

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104290.D
 Acq On : 6 Apr 2018 00:31
 Operator : JU/SJ
 Sample : J2227-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:12:03 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

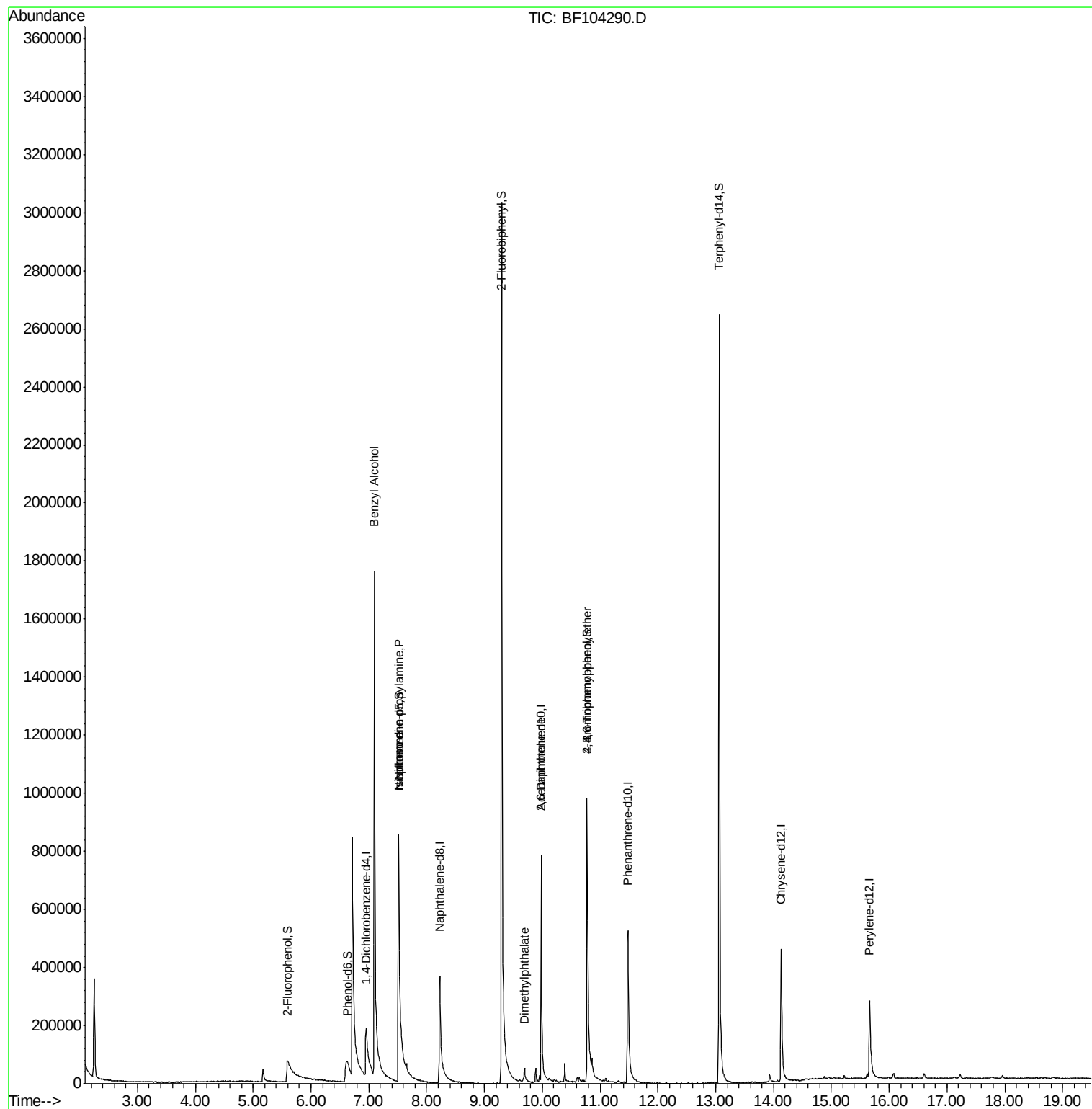
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	102123	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	484214	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	225737	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	408052	20.00	ng	0.00
75) Chrysene-d12	14.13	240	279193	20.00	ng	-0.01
86) Perylene-d12	15.66	264	225744	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	197843	30.90	ng	0.00
7) Phenol-d6	6.62	99	172524	21.90	ng	0.02
23) Nitrobenzene-d5	7.52	82	792860	100.14	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	236181	93.96	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1533943	107.16	ng	0.00
78) Terphenyl-d14	13.06	244	1315944	108.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	11695	2.283	ng	# 40
19) n-Nitroso-di-n-propylamine	7.52	70	87916	18.803	ng	# 71
25) Isophorone	7.52	82	812599	55.689	ng	# 64
49) Dimethylphthalate	9.69	163	36550	2.051	ng	# 98
50) 2,6-Dinitrotoluene	9.98	165	27369	7.138	ng	# 25
66) 4-Bromophenyl-phenylether	10.77	248	13750	3.150	ng	# 1

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

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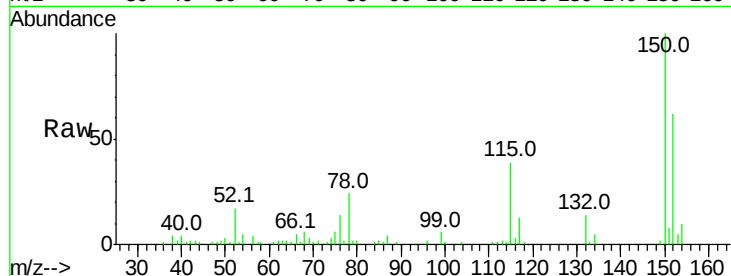


#1

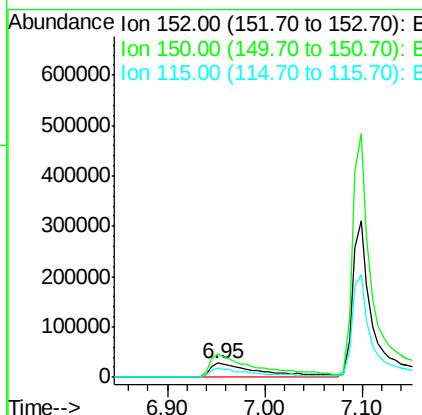
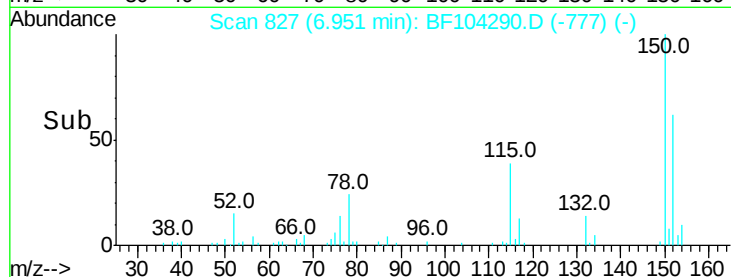
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104290.D
Acq: 6 Apr 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	63.2	50.1	75.1



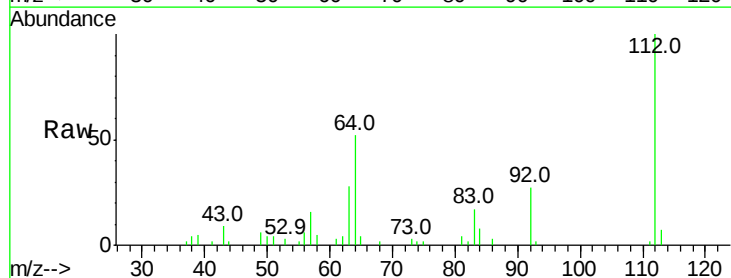
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



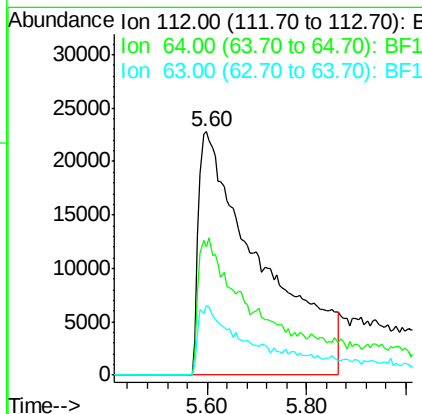
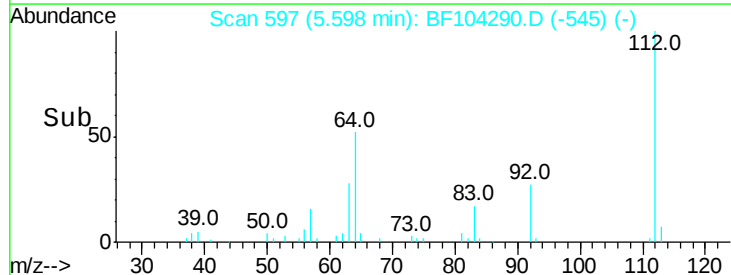
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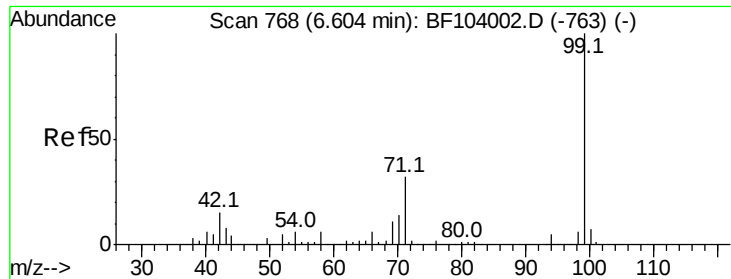
2-Fluorophenol
Concen: 30.895 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104290.D
Acq: 6 Apr 2018 00:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.9	71.9
63	28.4	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: 21.898 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104290.D

Acq: 6 Apr 2018 00:31

Instrument :

BNA_F

ClientSampleId :

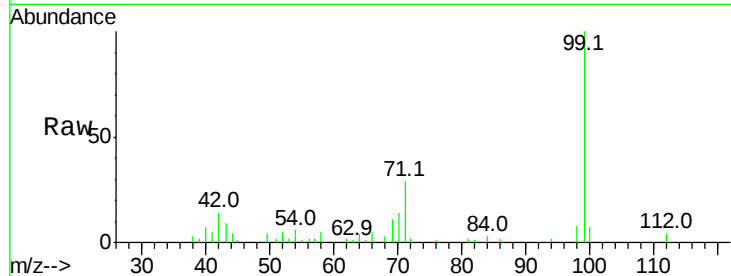
Tot Ion: 99 Resp: 172524

Ion Ratio Lower Upper

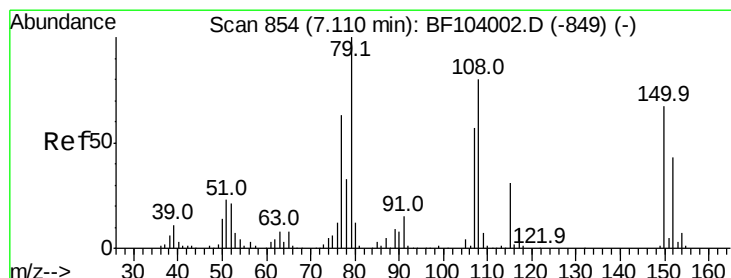
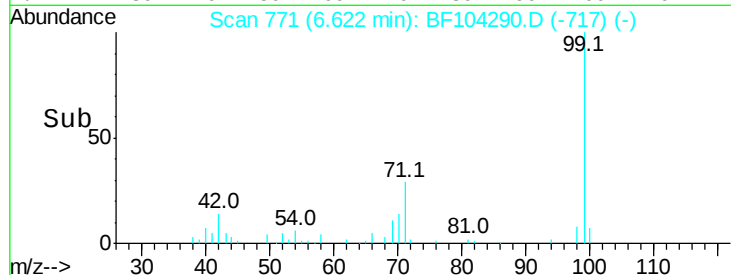
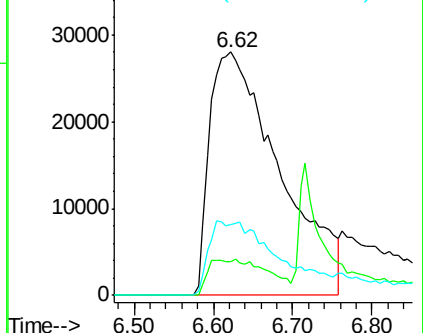
99 100

42 13.8 14.5 21.7#

71 29.2 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: 2.283 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104290.D

Acq: 6 Apr 2018 00:31

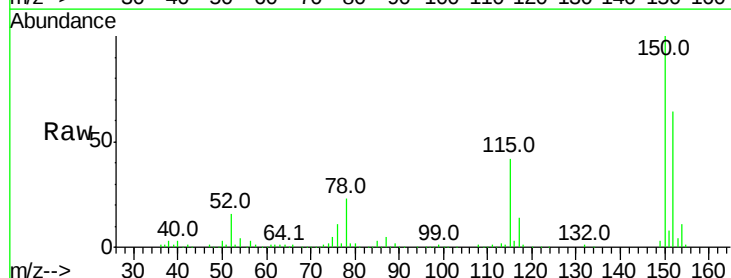
Tgt Ion: 79 Resp: 11695

Ion Ratio Lower Upper

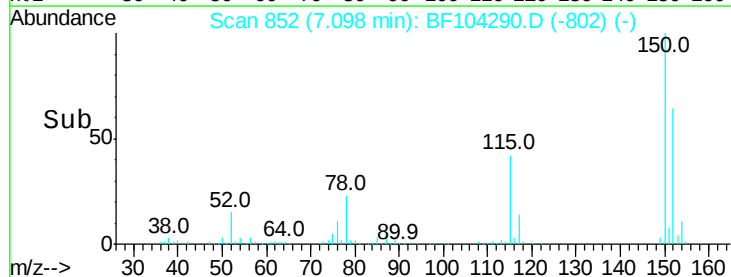
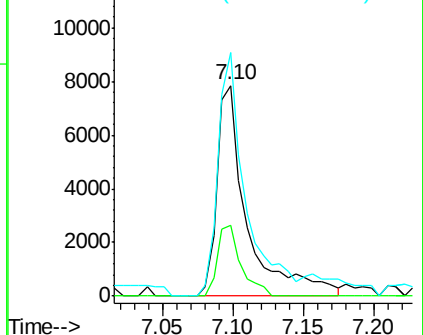
79 100

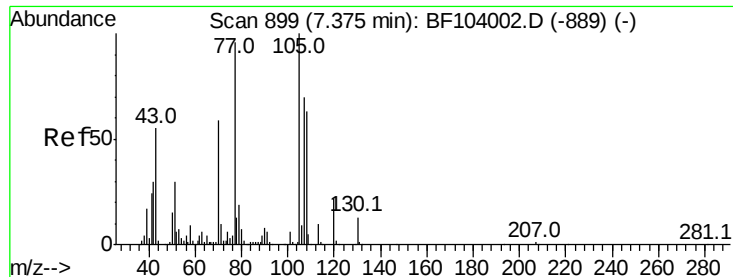
108 33.6 65.1 97.7#

77 115.7 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

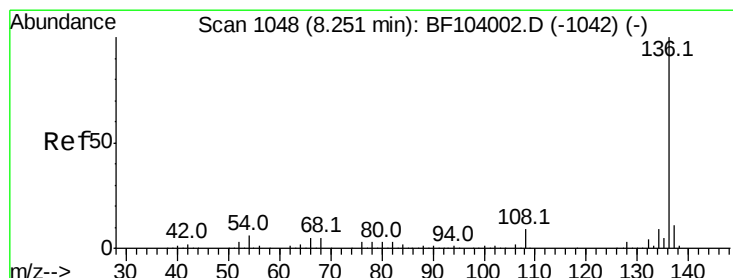
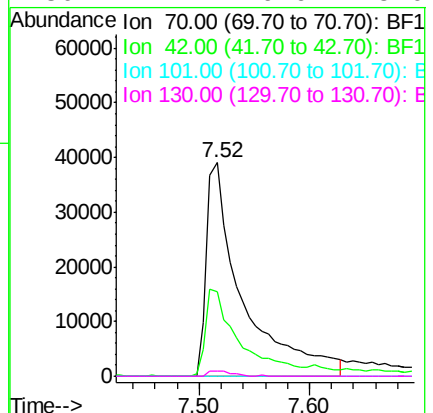
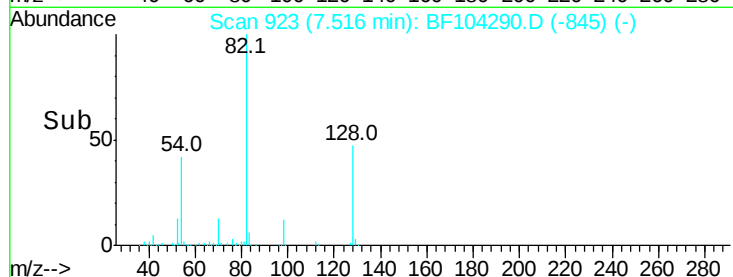
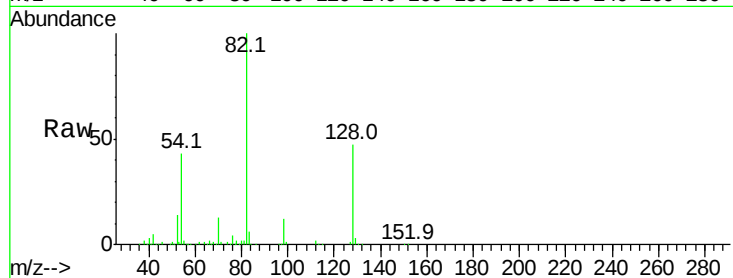




#19
n-Nitroso-di-n-propylamine
Concen: 18.803 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104290.D
Acq: 6 Apr 2018 00:31

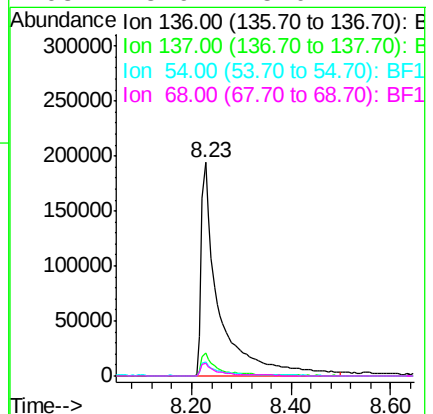
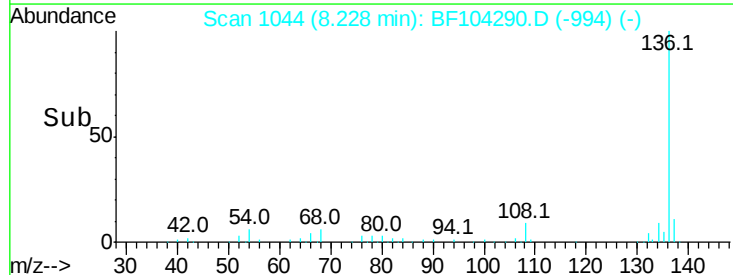
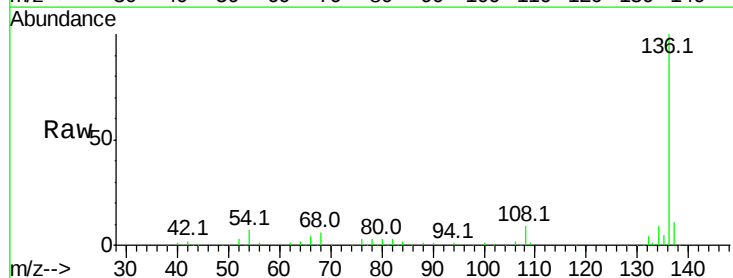
Instrument :
BNA_F
ClientSampleId :

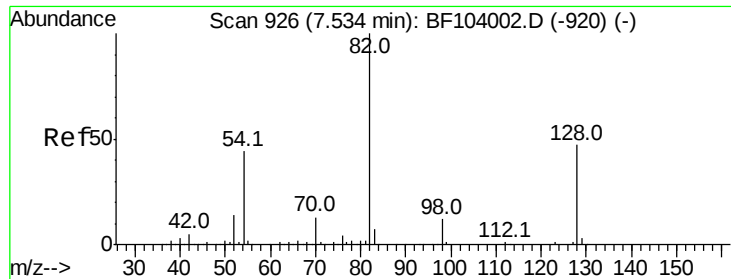
Tot Ion: 70 Resp: 87916
Ion Ratio Lower Upper
70 100
42 39.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104290.D
Acq: 6 Apr 2018 00:31

Tgt Ion: 136 Resp: 484214
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.7 6.6 9.8
68 5.9 5.0 7.4

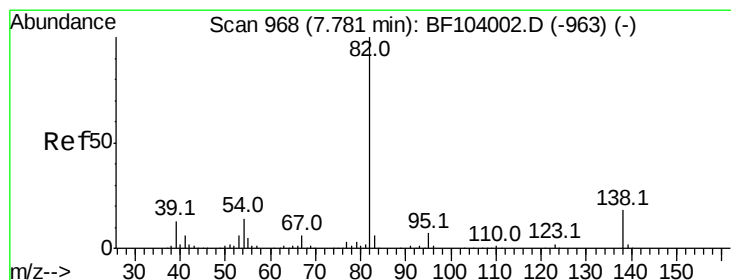
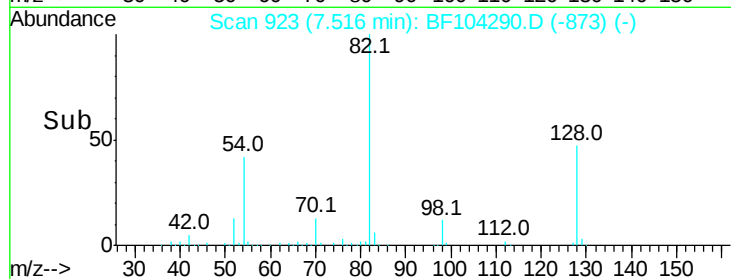
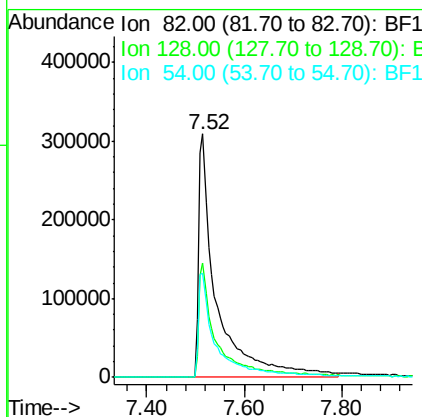
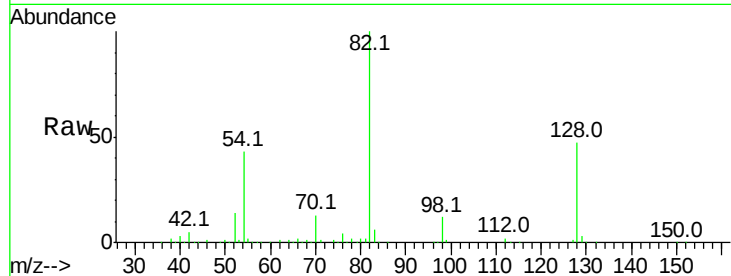




#23
Nitrobenzene-d5
Concen: 100.137 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104290.D
Acq: 6 Apr 2018 00:31

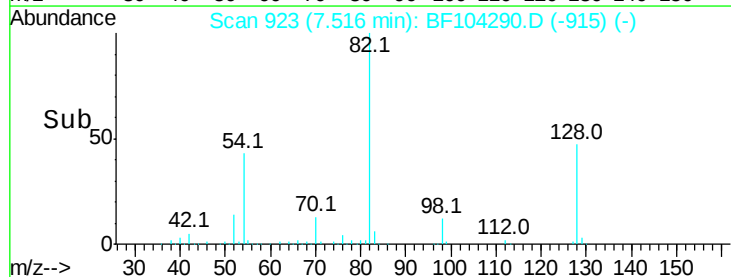
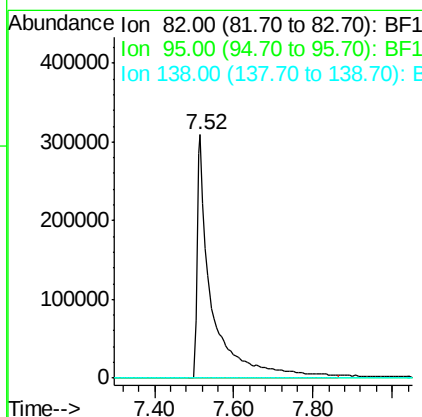
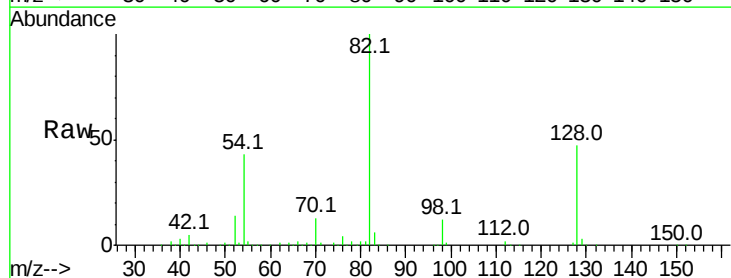
Instrument :
BNA_F
ClientSampleId :

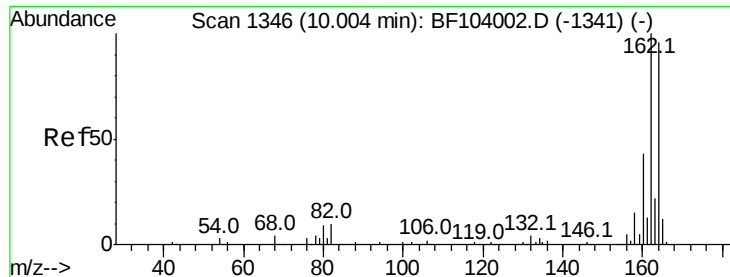
Tot Ion	82	Resp	792860
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.1	54.1
54	42.6	41.4	62.2



#25
Isophorone
Concen: 55.689 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104290.D
Acq: 6 Apr 2018 00:31

Tgt Ion	82	Resp	812599
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

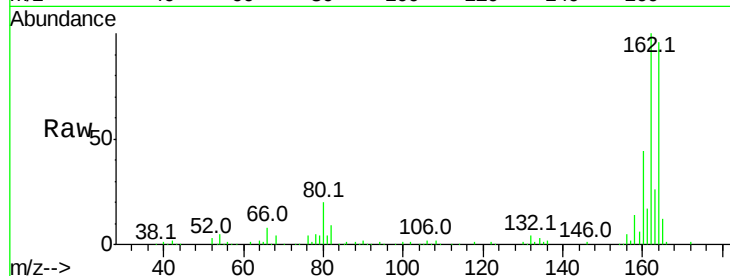




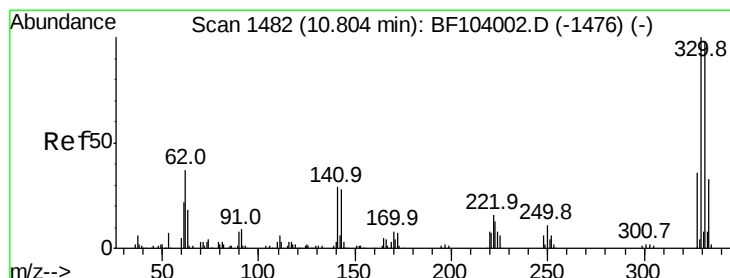
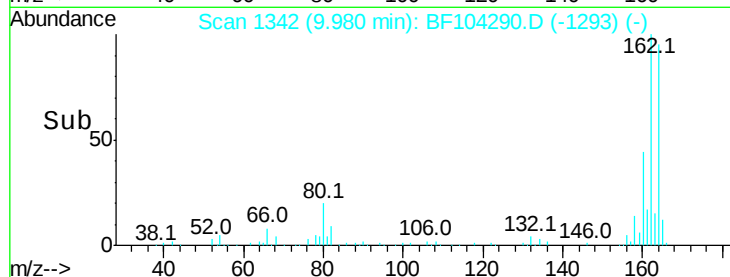
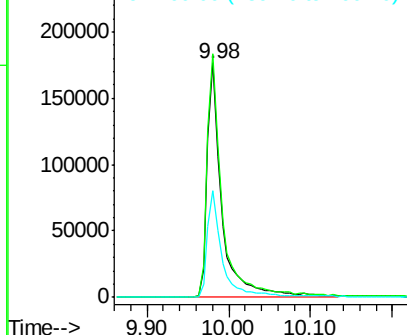
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104290.D
 Acq: 6 Apr 2018 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.5	38.3	57.5

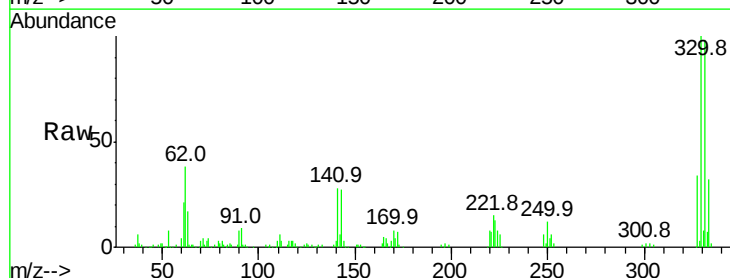


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

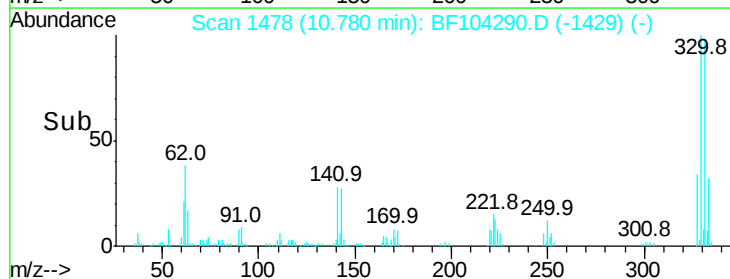
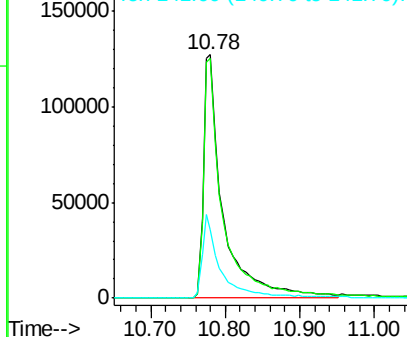


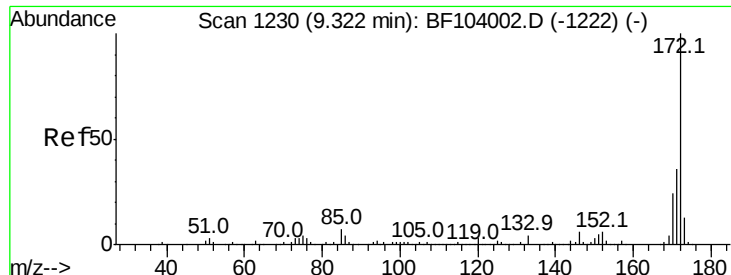
#41
 2,4,6-Tribromophenol
 Concen: 93.962 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104290.D
 Acq: 6 Apr 2018 00:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.6	77.0	115.6
141	33.1	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

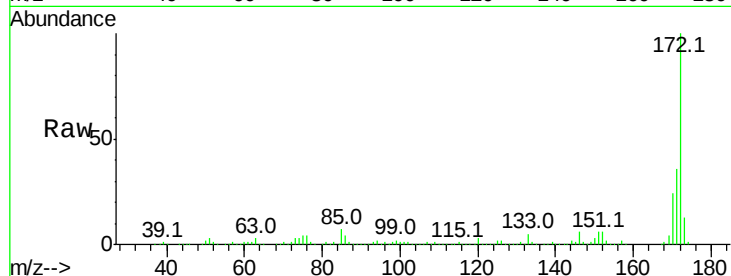




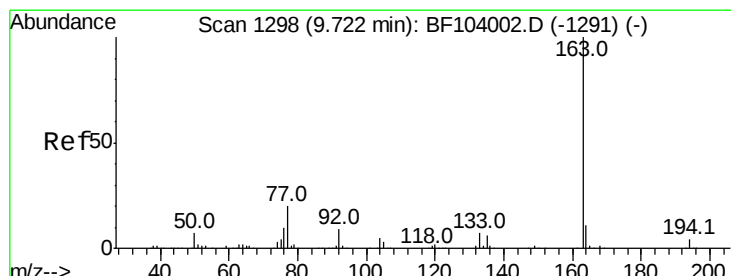
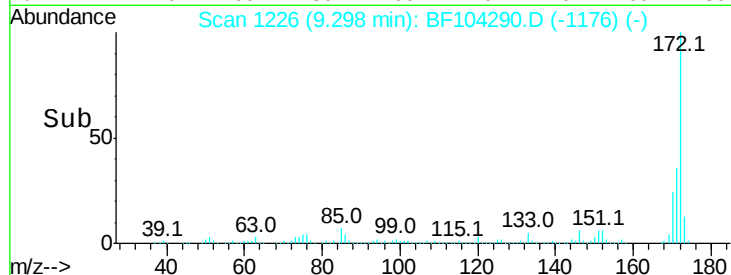
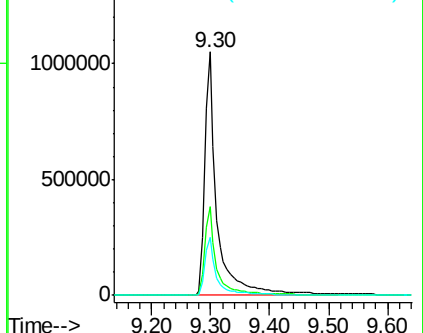
#44
2-Fluorobiphenyl
Concen: 107.156 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF104290.D
Acq: 6 Apr 2018 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1533943
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.0 19.6 29.4

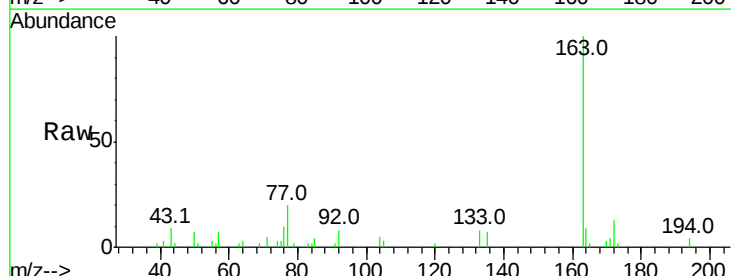


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

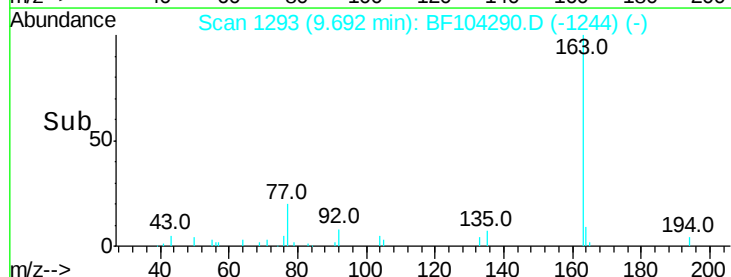
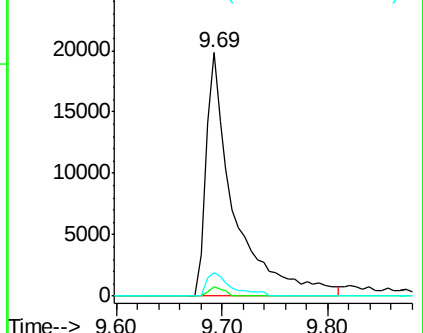


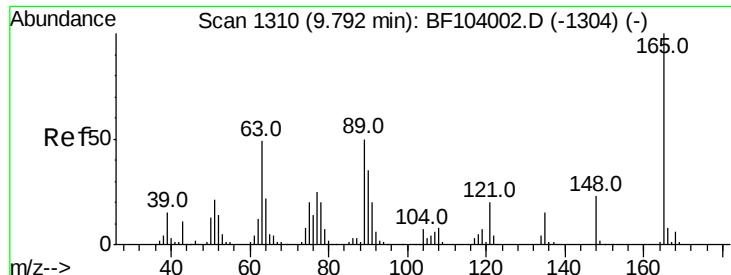
#49
Dimethylphthalate
Concen: 2.051 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104290.D
Acq: 6 Apr 2018 00:31

Tgt Ion:163 Resp: 36550
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.4 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

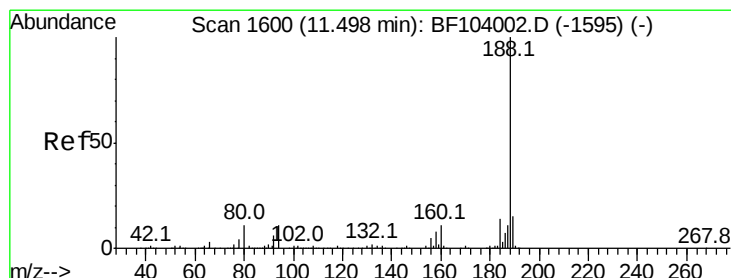
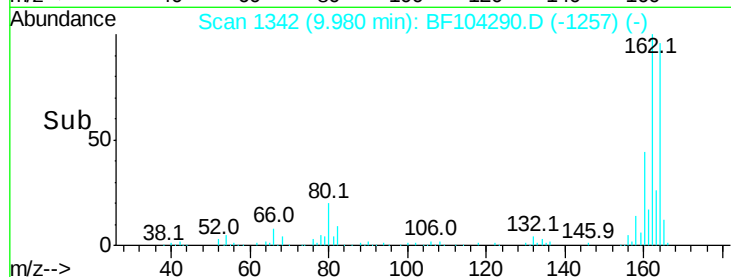
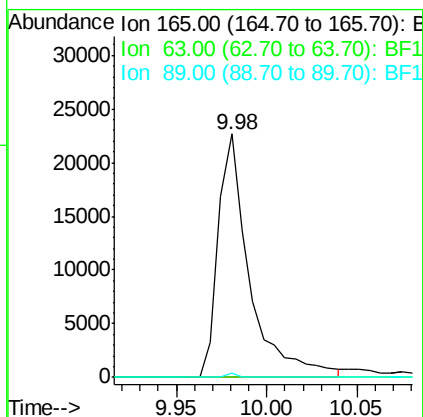
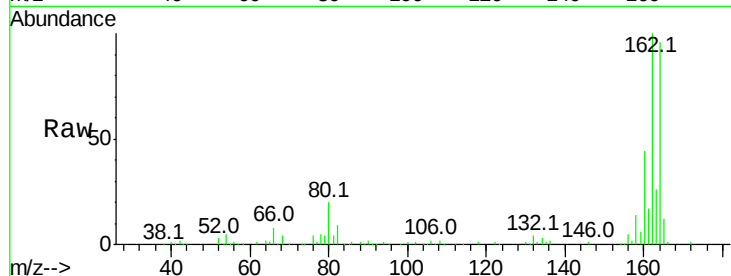




#50
 2,6-Dinitrotoluene
 Concen: 7.138 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.20 min
 Lab File: BF104290.D
 Acq: 6 Apr 2018 00:31

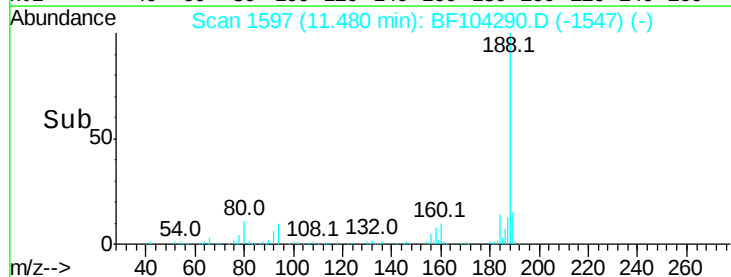
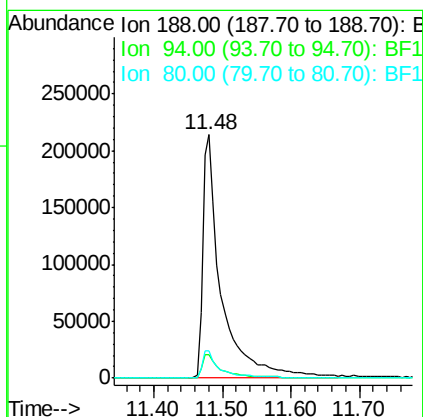
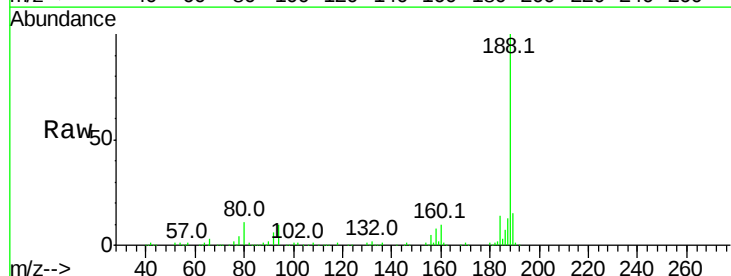
Instrument :
 BNA_F
 ClientSampleId :

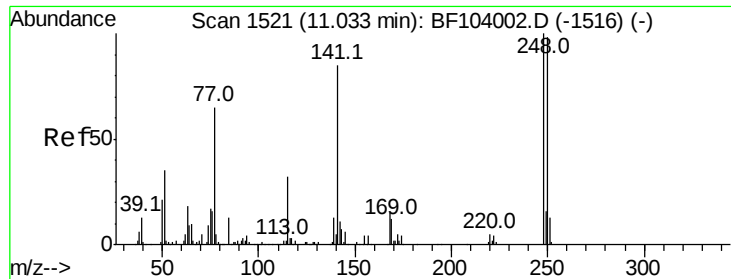
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF104290.D
 Acq: 6 Apr 2018 00:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.1	9.2	13.8

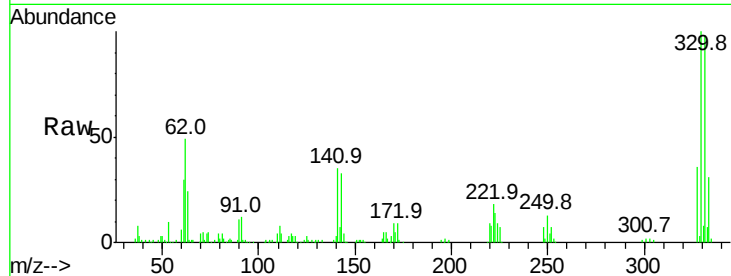




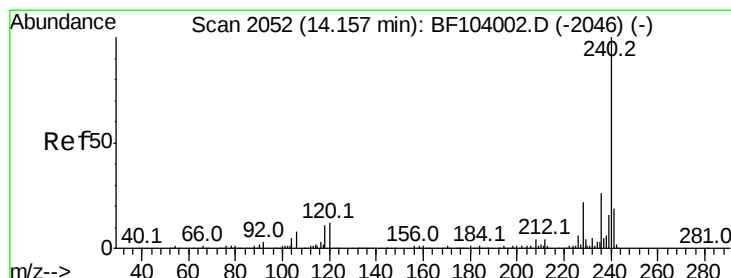
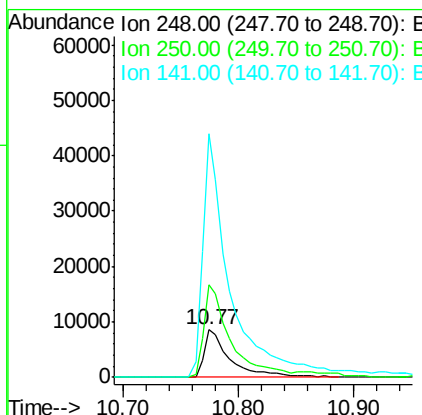
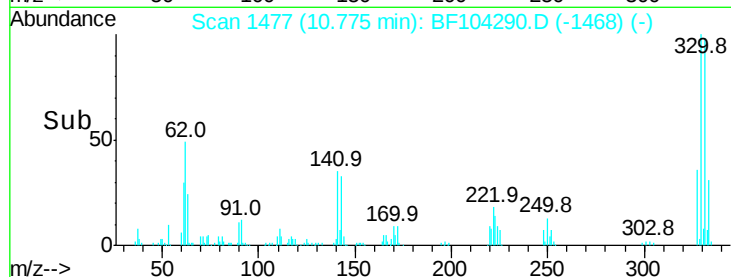
#66
 4-Bromophenyl-phenylether
 Concen: 3.150 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF104290.D
 Acq: 6 Apr 2018 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13750
 Ion Ratio Lower Upper
 248 100
 250 196.2 76.9 115.3#
 141 516.5 74.4 111.6#

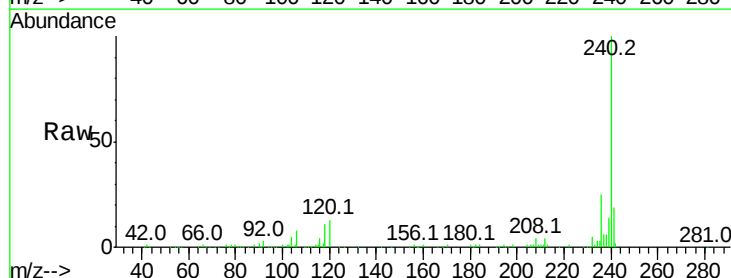


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

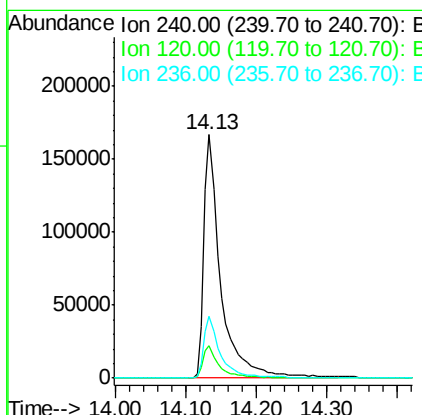
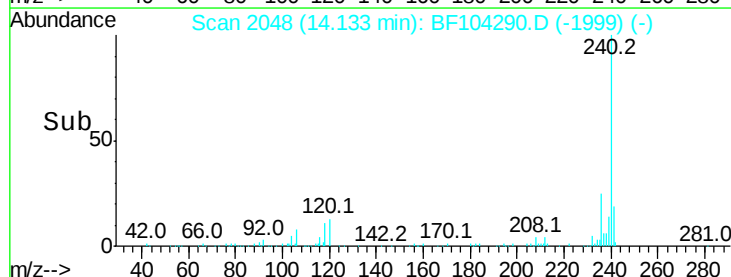


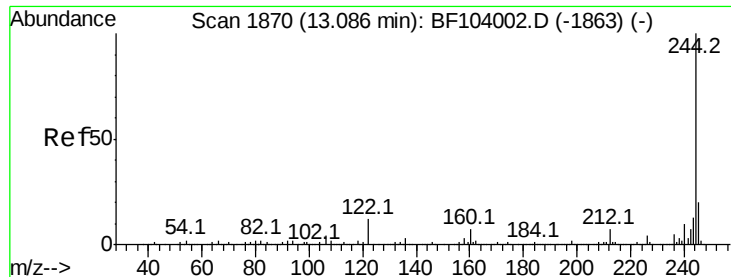
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF104290.D
 Acq: 6 Apr 2018 00:31

Tgt Ion:240 Resp: 279193
 Ion Ratio Lower Upper
 240 100
 120 13.2 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: 108.830 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104290.D

Acq: 6 Apr 2018 00:31

Instrument :

BNA_F

ClientSampleId :

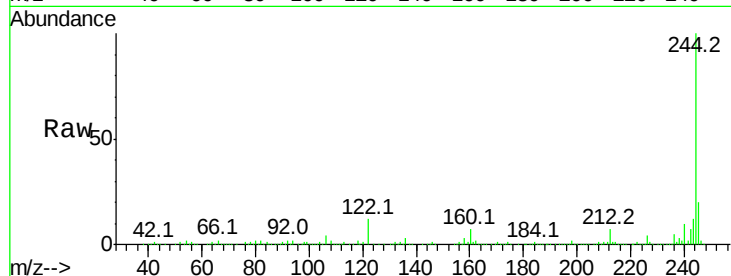
Tot Ion:244 Resp: 1315944

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

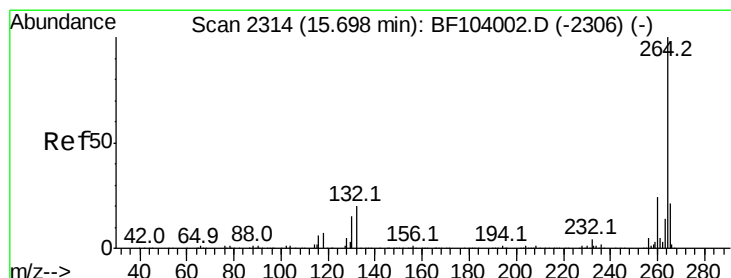
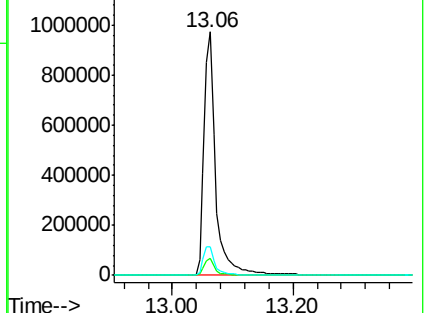
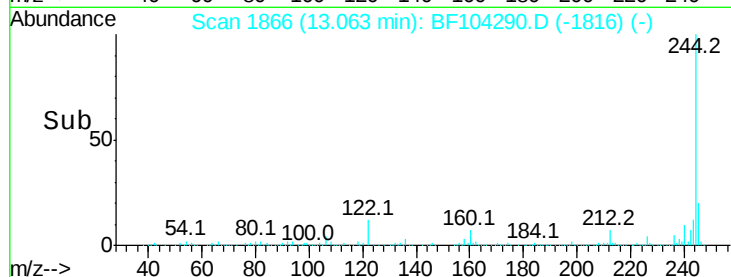
122 11.7 11.0 16.4



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: BF104290.D

Acq: 6 Apr 2018 00:31

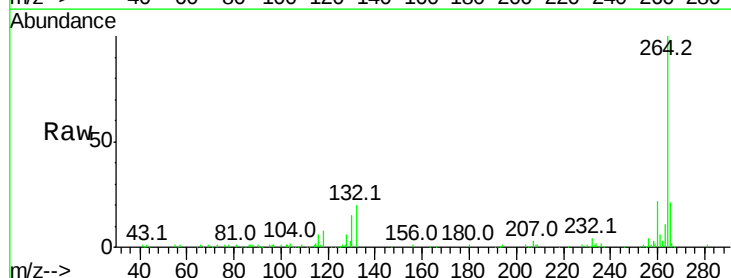
Tgt Ion:264 Resp: 225744

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 20.8 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

