

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104062.D
 Acq On : 29 Mar 2018 20:14
 Operator : JU/SJ
 Sample : PB107795BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:53:40 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

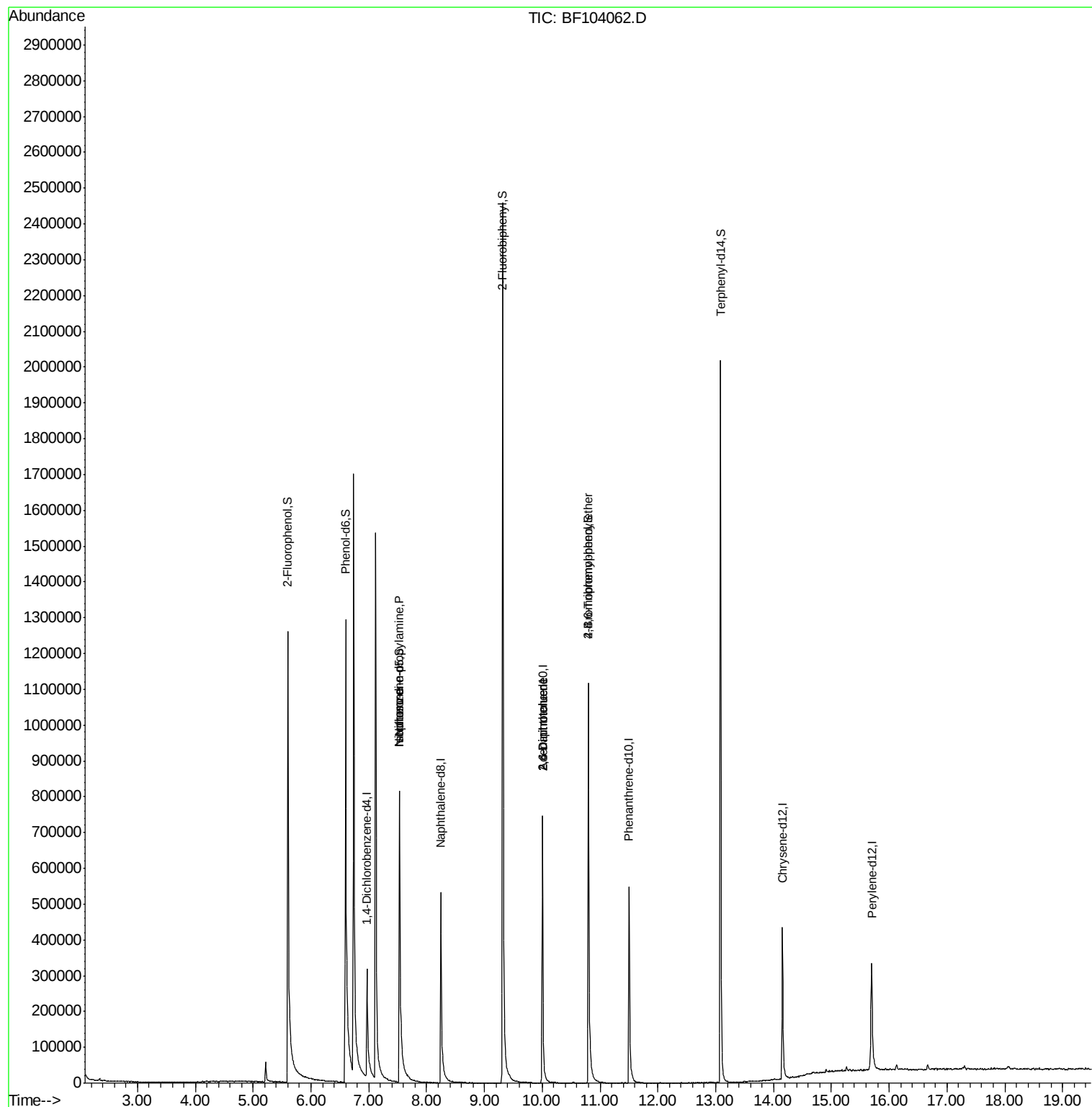
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	101745	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	430889	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	200132	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	339914	20.00	ng	0.00
75) Chrysene-d12	14.16	240	216661	20.00	ng	0.00
86) Perylene-d12	15.70	264	202525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	681156	106.76	ng	0.00
7) Phenol-d6	6.60	99	908197	115.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	534921	75.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	212998	95.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1080074	85.10	ng	0.00
78) Terphenyl-d14	13.09	244	850333	90.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	787	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	64760	13.902 ng	#	1
25) Isophorone	7.53	82	534921	41.196 ng	#	74
50) 2,6-Dinitrotoluene	10.00	165	24531	7.216 ng	#	64
56) 2,4-Dinitrotoluene	10.00	165	24862	5.731 ng	#	24
66) 4-Bromophenyl-phenylether	10.80	248	12923	3.554 ng	#	21
					#	1

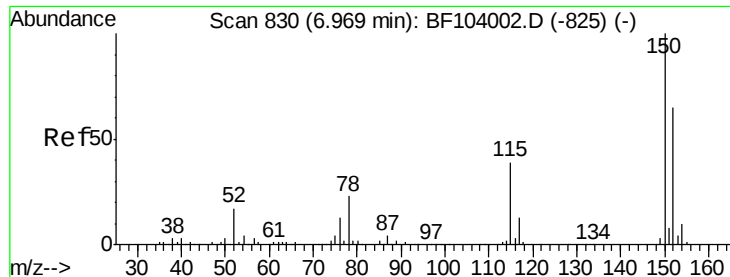
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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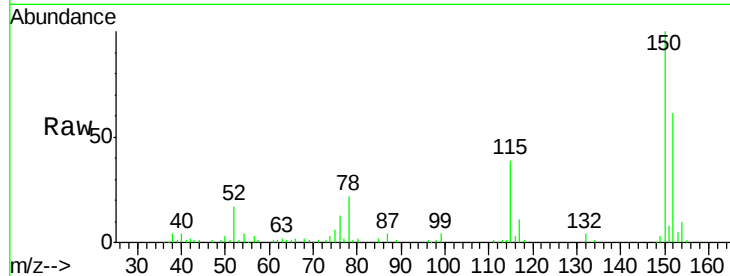


#1

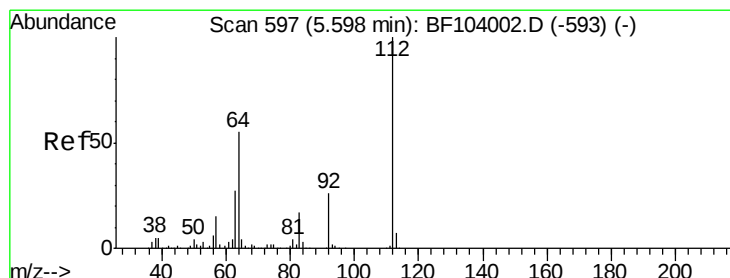
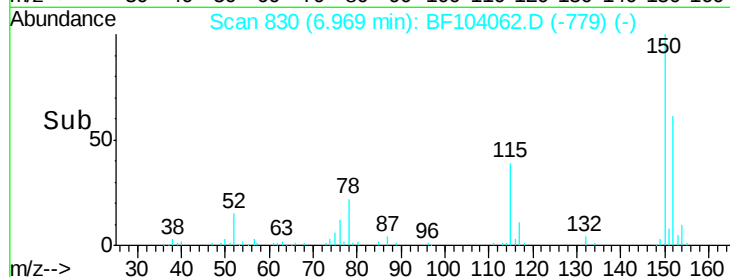
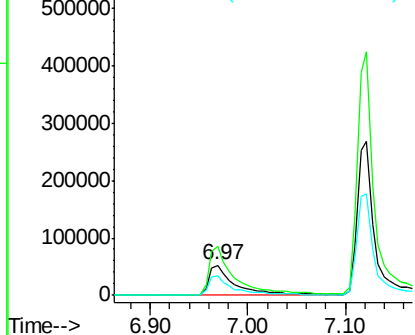
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104062.D
Acq: 29 Mar 2018 20:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101745
Ion Ratio Lower Upper
152 100
150 163.9 124.6 186.8
115 64.2 50.1 75.1



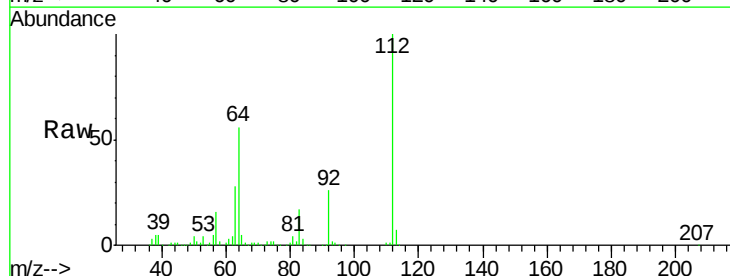
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



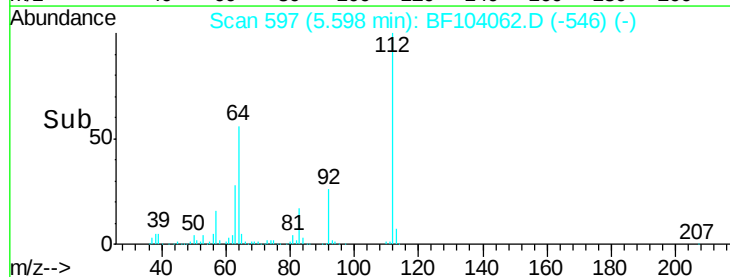
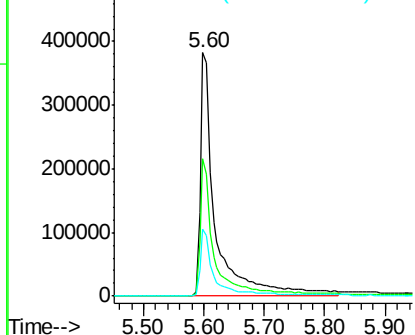
#5

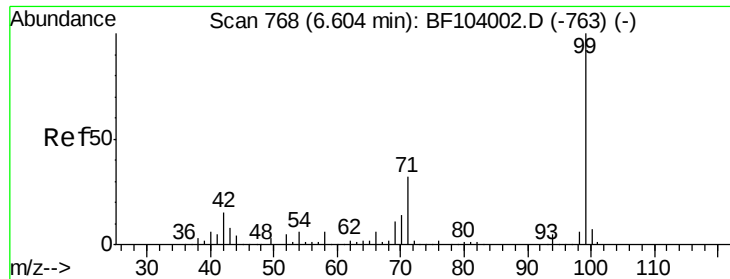
2-Fluorophenol
Concen: 106.764 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104062.D
Acq: 29 Mar 2018 20:14

Tgt Ion:112 Resp: 681156
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.7 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: 115.704 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

Instrument :

BNA_F

ClientSampleId :

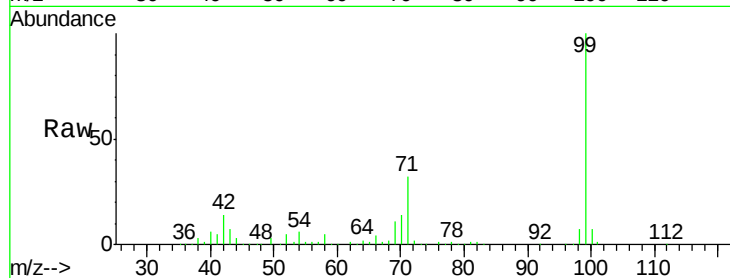
Tot Ion: 99 Resp: 908197

Ion Ratio Lower Upper

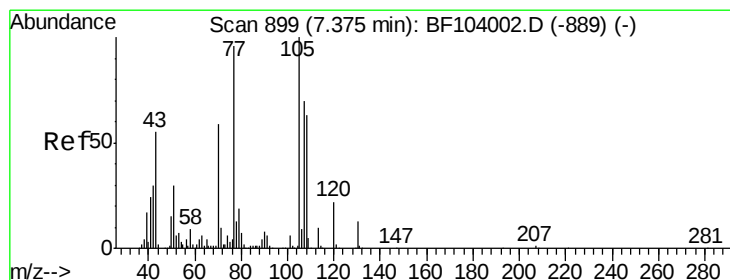
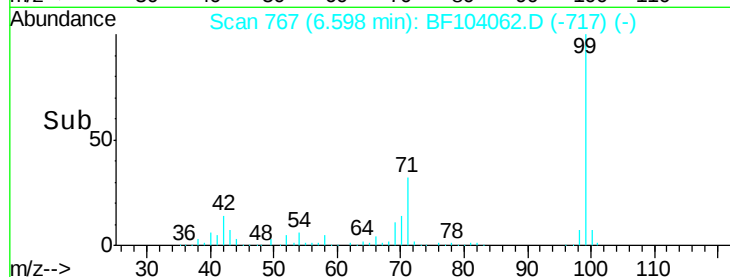
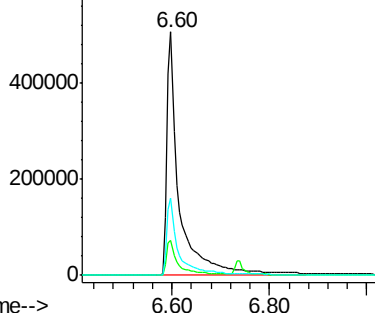
99 100

42 14.4 14.5 21.7#

71 31.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.902 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

Tgt Ion: 70 Resp: 64760

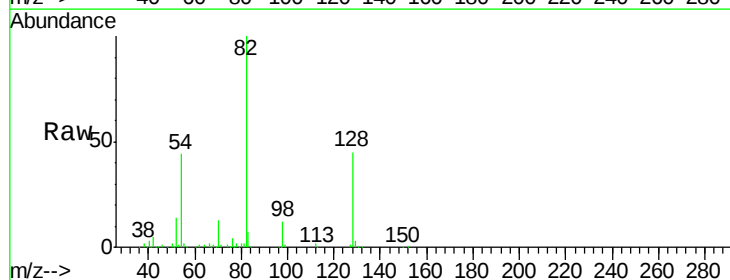
Ion Ratio Lower Upper

70 100

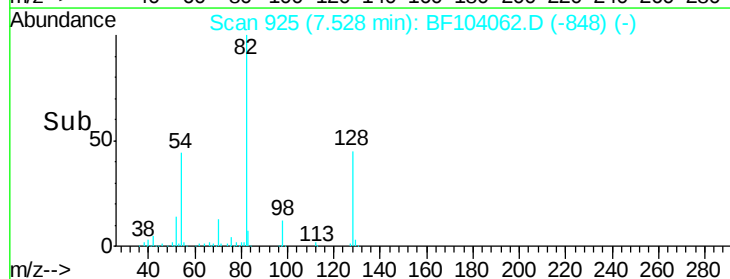
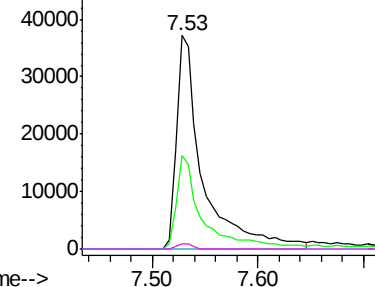
42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 430889

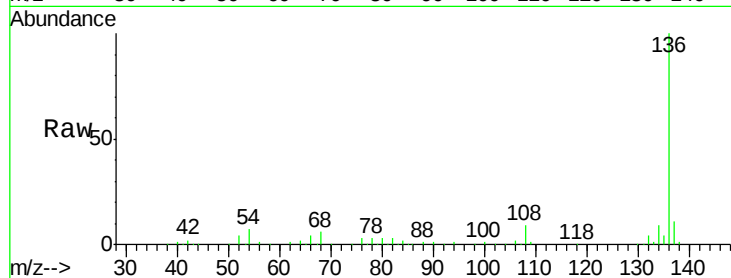
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

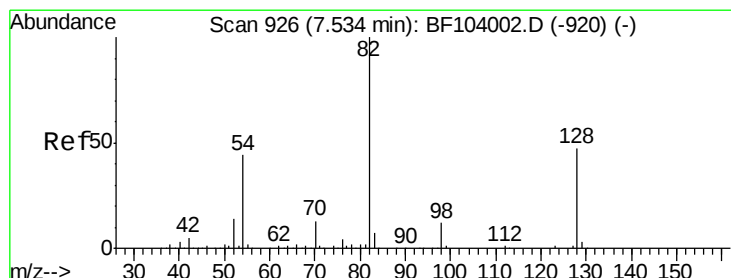
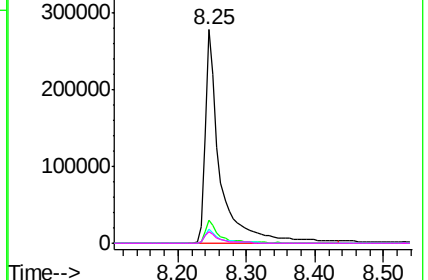
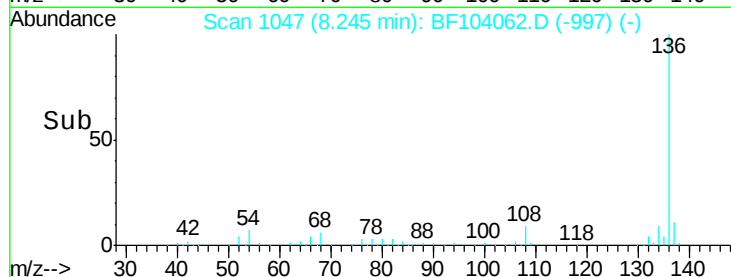


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.921 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

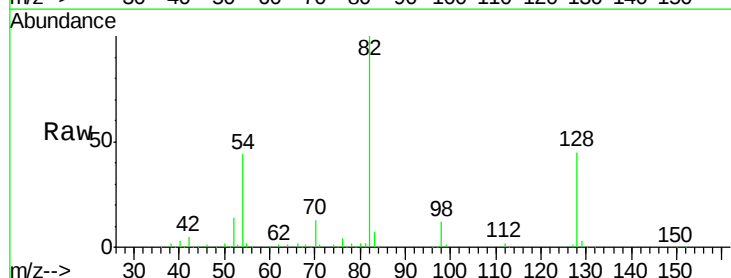
Tgt Ion: 82 Resp: 534921

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

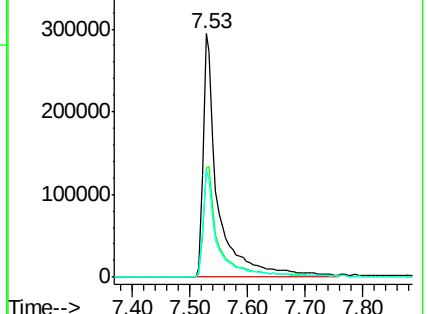
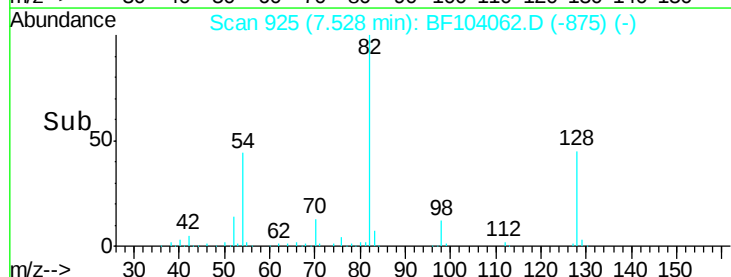
54 44.0 41.4 62.2

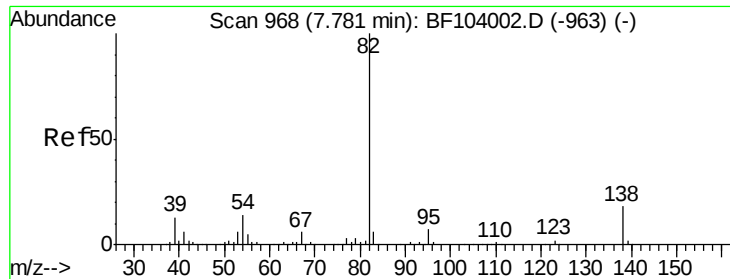


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.196 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

Instrument :

BNA_F

ClientSampleId :

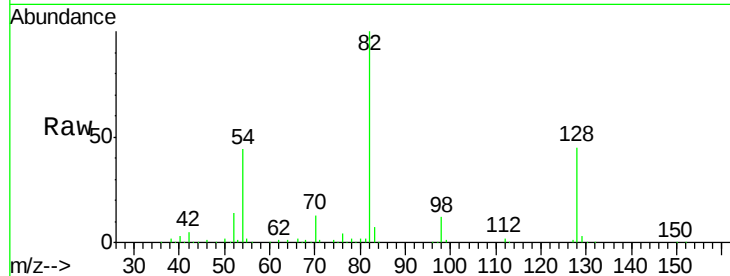
Tot Ion: 82 Resp: 534921

Ion Ratio Lower Upper

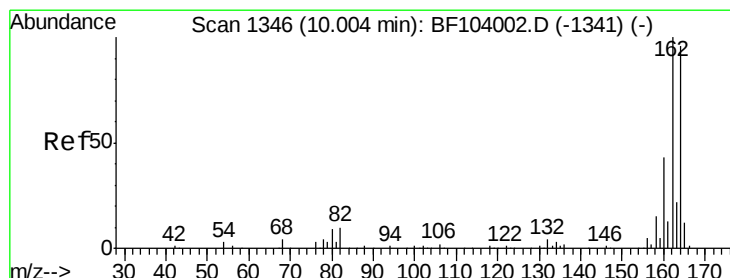
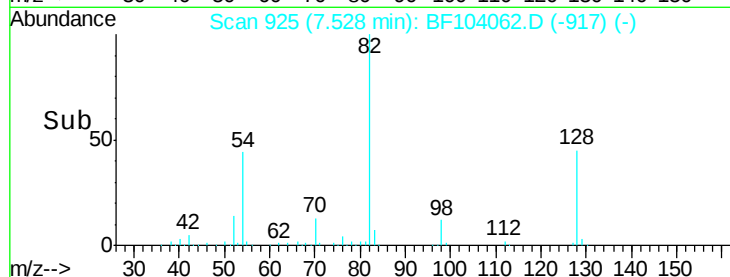
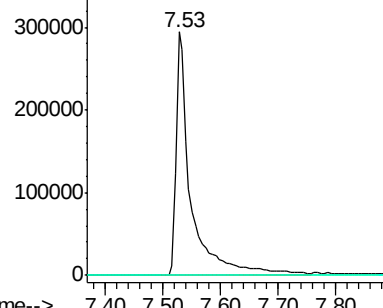
82 100

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: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

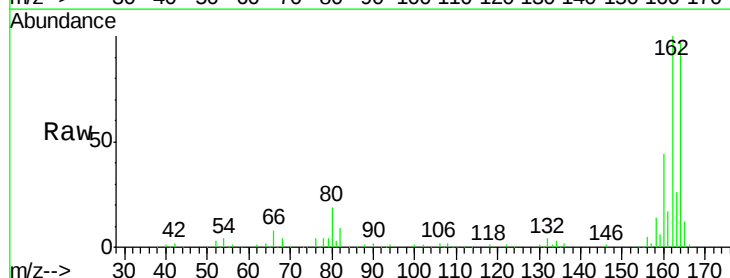
Tgt Ion:164 Resp: 200132

Ion Ratio Lower Upper

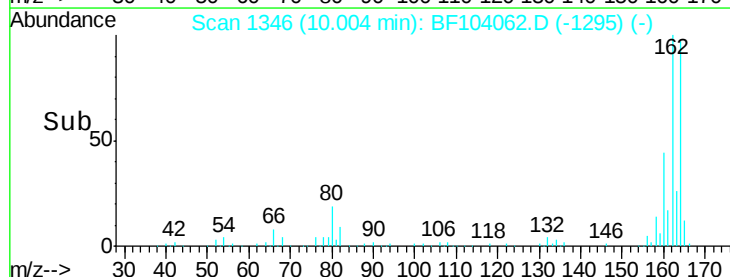
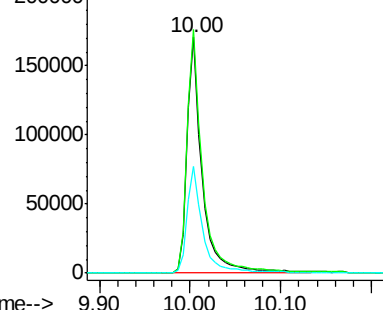
164 100

162 103.4 86.1 129.1

160 45.5 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

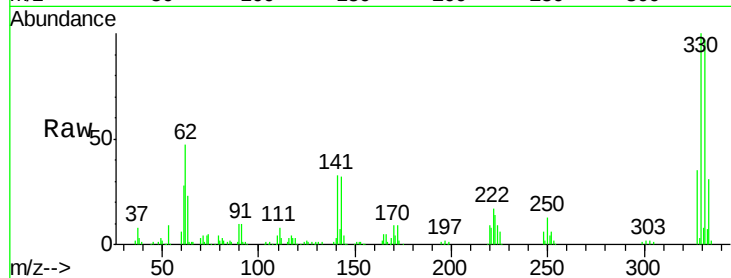




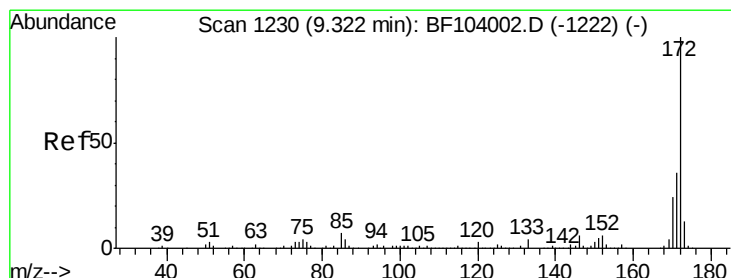
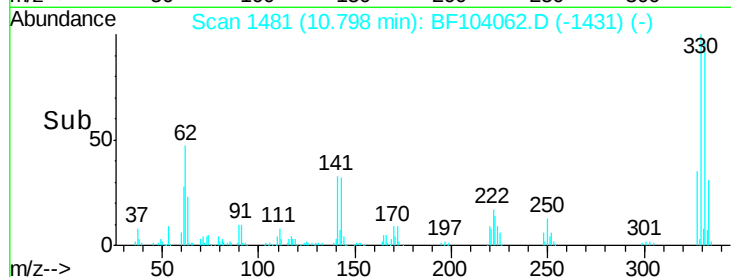
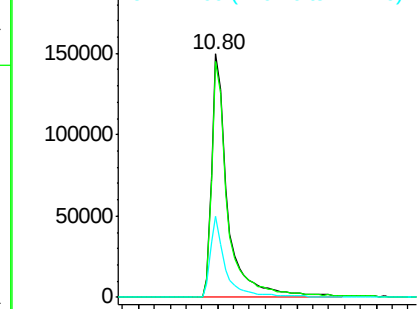
#41
 2,4,6-Tribromophenol
 Concen: 95.580 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	31.9	29.9	44.9

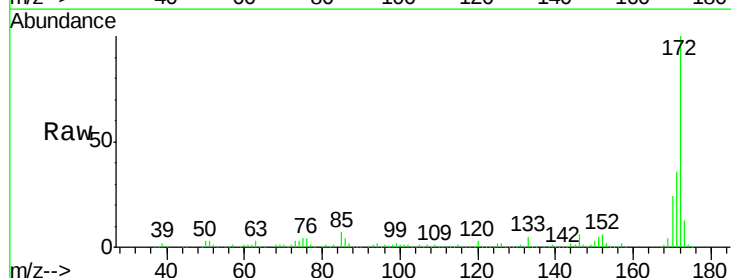


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

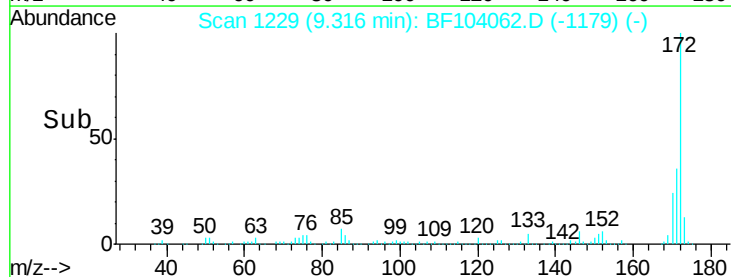
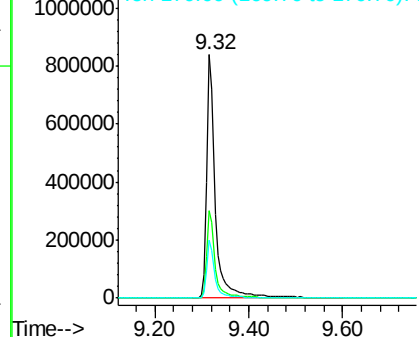


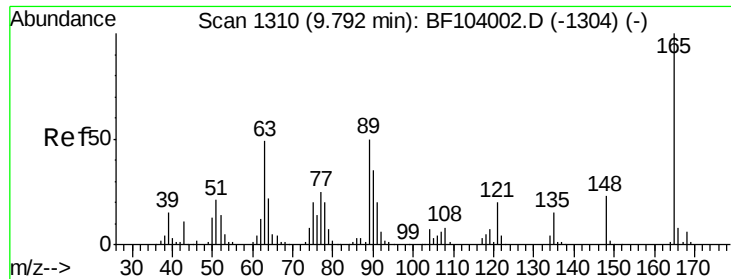
#44
 2-Fluorobiphenyl
 Concen: 85.103 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	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

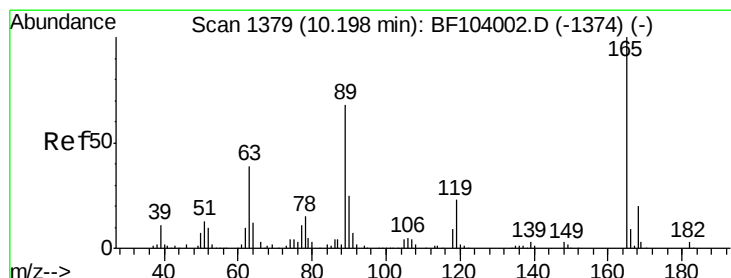
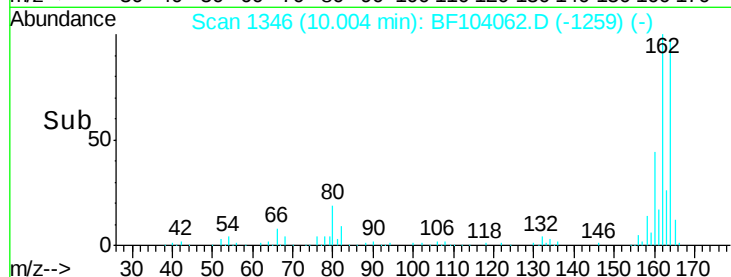
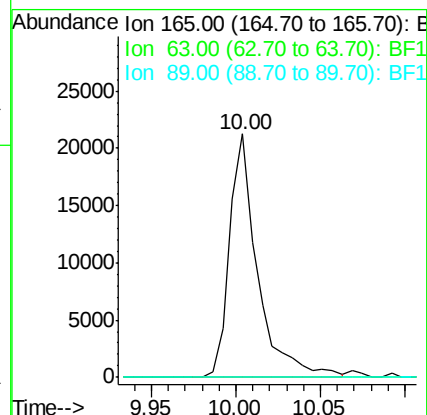
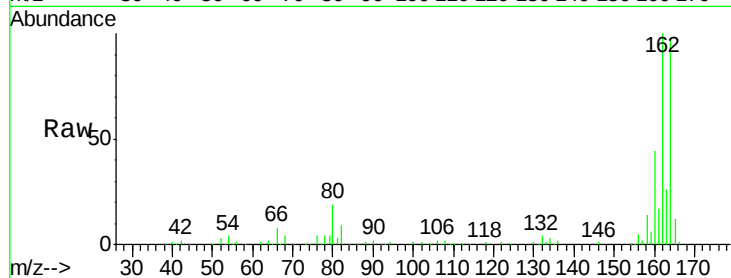




#50
 2,6-Dinitrotoluene
 Concen: 7.216 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

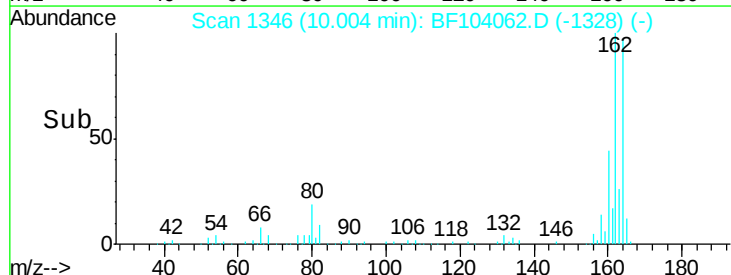
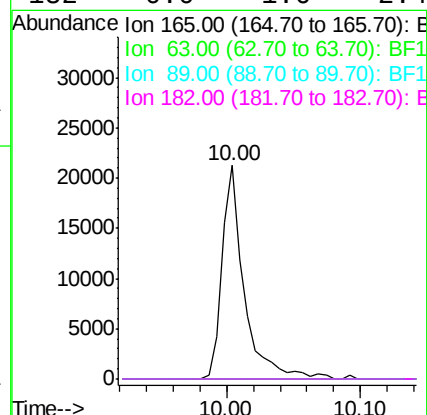
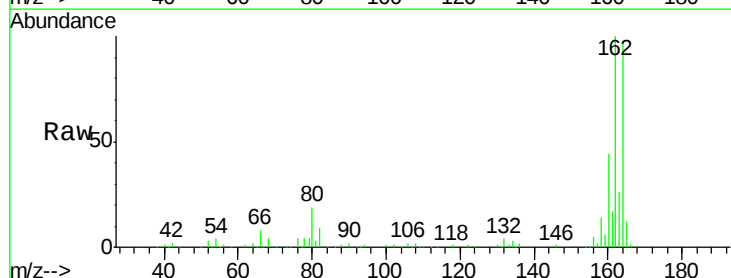
Instrument :
 BNA_F
 ClientSampled :

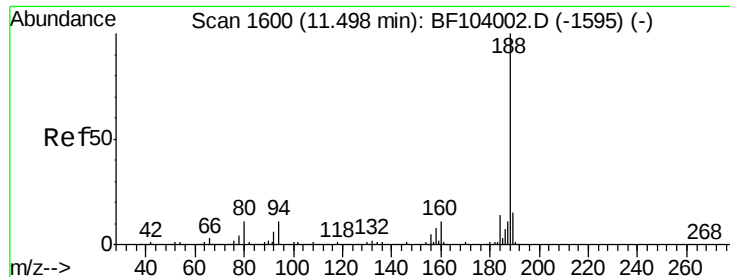
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.731 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.19 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

Tgt 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#

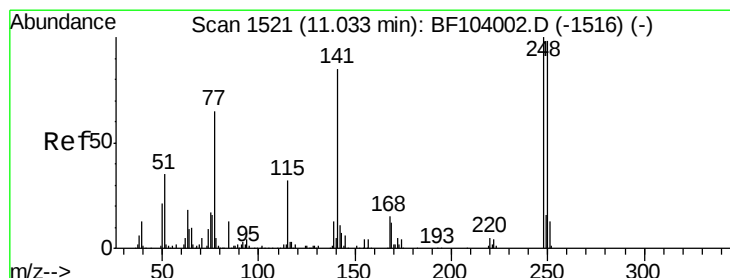
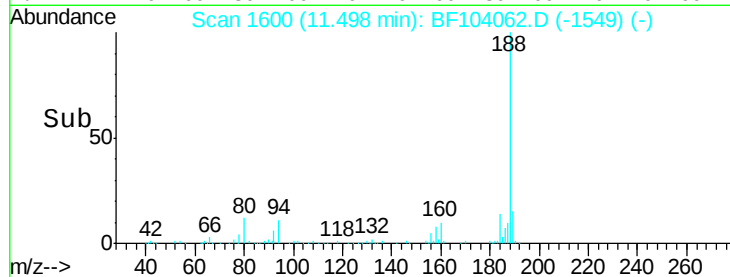
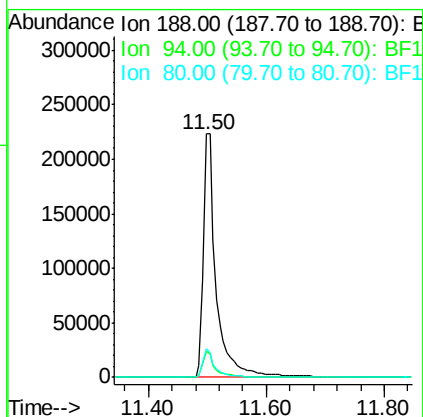
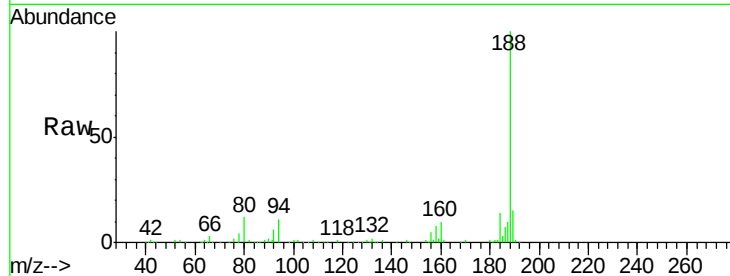




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104062.D
Acq: 29 Mar 2018 20:14

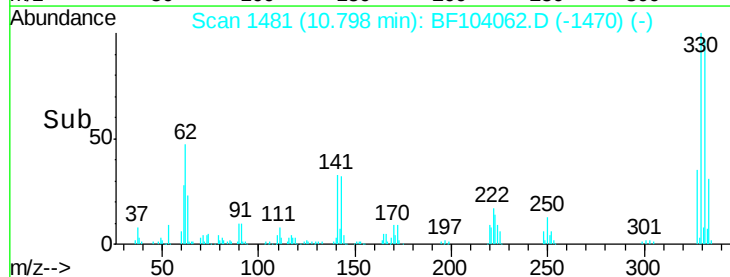
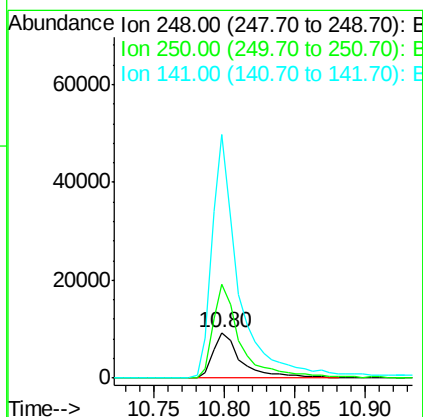
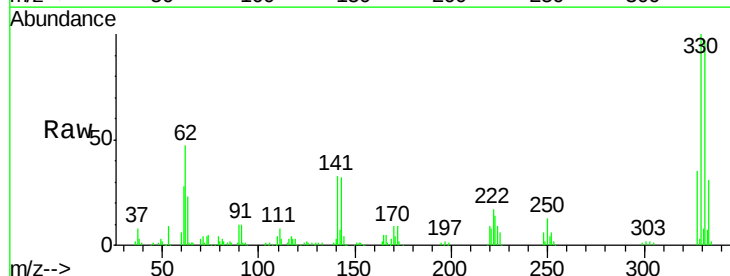
Instrument :
BNA_F
ClientSampleId :

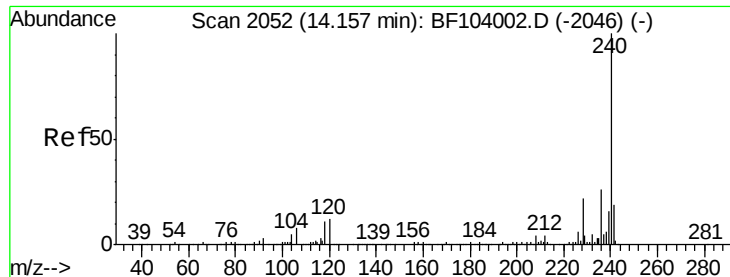
Tot Ion:188 Resp: 339914
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.554 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104062.D
Acq: 29 Mar 2018 20:14

Tgt Ion:248 Resp: 12923
Ion Ratio Lower Upper
248 100
250 206.3 76.9 115.3#
141 531.7 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: BF104062.D

Acq: 29 Mar 2018 20:14

Instrument :

BNA_F

ClientSampleId :

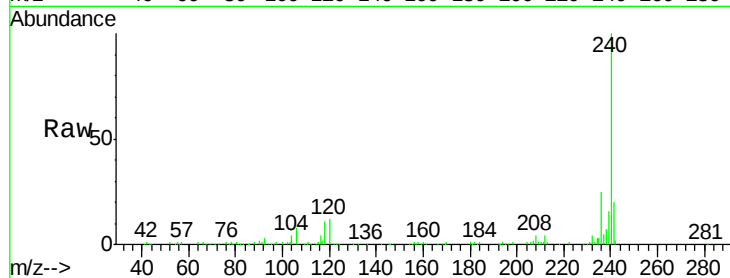
Tot Ion:240 Resp: 216661

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

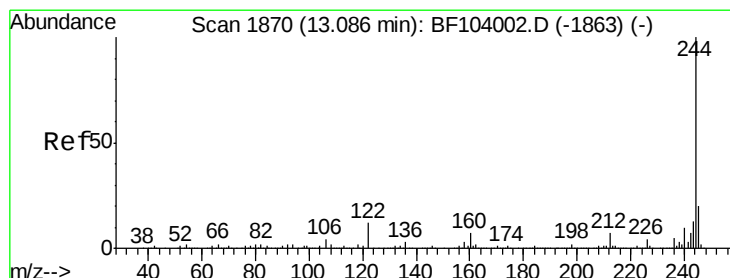
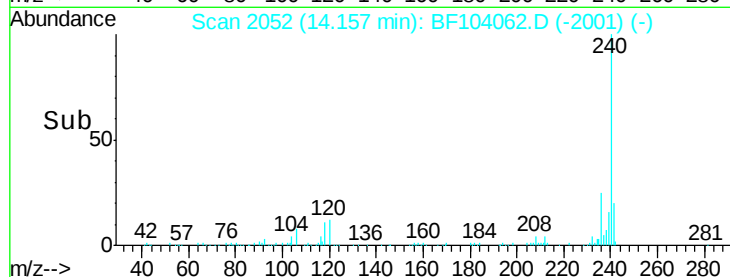
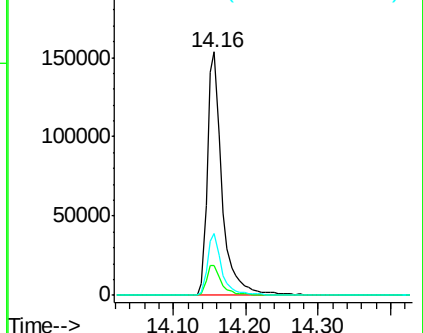
236 25.3 20.7 31.1



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: 90.620 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

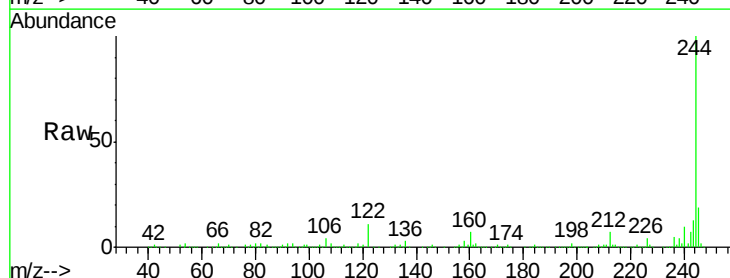
Tgt Ion:244 Resp: 850333

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

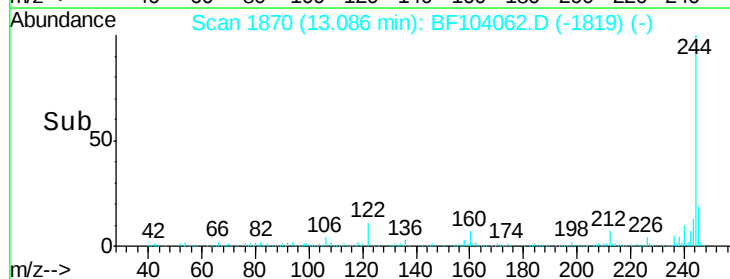
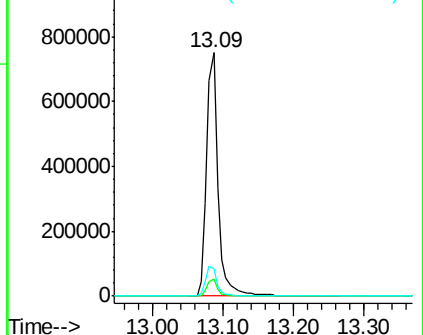
122 11.5 11.0 16.4

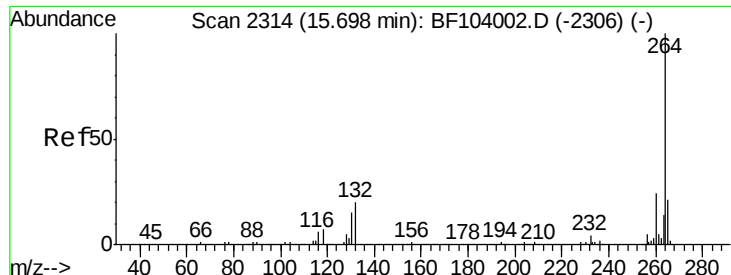


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

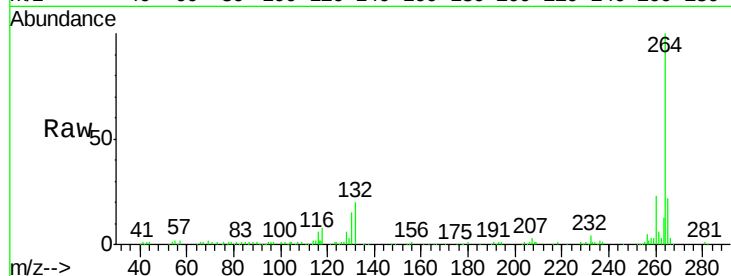




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	202525
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	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

