

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104127.D
 Acq On : 2 Apr 2018 11:45
 Operator : JU/SJ
 Sample : PB107878BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 13:41:42 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

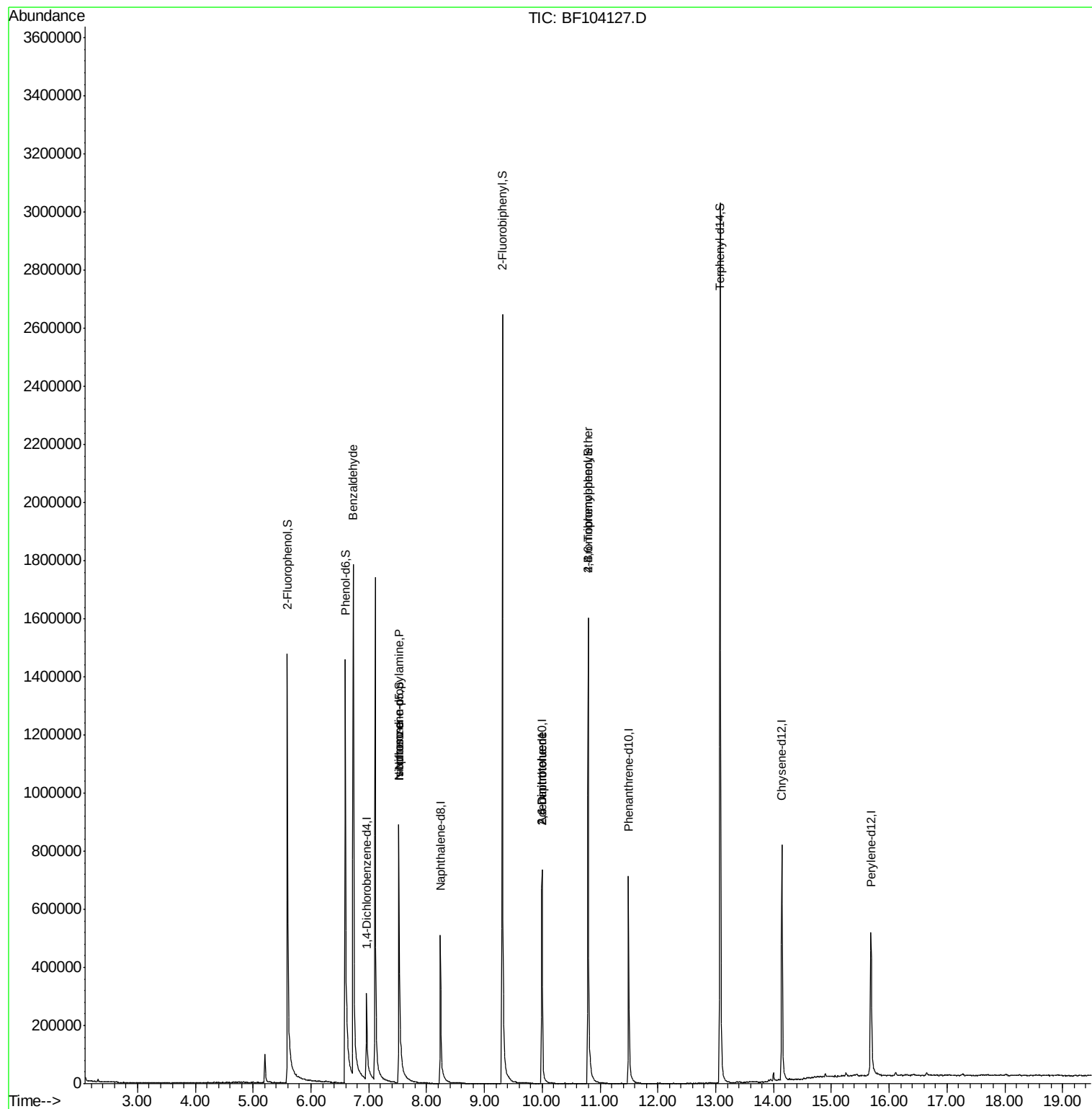
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89435	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	375281	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	194385	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	380167	20.00	ng	0.00
75) Chrysene-d12	14.14	240	350394	20.00	ng	0.00
86) Perylene-d12	15.69	264	311396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	678362	120.96	ng	0.00
7) Phenol-d6	6.59	99	892100	129.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	526060	85.73	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	269056	124.31	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1094227	88.77	ng	0.00
78) Terphenyl-d14	13.08	244	1252964	82.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	14789	2.757	ng	87
19) n-Nitroso-di-n-propylamine	7.52	70	63796	15.580	ng	# 76
25) Isophorone	7.52	82	526060	46.517	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	23311	7.060	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	23436	5.562	ng	# 24
66) 4-Bromophenyl-phenylether	10.79	248	15737	3.869	ng	# 1

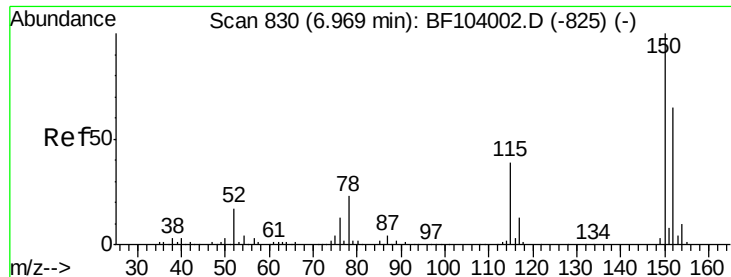
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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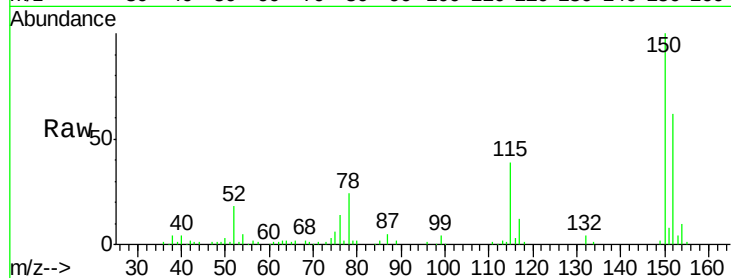


#1

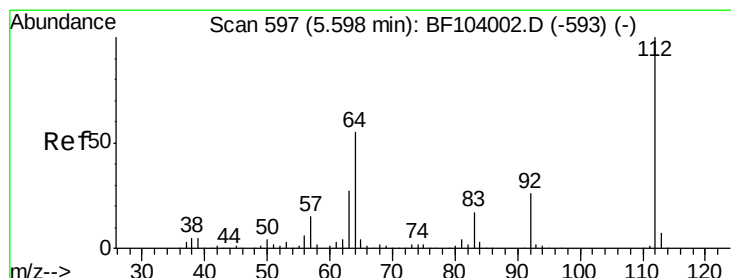
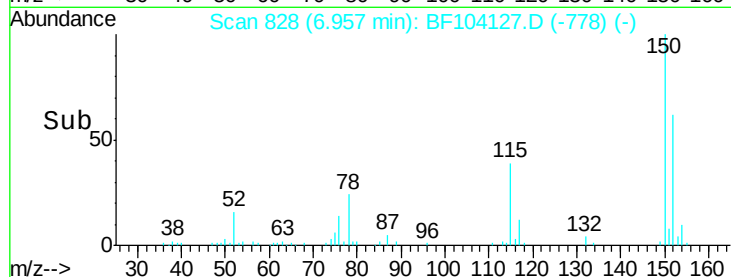
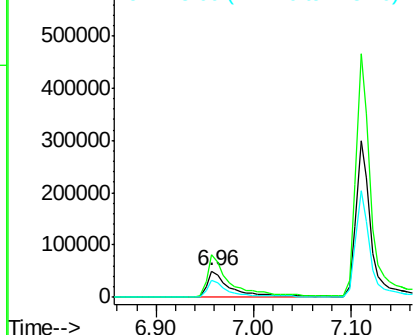
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	62.5	50.1	75.1



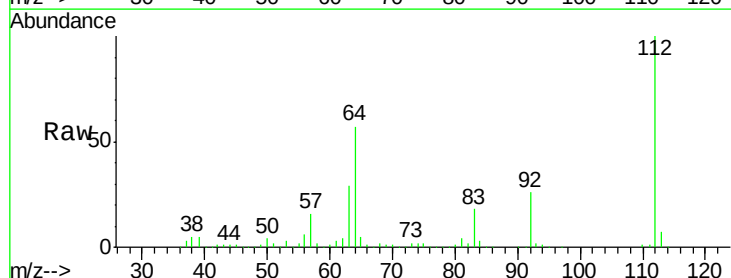
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



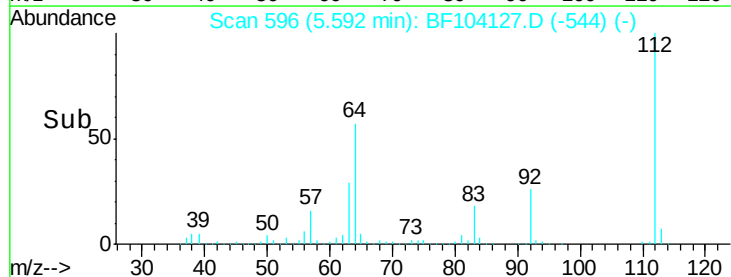
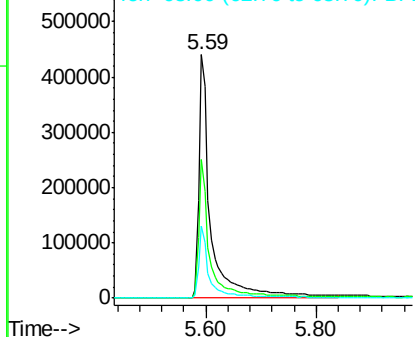
#5

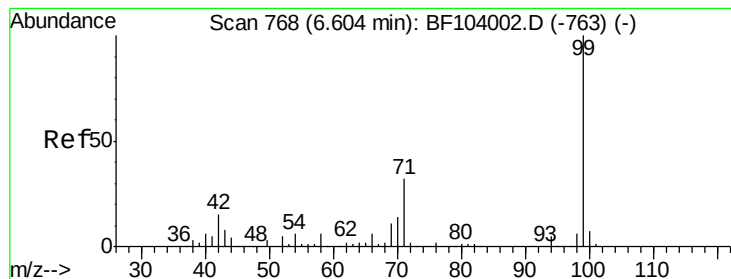
2-Fluorophenol
Concen: 120.961 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	29.4	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: 129.296 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

Instrument :

BNA_F

ClientSampleId :

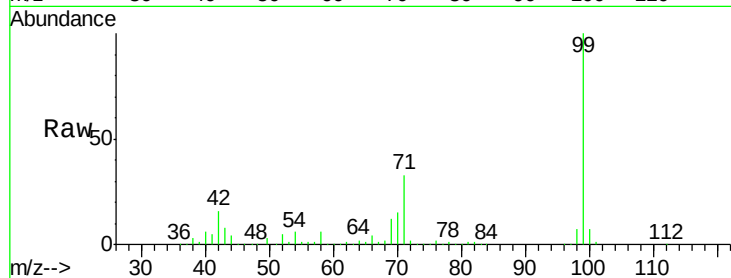
Tot Ion: 99 Resp: 892100

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

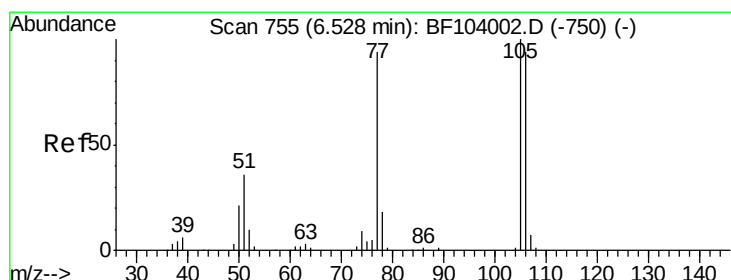
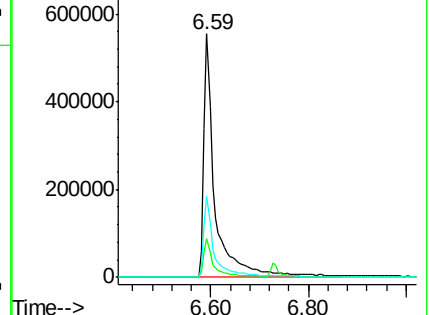
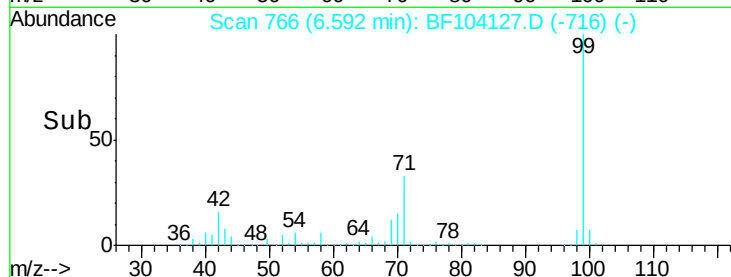
71 33.4 25.4 38.0



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: 2.757 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.21 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

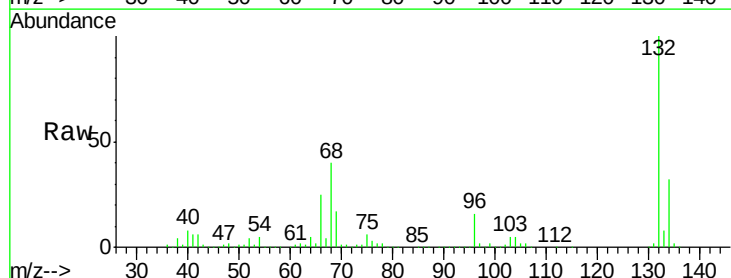
Tgt Ion: 77 Resp: 14789

Ion Ratio Lower Upper

77 100

105 86.3 81.1 121.1

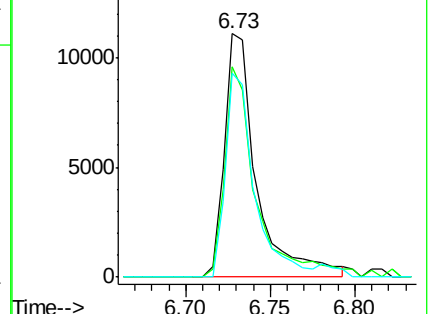
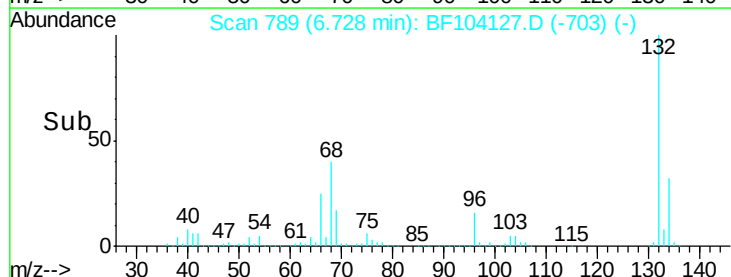
106 83.8 74.5 114.5

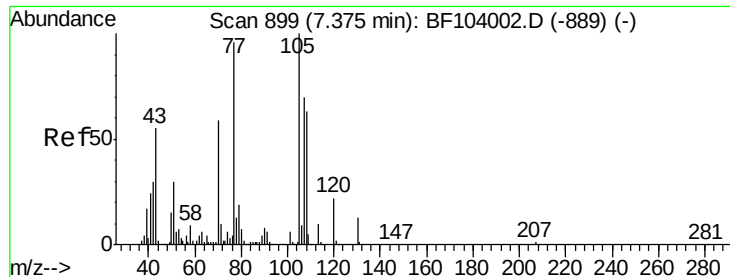


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

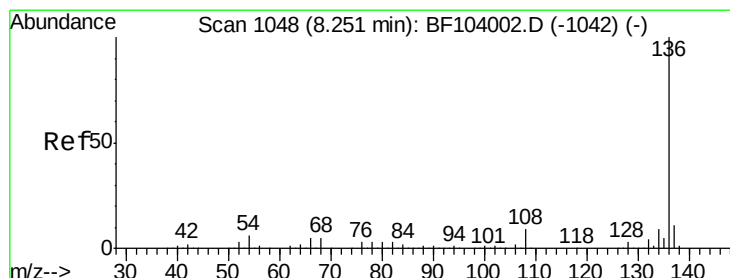
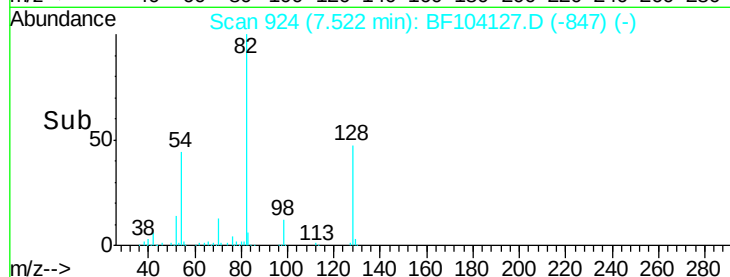
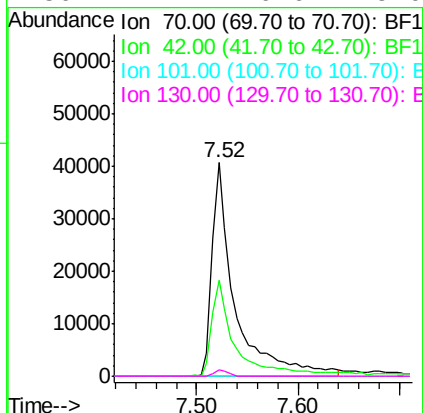
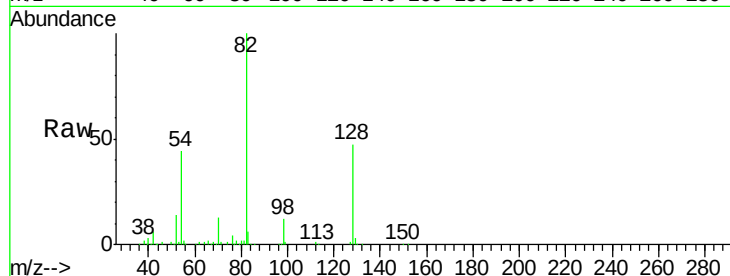




#19
n-Nitroso-di-n-propylamine
Concen: 15.580 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.15 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

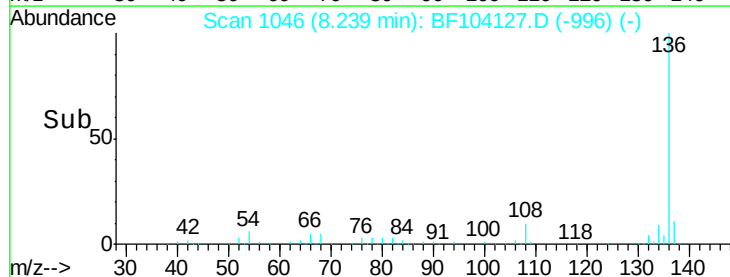
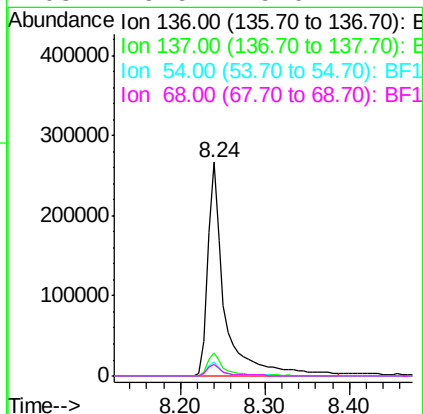
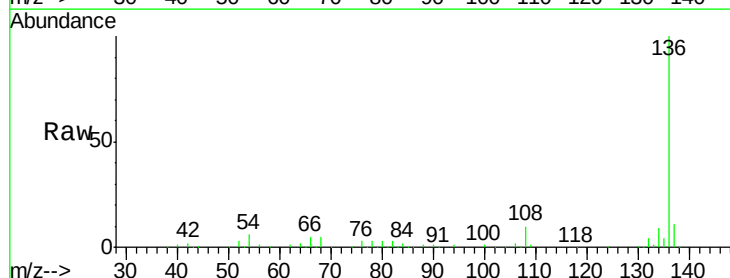
Instrument :
BNA_F
ClientSampleId :

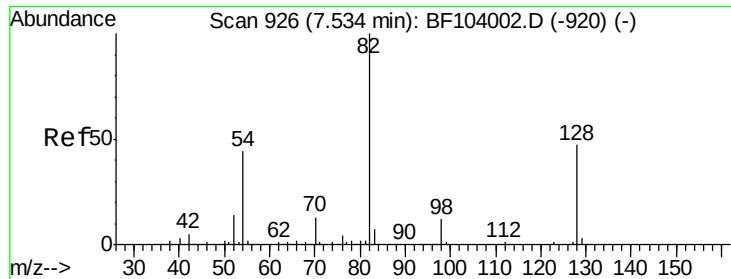
Tot Ion: 70 Resp: 63796
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

Tgt Ion: 136 Resp: 375281
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.3 6.6 9.8#
68 5.5 5.0 7.4

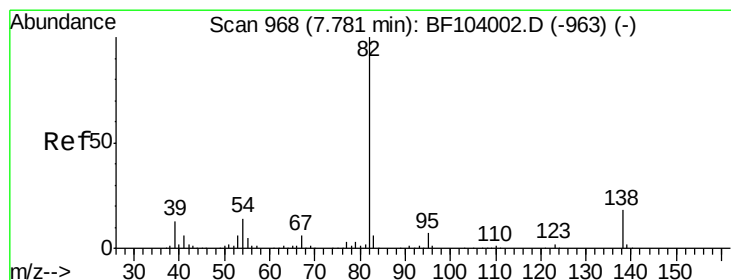
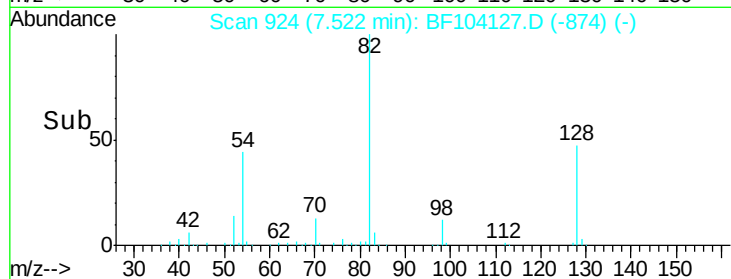
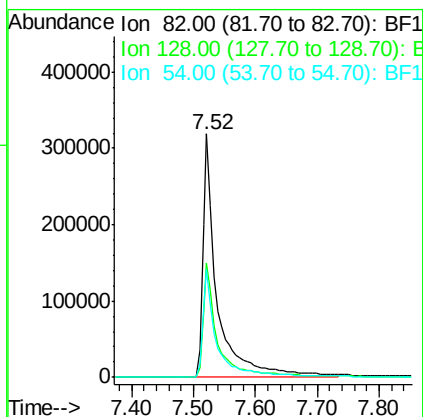
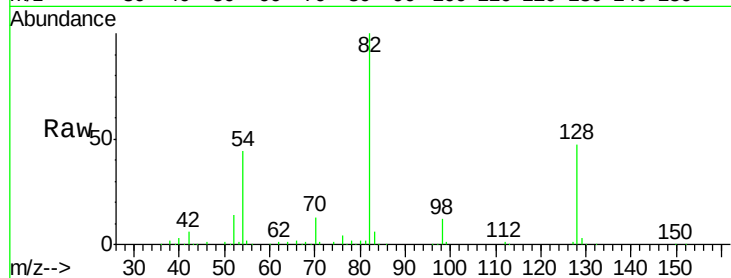




#23
Nitrobenzene-d5
Concen: 85.726 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

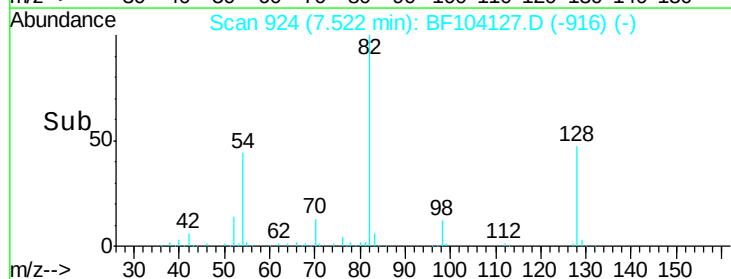
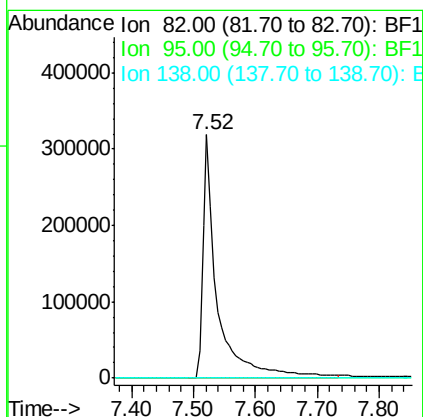
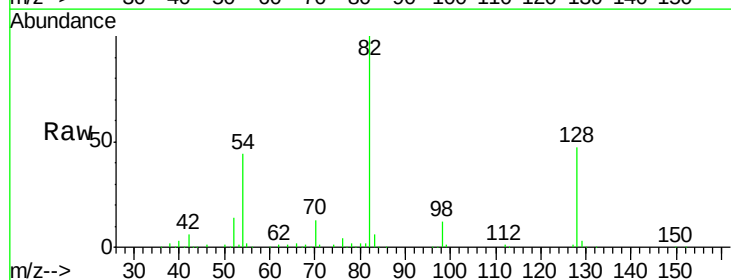
Instrument :
BNA_F
ClientSampleId :

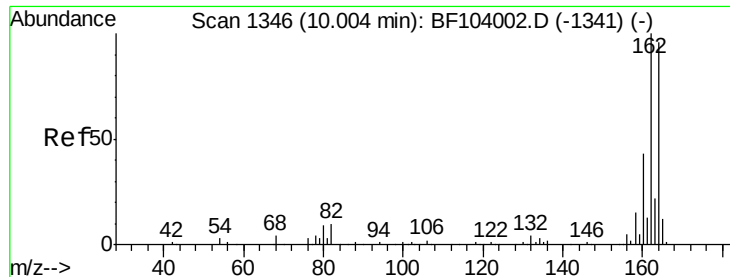
Tot Ion	82	Resp	526060
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	44.3	41.4	62.2



#25
Isophorone
Concen: 46.517 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

Tgt Ion	82	Resp	526060
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

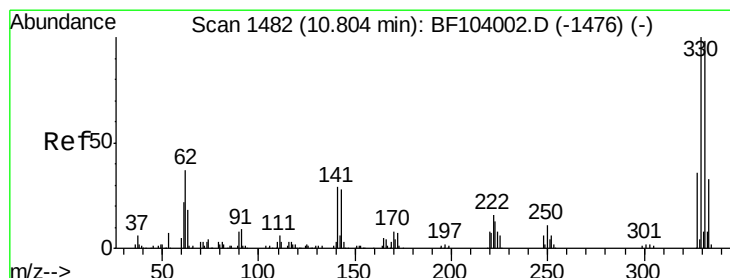
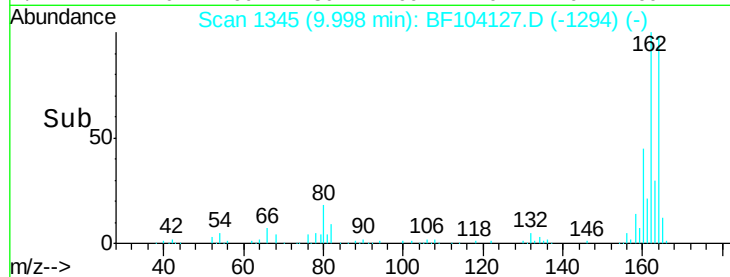
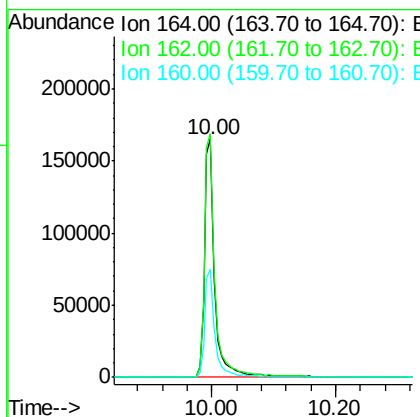
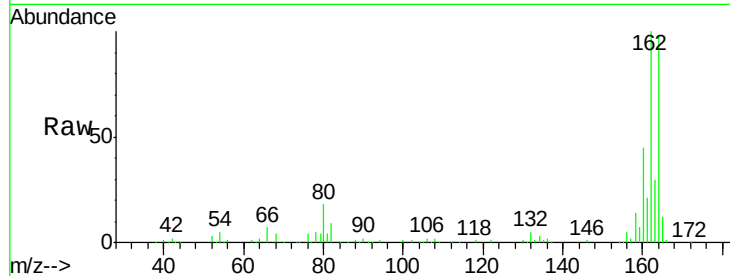




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

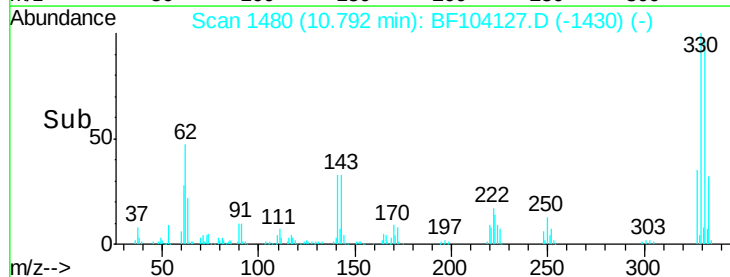
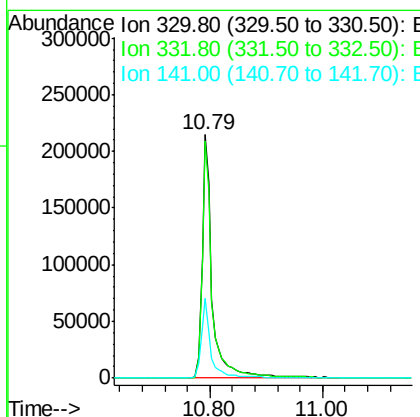
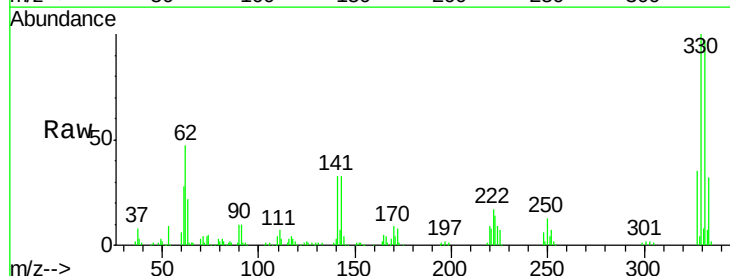
Instrument :
 BNA_F
 ClientSampleId :

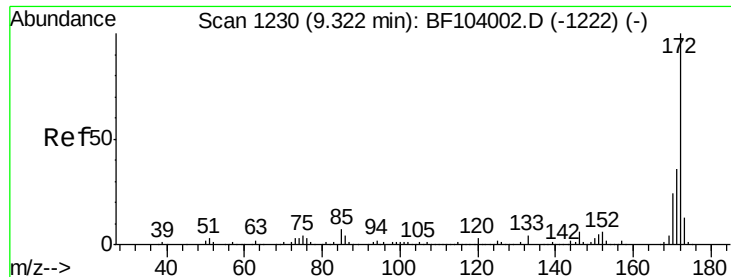
Tot Ion:164 Resp: 194385
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 45.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 124.305 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

Tgt Ion:330 Resp: 269056
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 31.2 29.9 44.9



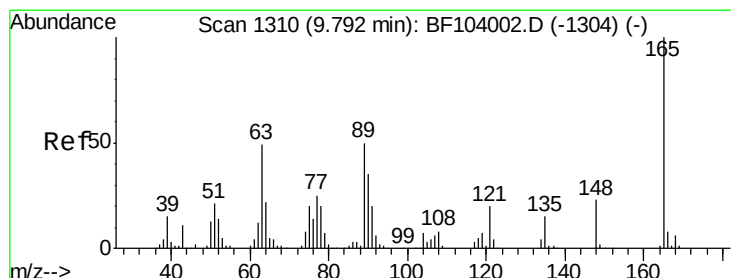
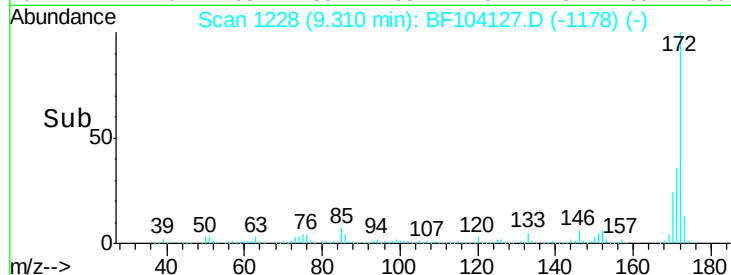
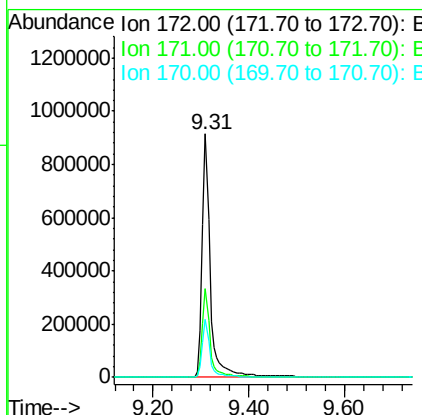
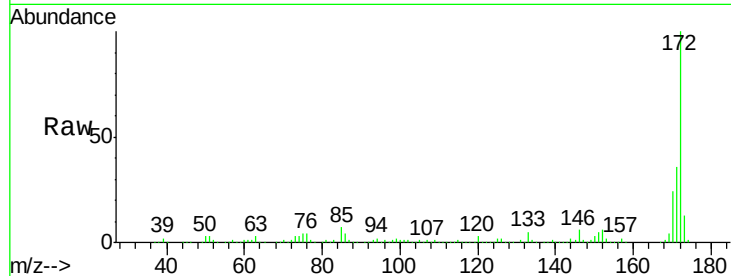


#44
 2-Fluorobiphenyl
 Concen: 88.767 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1094227

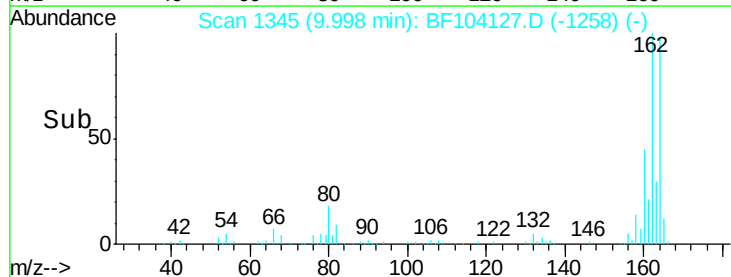
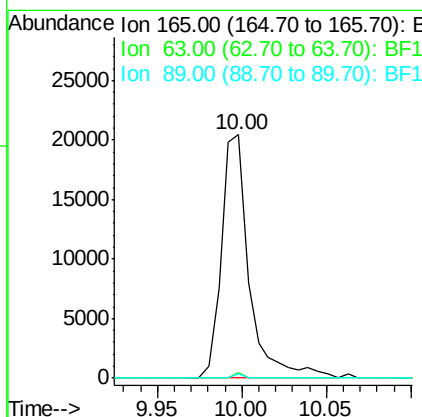
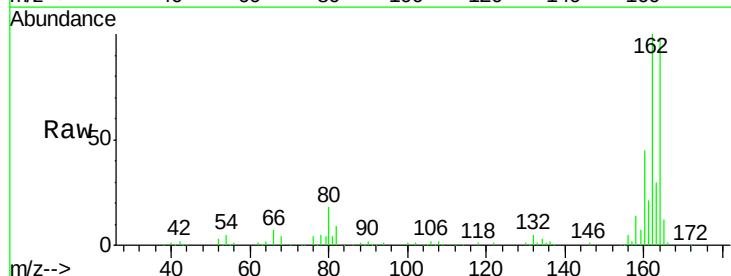
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4

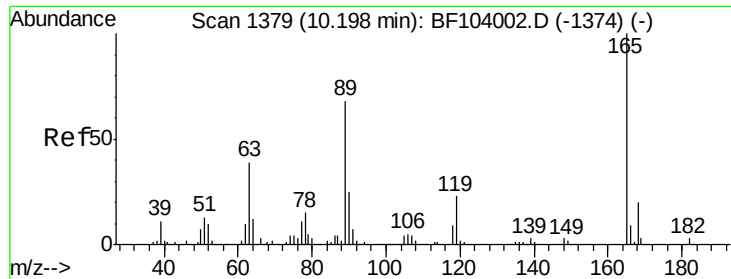


#50
 2,6-Dinitrotoluene
 Concen: 7.060 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.21 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

Tgt Ion:165 Resp: 23311

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.6	44.0	66.0#

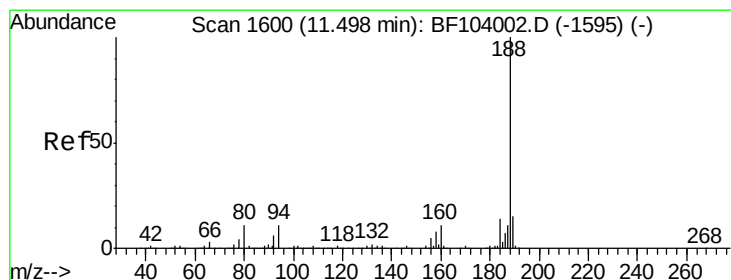
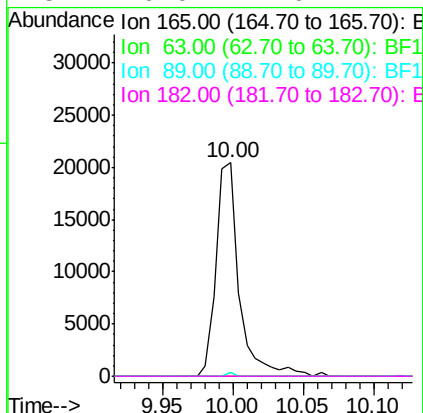
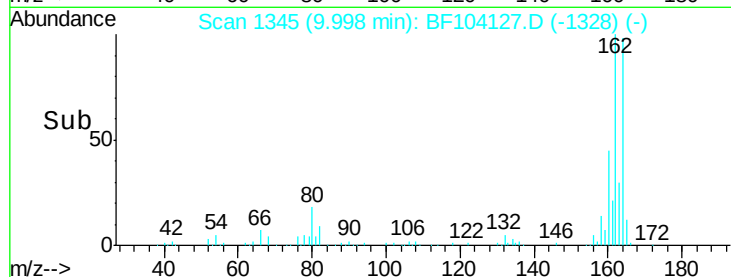
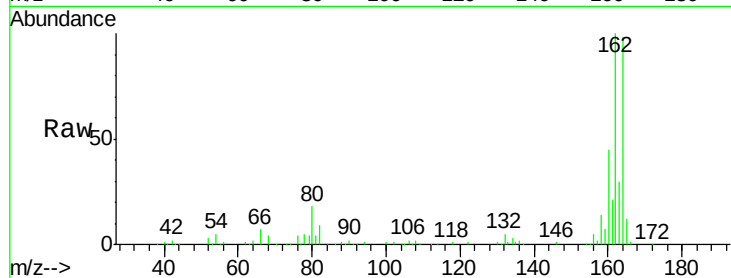




#56
 2,4-Dinitrotoluene
 Concen: 5.562 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

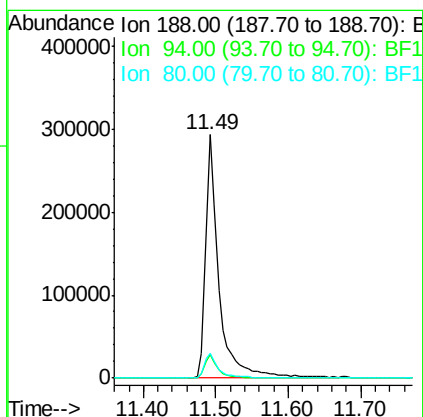
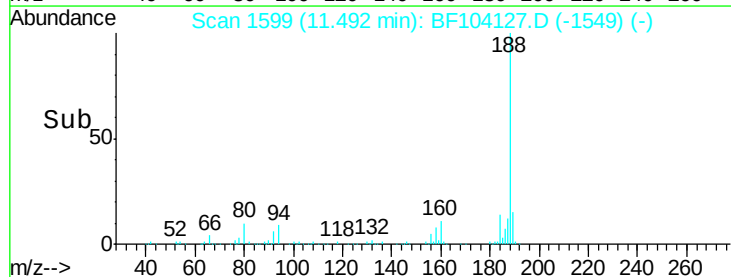
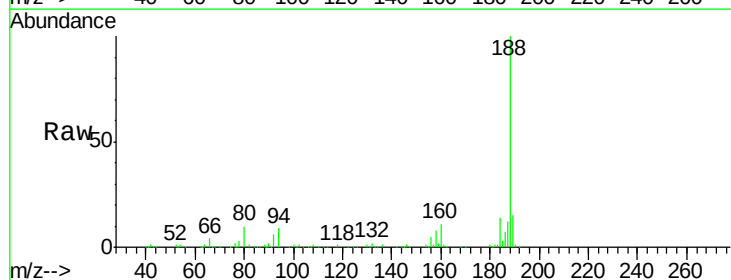
Instrument :
 BNA_F
 ClientSampleId :

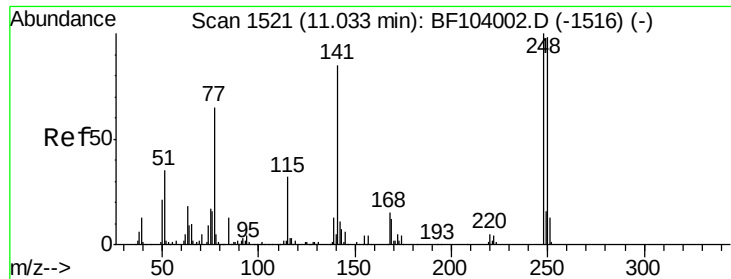
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104127.D
 Acq: 2 Apr 2018 11:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8

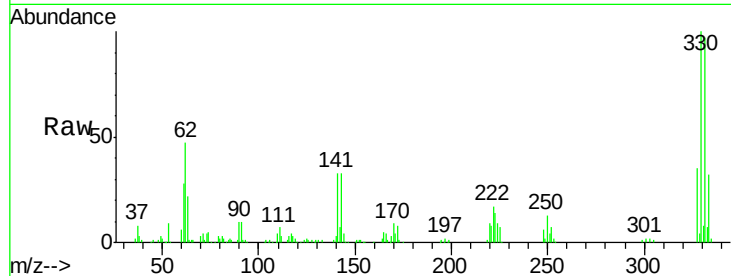




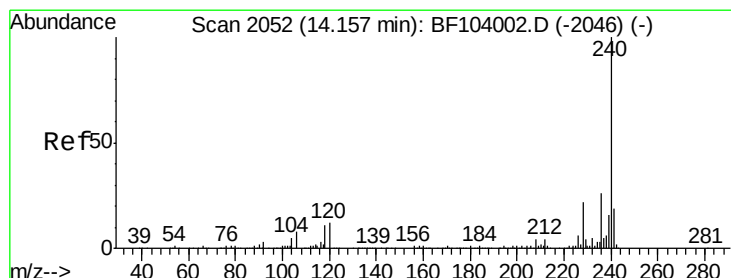
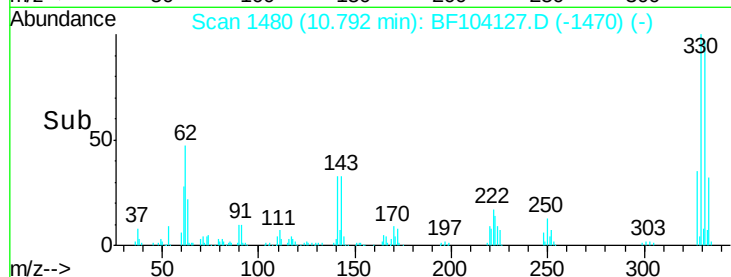
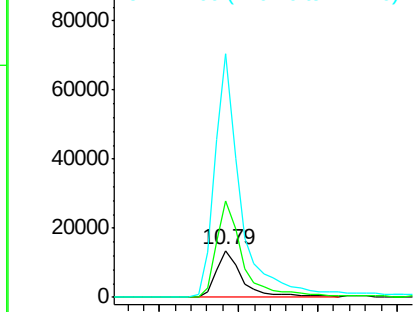
#66
4-Bromophenyl-phenylether
Concen: 3.869 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15737
Ion Ratio Lower Upper
248 100
250 204.8 76.9 115.3#
141 518.8 74.4 111.6#

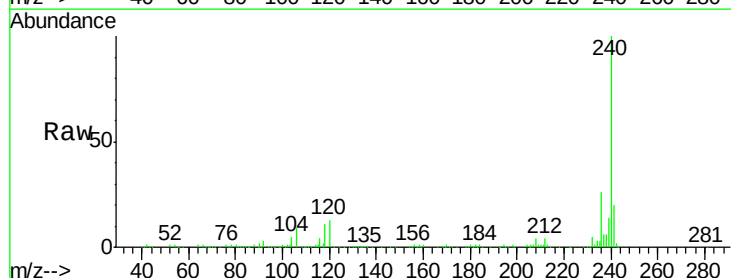


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

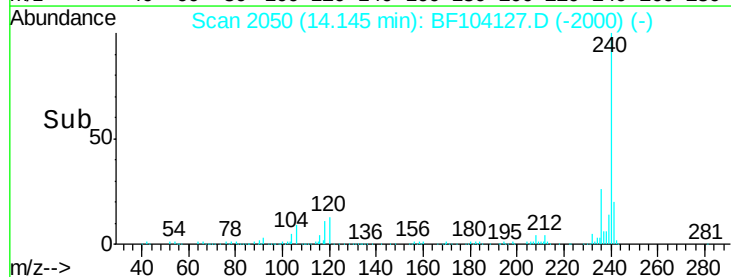
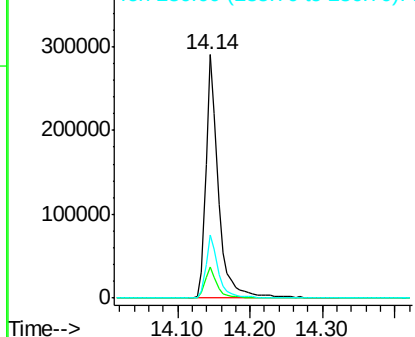


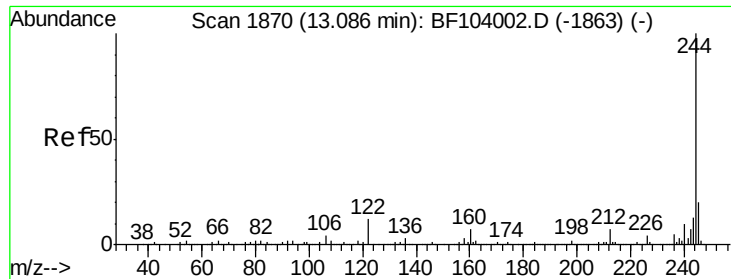
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF104127.D
Acq: 2 Apr 2018 11:45

Tgt Ion:240 Resp: 350394
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.8 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: 82.565 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

Instrument :

BNA_F

ClientSampled :

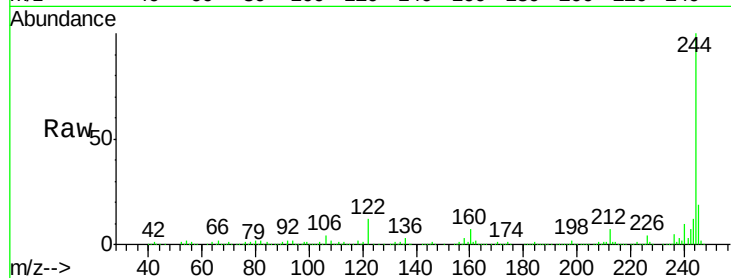
Tot Ion:244 Resp: 1252964

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

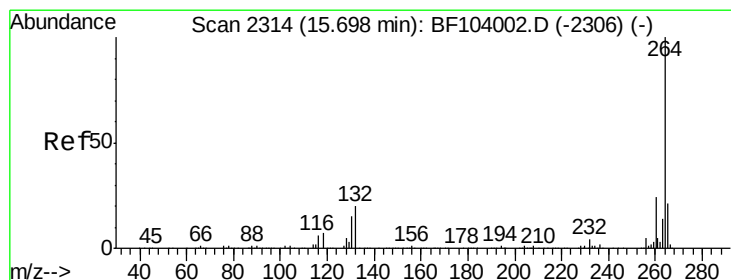
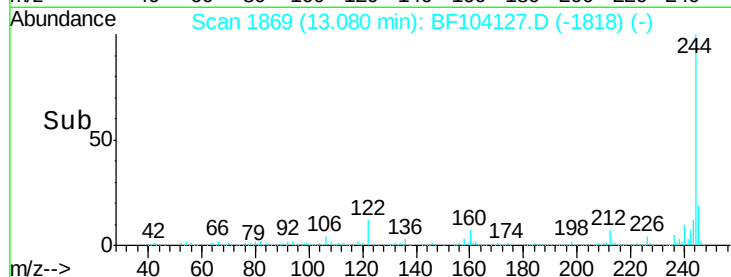
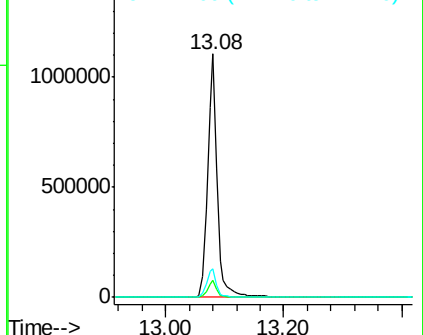
122 11.9 11.0 16.4



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: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF104127.D

Acq: 2 Apr 2018 11:45

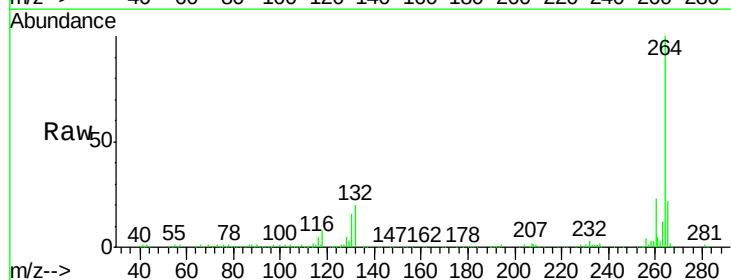
Tgt Ion:264 Resp: 311396

Ion Ratio Lower Upper

264 100

260 23.1 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

