

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104202.D
 Acq On : 4 Apr 2018 1:27
 Operator : JU/SJ
 Sample : J2182-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 02:23:56 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

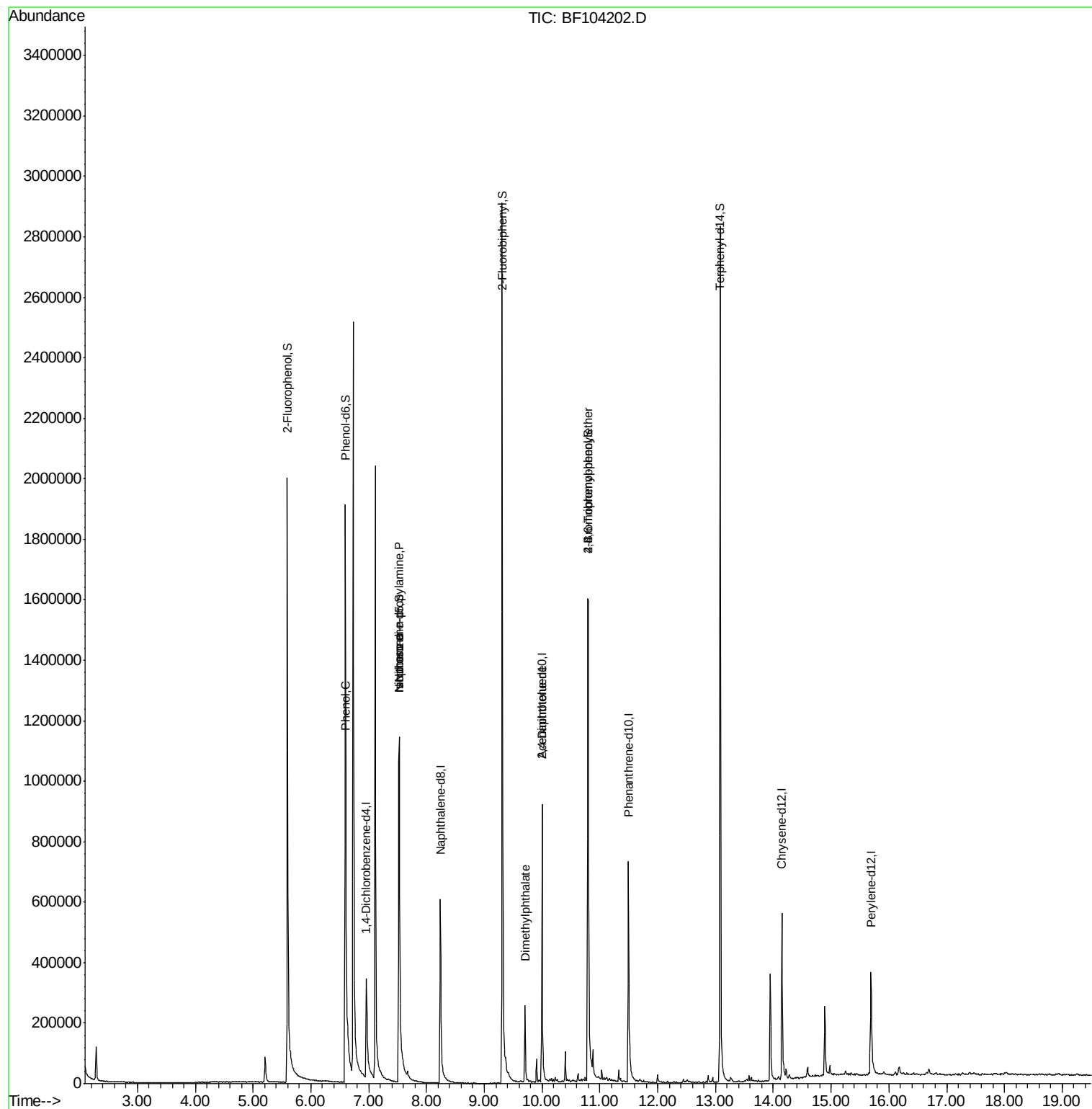
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105254	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	440793	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	213146	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	397318	20.00	ng	0.00
75) Chrysene-d12	14.15	240	275809	20.00	ng	0.00
86) Perylene-d12	15.69	264	222617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	837678	126.92	ng	0.00
7) Phenol-d6	6.60	99	1140992	140.52	ng	0.00
23) Nitrobenzene-d5	7.53	82	702520	97.47	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	315757	133.04	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1274397	94.28	ng	0.00
78) Terphenyl-d14	13.08	244	1204811	100.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1397	Below Cal		Qvalue
10) Phenol	6.61	94	25011	2.780 ng	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	83168	17.259 ng	#	39
25) Isophorone	7.53	82	702520	52.888 ng	#	74
49) Dimethylphthalate	9.70	163	134689	8.004 ng	#	64
56) 2,4-Dinitrotoluene	10.00	165	26621	5.762 ng	#	100
66) 4-Bromophenyl-phenylether	10.80	248	18216	4.285 ng	#	23
					#	1

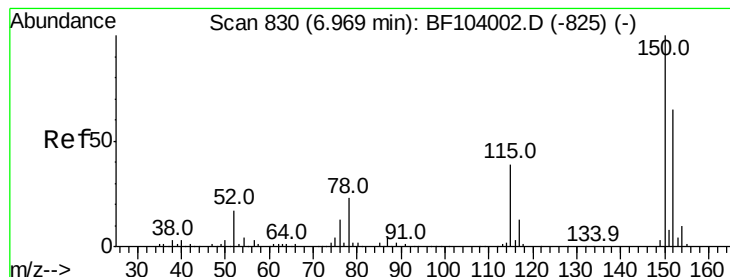
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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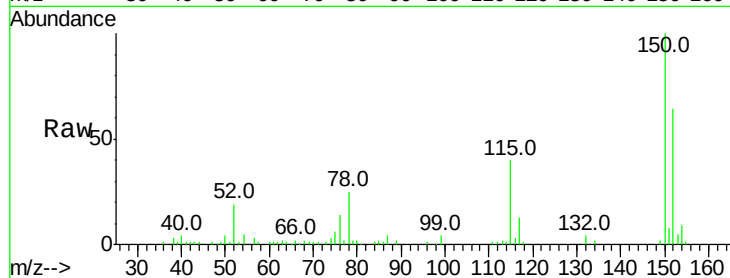


#1

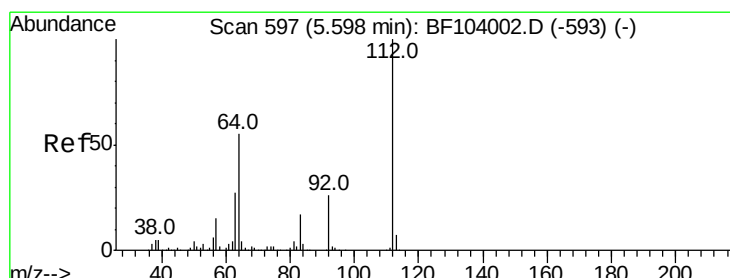
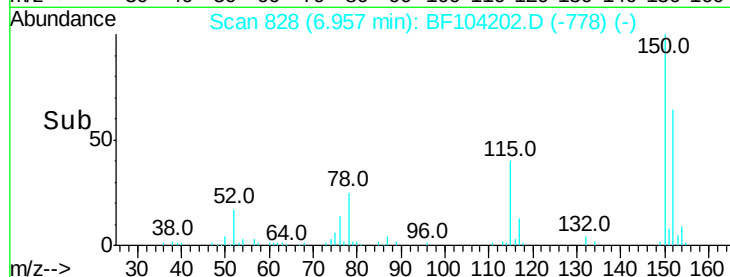
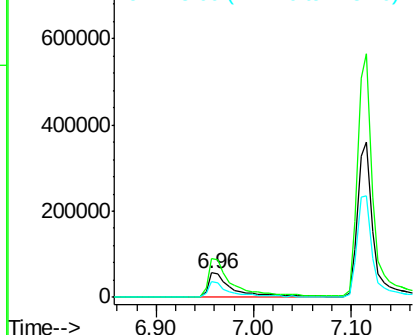
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104202.D
Acq: 4 Apr 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	63.3	50.1	75.1



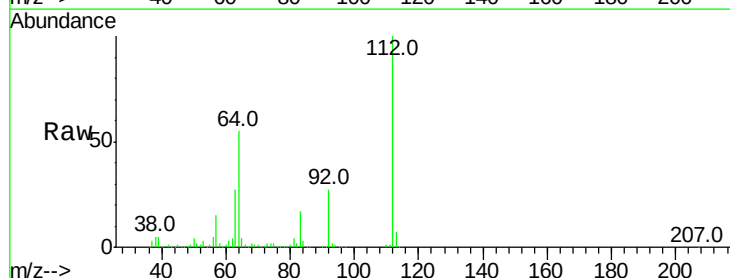
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



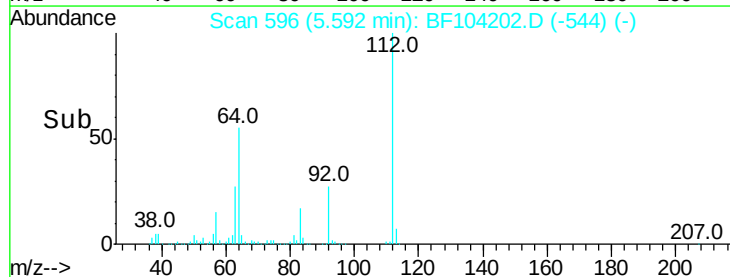
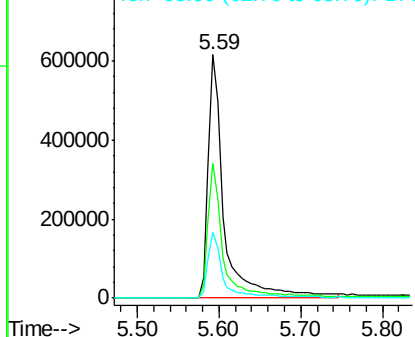
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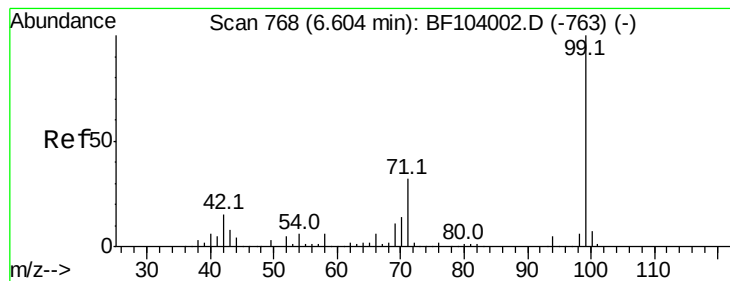
2-Fluorophenol
Concen: 126.920 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104202.D
Acq: 4 Apr 2018 1:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	27.2	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: 140.516 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104202.D

Acq: 4 Apr 2018 1:27

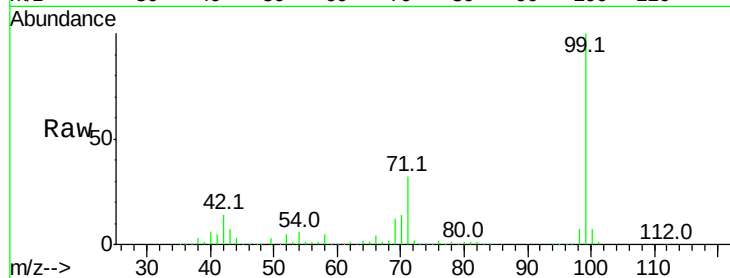
Instrument :

BNA_F

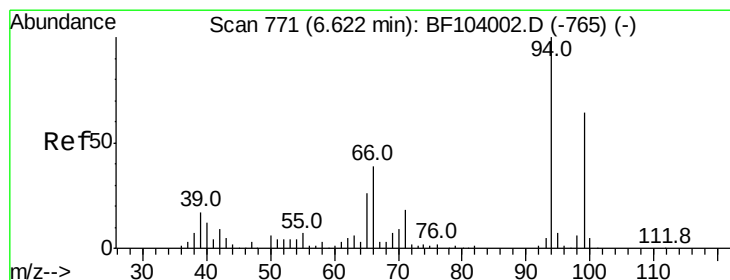
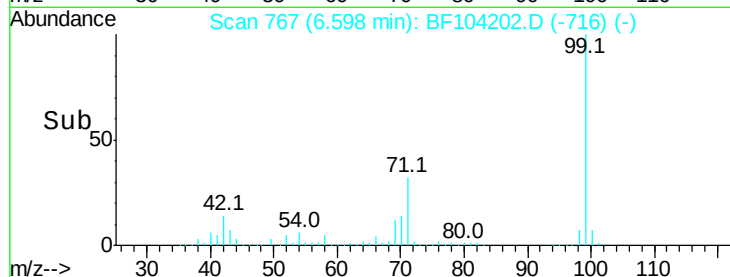
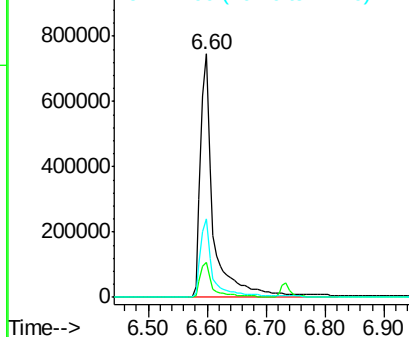
ClientSampled :

Tot Ion: 99 Resp: 1140992

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	32.0	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



#10

Phenol

Concen: 2.780 ng

RT: 6.61 min Scan# 769

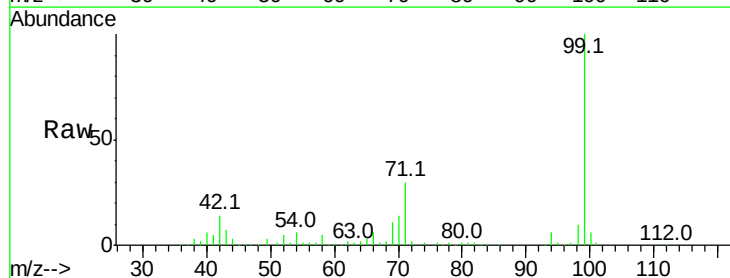
Delta R.T. -0.01 min

Lab File: BF104202.D

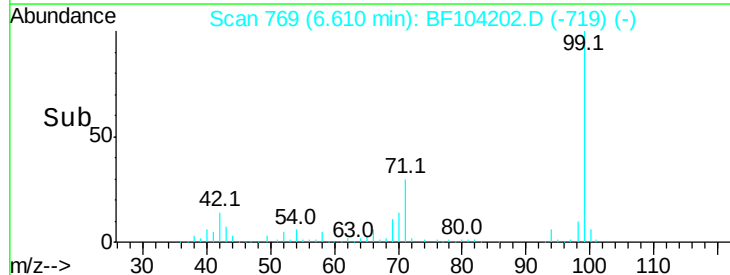
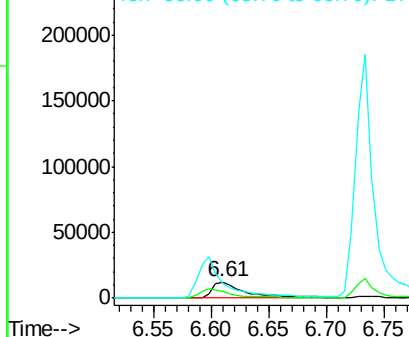
Acq: 4 Apr 2018 1:27

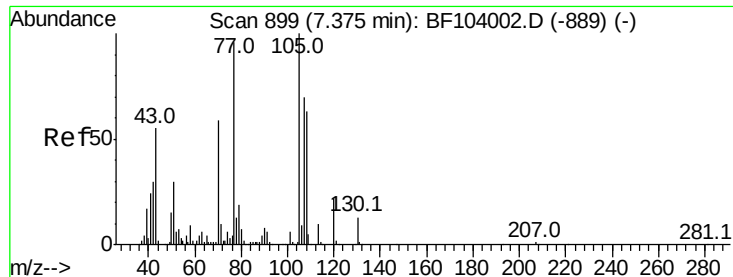
Tgt Ion: 94 Resp: 25011

Ion	Ratio	Lower	Upper
94	100		
65	40.7	7.9	47.9
66	89.2	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

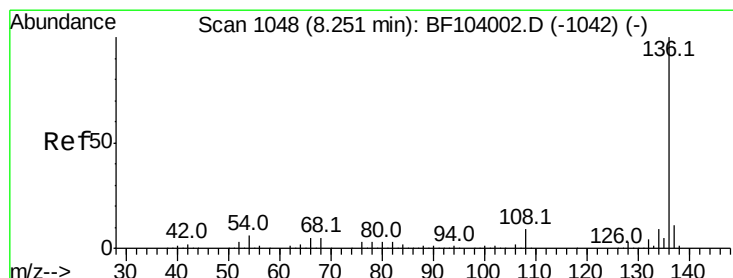
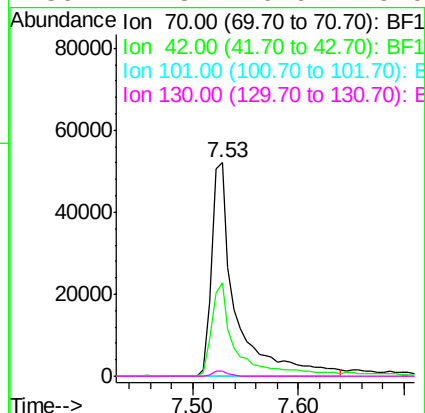
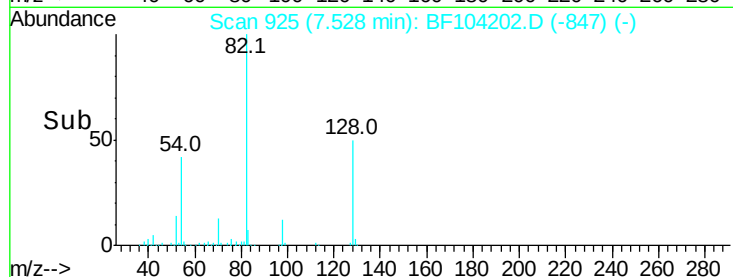
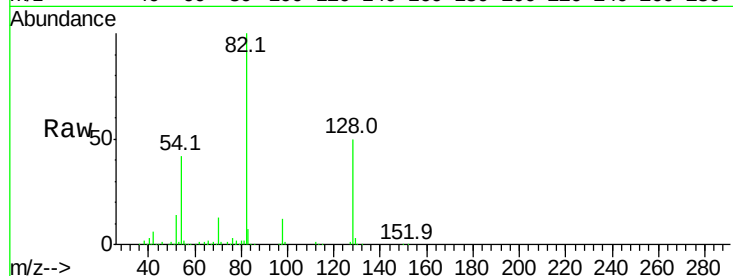




#19
n-Nitroso-di-n-propylamine
Concen: 17.259 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.16 min
Lab File: BF104202.D
Acq: 4 Apr 2018 1:27

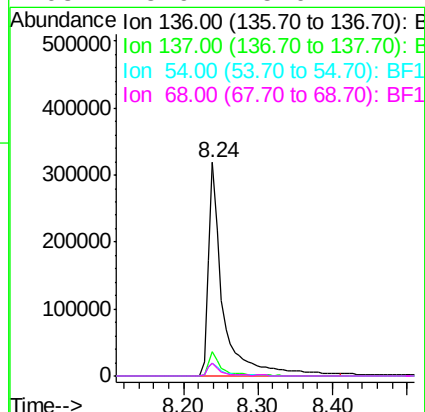
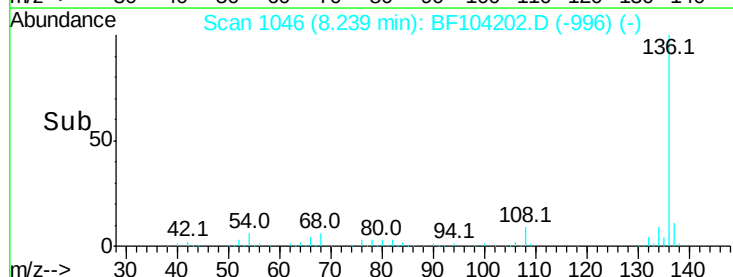
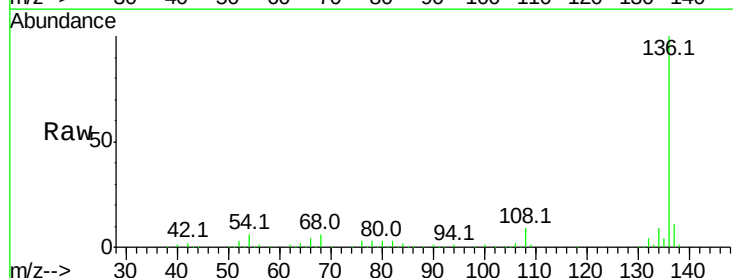
Instrument :
BNA_F
ClientSampled :

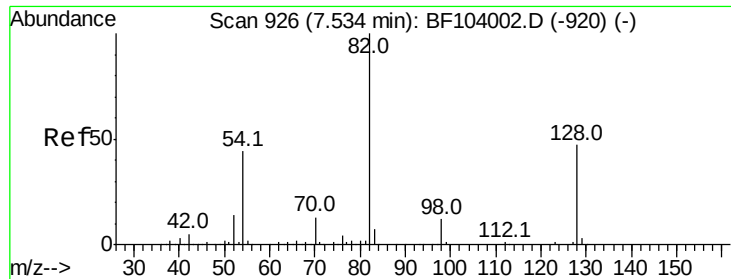
Tot Ion: 70 Resp: 83168
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104202.D
Acq: 4 Apr 2018 1:27

Tgt Ion: 136 Resp: 440793
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.3 6.6 9.8#
68 5.9 5.0 7.4

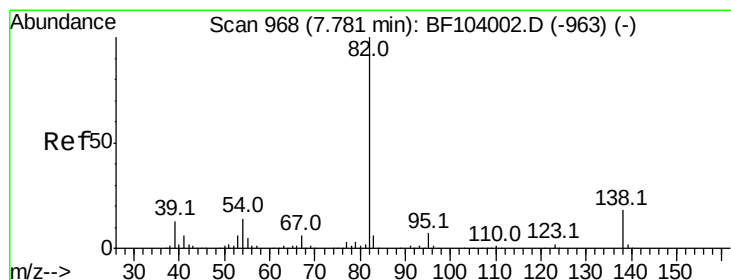
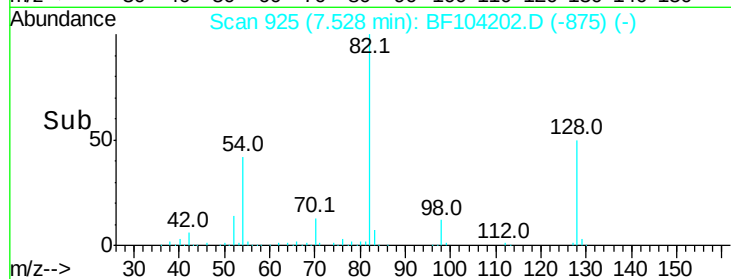
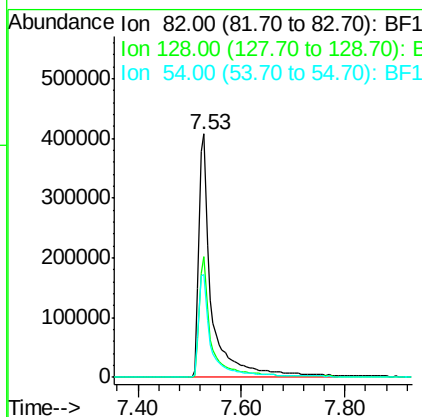
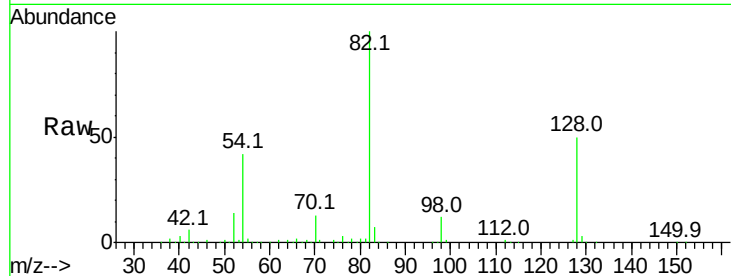




#23
 Nitrobenzene-d5
 Concen: 97.467 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104202.D
 Acq: 4 Apr 2018 1:27

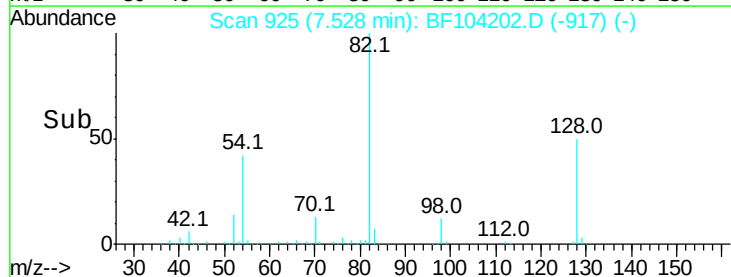
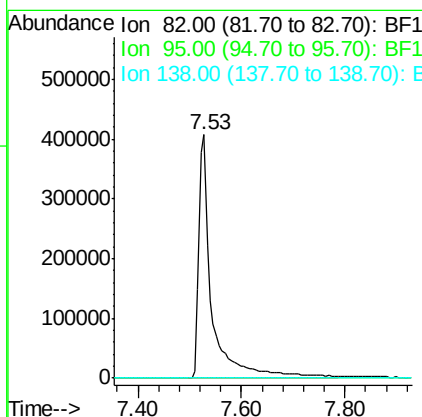
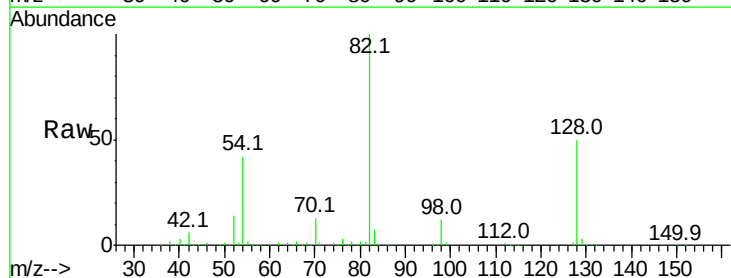
Instrument :
 BNA_F
 ClientSampled :

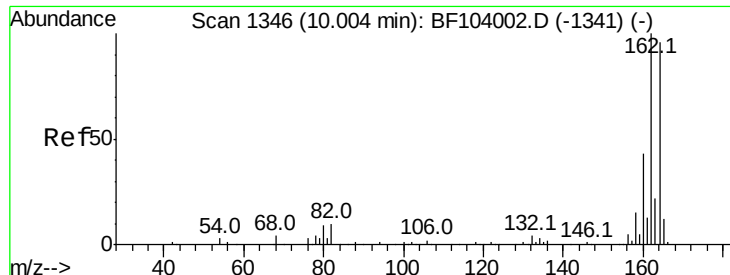
Tot Ion:	82	Resp:	702520
Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	42.3	41.4	62.2



#25
 Isophorone
 Concen: 52.888 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.25 min
 Lab File: BF104202.D
 Acq: 4 Apr 2018 1:27

Tgt Ion:	82	Resp:	702520
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

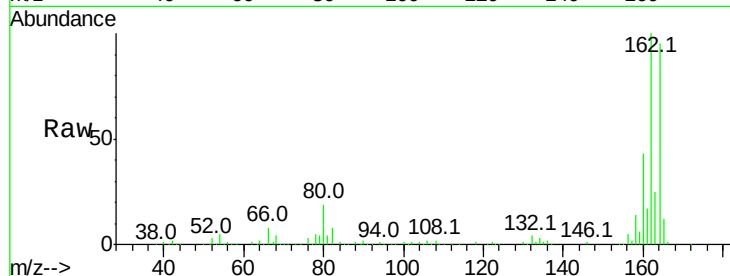




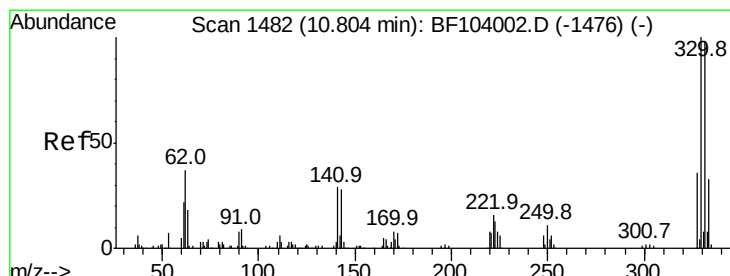
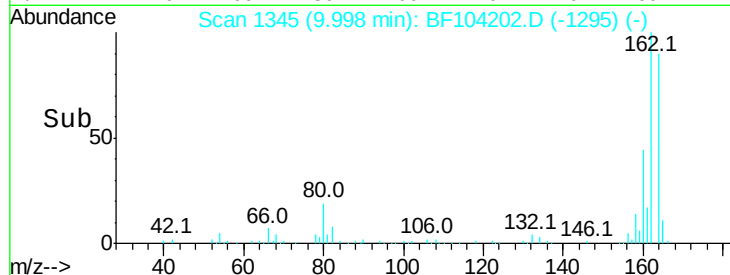
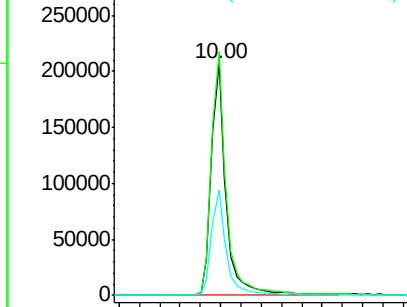
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104202.D
 Acq: 4 Apr 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 213146
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.6 38.3 57.5

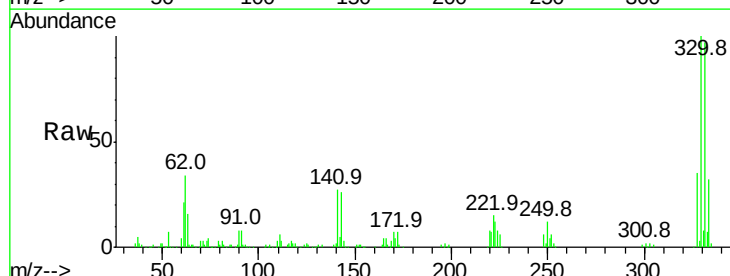


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

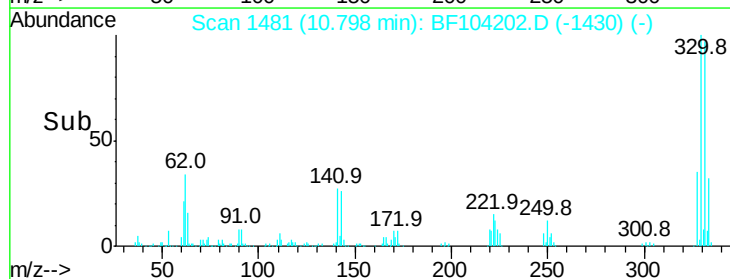
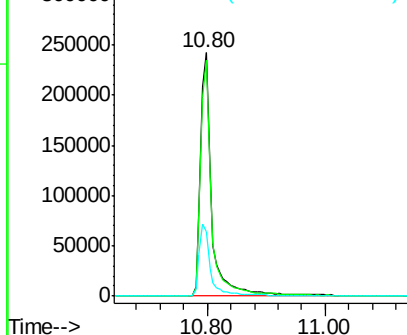


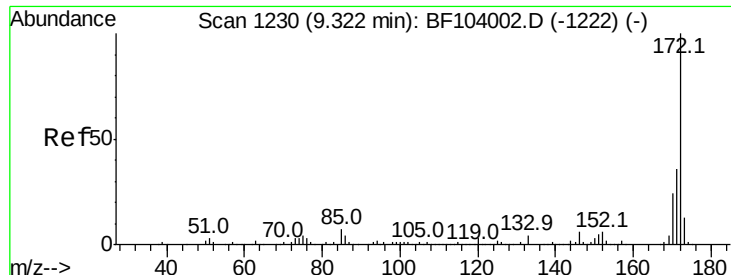
#41
 2,4,6-Tribromophenol
 Concen: 133.041 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104202.D
 Acq: 4 Apr 2018 1:27

Tgt Ion:330 Resp: 315757
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 30.8 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

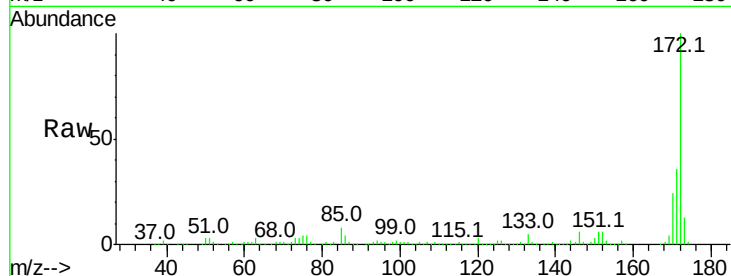




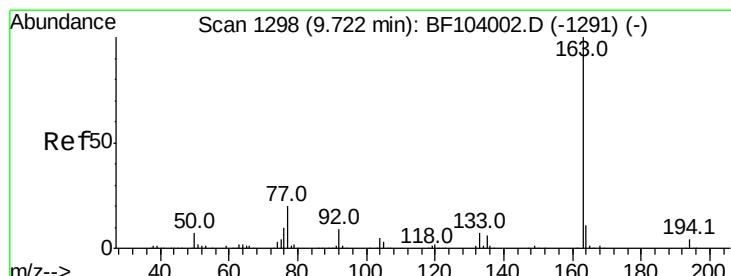
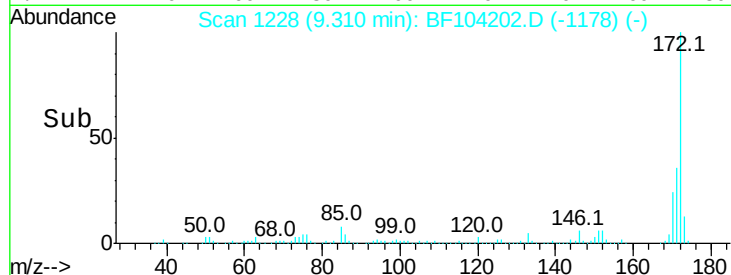
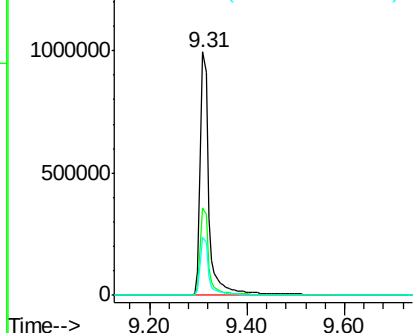
#44
2-Fluorobiphenyl
Concen: 94.284 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104202.D
Acq: 4 Apr 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1274397
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.8 19.6 29.4

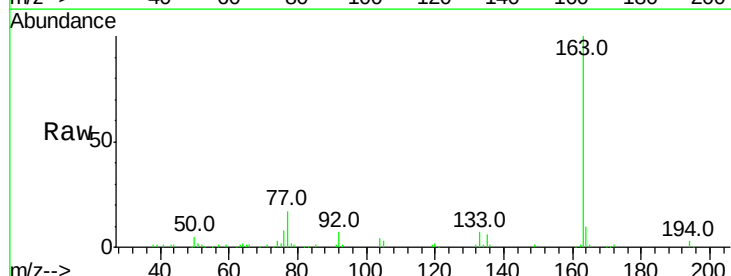


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

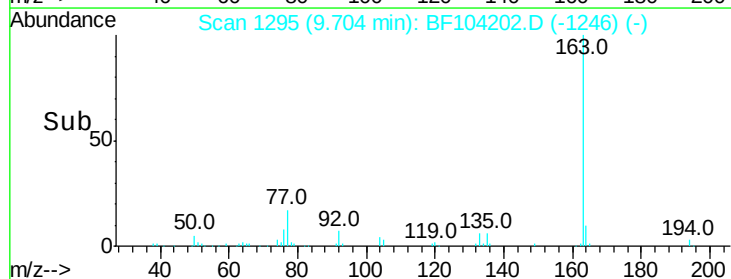
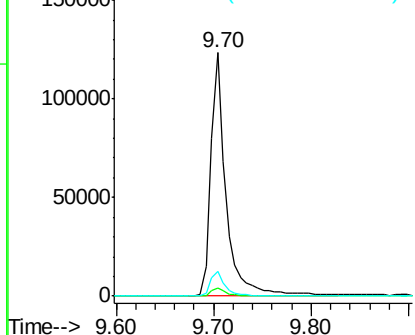


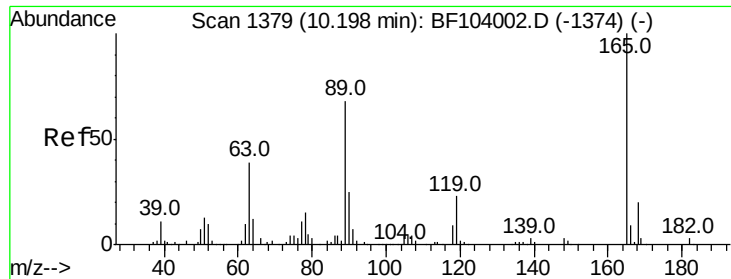
#49
Dimethylphthalate
Concen: 8.004 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104202.D
Acq: 4 Apr 2018 1:27

Tgt Ion:163 Resp: 134689
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 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

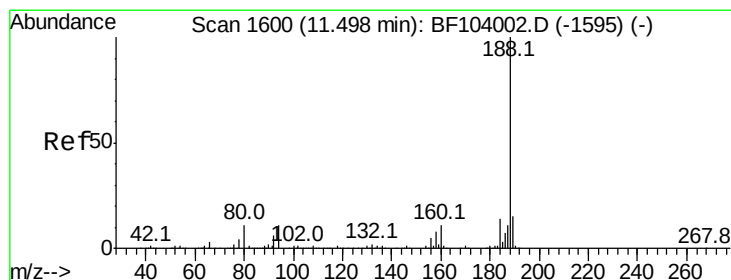
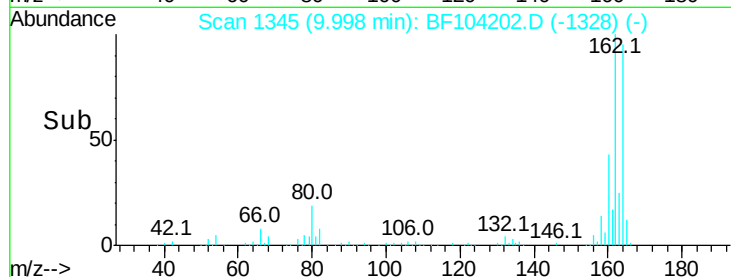
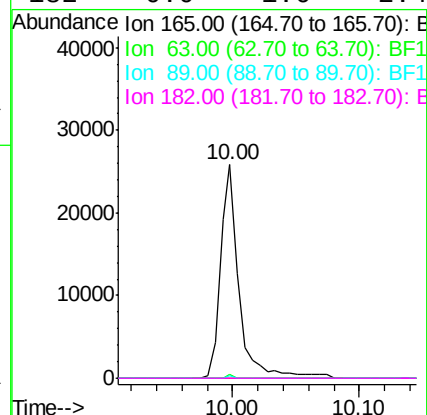
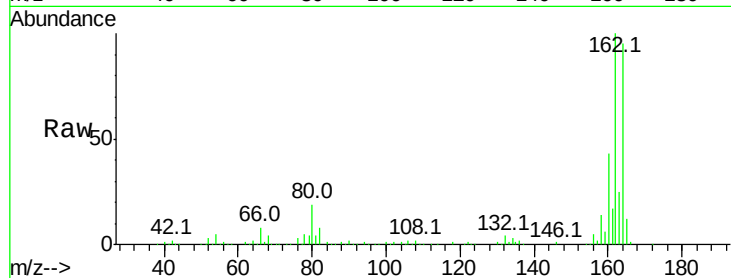




#56
 2,4-Dinitrotoluene
 Concen: 5.762 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104202.D
 Acq: 4 Apr 2018 1:27

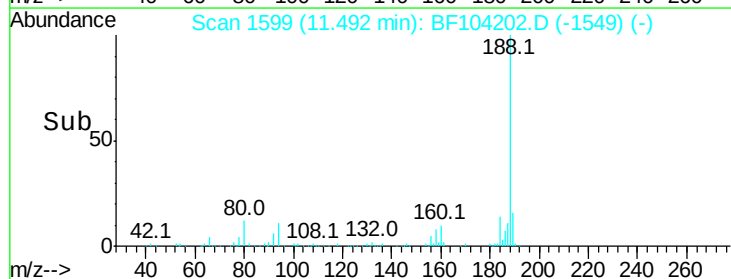
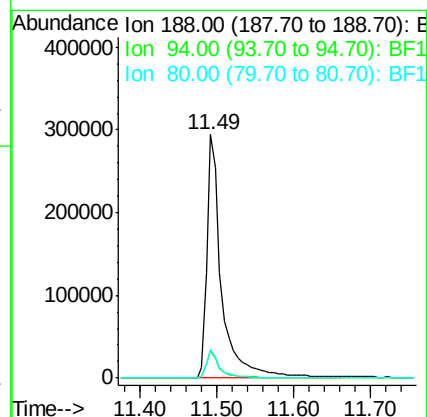
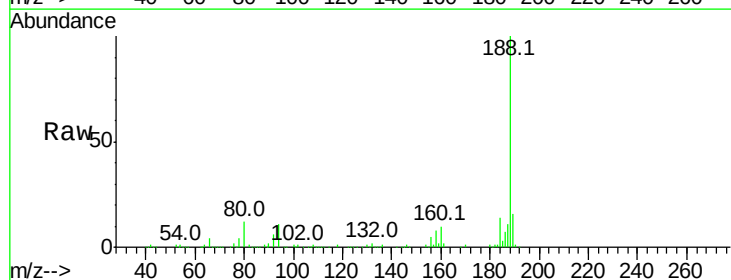
Instrument :
 BNA_F
 ClientSampleId :

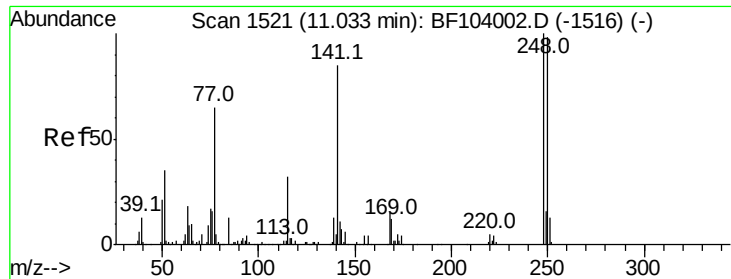
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104202.D
 Acq: 4 Apr 2018 1:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.9	9.2	13.8

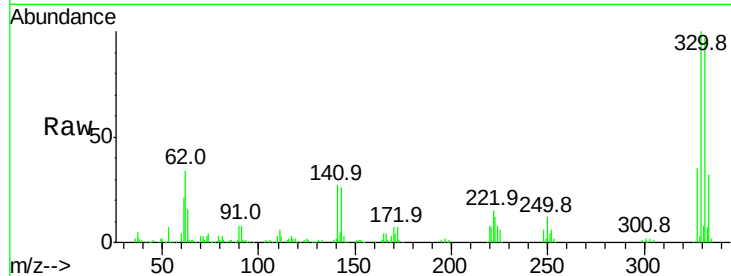




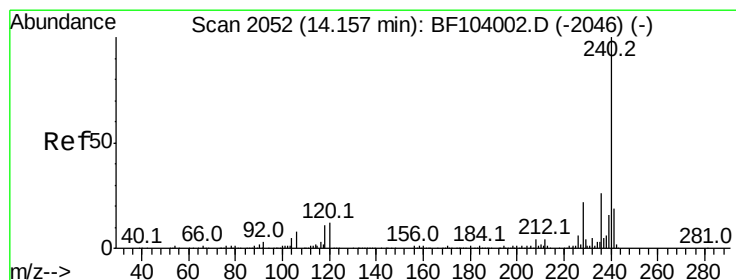
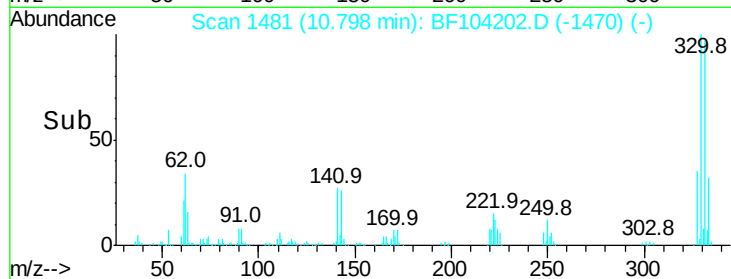
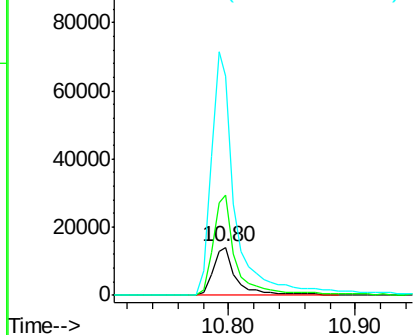
#66
4-Bromophenyl-phenylether
Concen: 4.285 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104202.D
Acq: 4 Apr 2018 1:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18216
Ion Ratio Lower Upper
248 100
250 208.4 76.9 115.3#
141 456.7 74.4 111.6#

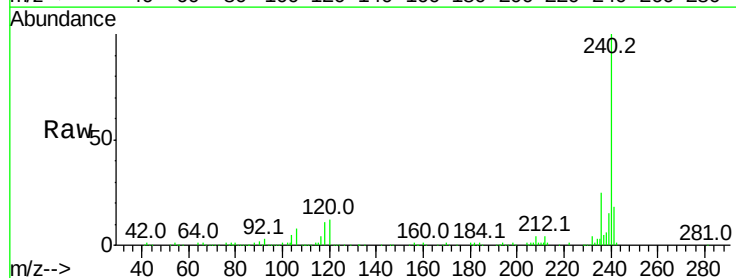


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

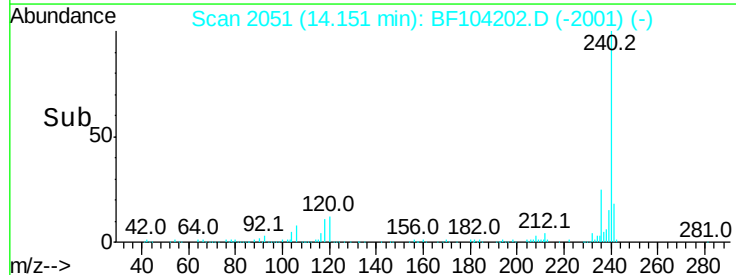
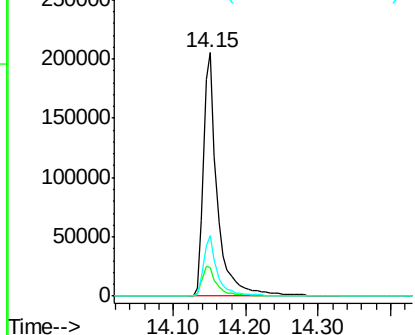


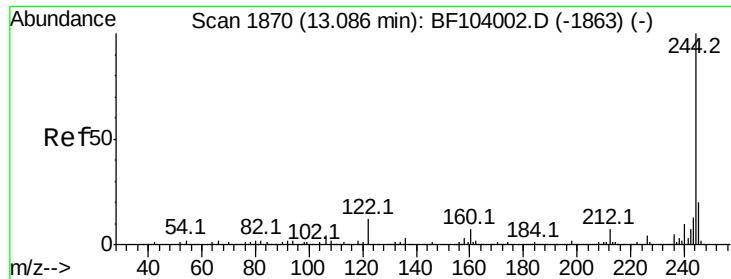
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104202.D
Acq: 4 Apr 2018 1:27

Tgt Ion:240 Resp: 275809
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 24.6 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: 100.862 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104202.D

Acq: 4 Apr 2018 1:27

Instrument :

BNA_F

ClientSampled :

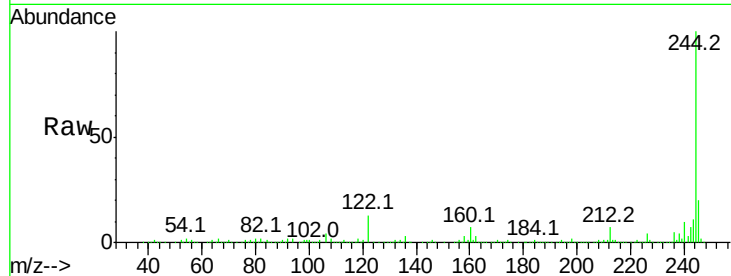
Tot Ion:244 Resp: 1204811

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

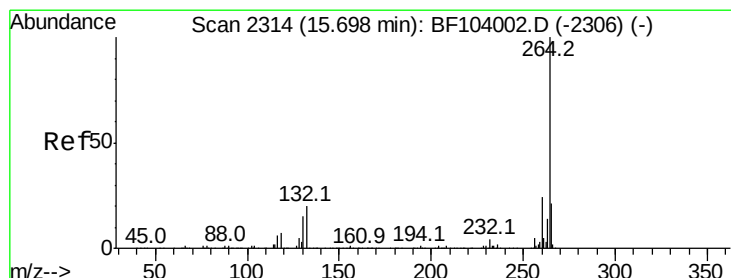
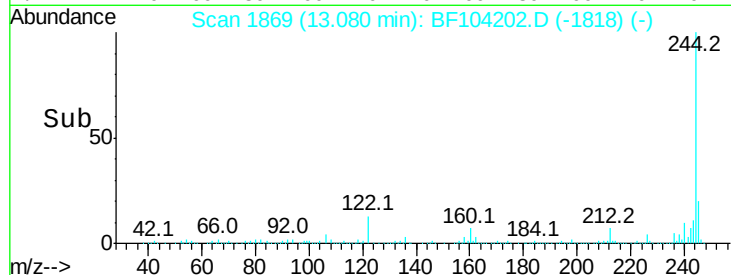
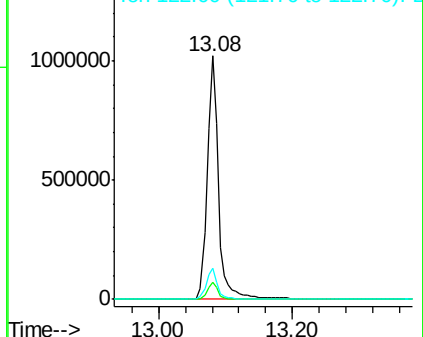
122 12.6 11.0 16.4



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# 2313

Delta R.T. -0.01 min

Lab File: BF104202.D

Acq: 4 Apr 2018 1:27

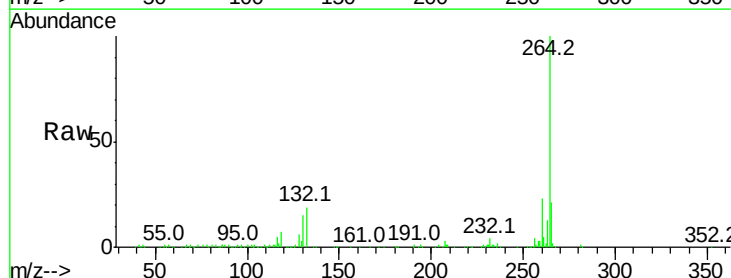
Tgt Ion:264 Resp: 222617

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.1 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

