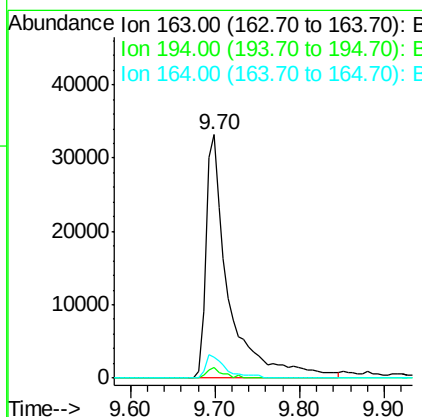
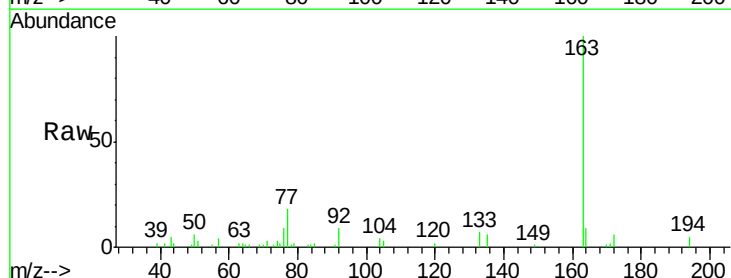
Instrument :
BNA_F
ClientSampleId :

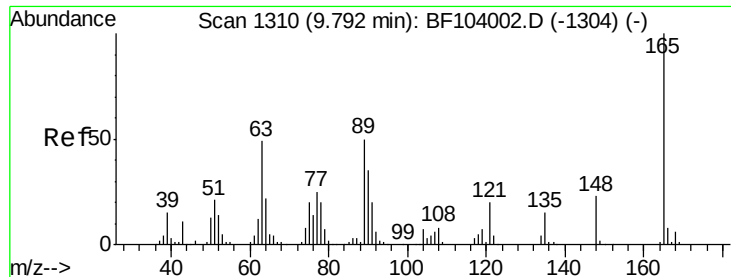
Tot Ion:172 Resp: 1283407
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 4.112 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

Tgt Ion:163 Resp: 61825
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 8.6 8.2 12.2

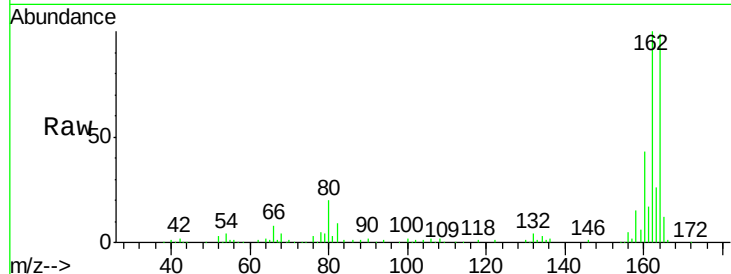




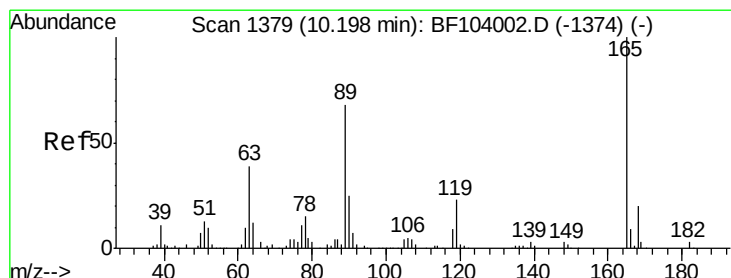
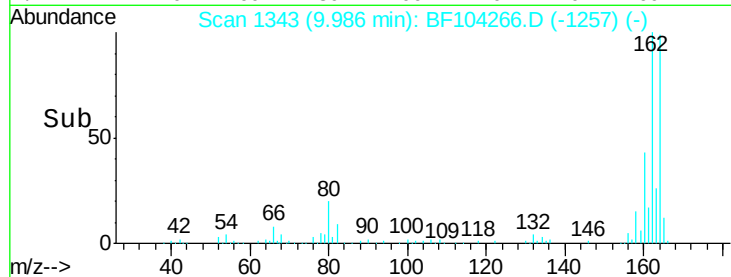
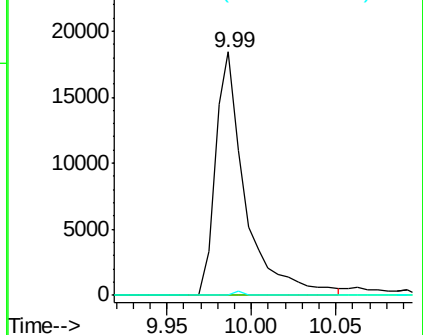
#50
 2,6-Dinitrotoluene
 Concen: 7.036 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104266.D
 Acq: 5 Apr 2018 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22761
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

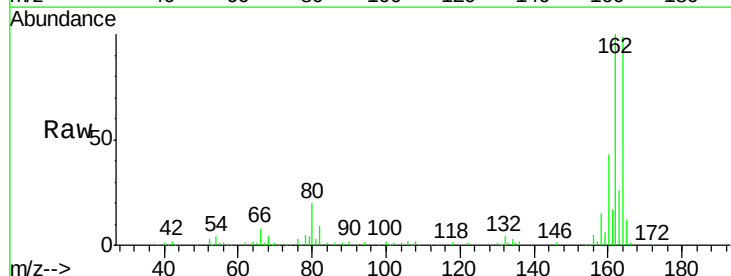


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

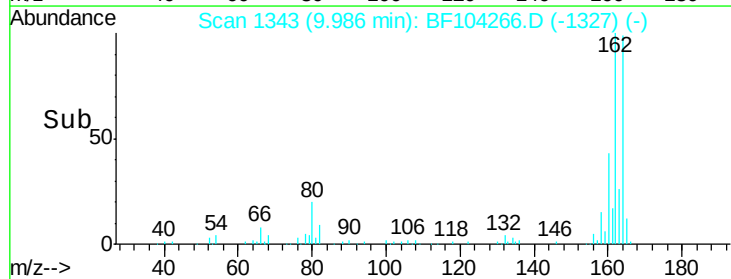
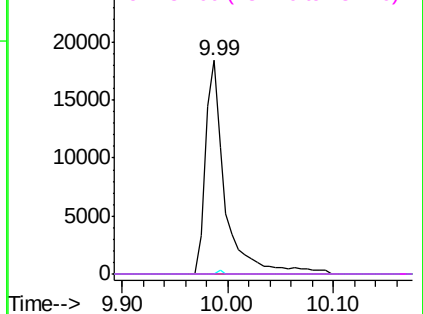


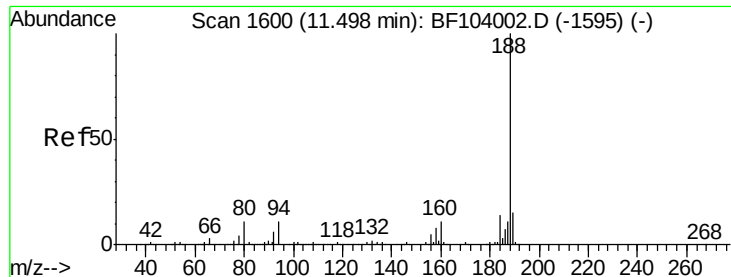
#56
 2,4-Dinitrotoluene
 Concen: 5.773 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104266.D
 Acq: 5 Apr 2018 10:15

Tgt Ion:165 Resp: 23833
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 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

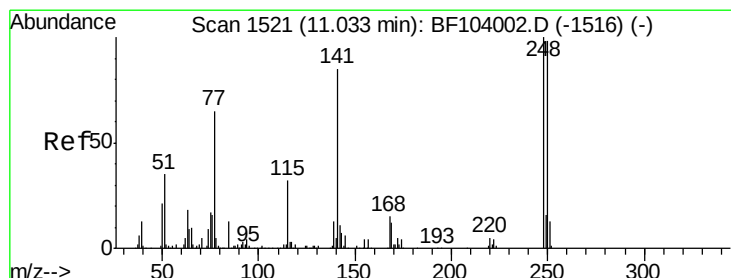
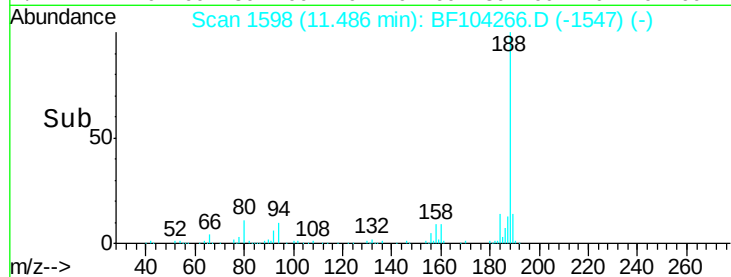
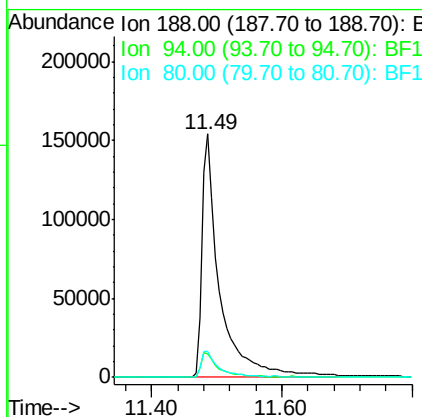
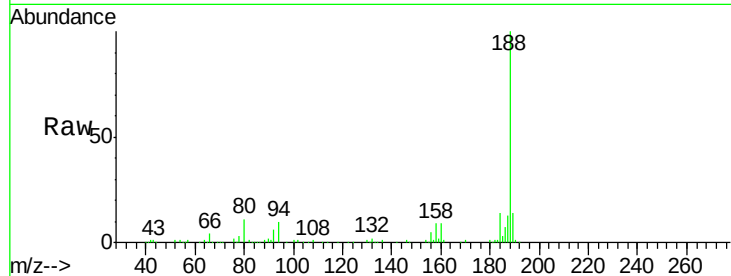




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF104266.D
 Acq: 5 Apr 2018 10:15

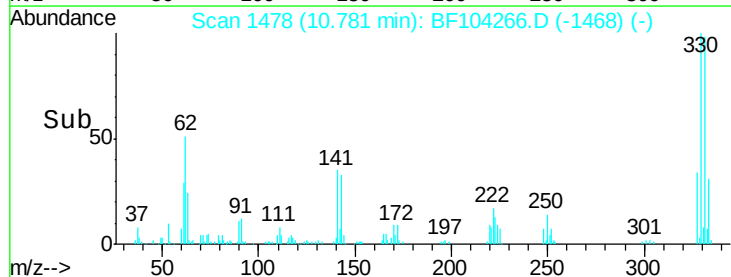
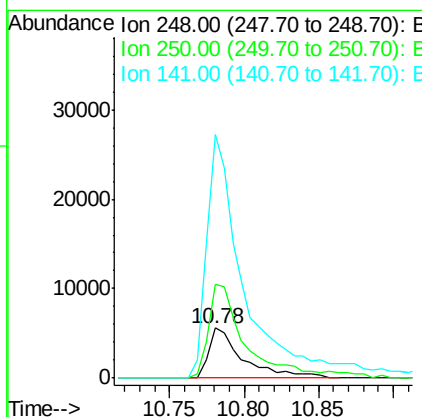
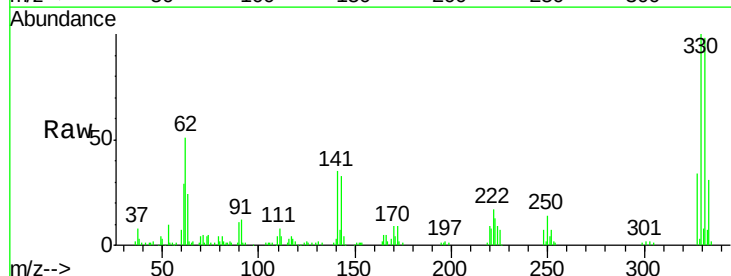
Instrument :
 BNA_F
 ClientSampleId :

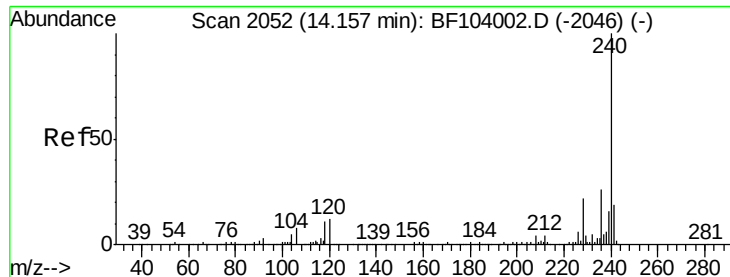
Tot Ion:188 Resp: 291332
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.8 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.832 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF104266.D
 Acq: 5 Apr 2018 10:15

Tgt Ion:248 Resp: 8826
 Ion Ratio Lower Upper
 248 100
 250 189.8 76.9 115.3#
 141 489.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104266.D

Acq: 5 Apr 2018 10:15

Instrument :

BNA_F

ClientSampleId :

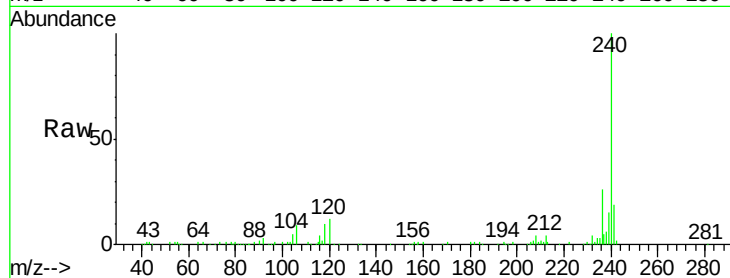
Tot Ion:240 Resp: 219997

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

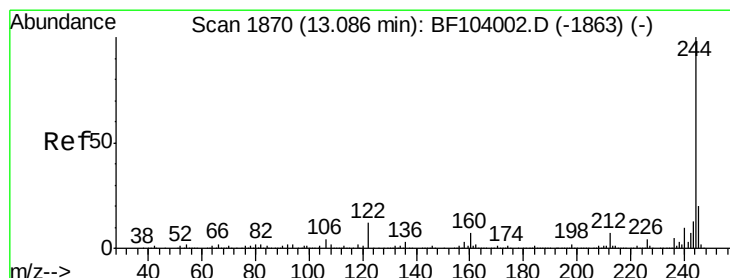
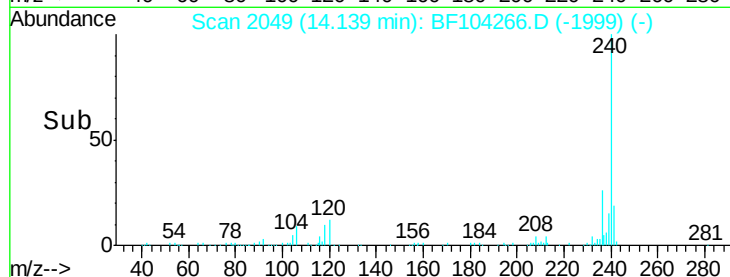
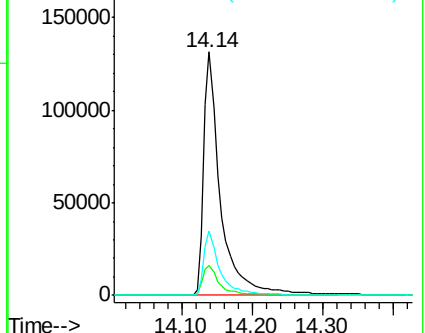
236 26.4 20.7 31.1



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: 93.561 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104266.D

Acq: 5 Apr 2018 10:15

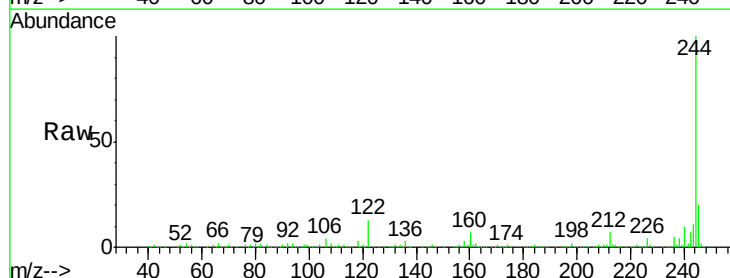
Tgt Ion:244 Resp: 891447

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

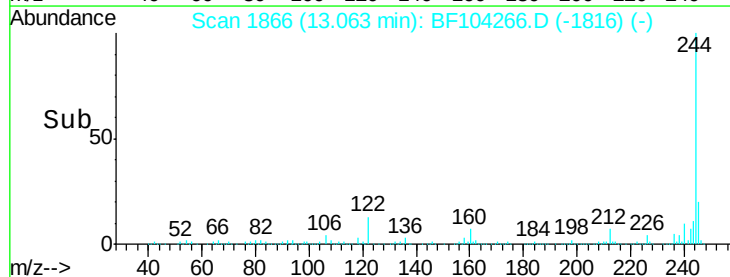
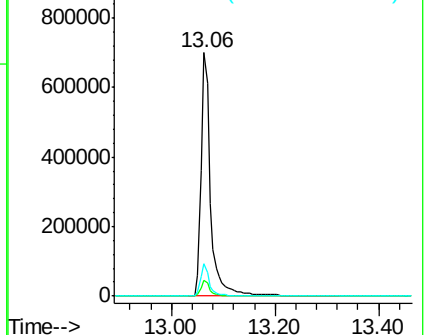
122 13.2 11.0 16.4

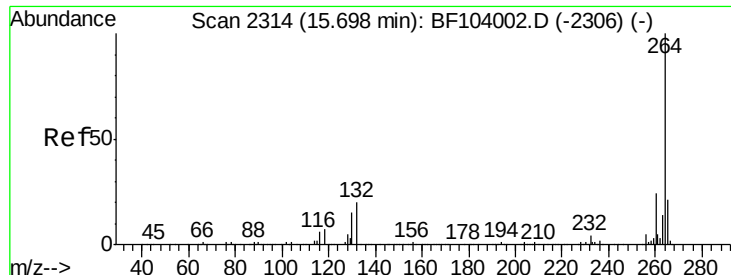


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

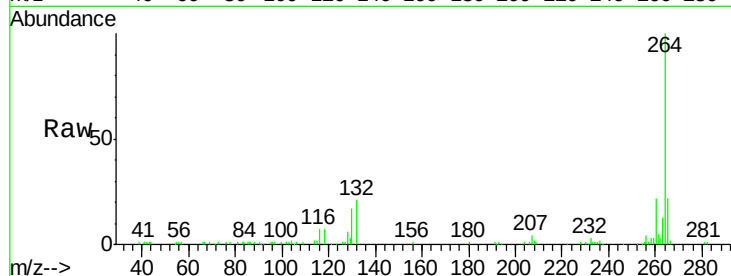




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104266.D
Acq: 5 Apr 2018 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	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

