

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104276.D
 Acq On : 5 Apr 2018 18:22
 Operator : JU/SJ
 Sample : J2183-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:08:18 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

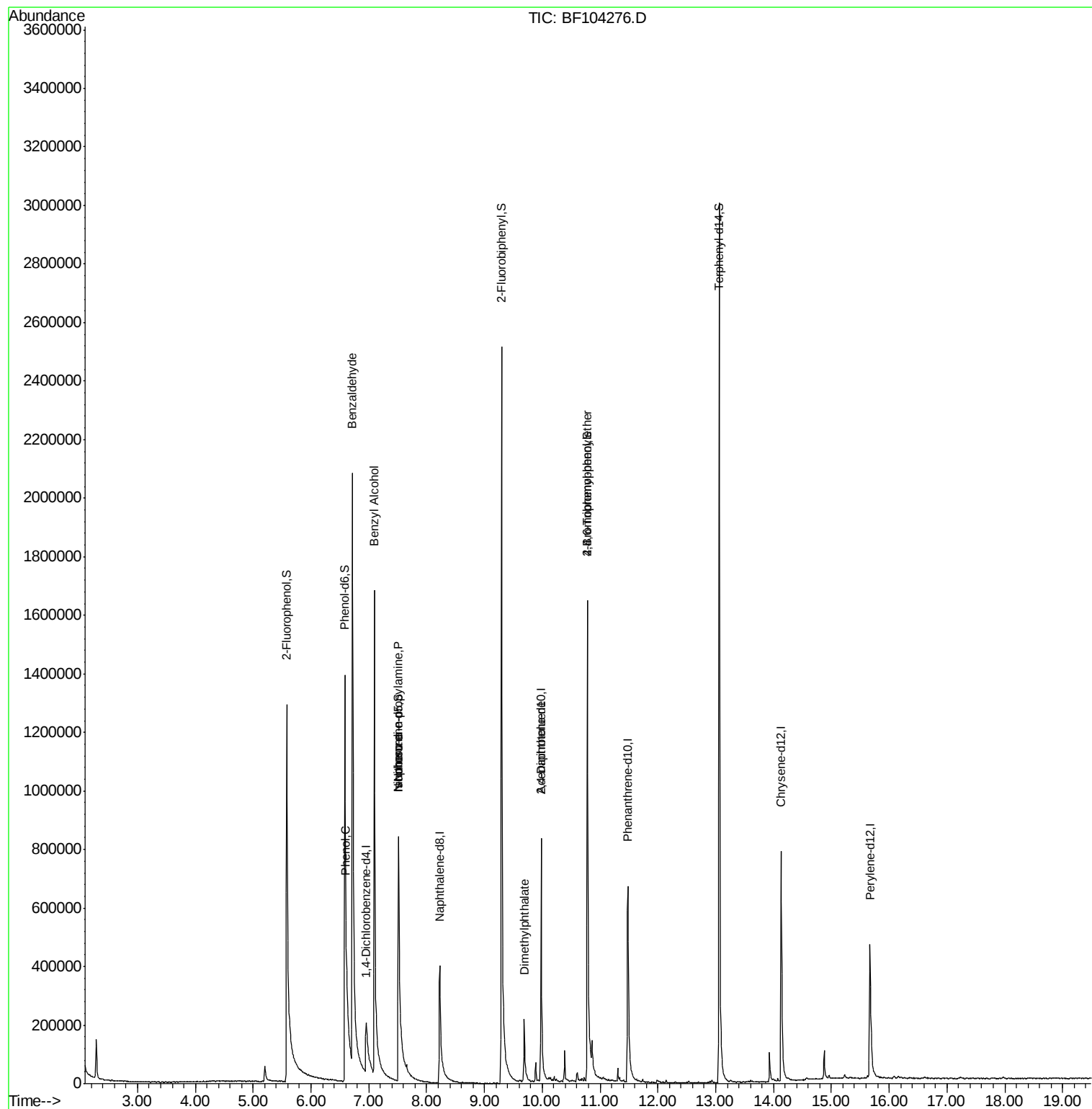
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105416	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	491373	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	245965	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	474791	20.00	ng	0.00
75) Chrysene-d12	14.13	240	427457	20.00	ng	-0.01
86) Perylene-d12	15.67	264	351357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	908907	137.50	ng	-0.01
7) Phenol-d6	6.59	99	1182329	145.38	ng	-0.02
23) Nitrobenzene-d5	7.51	82	776556	96.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	371283	135.56	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1392741	89.29	ng	0.00
78) Terphenyl-d14	13.06	244	1415500	76.46	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.72	77	19555	3.159	ng	87
10) Phenol	6.61	94	42347	4.700	ng	# 32
15) Benzyl Alcohol	7.09	79	11334	2.143	ng	# 42
19) n-Nitroso-di-n-propylamine	7.51	70	88484	18.334	ng	# 73
25) Isophorone	7.51	82	796298	53.777	ng	# 64
49) Dimethylphthalate	9.69	163	153644	7.912	ng	98
56) 2,4-Dinitrotoluene	9.98	165	30666	5.752	ng	# 23
66) 4-Bromophenyl-phenylether	10.78	248	21355	4.204	ng	# 1

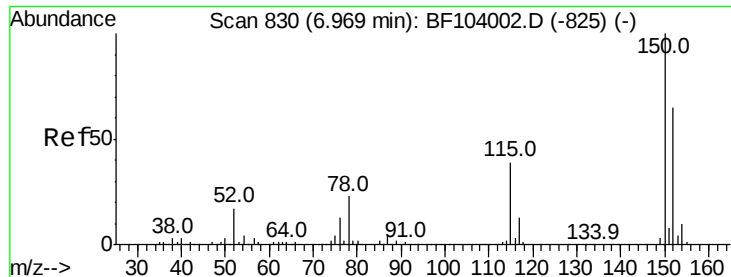
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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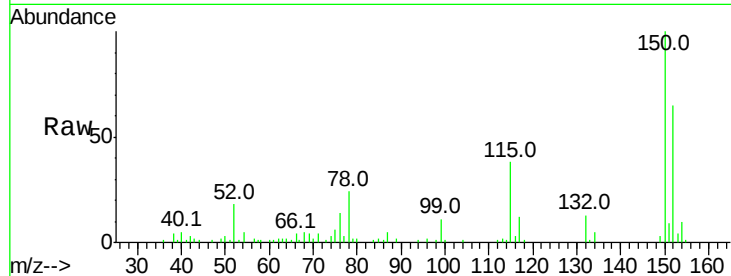


#1

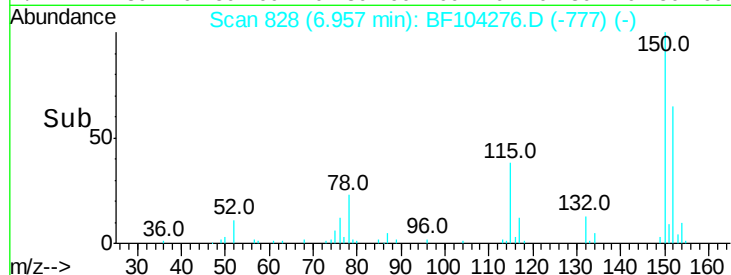
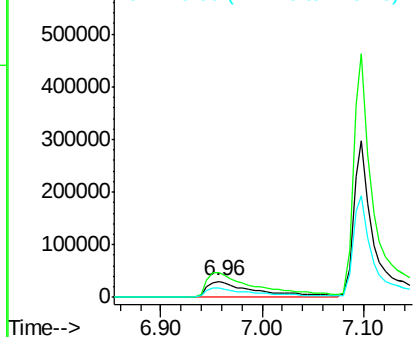
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104276.D
Acq: 5 Apr 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105416
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 58.5 50.1 75.1



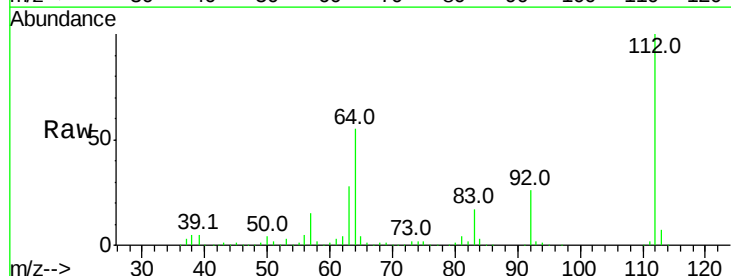
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



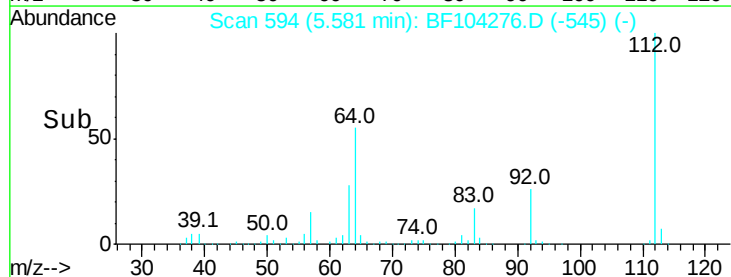
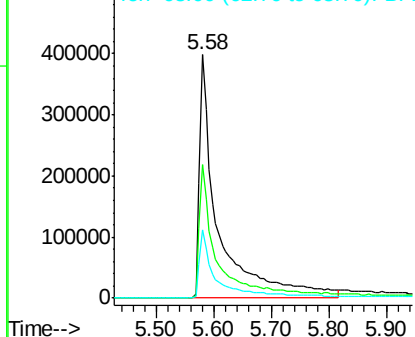
#5

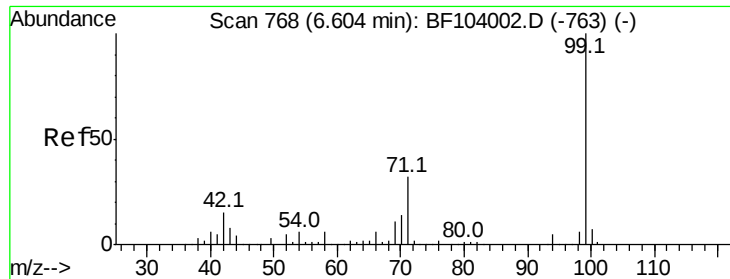
2-Fluorophenol
Concen: 137.501 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104276.D
Acq: 5 Apr 2018 18:22

Tgt Ion:112 Resp: 908907
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 27.8 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: 145.383 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF104276.D

Acq: 5 Apr 2018 18:22

Instrument :

BNA_F

ClientSampled :

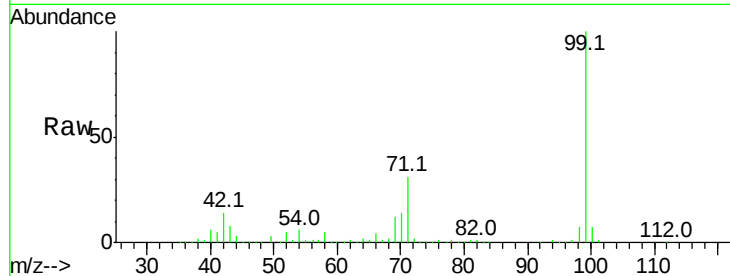
Tot Ion: 99 Resp: 1182329

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

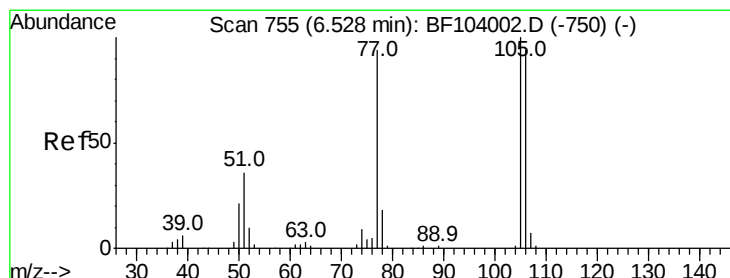
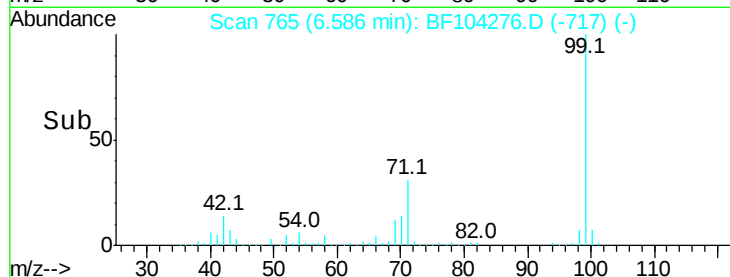
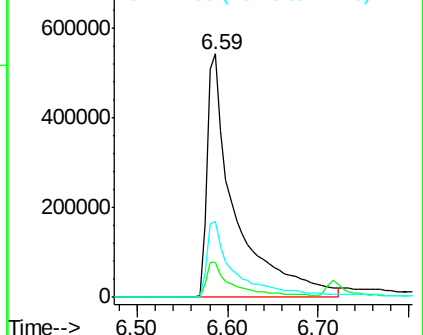
71 31.3 25.4 38.0



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: 3.159 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.20 min

Lab File: BF104276.D

Acq: 5 Apr 2018 18:22

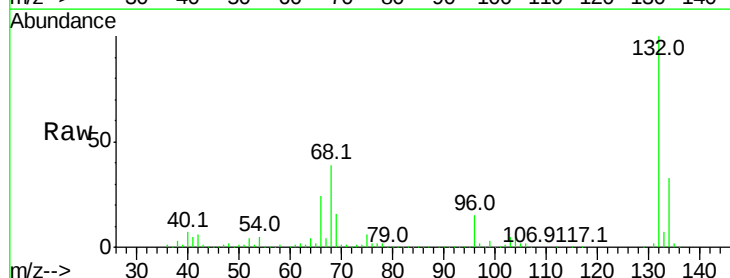
Tgt Ion: 77 Resp: 19555

Ion Ratio Lower Upper

77 100

105 82.9 81.1 121.1

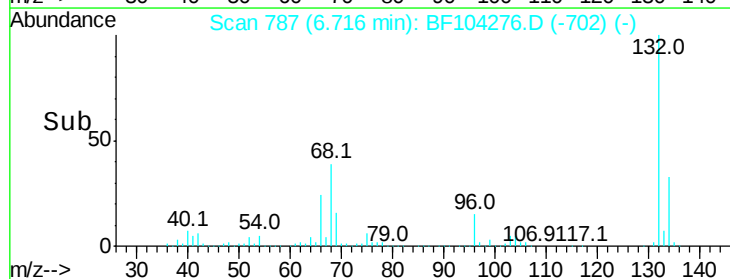
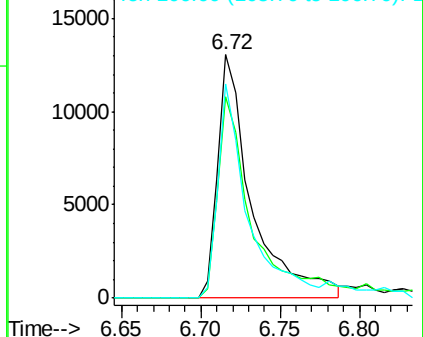
106 88.0 74.5 114.5

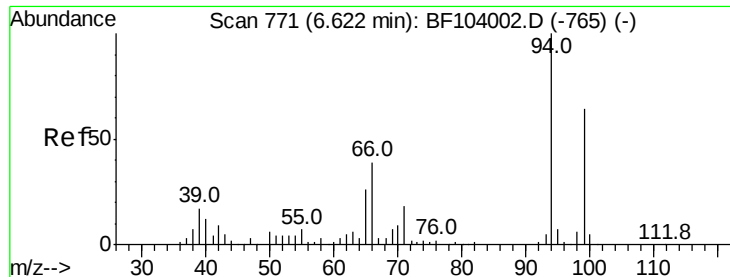


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.700 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104276.D

Acq: 5 Apr 2018 18:22

Instrument :

BNA_F

ClientSampleId :

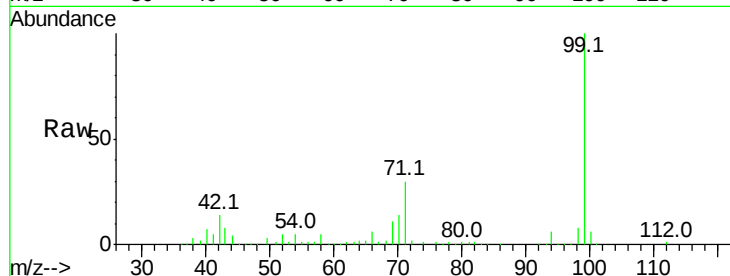
Tot Ion: 94 Resp: 42347

Ion Ratio Lower Upper

94 100

65 34.5 7.9 47.9

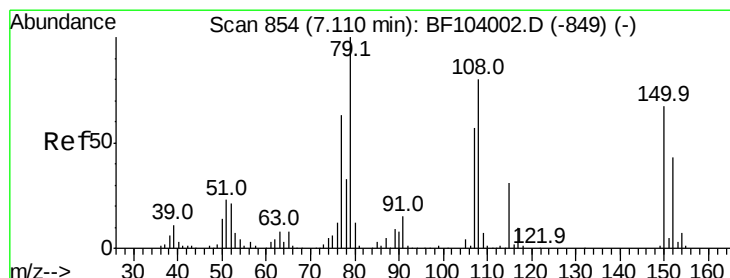
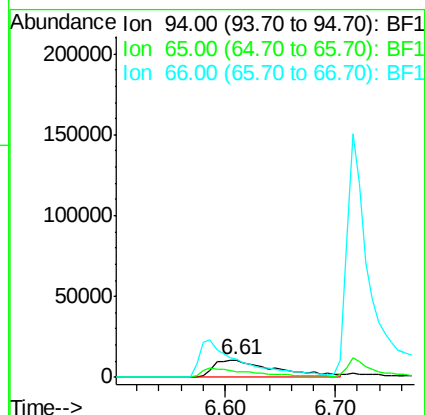
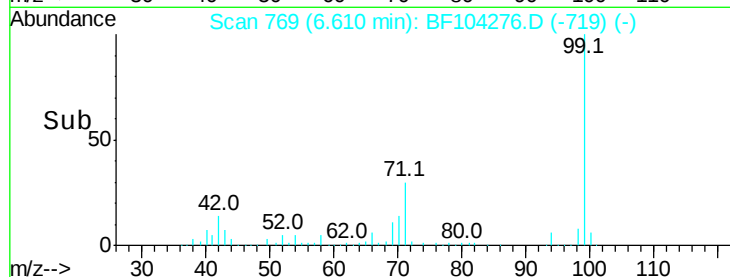
66 101.4 16.2 56.2#



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



#15

Benzyl Alcohol

Concen: 2.143 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF104276.D

Acq: 5 Apr 2018 18:22

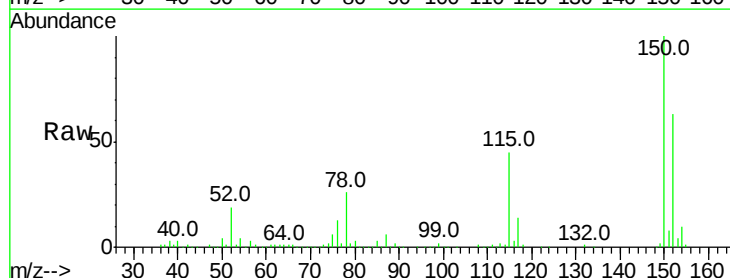
Tgt Ion: 79 Resp: 11334

Ion Ratio Lower Upper

79 100

108 33.0 65.1 97.7#

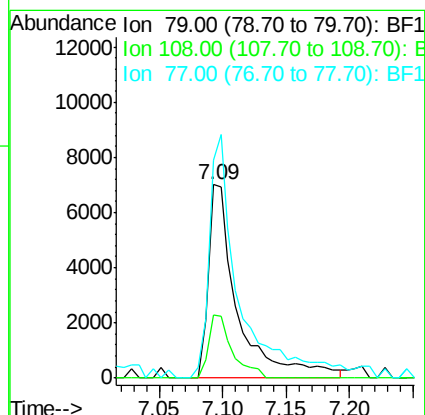
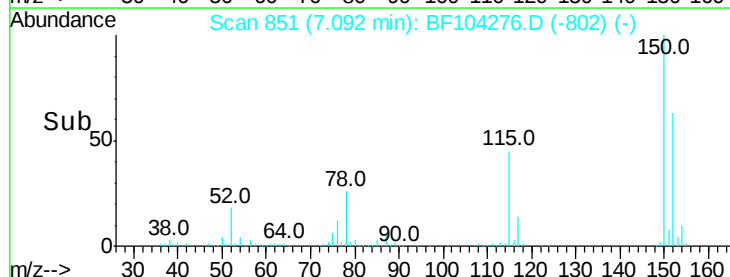
77 112.8 50.6 75.8#

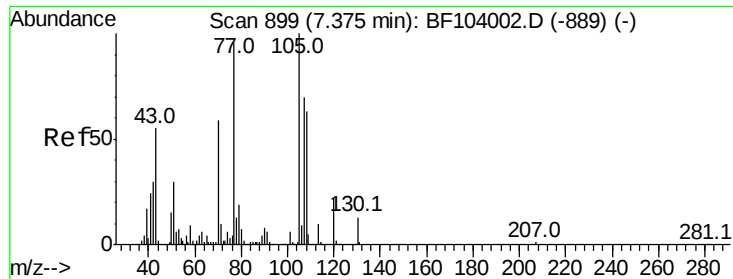


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

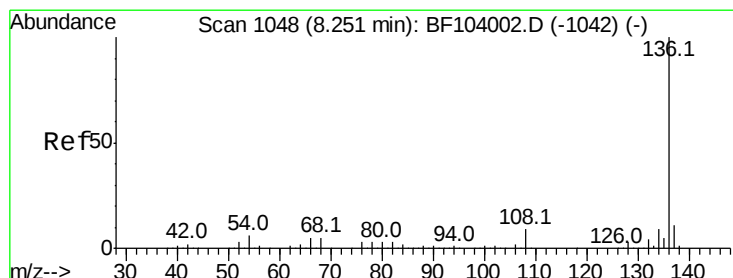
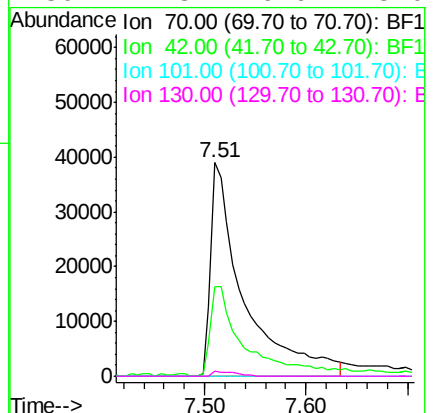
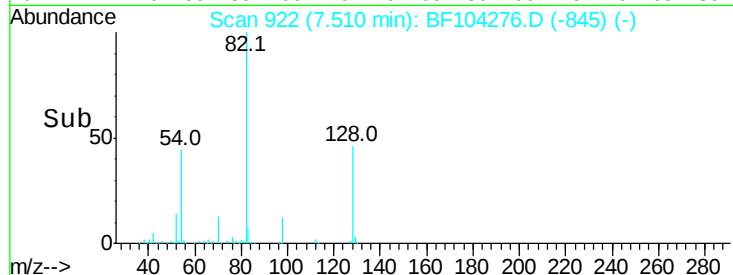
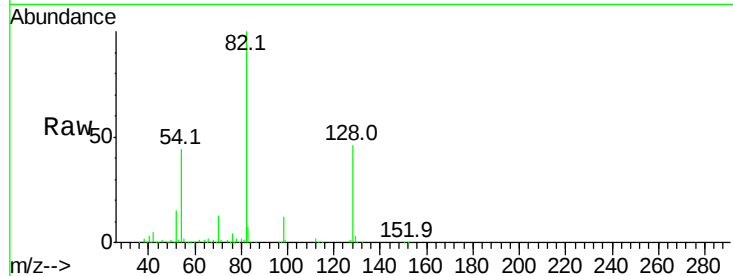




#19
n-Nitroso-di-n-propylamine
Concen: 18.334 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF104276.D
Acq: 5 Apr 2018 18:22

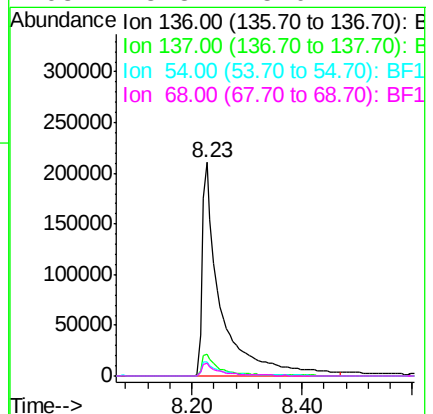
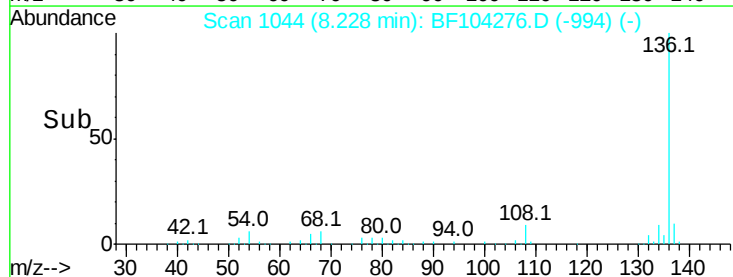
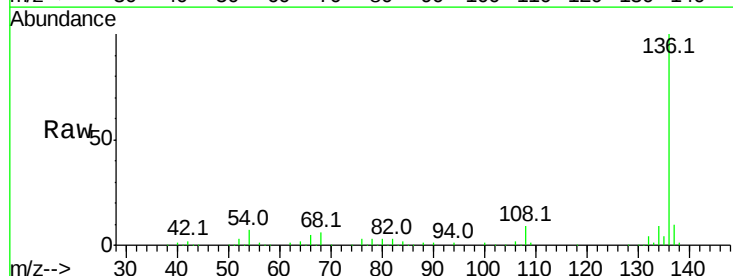
Instrument :
BNA_F
ClientSampleId :

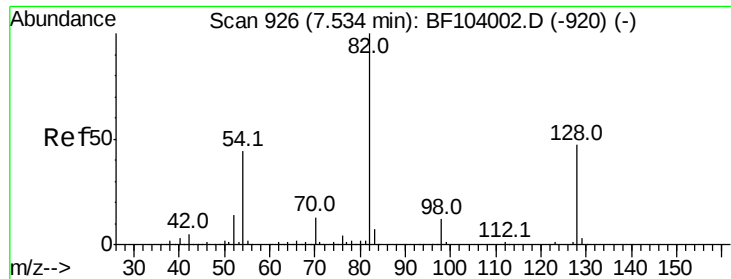
Tot Ion: 70 Resp: 88484
Ion Ratio Lower Upper
70 100
42 42.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104276.D
Acq: 5 Apr 2018 18:22

Tgt Ion: 136 Resp: 491373
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.6 6.6 9.8
68 5.8 5.0 7.4

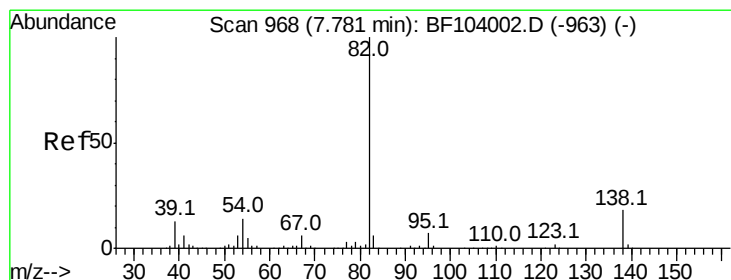
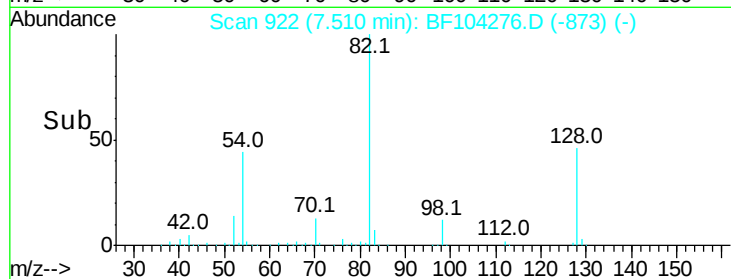
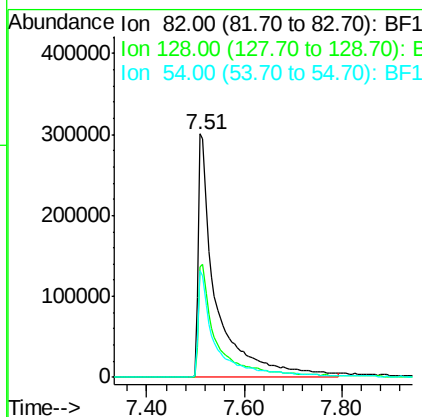
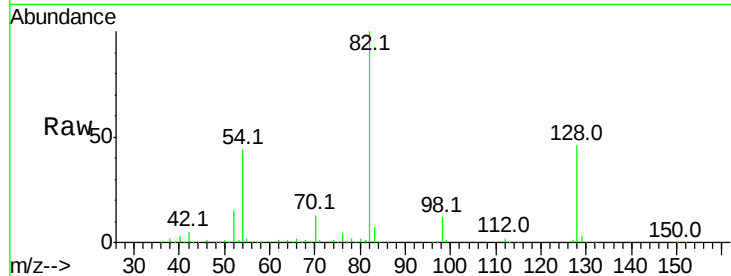




#23
 Nitrobenzene-d5
 Concen: 96.649 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF104276.D
 Acq: 5 Apr 2018 18:22

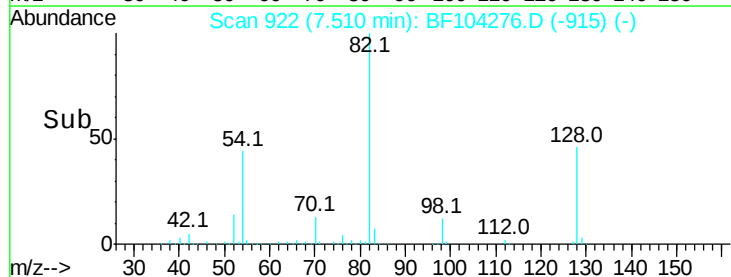
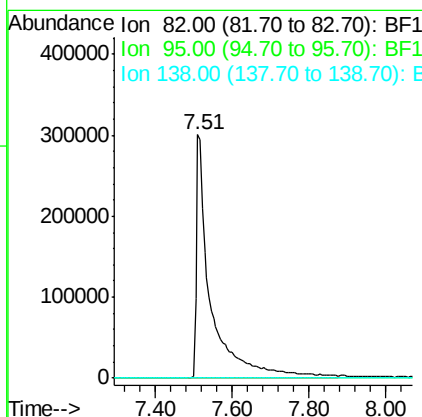
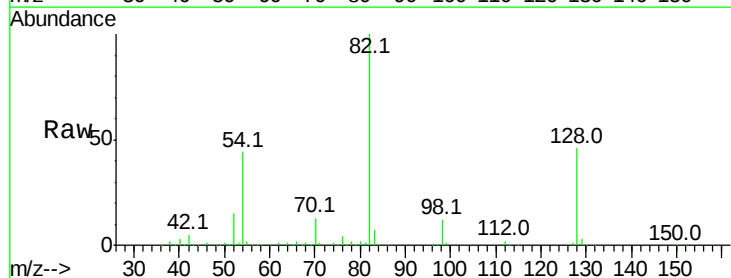
Instrument :
 BNA_F
 ClientSampleId :

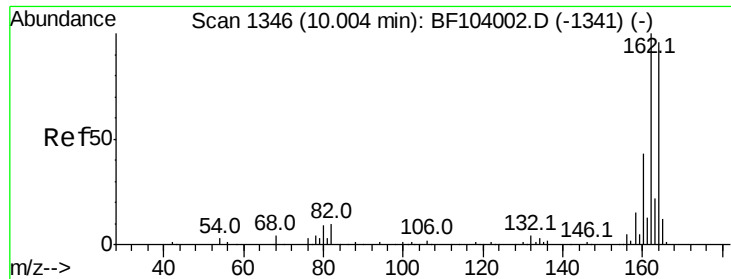
Tot Ion	82	Resp	776556
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	43.8	41.4	62.2



#25
 Isophorone
 Concen: 53.777 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF104276.D
 Acq: 5 Apr 2018 18:22

Tgt Ion	82	Resp	796298
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

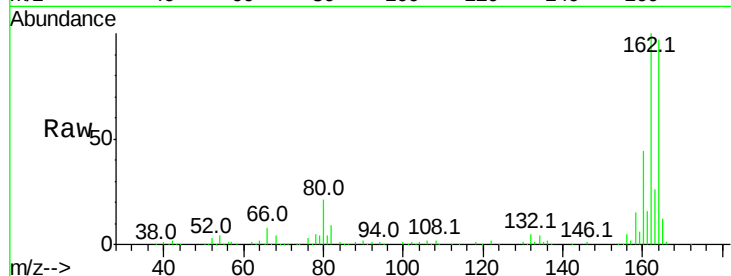




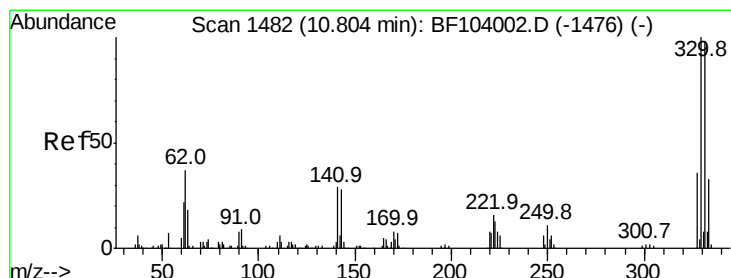
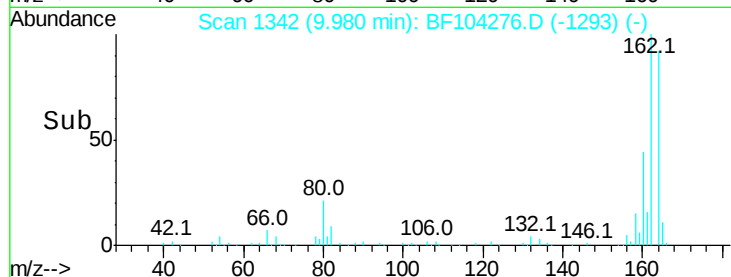
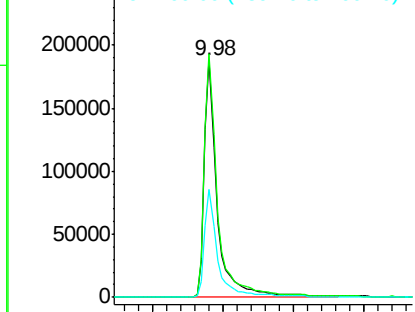
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104276.D
 Acq: 5 Apr 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 245965
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.6 38.3 57.5

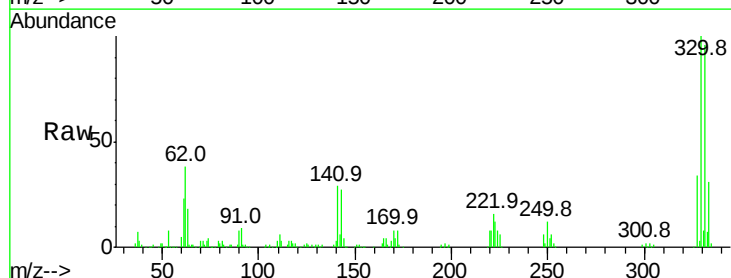


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

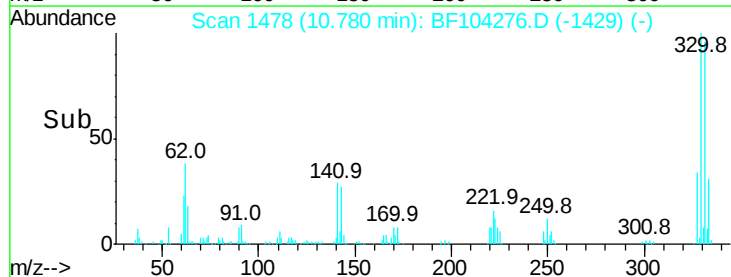
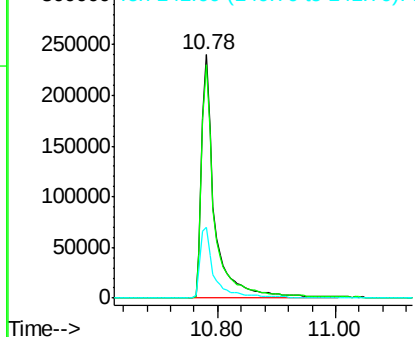


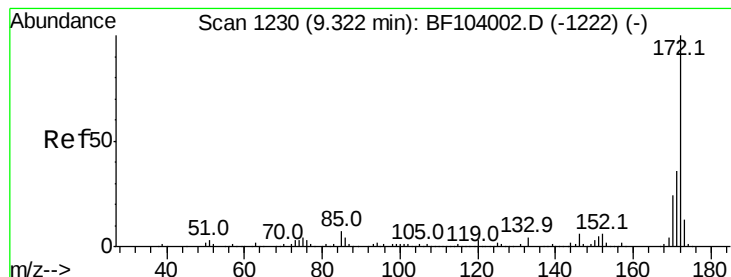
#41
 2,4,6-Tribromophenol
 Concen: 135.563 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104276.D
 Acq: 5 Apr 2018 18:22

Tgt Ion:330 Resp: 371283
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 29.0 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: 89.291 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF104276.D

Acq: 5 Apr 2018 18:22

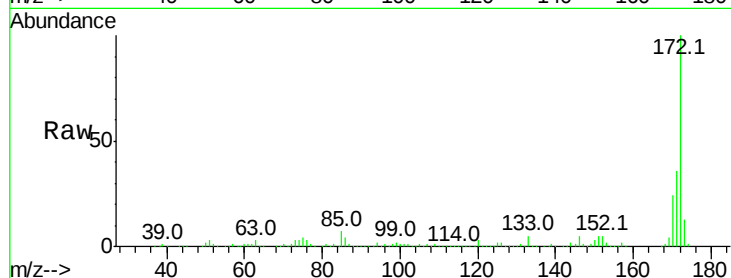
Instrument :

BNA_F

ClientSampled :

Tot Ion:172 Resp: 1392741

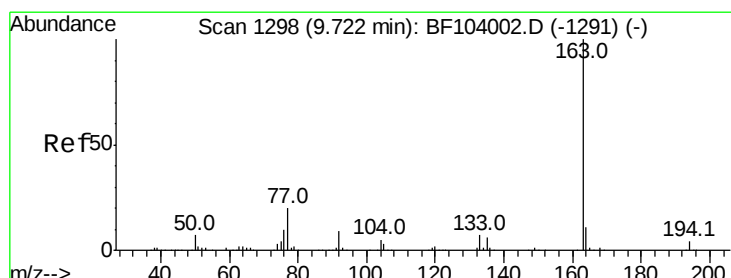
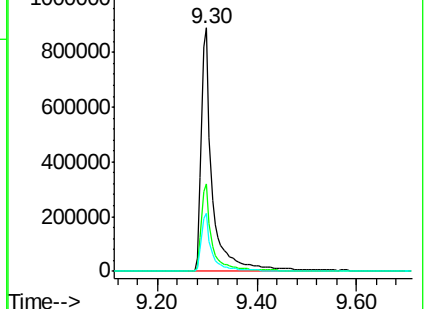
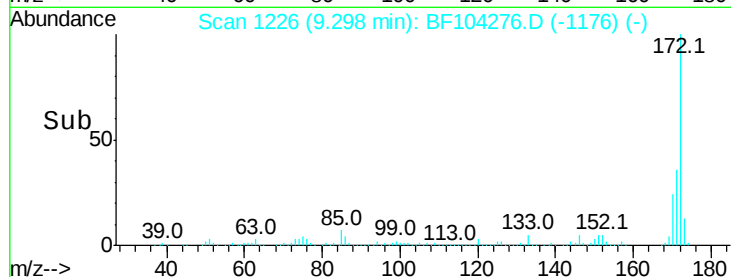
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4



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: 7.912 ng

RT: 9.69 min Scan# 1292

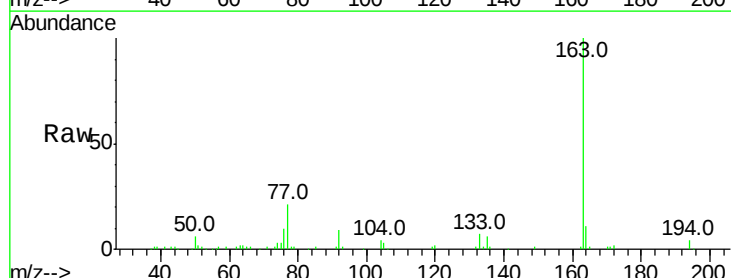
Delta R.T. -0.02 min

Lab File: BF104276.D

Acq: 5 Apr 2018 18:22

Tgt Ion:163 Resp: 153644

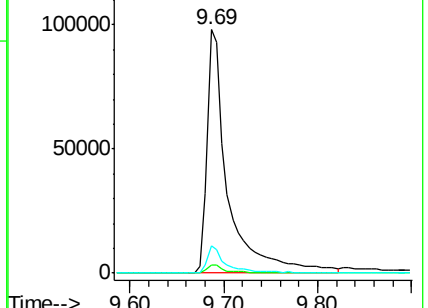
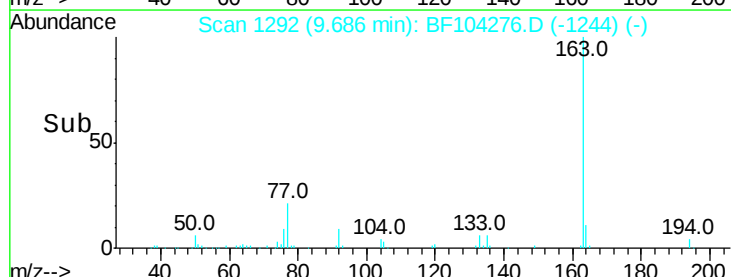
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.3	8.2	12.2

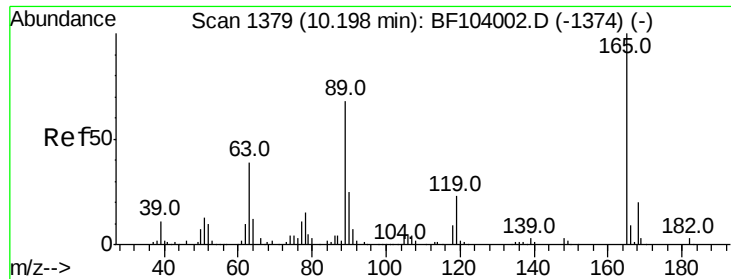


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

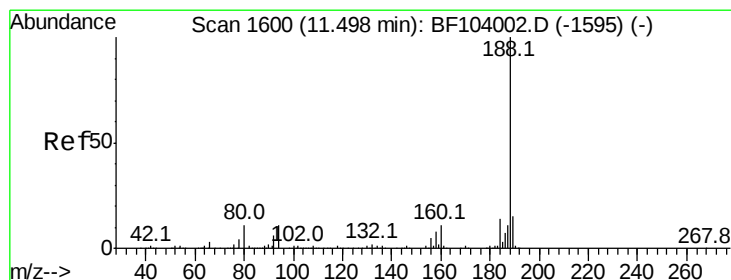
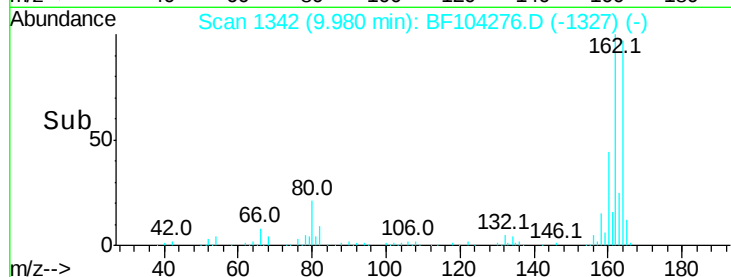
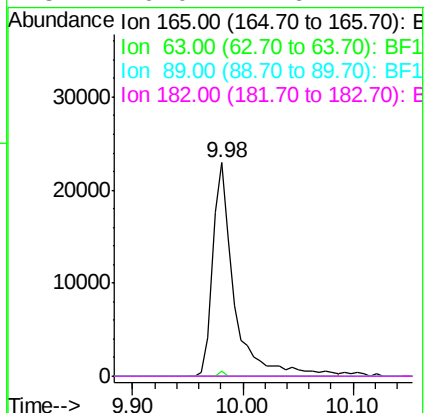
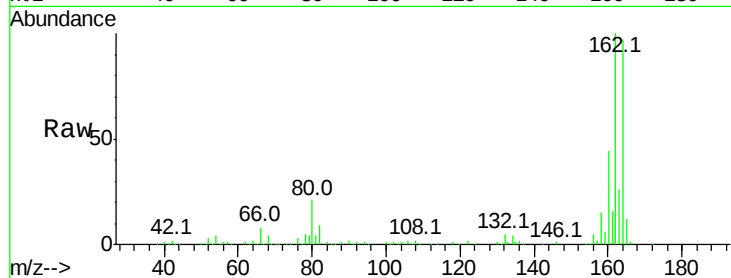




#56
2,4-Dinitrotoluene
Concen: 5.752 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF104276.D
Acq: 5 Apr 2018 18:22

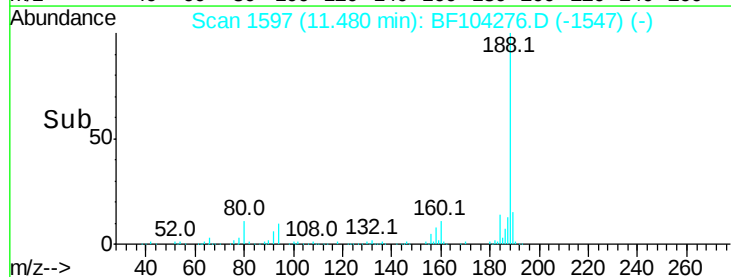
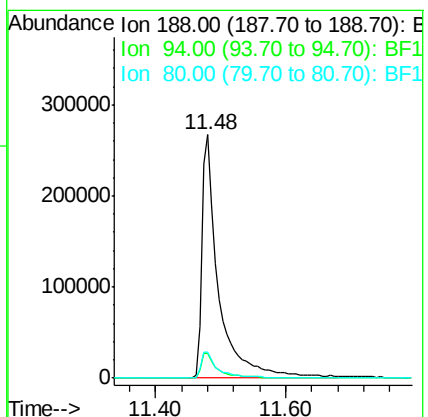
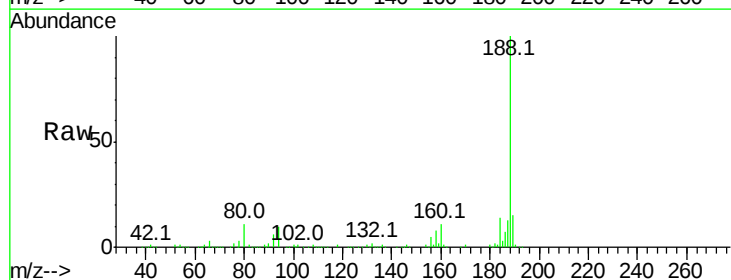
Instrument :
BNA_F
ClientSampleId :

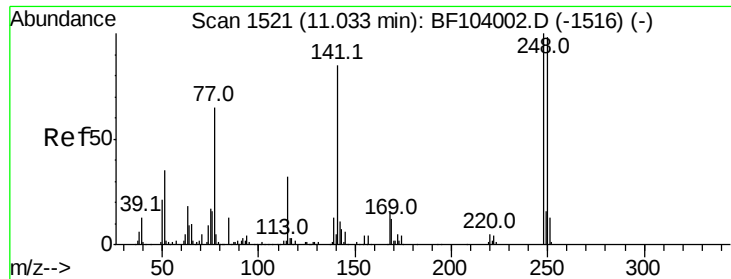
Tot Ion:165 Resp: 30666
Ion Ratio Lower Upper
165 100
63 2.3 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104276.D
Acq: 5 Apr 2018 18:22

Tgt Ion:188 Resp: 474791
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8

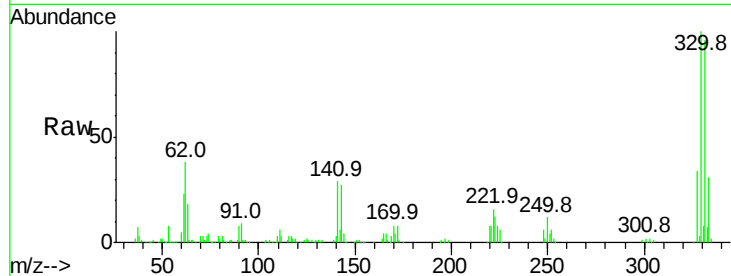




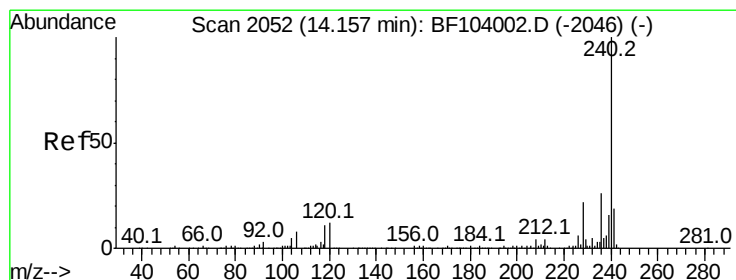
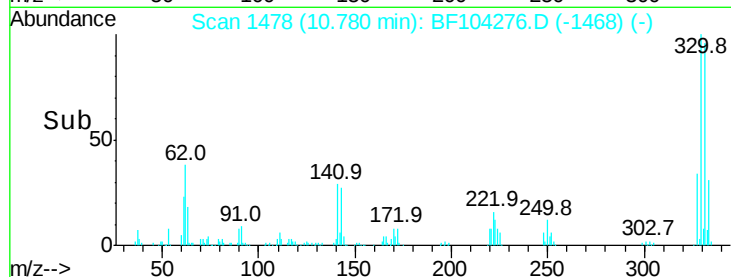
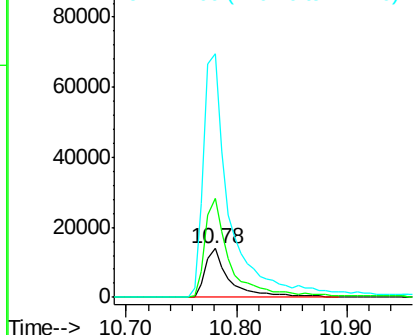
#66
4-Bromophenyl-phenylether
Concen: 4.204 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104276.D
Acq: 5 Apr 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21355
Ion Ratio Lower Upper
248 100
250 202.4 76.9 115.3#
141 499.3 74.4 111.6#

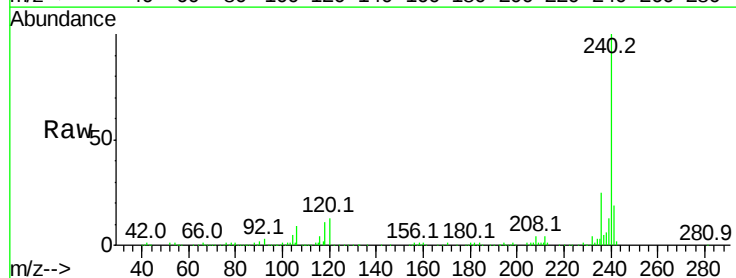


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

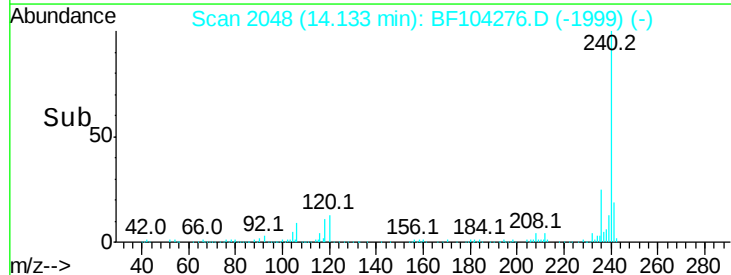
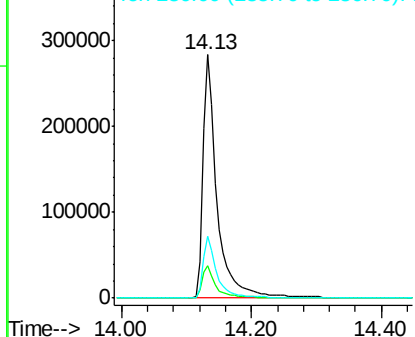


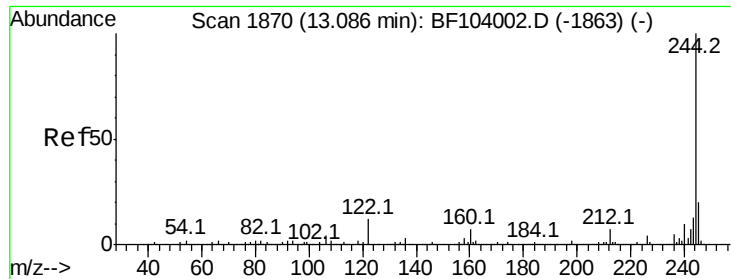
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF104276.D
Acq: 5 Apr 2018 18:22

Tgt Ion:240 Resp: 427457
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.3 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

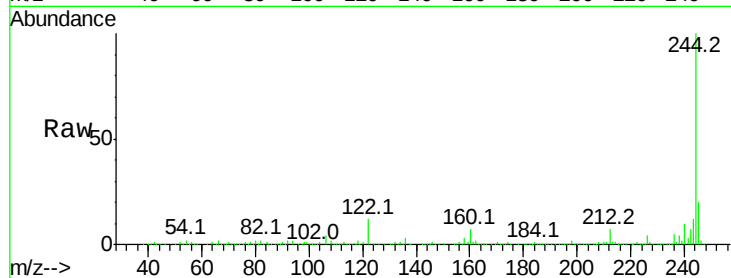




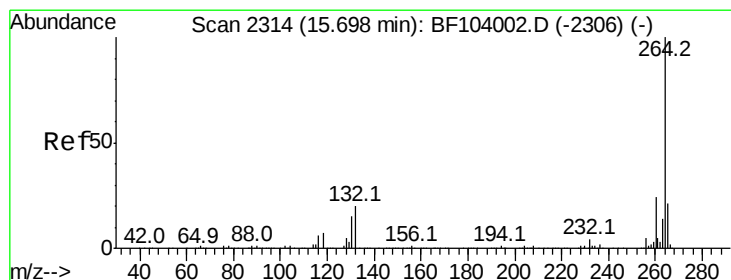
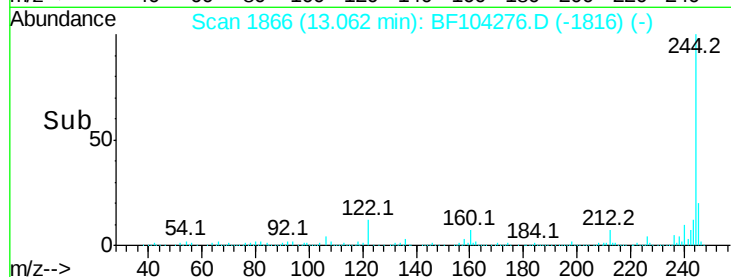
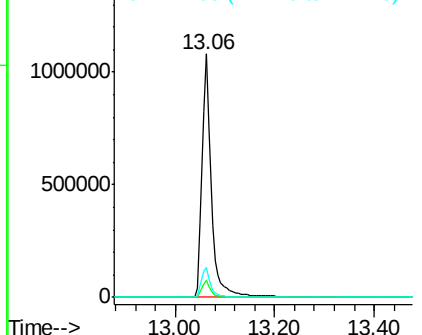
#78
 Terphenyl-d14
 Concen: 76.460 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104276.D
 Acq: 5 Apr 2018 18:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1415500
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.4 11.0 16.4

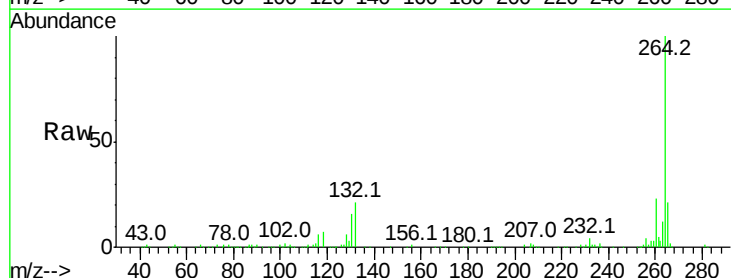


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104276.D
 Acq: 5 Apr 2018 18:22

Tgt Ion:264 Resp: 351357
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.5 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

