

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104287.D
 Acq On : 5 Apr 2018 23:12
 Operator : JU/SJ
 Sample : J2227-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:11:32 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

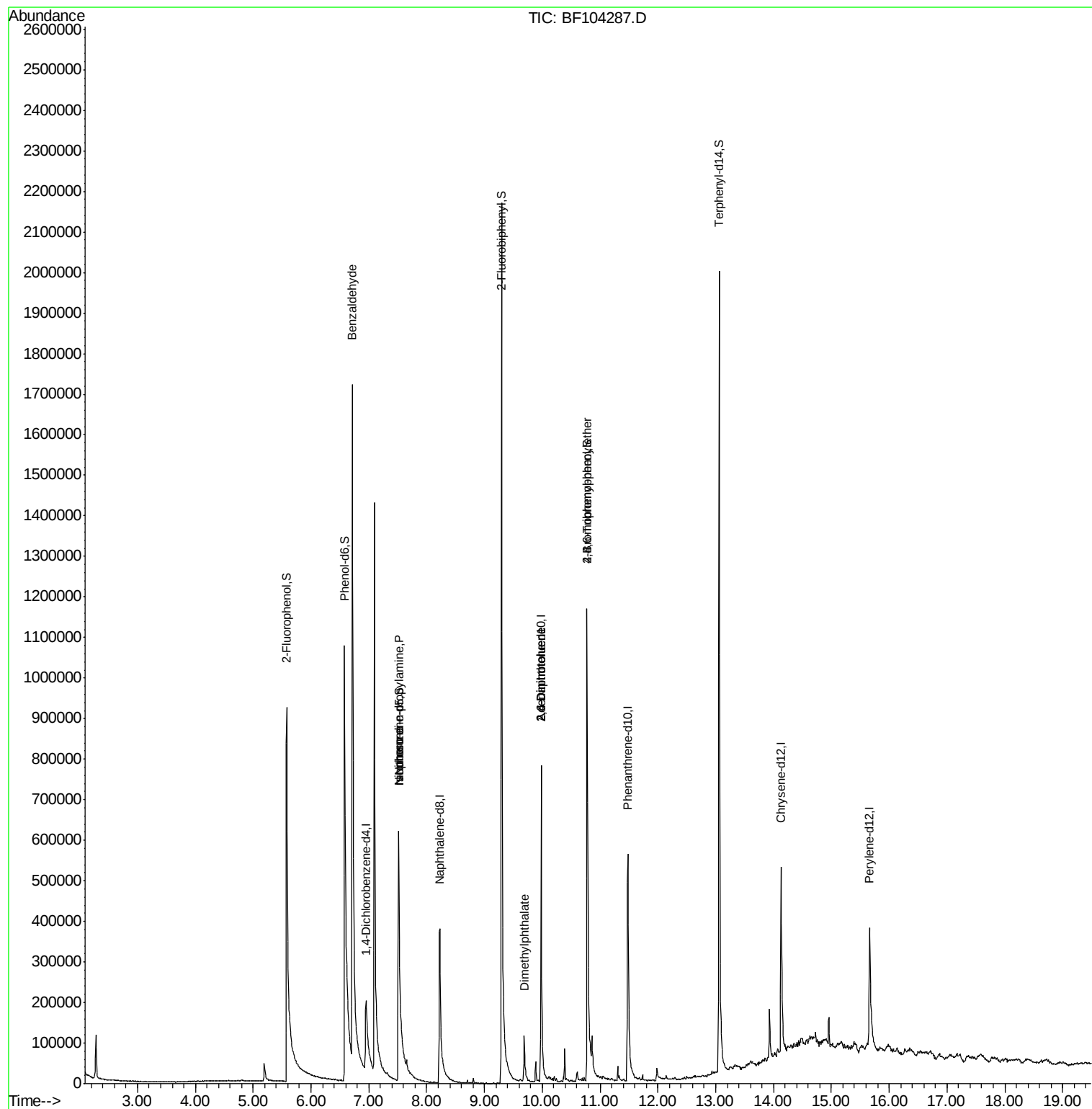
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	101270	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	459334	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	221326	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	406321	20.00	ng	0.00
75) Chrysene-d12	14.13	240	264920	20.00	ng	-0.01
86) Perylene-d12	15.66	264	218487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	720300	113.43	ng	-0.01
7) Phenol-d6	6.58	99	1041629	133.33	ng	-0.02
23) Nitrobenzene-d5	7.52	82	612787	81.59	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	274990	111.58	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1169837	83.35	ng	0.00
78) Terphenyl-d14	13.06	244	999236	87.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	15523	2.516	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	64356	13.880	ng	# 74
25) Isophorone	7.52	82	634303	45.825	ng	# 64
49) Dimethylphthalate	9.69	163	82397	4.715	ng	99
50) 2,6-Dinitrotoluene	9.98	165	26019	6.921	ng	# 26
56) 2,4-Dinitrotoluene	9.98	165	26179	5.457	ng	# 23
66) 4-Bromophenyl-phenylether	10.77	248	16753	3.854	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104287.D
Acq On : 5 Apr 2018 23:12
Operator : JU/SJ
Sample : J2227-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 06 01:11:32 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



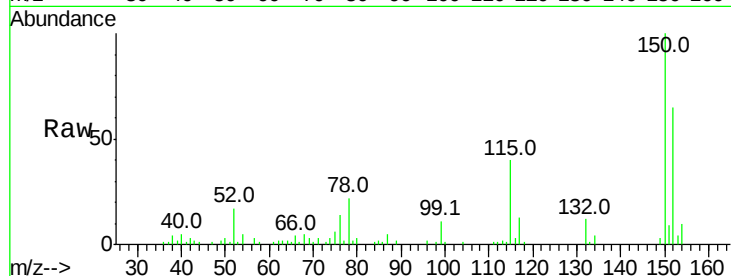


#1

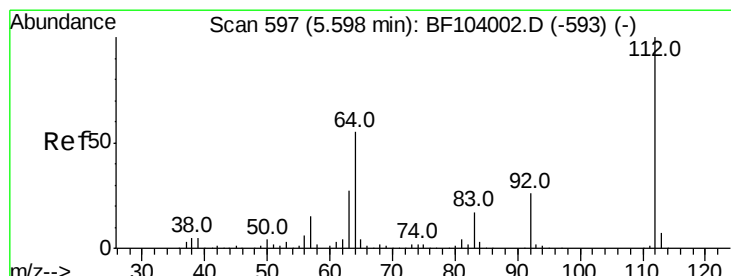
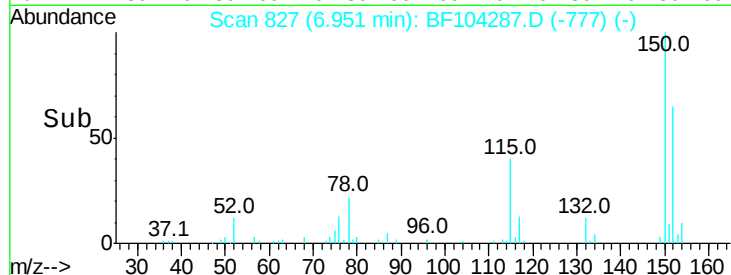
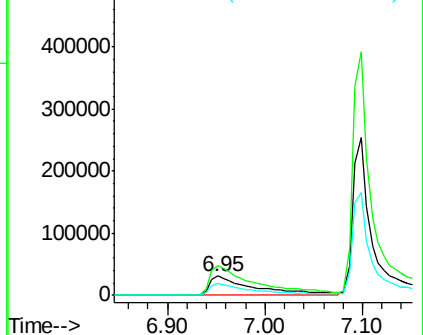
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101270
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 61.7 50.1 75.1



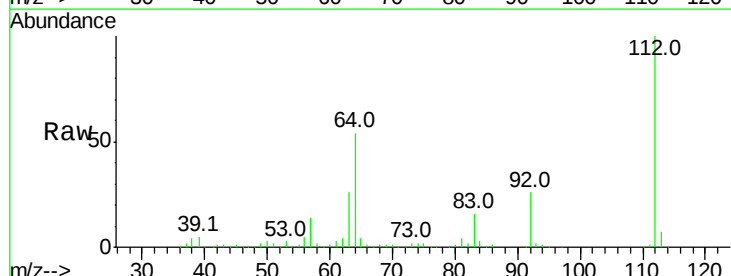
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



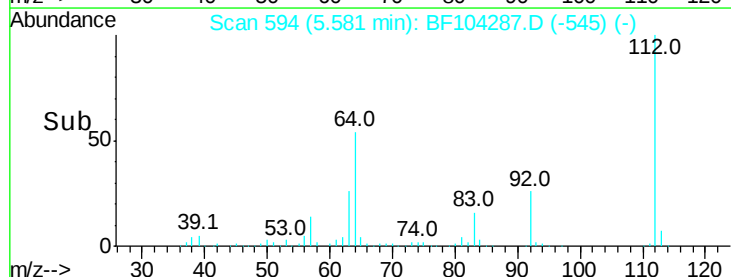
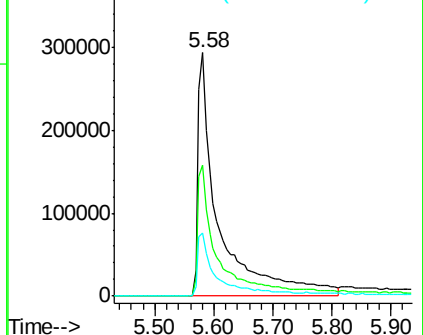
#5

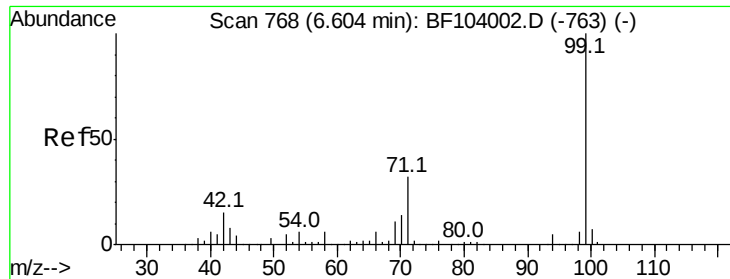
2-Fluorophenol
Concen: 113.429 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Tgt Ion:112 Resp: 720300
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 25.9 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: 133.325 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

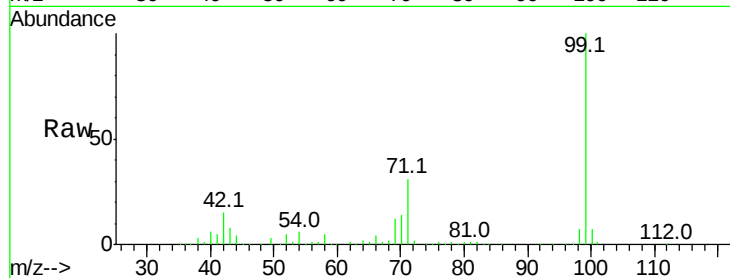
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1041629

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	31.5	25.4	38.0

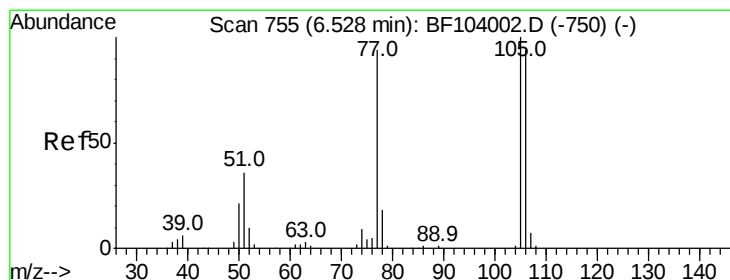
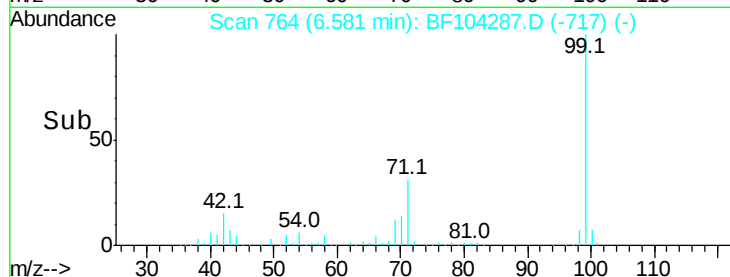
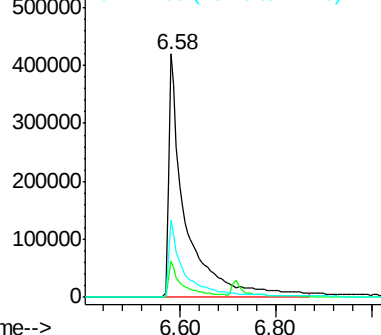


Abundance

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



#9

Benzaldehyde

Concen: 2.516 ng

RT: 6.72 min Scan# 787

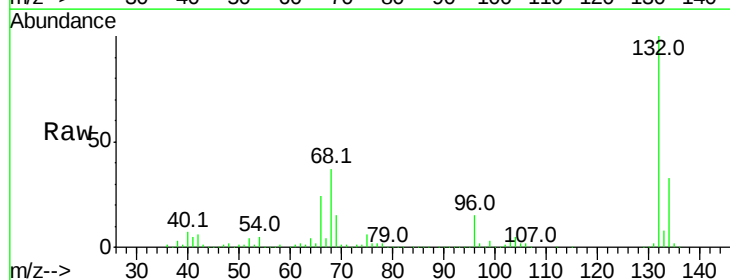
Delta R.T. 0.20 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

Tgt Ion: 77 Resp: 15523

Ion	Ratio	Lower	Upper
77	100		
105	83.6	81.1	121.1
106	79.2	74.5	114.5

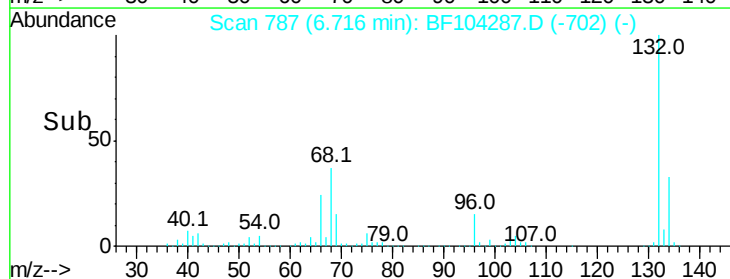
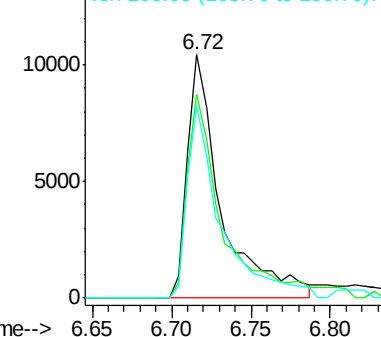


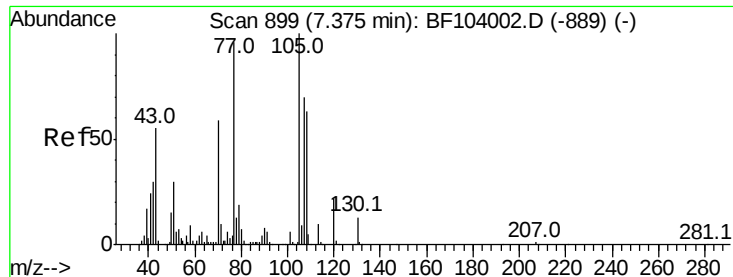
Abundance

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

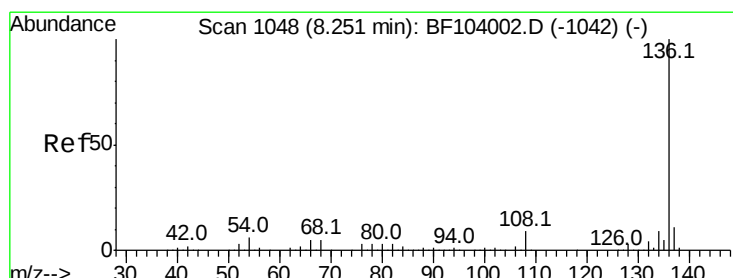
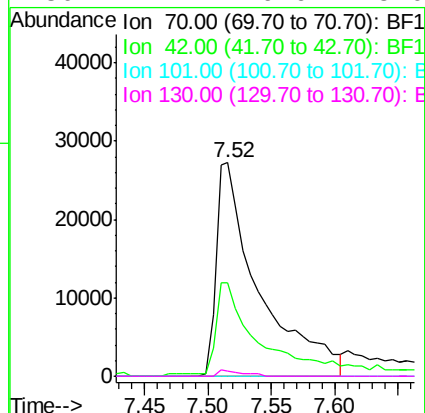
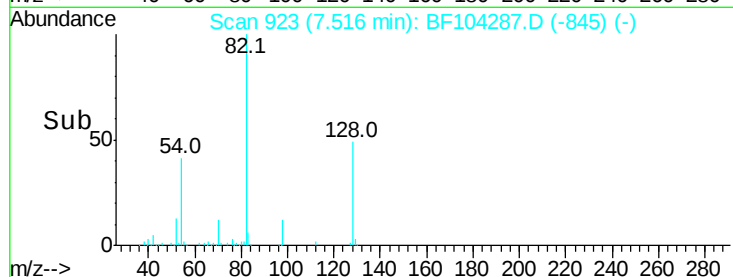
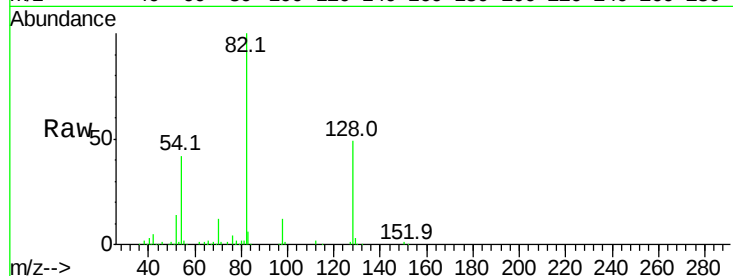




#19
n-Nitroso-di-n-propylamine
Concen: 13.880 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

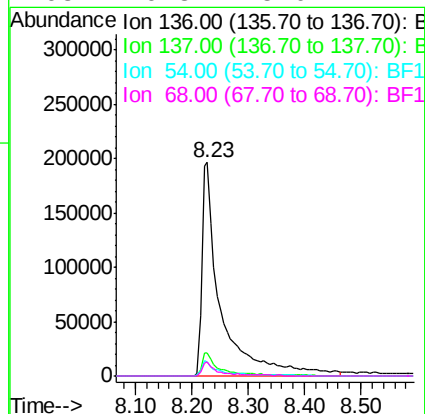
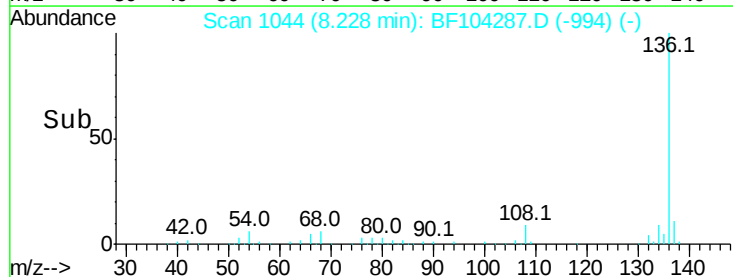
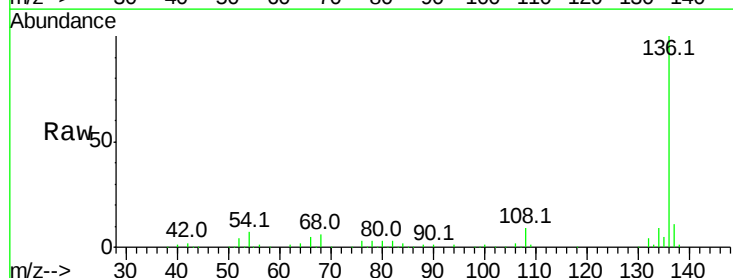
Instrument :
BNA_F
ClientSampled :

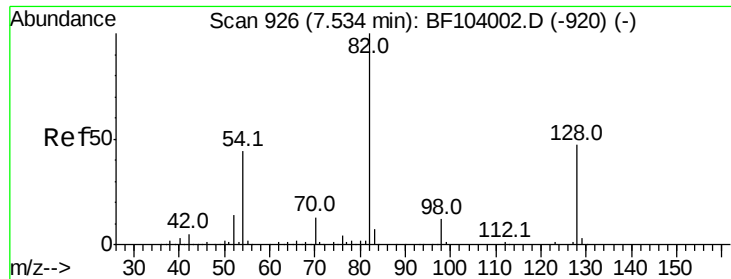
Tot Ion: 70 Resp: 64356
Ion Ratio Lower Upper
70 100
42 43.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Tgt Ion:136 Resp: 459334
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.8 6.6 9.8
68 6.3 5.0 7.4

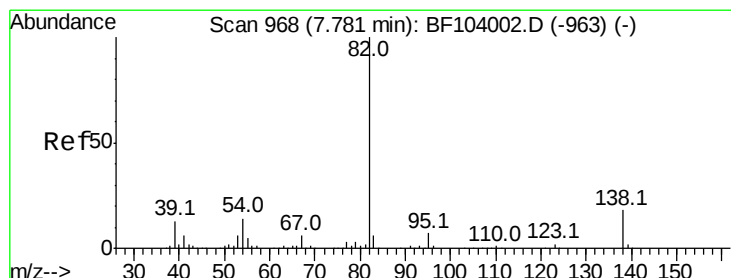
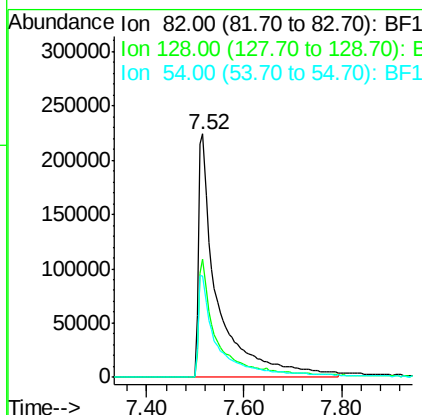
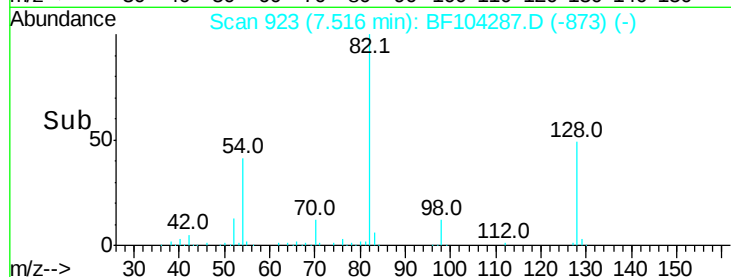
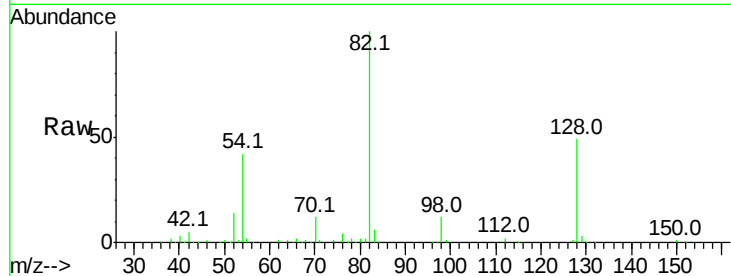




#23
 Nitrobenzene-d5
 Concen: 81.586 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

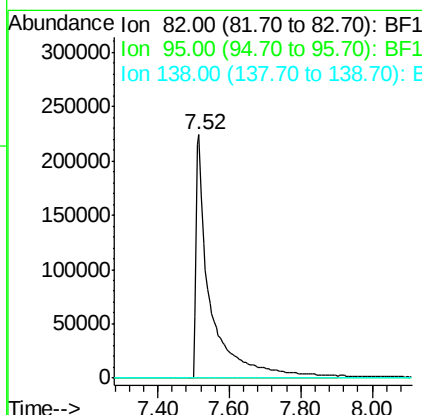
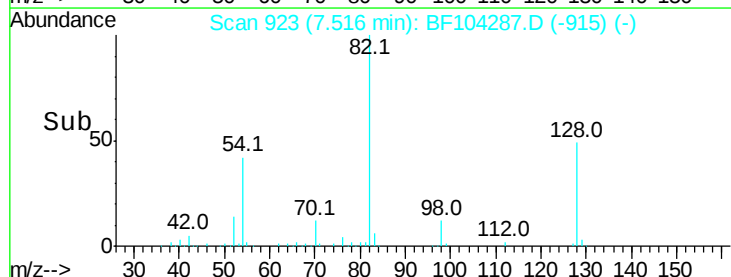
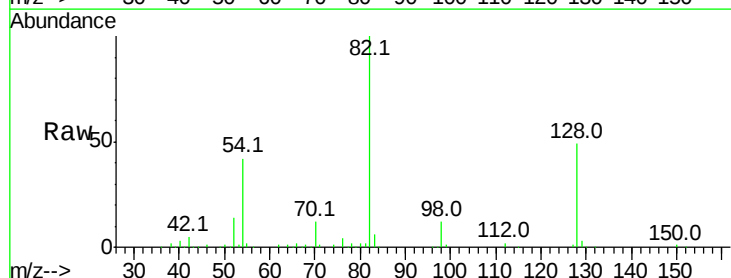
Instrument :
 BNA_F
 ClientSampleId :

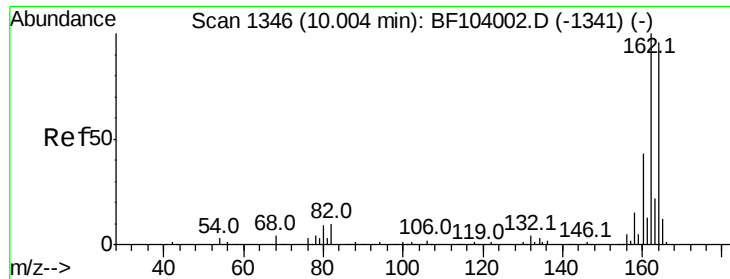
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	41.6	41.4	62.2



#25
 Isophorone
 Concen: 45.825 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

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

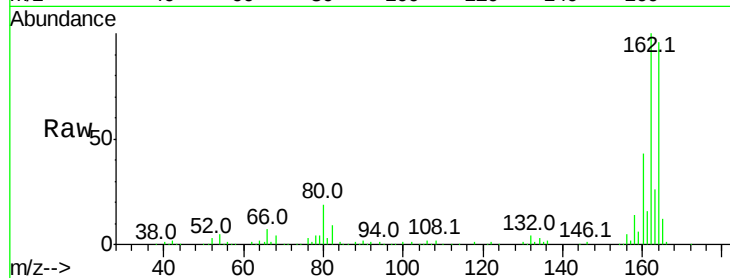




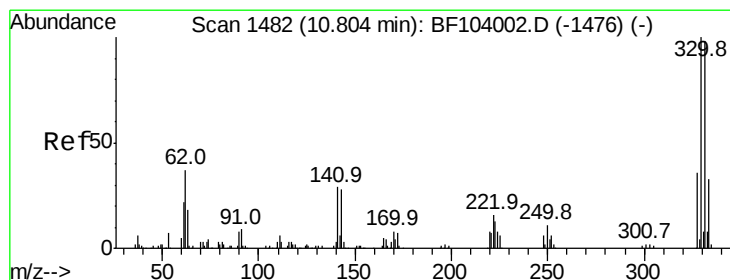
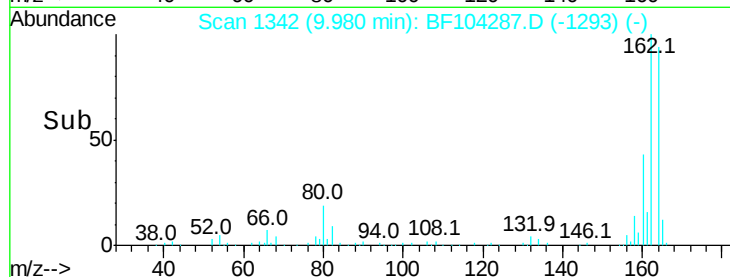
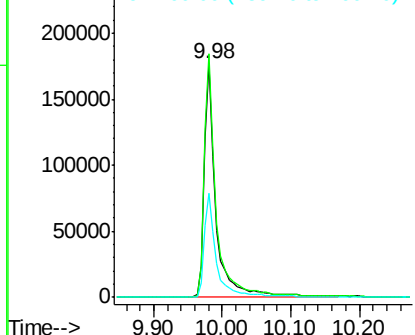
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 221326
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 44.7 38.3 57.5

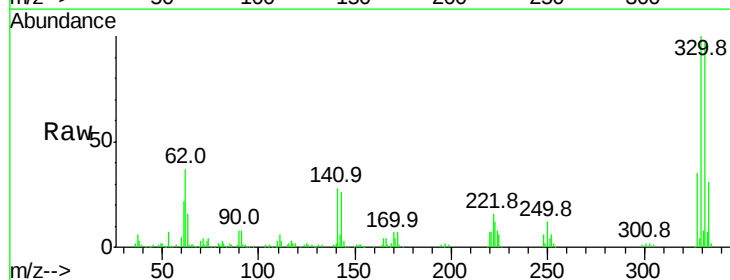


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

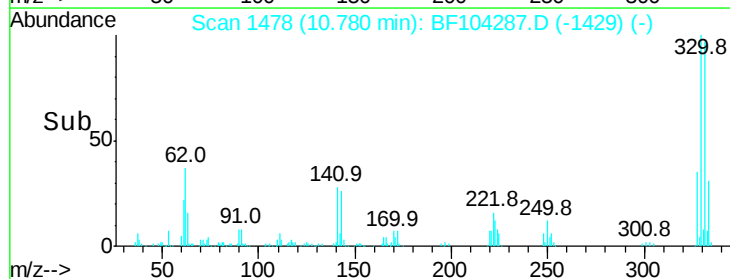
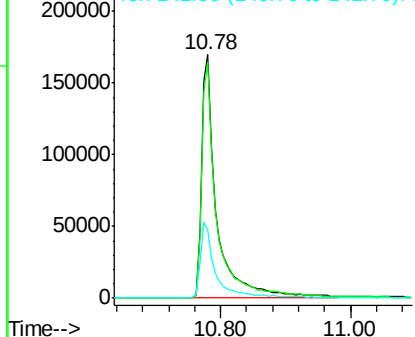


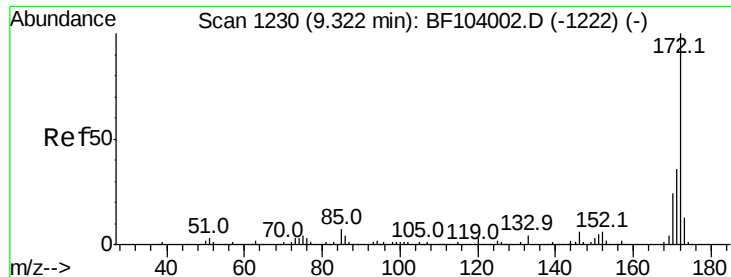
#41
2,4,6-Tribromophenol
Concen: 111.582 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Tgt Ion:330 Resp: 274990
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 31.9 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



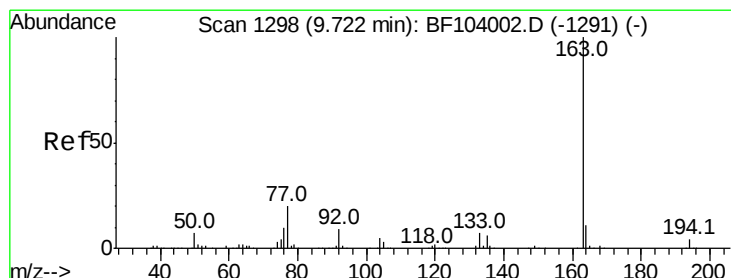
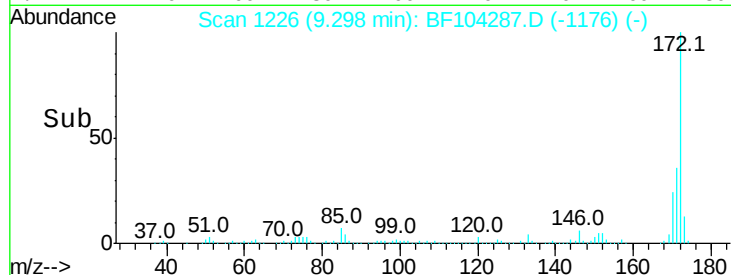
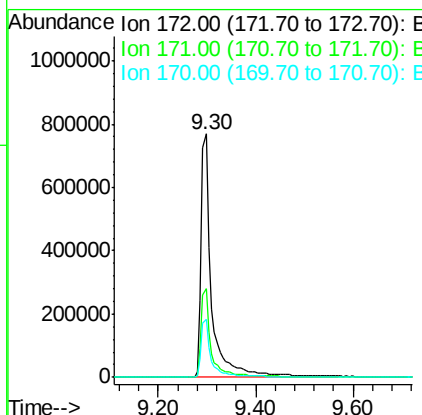
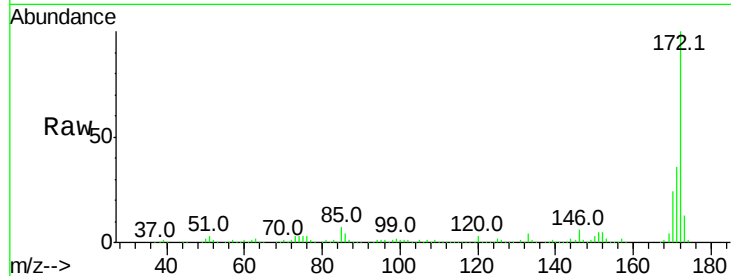


#44
 2-Fluorobiphenyl
 Concen: 83.349 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1169837

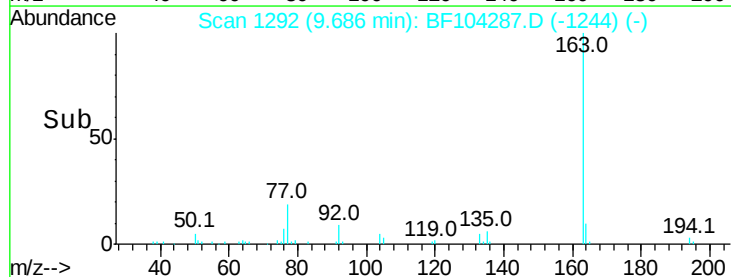
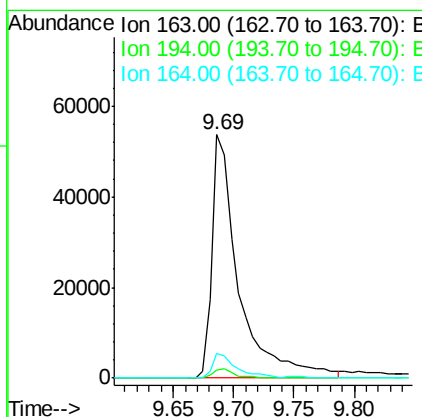
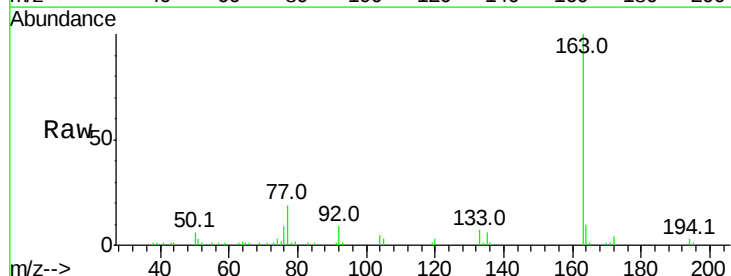
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4

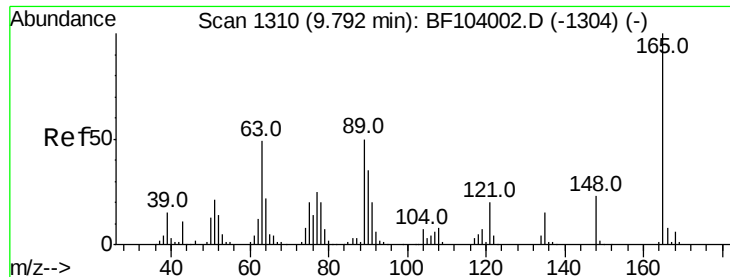


#49
 Dimethylphthalate
 Concen: 4.715 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

Tgt Ion:163 Resp: 82397

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

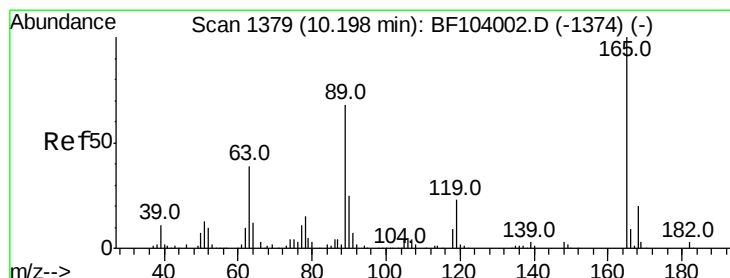
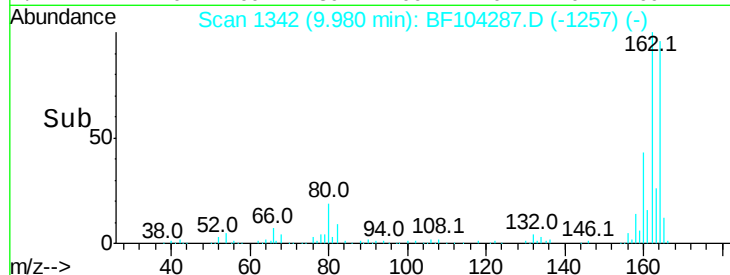
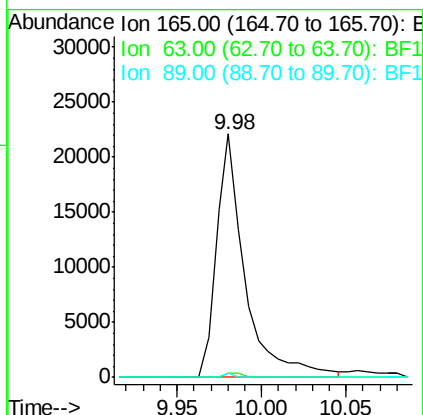
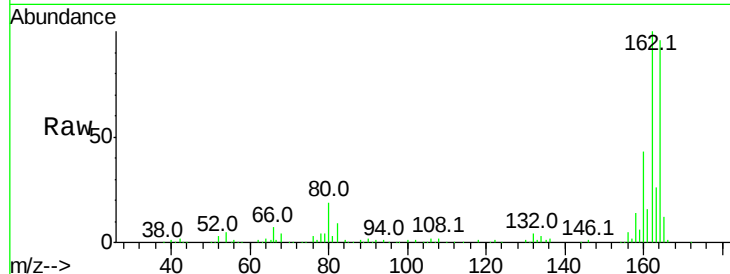




#50
 2,6-Dinitrotoluene
 Concen: 6.921 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.20 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

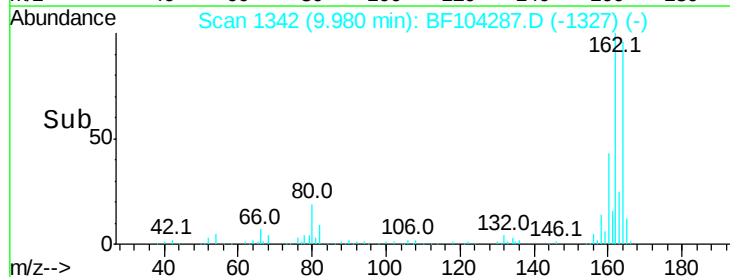
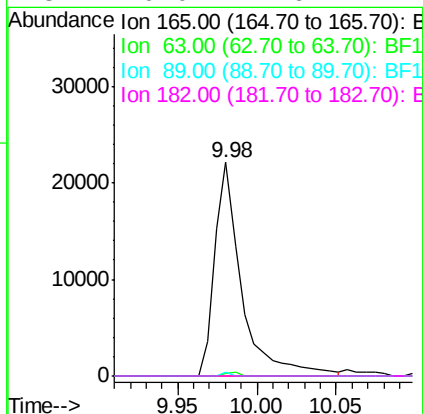
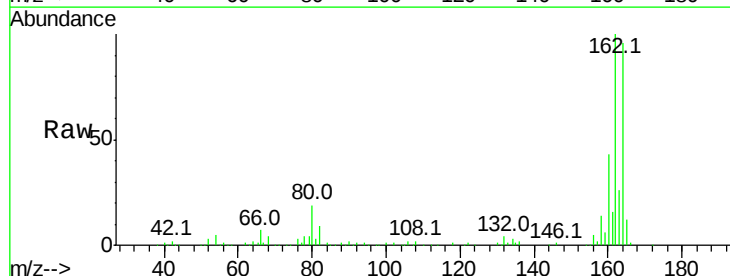
Instrument :
 BNA_F
 ClientSampleId :

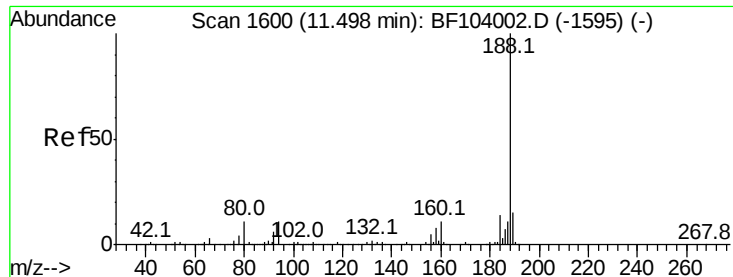
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.457 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104287.D
 Acq: 5 Apr 2018 23:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

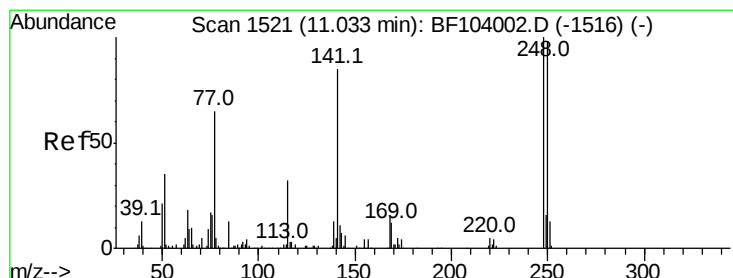
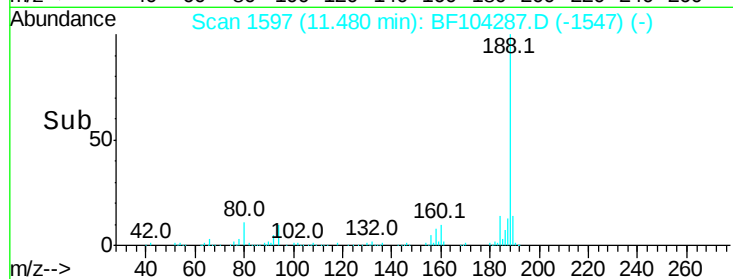
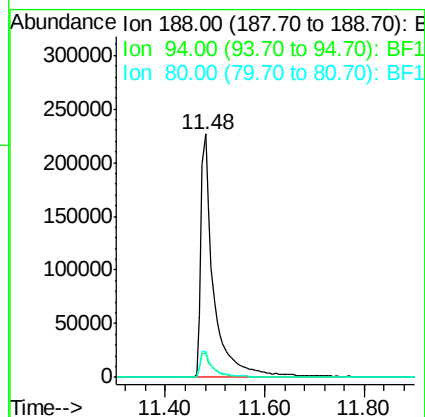
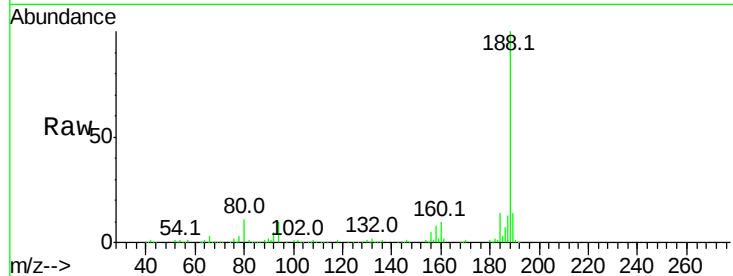




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

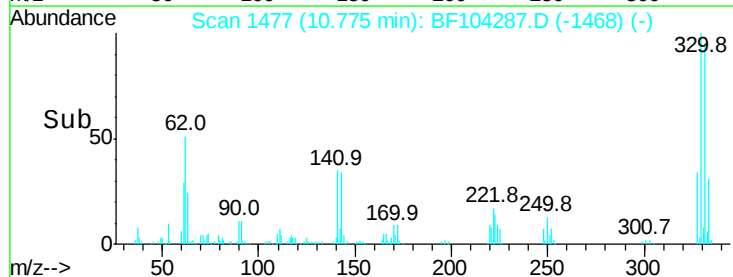
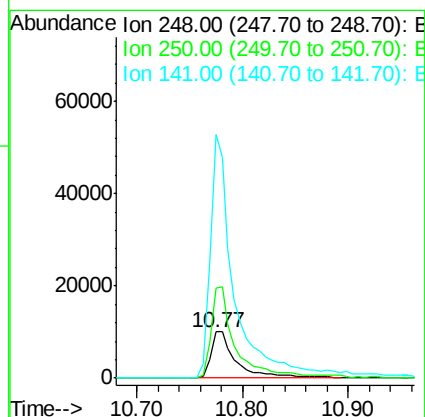
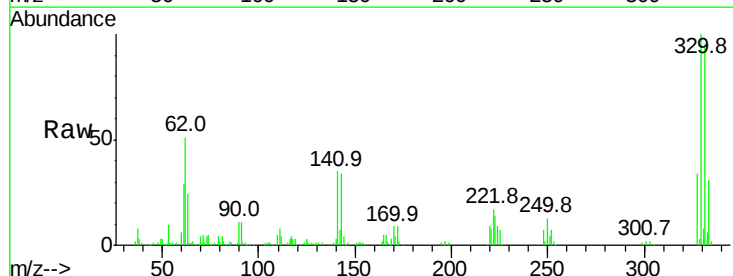
Instrument :
BNA_F
ClientSampleId :

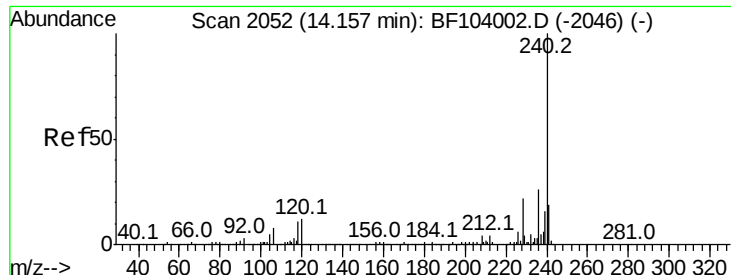
Tot Ion:188 Resp: 406321
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.854 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Tgt Ion:248 Resp: 16753
Ion Ratio Lower Upper
248 100
250 194.5 76.9 115.3#
141 528.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

Instrument :

BNA_F

ClientSampleId :

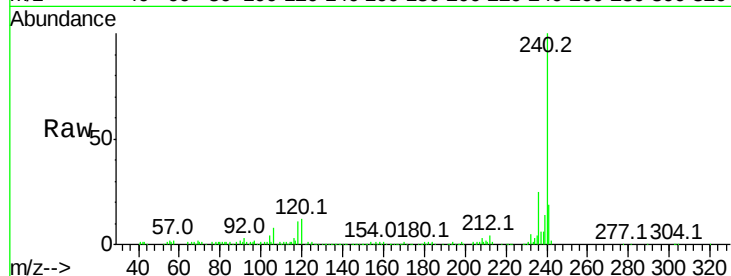
Tot Ion:240 Resp: 264920

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

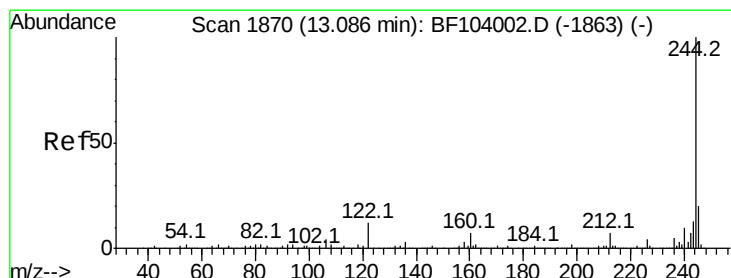
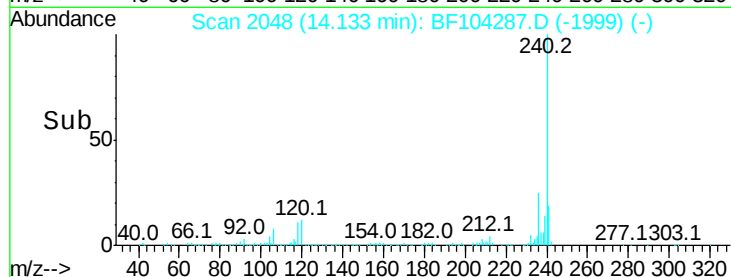
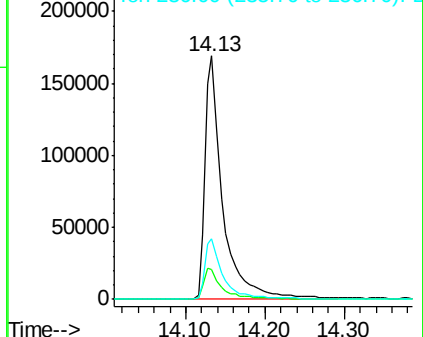
236 25.0 20.7 31.1



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: 87.090 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104287.D

Acq: 5 Apr 2018 23:12

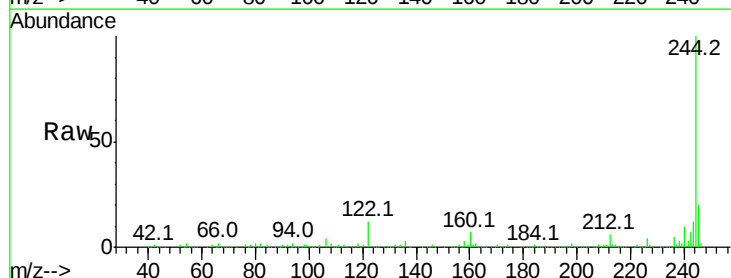
Tgt Ion:244 Resp: 999236

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

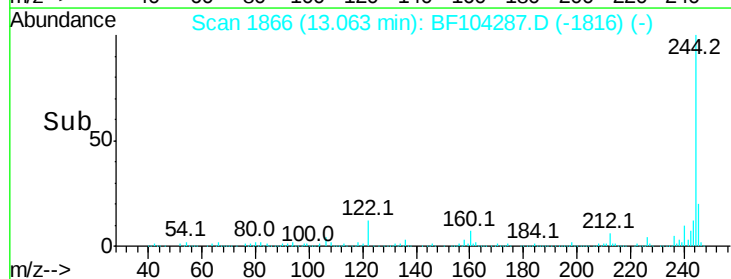
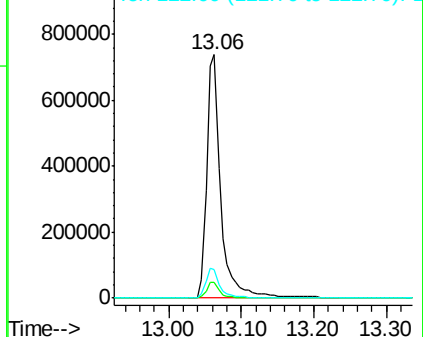
122 11.5 11.0 16.4

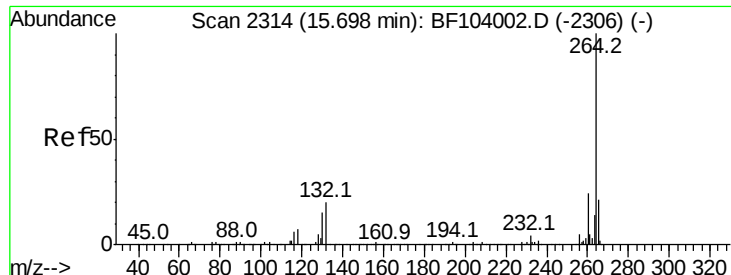


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.02 min
Lab File: BF104287.D
Acq: 5 Apr 2018 23:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3

