

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104086.D
 Acq On : 30 Mar 2018 7:55
 Operator : JU/SJ
 Sample : J2113-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 08:36:28 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

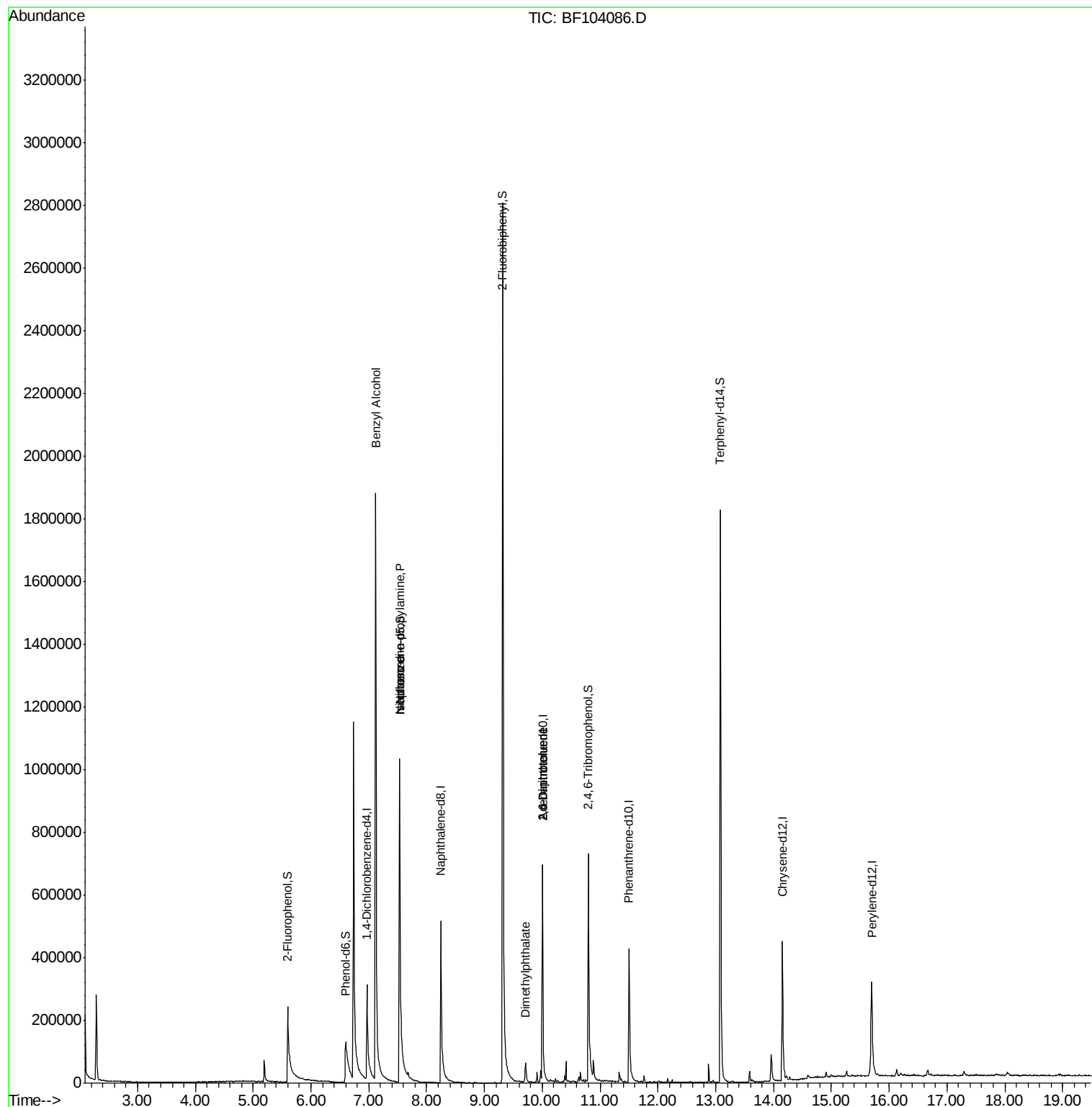
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	106546	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	436162	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	183756	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	273974	20.00	ng	0.00
75) Chrysene-d12	14.15	240	231584	20.00	ng	0.00
86) Perylene-d12	15.70	264	217789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	230747	34.54	ng	0.00
7) Phenol-d6	6.60	99	182907	22.25	ng	0.00
23) Nitrobenzene-d5	7.53	82	658241	92.29	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	147281	71.98	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1227449	105.33	ng	0.00
78) Terphenyl-d14	13.08	244	798292	79.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.12	79	10958	2.050	ng	# 35
19) n-Nitroso-di-n-propylamine	7.53	70	79827	16.364	ng	# 70
25) Isophorone	7.53	82	662768	50.425	ng	# 64
49) Dimethylphthalate	9.71	163	43696	3.012	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	22261	7.132	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	22825	5.731	ng	# 23

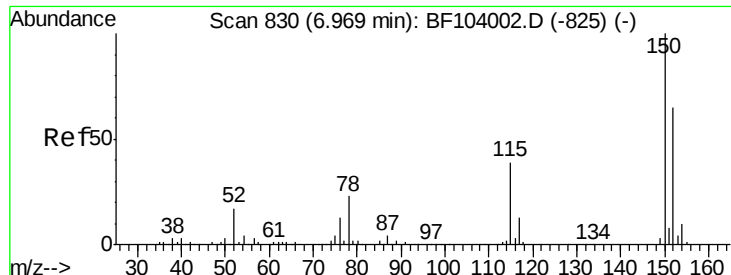
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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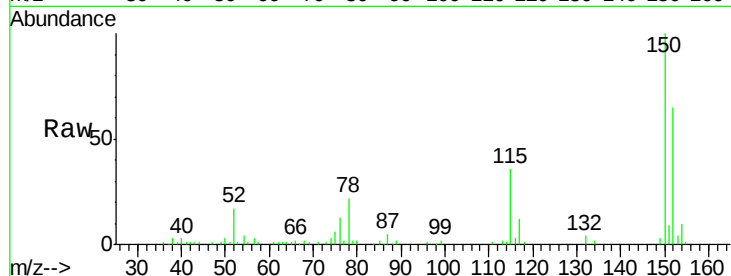


#1

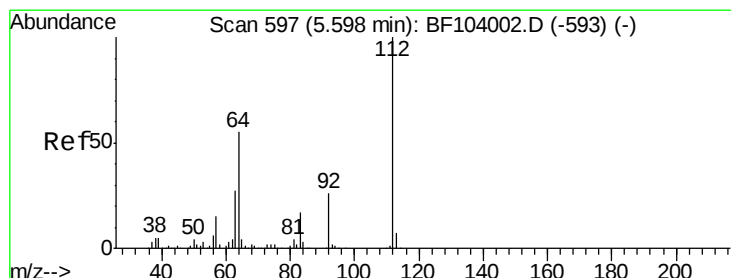
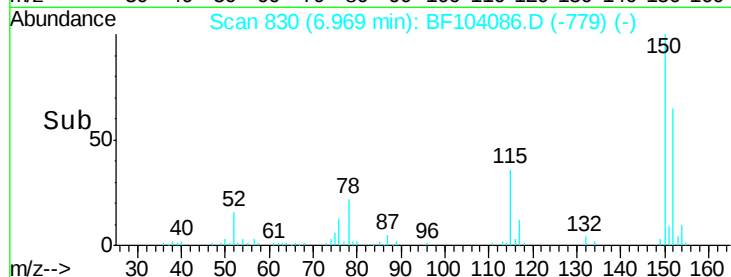
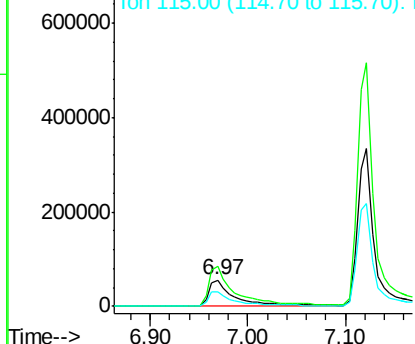
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	55.5	50.1	75.1



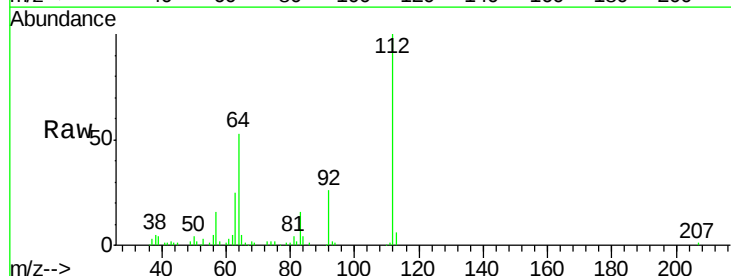
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



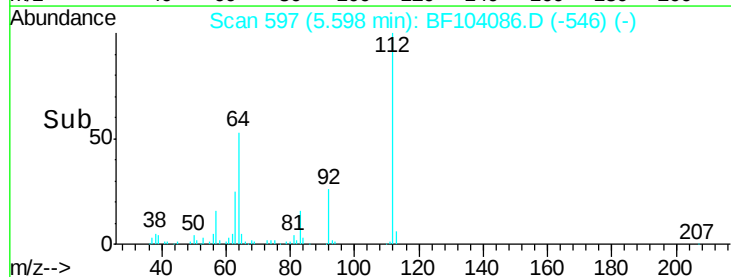
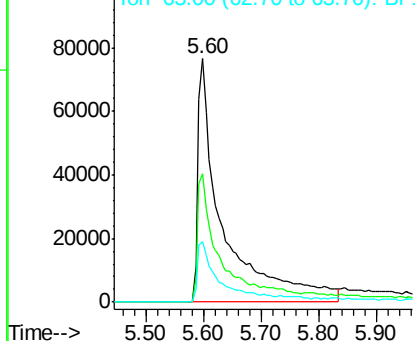
#5

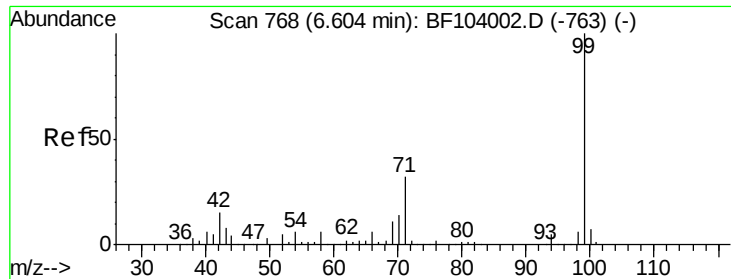
2-Fluorophenol
Concen: 34.537 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	25.1	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: 22.252 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

Instrument :

BNA_F

ClientSampleId :

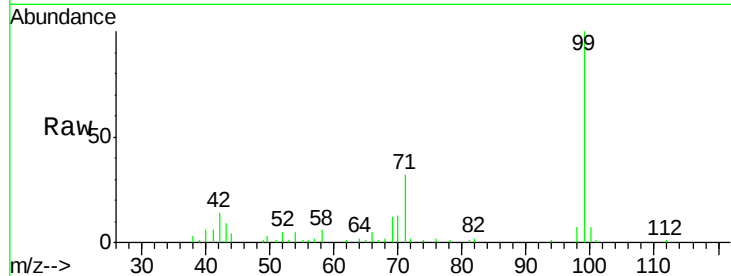
Tot Ion: 99 Resp: 182907

Ion Ratio Lower Upper

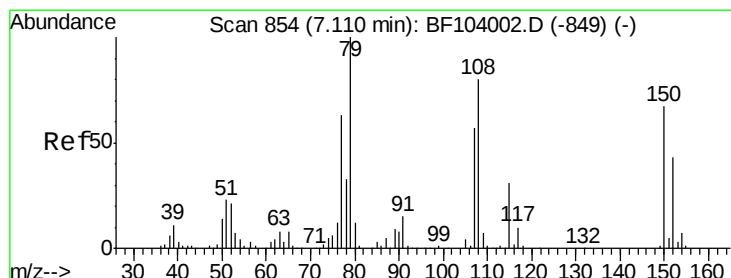
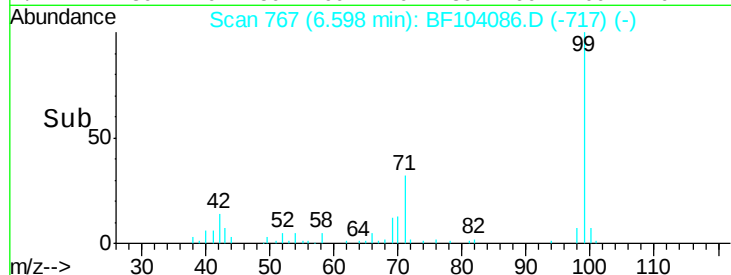
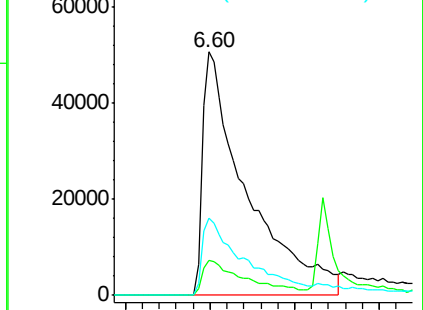
99 100

42 14.4 14.5 21.7#

71 31.7 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: 2.050 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

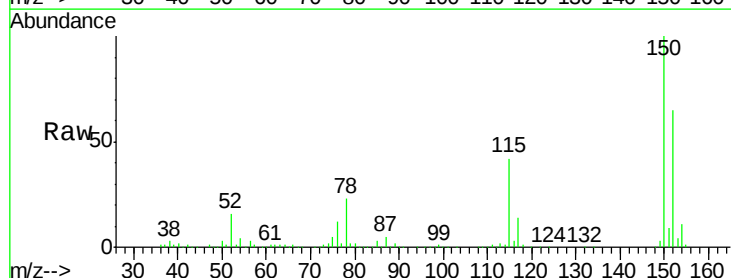
Tgt Ion: 79 Resp: 10958

Ion Ratio Lower Upper

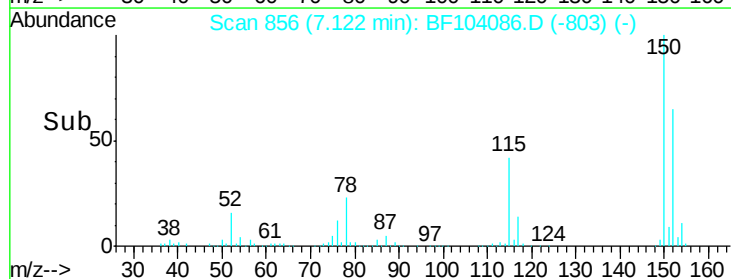
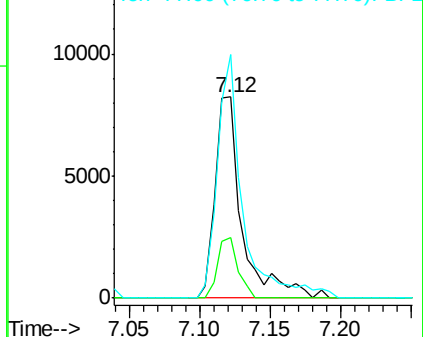
79 100

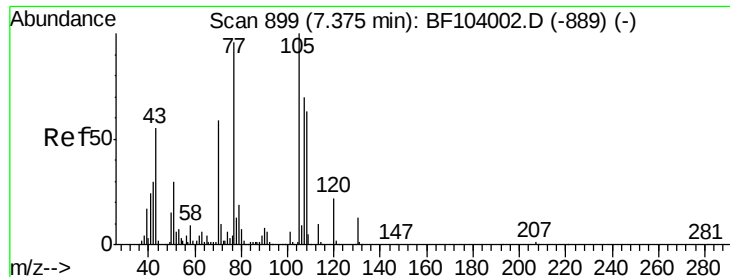
108 30.0 65.1 97.7#

77 121.0 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

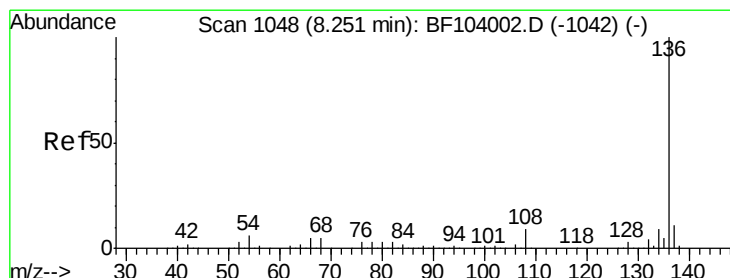
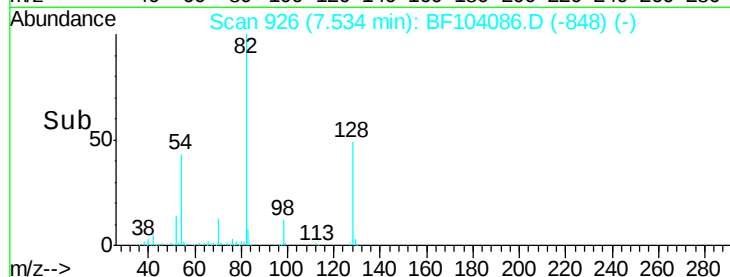
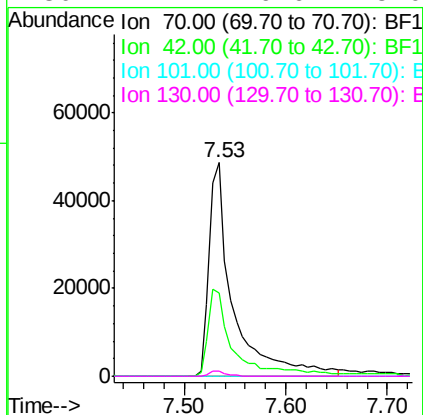
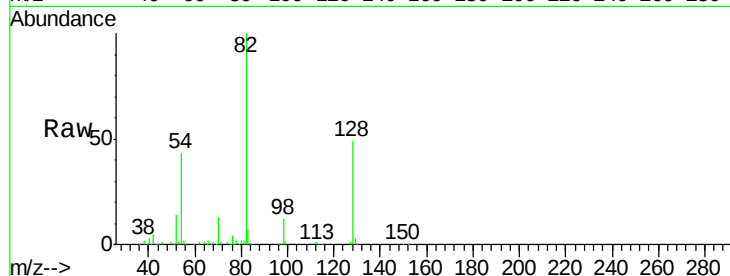




#19
n-Nitroso-di-n-propylamine
Concen: 16.364 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

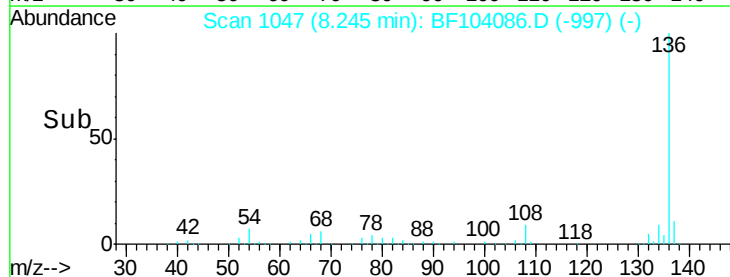
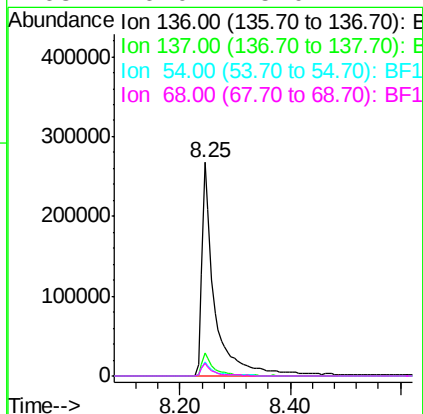
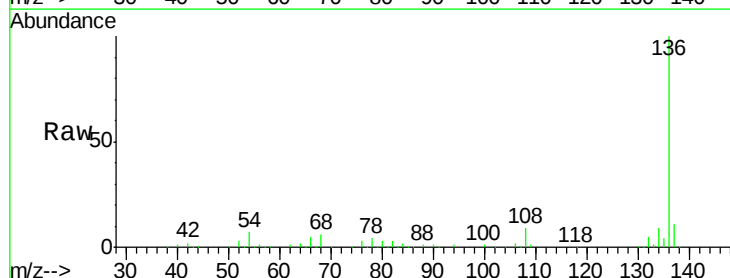
Instrument :
BNA_F
ClientSampleId :

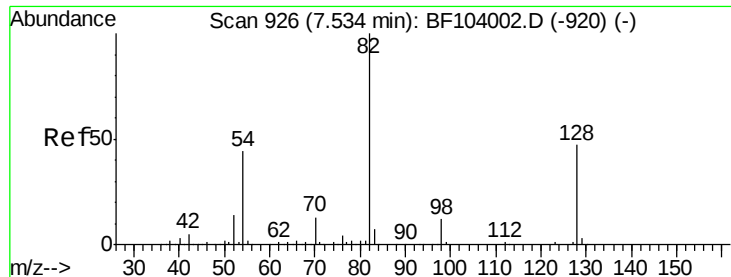
Tot Ion: 70 Resp: 79827
Ion Ratio Lower Upper
70 100
42 38.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Tgt Ion:136 Resp: 436162
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.9 6.6 9.8
68 6.0 5.0 7.4

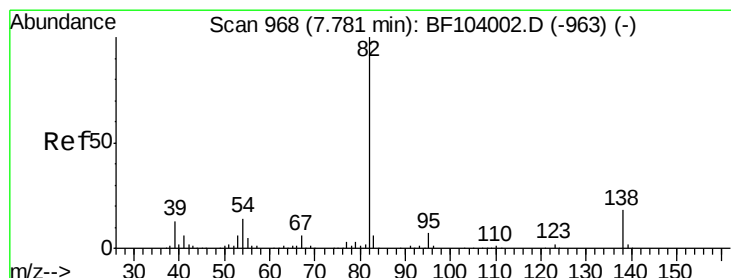
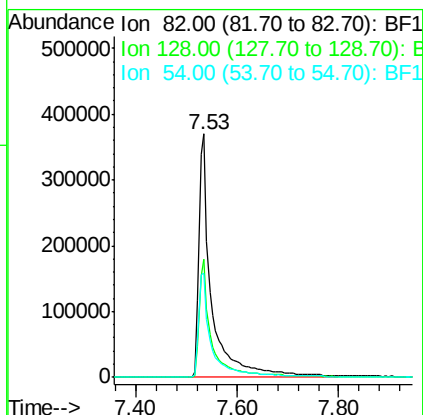
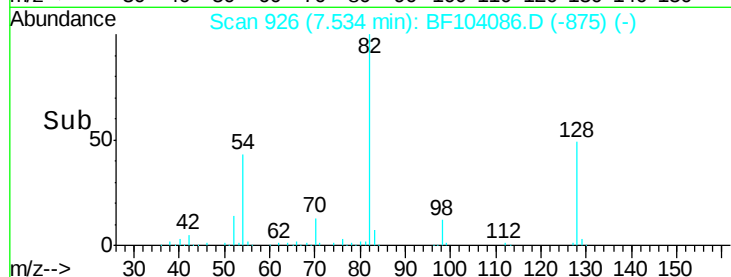
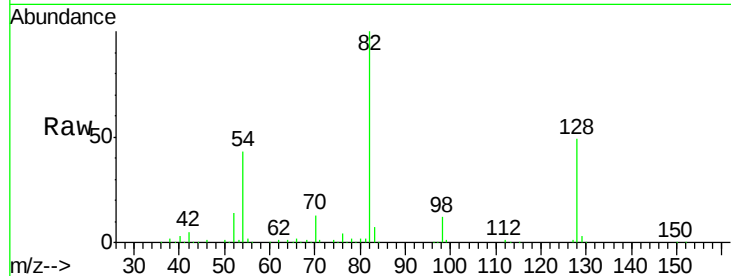




#23
Nitrobenzene-d5
Concen: 92.294 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

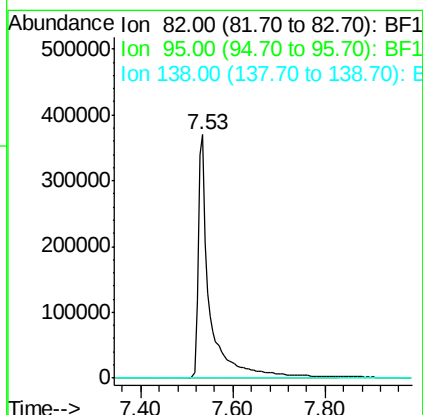
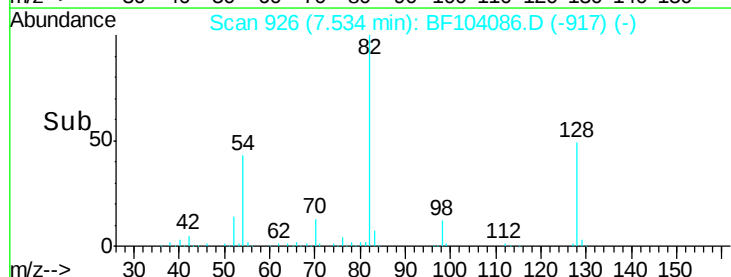
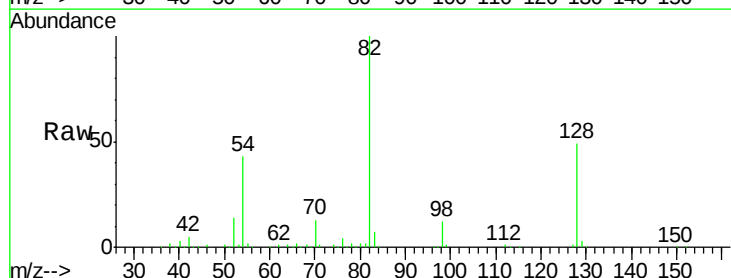
Instrument :
BNA_F
ClientSampled :

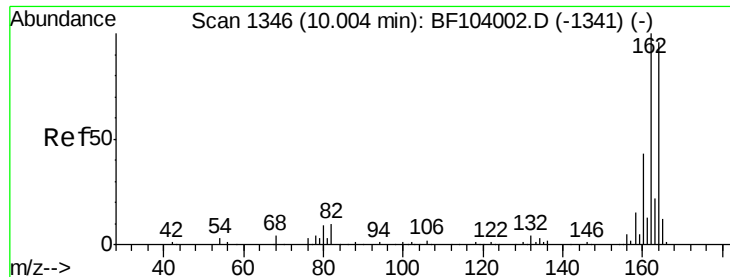
Tot Ion: 82 Resp: 658241
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 43.0 41.4 62.2



#25
Isophorone
Concen: 50.425 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Tgt Ion: 82 Resp: 662768
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

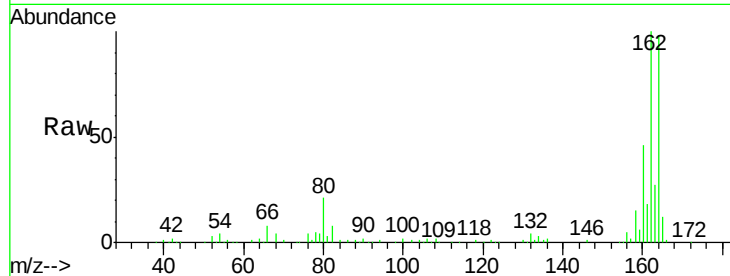




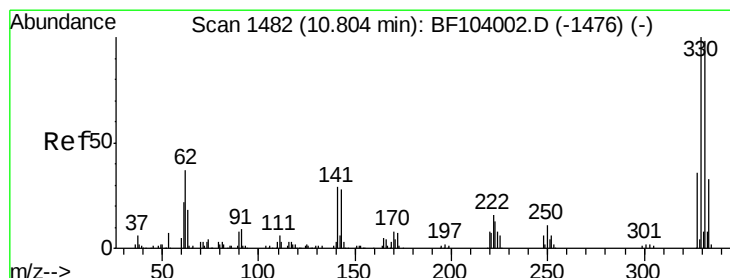
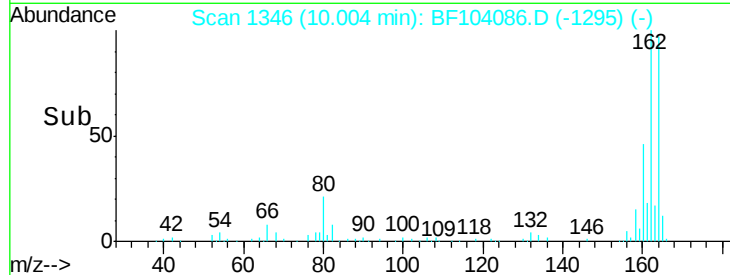
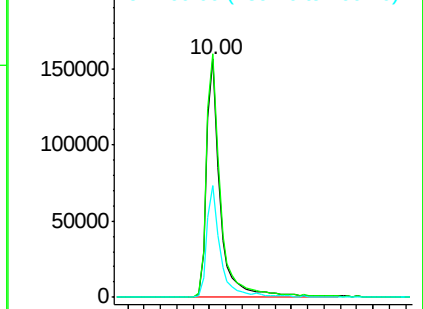
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 183756
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 46.8 38.3 57.5

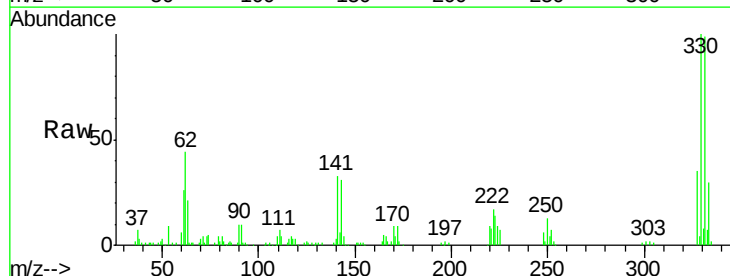


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

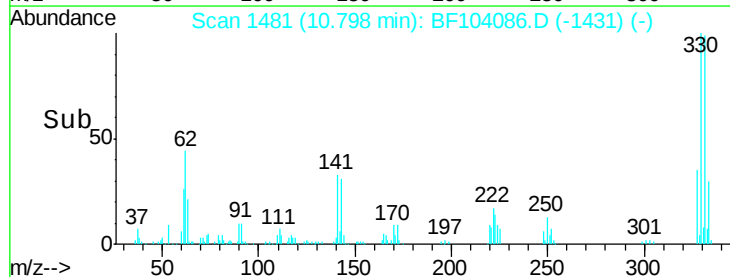
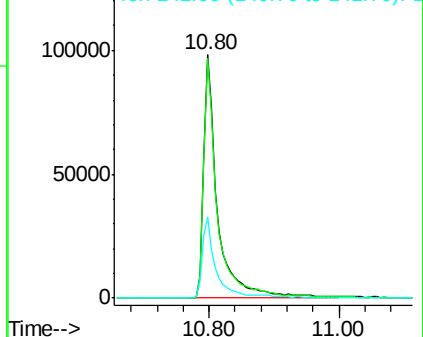


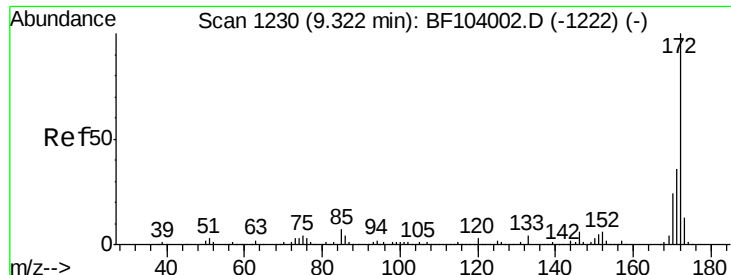
#41
2,4,6-Tribromophenol
Concen: 71.980 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Tgt Ion:330 Resp: 147281
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 30.9 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

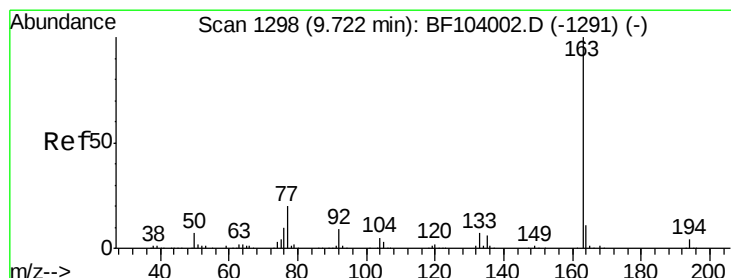
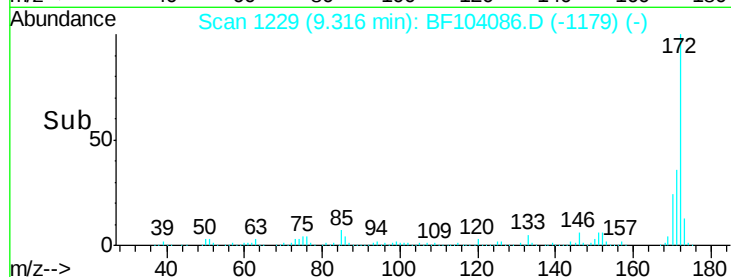
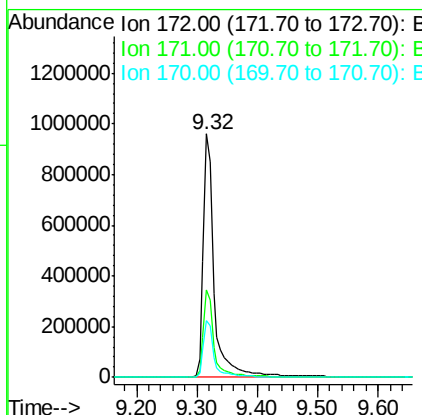
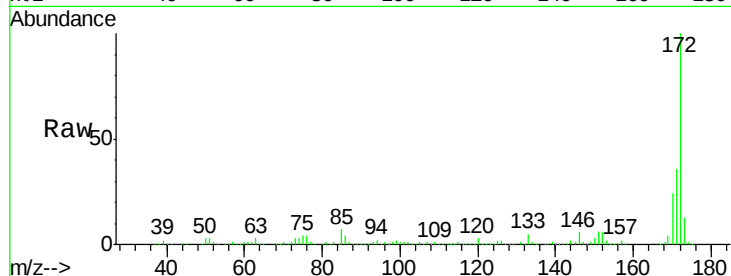




#44
2-Fluorobiphenyl
Concen: 105.334 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

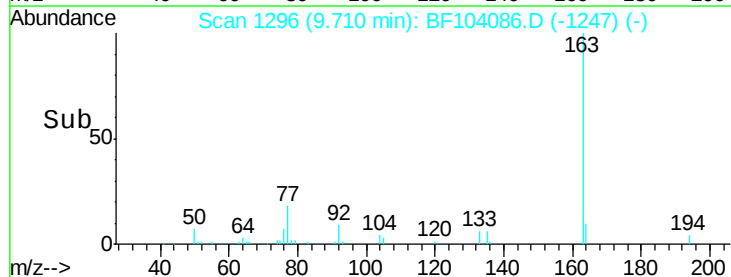
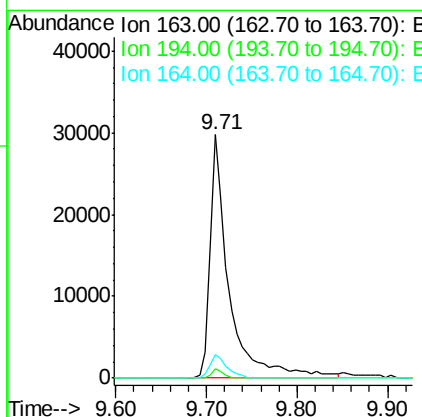
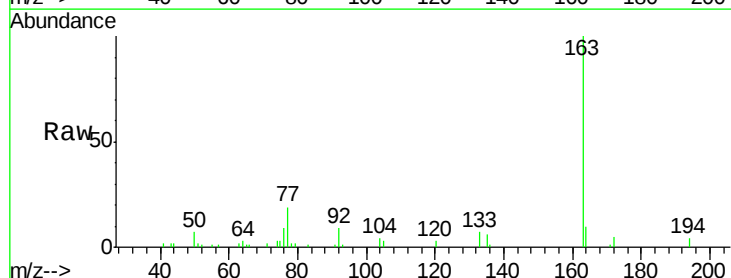
Instrument :
BNA_F
ClientSampleId :

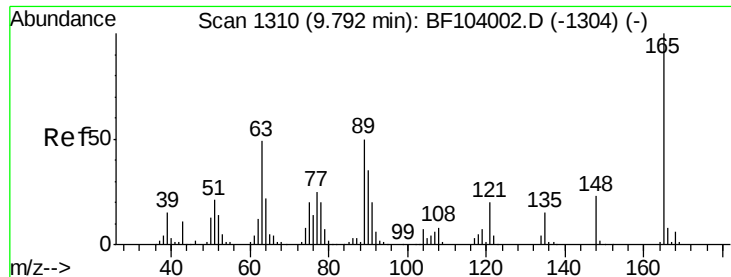
Tot Ion:172 Resp: 1227449
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 3.012 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Tgt Ion:163 Resp: 43696
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2

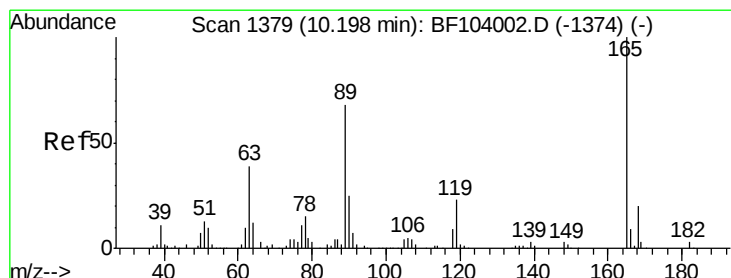
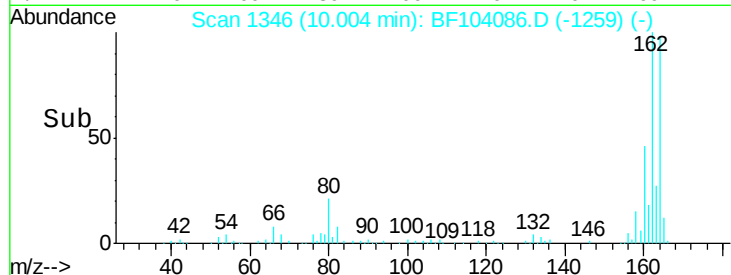
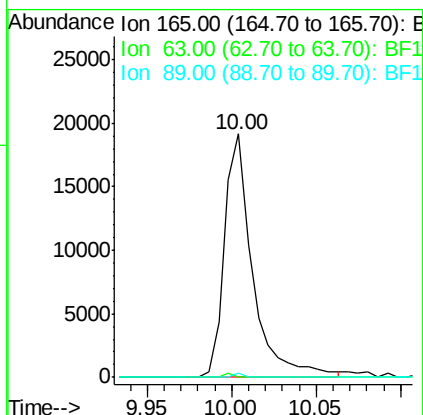
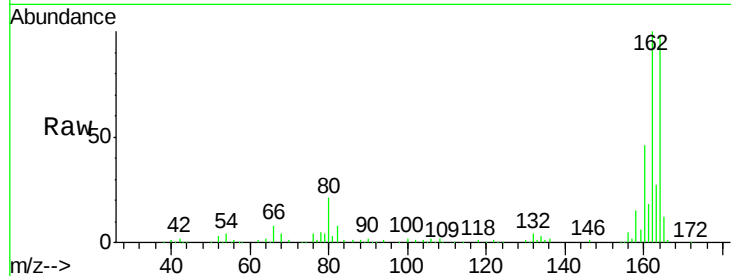




#50
 2,6-Dinitrotoluene
 Concen: 7.132 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104086.D
 Acq: 30 Mar 2018 7:55

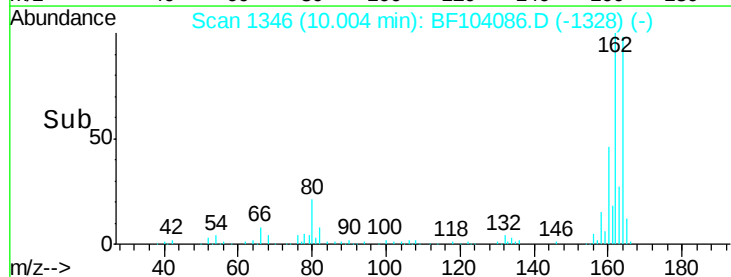
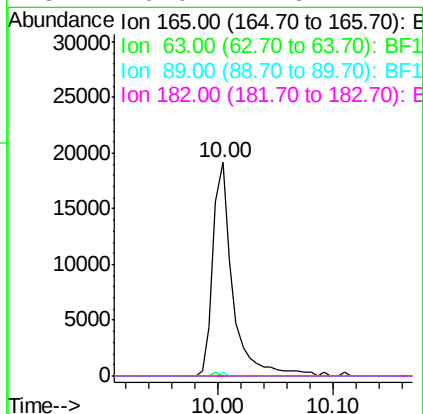
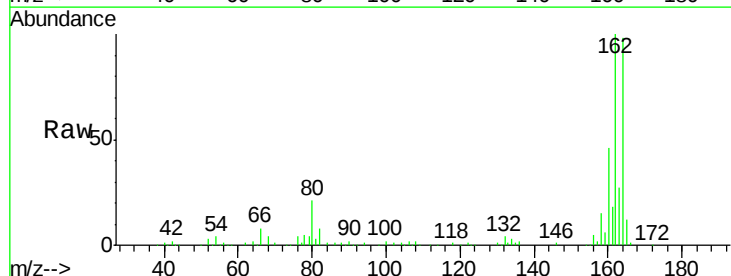
Instrument :
 BNA_F
 ClientSampled :

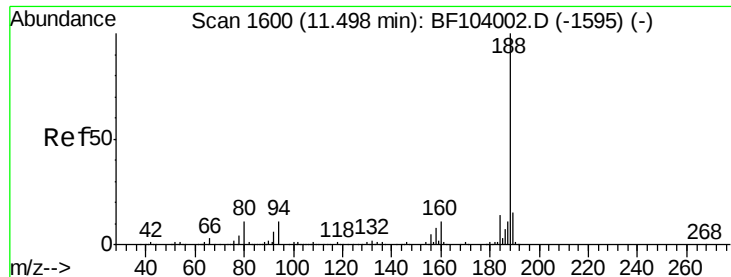
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.731 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.19 min
 Lab File: BF104086.D
 Acq: 30 Mar 2018 7:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

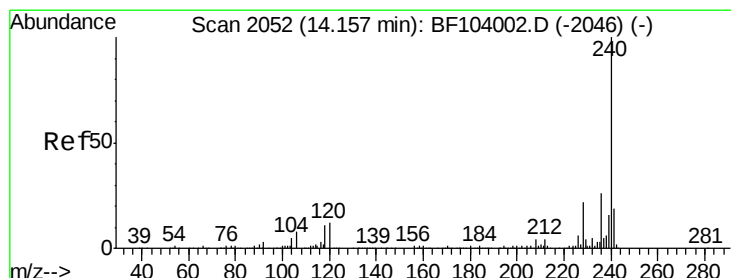
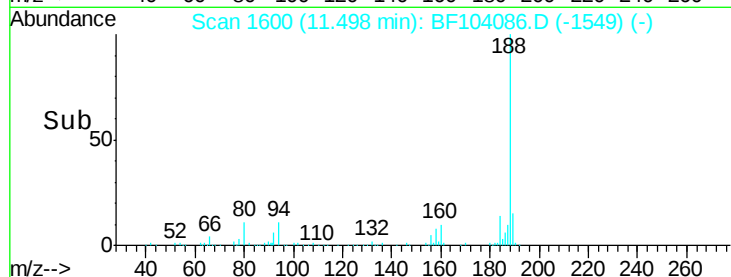
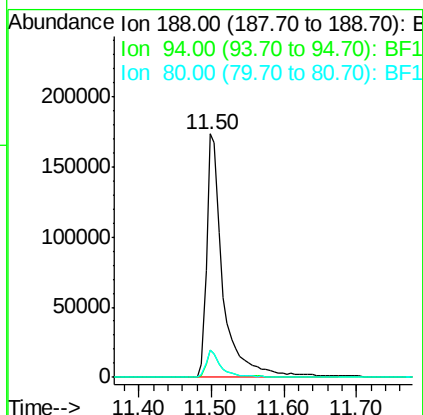
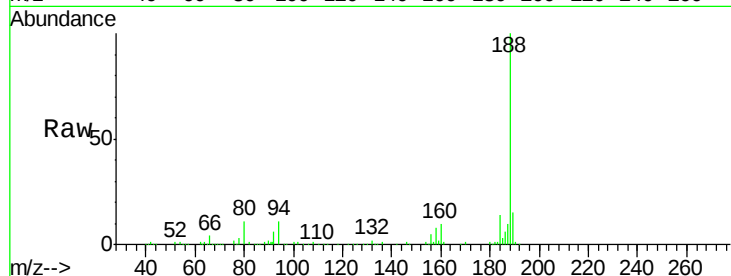




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

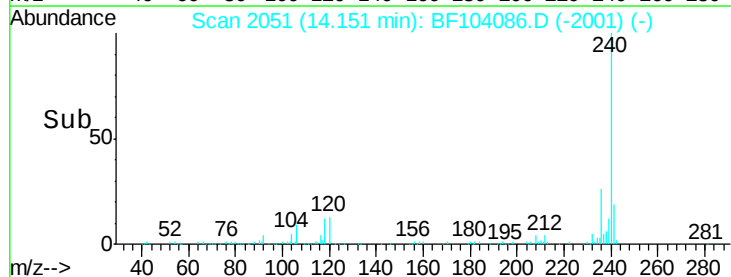
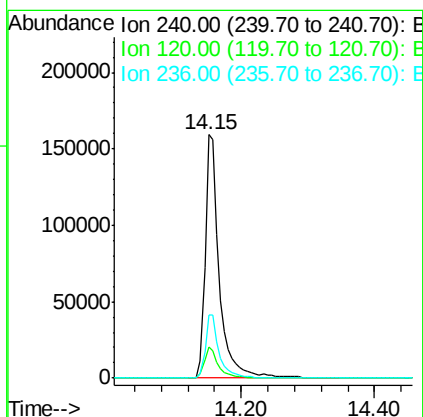
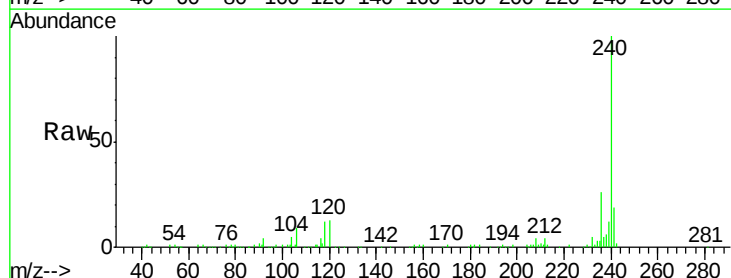
Instrument :
BNA_F
ClientSampleId :

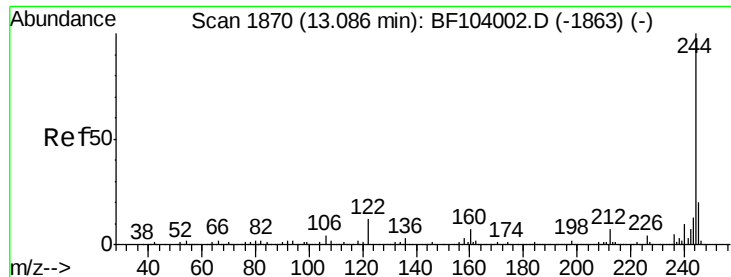
Tot Ion:188 Resp: 273974
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Tgt Ion:240 Resp: 231584
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 79.592 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

Instrument :

BNA_F

ClientSampleId :

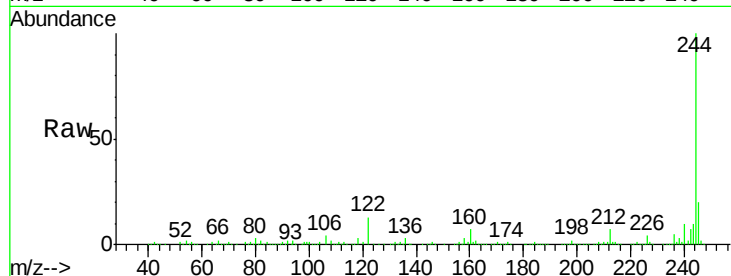
Tot Ion:244 Resp: 798292

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

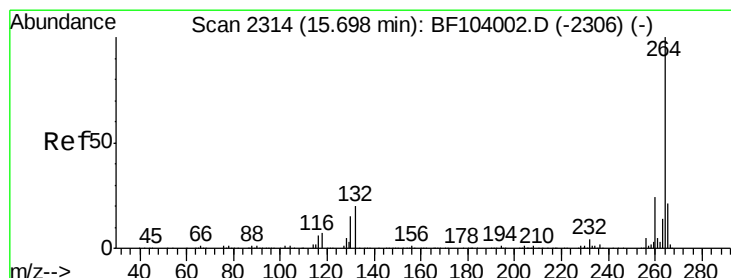
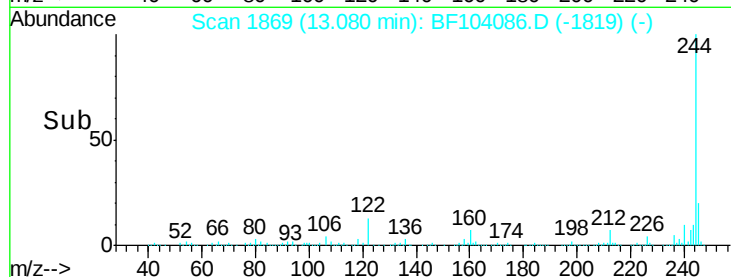
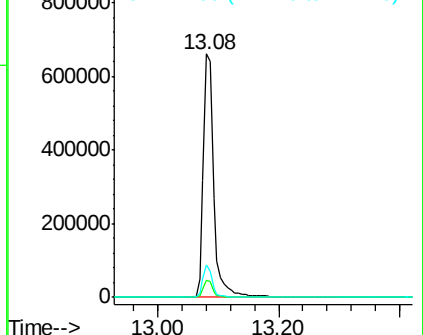
122 13.2 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

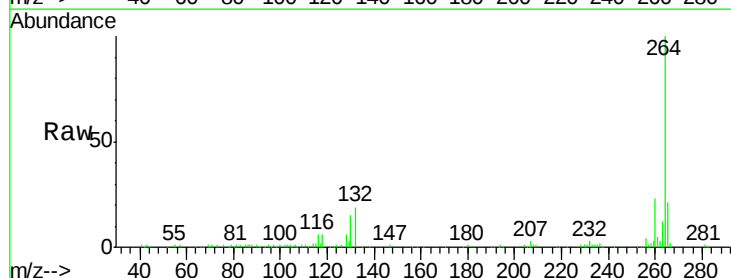
Tgt Ion:264 Resp: 217789

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 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

