

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104295.D
 Acq On : 6 Apr 2018 2:42
 Operator : JU/SJ
 Sample : J2227-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 03:13:57 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

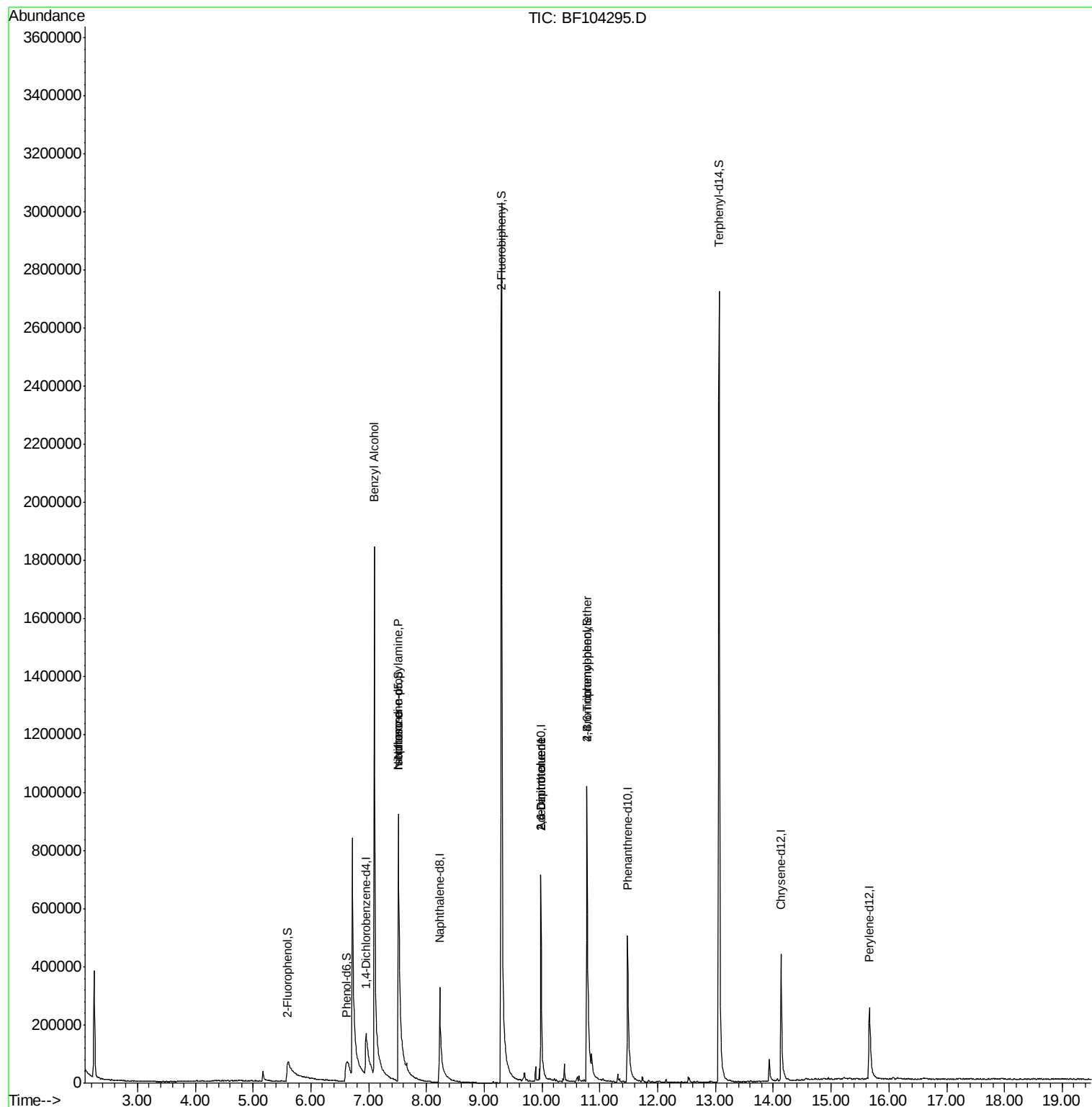
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99305	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	464928	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	215239	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	407896	20.00	ng	0.00
75) Chrysene-d12	14.13	240	278705	20.00	ng	-0.01
86) Perylene-d12	15.66	264	219675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	130462	20.95	ng	0.00
7) Phenol-d6	6.61	99	204975	26.76	ng	0.00
23) Nitrobenzene-d5	7.52	82	830089	109.19	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	245343	102.37	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	1606115	117.67	ng	0.00
78) Terphenyl-d14	13.06	244	1351703	111.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	12027	2.415	ng	# 45
19) n-Nitroso-di-n-propylamine	7.52	70	89843	19.761	ng	# 74
25) Isophorone	7.52	82	836047	59.673	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	26103	7.140	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	27914	5.983	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	14484	3.319	ng	# 1

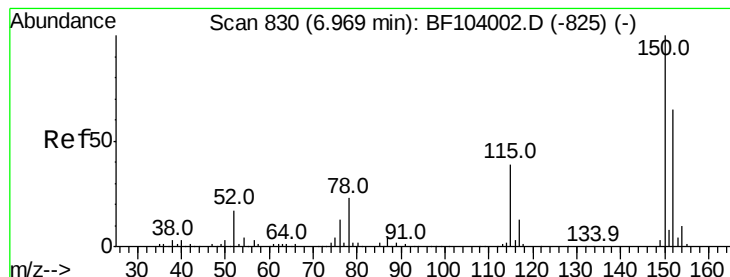
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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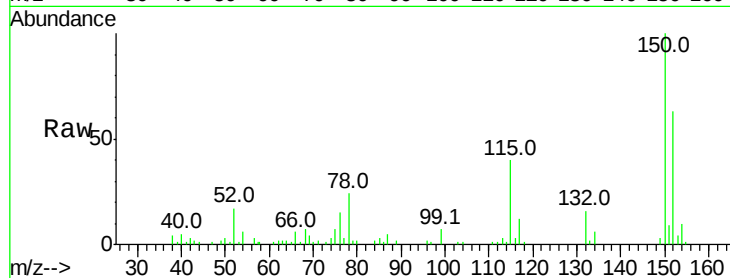


#1

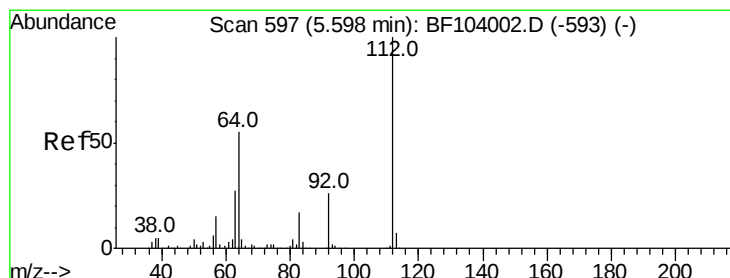
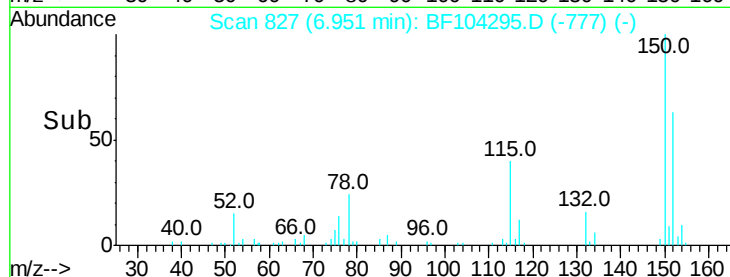
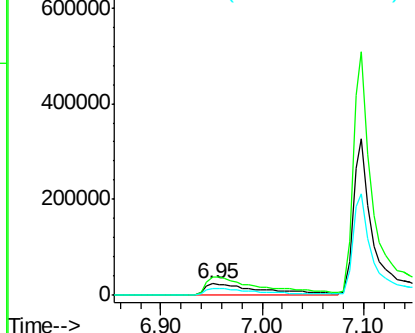
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104295.D
Acq: 6 Apr 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99305
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 62.4 50.1 75.1



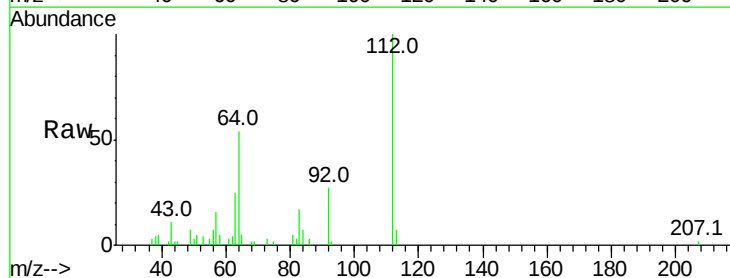
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



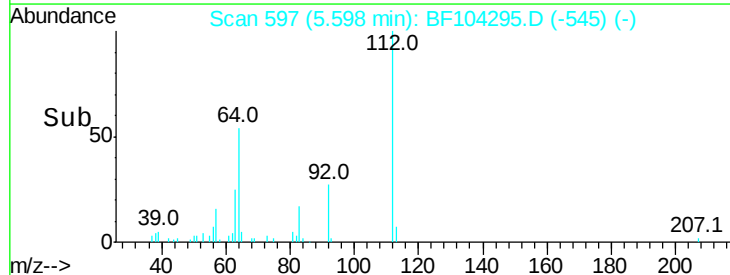
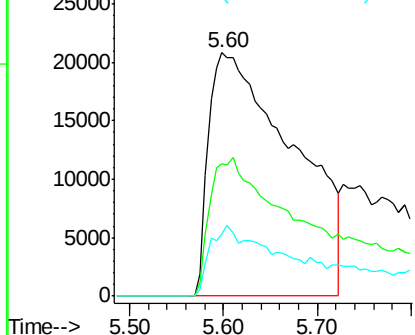
#5

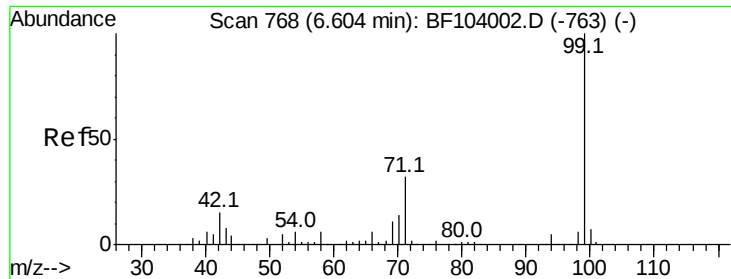
2-Fluorophenol
Concen: 20.951 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104295.D
Acq: 6 Apr 2018 2:42

Tgt Ion:112 Resp: 130462
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 25.3 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: 26.755 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

Instrument :

BNA_F

ClientSampleId :

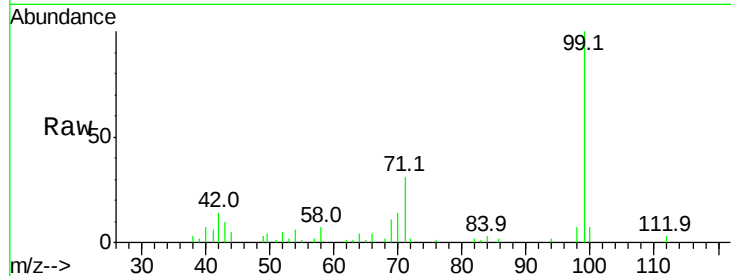
Tot Ion: 99 Resp: 204975

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

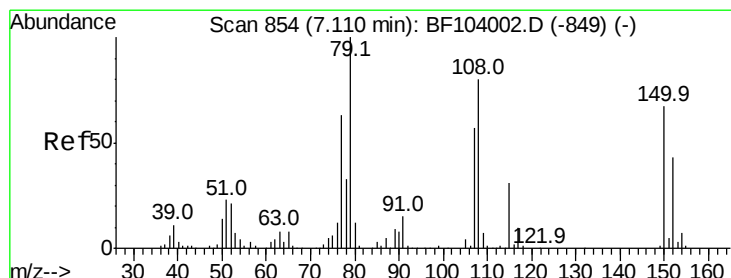
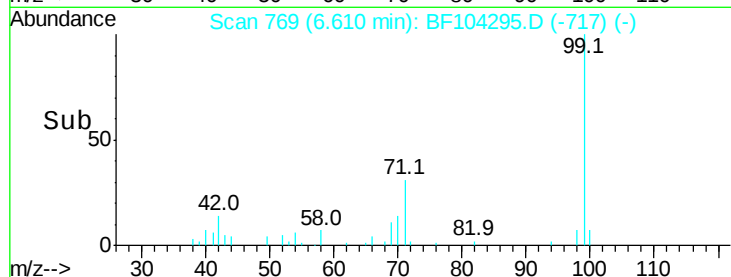
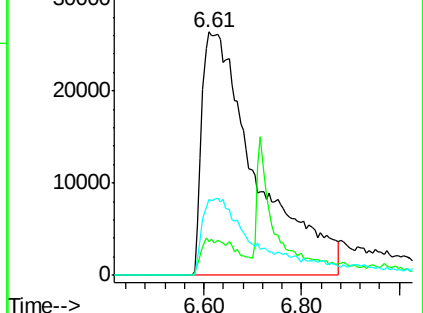
71 31.4 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 2.415 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

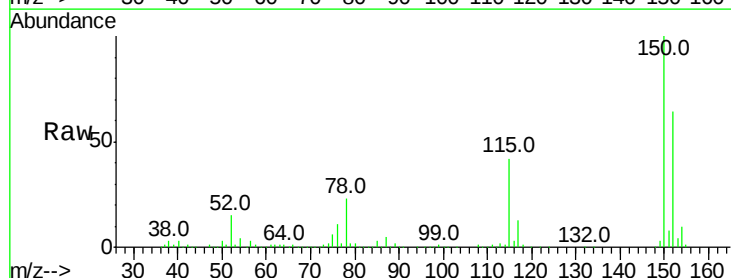
Tgt Ion: 79 Resp: 12027

Ion Ratio Lower Upper

79 100

108 29.9 65.1 97.7#

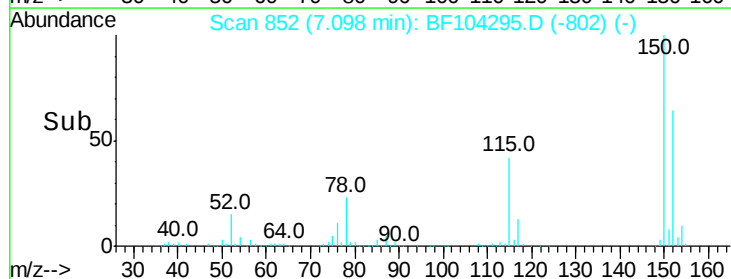
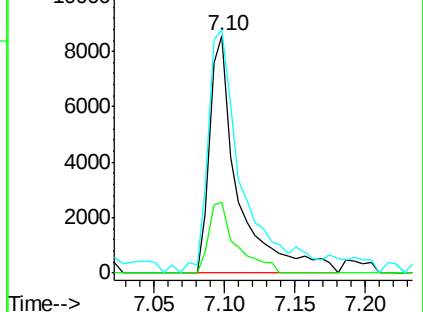
77 102.6 50.6 75.8#

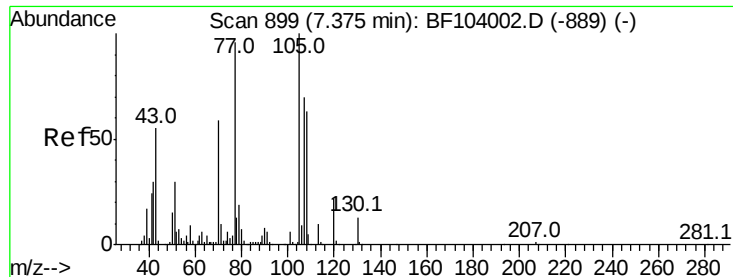


Abundance Ion 79.00 (78.70 to 79.70): BF1

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: 19.761 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.16 min

Lab File: BF104295.D

Acq: 6 Apr 2018 2:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 89843

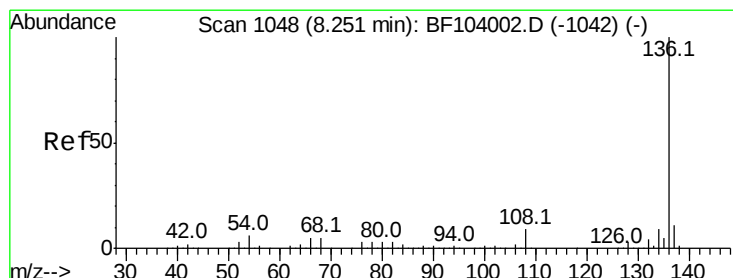
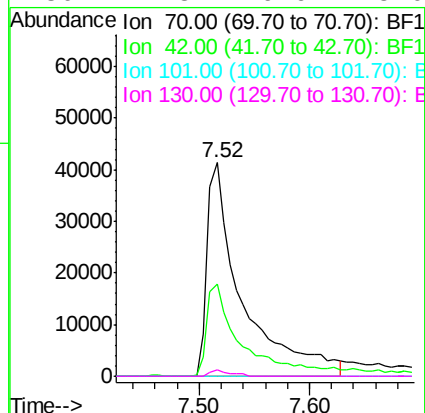
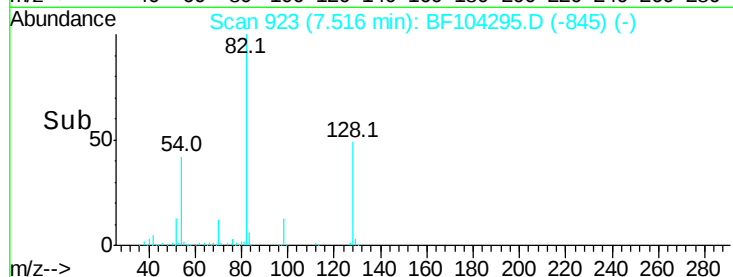
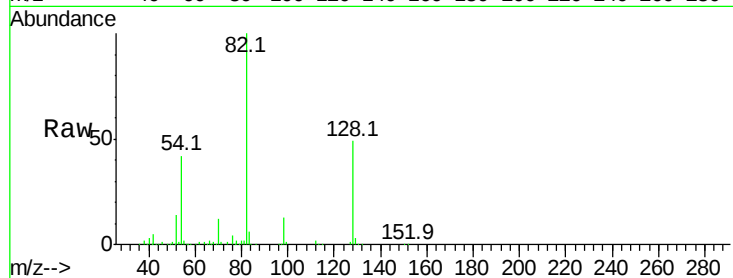
Ion Ratio Lower Upper

70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 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: BF104295.D

Acq: 6 Apr 2018 2:42

Tgt Ion: 136 Resp: 464928

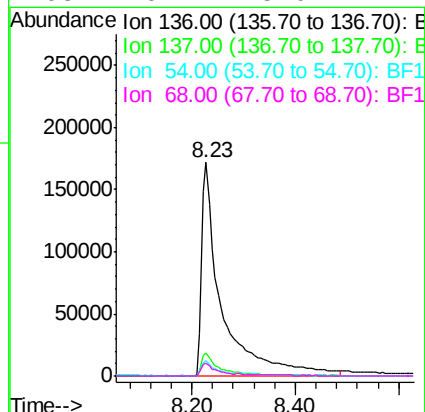
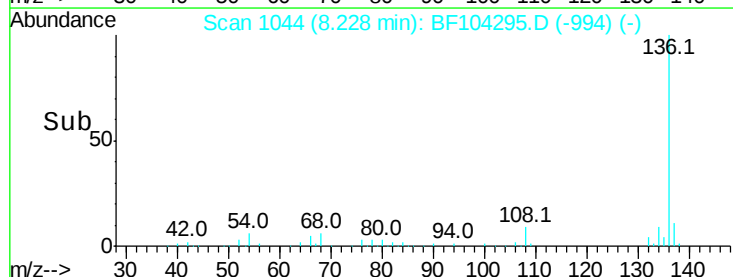
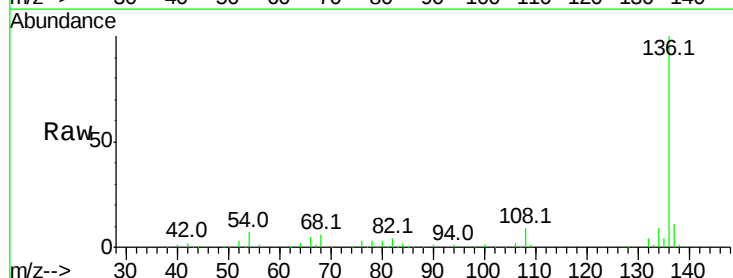
Ion Ratio Lower Upper

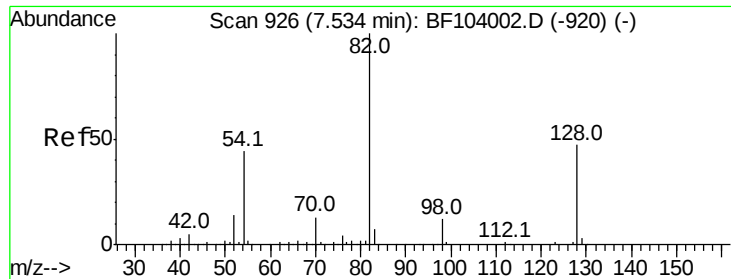
136 100

137 10.5 8.9 13.3

54 7.0 6.6 9.8

68 6.1 5.0 7.4

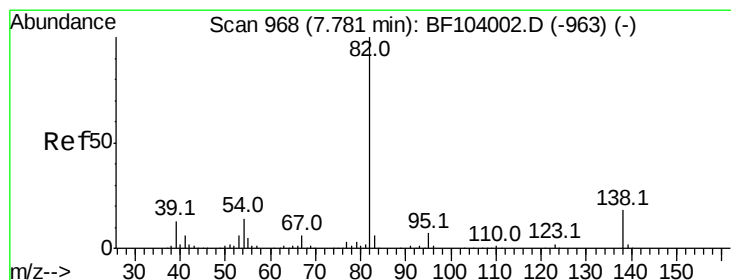
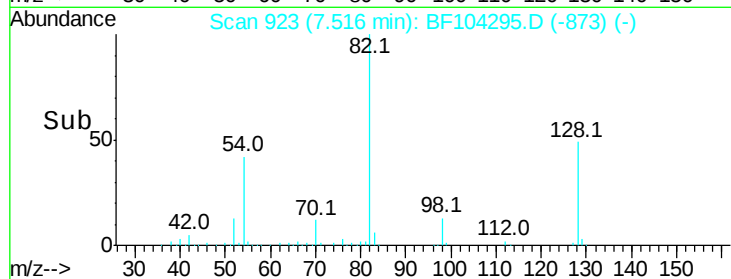
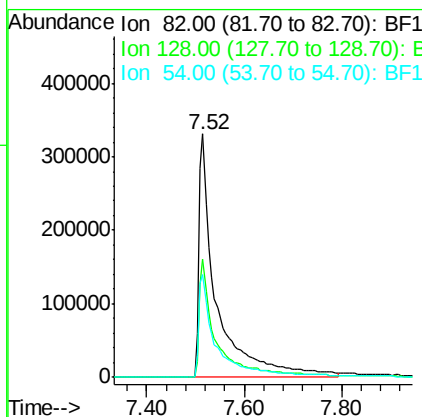
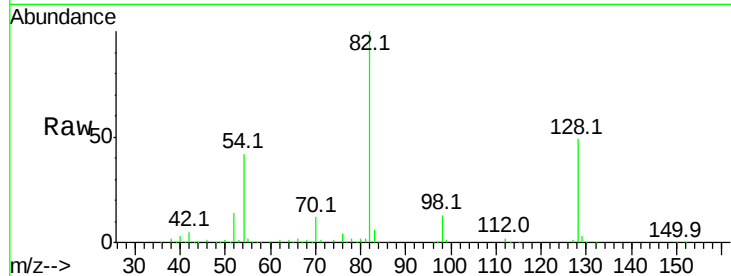




#23
 Nitrobenzene-d5
 Concen: 109.188 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

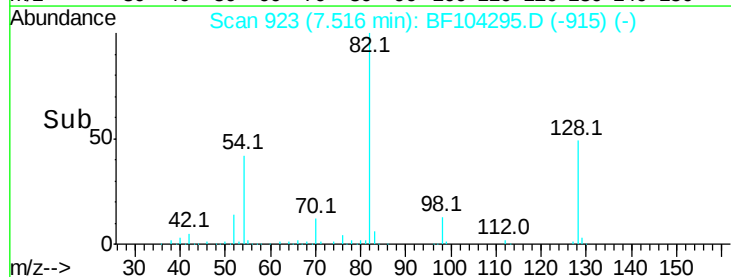
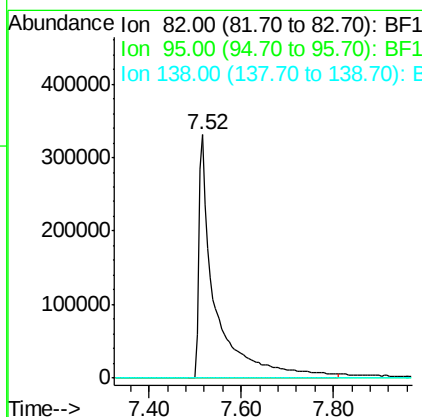
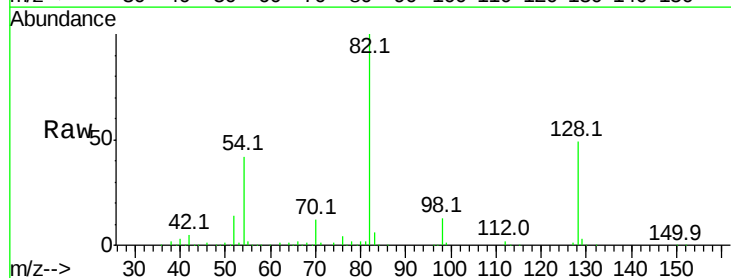
Instrument :
 BNA_F
 ClientSampleId :

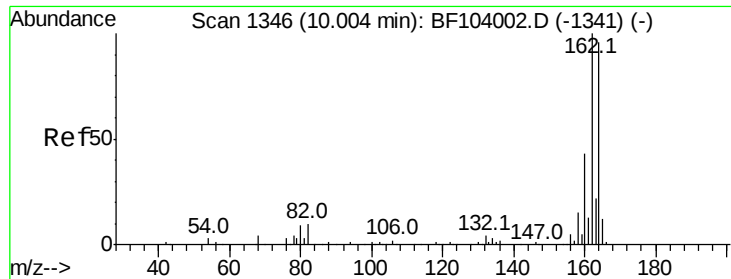
Tot Ion	82	Resp	830089
Ion Ratio	Lower	Upper	
82	100		
128	48.8	36.1	54.1
54	42.4	41.4	62.2



#25
 Isophorone
 Concen: 59.673 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Tgt Ion	82	Resp	836047
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

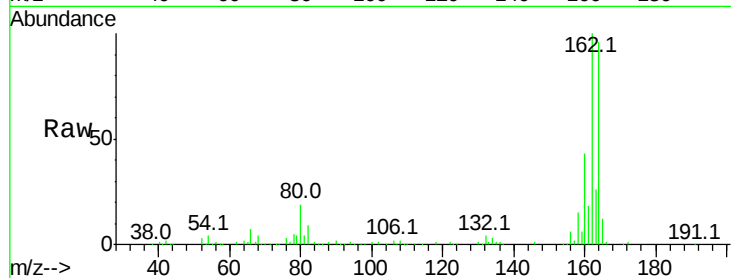




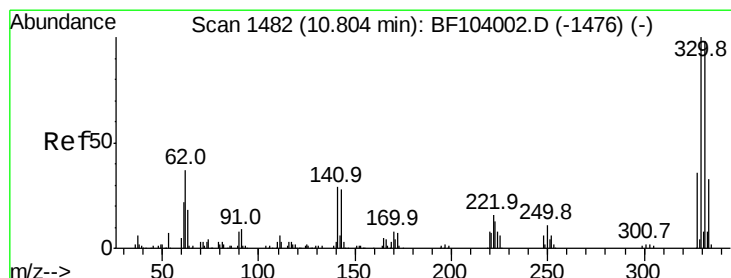
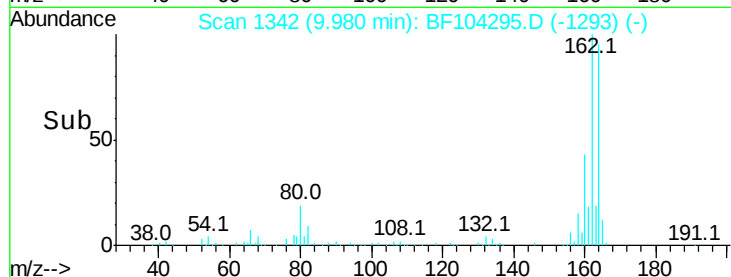
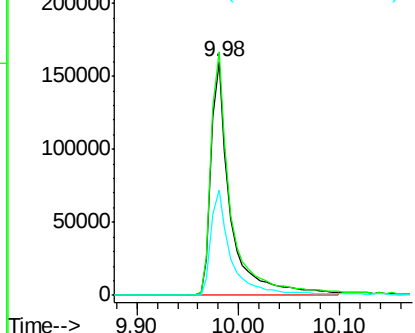
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 215239
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 45.2 38.3 57.5

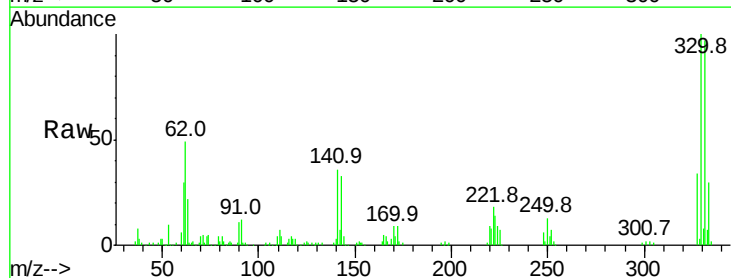


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

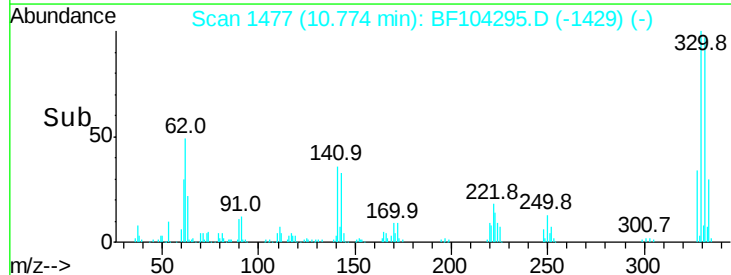
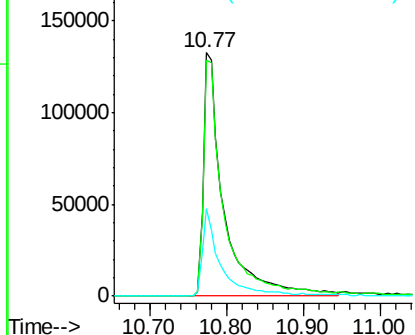


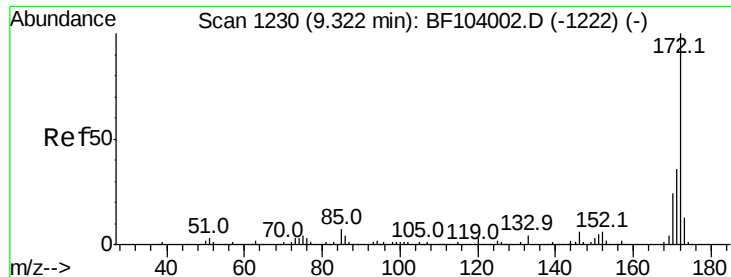
#41
 2,4,6-Tribromophenol
 Concen: 102.367 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Tgt Ion:330 Resp: 245343
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.0 115.6
 141 31.4 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



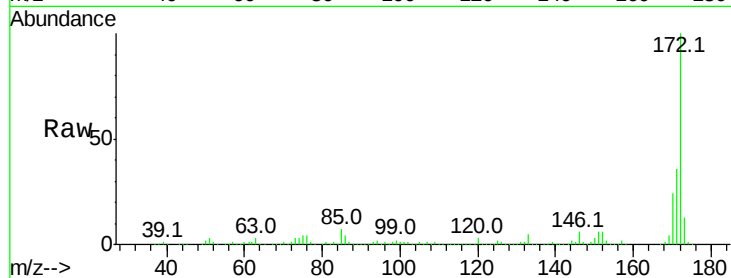


#44
 2-Fluorobiphenyl
 Concen: 117.670 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

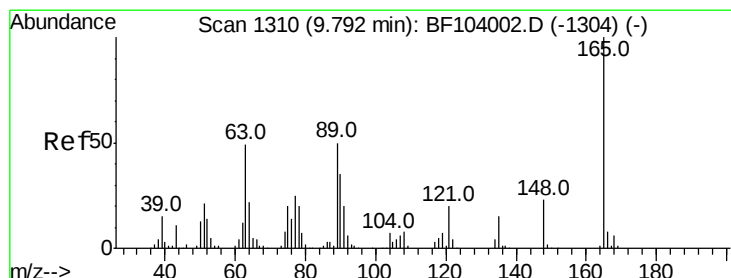
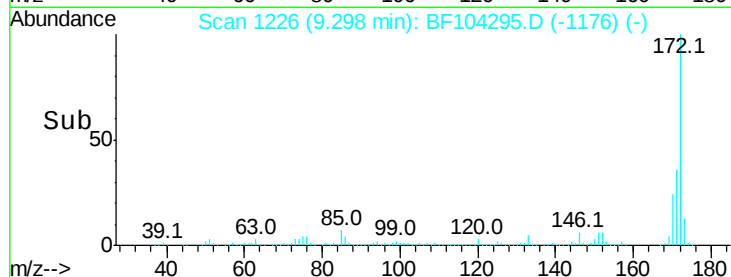
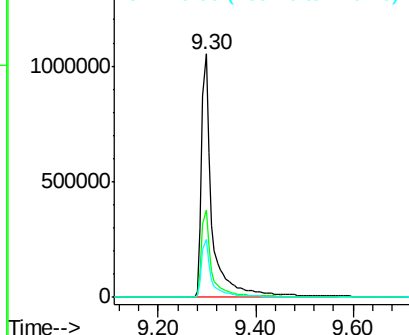
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1606115

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4



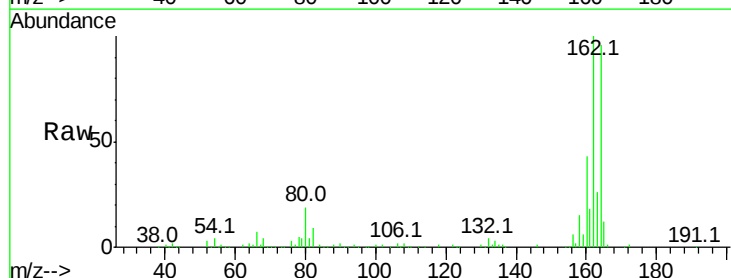
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



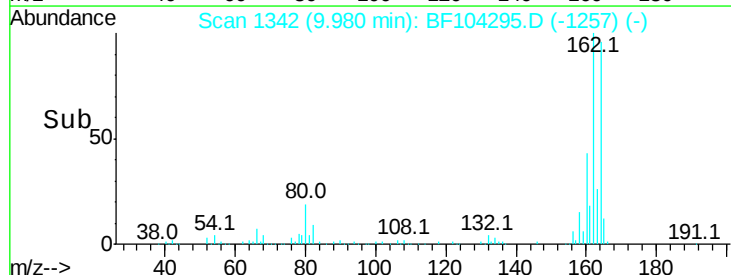
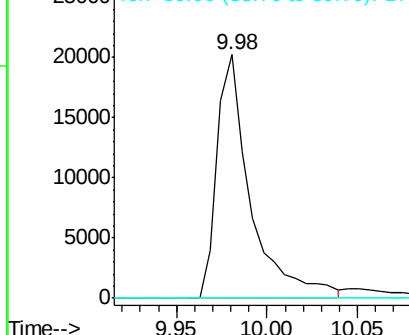
#50
 2,6-Dinitrotoluene
 Concen: 7.140 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.20 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

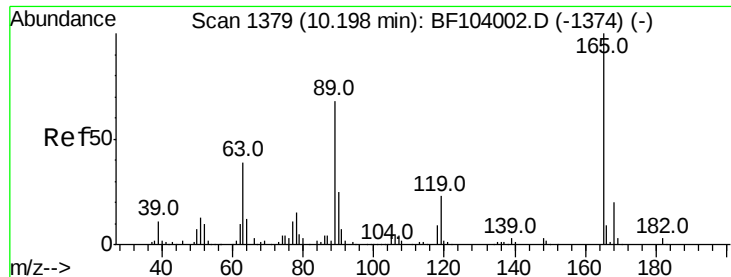
Tgt Ion:165 Resp: 26103

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



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

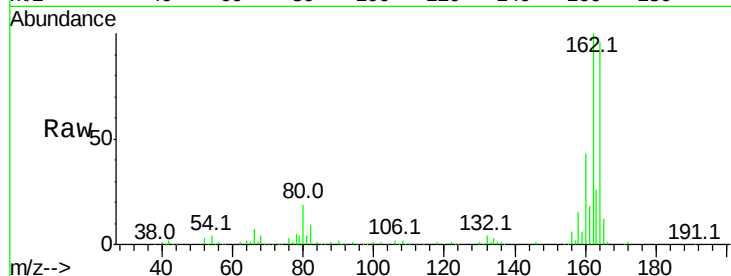




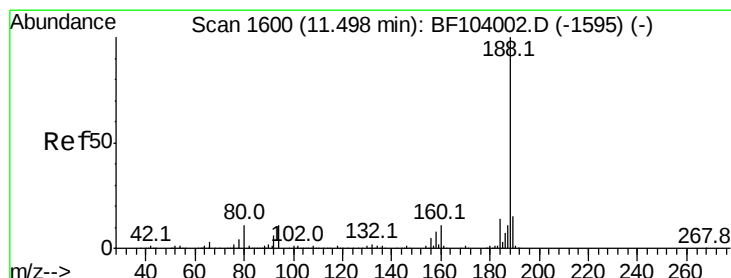
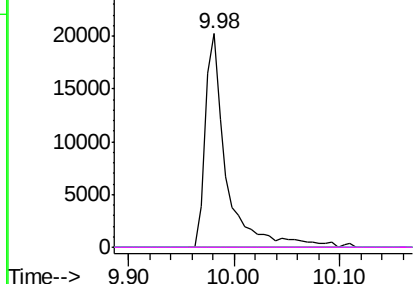
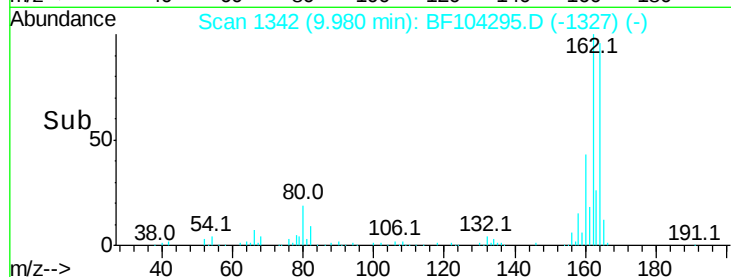
#56
 2,4-Dinitrotoluene
 Concen: 5.983 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 27914
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

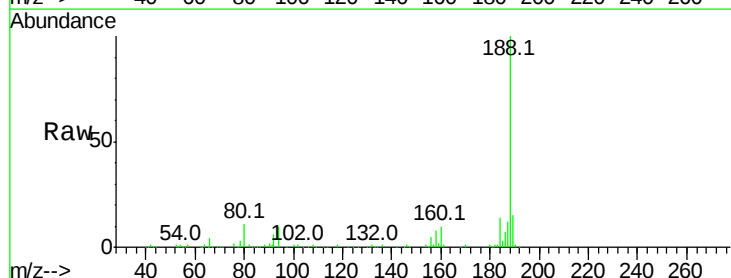


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

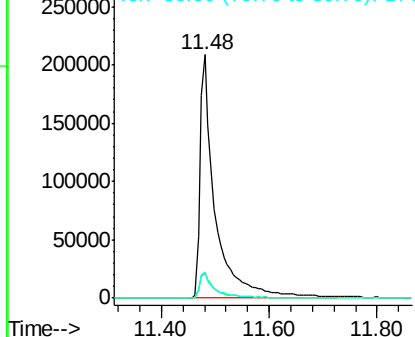
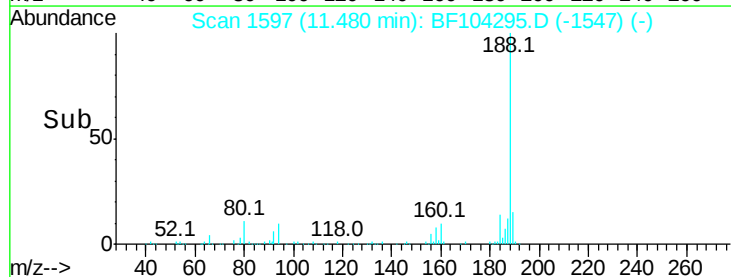


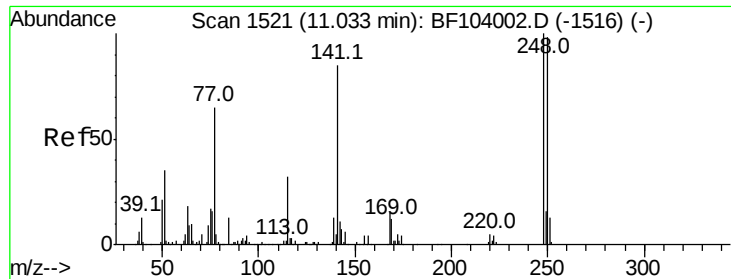
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Tgt Ion:188 Resp: 407896
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.8 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

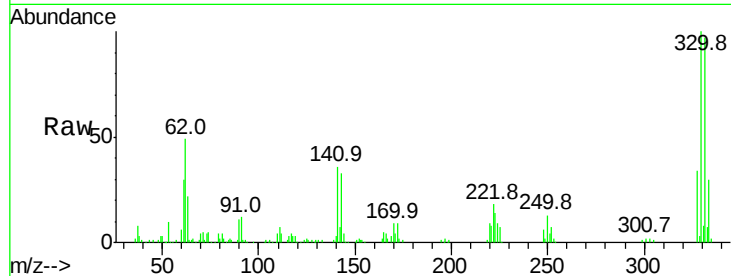




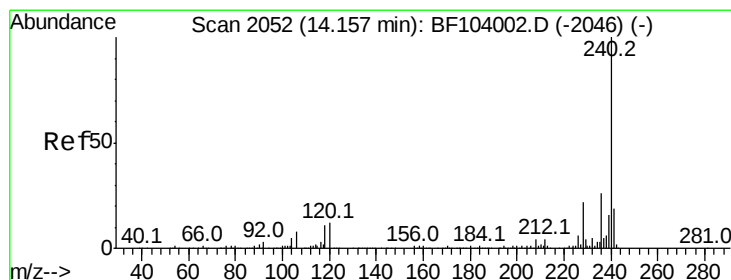
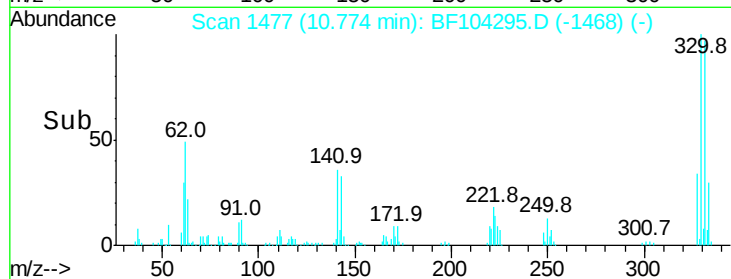
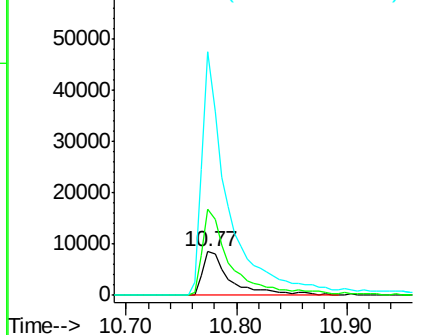
#66
 4-Bromophenyl-phenylether
 Concen: 3.319 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14484
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.9 115.3#
 141 560.9 74.4 111.6#

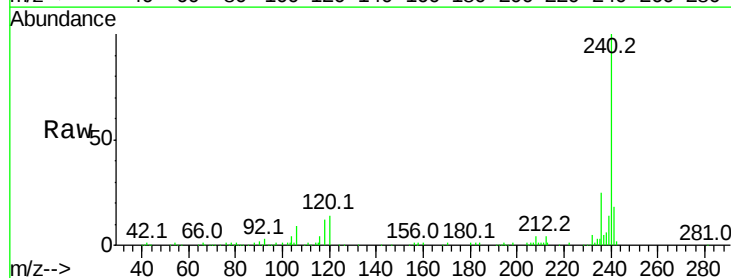


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

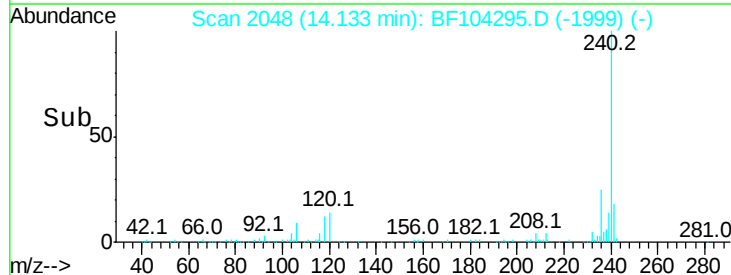
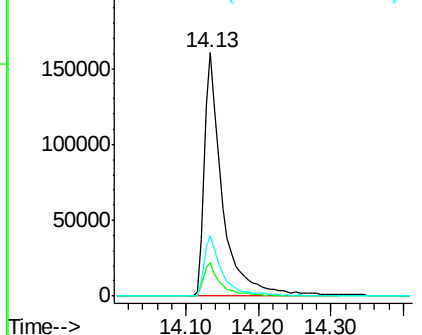


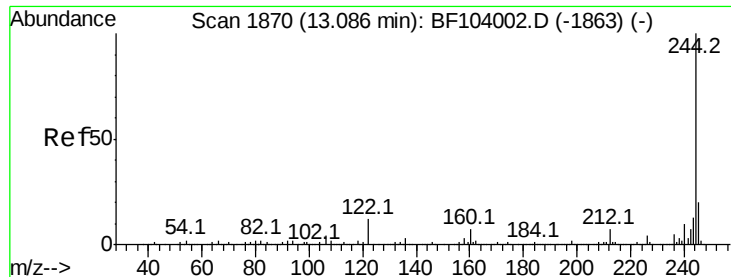
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Tgt Ion:240 Resp: 278705
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 24.9 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

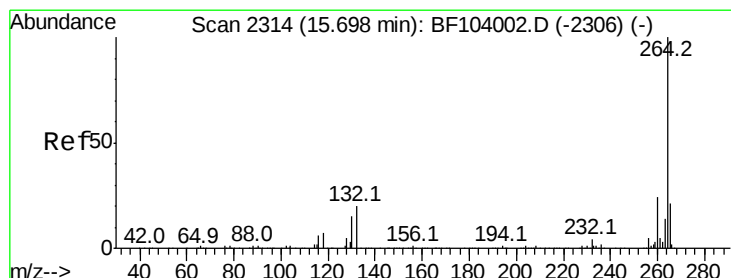
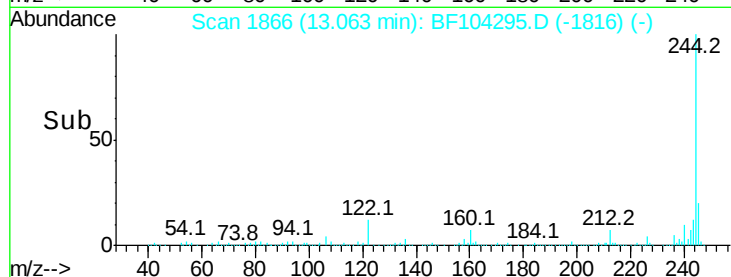
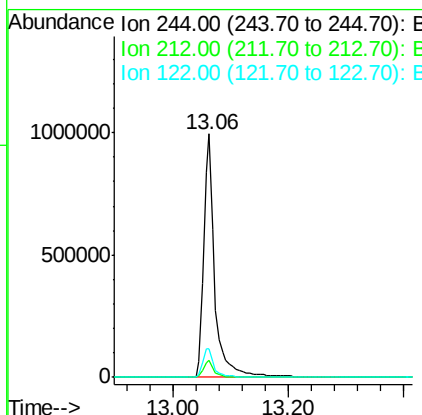
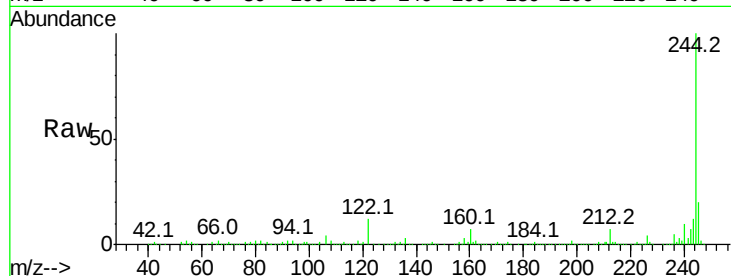




#78
 Terphenyl-d14
 Concen: 111.983 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1351703
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.02 min
 Lab File: BF104295.D
 Acq: 6 Apr 2018 2:42

Tgt Ion:264 Resp: 219675
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.2 17.5 26.3

