

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104258.D
 Acq On : 5 Apr 2018 6:45
 Operator : JU/SJ
 Sample : J2204-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 07:43:47 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

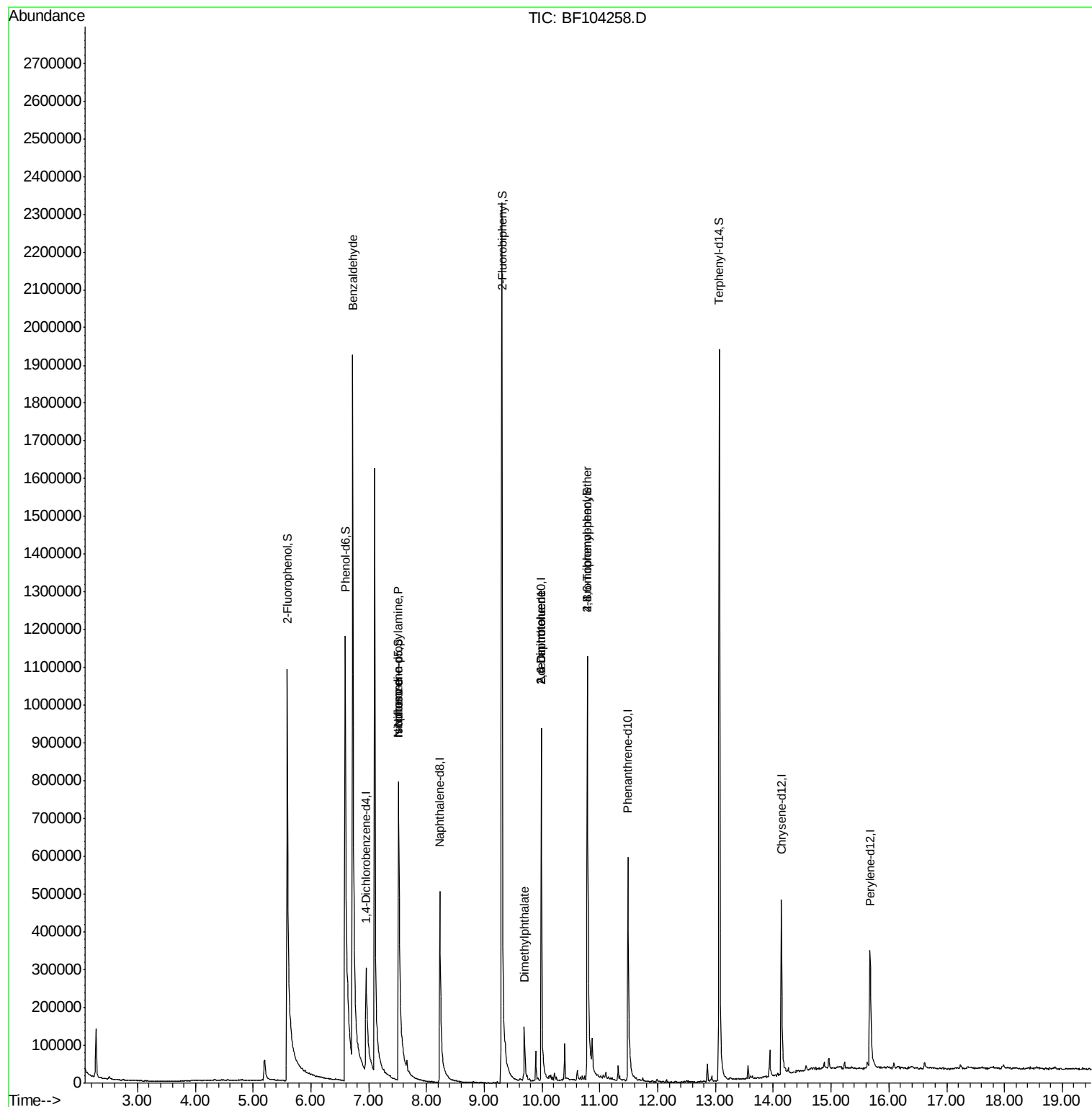
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	122323	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	542027	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	246379	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	403145	20.00	ng	0.00
75) Chrysene-d12	14.14	240	261908	20.00	ng	0.00
86) Perylene-d12	15.67	264	233486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	851737	111.04	ng	0.00
7) Phenol-d6	6.59	99	1155814	122.48	ng	-0.01
23) Nitrobenzene-d5	7.52	82	665232	75.06	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	243908	88.91	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1194063	76.42	ng	0.00
78) Terphenyl-d14	13.07	244	930405	82.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	17238	2.271	ng	84
19) n-Nitroso-di-n-propylamine	7.52	70	75397	13.463	ng	# 72
25) Isophorone	7.52	82	681216	41.706	ng	# 64
49) Dimethylphthalate	9.69	163	103978	5.345	ng	100
50) 2,6-Dinitrotoluene	9.99	165	29624	7.079	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	30127	5.642	ng	# 24
66) 4-Bromophenyl-phenylether	10.78	248	14187	3.289	ng	# 1

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

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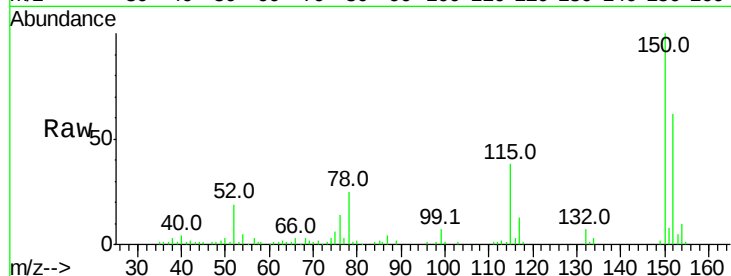


#1

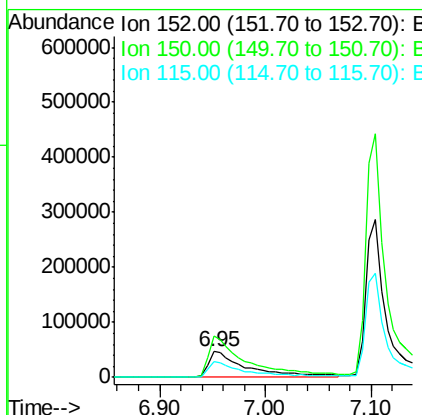
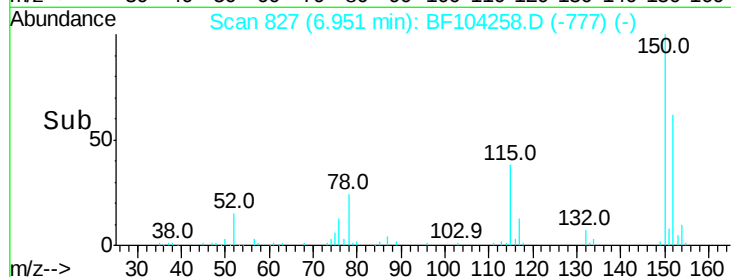
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104258.D
Acq: 5 Apr 2018 6:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 122323
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 60.7 50.1 75.1



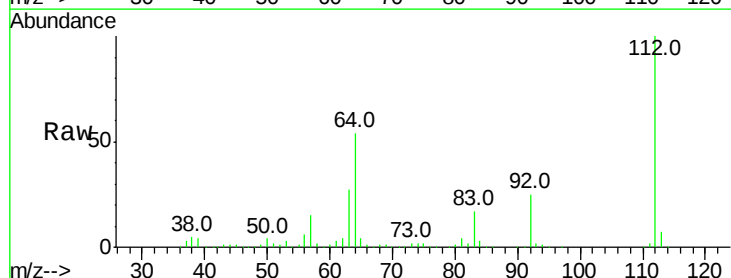
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



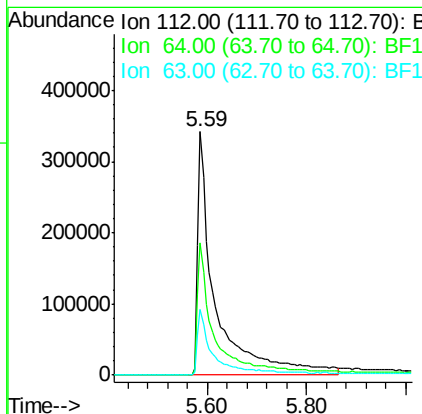
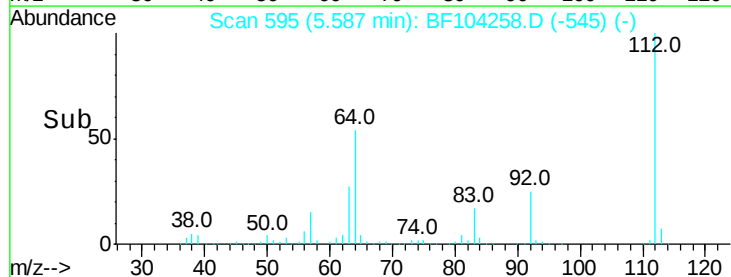
#5

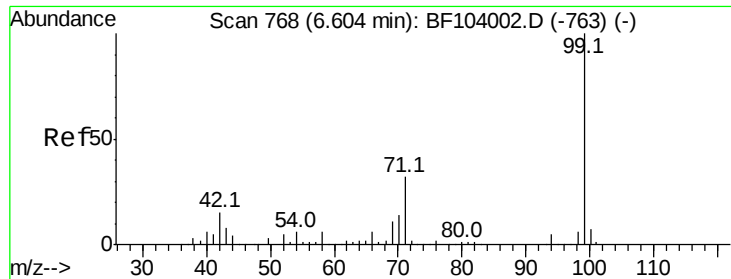
2-Fluorophenol
Concen: 111.043 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF104258.D
Acq: 5 Apr 2018 6:45

Tgt Ion:112 Resp: 851737
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 26.8 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: 122.479 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104258.D

Acq: 5 Apr 2018 6:45

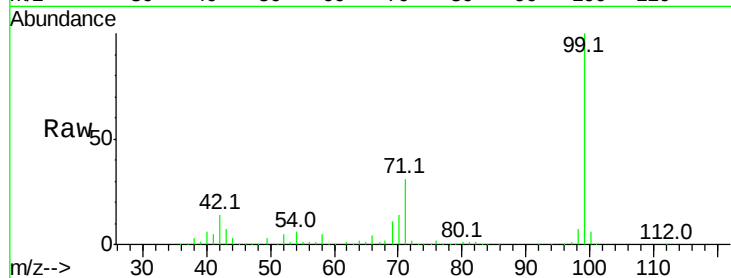
Instrument :

BNA_F

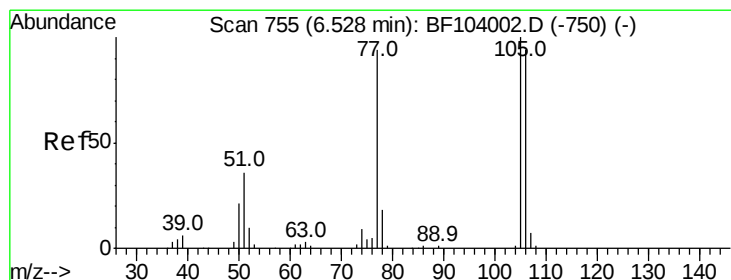
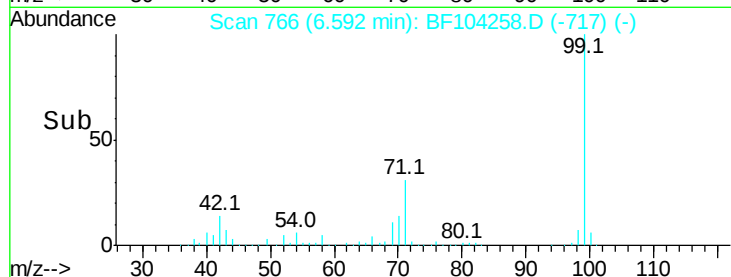
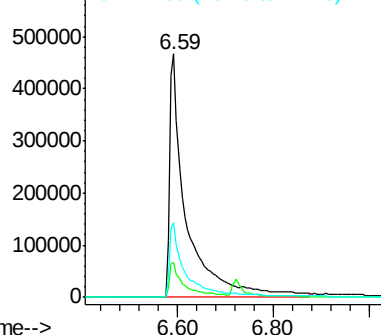
ClientSampled :

Tot Ion: 99 Resp: 1155814

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	30.8	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: 2.271 ng

RT: 6.72 min Scan# 788

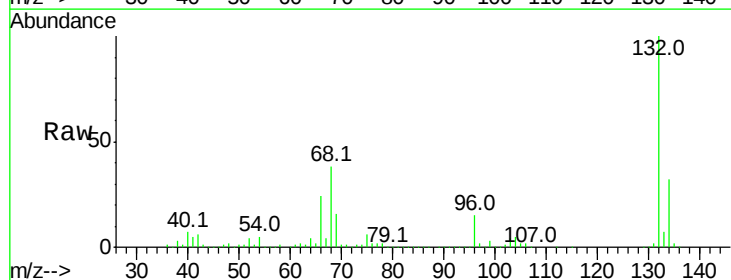
Delta R.T. 0.21 min

Lab File: BF104258.D

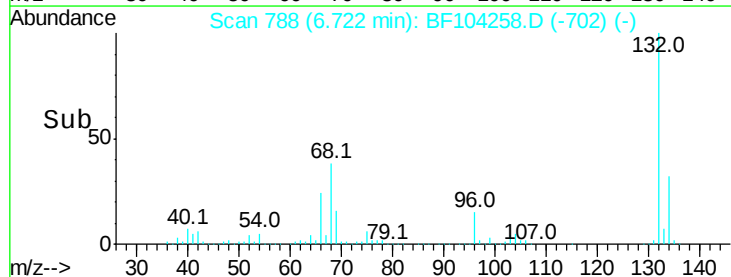
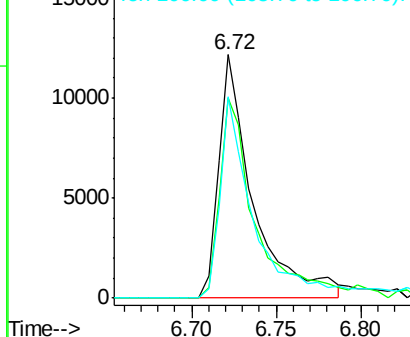
Acq: 5 Apr 2018 6:45

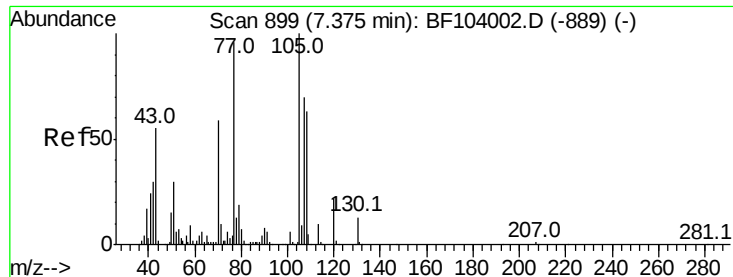
Tgt Ion: 77 Resp: 17238

Ion	Ratio	Lower	Upper
77	100		
105	82.2	81.1	121.1
106	82.6	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

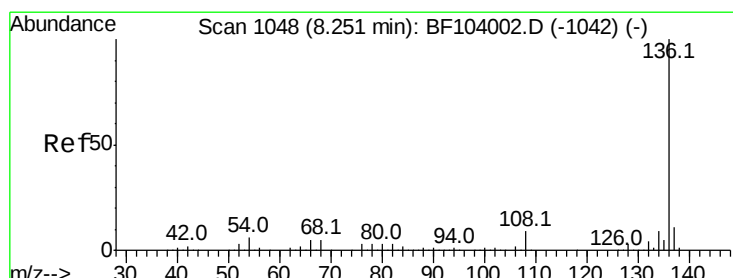
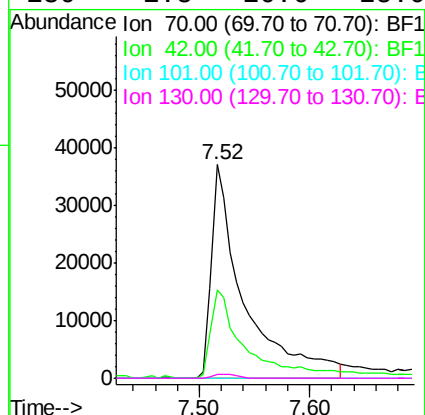
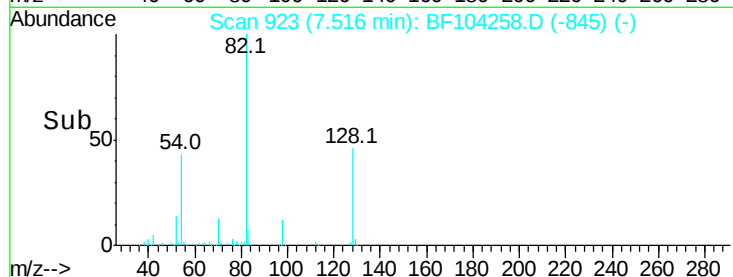
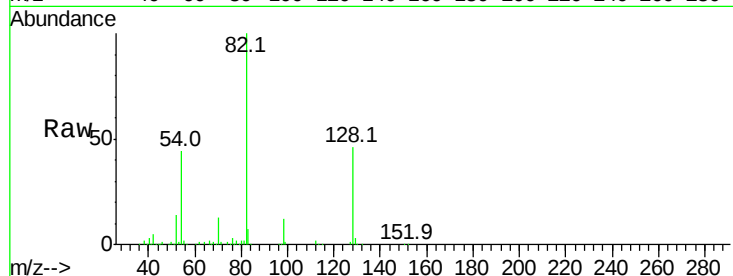




#19
n-Nitroso-di-n-propylamine
Concen: 13.463 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104258.D
Acq: 5 Apr 2018 6:45

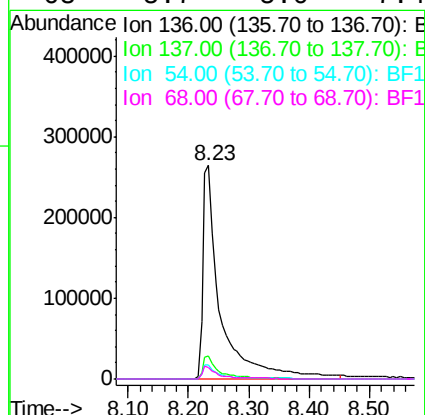
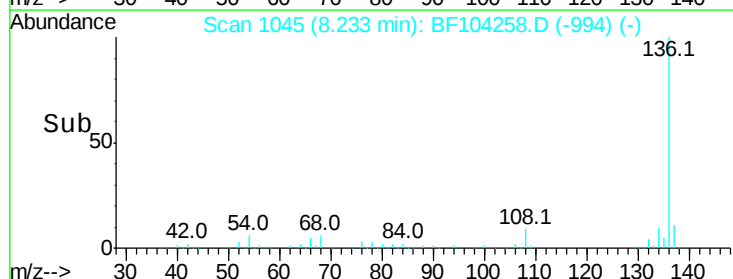
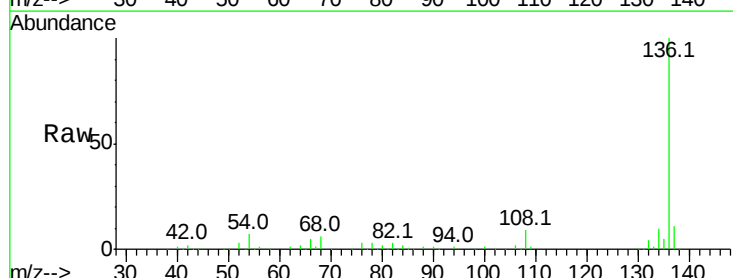
Instrument :
BNA_F
ClientSampleId :

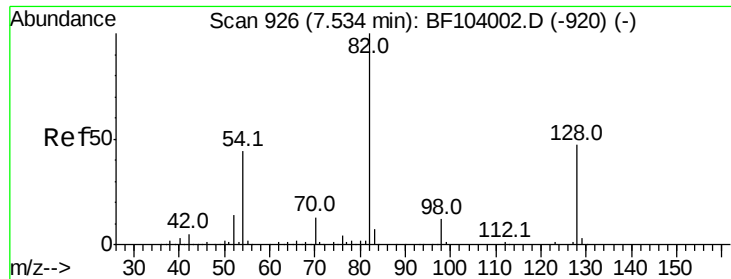
Tot Ion: 70 Resp: 75397
Ion Ratio Lower Upper
70 100
42 41.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104258.D
Acq: 5 Apr 2018 6:45

Tgt Ion:136 Resp: 542027
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.5 6.6 9.8#
68 5.7 5.0 7.4

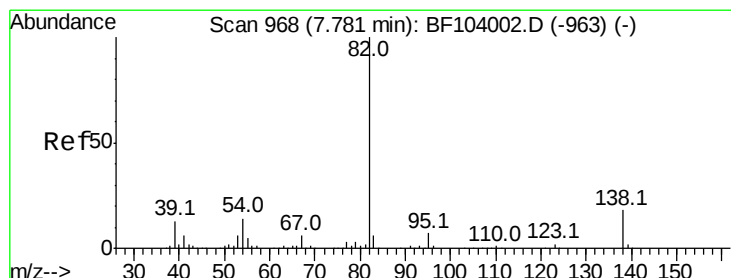
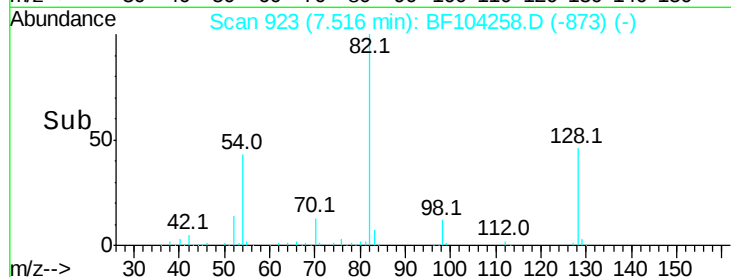
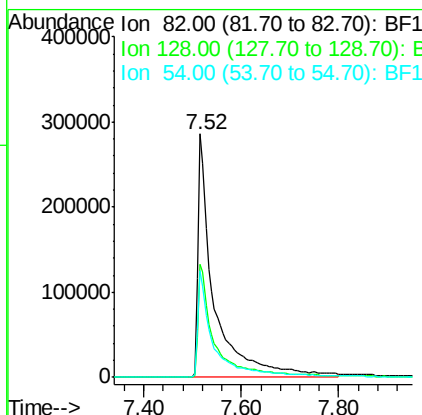
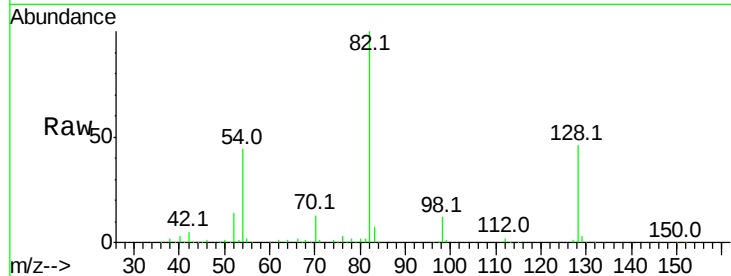




#23
 Nitrobenzene-d5
 Concen: 75.056 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104258.D
 Acq: 5 Apr 2018 6:45

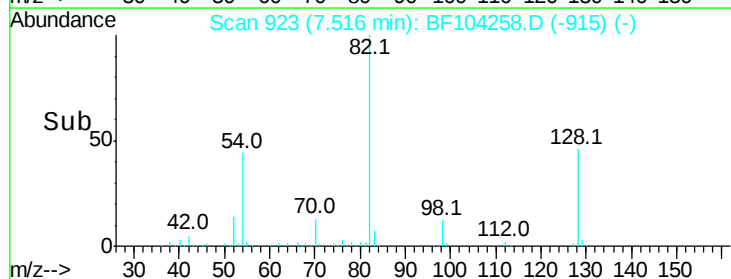
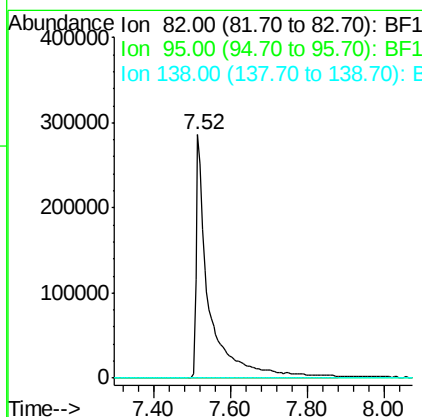
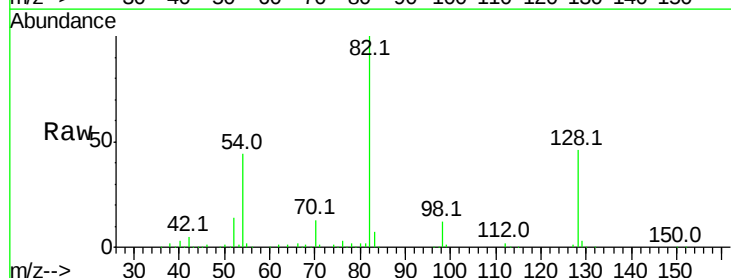
Instrument :
 BNA_F
 ClientSampleId :

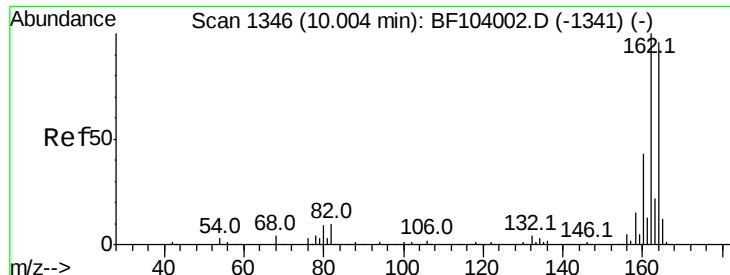
Tot Ion:	82	Resp:	665232
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	43.6	41.4	62.2



#25
 Isophorone
 Concen: 41.706 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104258.D
 Acq: 5 Apr 2018 6:45

Tgt Ion:	82	Resp:	681216
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

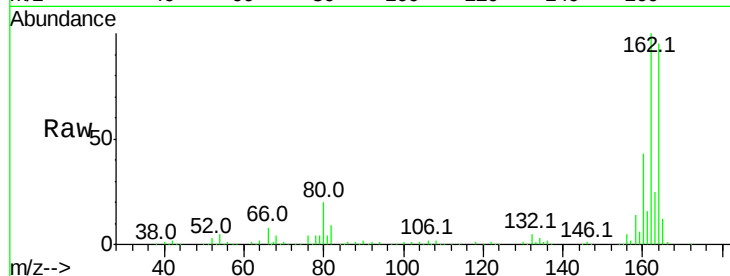




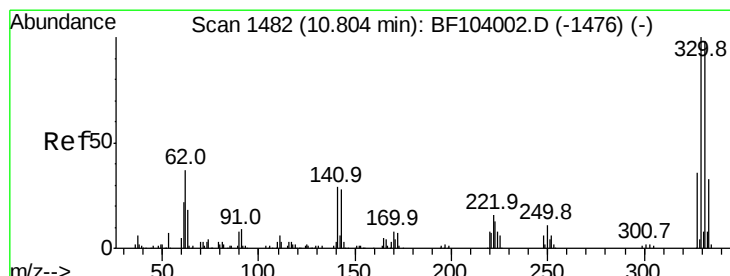
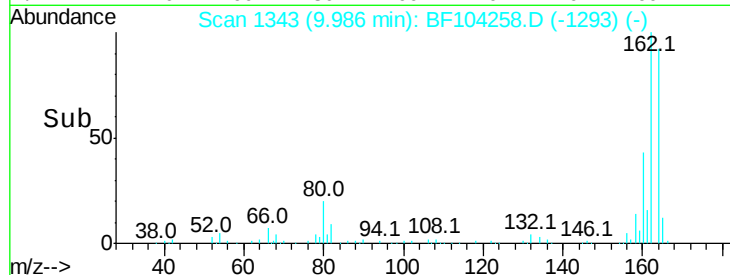
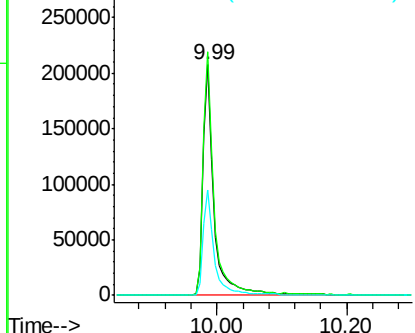
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104258.D
 Acq: 5 Apr 2018 6:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 246379
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 45.8 38.3 57.5

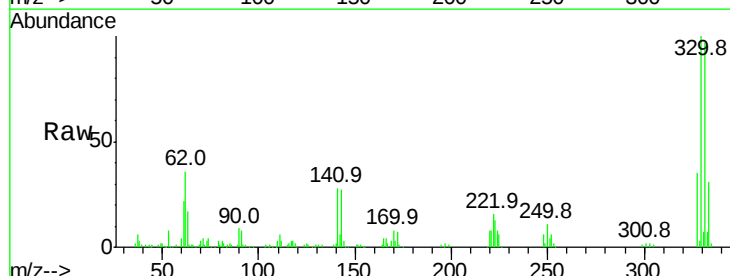


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

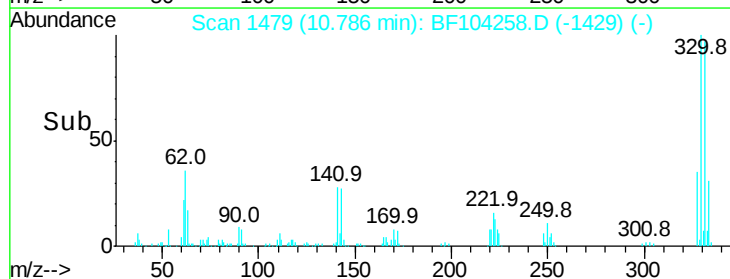
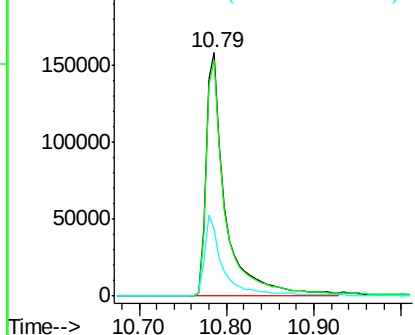


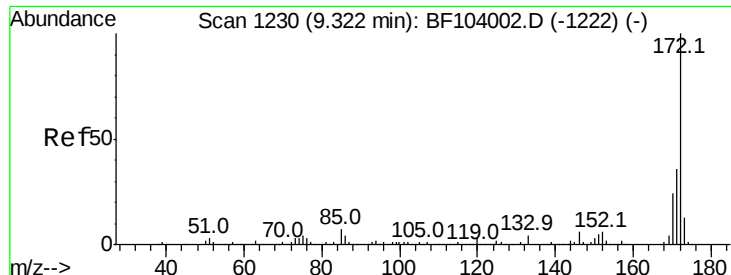
#41
 2,4,6-Tribromophenol
 Concen: 88.906 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104258.D
 Acq: 5 Apr 2018 6:45

Tgt Ion:330 Resp: 243908
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.0 115.6
 141 31.8 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

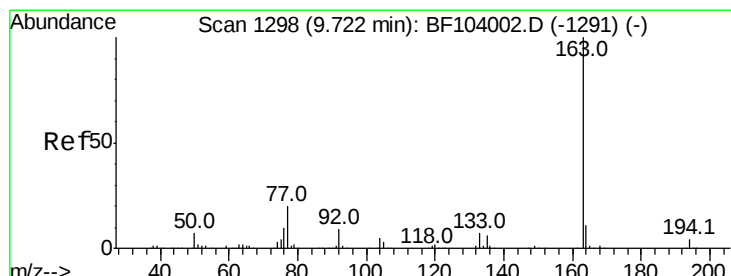
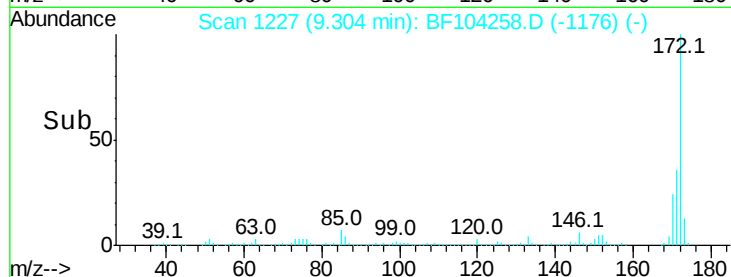
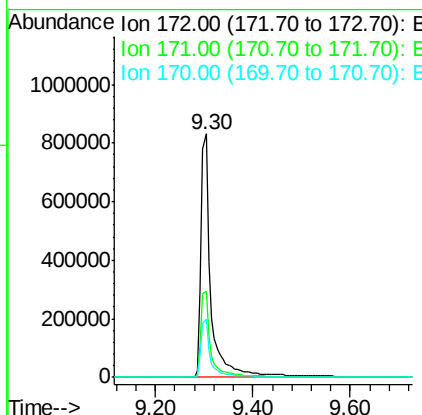
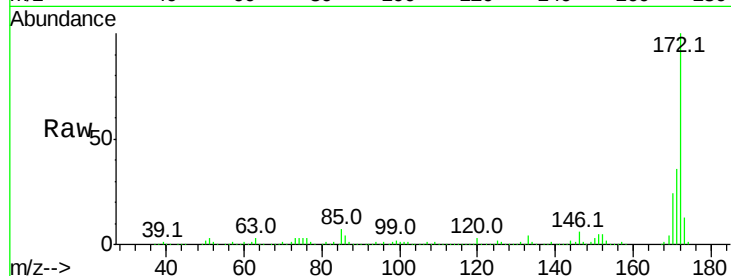




#44
2-Fluorobiphenyl
Concen: 76.424 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF104258.D
Acq: 5 Apr 2018 6:45

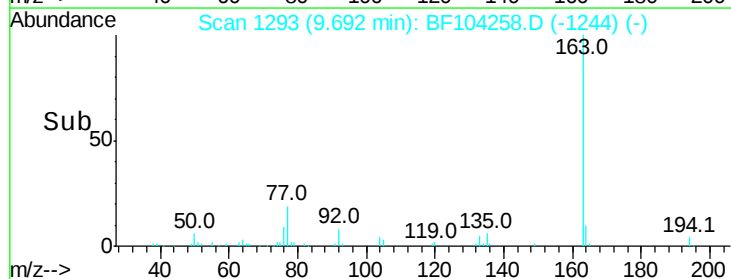
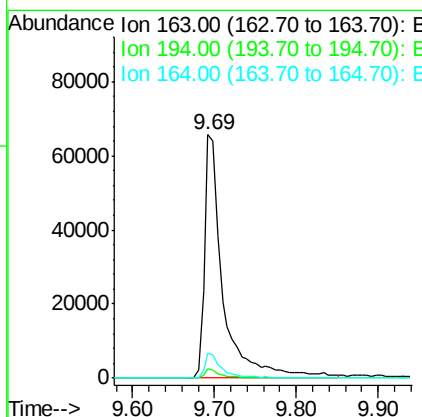
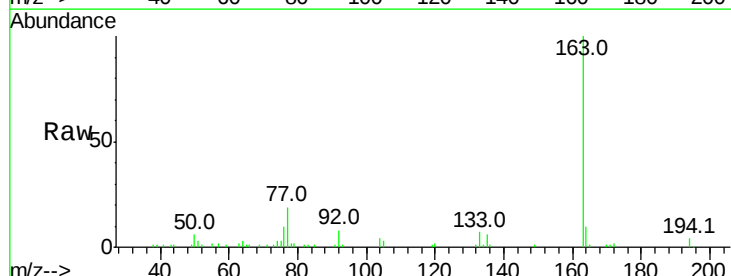
Instrument :
BNA_F
ClientSampleId :

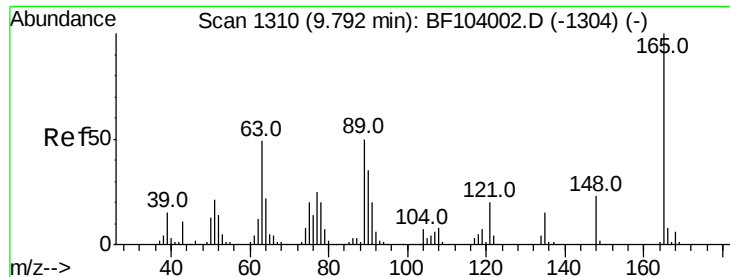
Tot Ion:172 Resp: 1194063
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 5.345 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104258.D
Acq: 5 Apr 2018 6:45

Tgt Ion:163 Resp: 103978
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

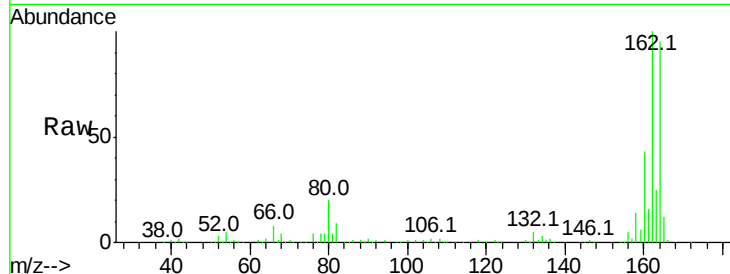




#50
 2,6-Dinitrotoluene
 Concen: 7.079 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104258.D
 Acq: 5 Apr 2018 6:45

Instrument :
 BNA_F
 ClientSampleId :

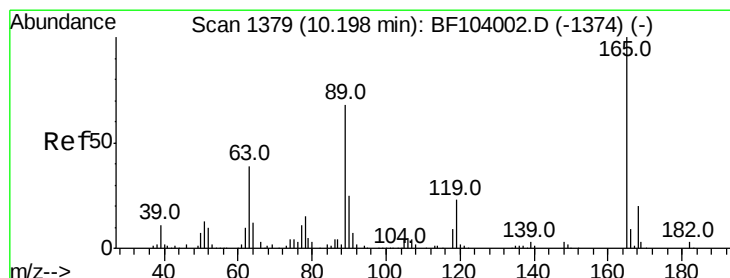
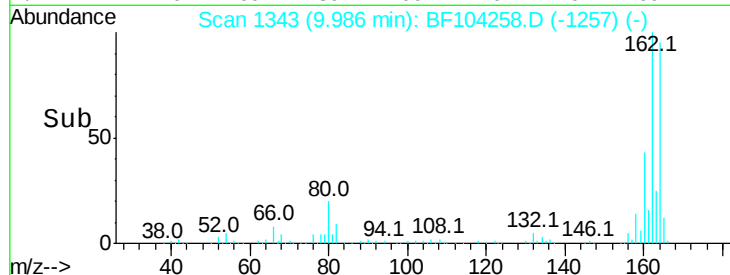
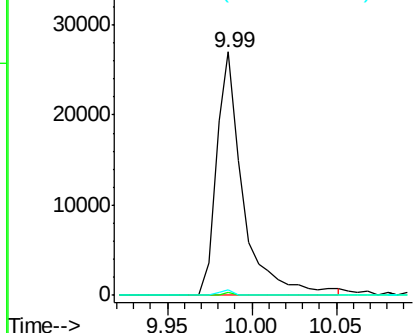
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	2.2	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

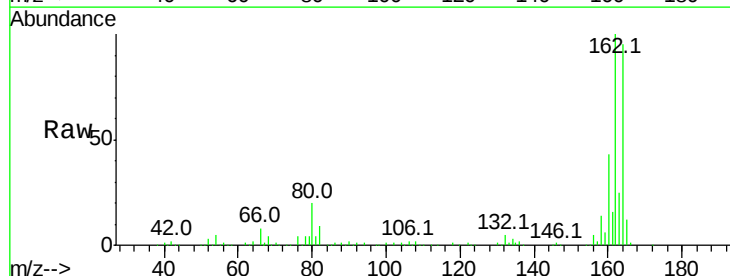
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 5.642 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104258.D
 Acq: 5 Apr 2018 6:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#

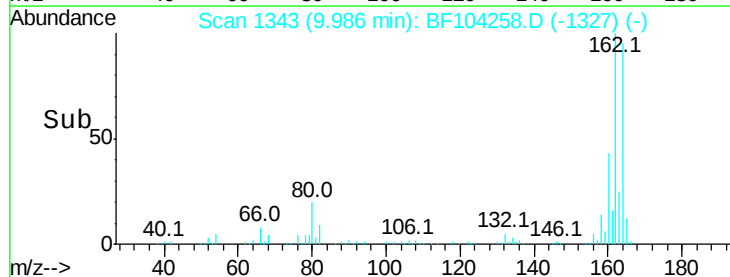
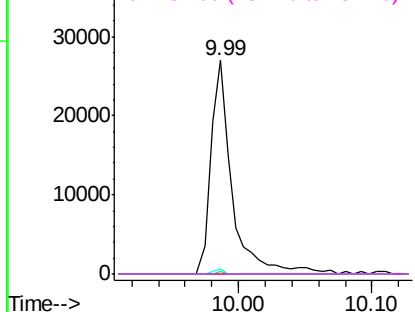


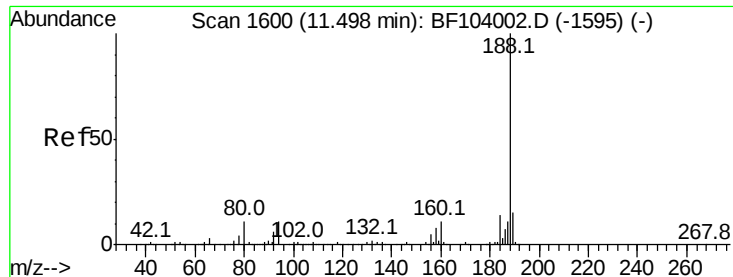
Abundance Ion 165.00 (164.70 to 165.70): E

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

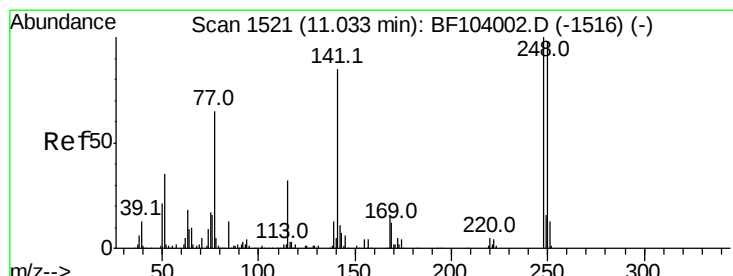
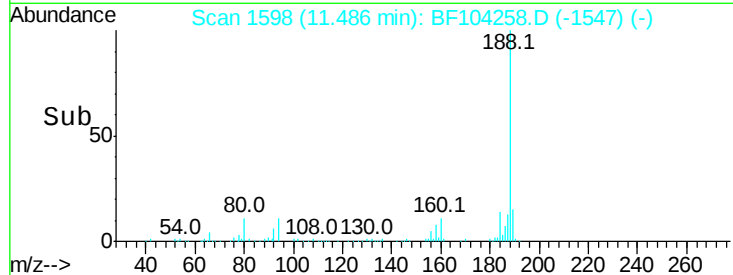
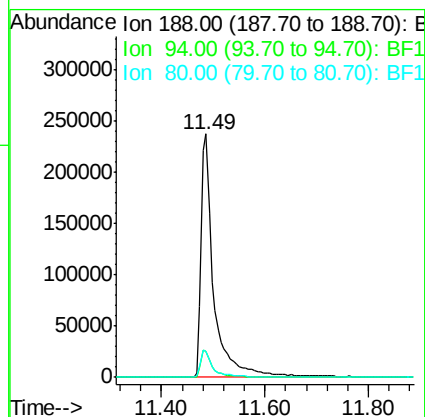
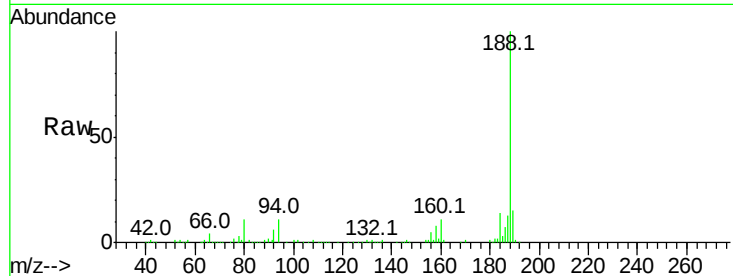




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104258.D
Acq: 5 Apr 2018 6:45

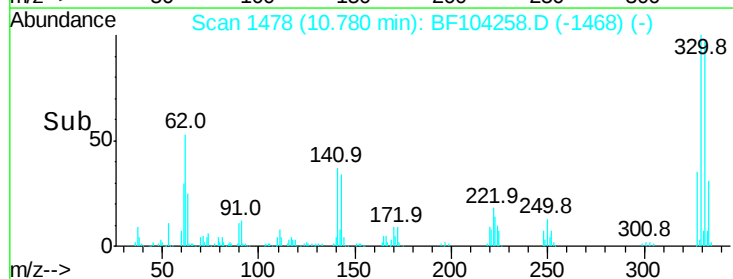
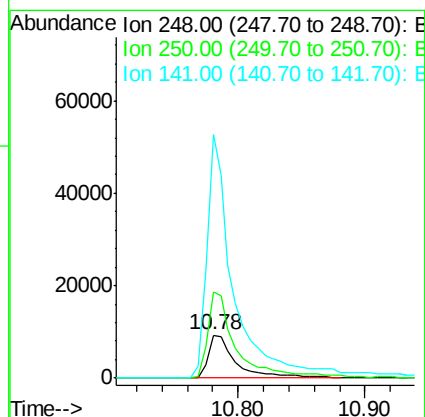
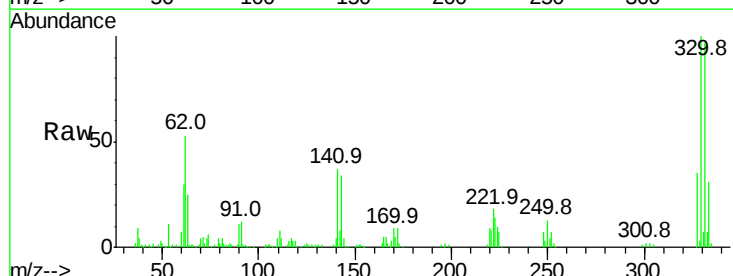
Instrument :
BNA_F
ClientSampleId :

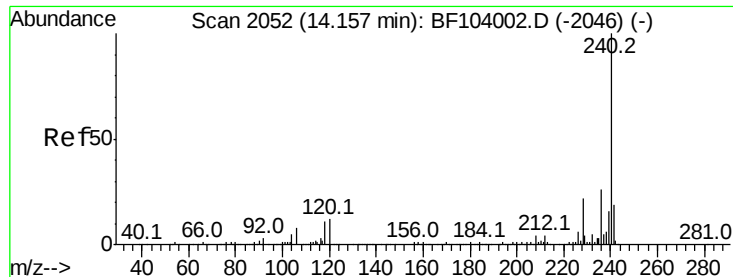
Tot Ion:188 Resp: 403145
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.289 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104258.D
Acq: 5 Apr 2018 6:45

Tgt Ion:248 Resp: 14187
Ion Ratio Lower Upper
248 100
250 201.7 76.9 115.3#
141 570.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104258.D

Acq: 5 Apr 2018 6:45

Instrument :

BNA_F

ClientSampled :

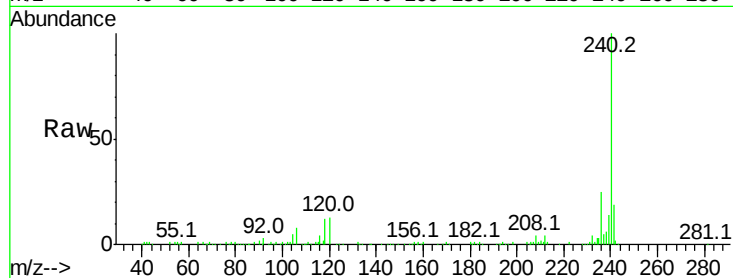
Tot Ion:240 Resp: 261908

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

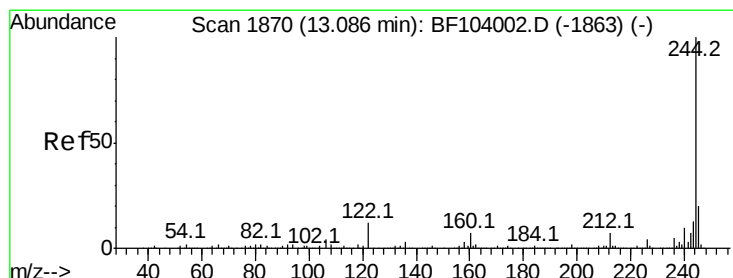
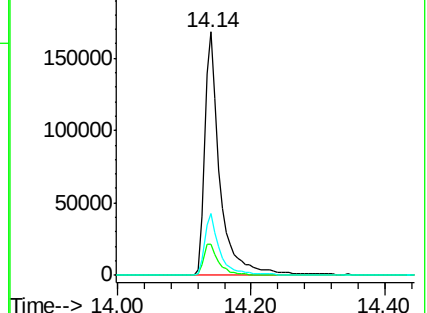
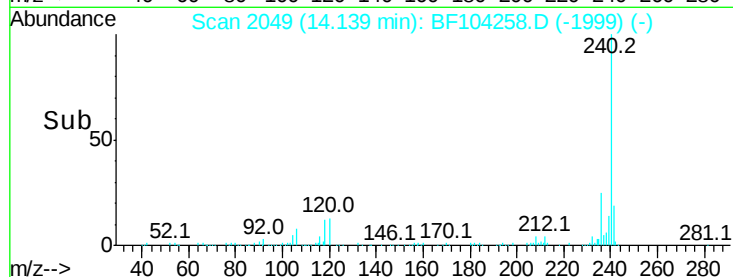
236 25.2 20.7 31.1



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: 82.024 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104258.D

Acq: 5 Apr 2018 6:45

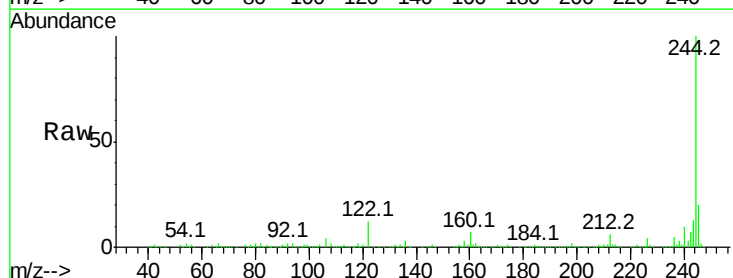
Tgt Ion:244 Resp: 930405

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

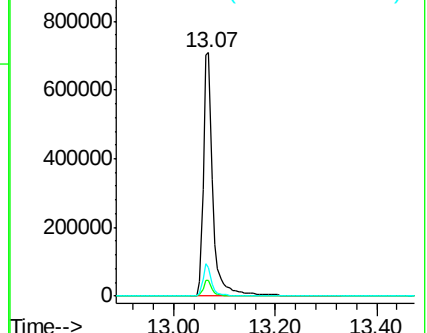
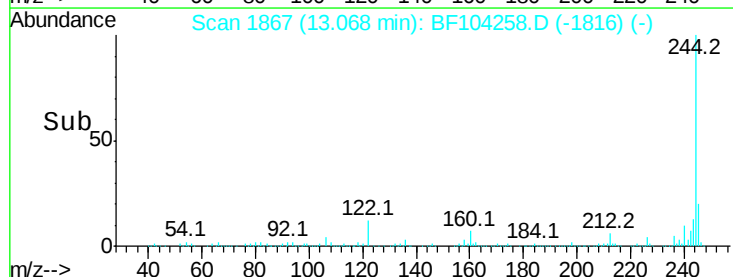
122 12.0 11.0 16.4

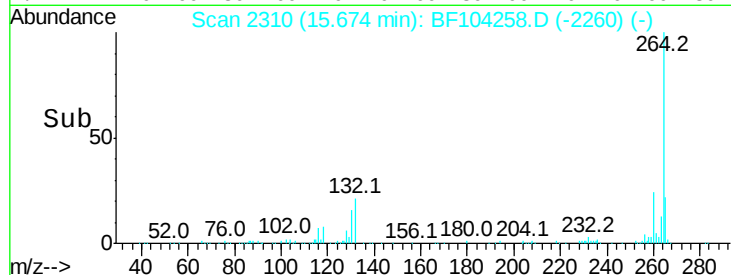
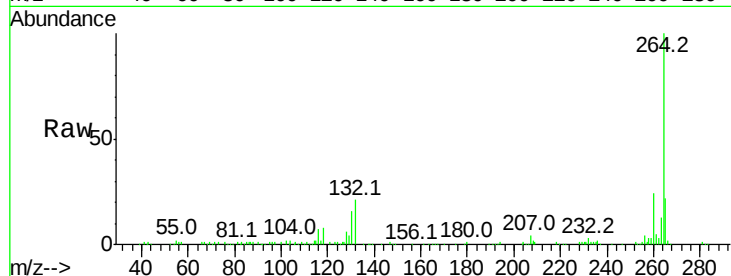
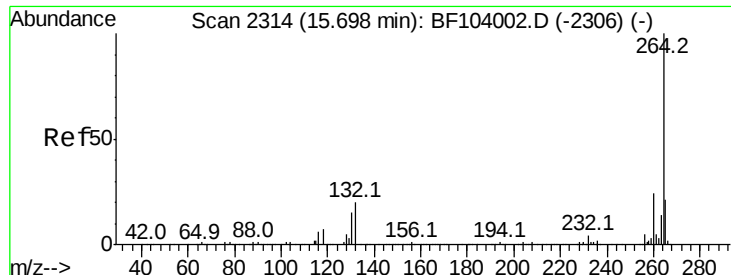


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104258.D
 Acq: 5 Apr 2018 6:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	233486
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.2 28.8
265	22.2	17.5 26.3

