

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104277.D
 Acq On : 5 Apr 2018 18:49
 Operator : JU/SJ
 Sample : J2183-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:08:42 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

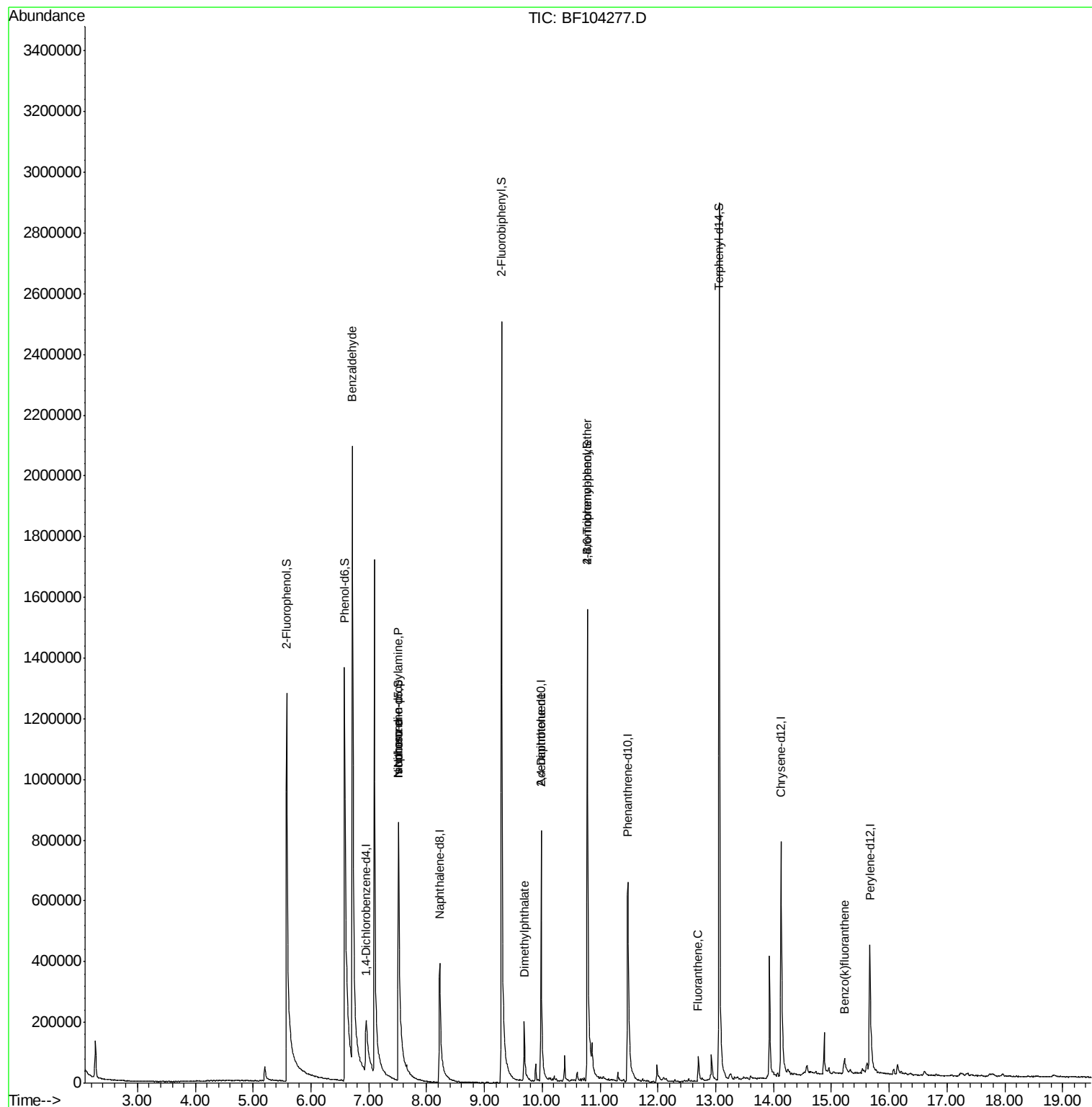
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	105787	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	498909	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	236297	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	463320	20.00	ng	0.00
75) Chrysene-d12	14.13	240	404376	20.00	ng	-0.01
86) Perylene-d12	15.67	264	326657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	911755	137.45	ng	-0.01
7) Phenol-d6	6.58	99	1186765	145.42	ng	-0.02
23) Nitrobenzene-d5	7.51	82	783060	95.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	366161	139.16	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1352236	90.24	ng	0.00
78) Terphenyl-d14	13.06	244	1343439	76.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	19349	3.107	ng	83
19) n-Nitroso-di-n-propylamine	7.51	70	85656	17.685	ng	# 72
25) Isophorone	7.51	82	792173	52.690	ng	# 64
49) Dimethylphthalate	9.69	163	144781	7.760	ng	99
56) 2,4-Dinitrotoluene	9.98	165	30006	5.859	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	21228	4.283	ng	# 1
74) Fluoranthene	12.70	202	68680	2.576	ng	97
88) Benzo(k)fluoranthene	15.22	252	39709	2.120	ng	# 92

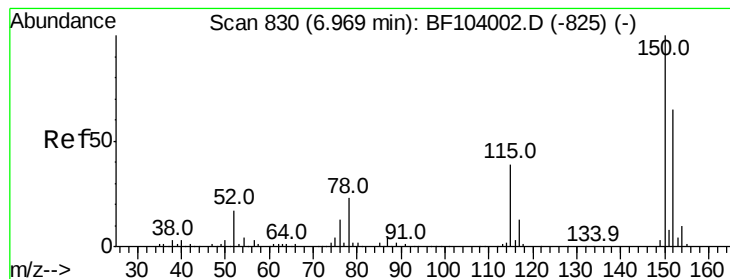
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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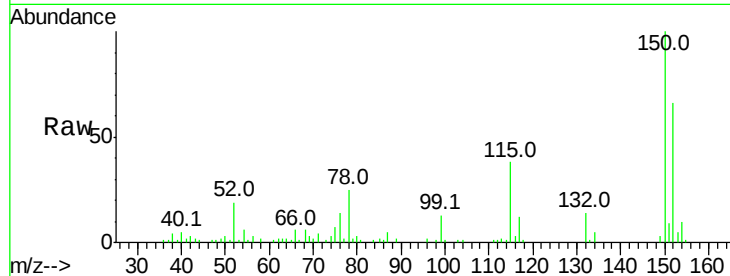


#1

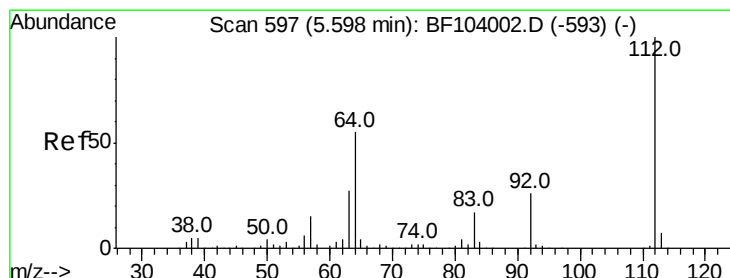
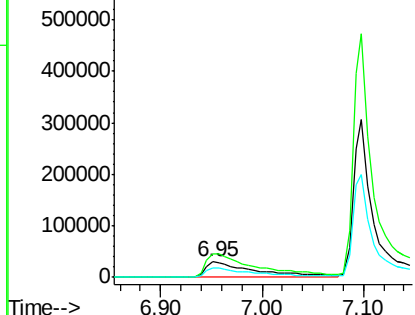
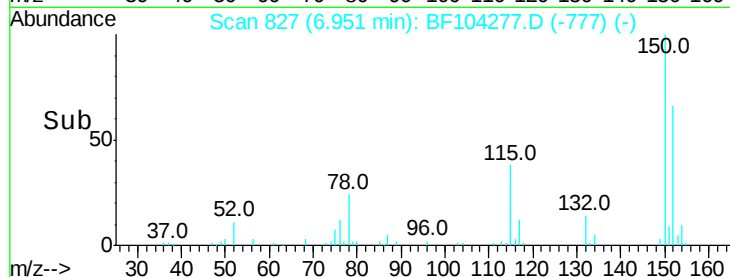
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104277.D
Acq: 5 Apr 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105787
Ion Ratio Lower Upper
152 100
150 151.2 124.6 186.8
115 57.9 50.1 75.1



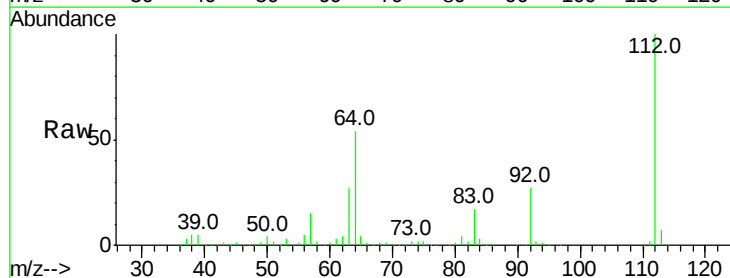
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



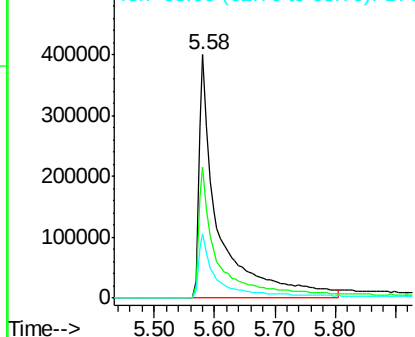
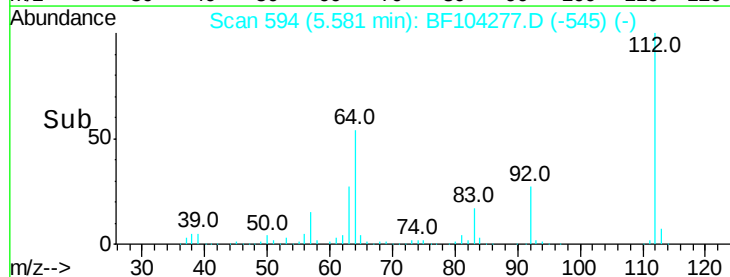
#5

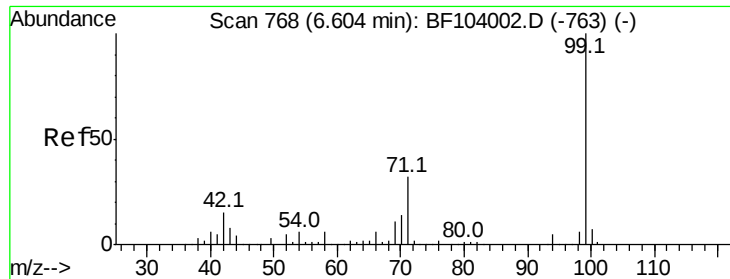
2-Fluorophenol
Concen: 137.448 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104277.D
Acq: 5 Apr 2018 18:49

Tgt Ion:112 Resp: 911755
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 26.7 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: 145.416 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

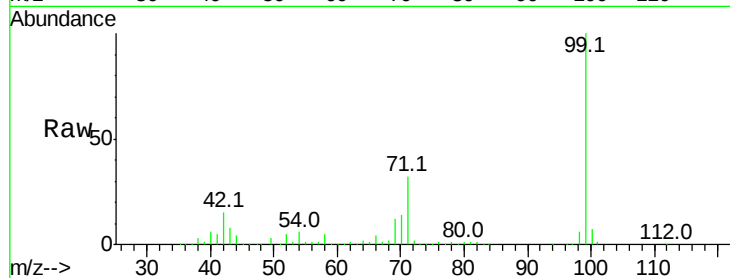
Tot Ion: 99 Resp: 1186765

Ion Ratio Lower Upper

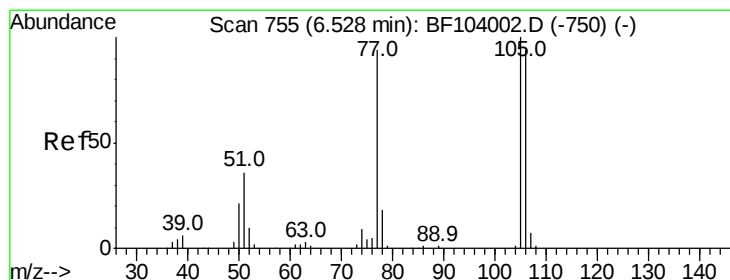
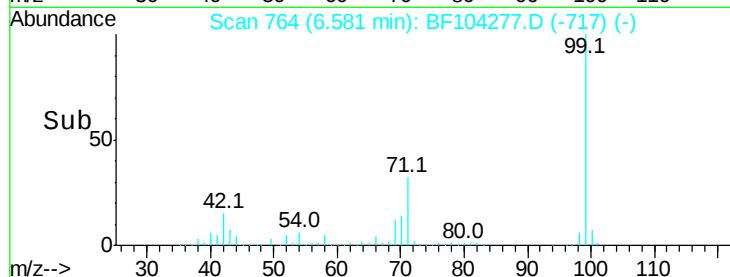
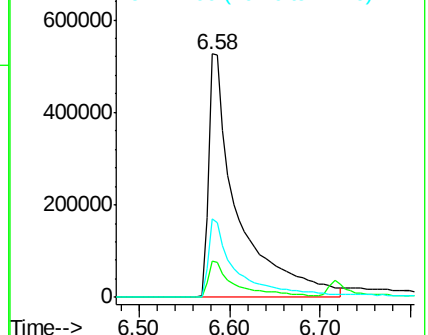
99 100

42 14.9 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: 3.107 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.20 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

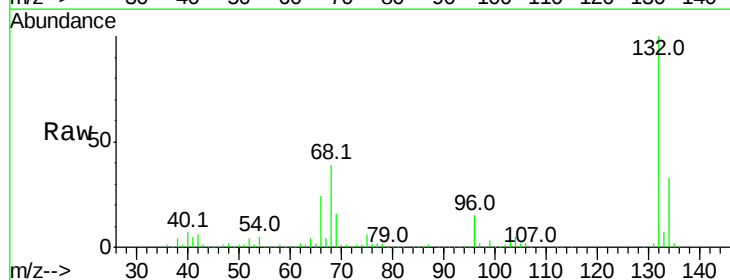
Tgt Ion: 77 Resp: 19349

Ion Ratio Lower Upper

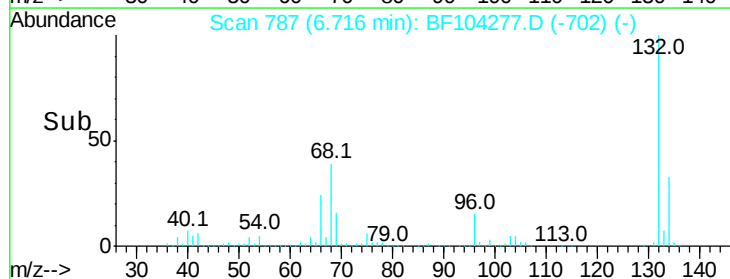
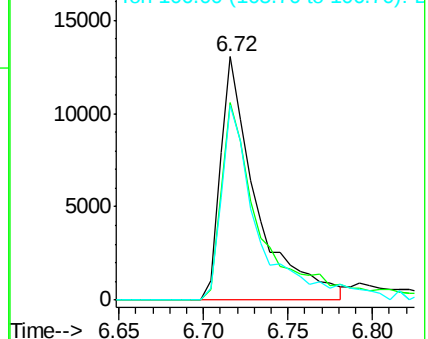
77 100

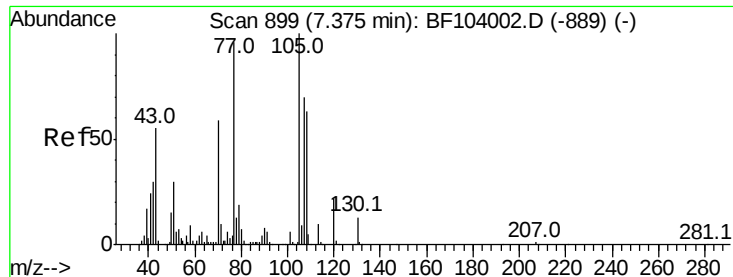
105 81.3 81.1 121.1

106 79.9 74.5 114.5



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

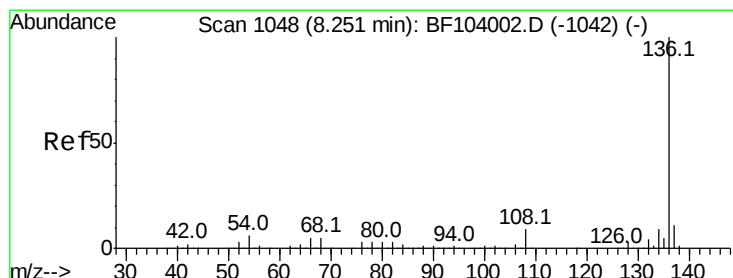
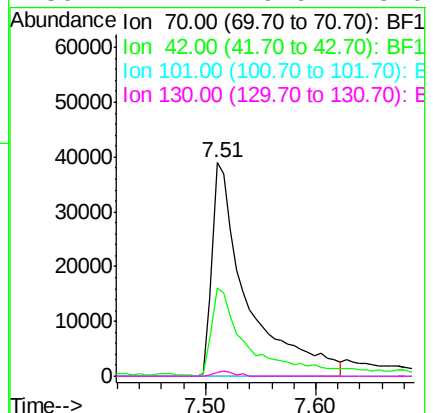
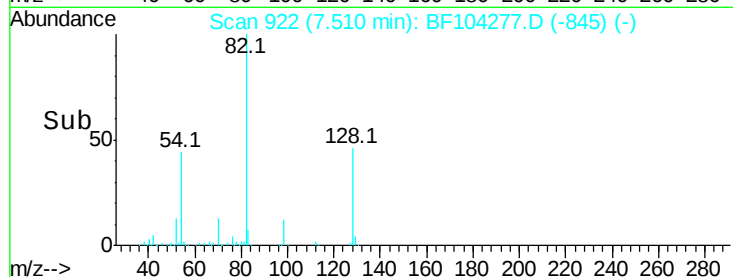
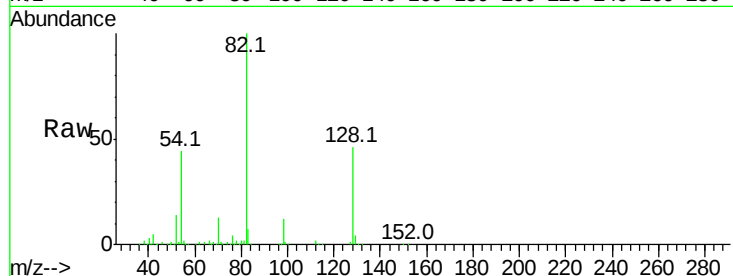




#19
n-Nitroso-di-n-propylamine
Concen: 17.685 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF104277.D
Acq: 5 Apr 2018 18:49

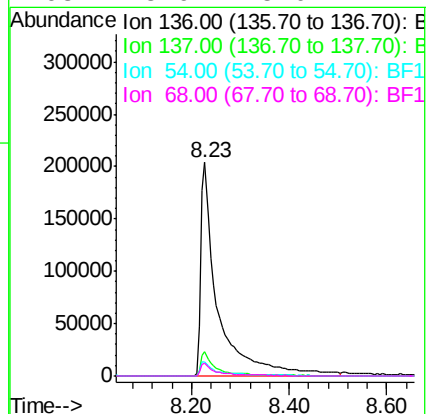
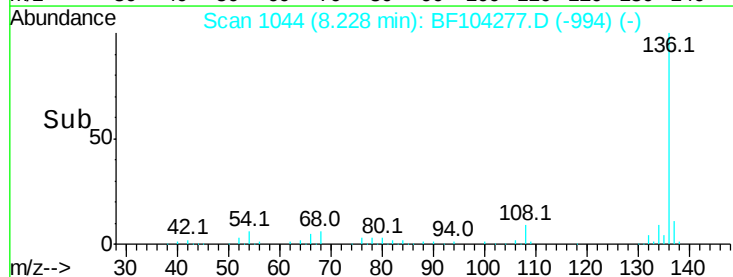
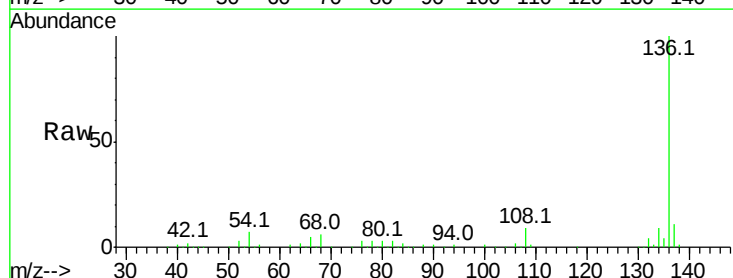
Instrument :
BNA_F
ClientSampleId :

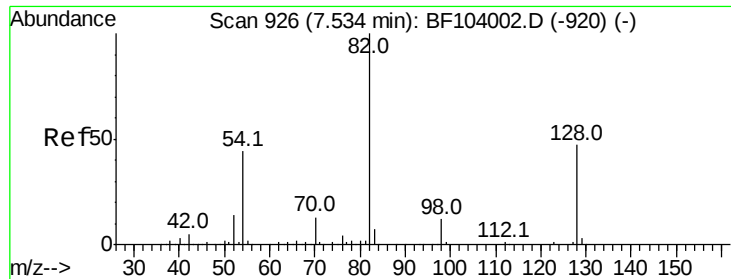
Tot Ion: 70 Resp: 85656
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104277.D
Acq: 5 Apr 2018 18:49

Tgt Ion:136 Resp: 498909
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.6 6.6 9.8
68 5.9 5.0 7.4

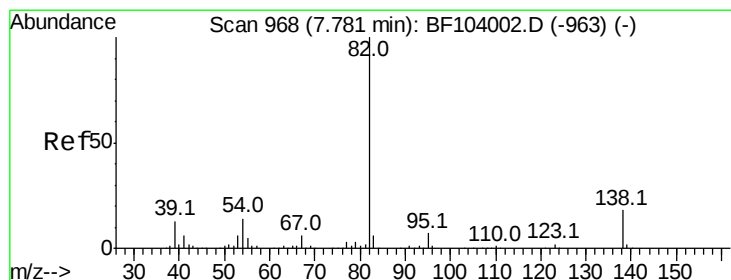
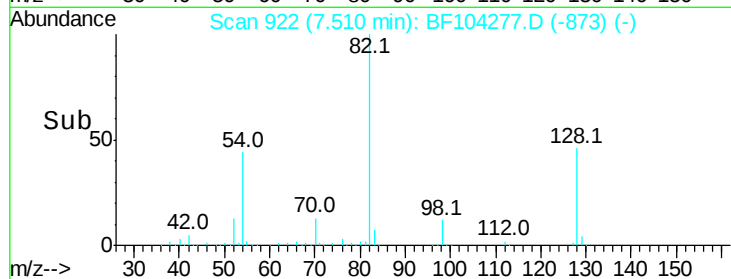
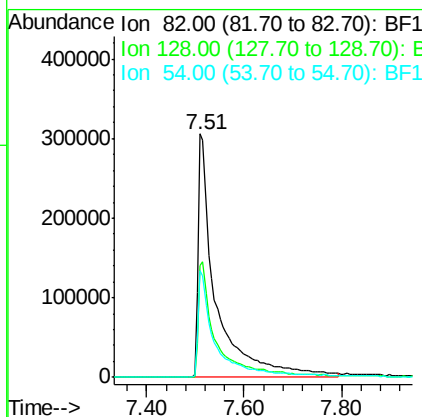
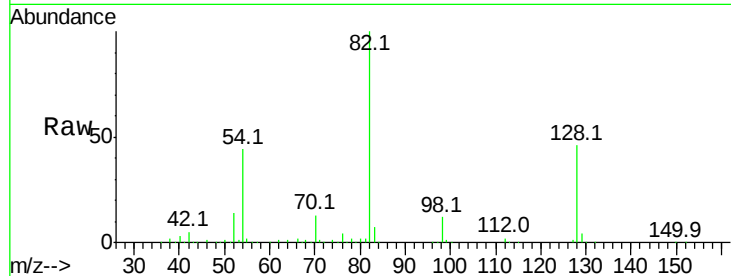




#23
 Nitrobenzene-d5
 Concen: 95.986 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

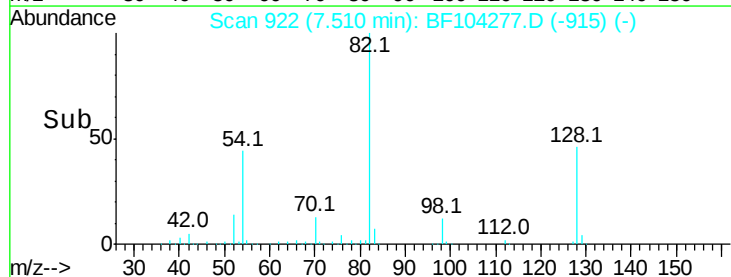
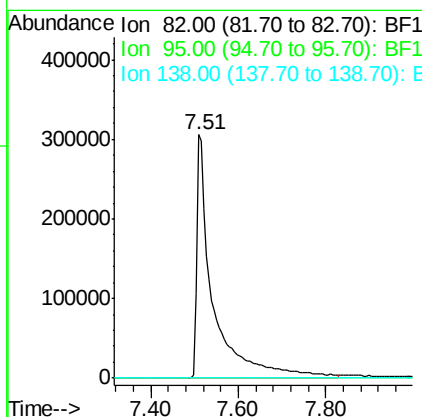
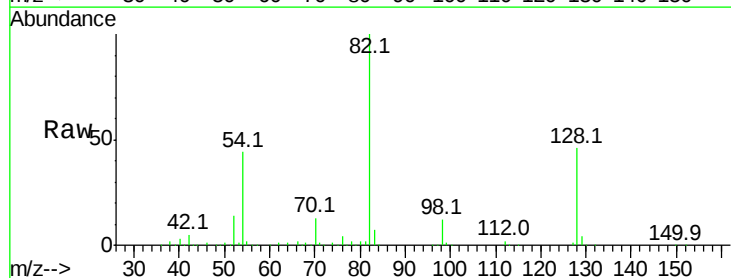
Instrument :
 BNA_F
 ClientSampleId :

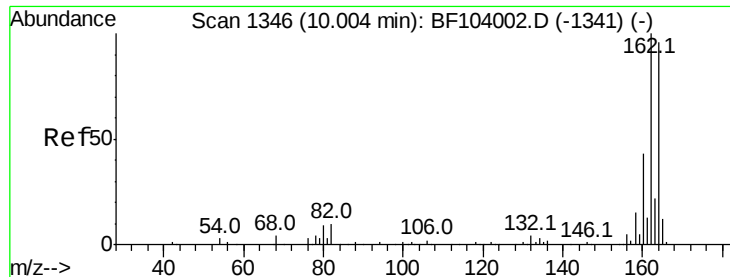
Tot Ion:	82	Resp:	783060
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	43.9	41.4	62.2



#25
 Isophorone
 Concen: 52.690 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Tgt Ion:	82	Resp:	792173
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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

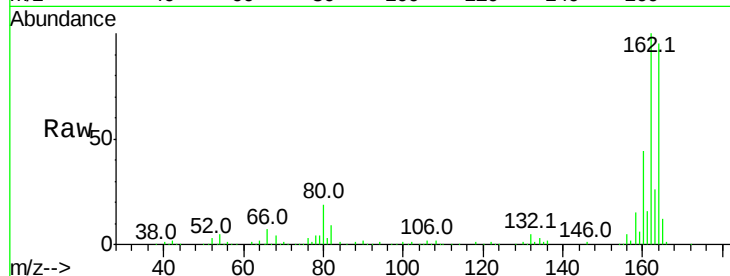
Tot Ion:164 Resp: 236297

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

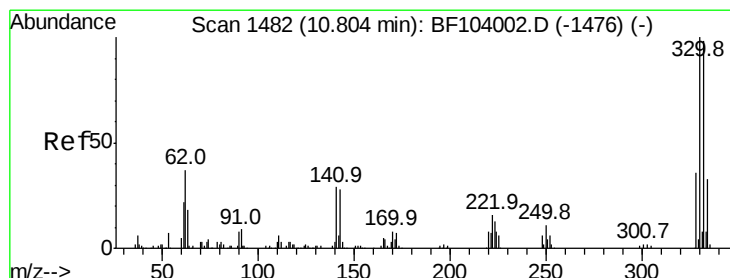
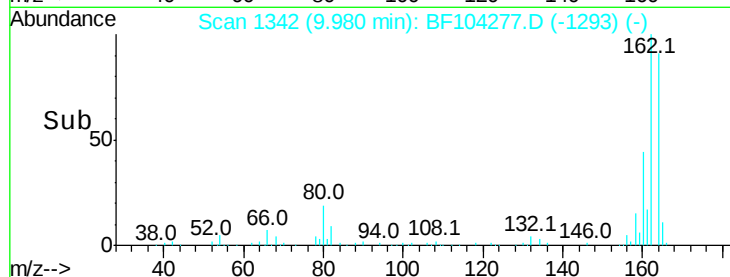
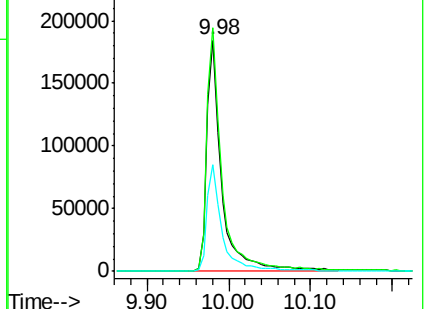
160 46.3 38.3 57.5



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: 139.163 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

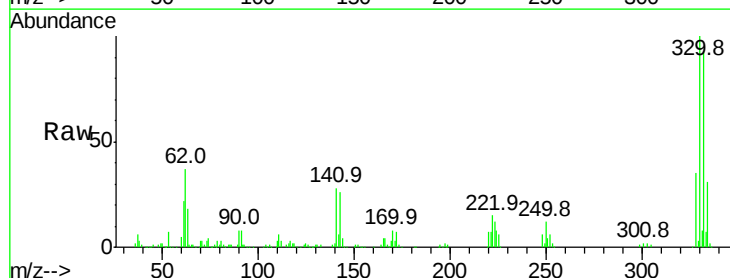
Tgt Ion:330 Resp: 366161

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

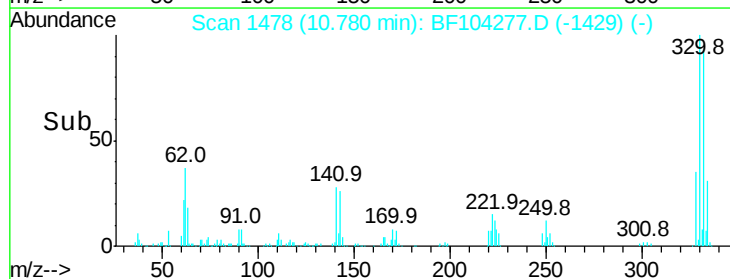
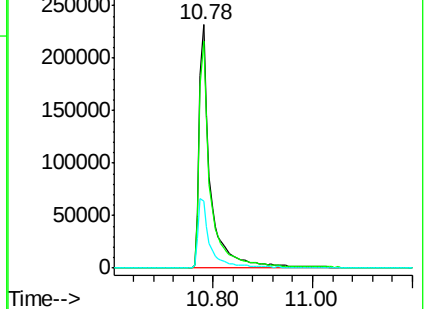
141 31.5 29.9 44.9

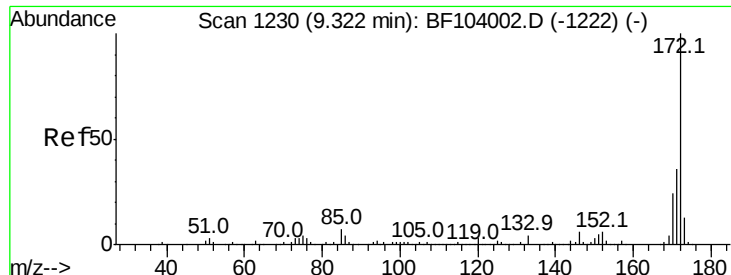


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

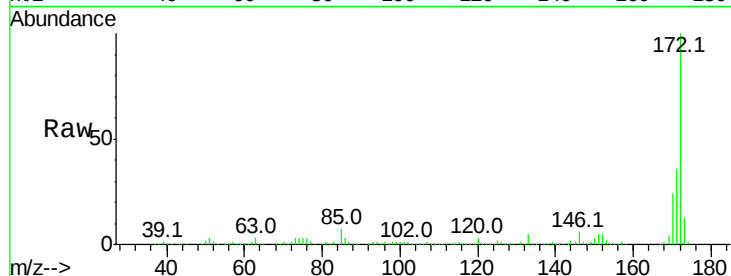




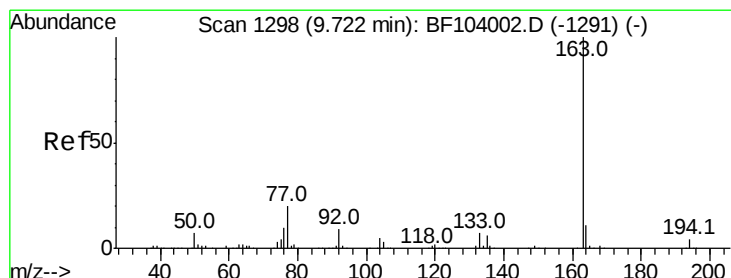
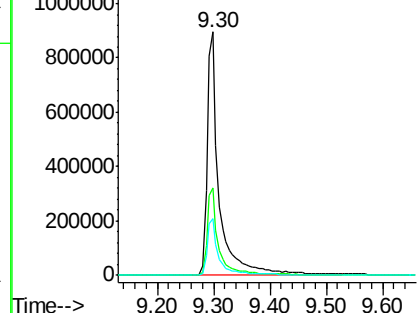
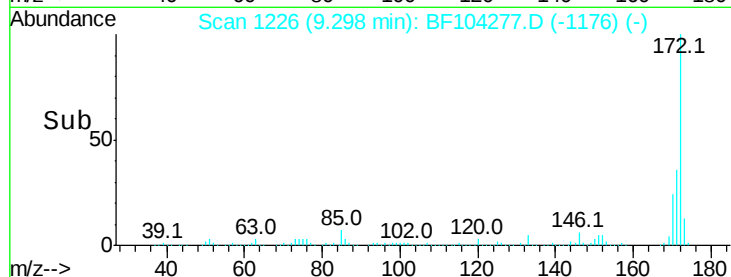
#44
 2-Fluorobiphenyl
 Concen: 90.241 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1352236
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.5 19.6 29.4

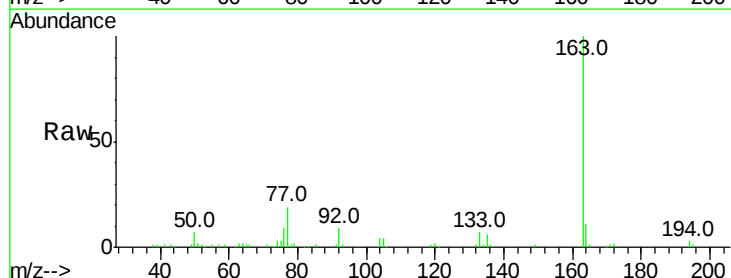


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

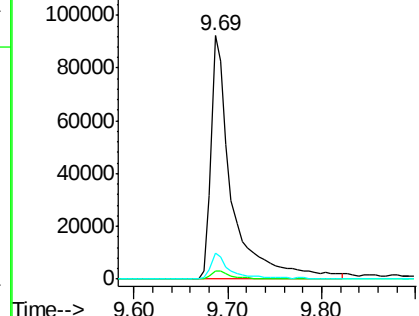
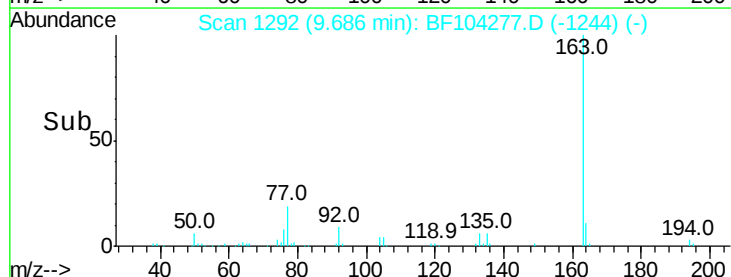


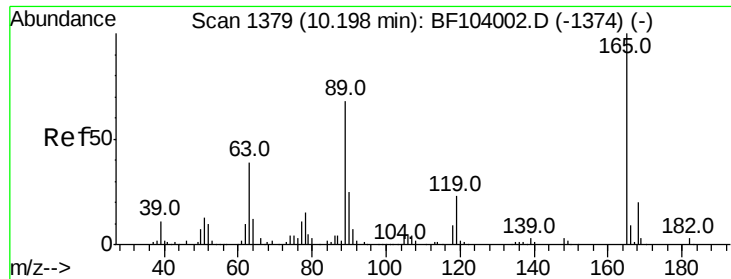
#49
 Dimethylphthalate
 Concen: 7.760 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Tgt Ion:163 Resp: 144781
 Ion Ratio Lower Upper
 163 100
 194 3.2 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

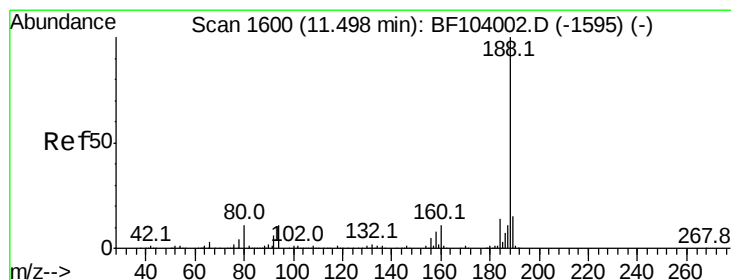
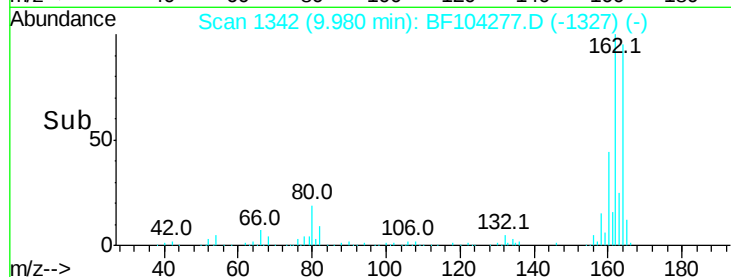
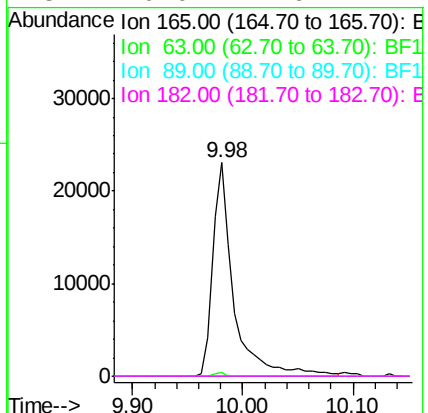
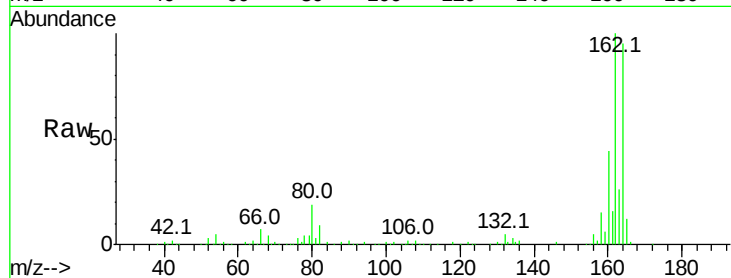




#56
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF104277.D
Acq: 5 Apr 2018 18:49

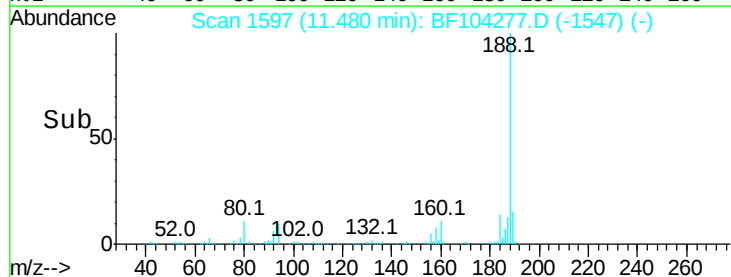
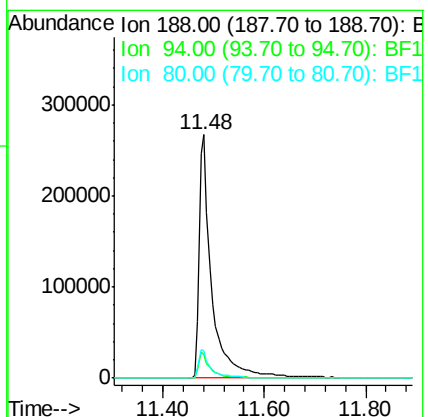
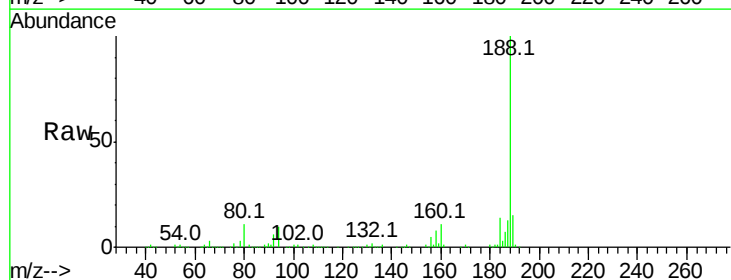
Instrument :
BNA_F
ClientSampleId :

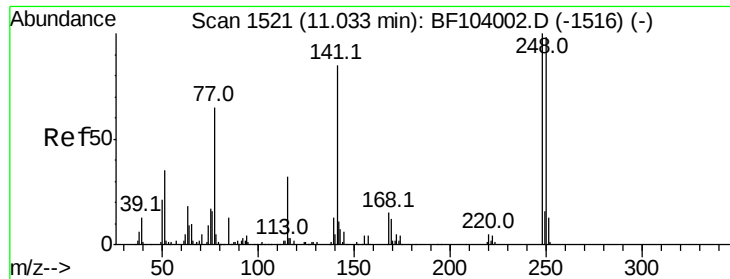
Tot Ion:165 Resp: 30006
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104277.D
Acq: 5 Apr 2018 18:49

Tgt Ion:188 Resp: 463320
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.3 9.2 13.8

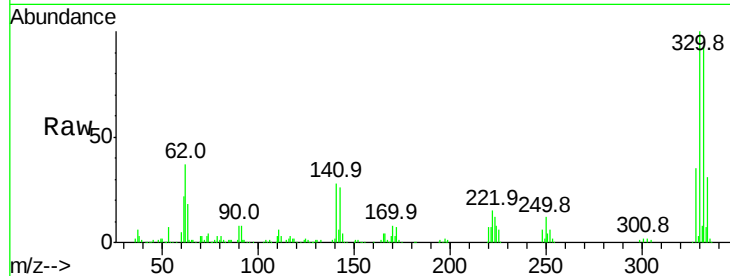




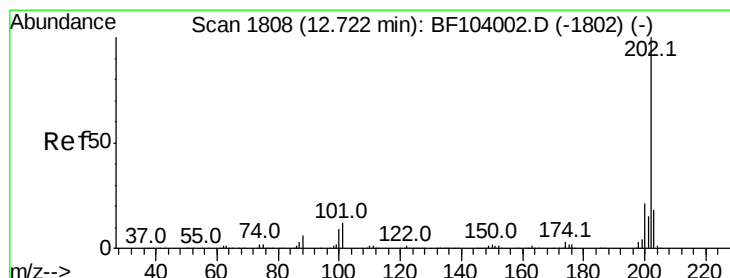
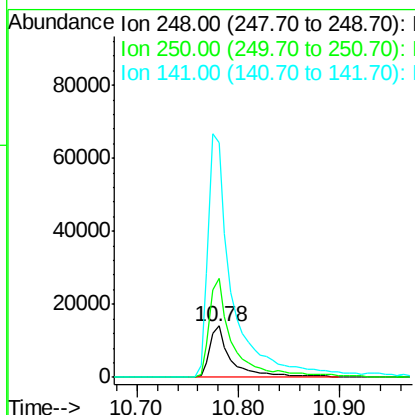
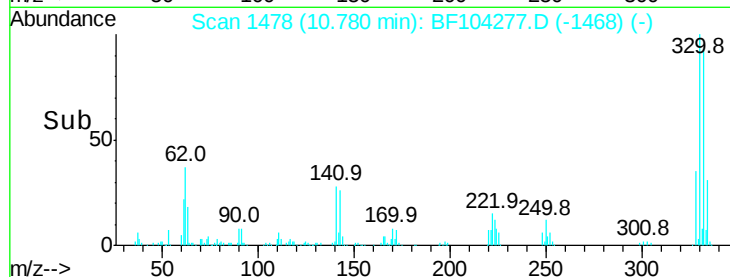
#66
 4-Bromophenyl-phenylether
 Concen: 4.283 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 21228
 Ion Ratio Lower Upper
 248 100
 250 192.7 76.9 115.3#
 141 456.4 74.4 111.6#

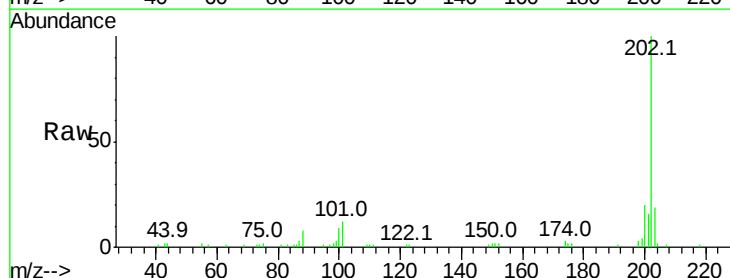


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

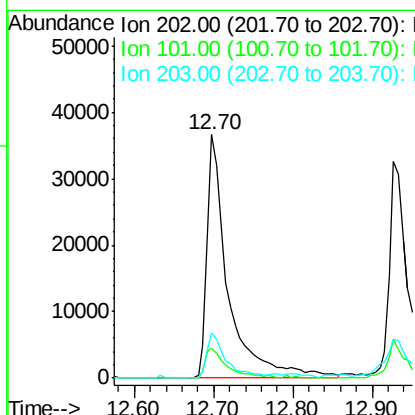
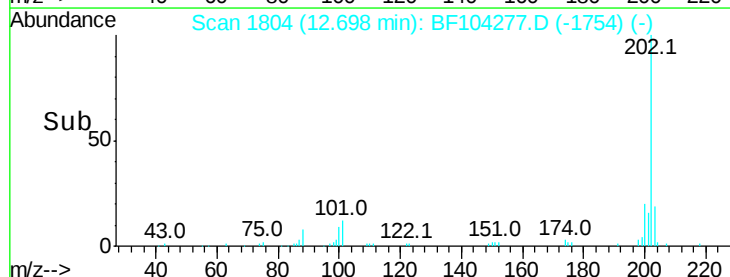


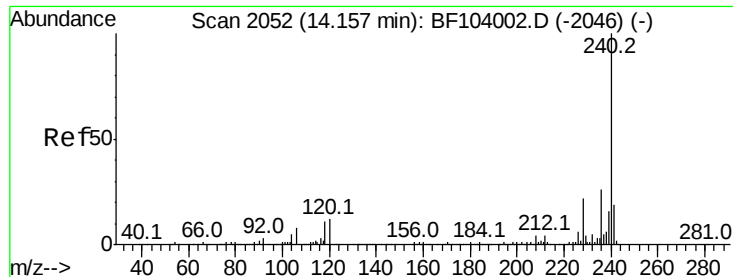
#74
 Fluoranthene
 Concen: 2.576 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF104277.D
 Acq: 5 Apr 2018 18:49

Tgt Ion:202 Resp: 68680
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 34.1
 203 18.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

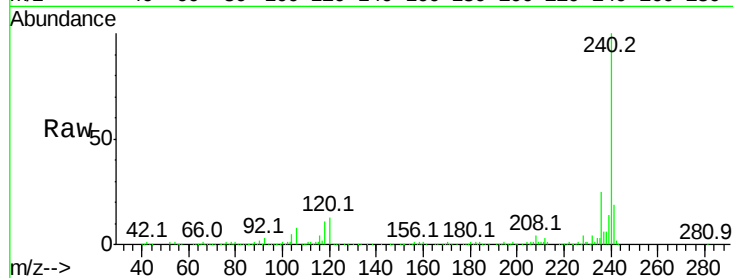
Tot Ion:240 Resp: 404376

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

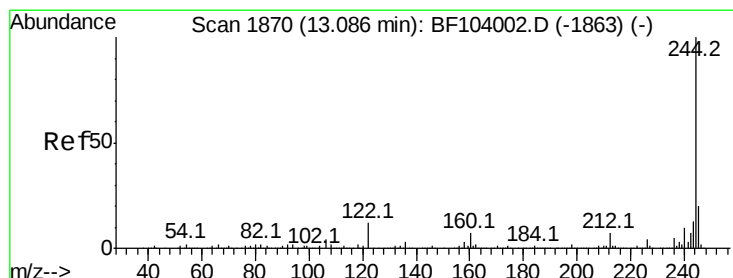
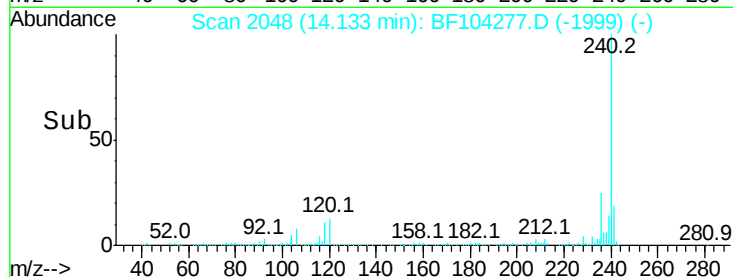
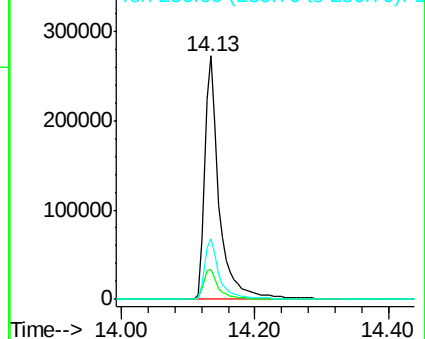
236 25.1 20.7 31.1



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: 76.709 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104277.D

Acq: 5 Apr 2018 18:49

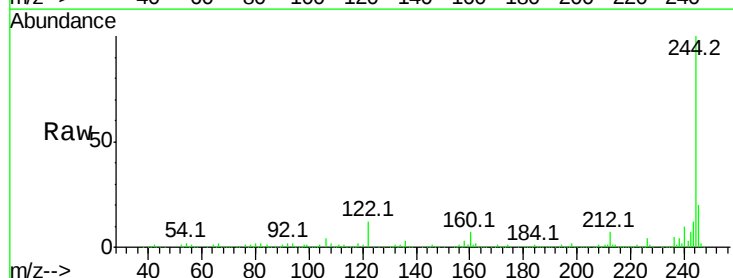
Tgt Ion:244 Resp: 1343439

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

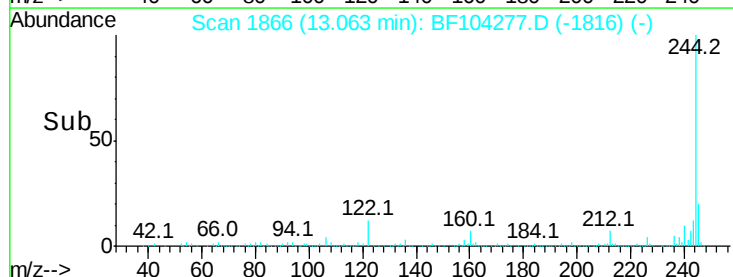
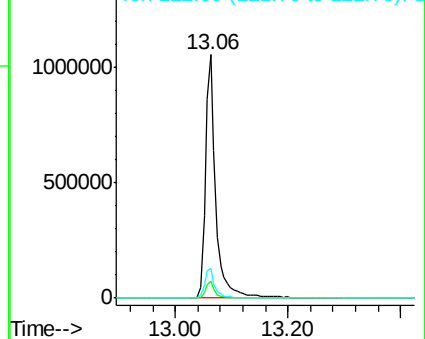
122 12.1 11.0 16.4

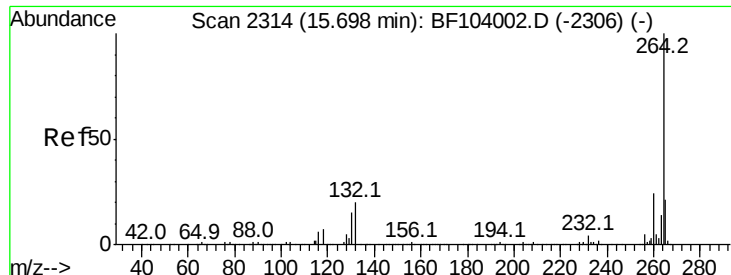


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



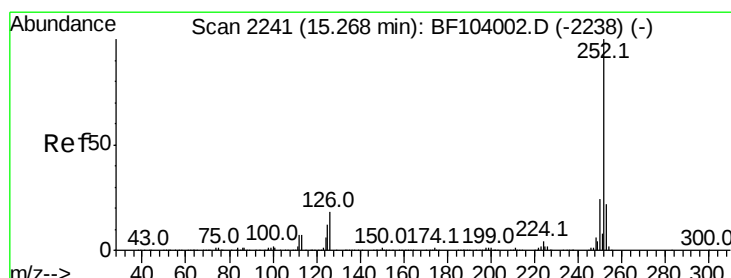
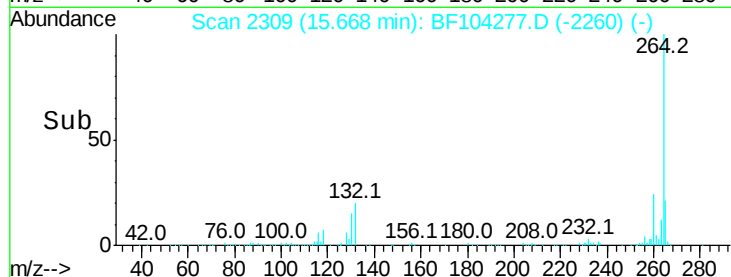
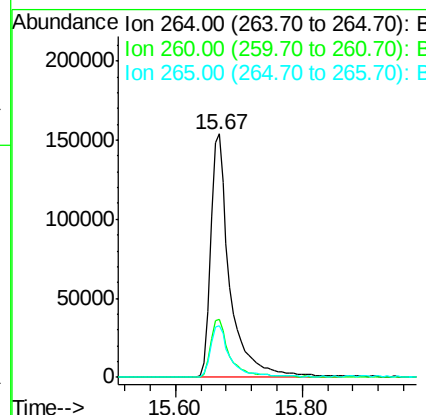
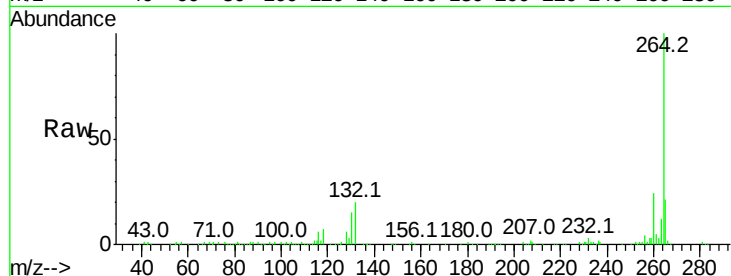


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF104277.D
Acq: 5 Apr 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 326657

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3



#88
Benzo(k)fluoranthene
Concen: 2.120 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF104277.D
Acq: 5 Apr 2018 18:49

Tgt Ion:252 Resp: 39709

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	16.1	10.2	15.2#

