

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104275.D
 Acq On : 5 Apr 2018 17:56
 Operator : JU/SJ
 Sample : PB107931BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:08:08 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

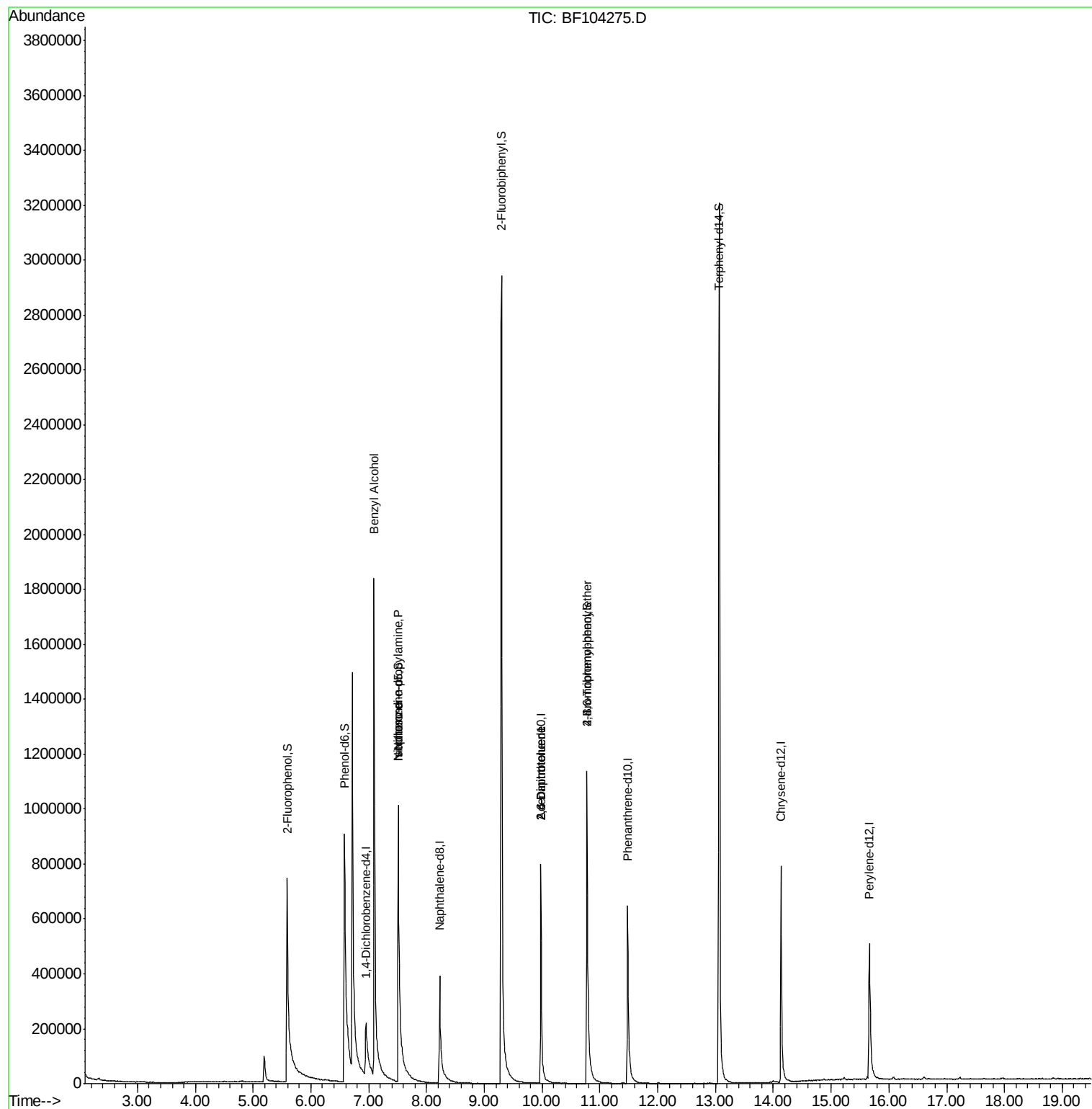
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	106487	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	486091	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	241596	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	484805	20.00	ng	0.00
75) Chrysene-d12	14.13	240	431706	20.00	ng	-0.01
86) Perylene-d12	15.66	264	377411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	688939	103.18	ng	0.00
7) Phenol-d6	6.58	99	967671	117.79	ng	-0.02
23) Nitrobenzene-d5	7.51	82	836318	105.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	272667	101.36	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1630059	106.40	ng	0.00
78) Terphenyl-d14	13.06	244	1620046	86.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	549	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	7.09	79	12536	2.347 ng	#	43
19) n-Nitroso-di-n-propylamine	7.51	70	94931	19.472 ng	#	71
25) Isophorone	7.51	82	837987	57.207 ng	#	64
50) 2,6-Dinitrotoluene	9.98	165	29783	7.257 ng	#	25
56) 2,4-Dinitrotoluene	9.98	165	30129	5.754 ng	#	22
66) 4-Bromophenyl-phenylether	10.77	248	15662	3.020 ng	#	1

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

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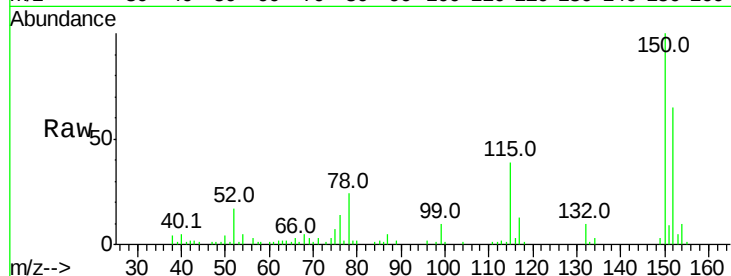


#1

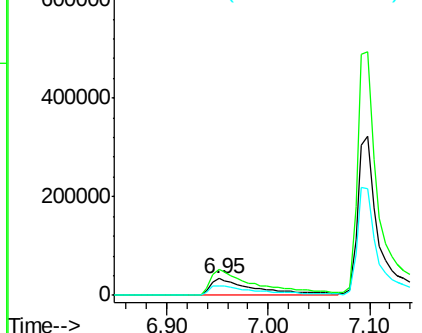
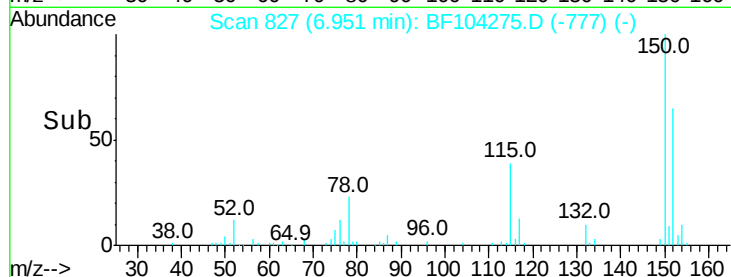
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104275.D
Acq: 5 Apr 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106487
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.2 50.1 75.1



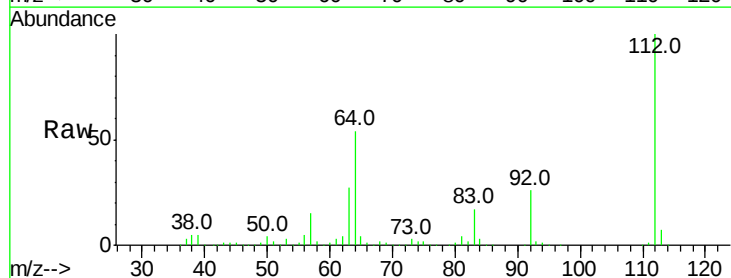
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



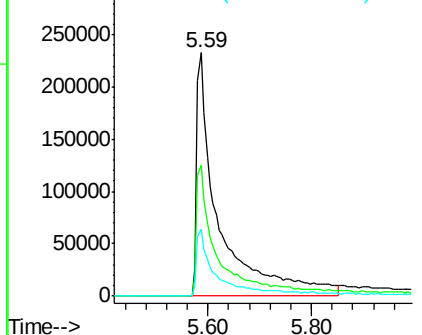
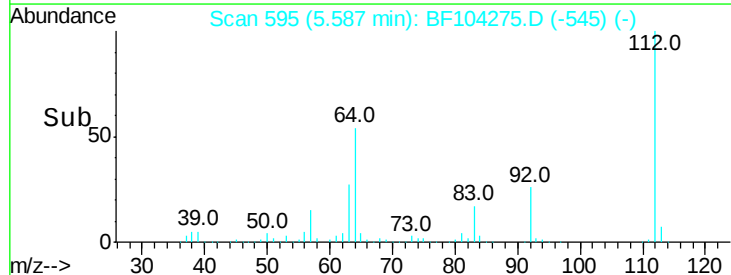
#5

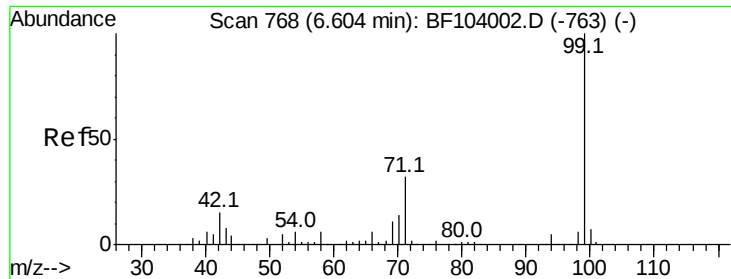
2-Fluorophenol
Concen: 103.175 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF104275.D
Acq: 5 Apr 2018 17:56

Tgt Ion:112 Resp: 688939
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.3 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: 117.791 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104275.D

Acq: 5 Apr 2018 17:56

Instrument :

BNA_F

ClientSampled :

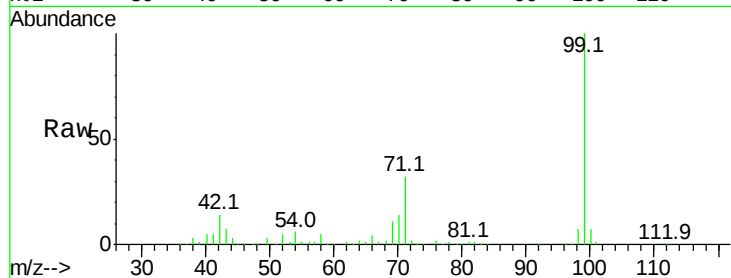
Tot Ion: 99 Resp: 967671

Ion Ratio Lower Upper

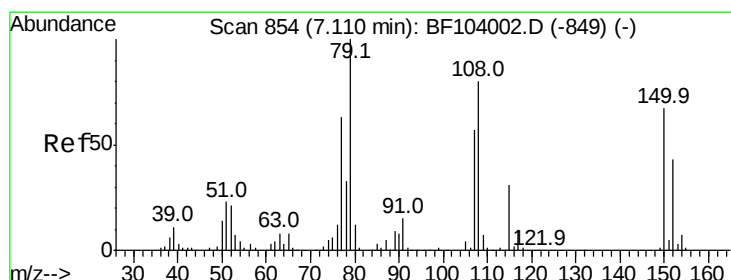
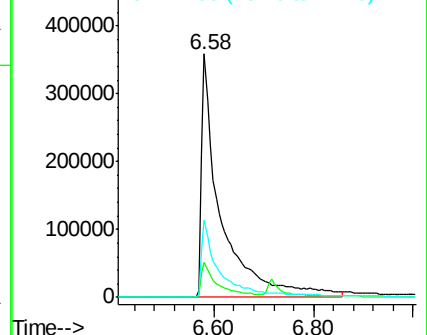
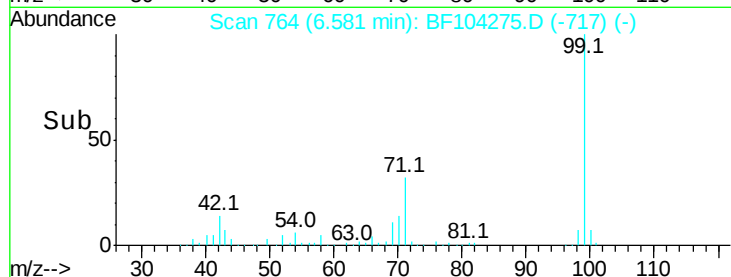
99 100

42 14.2 14.5 21.7#

71 31.6 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: 2.347 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF104275.D

Acq: 5 Apr 2018 17:56

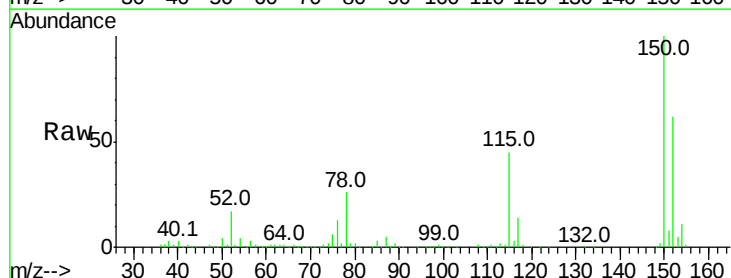
Tgt Ion: 79 Resp: 12536

Ion Ratio Lower Upper

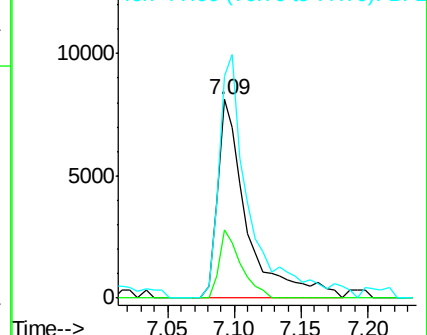
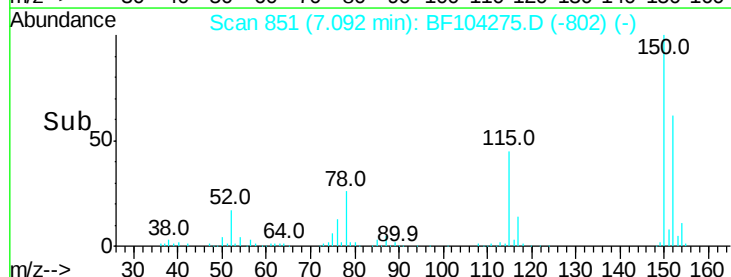
79 100

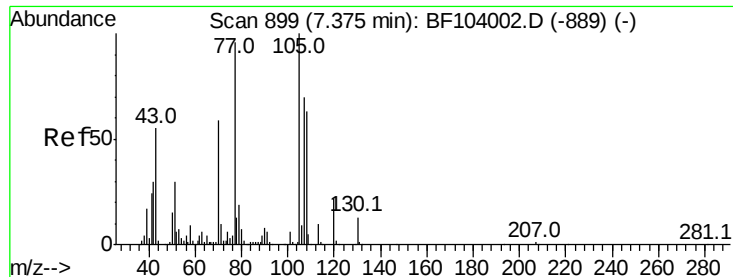
108 34.3 65.1 97.7#

77 111.9 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

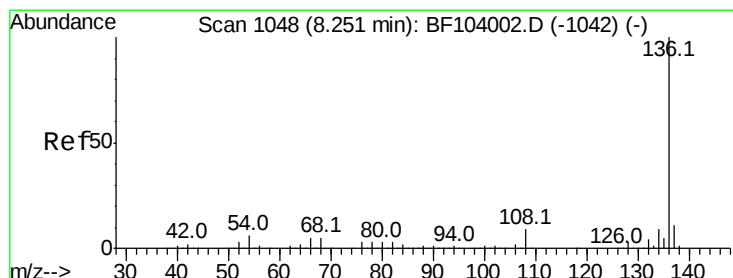
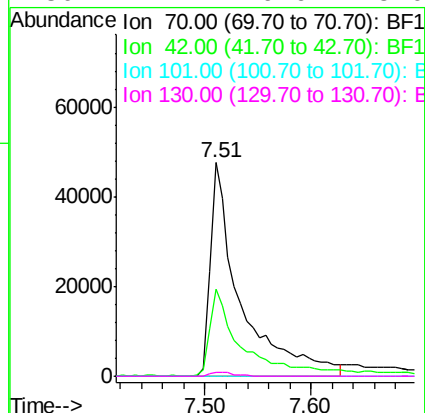
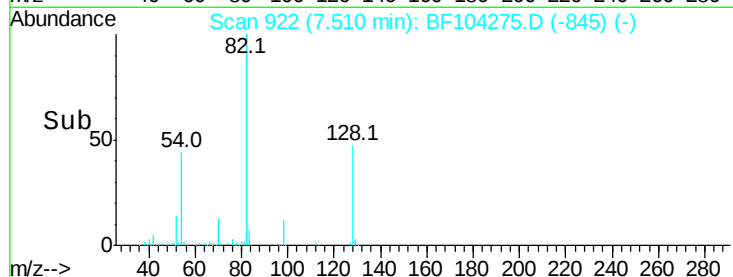
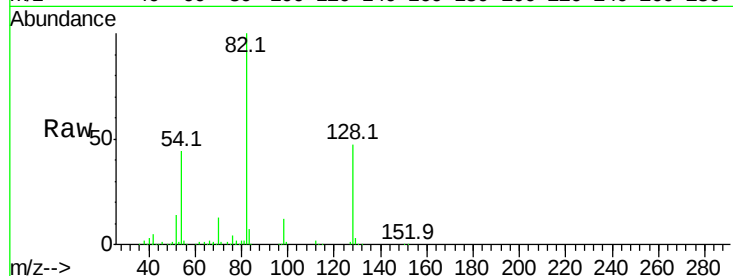




#19
n-Nitroso-di-n-propylamine
Concen: 19.472 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF104275.D
Acq: 5 Apr 2018 17:56

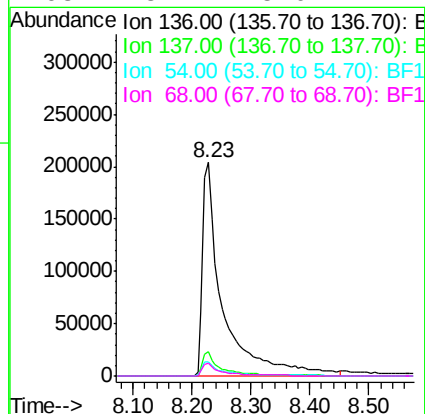
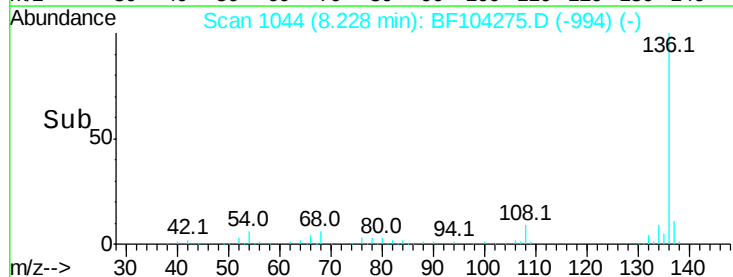
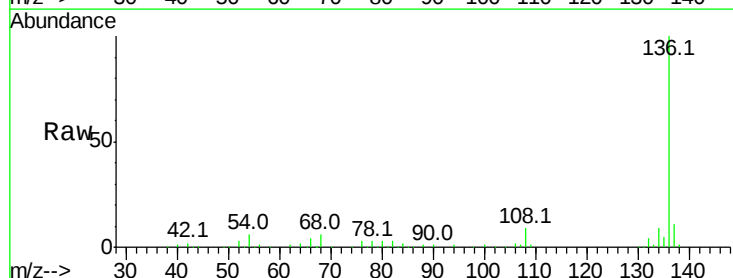
Instrument :
BNA_F
ClientSampleId :

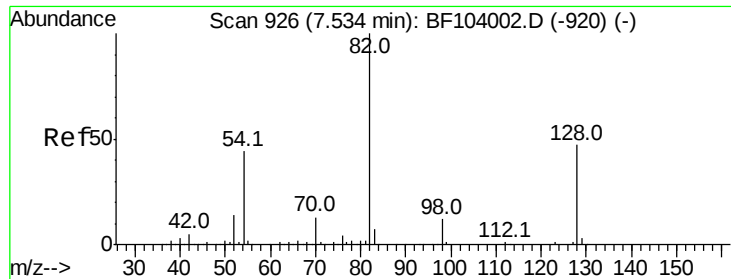
Tot Ion: 70 Resp: 94931
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104275.D
Acq: 5 Apr 2018 17:56

Tgt Ion: 136 Resp: 486091
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.4 6.6 9.8#
68 5.7 5.0 7.4

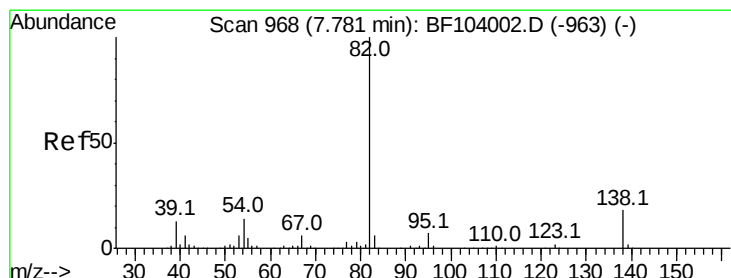
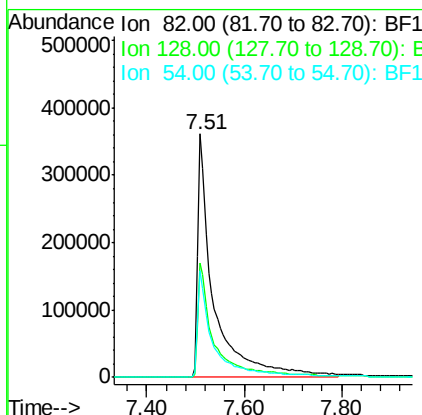
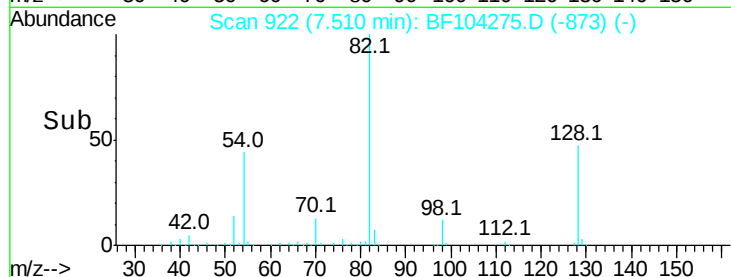
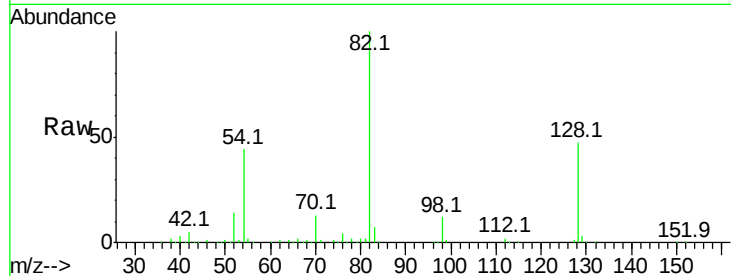




#23
Nitrobenzene-d5
Concen: 105.218 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF104275.D
Acq: 5 Apr 2018 17:56

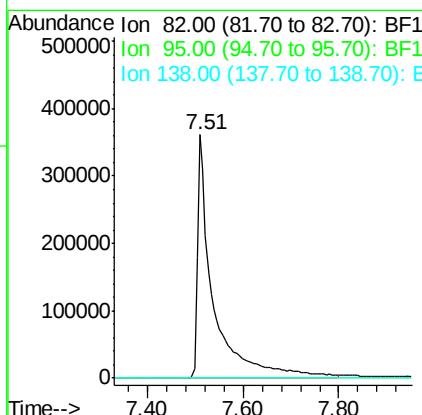
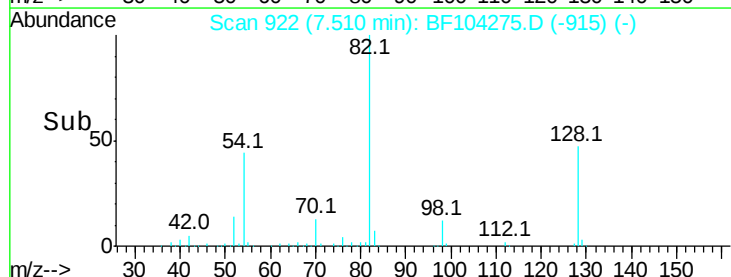
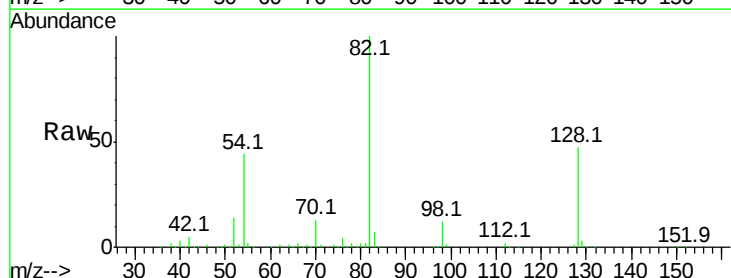
Instrument :
BNA_F
ClientSampled :

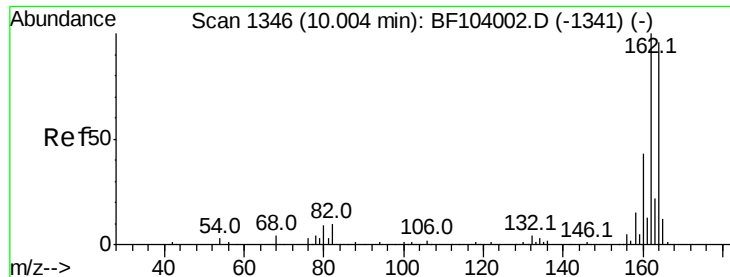
Tot Ion: 82 Resp: 836318
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 44.0 41.4 62.2



#25
Isophorone
Concen: 57.207 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF104275.D
Acq: 5 Apr 2018 17:56

Tgt Ion: 82 Resp: 837987
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

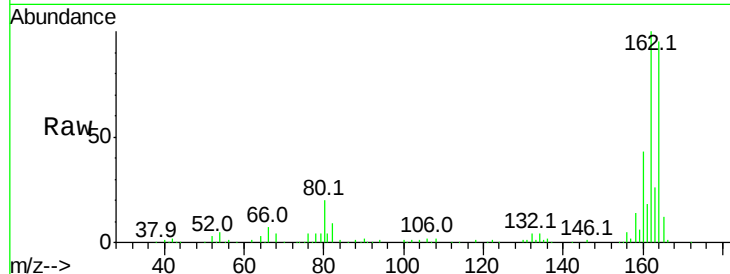




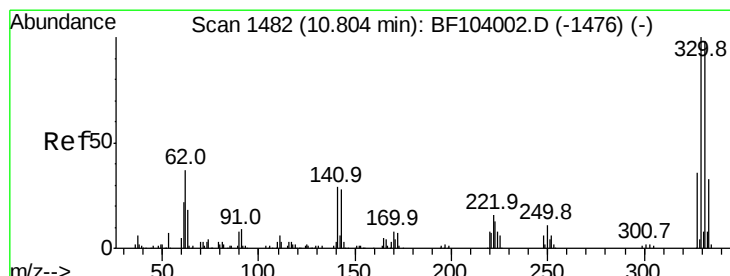
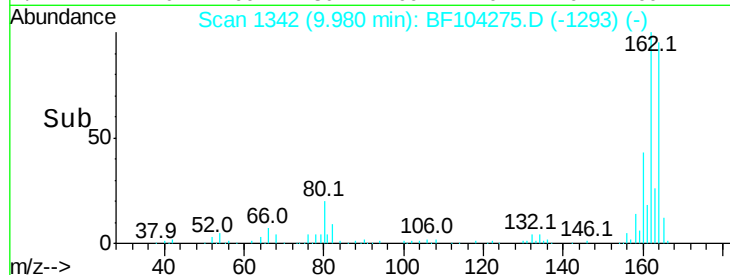
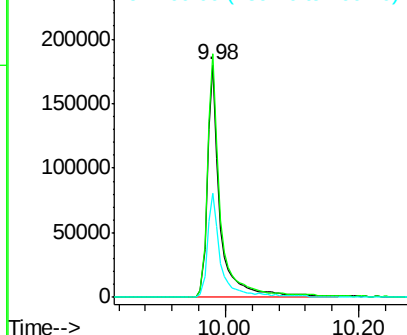
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF104275.D
Acq: 5 Apr 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 241596
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 44.7 38.3 57.5

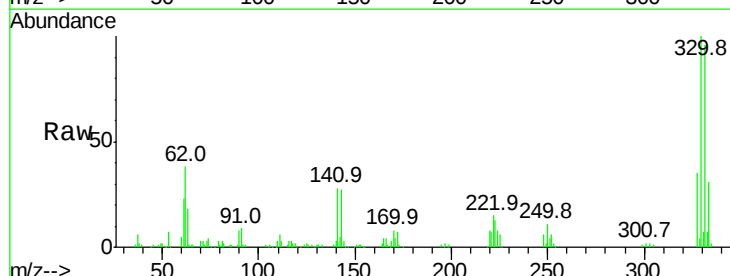


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

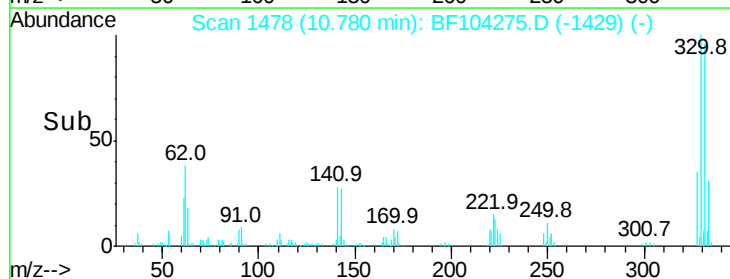
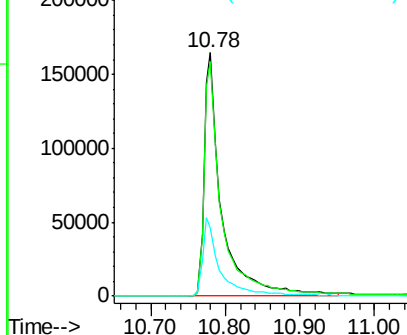


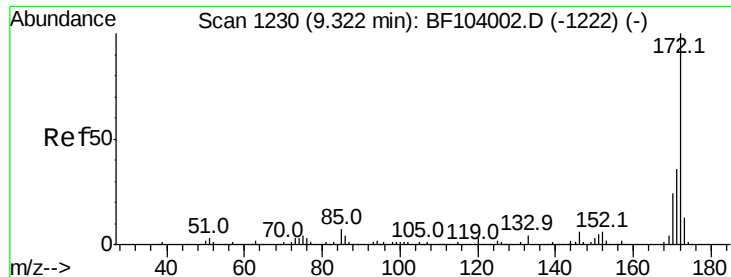
#41
2,4,6-Tribromophenol
Concen: 101.357 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF104275.D
Acq: 5 Apr 2018 17:56

Tgt Ion:330 Resp: 272667
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.6
141 32.1 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



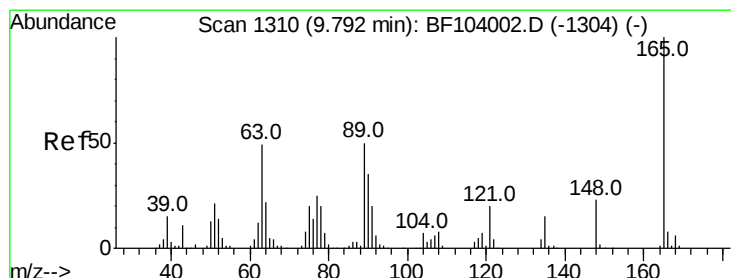
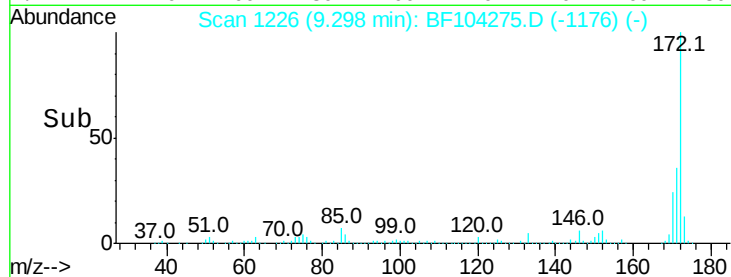
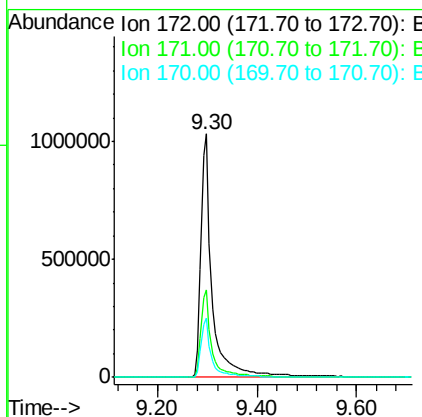
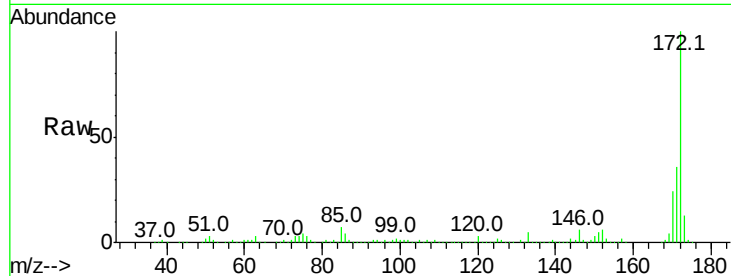


#44
 2-Fluorobiphenyl
 Concen: 106.395 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104275.D
 Acq: 5 Apr 2018 17:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1630059

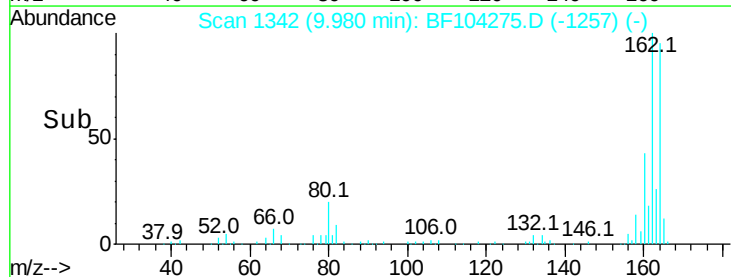
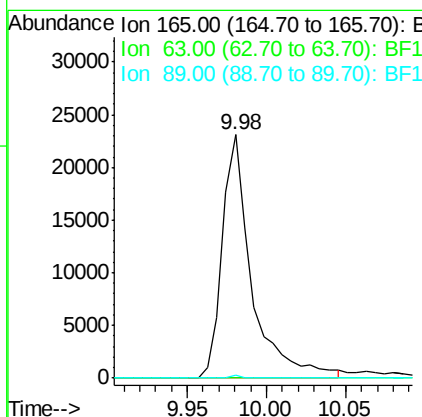
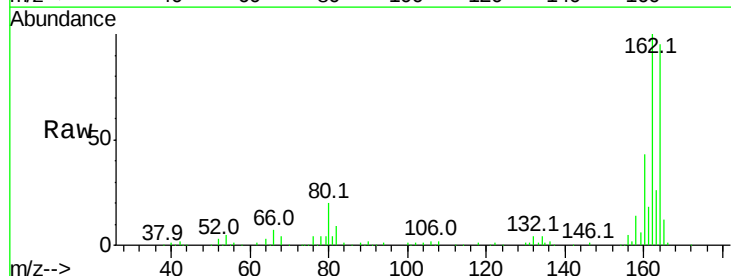
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4

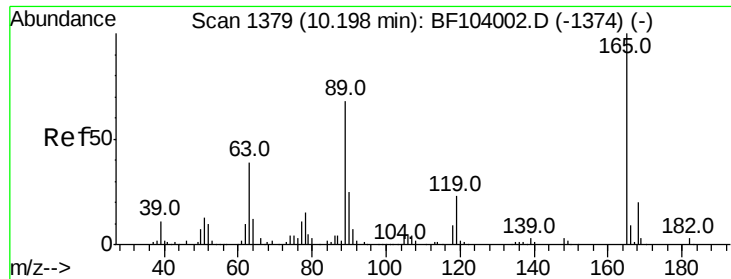


#50
 2,6-Dinitrotoluene
 Concen: 7.257 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.20 min
 Lab File: BF104275.D
 Acq: 5 Apr 2018 17:56

Tgt Ion:165 Resp: 29783

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#

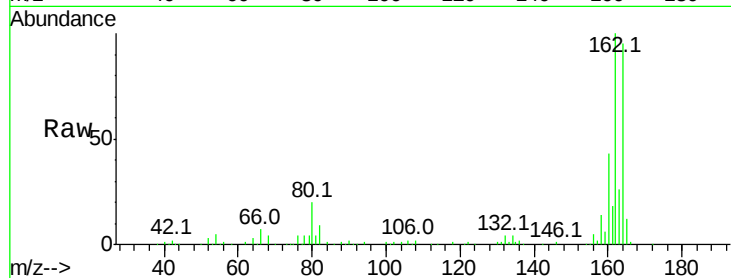




#56
 2,4-Dinitrotoluene
 Concen: 5.754 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104275.D
 Acq: 5 Apr 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	30129
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

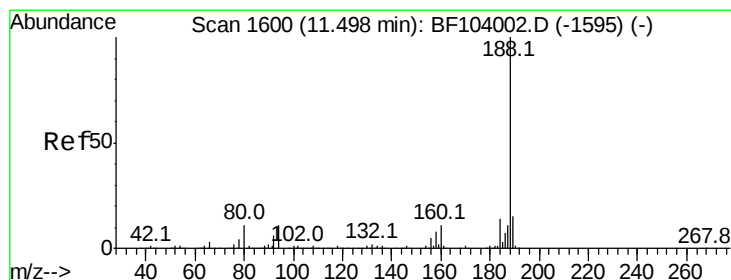
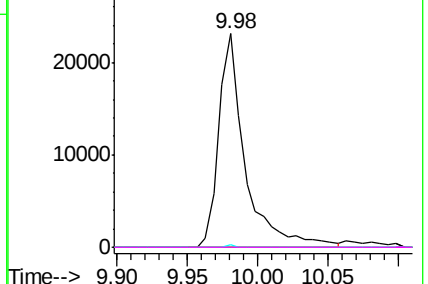
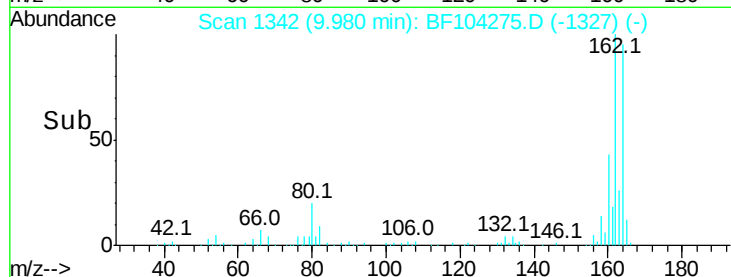


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

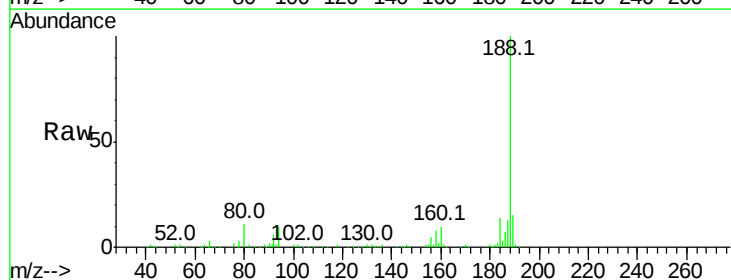
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF104275.D
 Acq: 5 Apr 2018 17:56

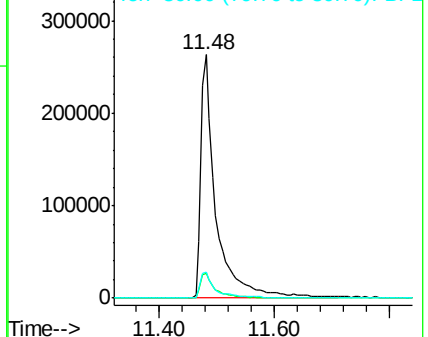
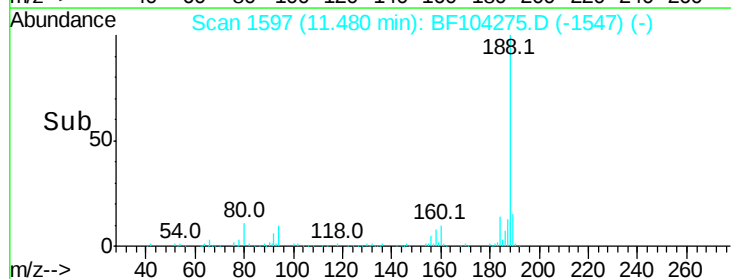
Tgt Ion:	188	Resp:	484805
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8

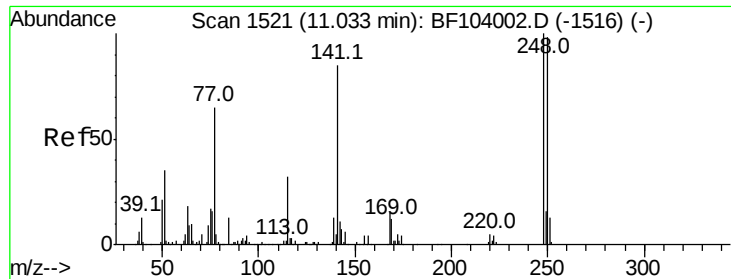


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

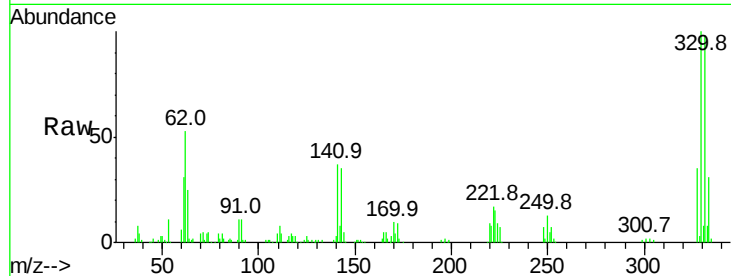




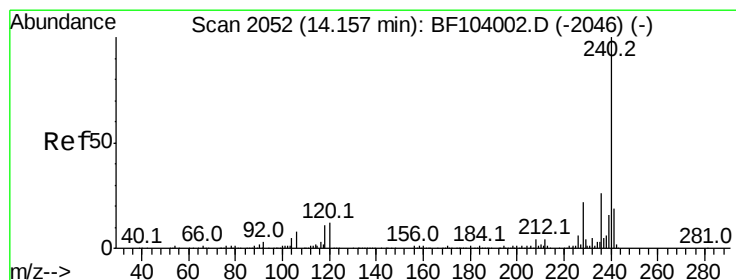
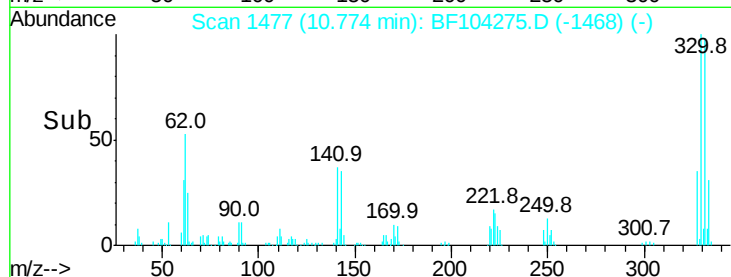
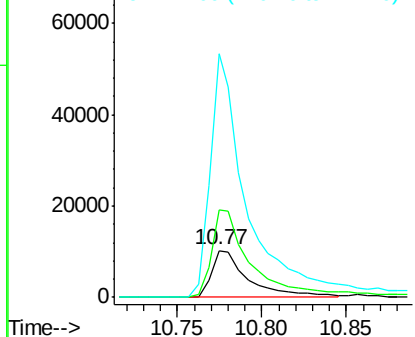
#66
 4-Bromophenyl-phenylether
 Concen: 3.020 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF104275.D
 Acq: 5 Apr 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15662
 Ion Ratio Lower Upper
 248 100
 250 189.3 76.9 115.3#
 141 523.4 74.4 111.6#

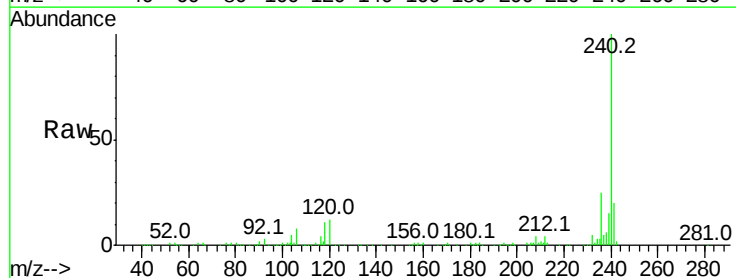


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

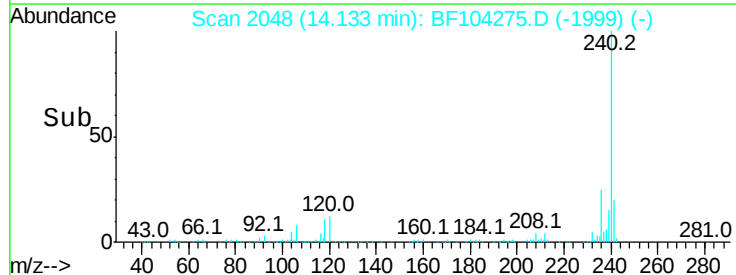
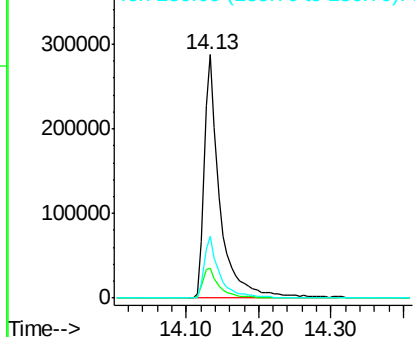


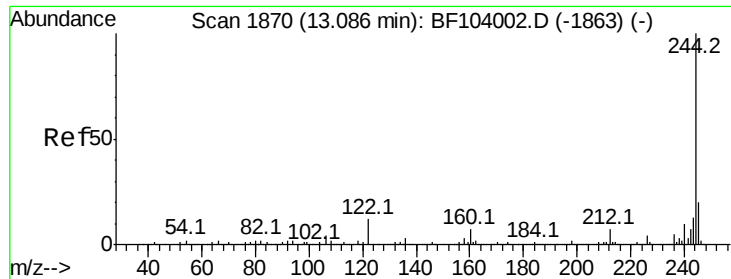
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF104275.D
 Acq: 5 Apr 2018 17:56

Tgt Ion:240 Resp: 431706
 Ion Ratio Lower Upper
 240 100
 120 12.3 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: 86.647 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104275.D

Acq: 5 Apr 2018 17:56

Instrument :

BNA_F

ClientSampleId :

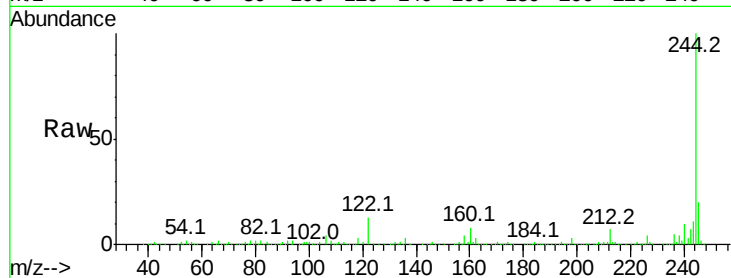
Tot Ion:244 Resp: 1620046

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

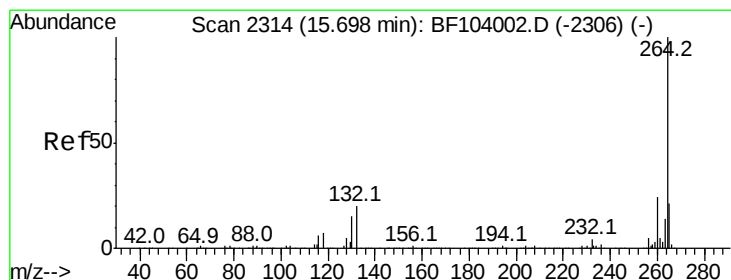
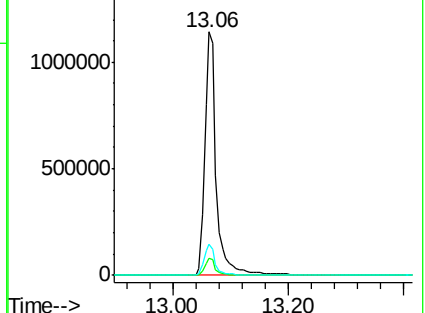
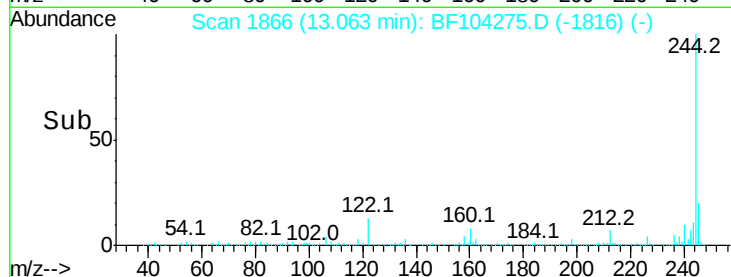
122 12.8 11.0 16.4



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: 15.66 min Scan# 2308

Delta R.T. -0.02 min

Lab File: BF104275.D

Acq: 5 Apr 2018 17:56

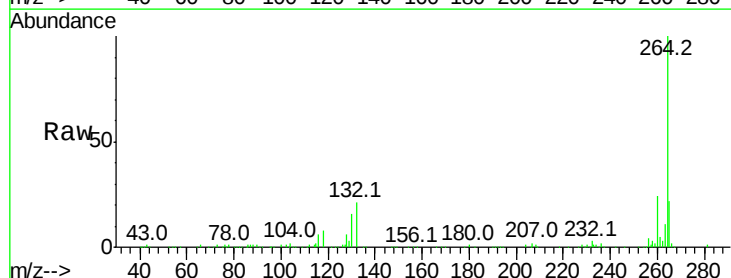
Tgt Ion:264 Resp: 377411

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 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

