

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104036.D
 Acq On : 29 Mar 2018 3:43
 Operator : JU/SJ
 Sample : J2088-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 09:08:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

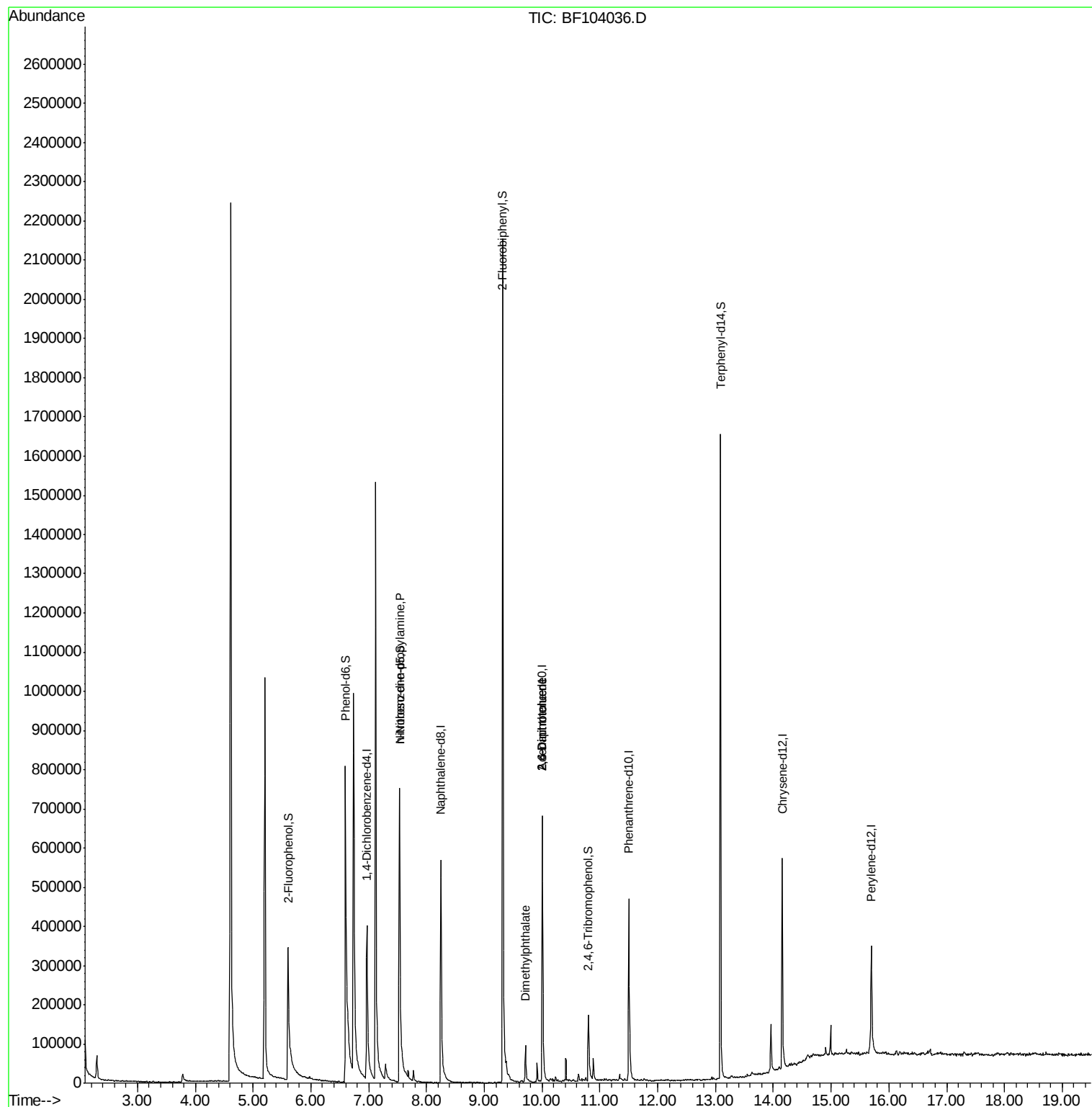
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112936	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	447158	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	172943	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	250932	20.00	ng	0.00
75) Chrysene-d12	14.16	240	228935	20.00	ng	0.00
86) Perylene-d12	15.70	264	162954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	276593	39.06	ng	0.00
7) Phenol-d6	6.60	99	642261	73.72	ng	0.00
23) Nitrobenzene-d5	7.53	82	462119	63.20	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	37372	19.41	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	896328	81.73	ng	0.00
78) Terphenyl-d14	13.09	244	661336	66.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	56687	10.963	ng	Qvalue # 71
49) Dimethylphthalate	9.71	163	58673	4.297	ng	100
50) 2,6-Dinitrotoluene	10.00	165	21371	7.275	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	21371	5.701	ng	# 21

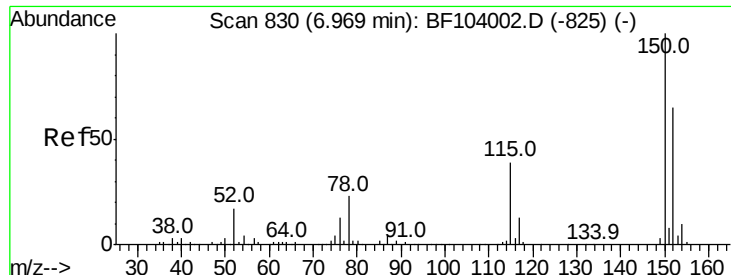
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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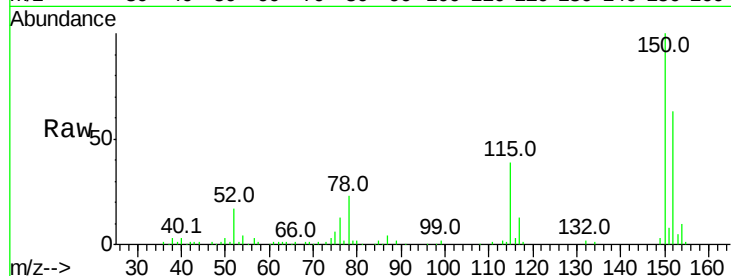


#1

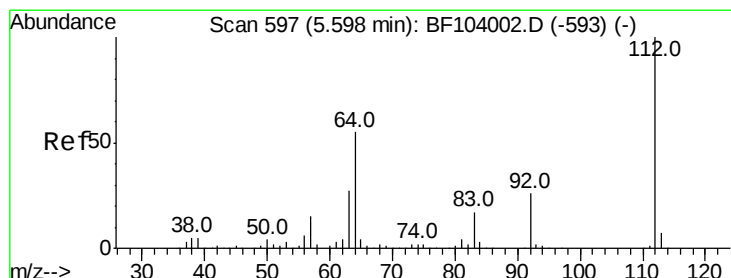
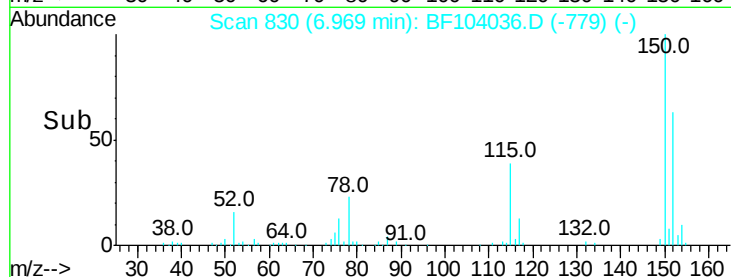
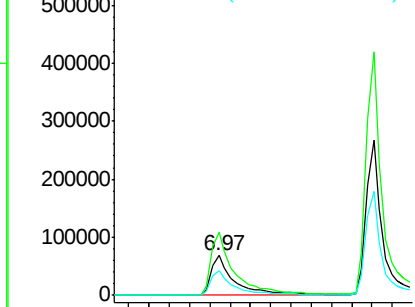
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104036.D
Acq: 29 Mar 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112936
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.3 50.1 75.1



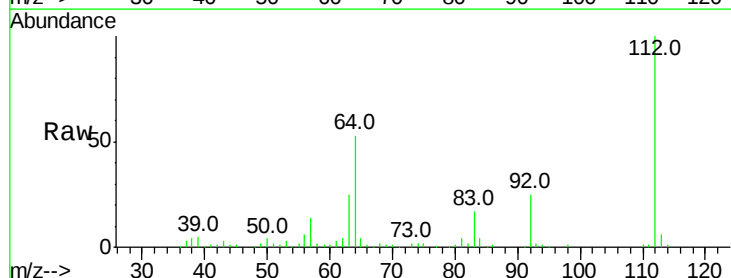
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



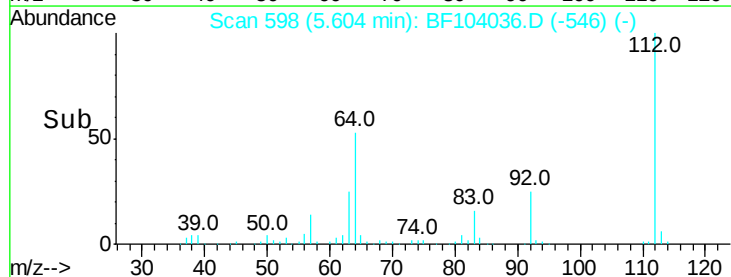
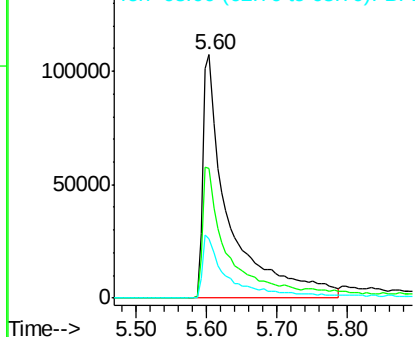
#5

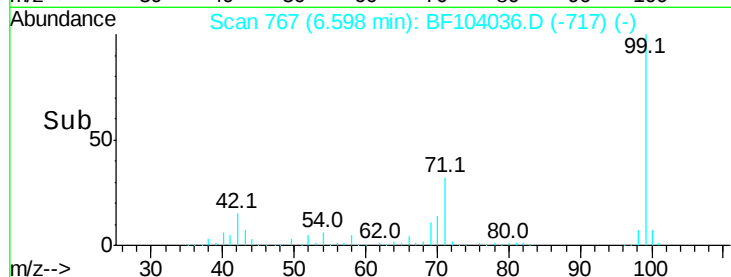
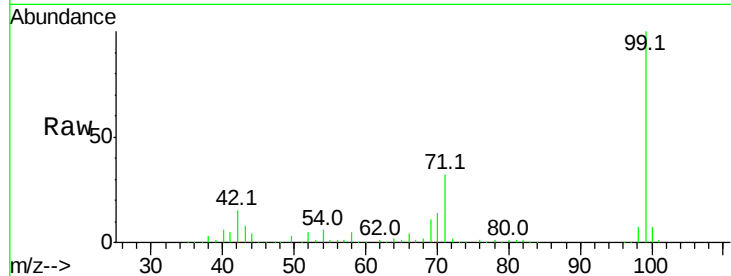
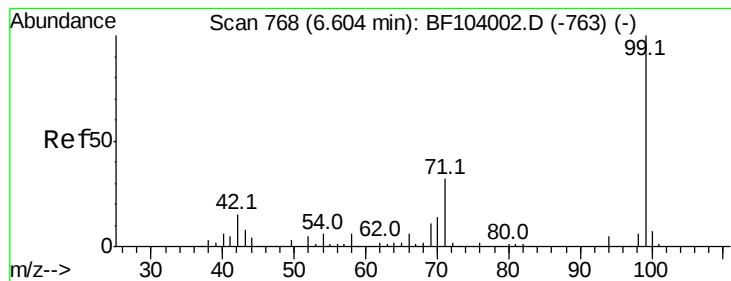
2-Fluorophenol
Concen: 39.057 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104036.D
Acq: 29 Mar 2018 3:43

Tgt Ion:112 Resp: 276593
Ion Ratio Lower Upper
112 100
64 53.1 47.9 71.9
63 24.6 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: 73.716 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104036.D

Acq: 29 Mar 2018 3:43

Instrument :

BNA_F

ClientSampleId :

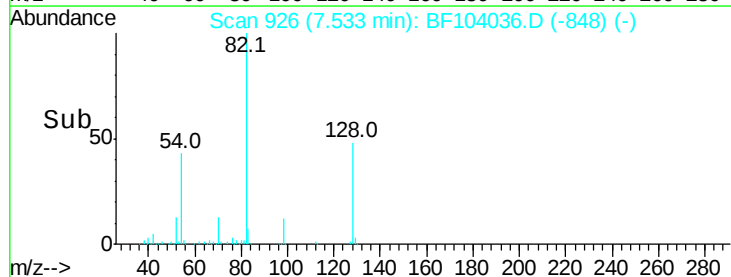
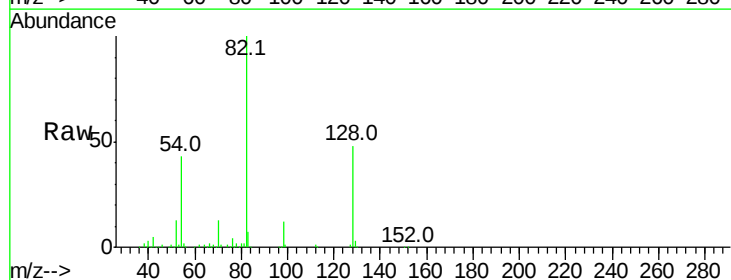
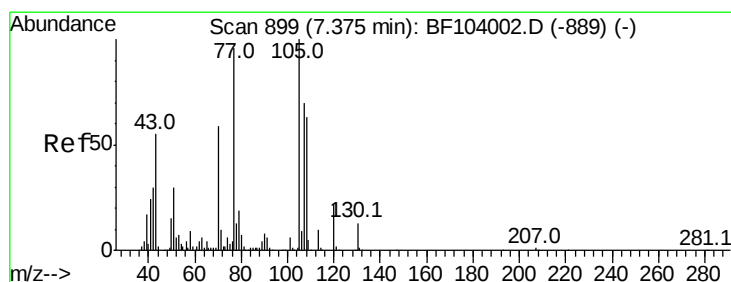
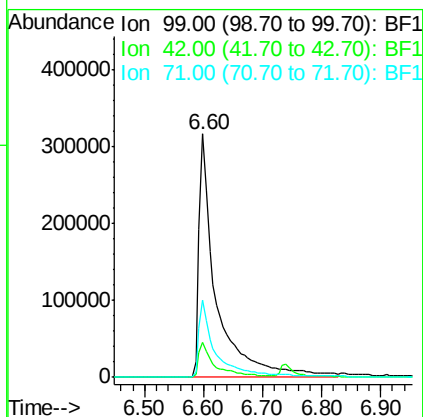
Tot Ion: 99 Resp: 642261

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

71 31.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.963 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF104036.D

Acq: 29 Mar 2018 3:43

Tgt Ion: 70 Resp: 56687

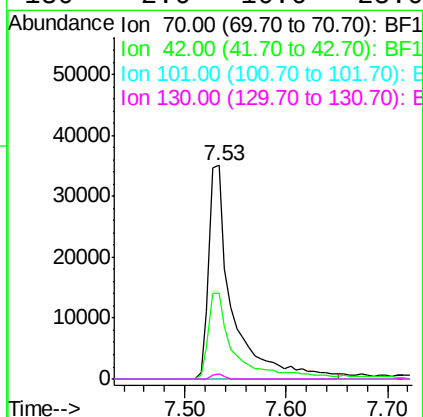
Ion Ratio Lower Upper

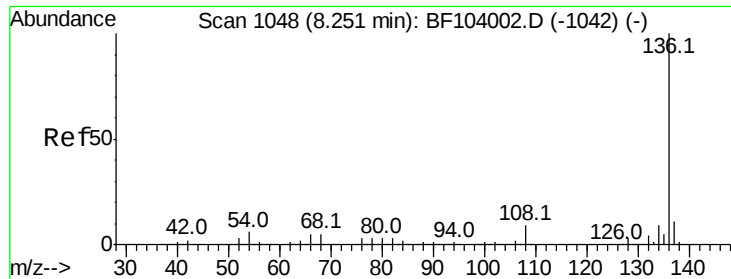
70 100

42 40.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

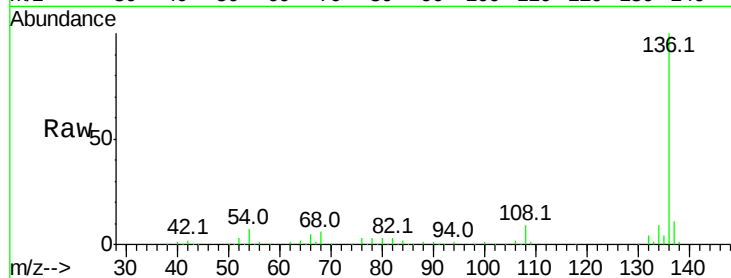




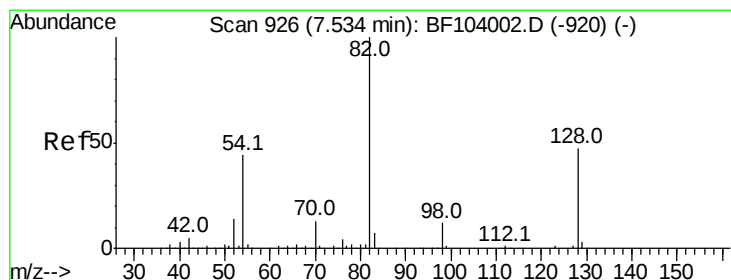
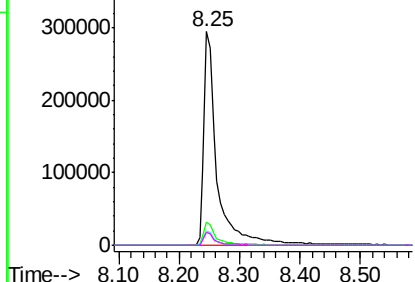
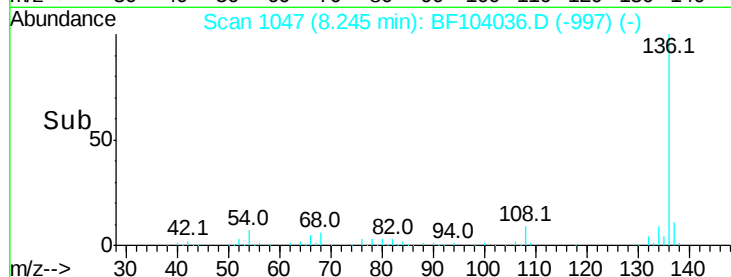
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104036.D
Acq: 29 Mar 2018 3:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	447158
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4

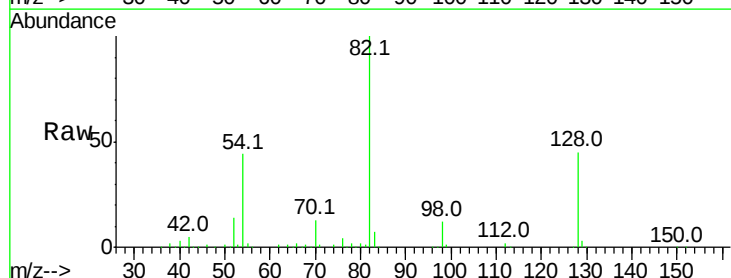


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

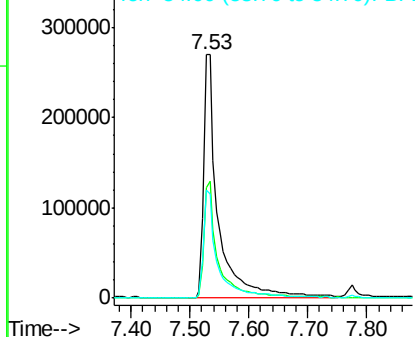
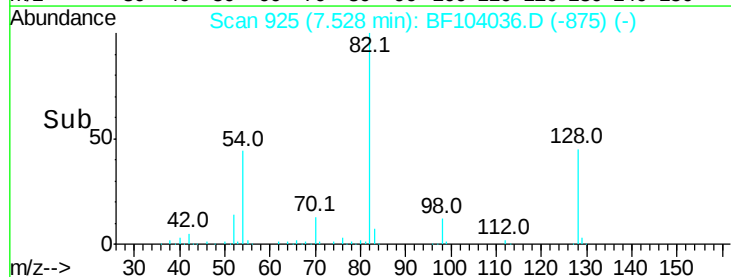


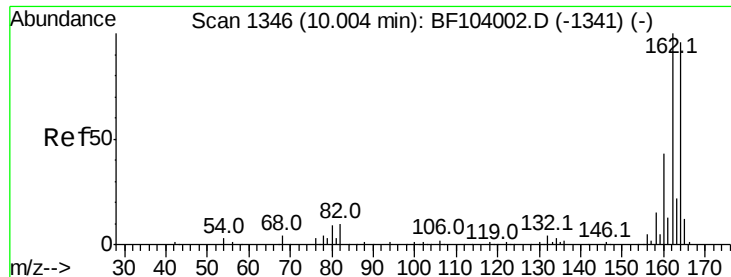
#23
Nitrobenzene-d5
Concen: 63.202 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104036.D
Acq: 29 Mar 2018 3:43

Tgt Ion:	82	Resp:	462119
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	44.3	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104036.D

Acq: 29 Mar 2018 3:43

Instrument :

BNA_F

ClientSampleId :

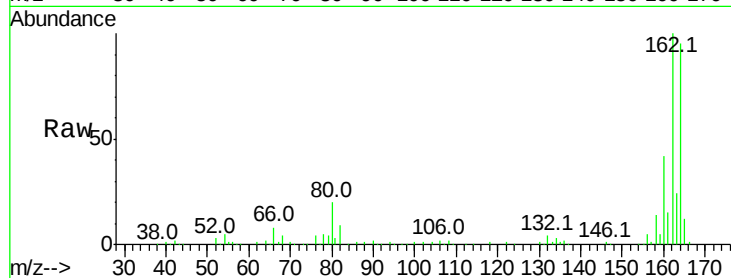
Tot Ion:164 Resp: 172943

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

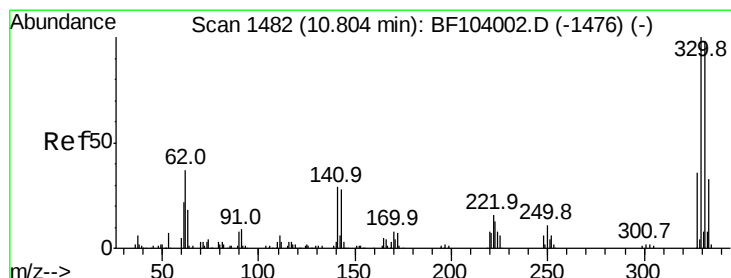
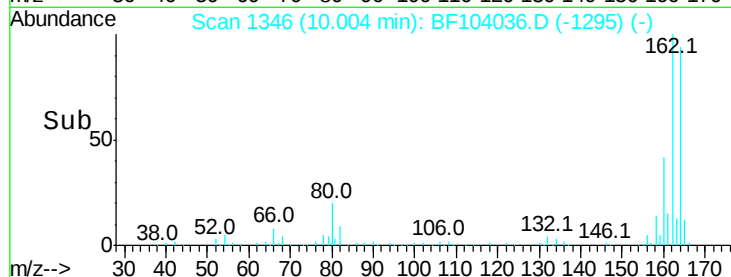
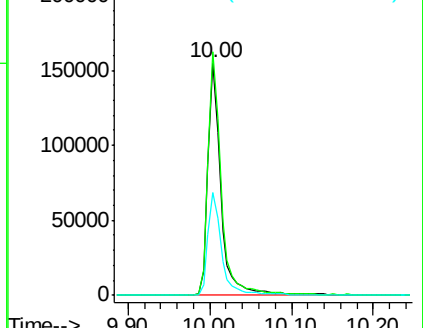
160 44.2 38.3 57.5



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: 19.407 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF104036.D

Acq: 29 Mar 2018 3:43

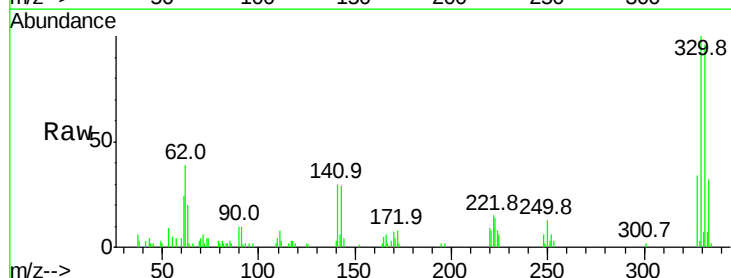
Tgt Ion:330 Resp: 37372

Ion Ratio Lower Upper

330 100

332 92.9 77.0 115.6

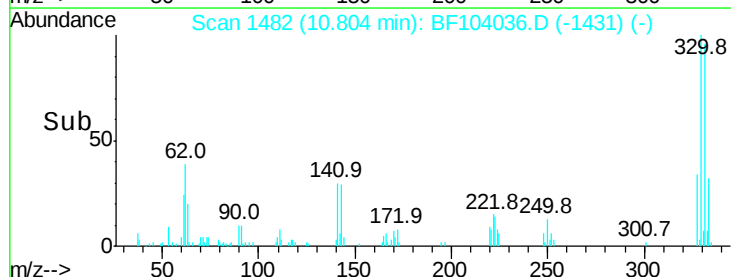
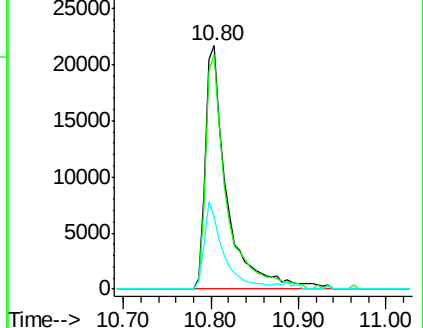
141 31.9 29.9 44.9

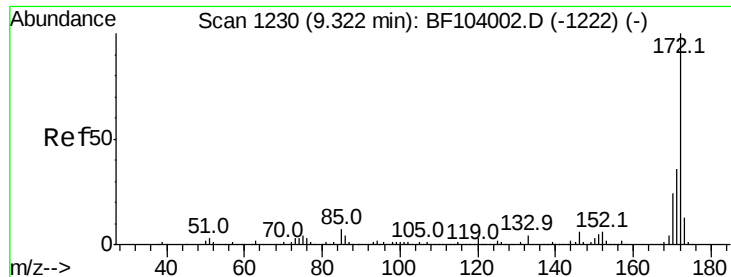


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



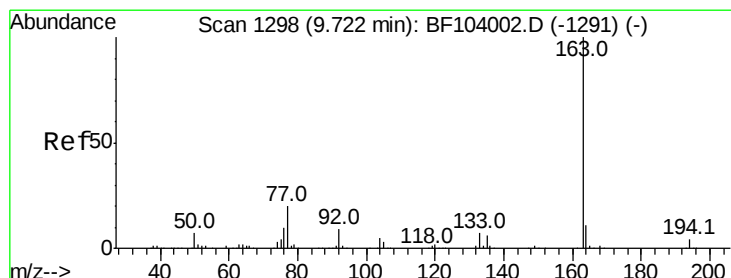
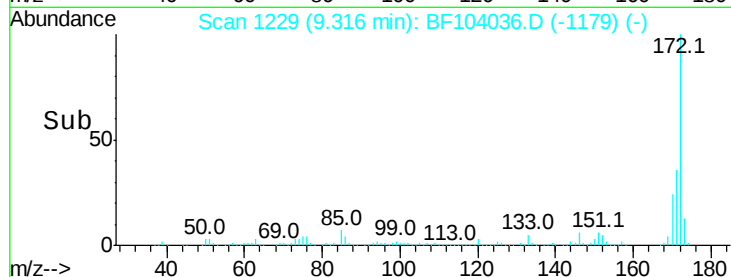
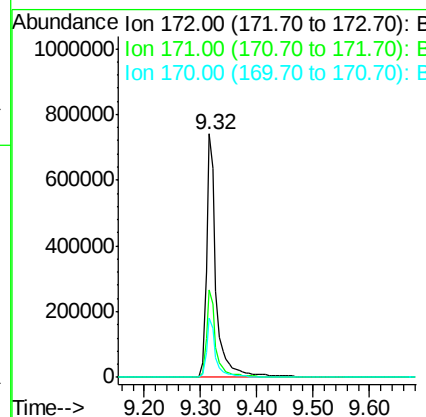
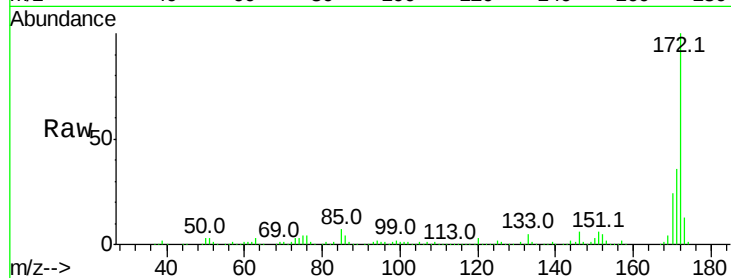


#44
 2-Fluorobiphenyl
 Concen: 81.728 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104036.D
 Acq: 29 Mar 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 896328

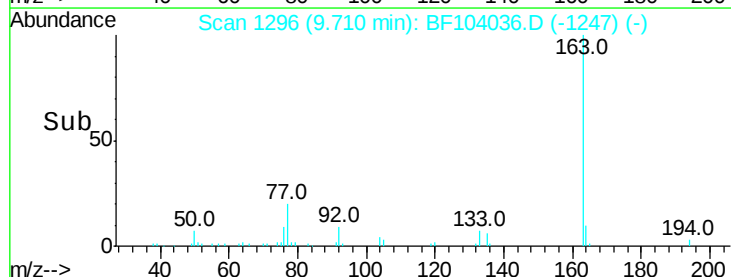
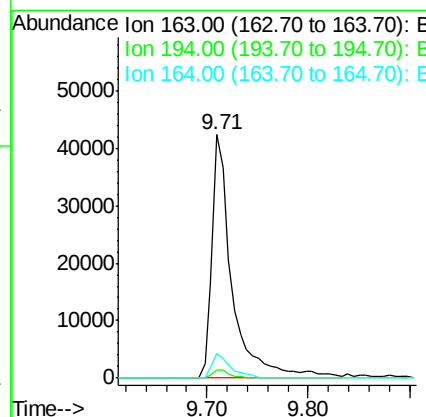
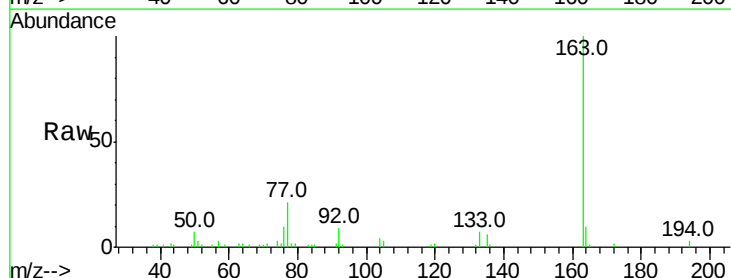
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

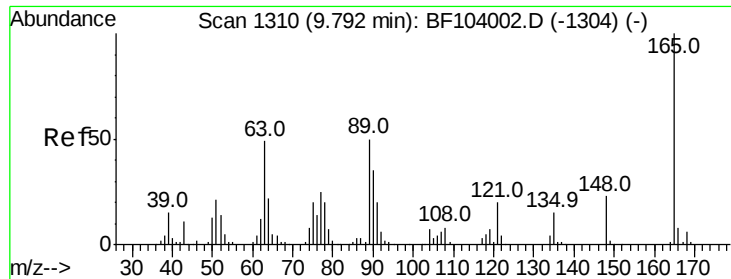


#49
 Dimethylphthalate
 Concen: 4.297 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF104036.D
 Acq: 29 Mar 2018 3:43

Tgt Ion:163 Resp: 58673

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2

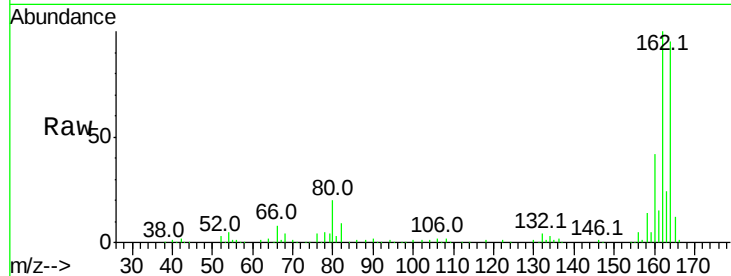




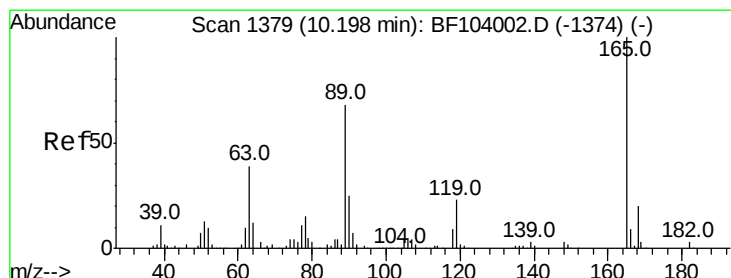
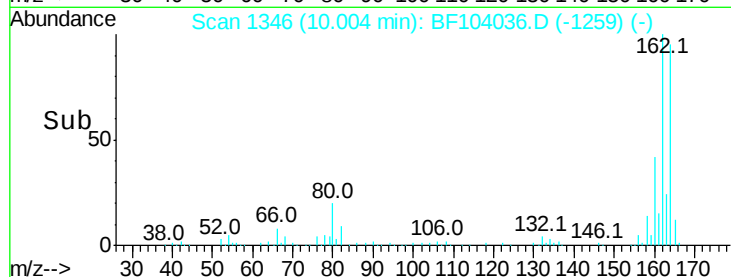
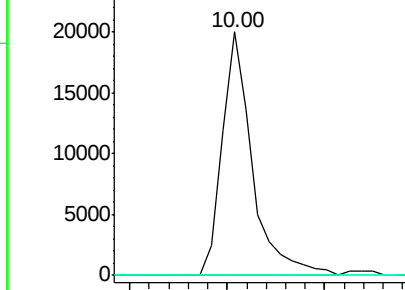
#50
 2,6-Dinitrotoluene
 Concen: 7.275 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104036.D
 Acq: 29 Mar 2018 3:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 21371
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

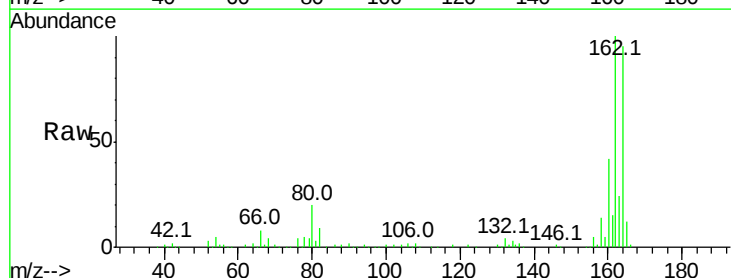


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

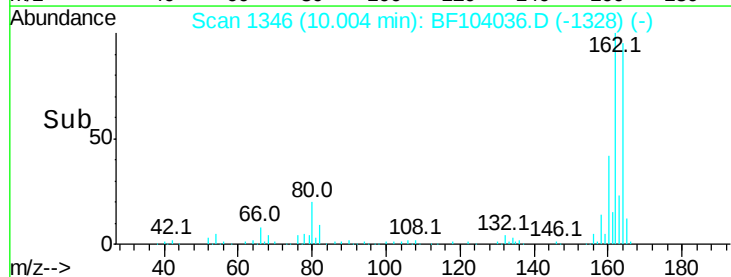
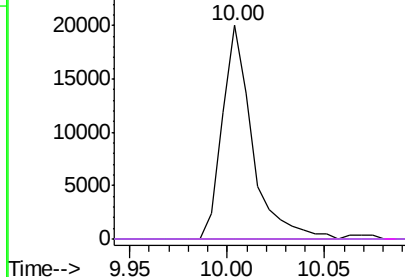


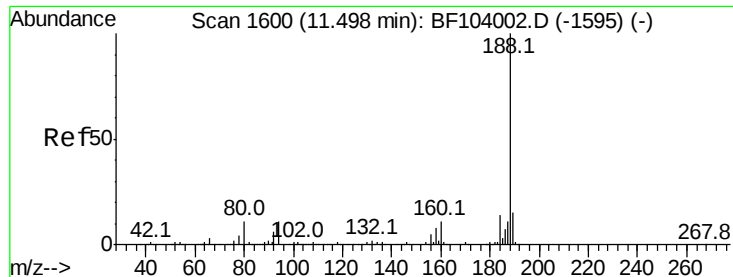
#56
 2,4-Dinitrotoluene
 Concen: 5.701 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.19 min
 Lab File: BF104036.D
 Acq: 29 Mar 2018 3:43

Tgt Ion:165 Resp: 21371
 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

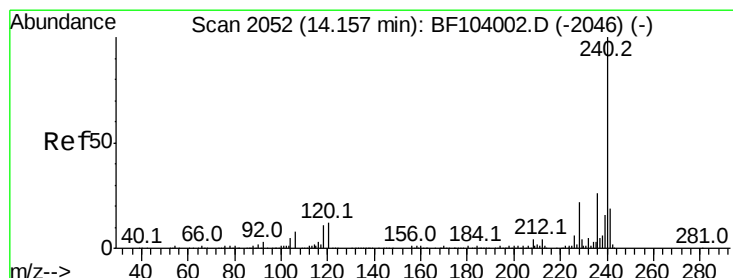
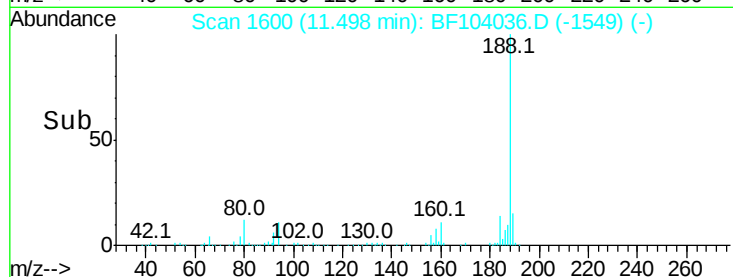
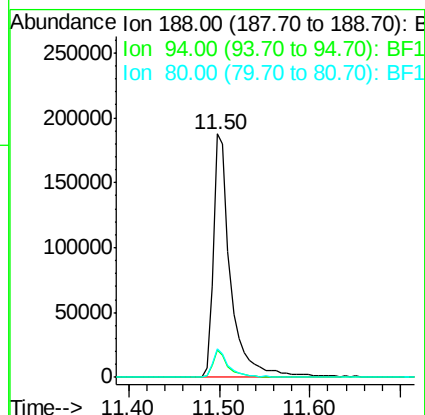
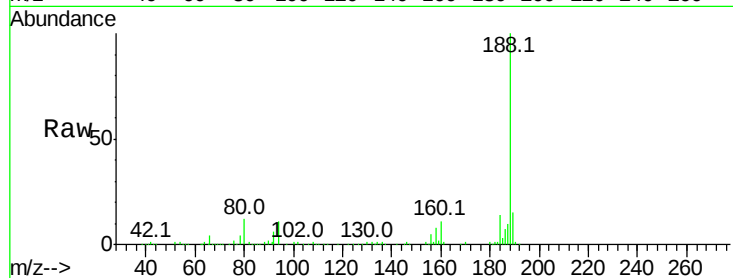




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104036.D
Acq: 29 Mar 2018 3:43

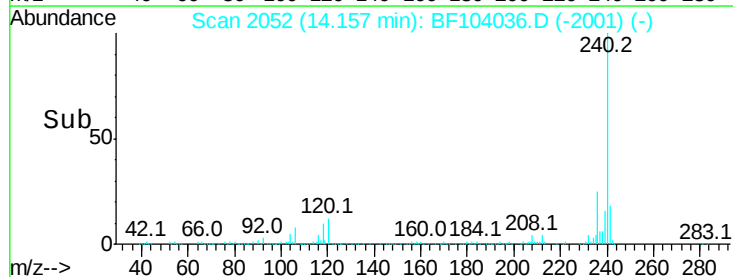
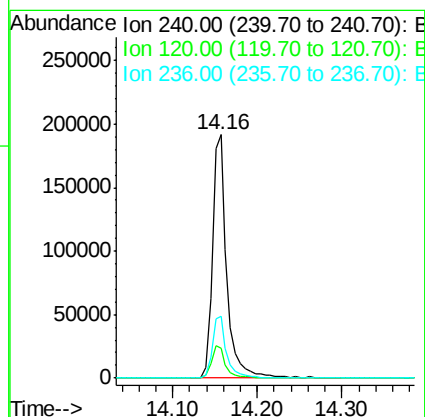
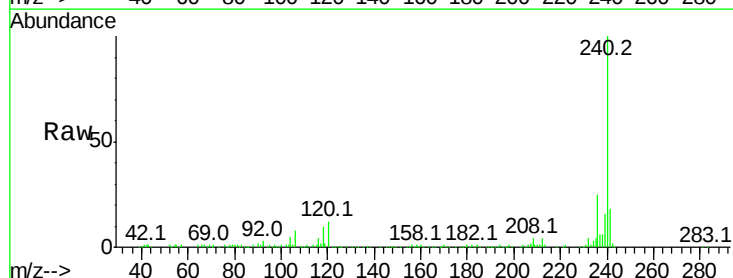
Instrument :
BNA_F
ClientSampleId :

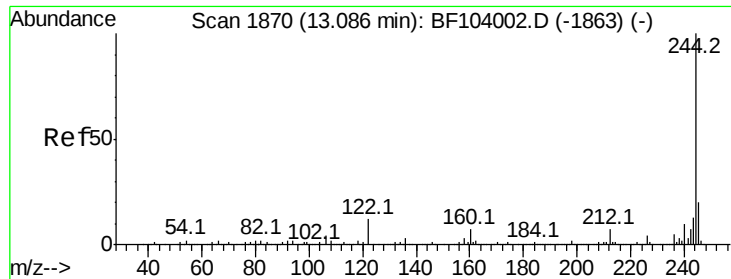
Tot Ion:188 Resp: 250932
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104036.D
Acq: 29 Mar 2018 3:43

Tgt Ion:240 Resp: 228935
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.2 20.7 31.1

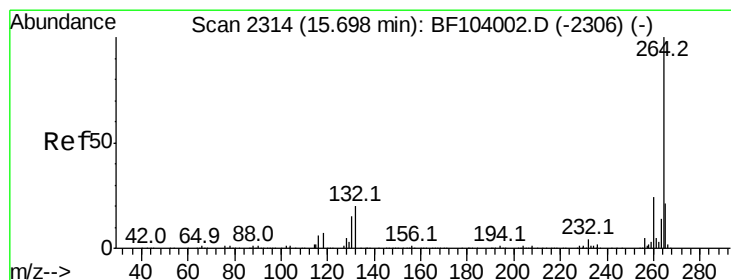
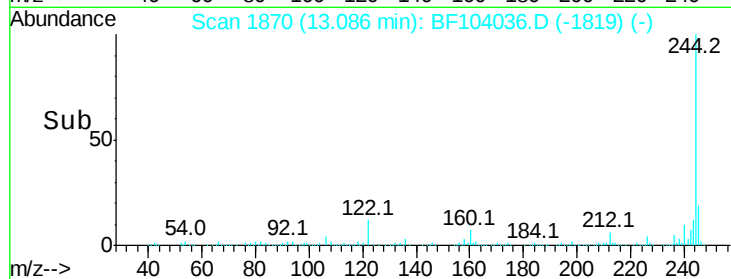
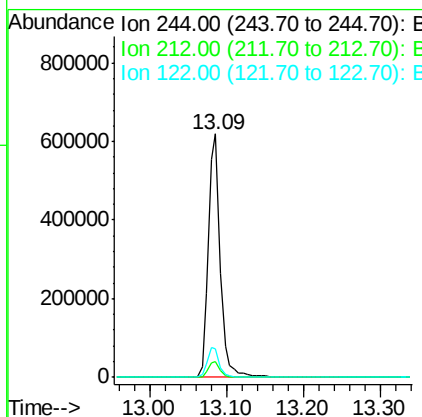
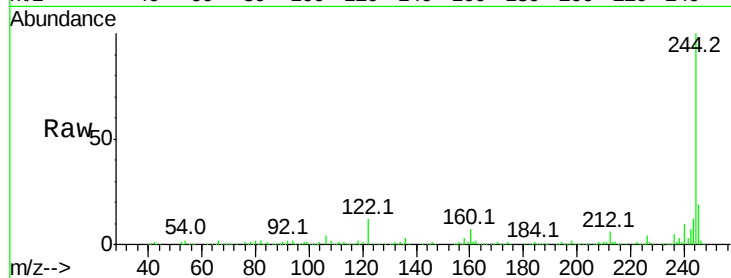




#78
 Terphenyl-d14
 Concen: 66.700 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104036.D
 Acq: 29 Mar 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 661336
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104036.D
 Acq: 29 Mar 2018 3:43

Tgt Ion:264 Resp: 162954
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.1 17.5 26.3

