

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104237.D
 Acq On : 4 Apr 2018 20:34
 Operator : JU/SJ
 Sample : J2166-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:01:19 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

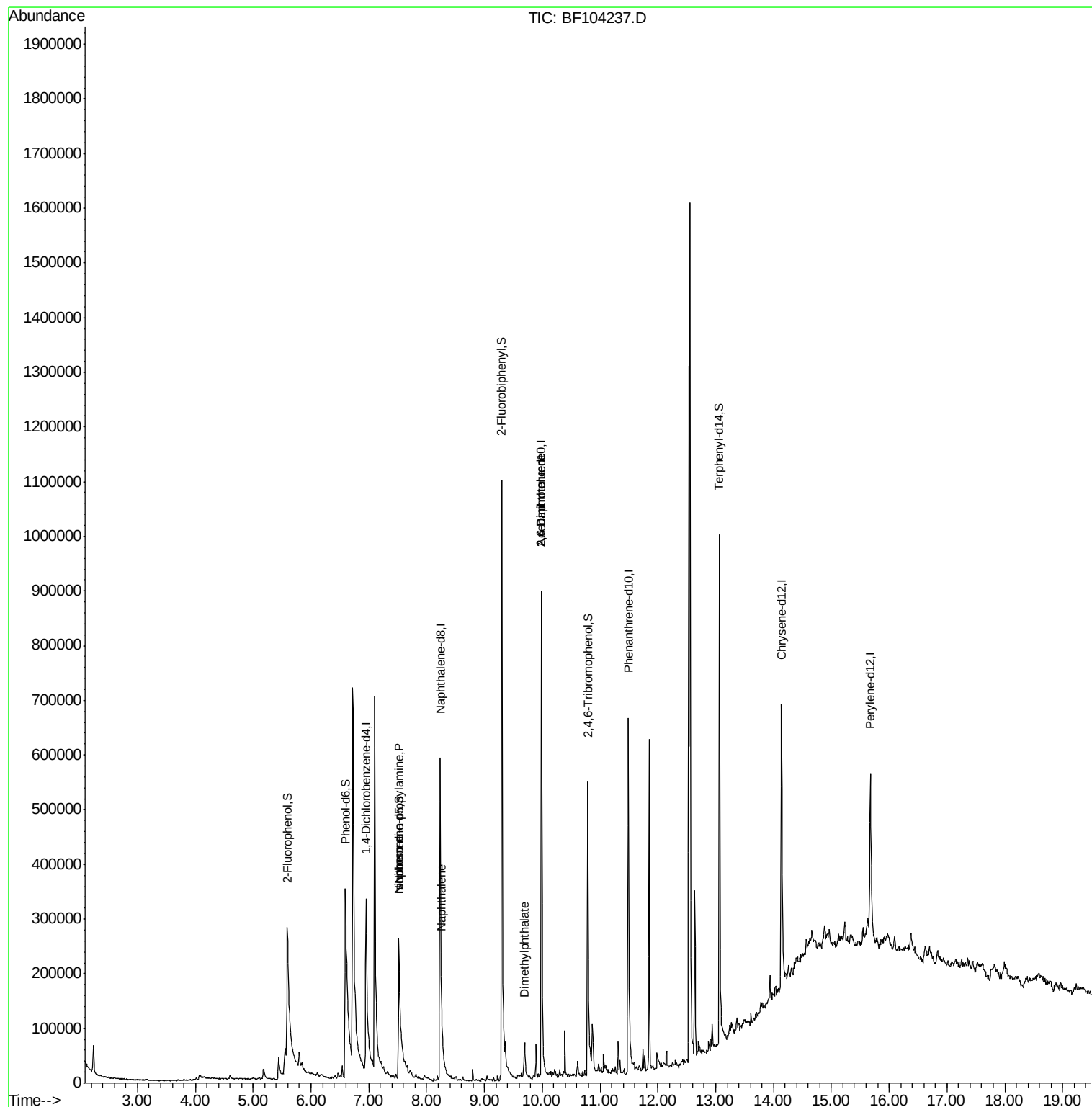
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	112513	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	500929	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	222289	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	356875	20.00	ng	0.00
75) Chrysene-d12	14.14	240	245024	20.00	ng	0.00
86) Perylene-d12	15.67	264	216250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	315517	44.72	ng	0.00
7) Phenol-d6	6.59	99	488830	56.32	ng	-0.01
23) Nitrobenzene-d5	7.52	82	272569	33.28	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	114449	46.24	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	557527	39.55	ng	0.00
78) Terphenyl-d14	13.06	244	401114	37.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	32272	6.265	ng	# 73
25) Isophorone	7.52	82	272569	18.056	ng	# 64
31) Naphthalene	8.26	128	64457	2.634	ng	98
49) Dimethylphthalate	9.70	163	42410	2.416	ng	98
50) 2,6-Dinitrotoluene	9.99	165	27496	7.282	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	28121	5.837	ng	# 23

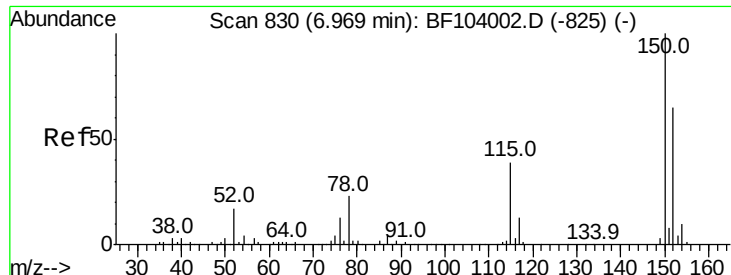
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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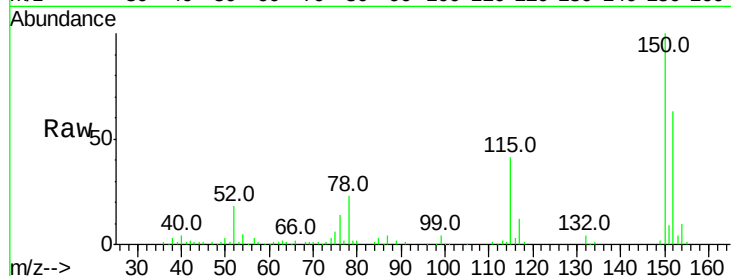


#1

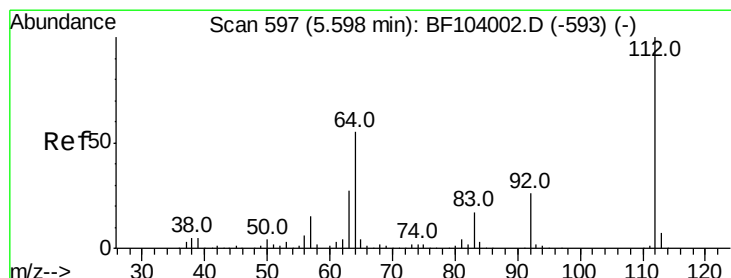
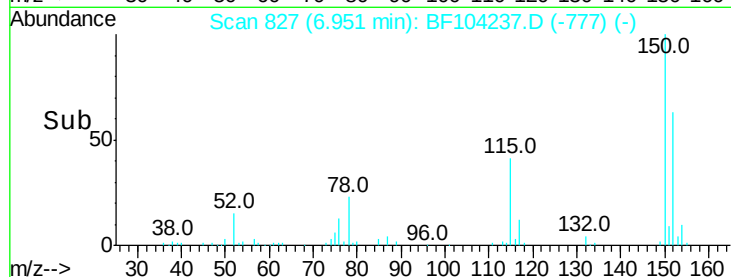
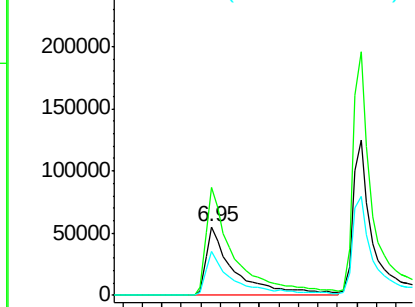
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112513
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 64.7 50.1 75.1



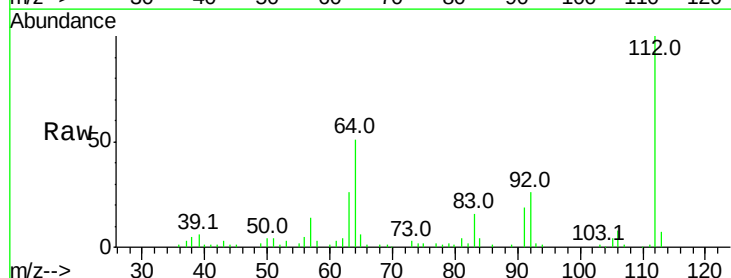
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



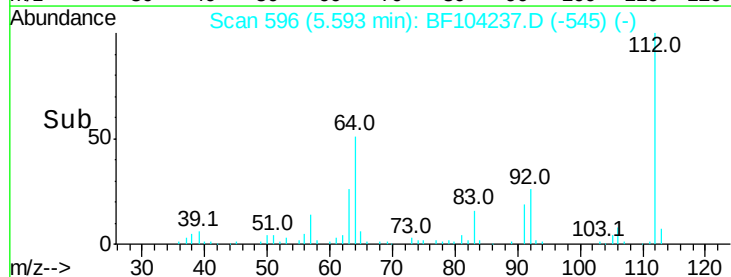
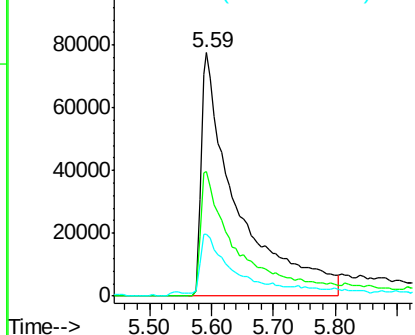
#5

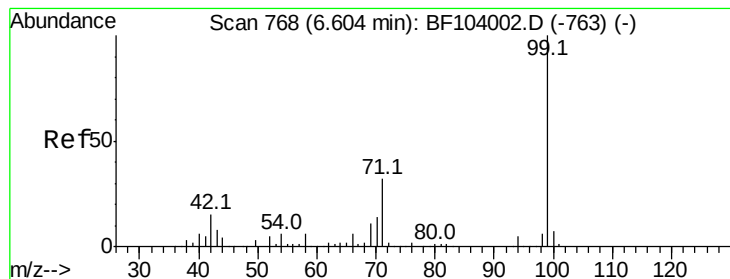
2-Fluorophenol
Concen: 44.721 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Tgt Ion:112 Resp: 315517
Ion Ratio Lower Upper
112 100
64 51.4 47.9 71.9
63 25.6 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: 56.316 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

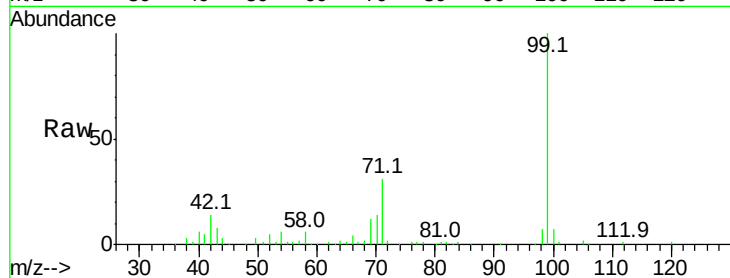
Tot Ion: 99 Resp: 488830

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

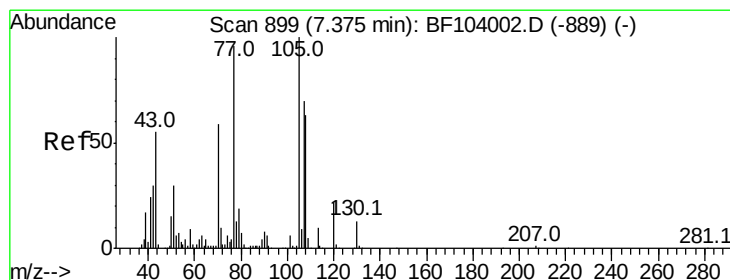
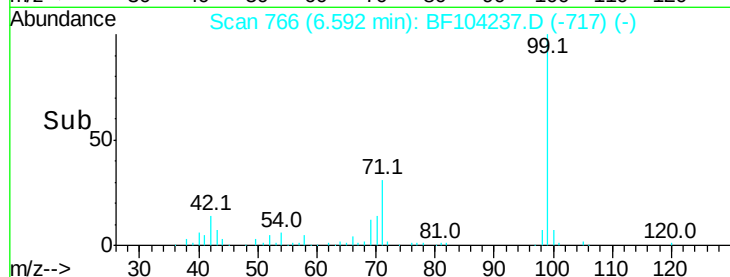
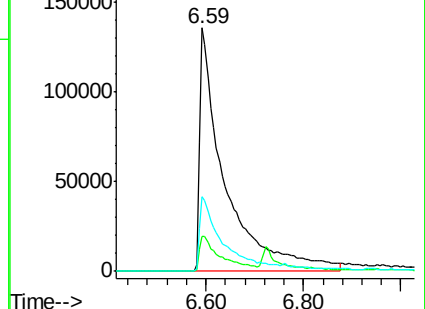
71 30.9 25.4 38.0



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: 6.265 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Tgt Ion: 70 Resp: 32272

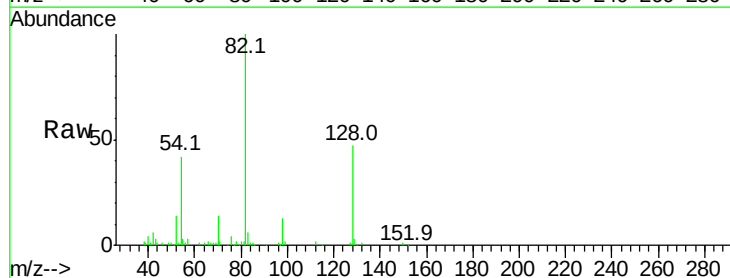
Ion Ratio Lower Upper

70 100

42 41.6 47.5 71.3#

101 0.0 7.4 11.2#

130 3.5 16.6 25.0#

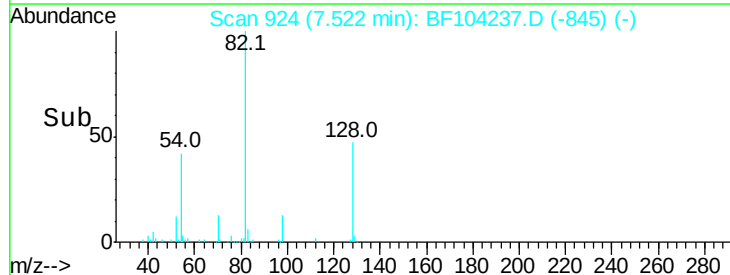
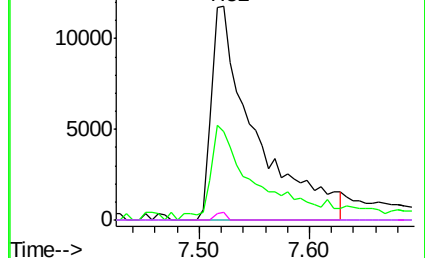


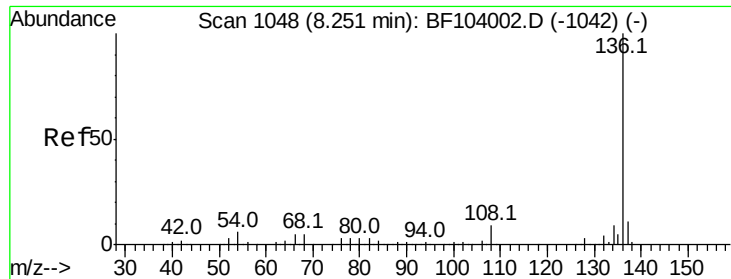
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 500929

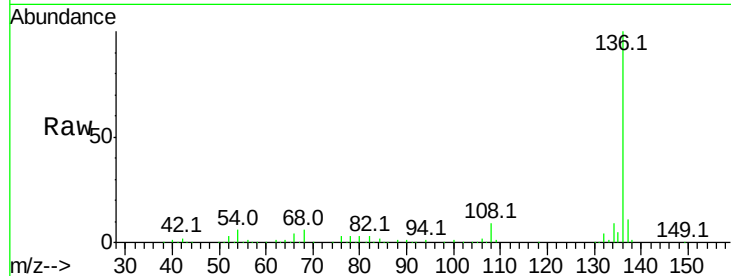
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.2 6.6 9.8#

68 5.8 5.0 7.4

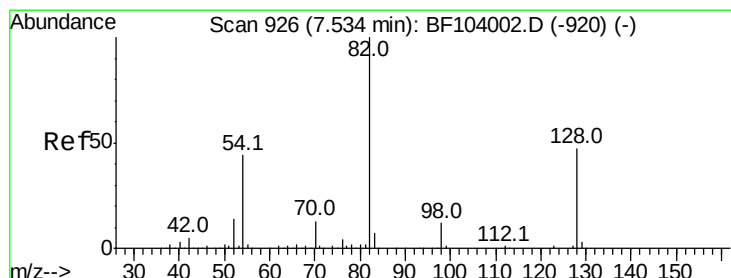
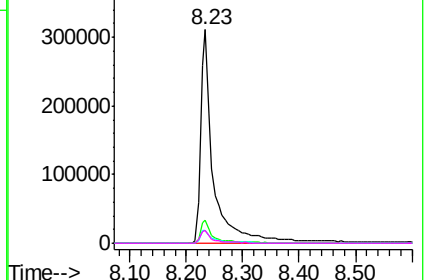
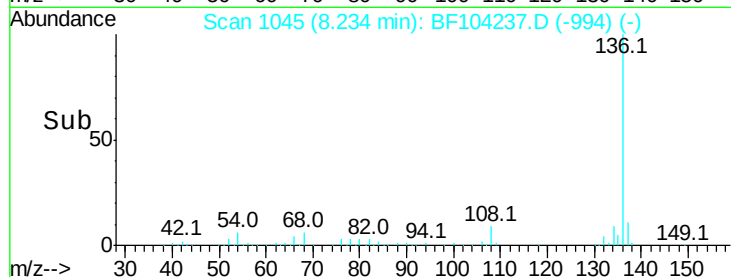


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.276 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

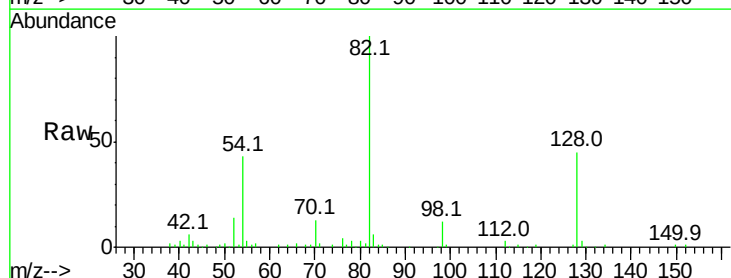
Tgt Ion: 82 Resp: 272569

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

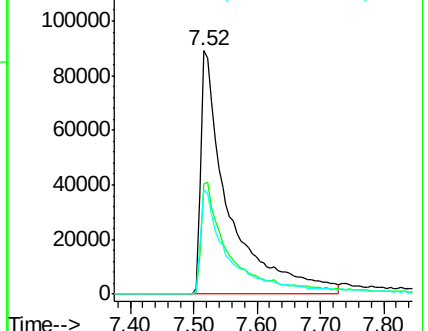
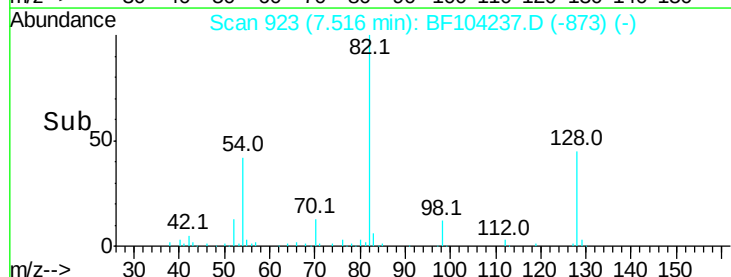
54 42.6 41.4 62.2

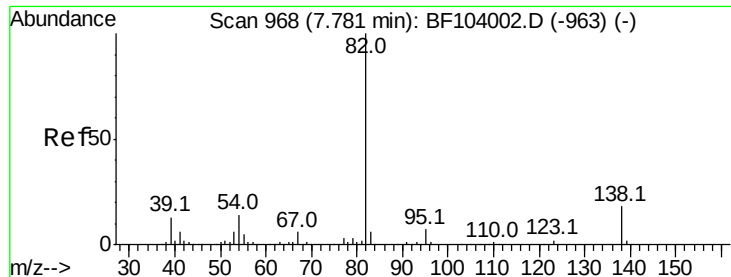


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 18.056 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.25 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Instrument :

BNA_F

ClientSampled :

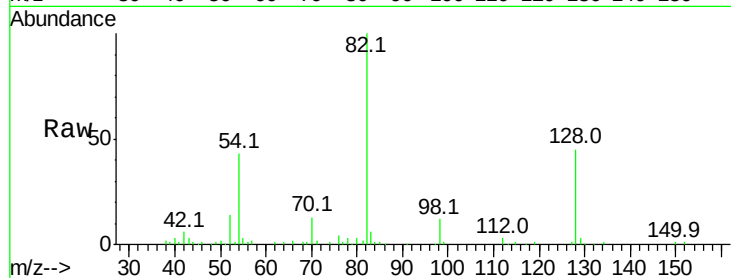
Tot Ion: 82 Resp: 272569

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

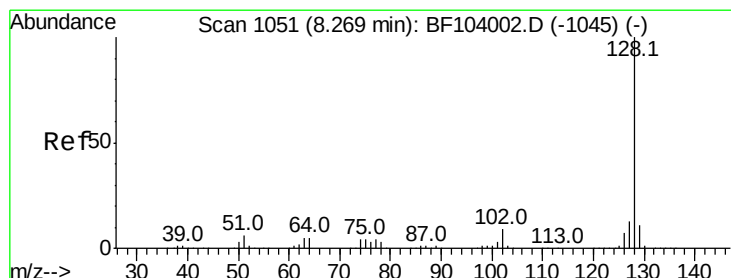
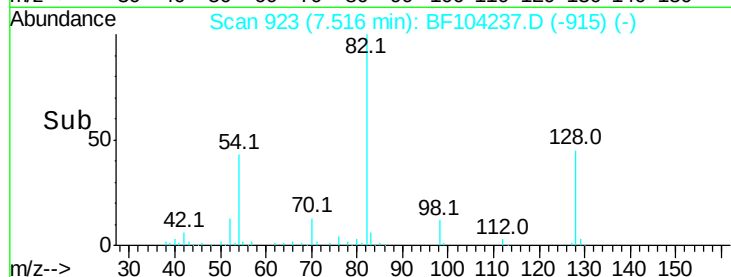
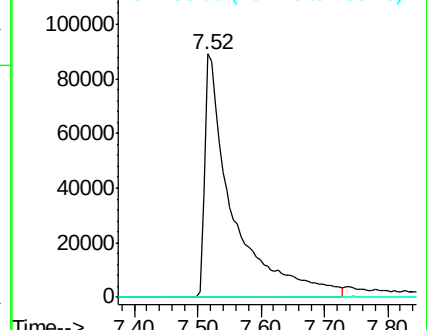
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 2.634 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

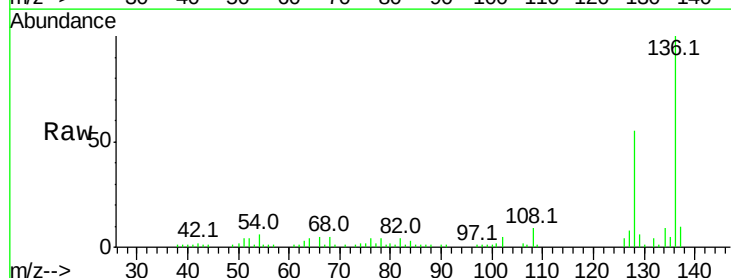
Tgt Ion: 128 Resp: 64457

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

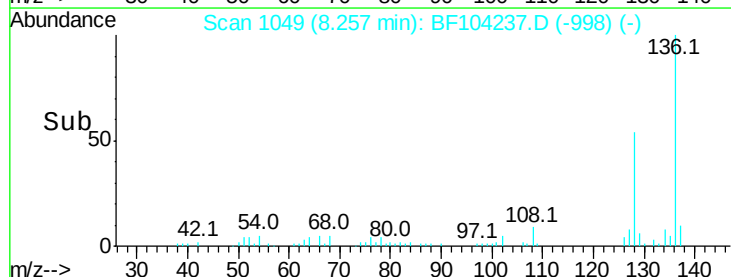
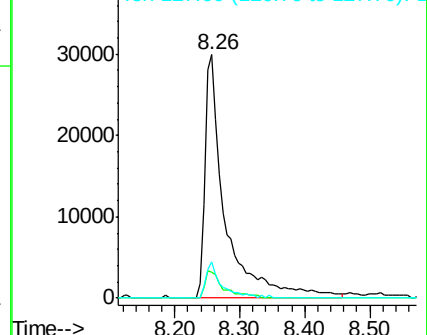
127 14.9 10.9 16.3

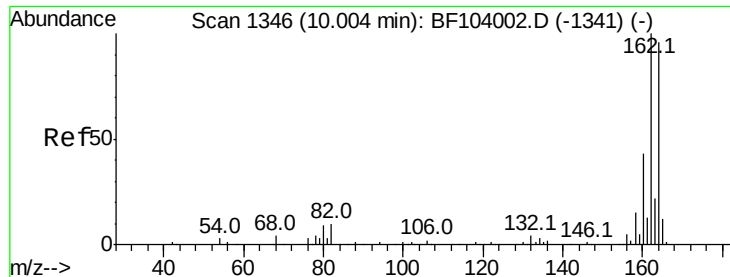


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

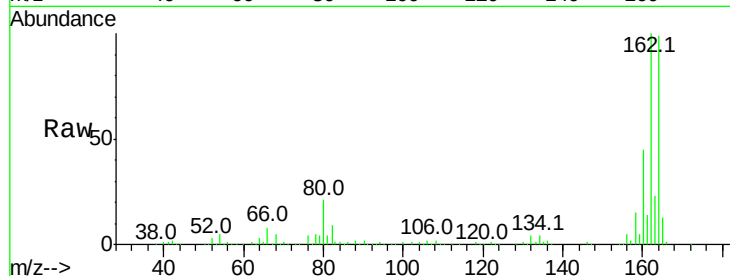




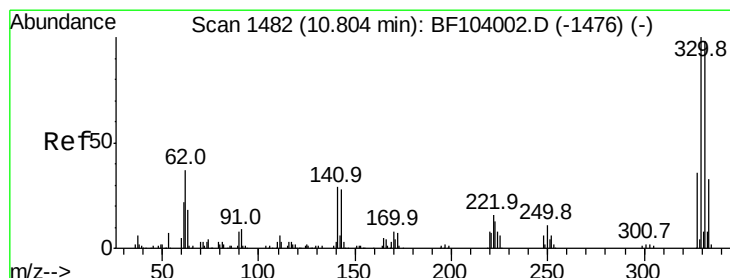
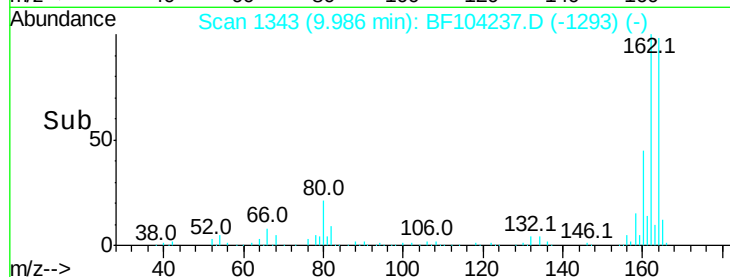
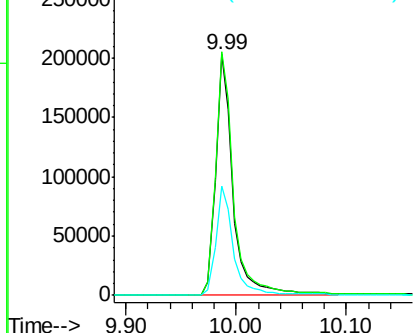
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104237.D
 Acq: 4 Apr 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 222289
 Ion Ratio Lower Upper
 164 100
 162 101.1 86.1 129.1
 160 45.6 38.3 57.5

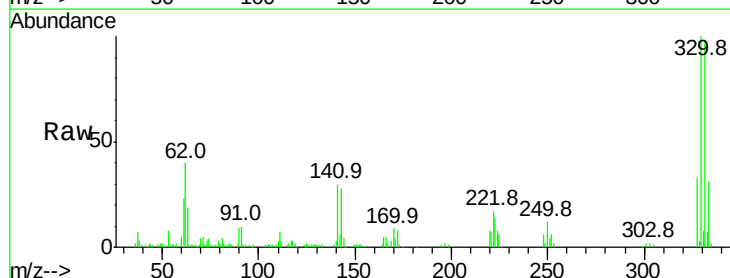


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

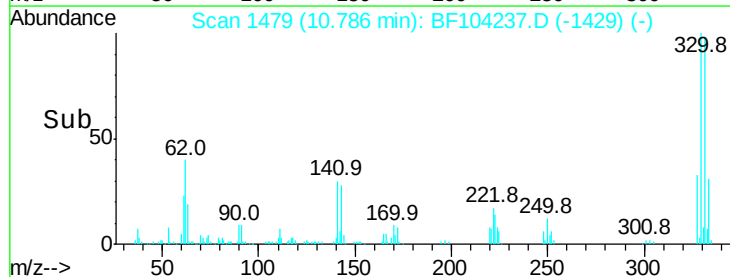
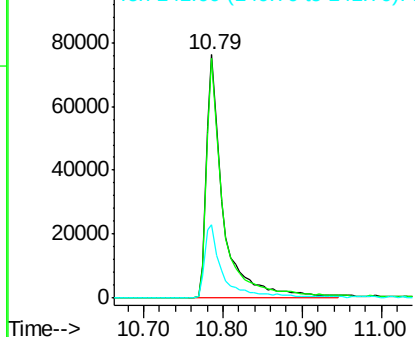


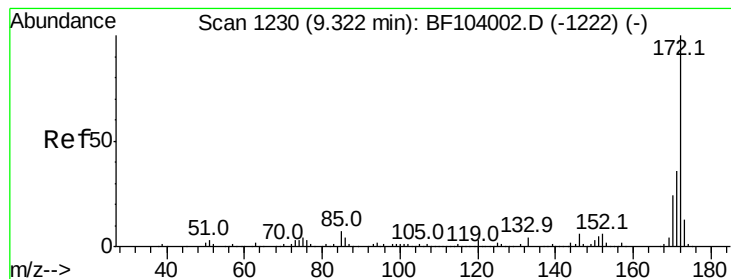
#41
 2,4,6-Tribromophenol
 Concen: 46.238 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104237.D
 Acq: 4 Apr 2018 20:34

Tgt Ion:330 Resp: 114449
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 30.8 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: 39.551 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

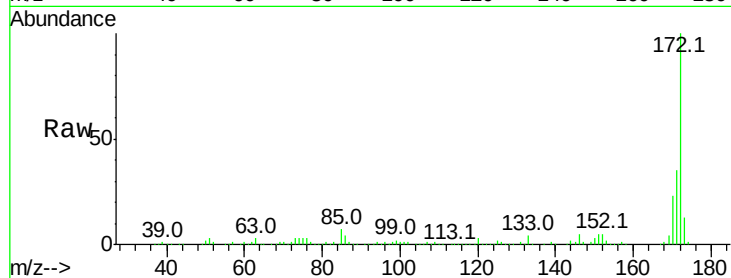
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 557527

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.0	19.6	29.4

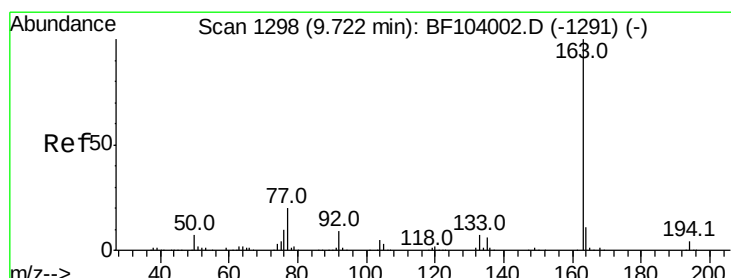
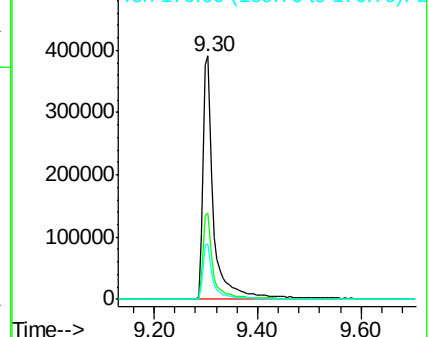
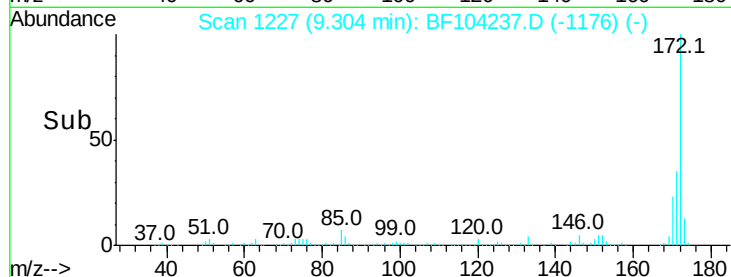


Abundance

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: 2.416 ng

RT: 9.70 min Scan# 1294

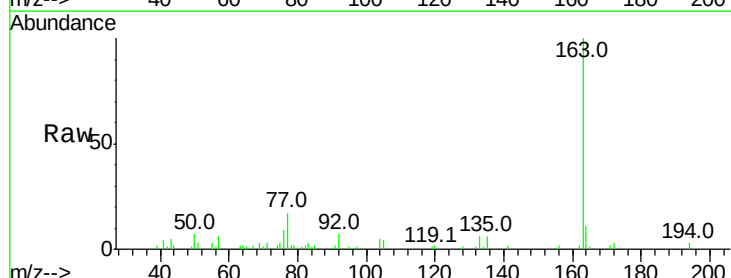
Delta R.T. -0.01 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Tgt Ion:163 Resp: 42410

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.2	8.2	12.2

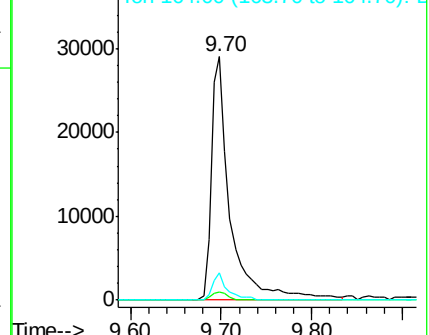
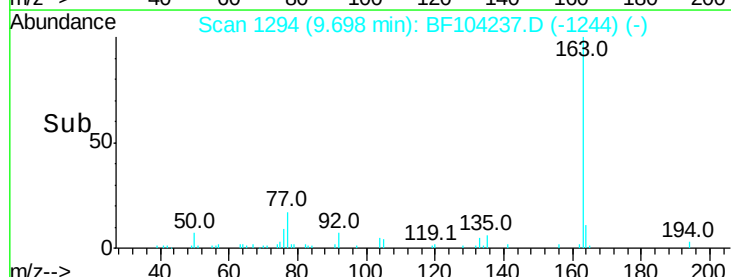


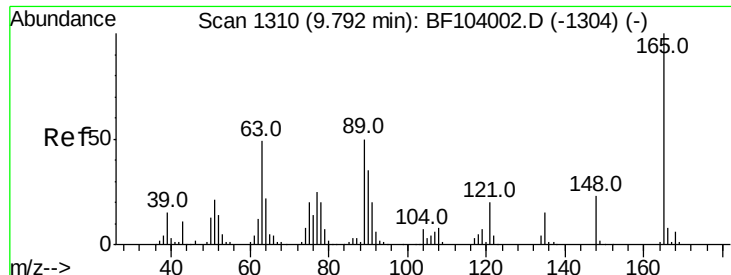
Abundance

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

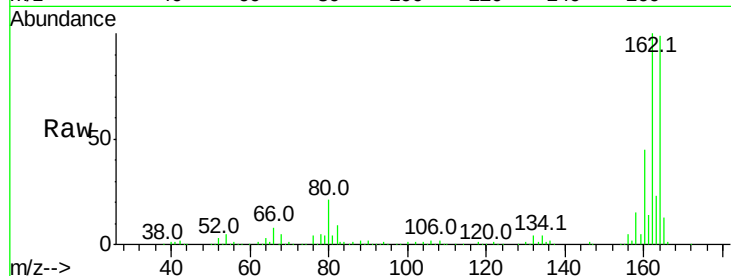




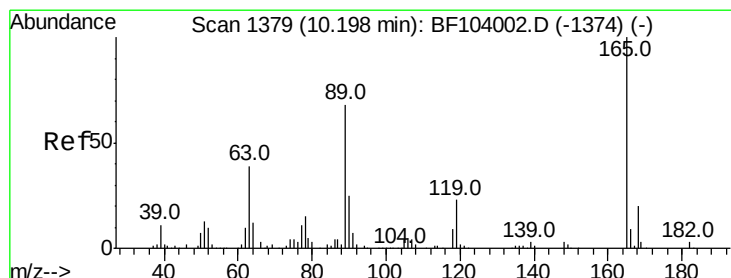
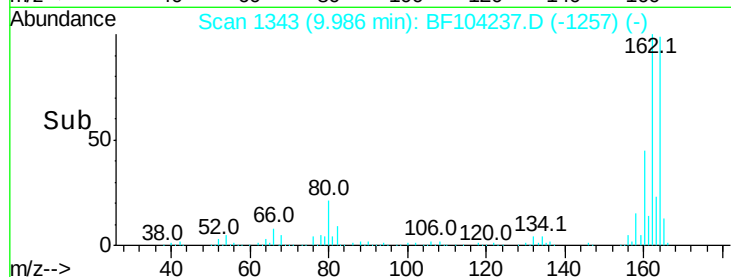
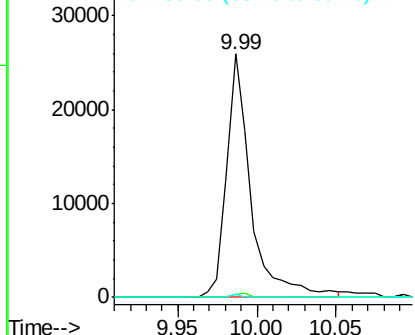
#50
 2,6-Dinitrotoluene
 Concen: 7.282 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104237.D
 Acq: 4 Apr 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 27496
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.4 44.0 66.0#

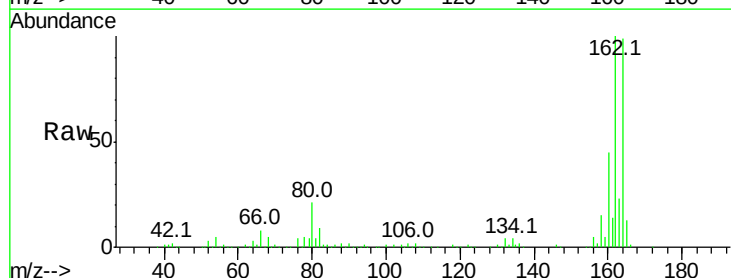


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

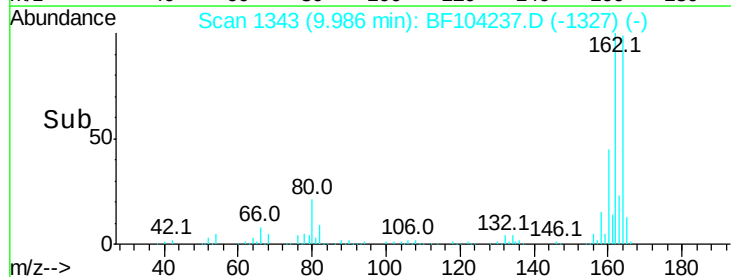
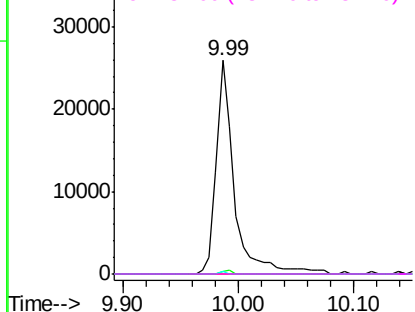


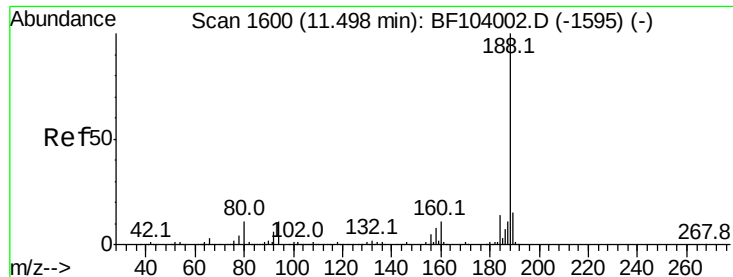
#56
 2,4-Dinitrotoluene
 Concen: 5.837 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104237.D
 Acq: 4 Apr 2018 20:34

Tgt Ion:165 Resp: 28121
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.4 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

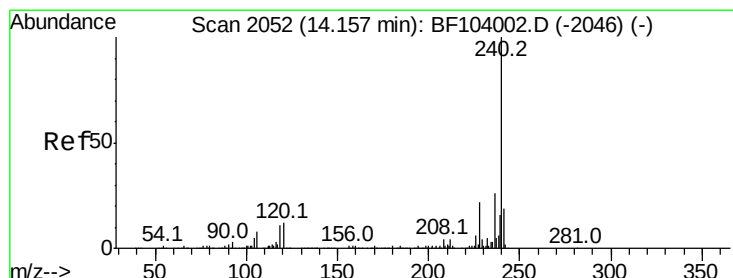
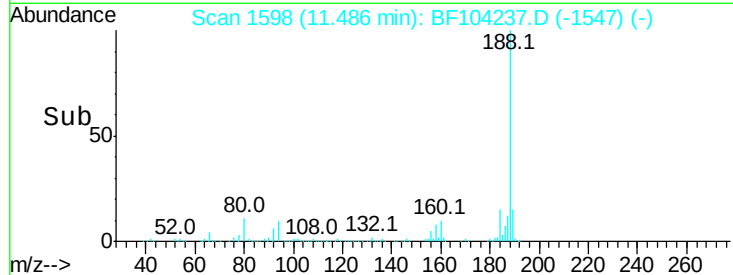
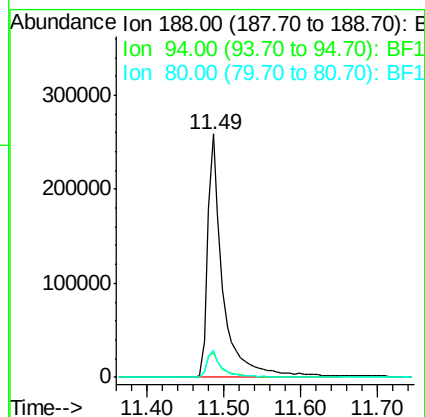
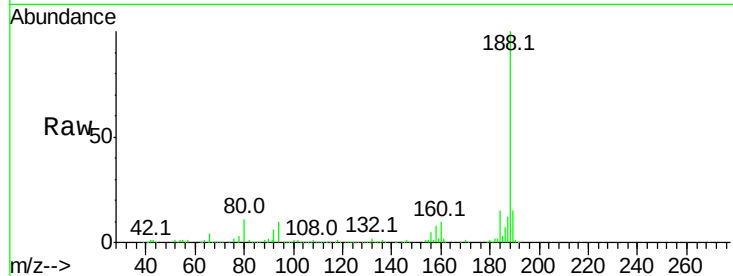




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

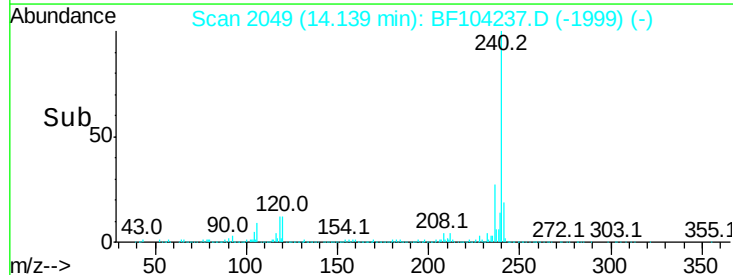
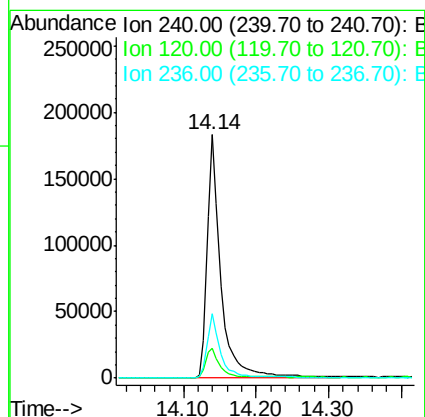
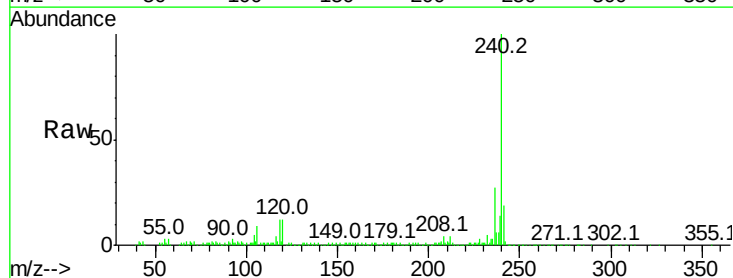
Instrument :
BNA_F
ClientSampleId :

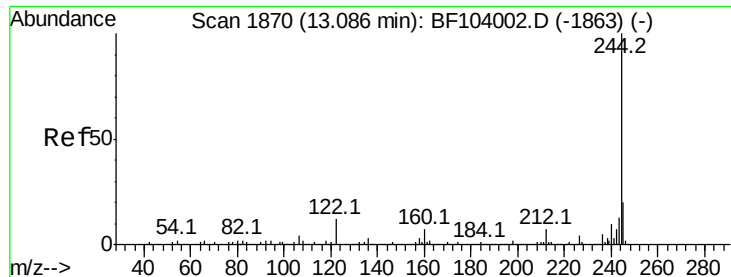
Tot Ion:188 Resp: 356875
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Tgt Ion:240 Resp: 245024
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 37.798 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

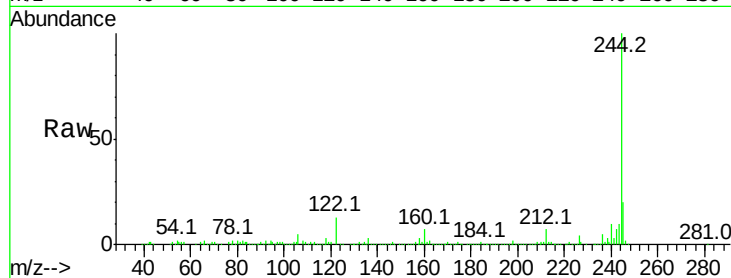
Tot Ion:244 Resp: 401114

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

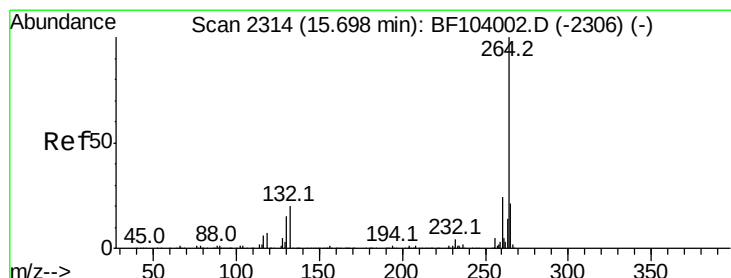
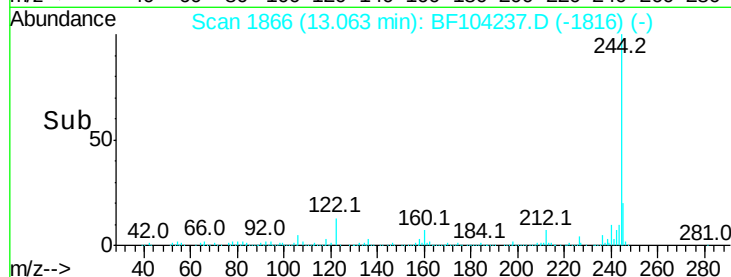
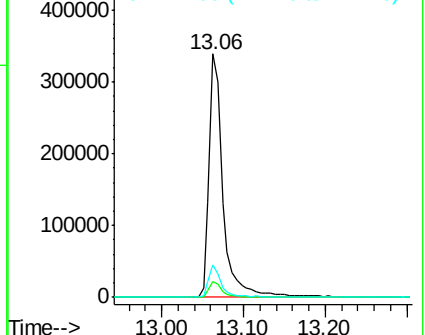
122 13.4 11.0 16.4



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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

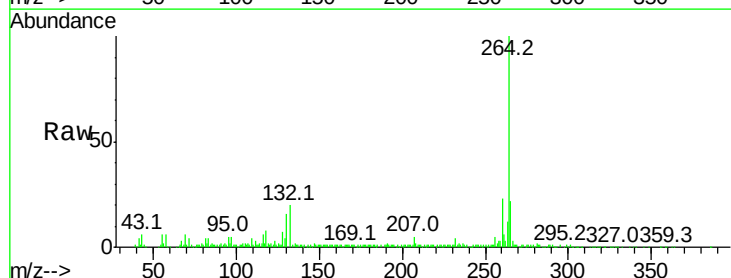
Tgt Ion:264 Resp: 216250

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.0 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

