

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104288.D
 Acq On : 5 Apr 2018 23:38
 Operator : JU/SJ
 Sample : J2227-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:11:46 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

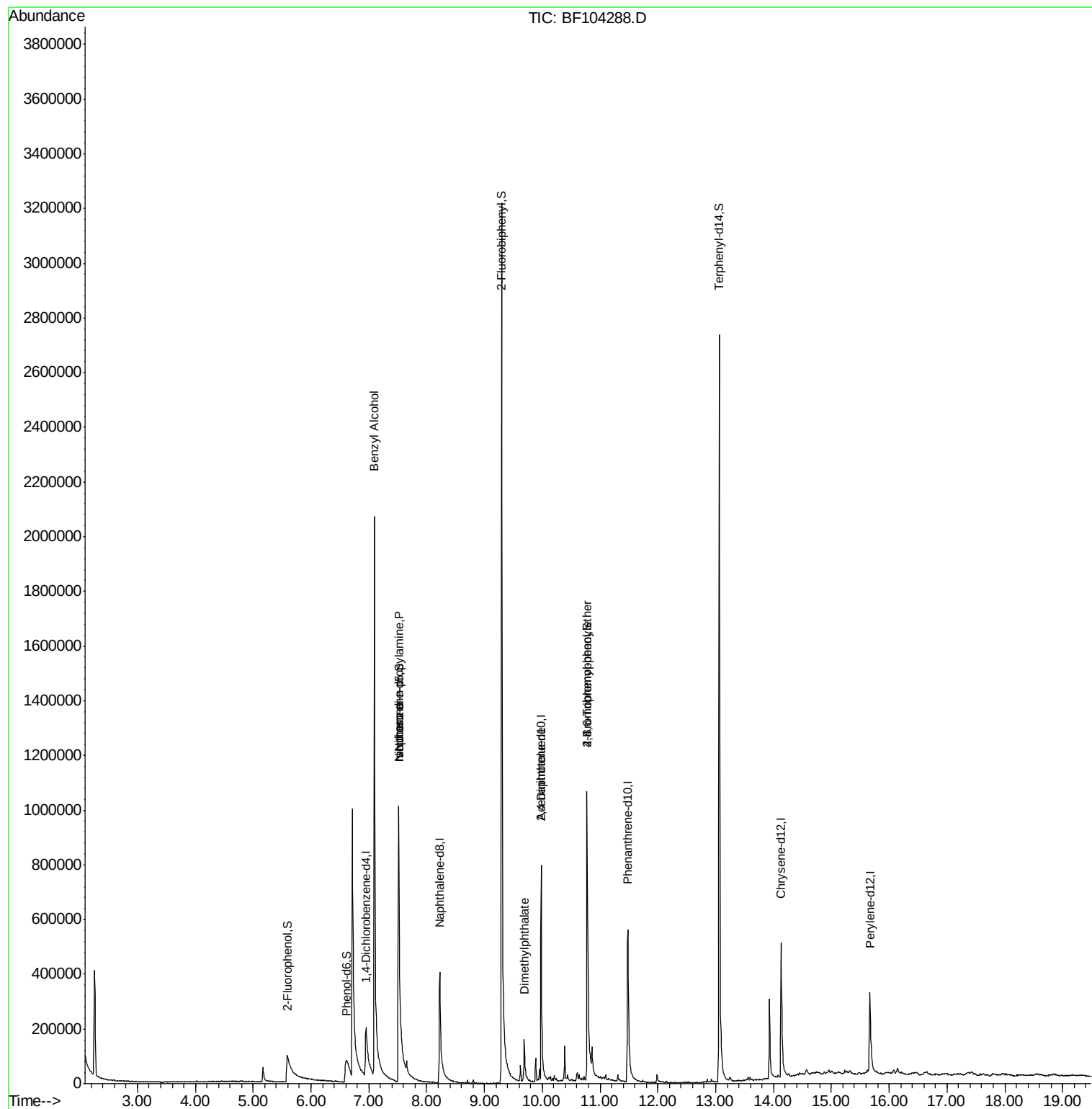
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	102937	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	491719	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	225747	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	418962	20.00	ng	0.00
75) Chrysene-d12	14.13	240	285359	20.00	ng	-0.01
86) Perylene-d12	15.67	264	233114	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	184968	28.66	ng	0.00
7) Phenol-d6	6.61	99	194562	24.50	ng	0.00
23) Nitrobenzene-d5	7.52	82	852920	106.08	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	255396	101.60	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1598841	111.68	ng	0.00
78) Terphenyl-d14	13.06	244	1320280	106.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	12876	2.494	ng	# 34
19) n-Nitroso-di-n-propylamine	7.52	70	96209	20.414	ng	# 71
25) Isophorone	7.52	82	860578	58.077	ng	# 64
49) Dimethylphthalate	9.69	163	115435	6.477	ng	# 99
56) 2,4-Dinitrotoluene	9.98	165	28347	5.793	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	13803	3.079	ng	# 1

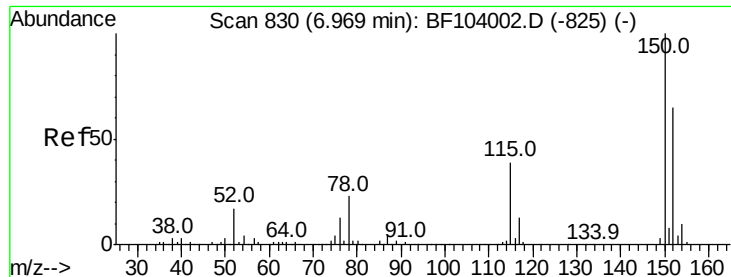
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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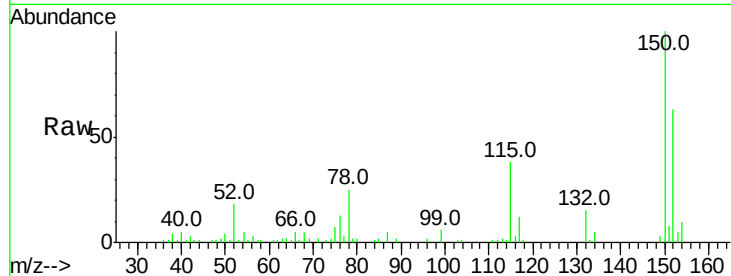


#1

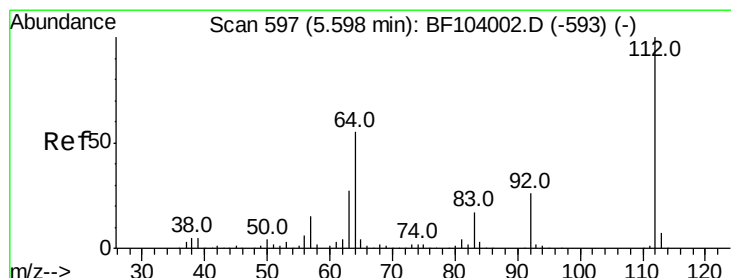
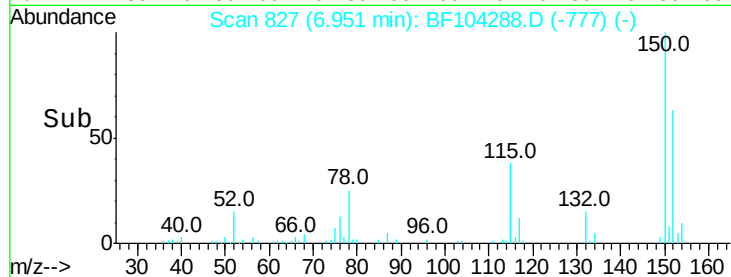
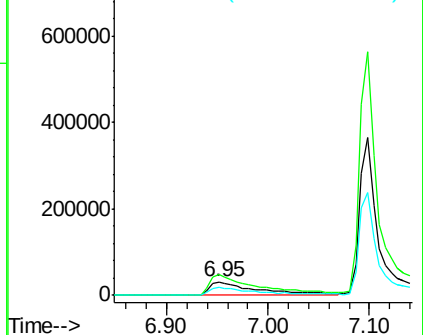
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104288.D
Acq: 5 Apr 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102937
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 60.9 50.1 75.1



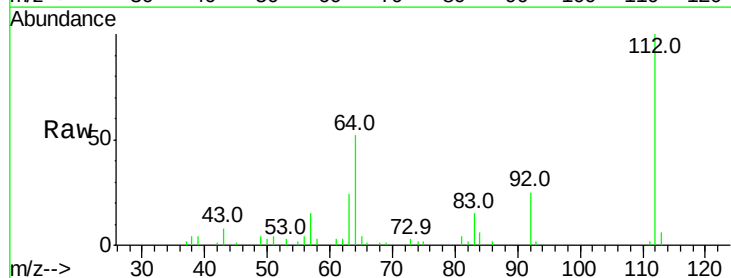
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



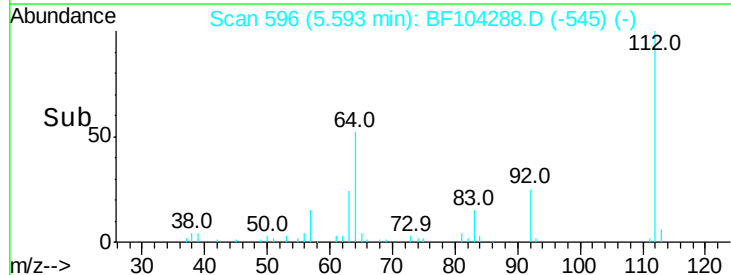
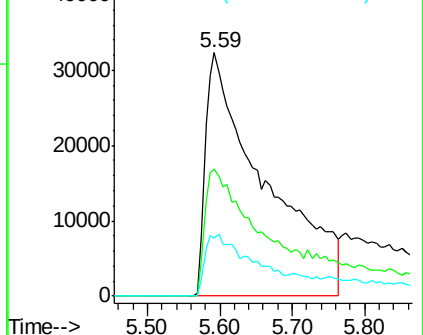
#5

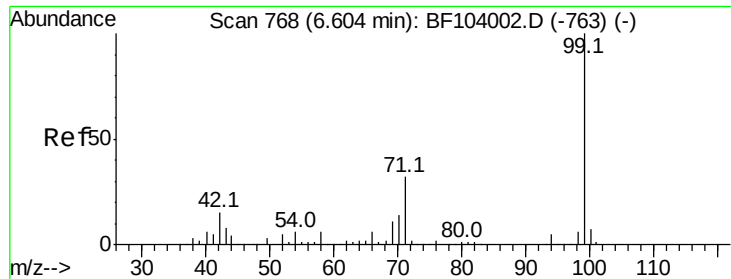
2-Fluorophenol
Concen: 28.656 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF104288.D
Acq: 5 Apr 2018 23:38

Tgt Ion:112 Resp: 184968
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.0 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: 24.500 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104288.D

Acq: 5 Apr 2018 23:38

Instrument :

BNA_F

ClientSampleId :

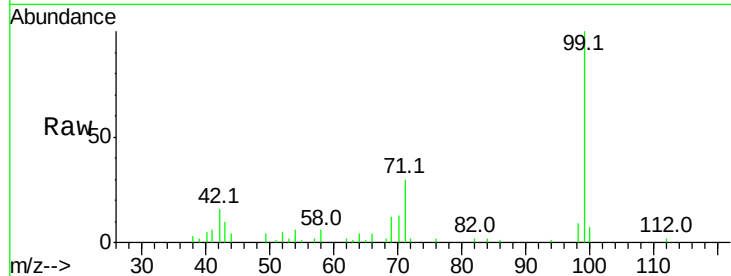
Tot Ion: 99 Resp: 194562

Ion Ratio Lower Upper

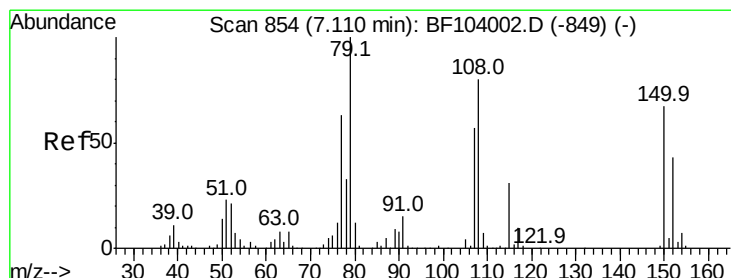
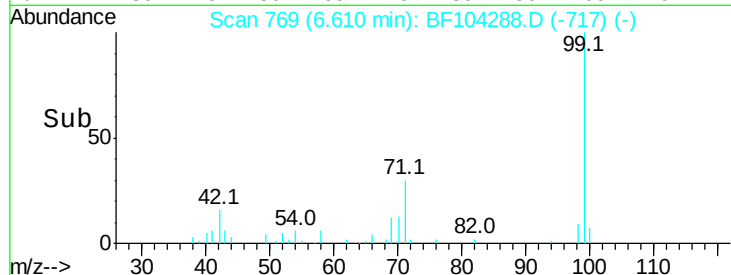
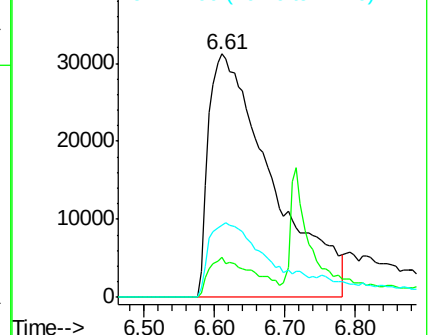
99 100

42 16.4 14.5 21.7

71 29.5 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: 2.494 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104288.D

Acq: 5 Apr 2018 23:38

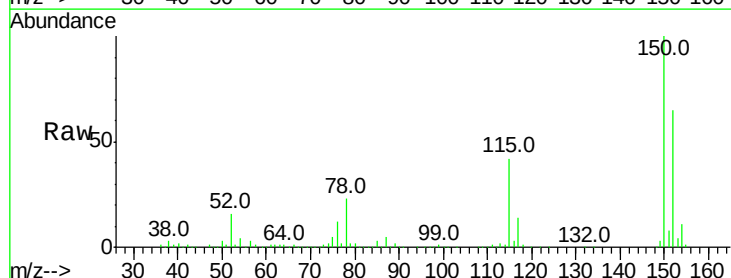
Tgt Ion: 79 Resp: 12876

Ion Ratio Lower Upper

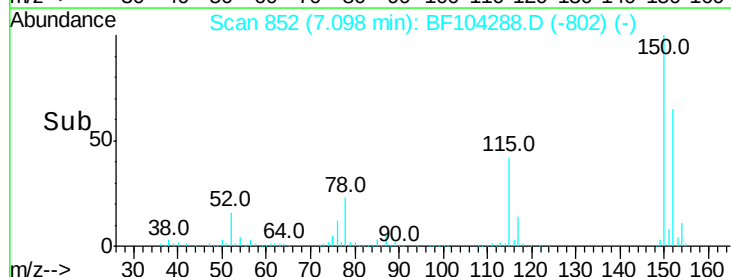
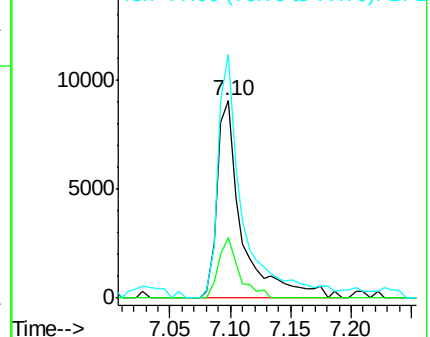
79 100

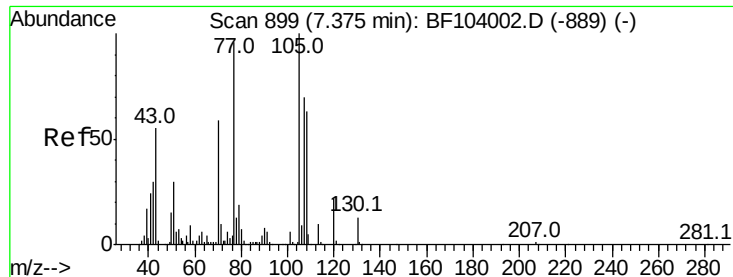
108 30.5 65.1 97.7#

77 123.5 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

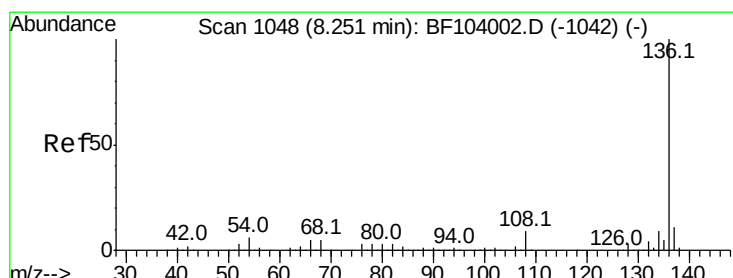
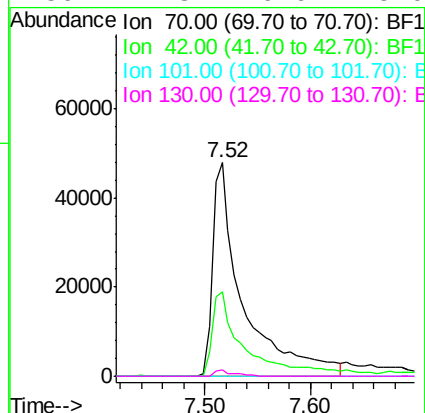
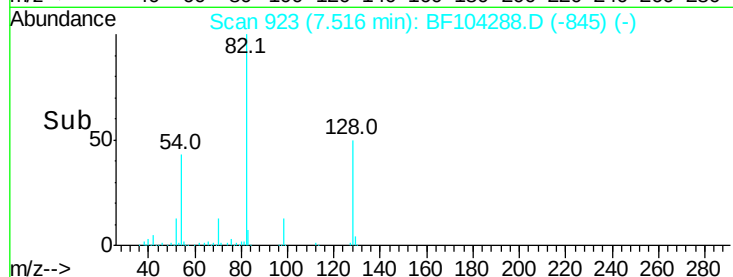
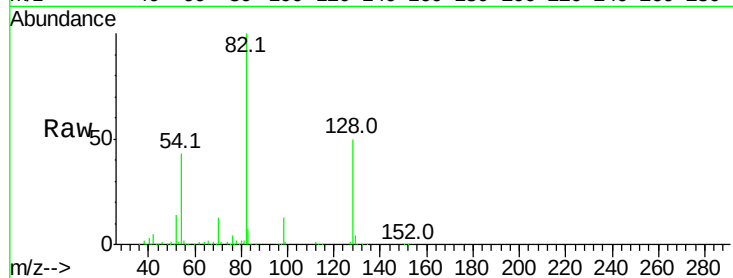




#19
n-Nitroso-di-n-propylamine
Concen: 20.414 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104288.D
Acq: 5 Apr 2018 23:38

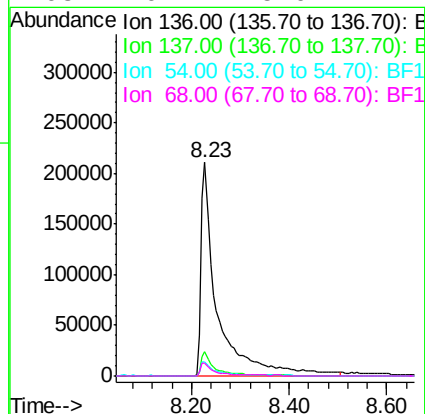
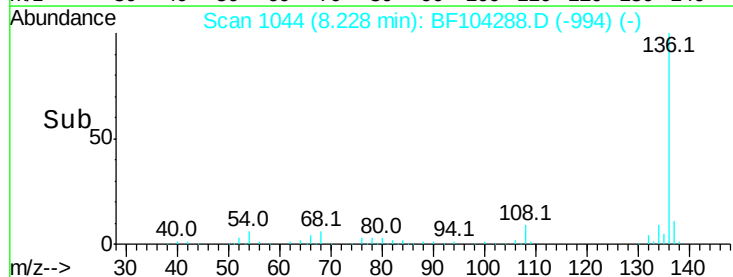
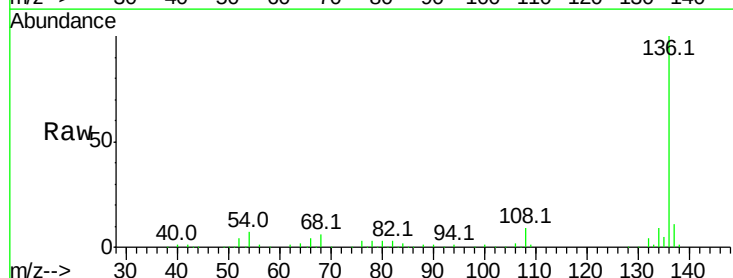
Instrument :
BNA_F
ClientSampled :

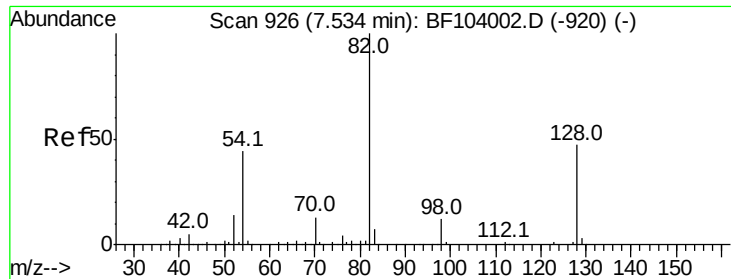
Tot Ion: 70 Resp: 96209
Ion Ratio Lower Upper
70 100
42 39.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104288.D
Acq: 5 Apr 2018 23:38

Tgt Ion: 136 Resp: 491719
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.6 6.6 9.8
68 6.2 5.0 7.4

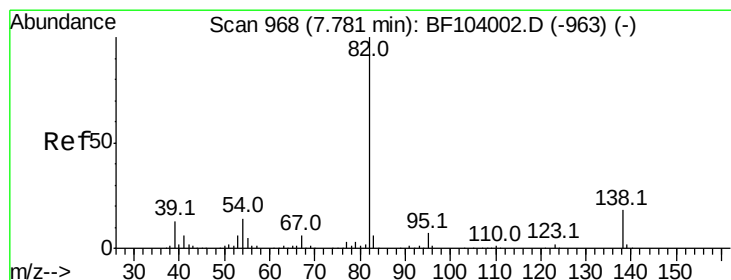
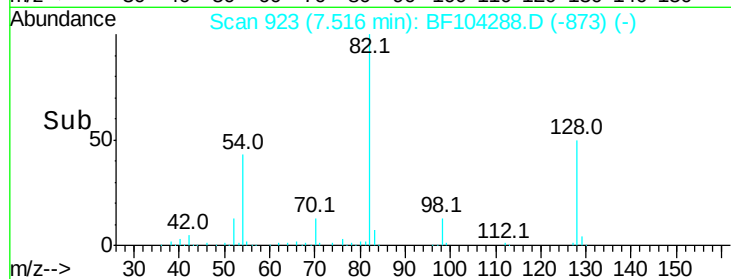
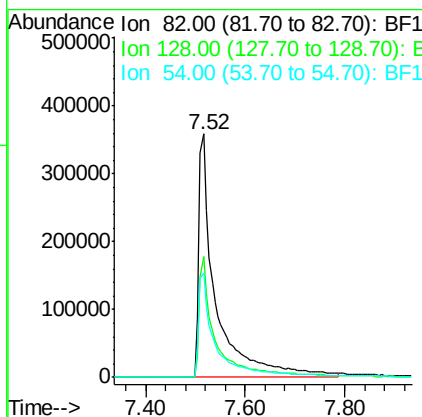
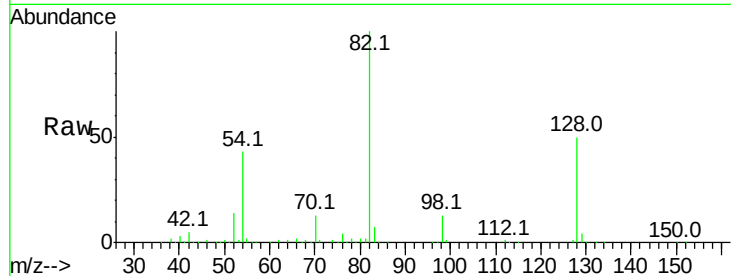




#23
 Nitrobenzene-d5
 Concen: 106.078 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

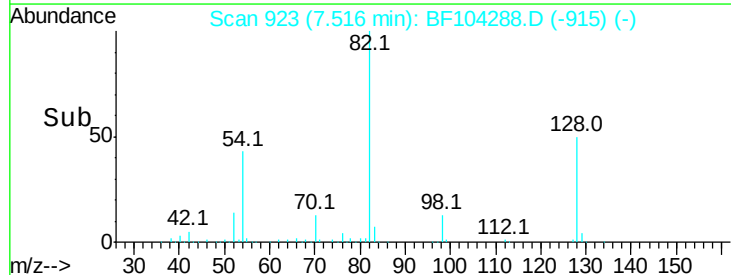
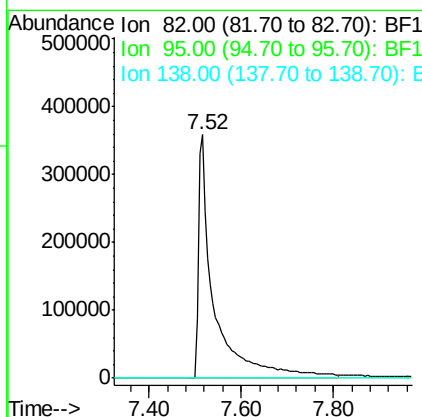
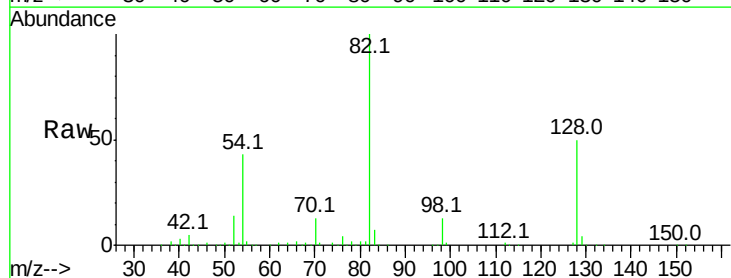
Instrument :
 BNA_F
 ClientSampled :

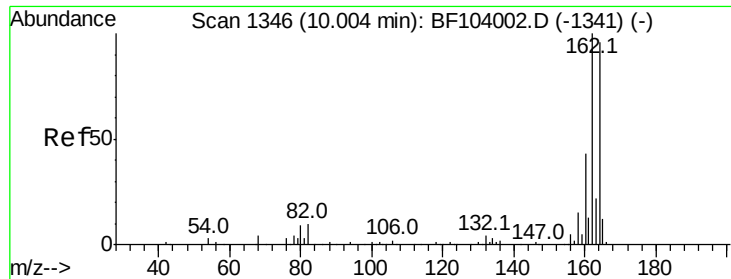
Tot Ion:	82	Resp:	852920
Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	42.7	41.4	62.2



#25
 Isophorone
 Concen: 58.077 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

Tgt Ion:	82	Resp:	860578
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

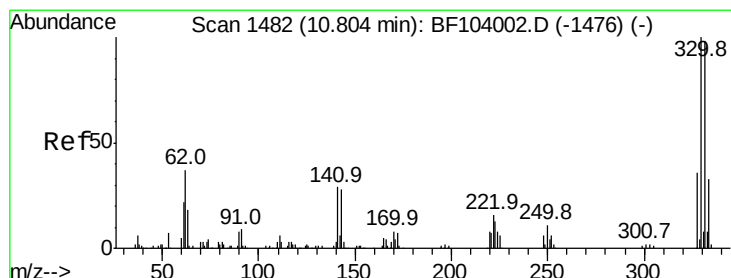
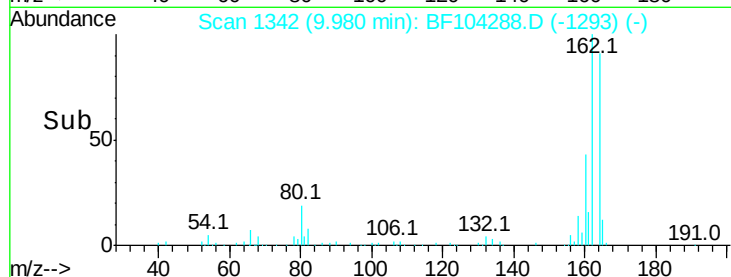
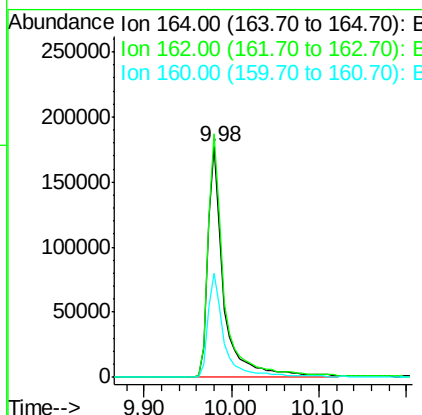
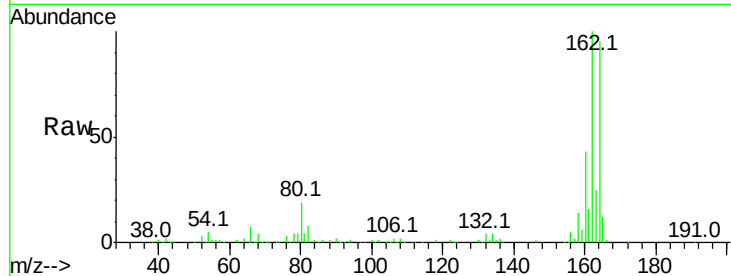




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

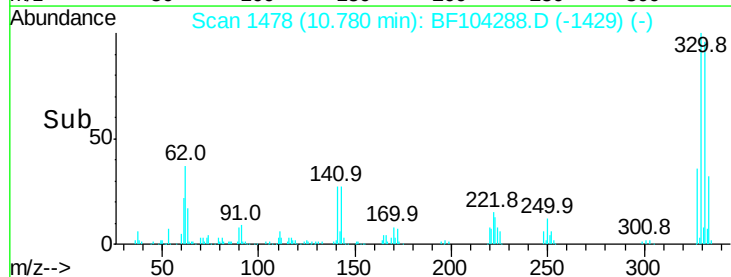
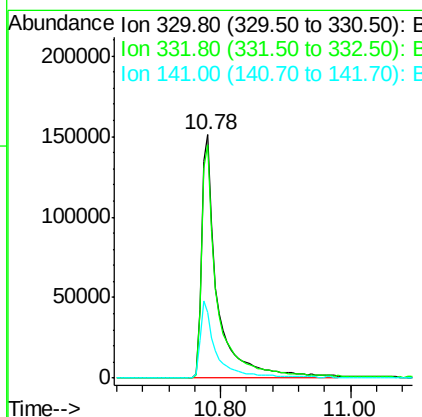
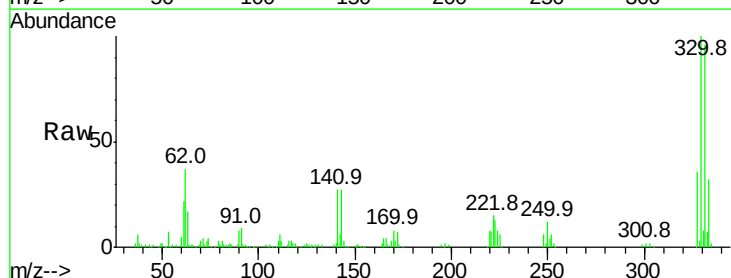
Instrument :
 BNA_F
 ClientSampled :

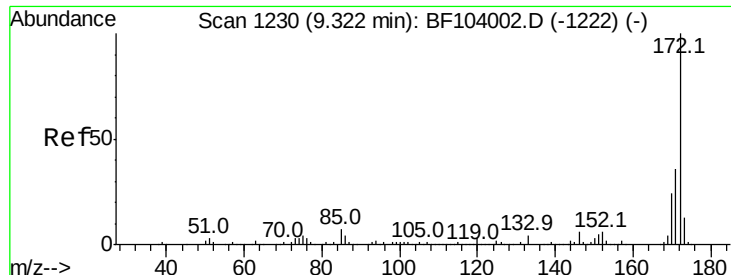
Tot Ion:164 Resp: 225747
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 101.602 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

Tgt Ion:330 Resp: 255396
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 31.9 29.9 44.9



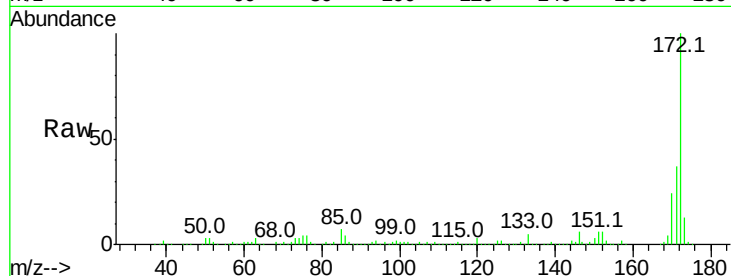


#44
 2-Fluorobiphenyl
 Concen: 111.684 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

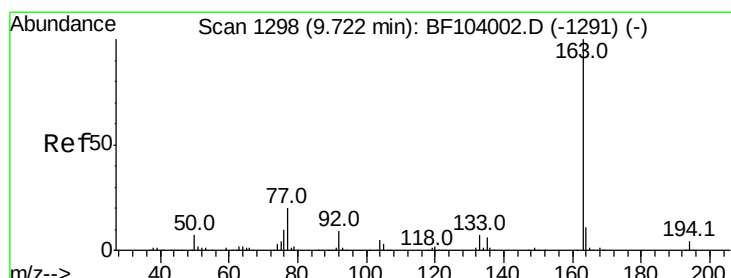
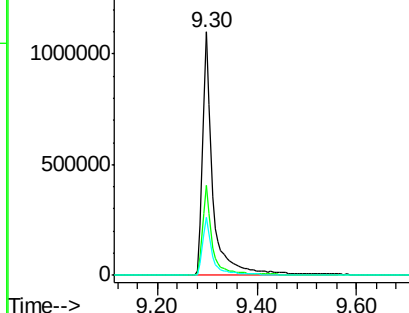
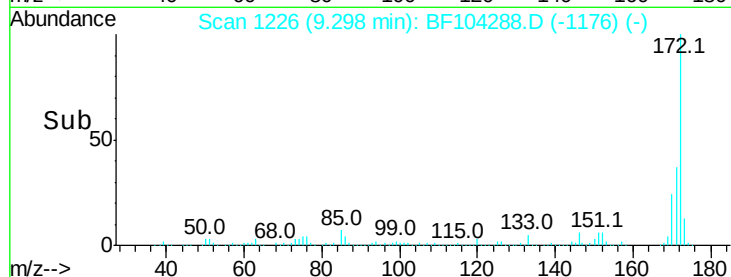
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1598841

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	23.8	19.6	29.4



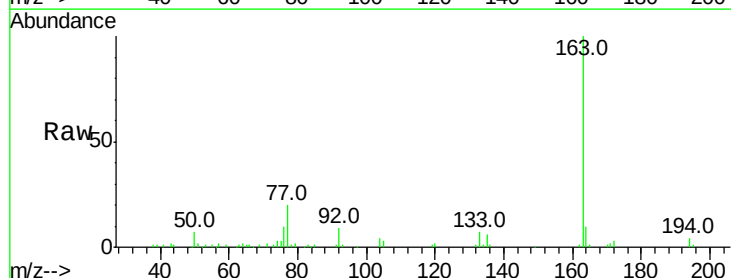
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



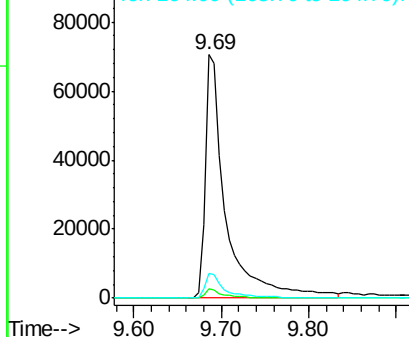
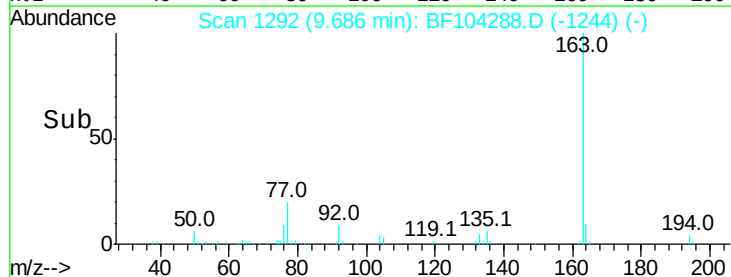
#49
 Dimethylphthalate
 Concen: 6.477 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

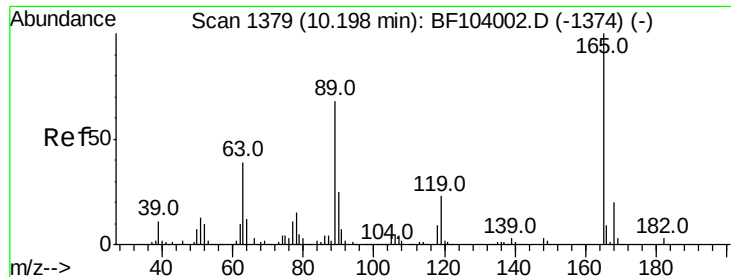
Tgt Ion:163 Resp: 115435

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	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

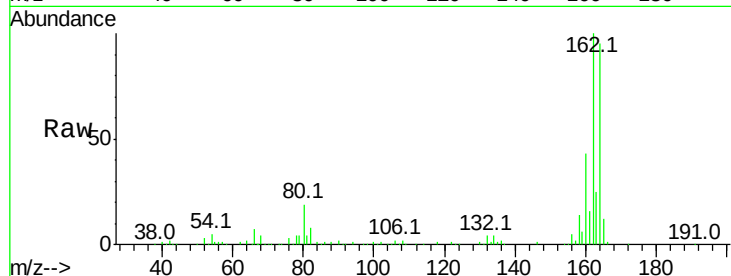




#56
 2,4-Dinitrotoluene
 Concen: 5.793 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

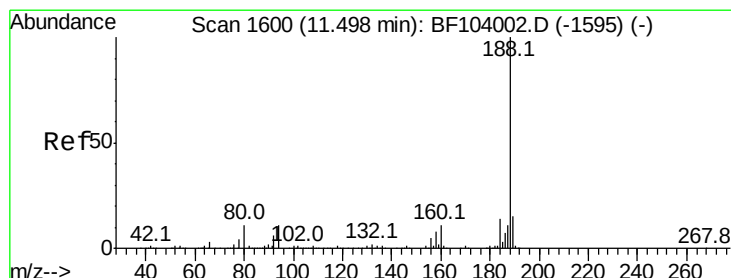
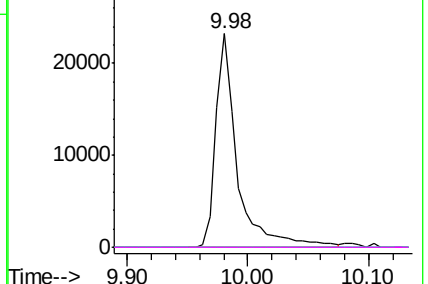
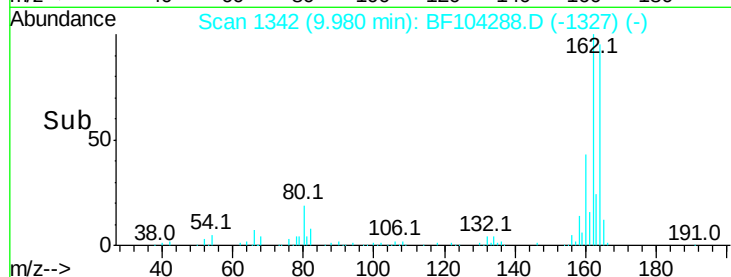


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

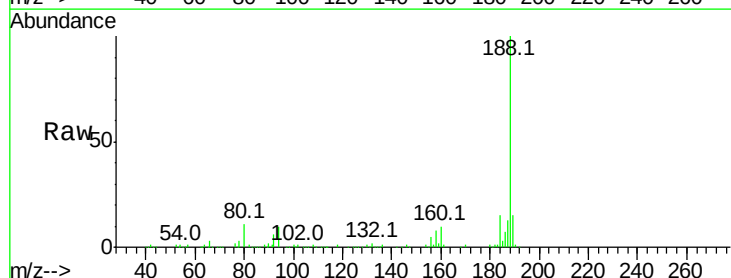
Ion 89.00 (88.70 to 89.70): BF1

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: BF104288.D
 Acq: 5 Apr 2018 23:38

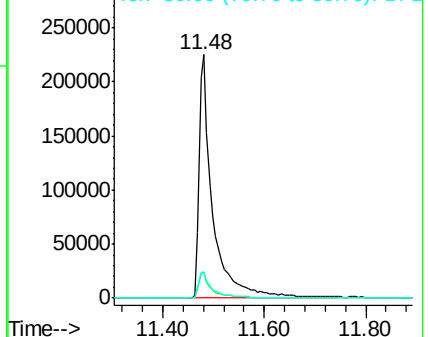
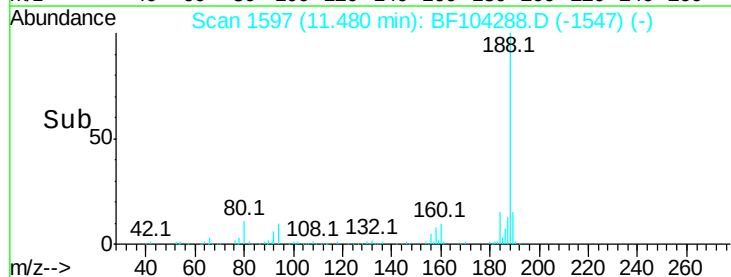
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.9	9.2	13.8

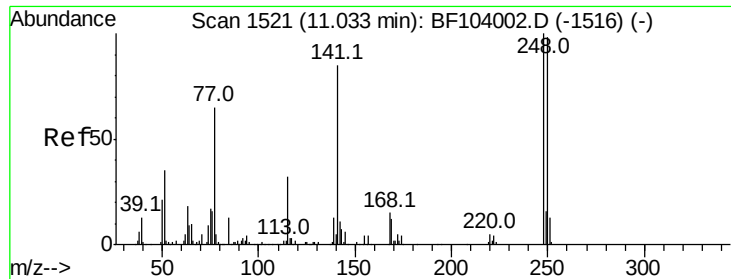


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

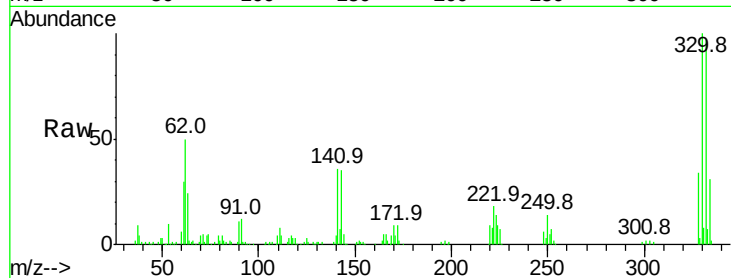




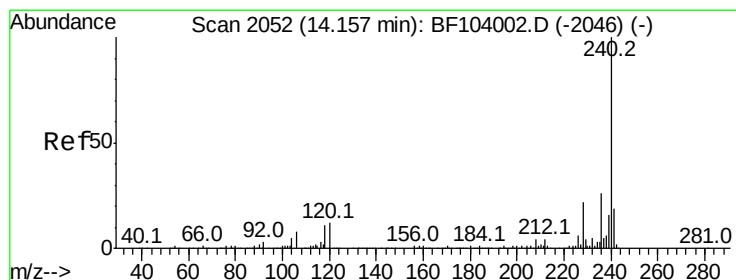
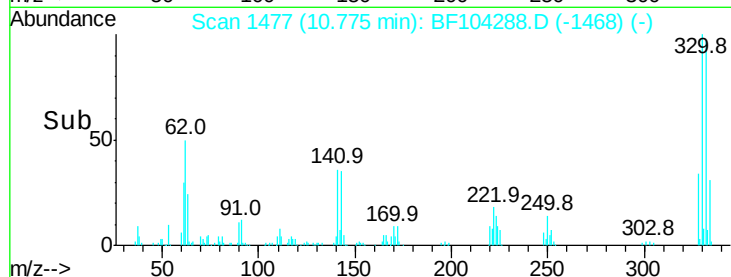
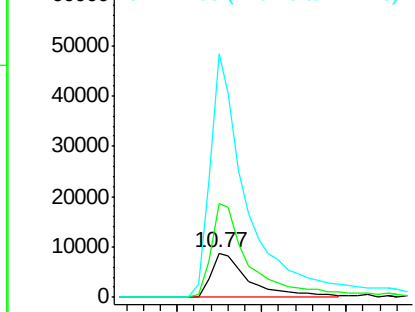
#66
4-Bromophenyl-phenylether
Concen: 3.079 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF104288.D
Acq: 5 Apr 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13803
Ion Ratio Lower Upper
248 100
250 211.9 76.9 115.3#
141 553.2 74.4 111.6#

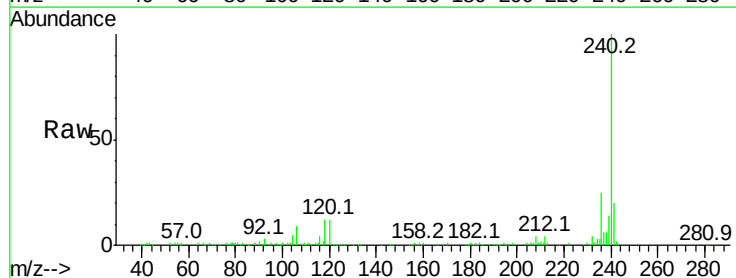


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

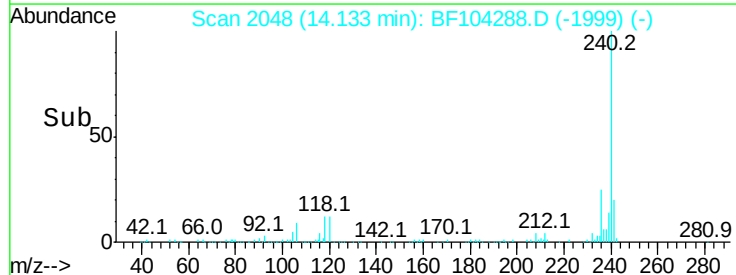
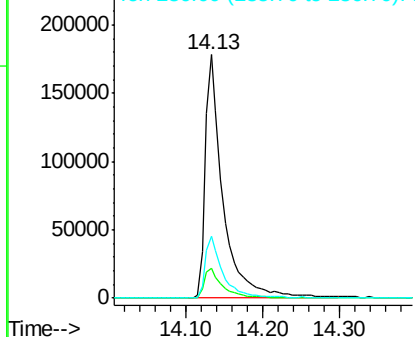


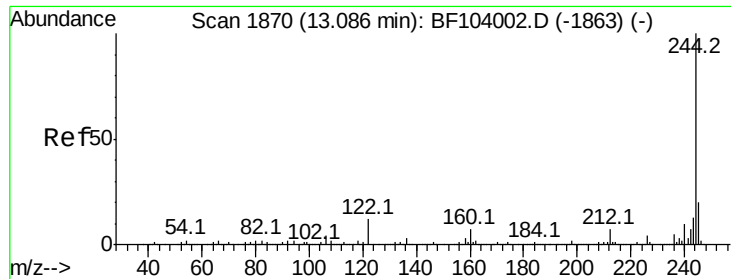
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF104288.D
Acq: 5 Apr 2018 23:38

Tgt Ion:240 Resp: 285359
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.5 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

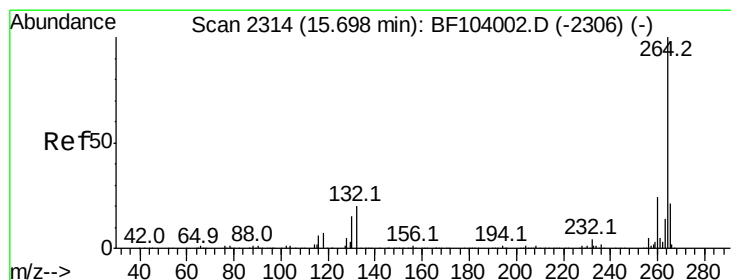
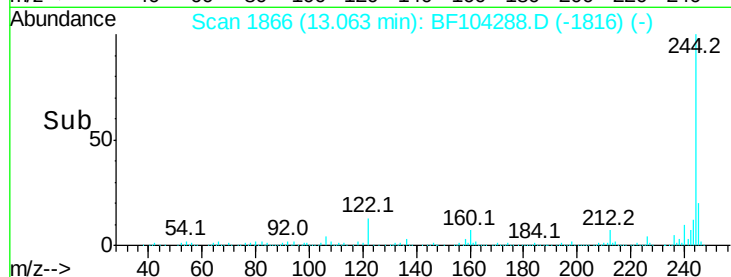
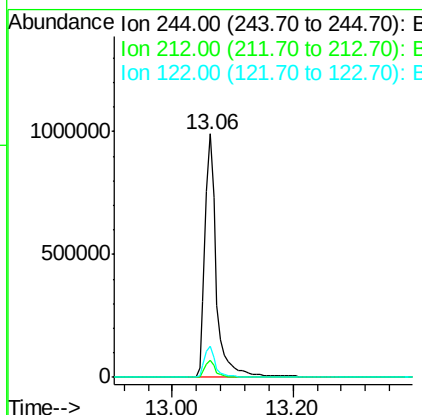
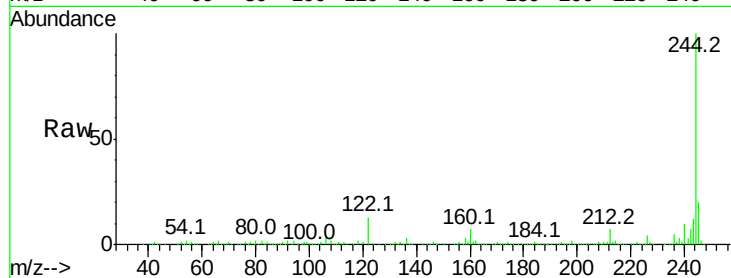




#78
 Terphenyl-d14
 Concen: 106.829 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1320280
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104288.D
 Acq: 5 Apr 2018 23:38

Tgt Ion:264 Resp: 233114
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.9 17.5 26.3

