

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104132.D
 Acq On : 2 Apr 2018 13:56
 Operator : JU/SJ
 Sample : J2128-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 15:21:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

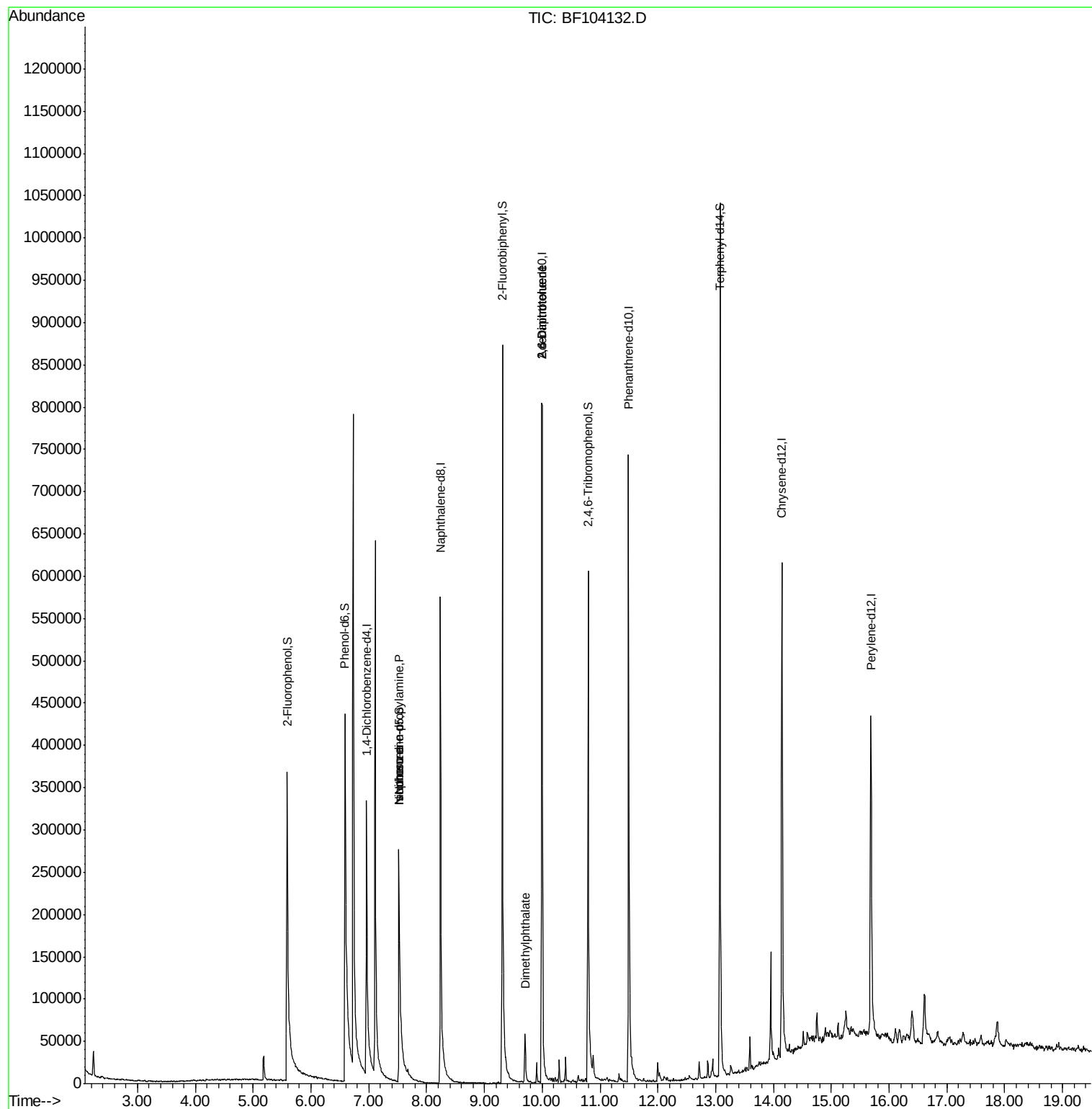
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	98469	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	415594	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	203800	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	385234	20.00	ng	0.00
75) Chrysene-d12	14.14	240	253725	20.00	ng	0.00
86) Perylene-d12	15.69	264	231663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	264920	42.90	ng	0.00
7) Phenol-d6	6.59	99	410743	54.07	ng	-0.01
23) Nitrobenzene-d5	7.52	82	240986	35.46	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	117793	51.91	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	394952	30.56	ng	0.00
78) Terphenyl-d14	13.07	244	401456	36.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	27596	6.121	ng	# 72
25) Isophorone	7.52	82	240986	19.242	ng	# 64
49) Dimethylphthalate	9.70	163	35310	2.194	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	25514	7.370	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	25948	5.874	ng	# 22

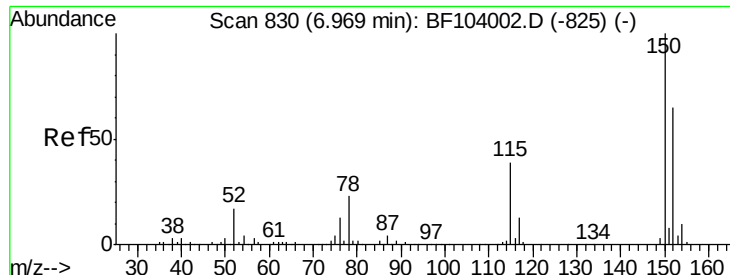
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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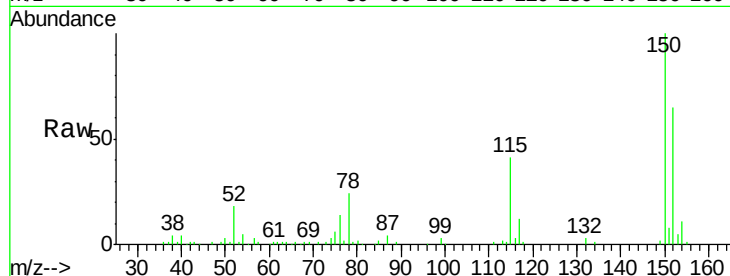


#1

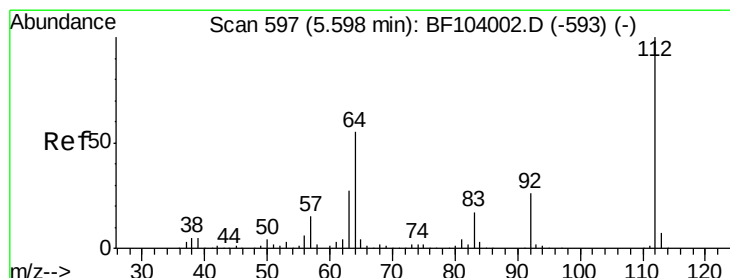
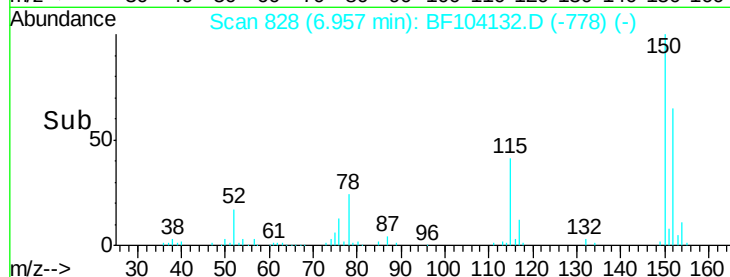
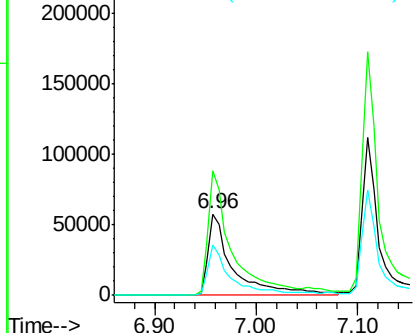
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104132.D
Acq: 2 Apr 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98469
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 62.3 50.1 75.1



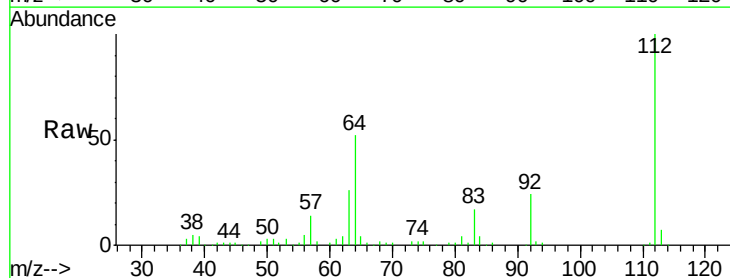
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



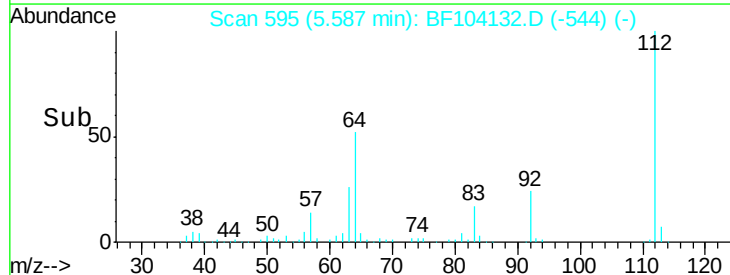
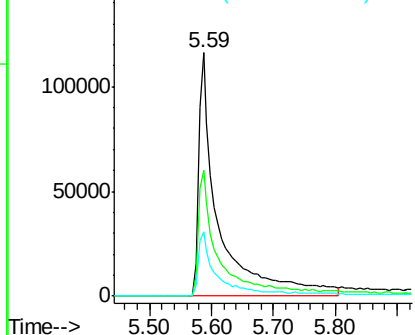
#5

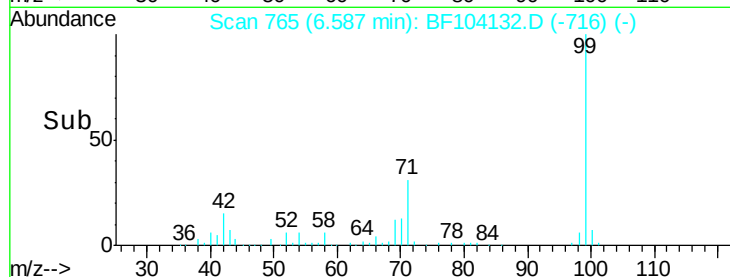
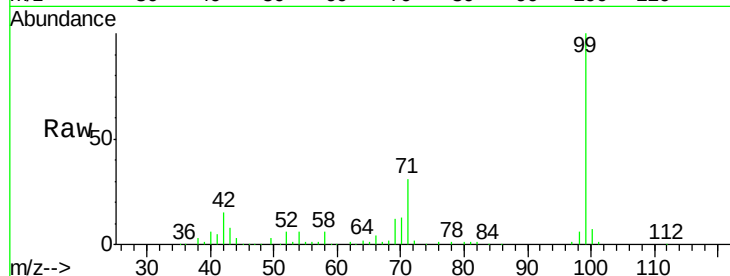
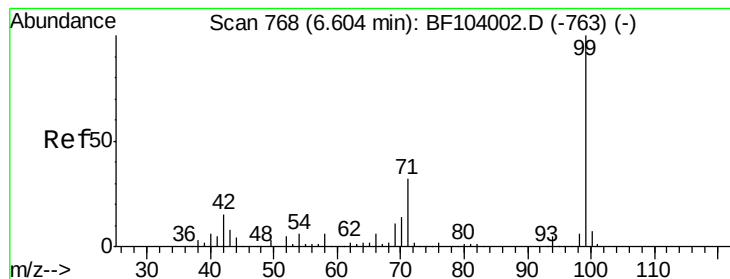
2-Fluorophenol
Concen: 42.905 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF104132.D
Acq: 2 Apr 2018 13:56

Tgt Ion:112 Resp: 264920
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 26.2 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: 54.069 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF104132.D

Acq: 2 Apr 2018 13:56

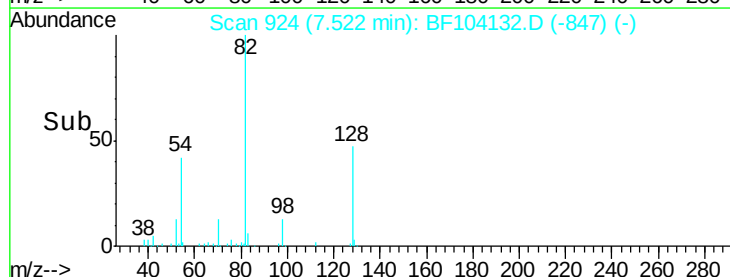
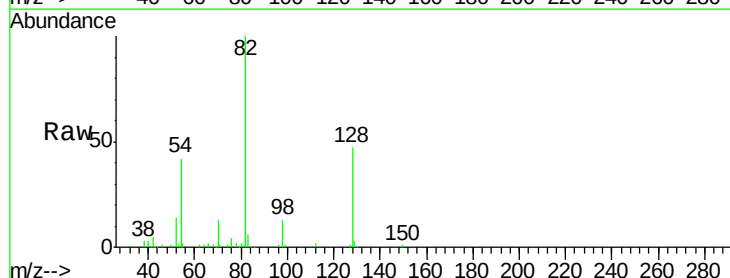
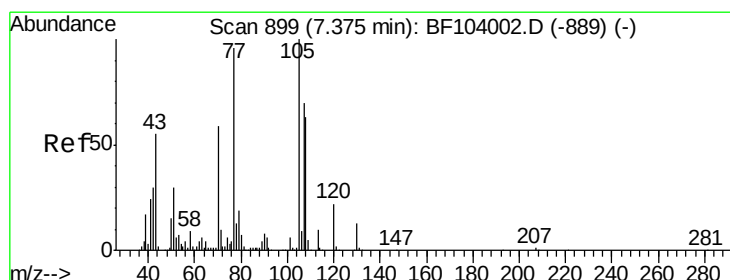
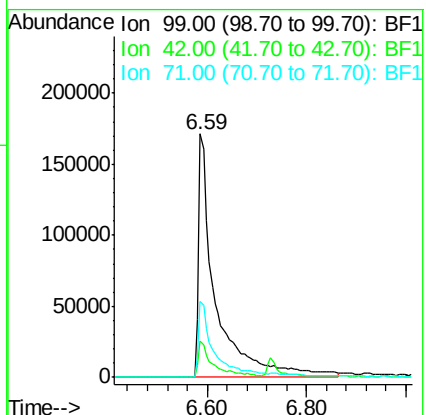
Tot Ion: 99 Resp: 410743

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 31.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.121 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.15 min

Lab File: BF104132.D

Acq: 2 Apr 2018 13:56

Tgt Ion: 70 Resp: 27596

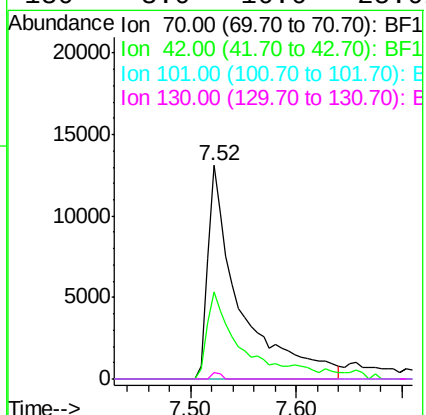
Ion Ratio Lower Upper

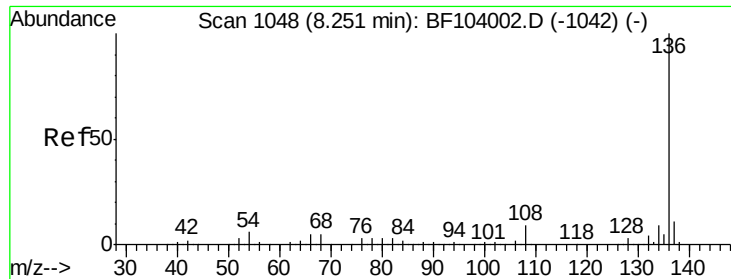
70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

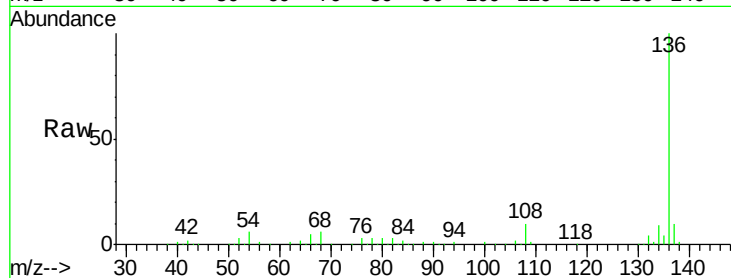




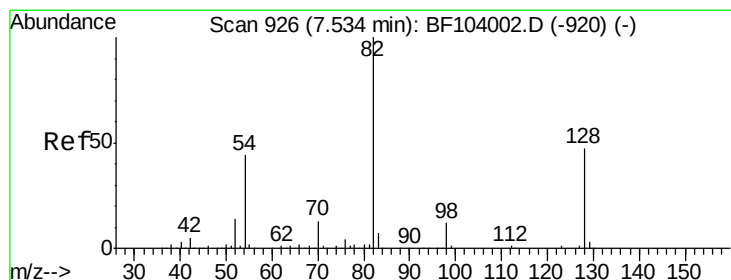
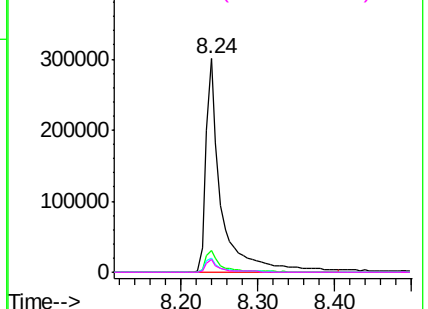
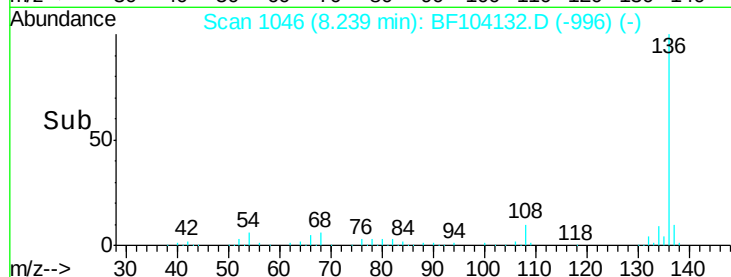
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104132.D
Acq: 2 Apr 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	415594
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	6.4	6.6 9.8#
68	5.8	5.0 7.4

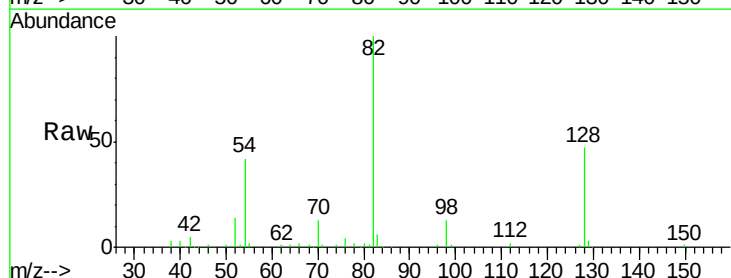


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

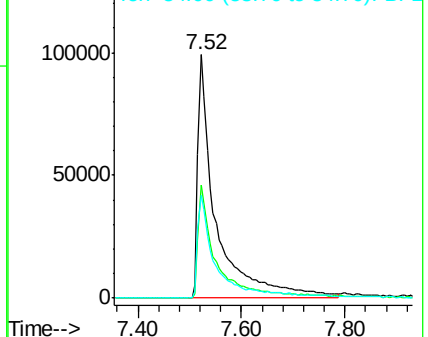
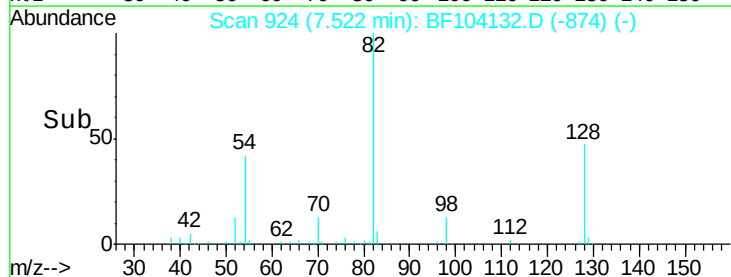


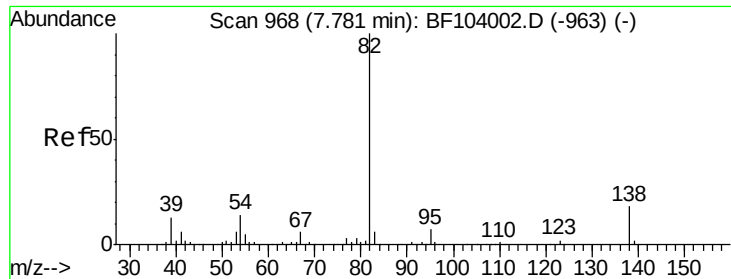
#23
Nitrobenzene-d5
Concen: 35.462 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104132.D
Acq: 2 Apr 2018 13:56

Tgt Ion: 82	Resp:	240986
Ion Ratio	Lower	Upper
82	100	
128	46.6	36.1 54.1
54	42.4	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.242 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF104132.D

Acq: 2 Apr 2018 13:56

Instrument :

BNA_F

ClientSampled :

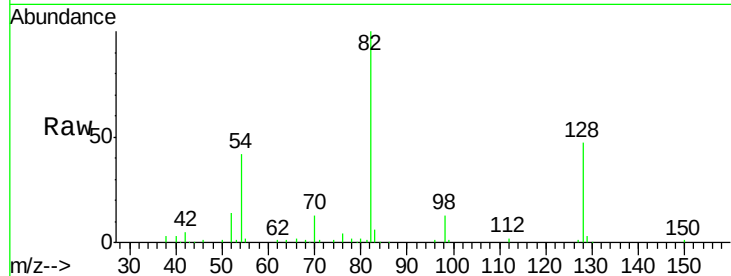
Tot Ion: 82 Resp: 240986

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

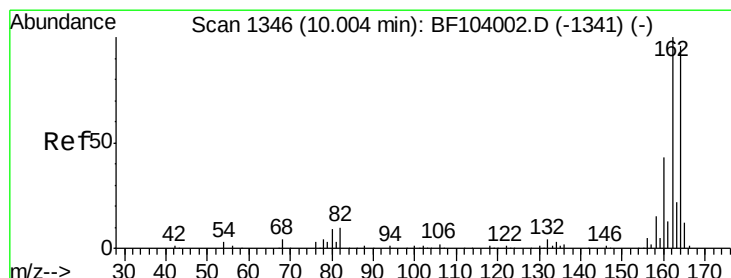
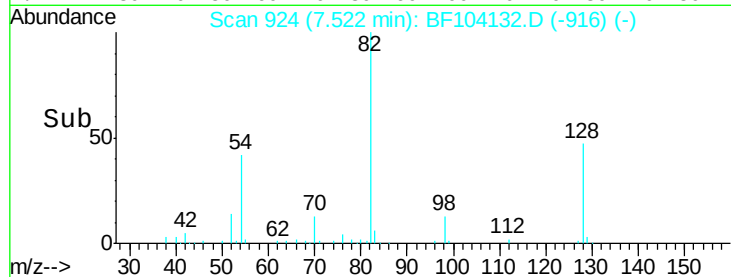
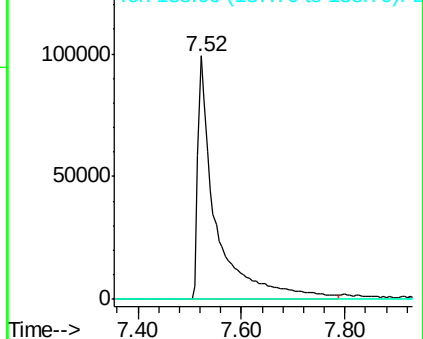
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF104132.D

Acq: 2 Apr 2018 13:56

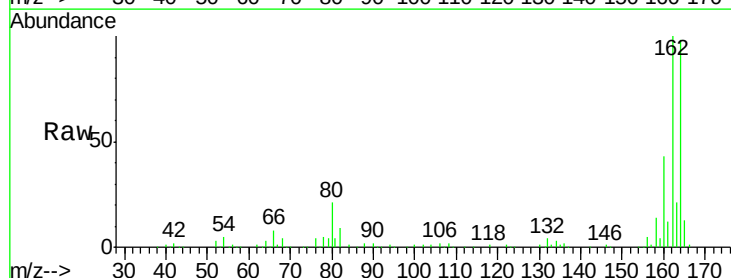
Tgt Ion:164 Resp: 203800

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

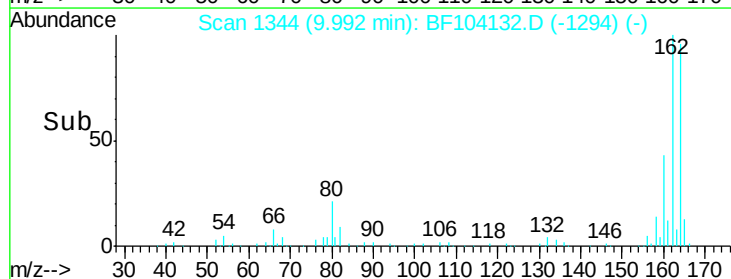
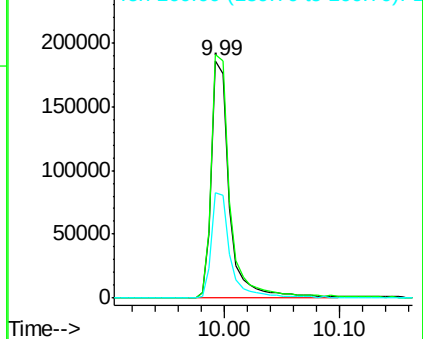
160 44.1 38.3 57.5

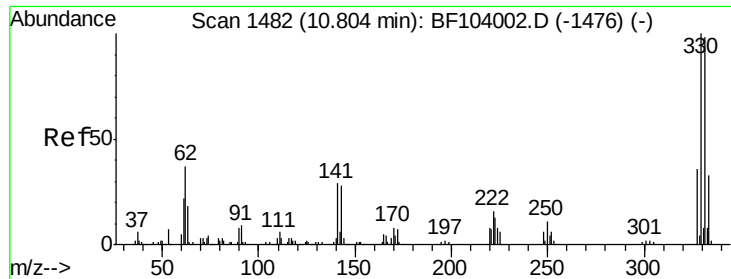


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

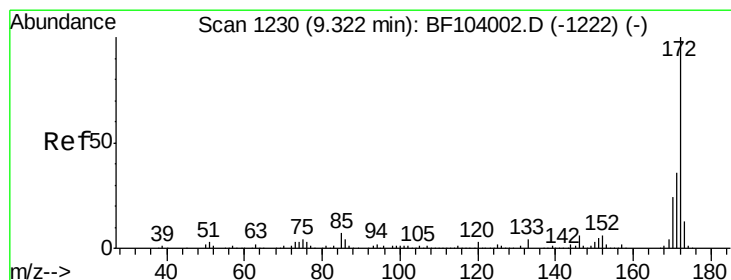
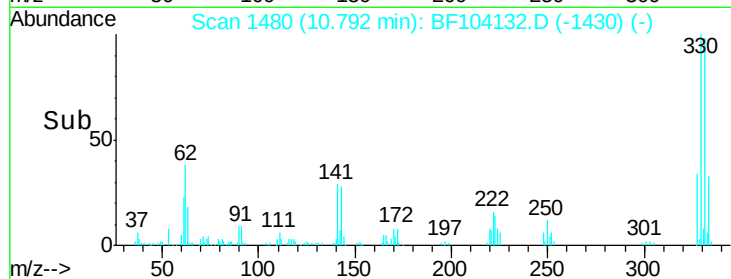
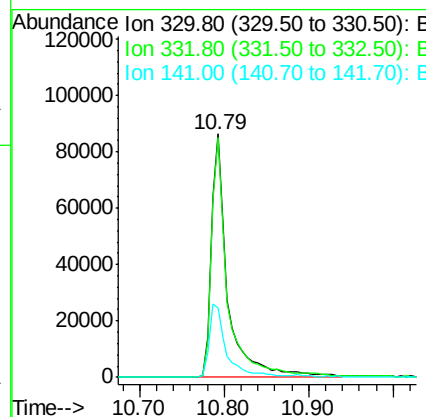
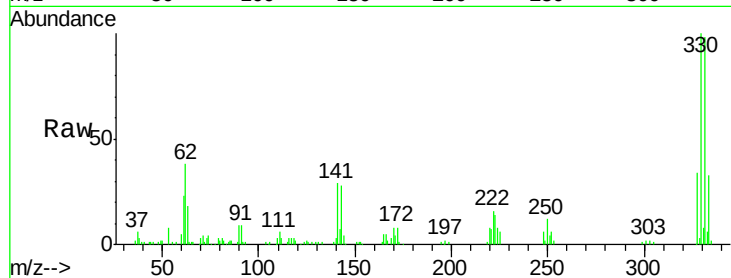




#41
 2,4,6-Tribromophenol
 Concen: 51.907 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104132.D
 Acq: 2 Apr 2018 13:56

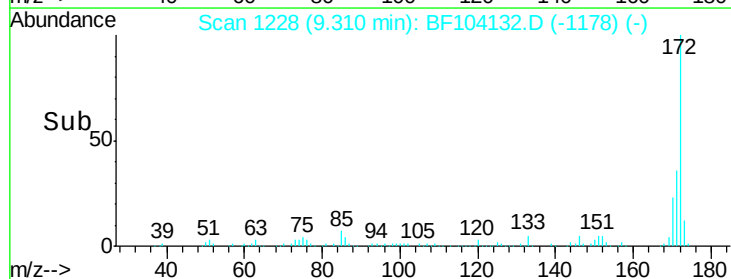
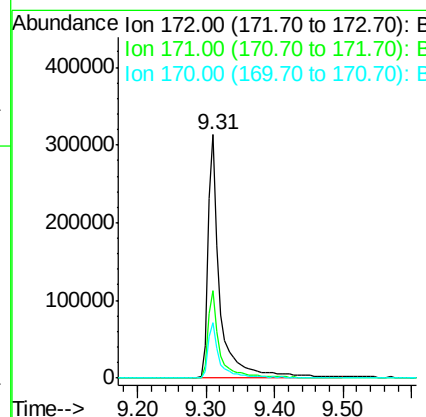
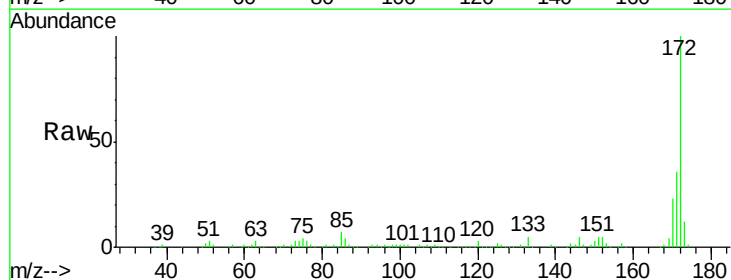
Instrument :
 BNA_F
 ClientSampleId :

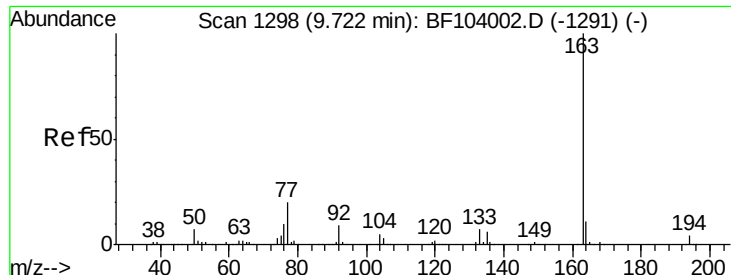
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	30.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 30.560 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104132.D
 Acq: 2 Apr 2018 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	22.9	19.6	29.4

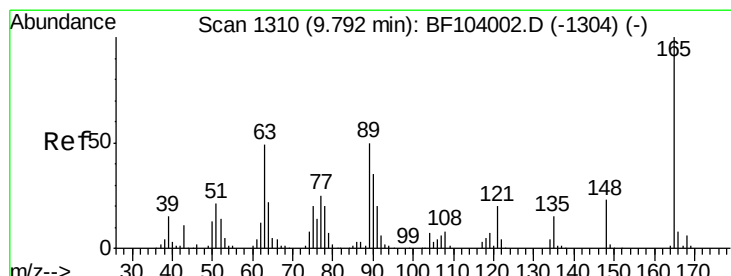
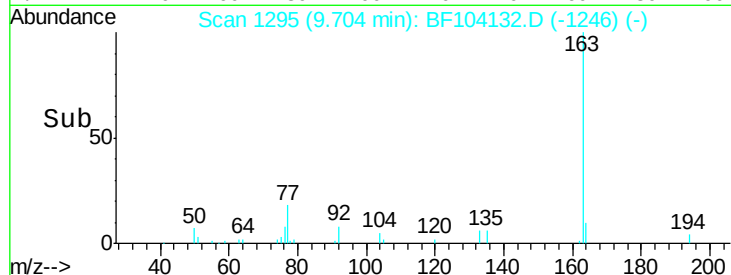
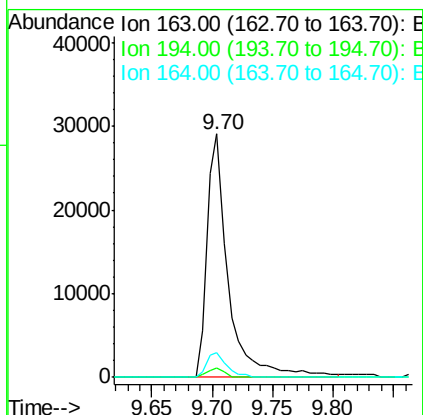
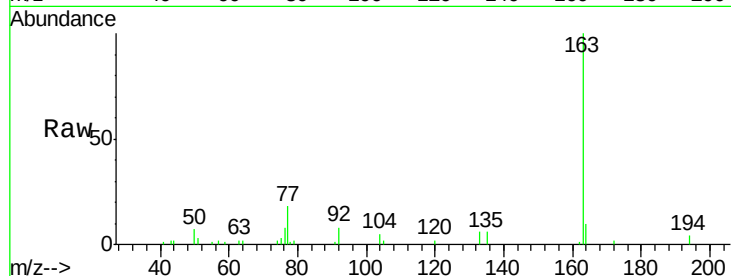




#49
Dimethylphthalate
Concen: 2.194 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104132.D
Acq: 2 Apr 2018 13:56

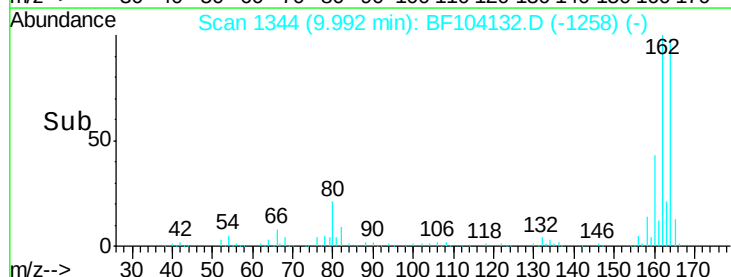
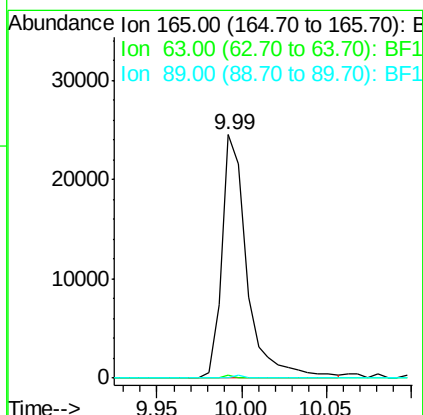
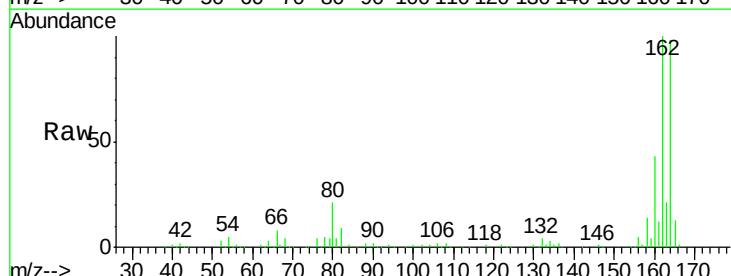
Instrument :
BNA_F
ClientSampleId :

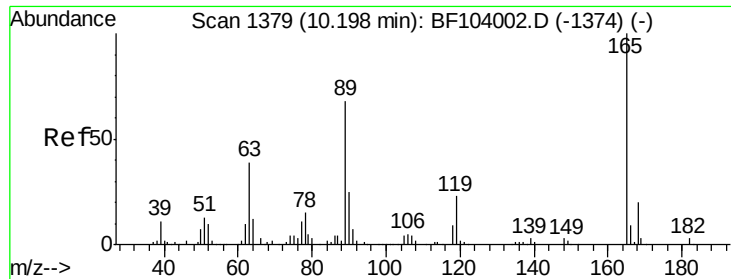
Tot Ion:163 Resp: 35310
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.370 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF104132.D
Acq: 2 Apr 2018 13:56

Tgt Ion:165 Resp: 25514
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 0.0 44.0 66.0#

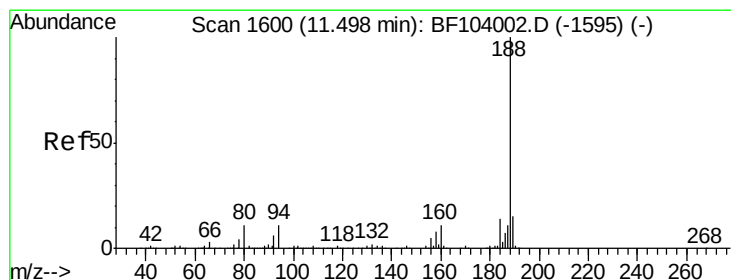
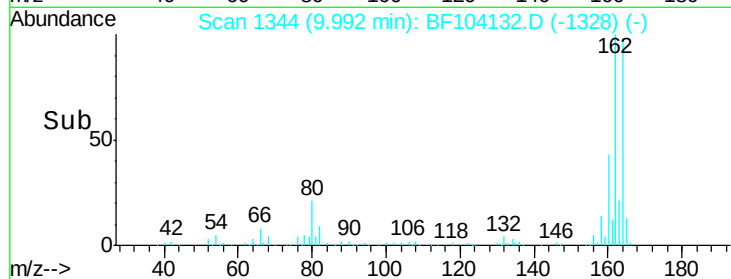
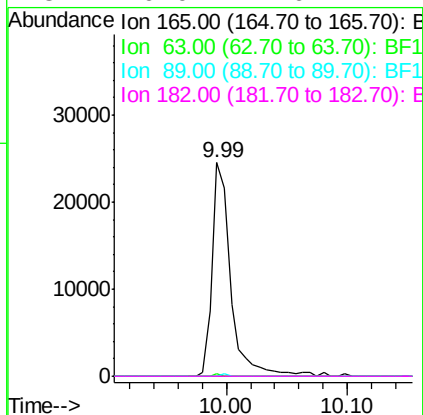
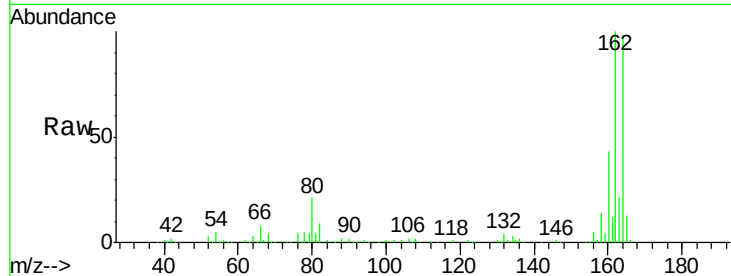




#56
 2,4-Dinitrotoluene
 Concen: 5.874 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.21 min
 Lab File: BF104132.D
 Acq: 2 Apr 2018 13:56

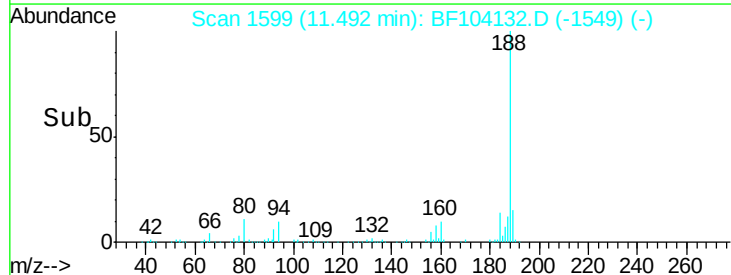
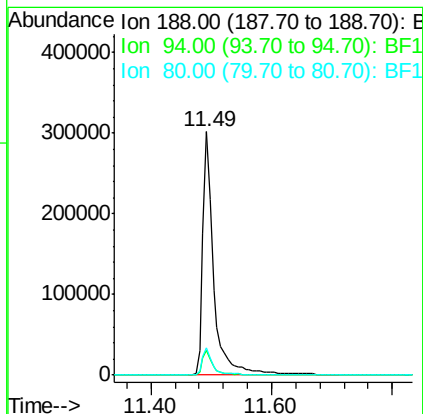
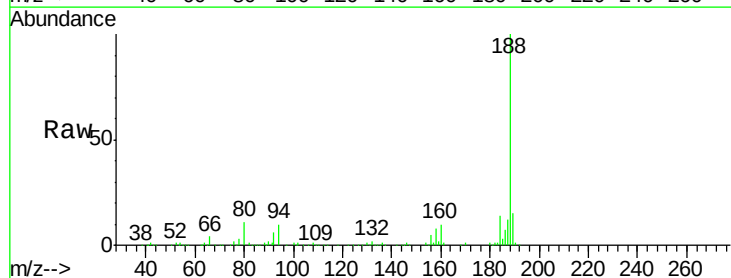
Instrument :
 BNA_F
 ClientSampleId :

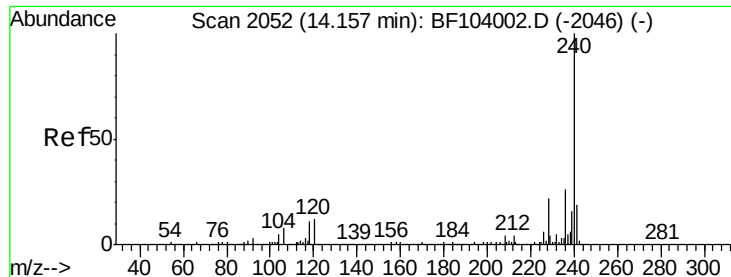
Tot Ion:	165	Resp:	25948
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104132.D
 Acq: 2 Apr 2018 13:56

Tgt Ion:	188	Resp:	385234
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF104132.D

Acq: 2 Apr 2018 13:56

Instrument :

BNA_F

ClientSampleId :

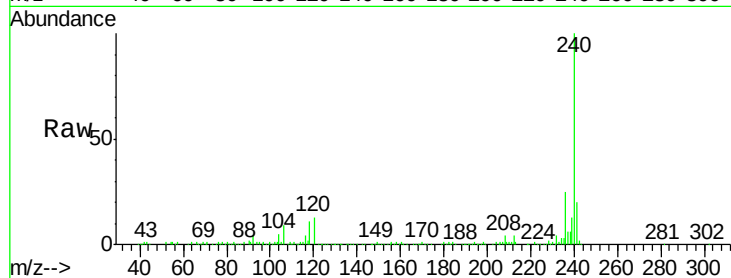
Tot Ion:240 Resp: 253725

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

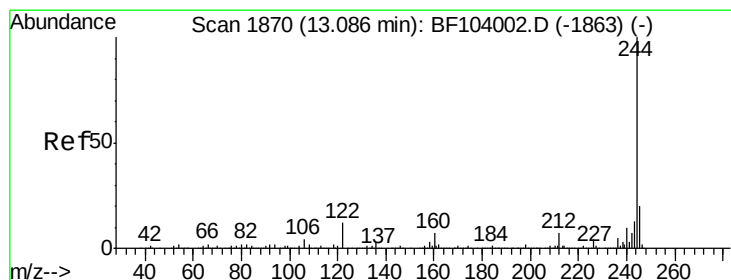
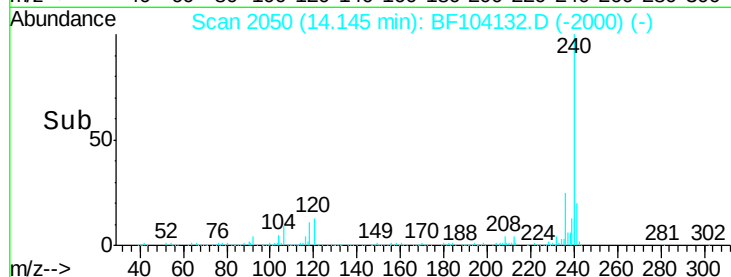
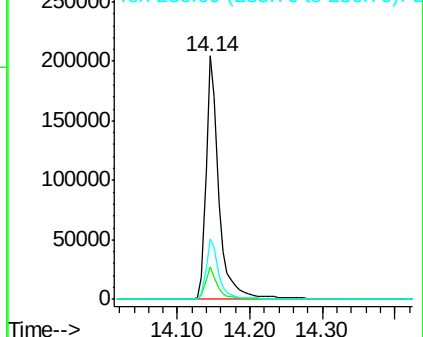
236 24.9 20.7 31.1



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: 36.533 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF104132.D

Acq: 2 Apr 2018 13:56

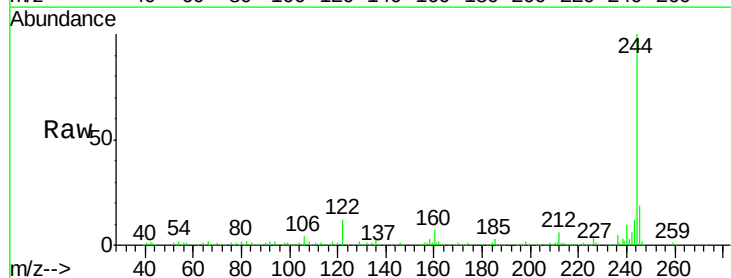
Tgt Ion:244 Resp: 401456

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

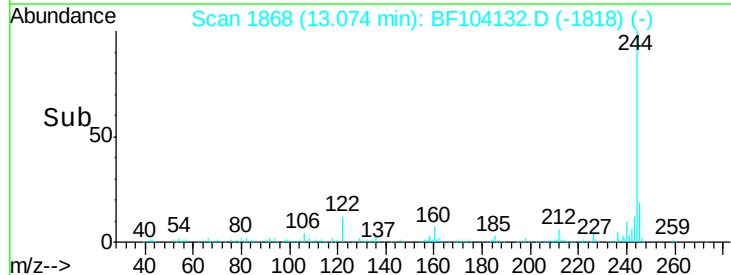
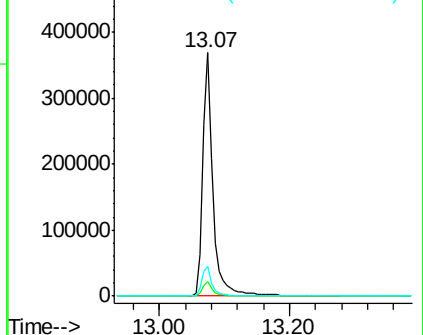
122 12.4 11.0 16.4

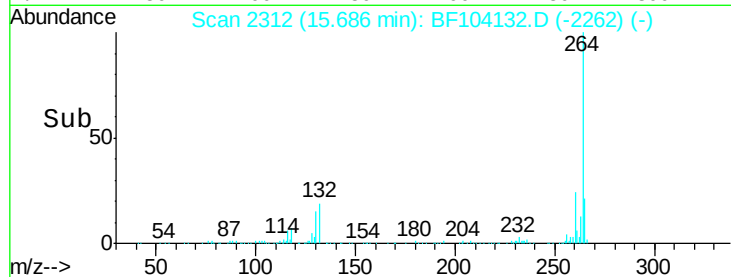
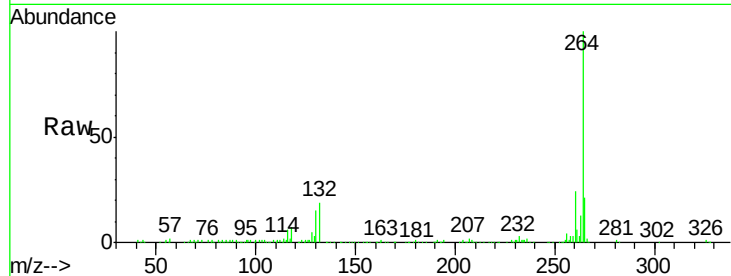
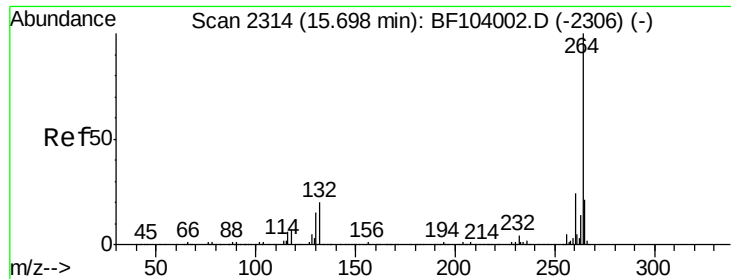


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104132.D
 Acq: 2 Apr 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3

