

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104040.D
 Acq On : 29 Mar 2018 9:14
 Operator : JU/SJ
 Sample : J2088-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 12:06:41 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

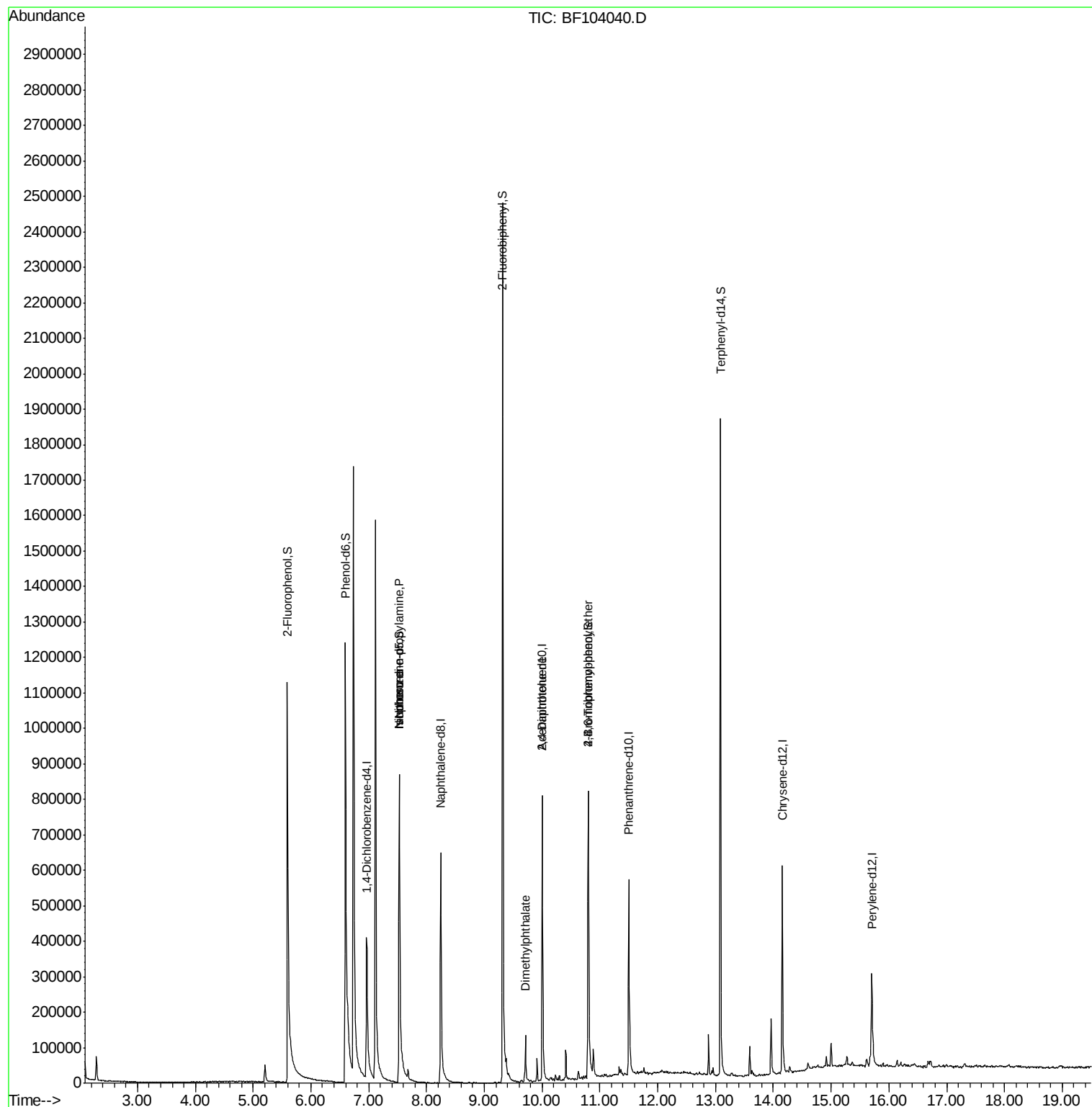
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	115484	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	472084	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	191825	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	283078	20.00	ng	0.00
75) Chrysene-d12	14.16	240	238958	20.00	ng	0.00
86) Perylene-d12	15.70	264	163209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	681069	94.05	ng	0.00
7) Phenol-d6	6.60	99	897279	100.71	ng	0.00
23) Nitrobenzene-d5	7.53	82	504120	65.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	148793	69.66	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1013917	83.35	ng	0.00
78) Terphenyl-d14	13.09	244	751023	72.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	61191	11.573	ng	# 71
25) Isophorone	7.53	82	504120	35.436	ng	# 64
49) Dimethylphthalate	9.71	163	78282	5.169	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	24606	5.918	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	8756	2.891	ng	# 1

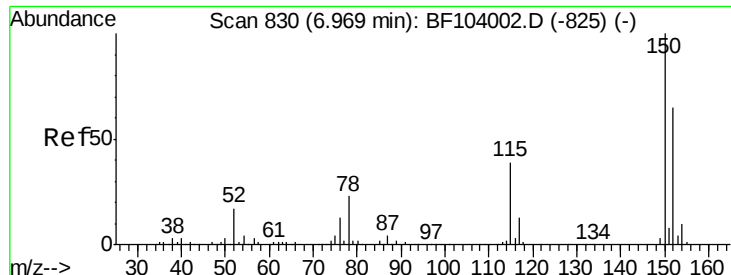
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104040.D
Acq On : 29 Mar 2018 9:14
Operator : JU/SJ
Sample : J2088-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 12:06:41 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



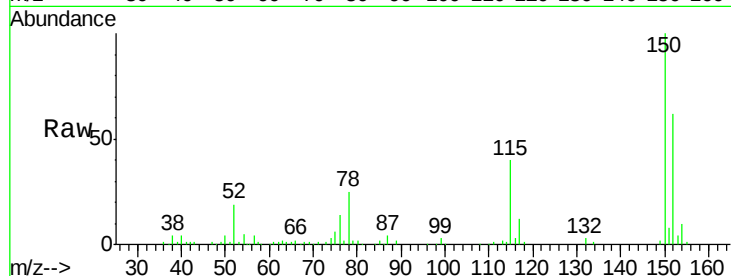


#1

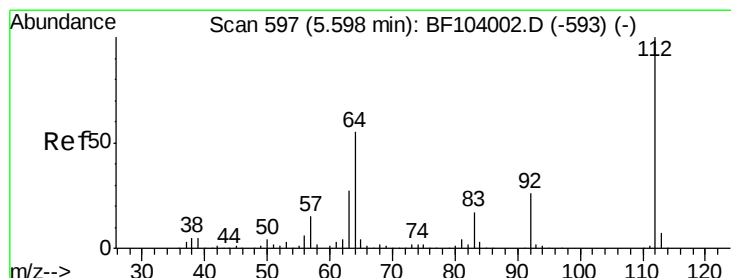
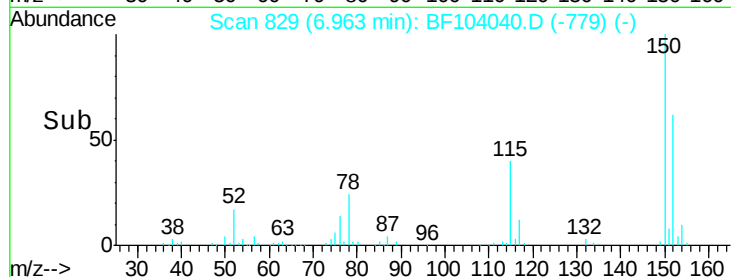
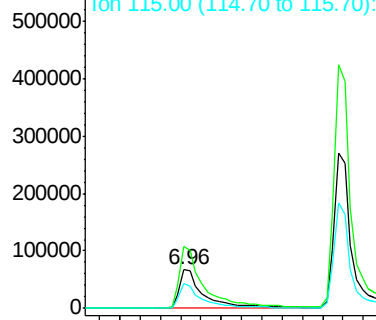
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115484
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 64.7 50.1 75.1



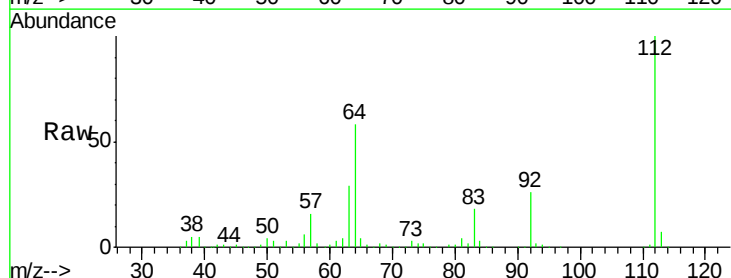
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



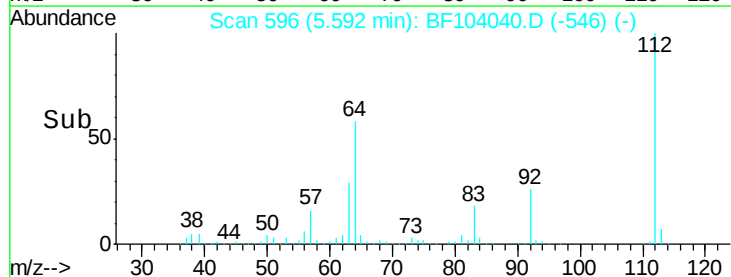
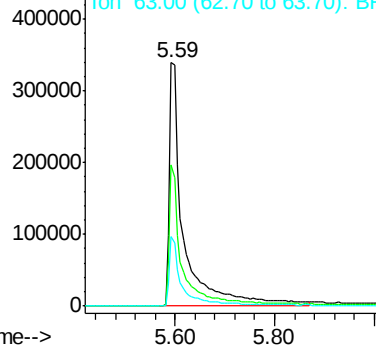
#5

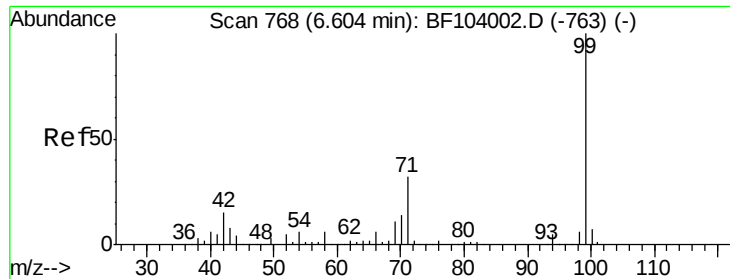
2-Fluorophenol
Concen: 94.051 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Tgt Ion:112 Resp: 681069
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.7 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: 100.713 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

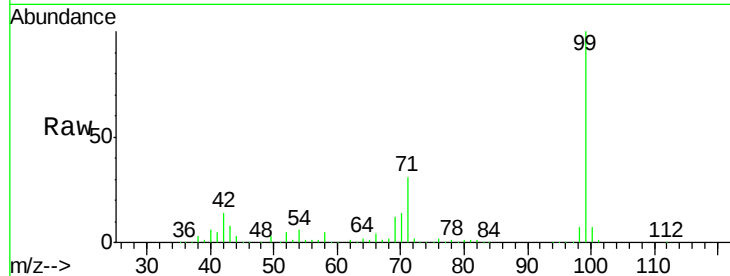
Tot Ion: 99 Resp: 897279

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 31.3 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

600000

500000

400000

300000

200000

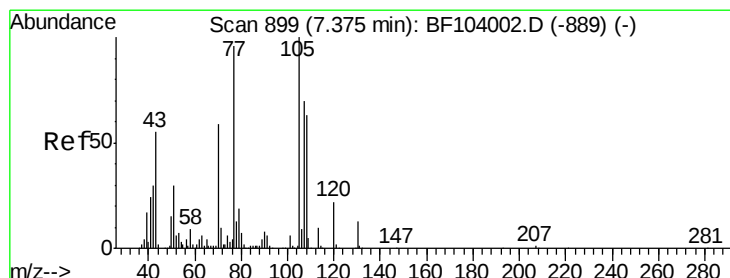
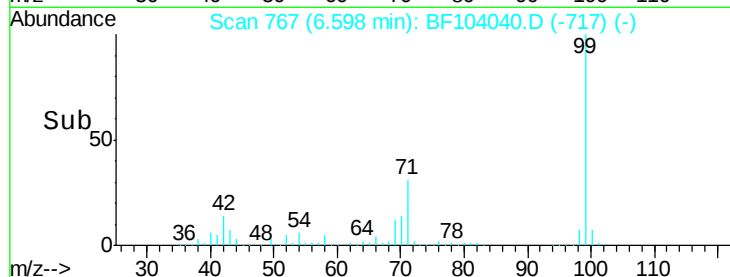
100000

0

6.60

6.80

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 11.573 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Tgt Ion: 70 Resp: 61191

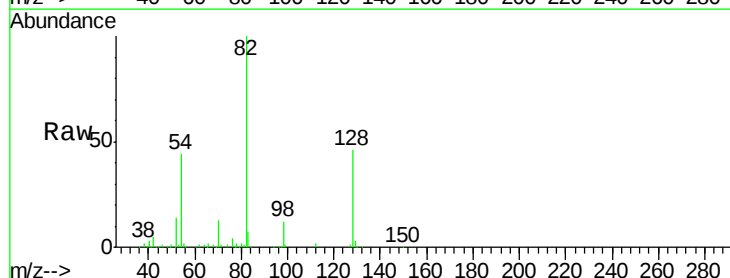
Ion Ratio Lower Upper

70 100

42 39.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

60000

50000

40000

30000

20000

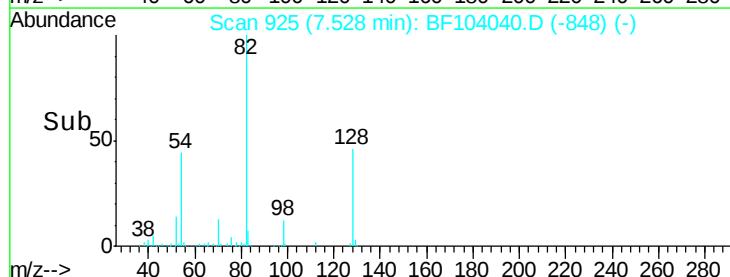
10000

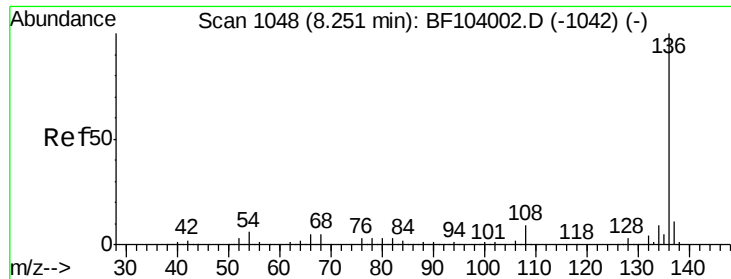
0

7.53

7.60

Time-->

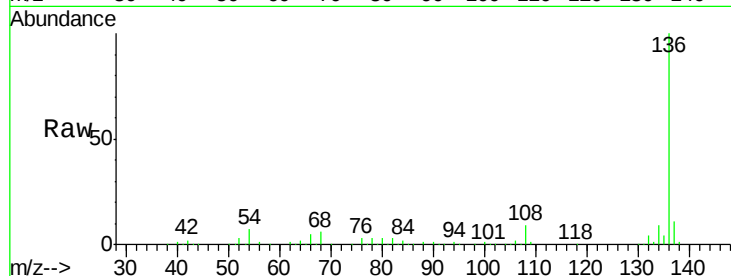




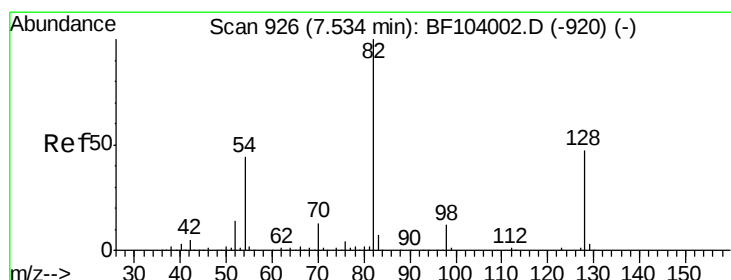
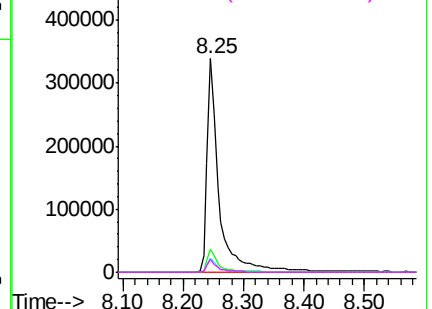
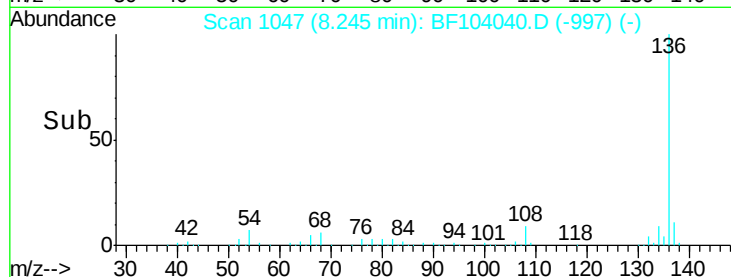
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	472084
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.7	6.6 9.8
68	5.7	5.0 7.4

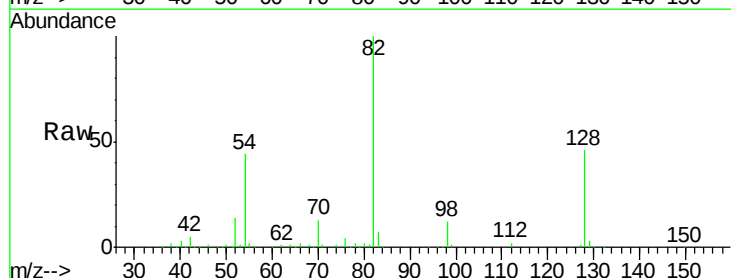


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

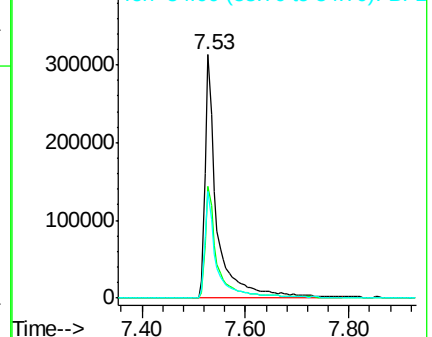
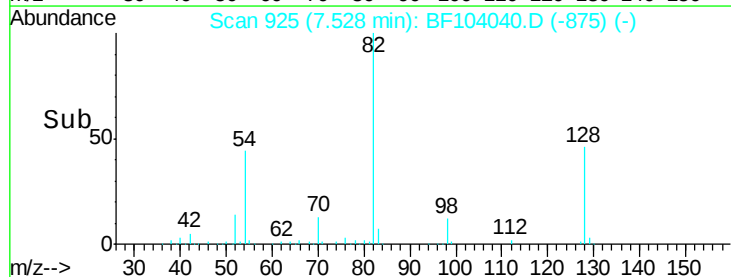


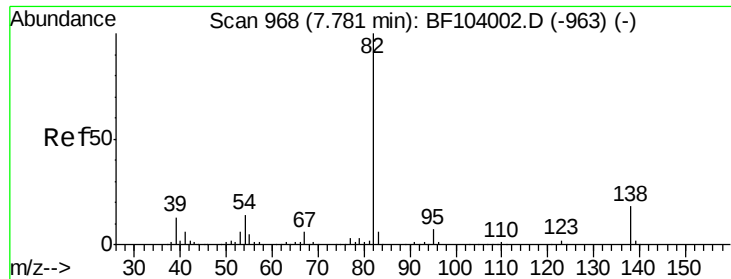
#23
Nitrobenzene-d5
Concen: 65.306 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Tgt Ion: 82	Resp:	504120
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	43.7	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: 35.436 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

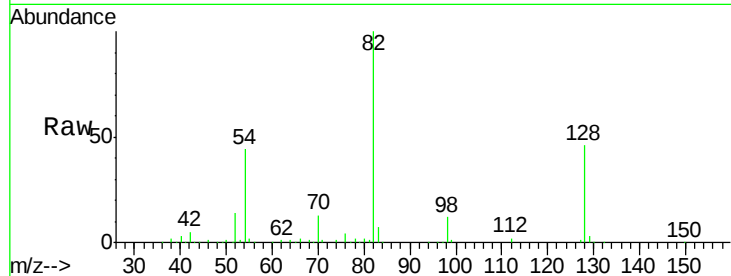
Tot Ion: 82 Resp: 504120

Ion Ratio Lower Upper

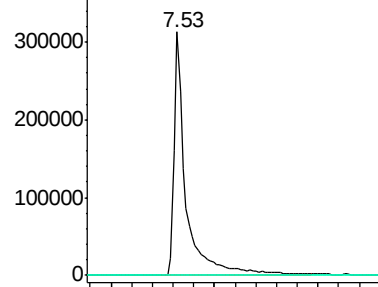
82 100

95 0.0 5.2 7.8#

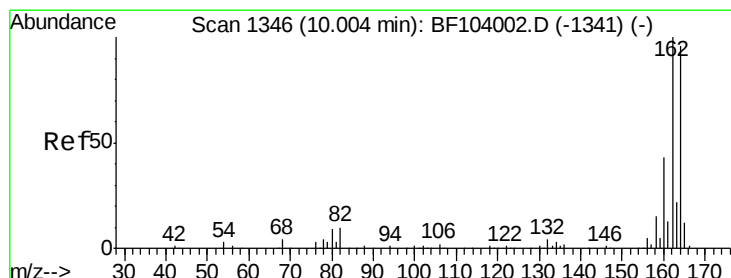
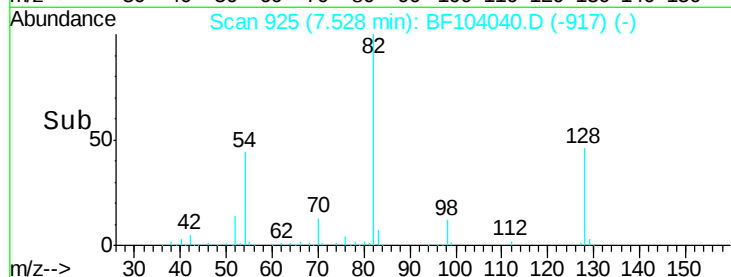
138 0.0 14.9 22.3#



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



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

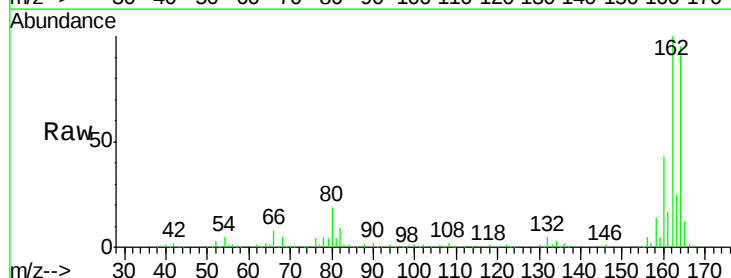
Tgt Ion: 164 Resp: 191825

Ion Ratio Lower Upper

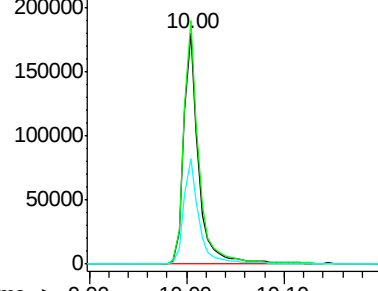
164 100

162 105.6 86.1 129.1

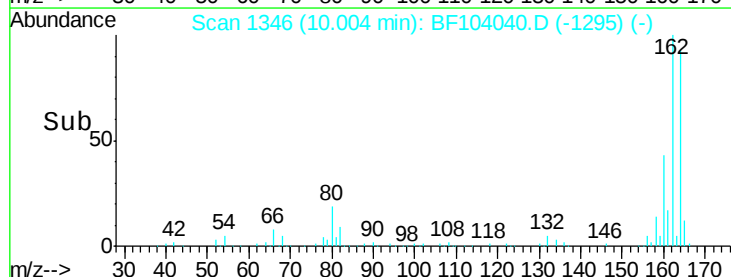
160 45.7 38.3 57.5

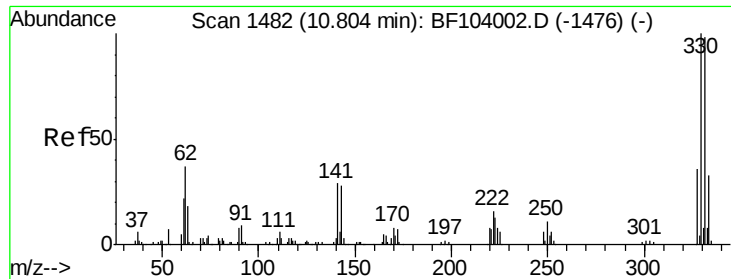


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

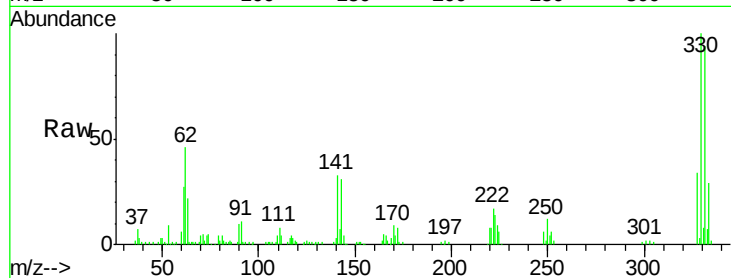




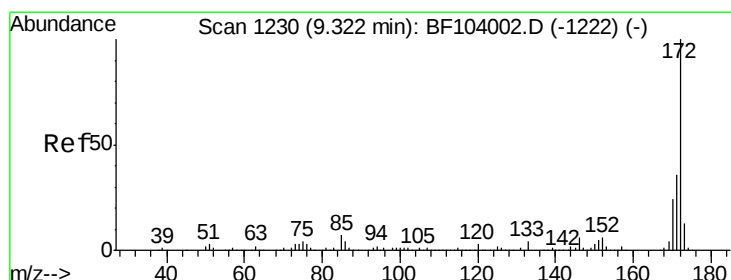
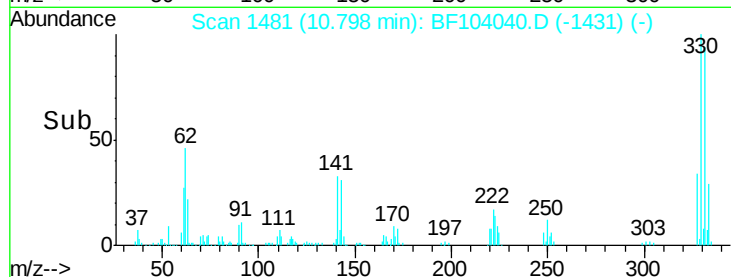
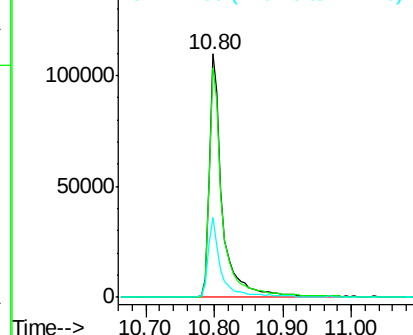
#41
 2,4,6-Tribromophenol
 Concen: 69.660 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104040.D
 Acq: 29 Mar 2018 9:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.3	29.9	44.9

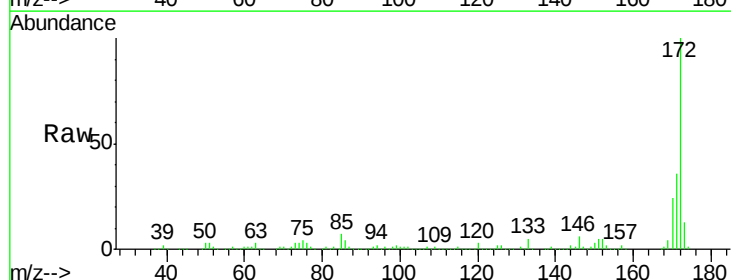


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

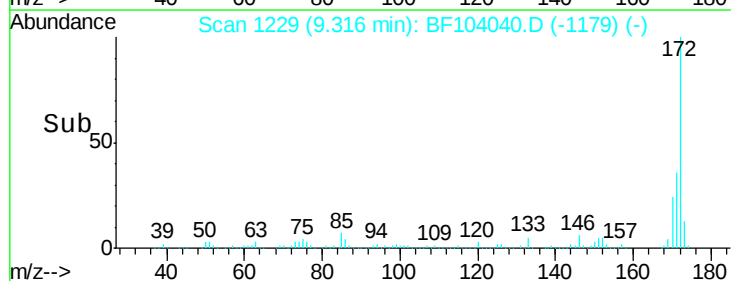
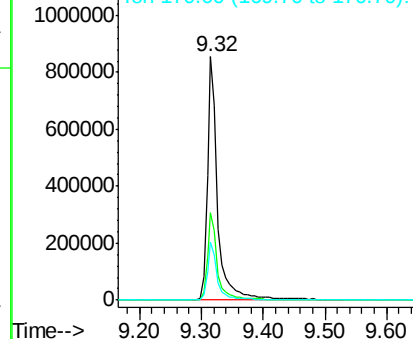


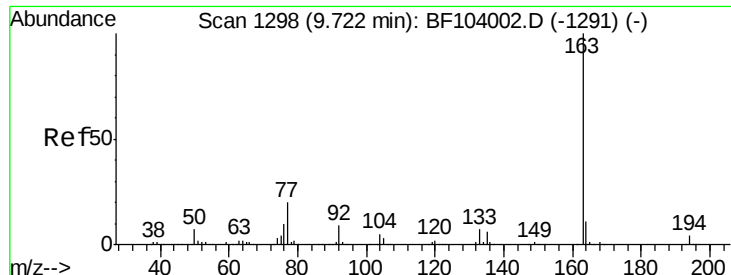
#44
 2-Fluorobiphenyl
 Concen: 83.350 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104040.D
 Acq: 29 Mar 2018 9:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

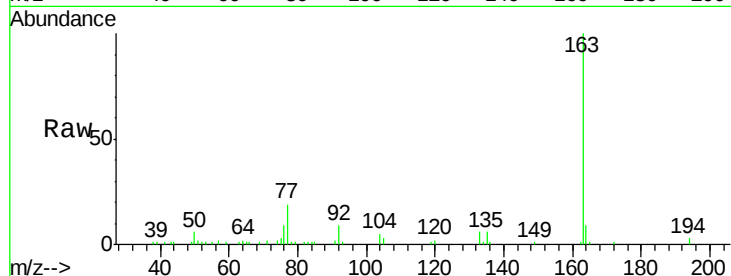




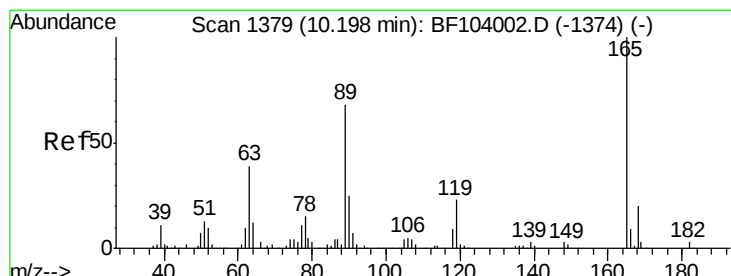
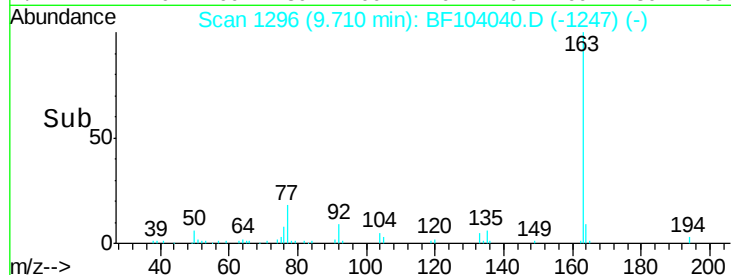
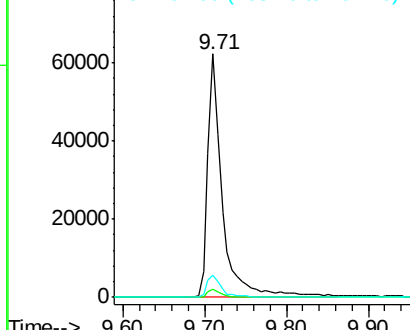
#49
Dimethylphthalate
Concen: 5.169 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 78282
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.2 8.2 12.2

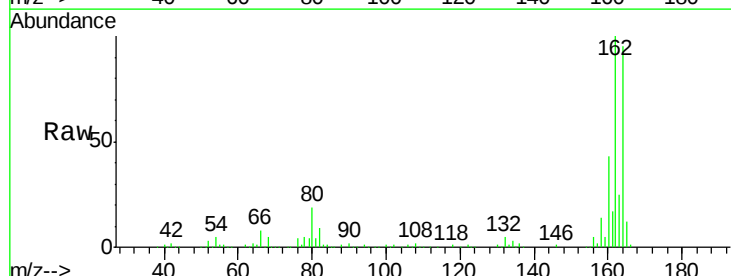


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

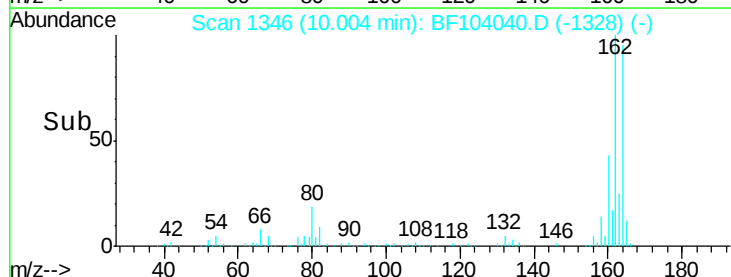
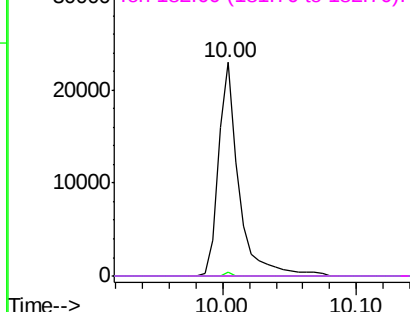


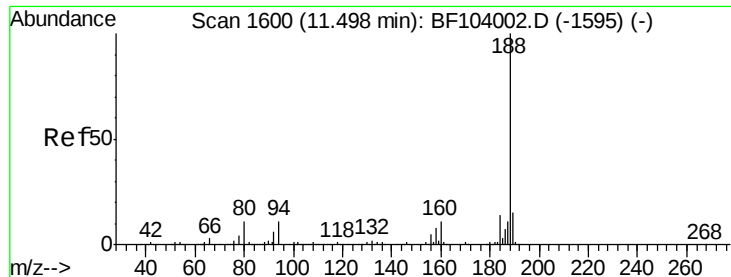
#56
2,4-Dinitrotoluene
Concen: 5.918 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Tgt Ion:165 Resp: 24606
Ion Ratio Lower Upper
165 100
63 1.7 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

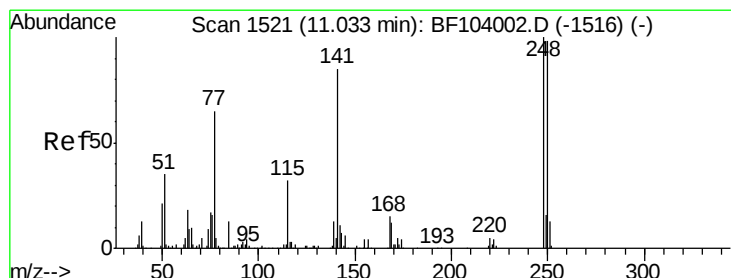
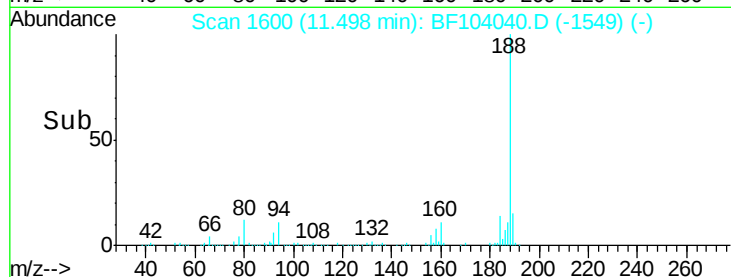
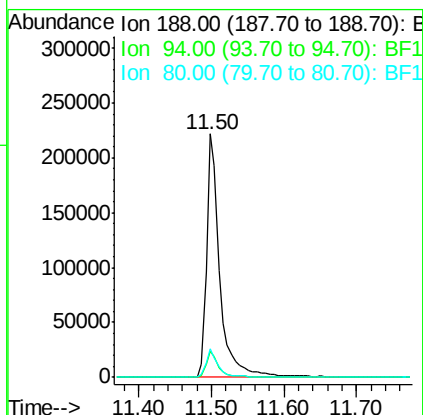
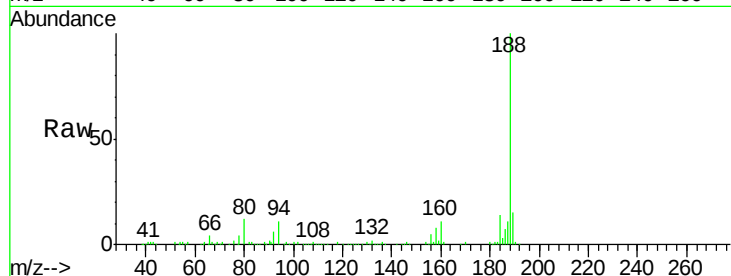




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

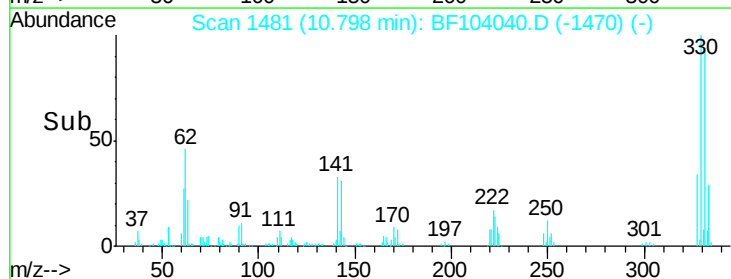
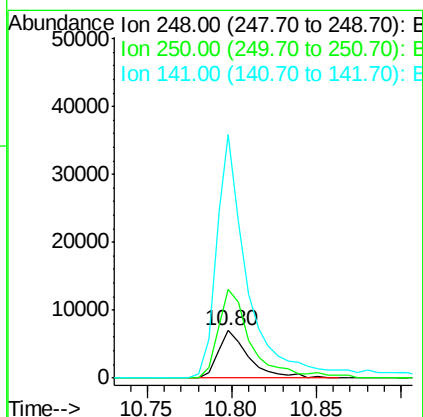
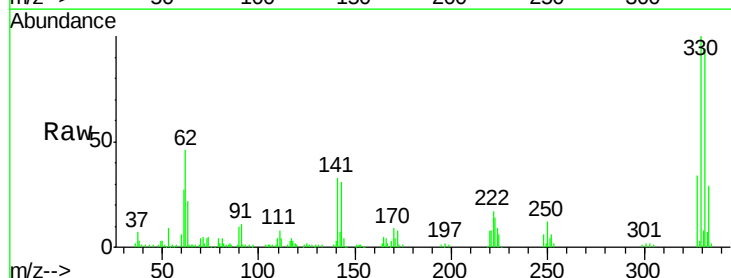
Instrument :
BNA_F
ClientSampleId :

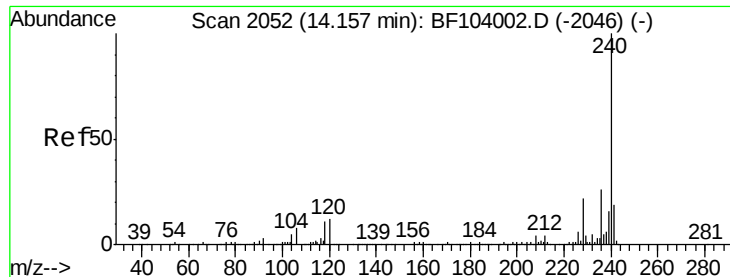
Tot Ion:188 Resp: 283078
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.891 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Tgt Ion:248 Resp: 8756
Ion Ratio Lower Upper
248 100
250 189.1 76.9 115.3#
141 516.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

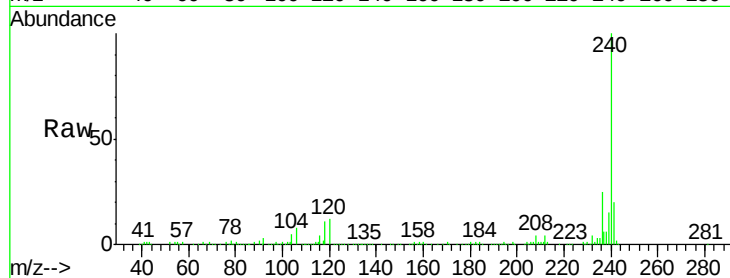
Tot Ion:240 Resp: 238958

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

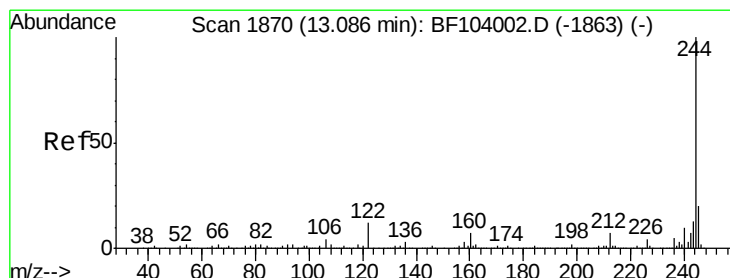
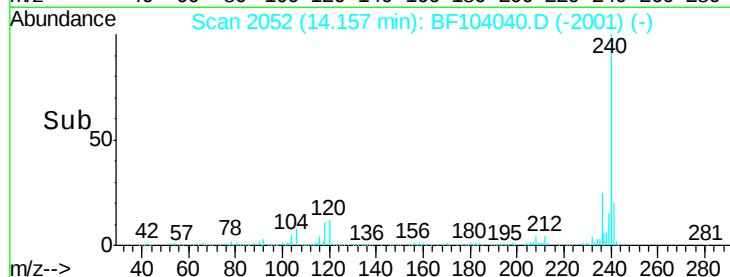
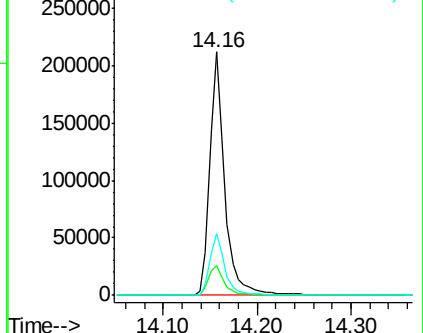
236 25.2 20.7 31.1



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: 72.568 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

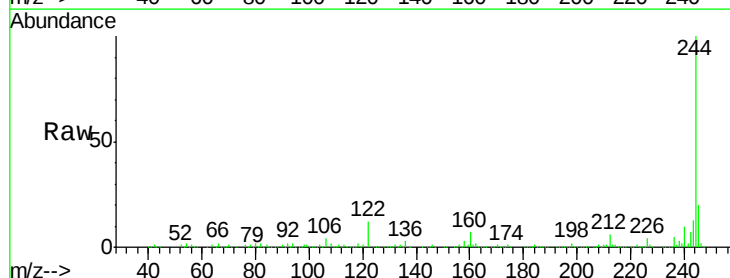
Tgt Ion:244 Resp: 751023

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

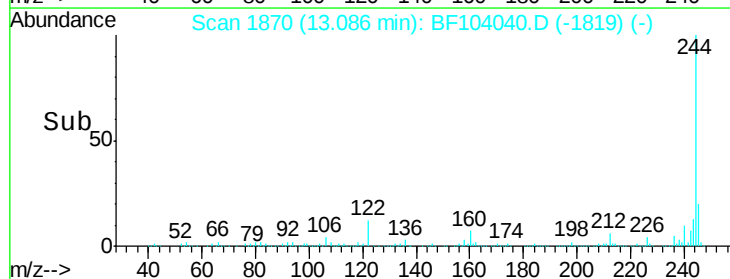
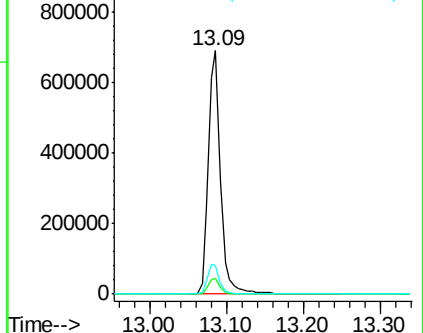
122 11.8 11.0 16.4

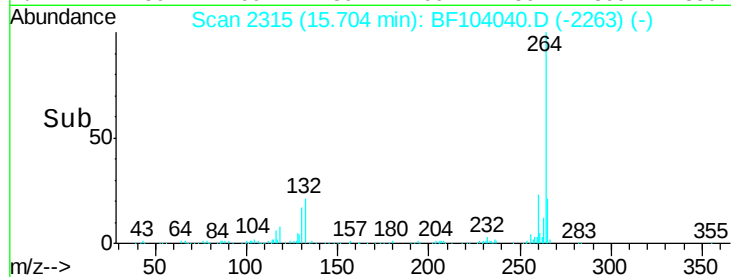
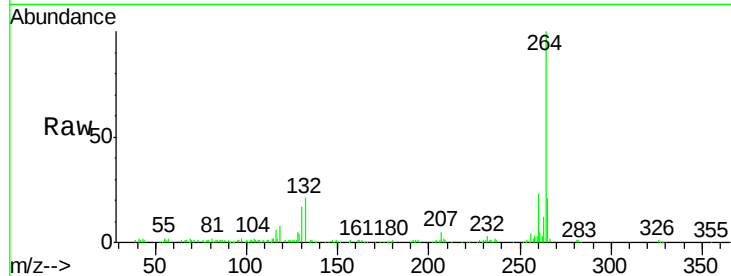
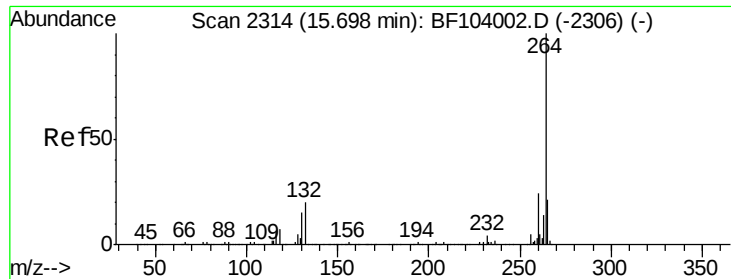


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2315

Delta R.T. 0.01 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 264 Resp: 163209

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.7 17.5 26.3

