

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104965.D
 Acq On : 1 May 2018 6:30
 Operator : JU/SJ
 Sample : J2617-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 07:32:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

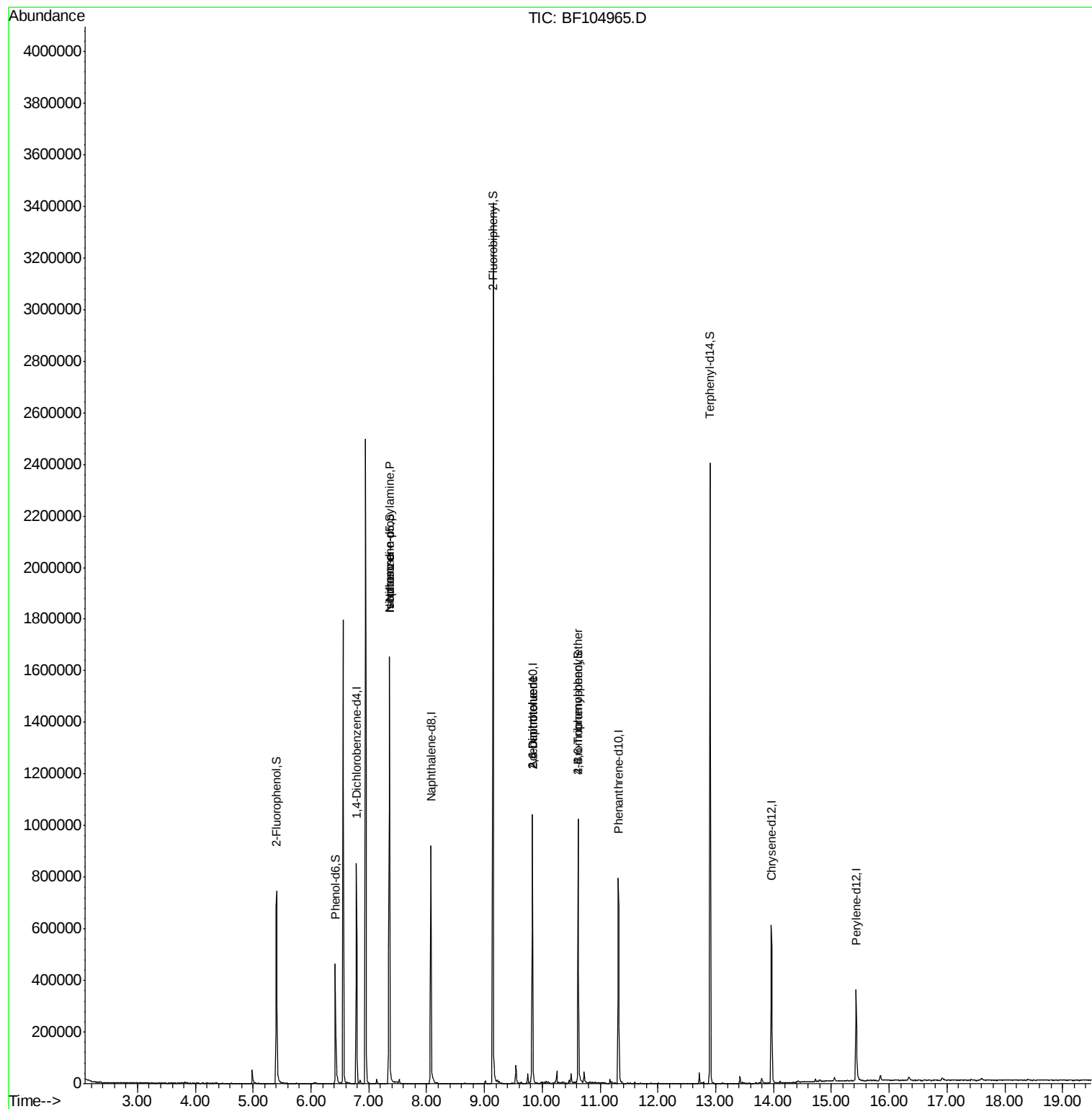
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	120446	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484749	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	204288	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	324661	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	236369	20.00	ng	-0.01
86) Perylene-d12	15.43	264	182872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	258439	32.81	ng	0.00
7) Phenol-d6	6.42	99	188533	19.48	ng	-0.02
23) Nitrobenzene-d5	7.36	82	645692	86.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	144651	68.26	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1117556	86.42	ng	0.00
78) Terphenyl-d14	12.90	244	815482	78.65	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	81486	12.88	ng	# 71
25) Isophorone	7.36	82	645689	41.13	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	26298	8.82	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	26298	6.73	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8439	2.44	ng	# 1
76) Benzidine	12.90	184	9837	Below Cal		# 94

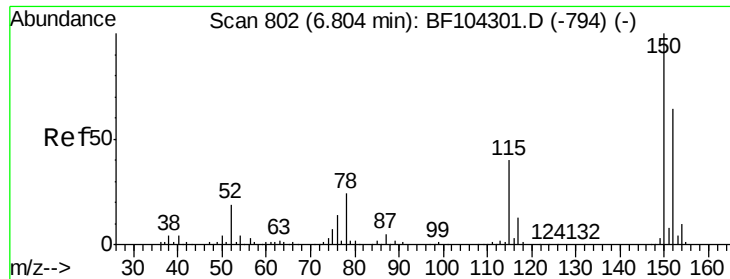
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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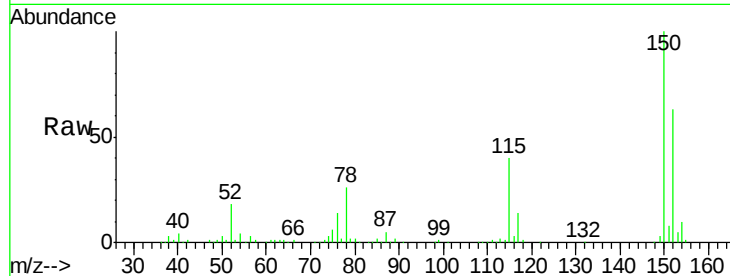


#1

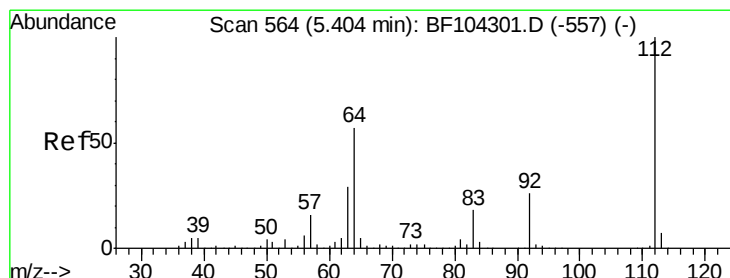
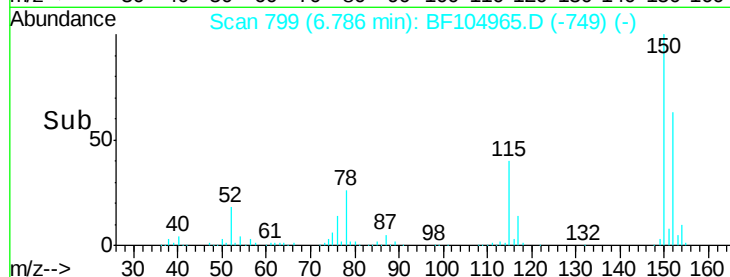
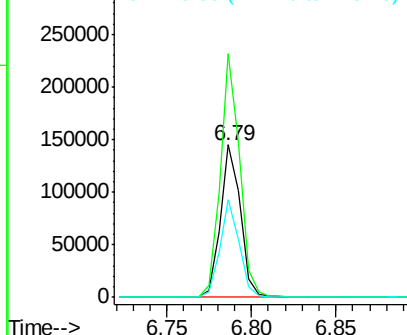
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104965.D
Acq: 1 May 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120446
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 63.9 50.1 75.1



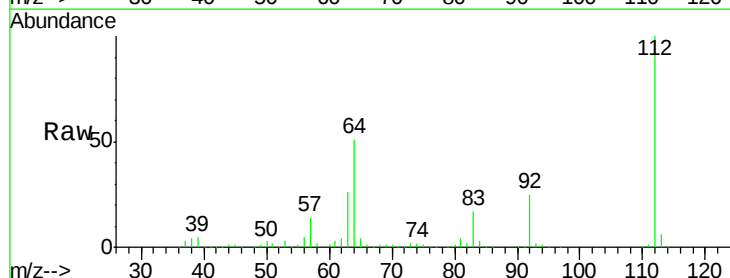
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



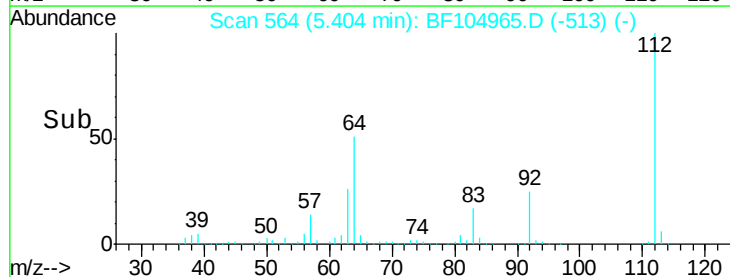
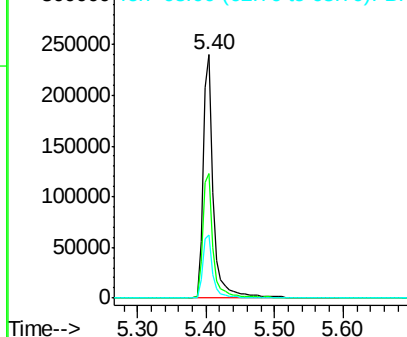
#5

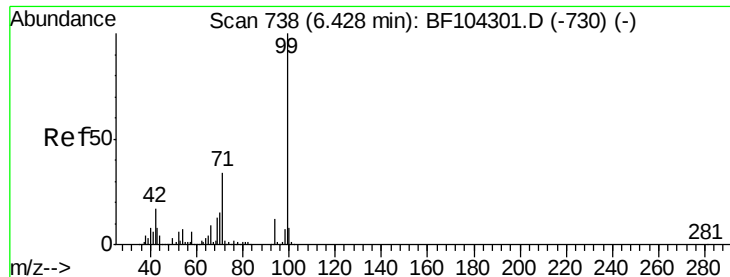
2-Fluorophenol
Concen: 32.81 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104965.D
Acq: 1 May 2018 6:30

Tgt Ion:112 Resp: 258439
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 25.9 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: 19.48 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

Instrument :

BNA_F

ClientSampled :

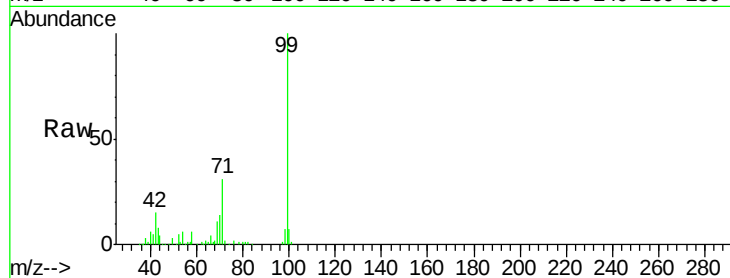
Tot Ion: 99 Resp: 188533

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

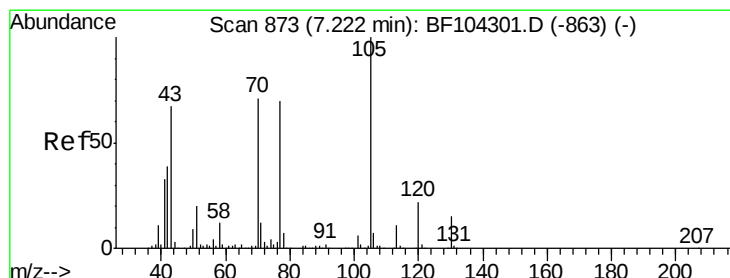
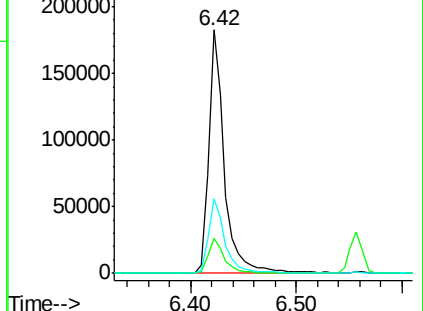
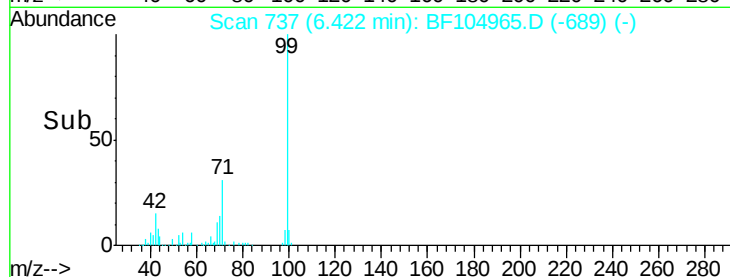
71 30.9 25.4 38.0



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: 12.88 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

Tgt Ion: 70 Resp: 81486

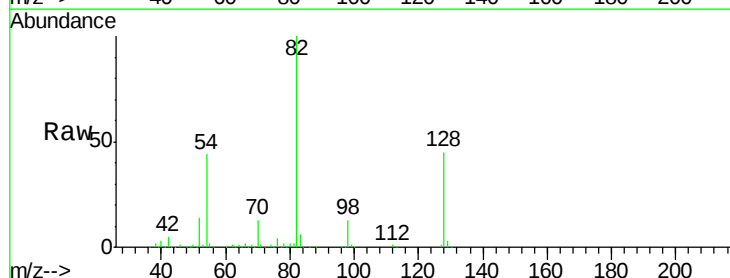
Ion Ratio Lower Upper

70 100

42 39.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

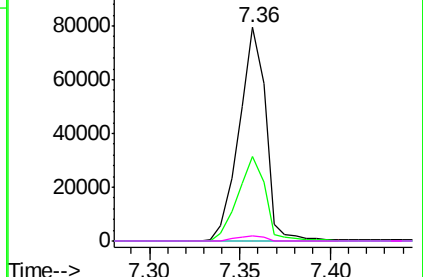
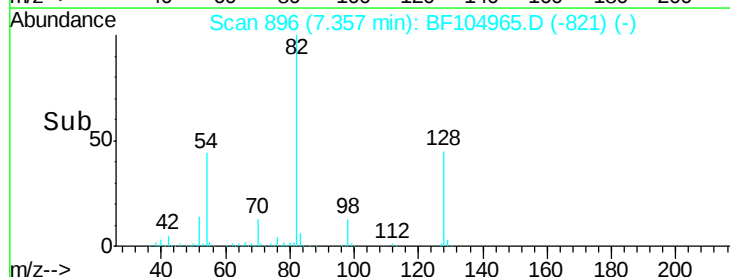


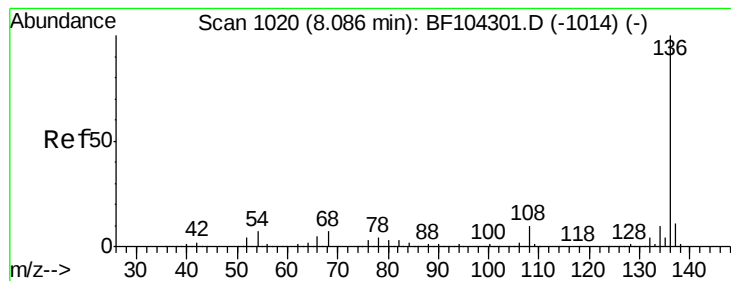
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 484749

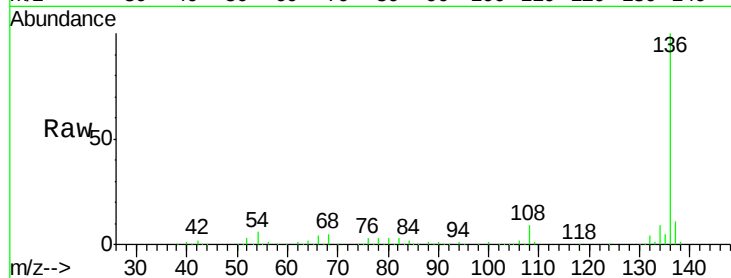
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.9 6.6 9.8#

68 5.1 5.0 7.4

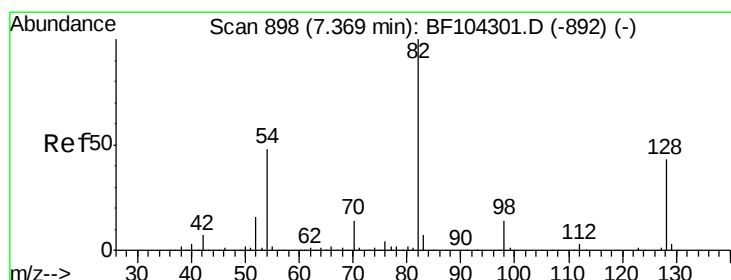
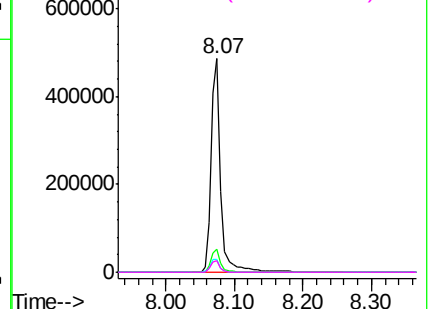
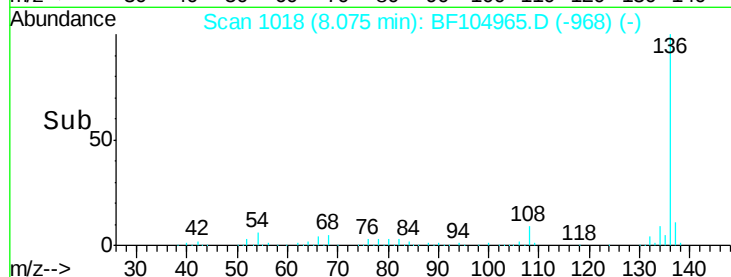


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.98 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

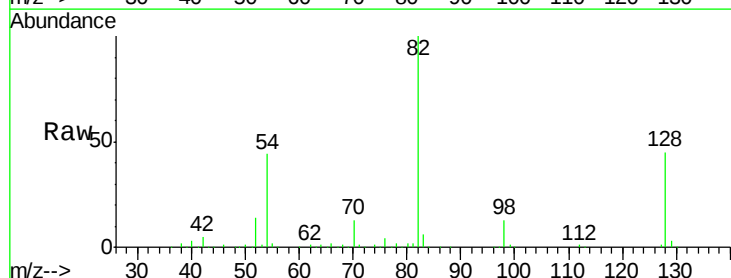
Tgt Ion: 82 Resp: 645692

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

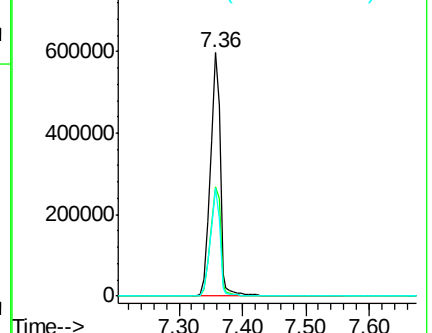
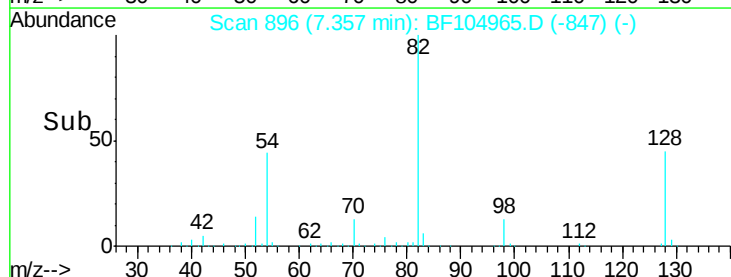
54 44.2 41.4 62.2

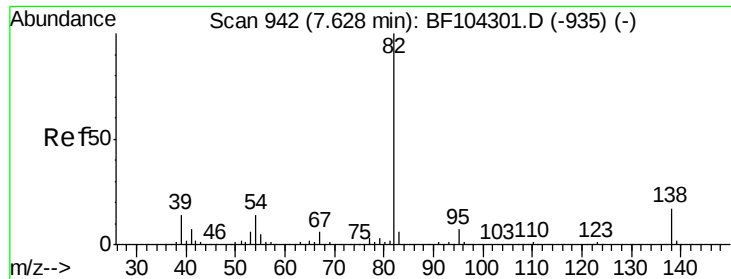


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

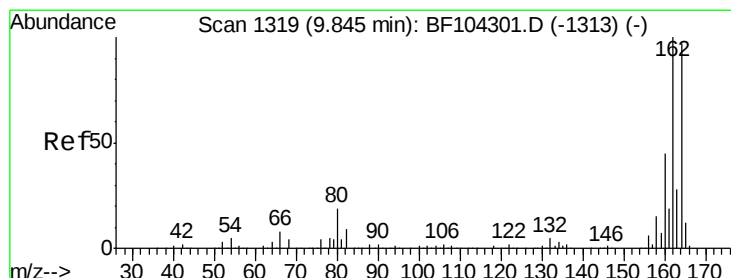
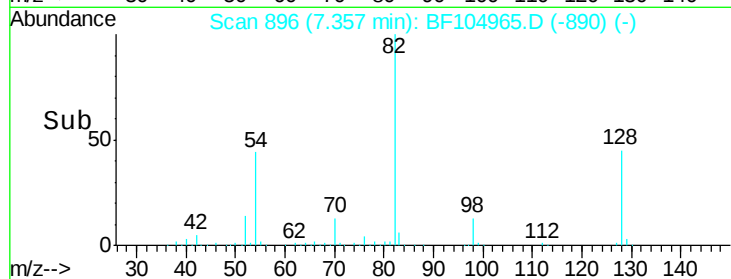
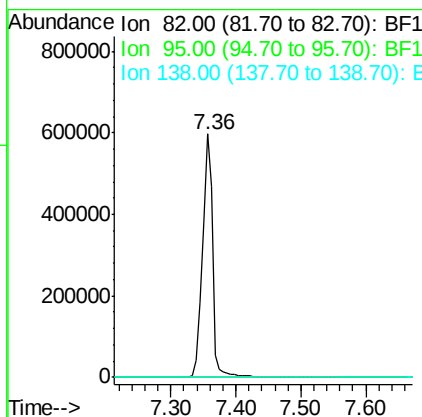
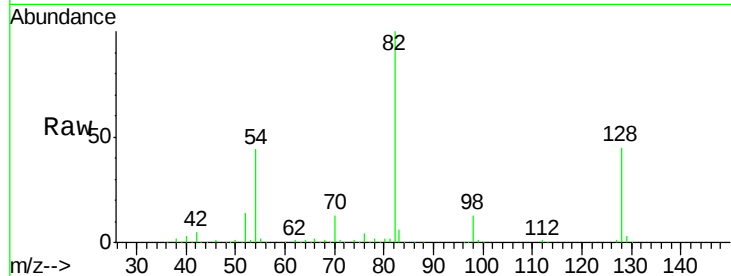




#25
Isophorone
Concen: 41.13 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104965.D
Acq: 1 May 2018 6:30

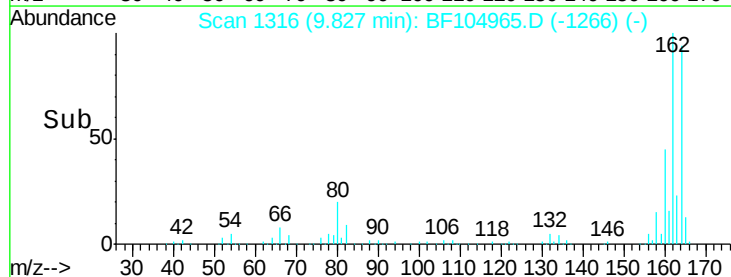
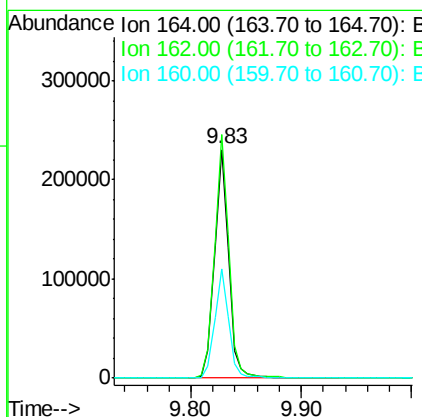
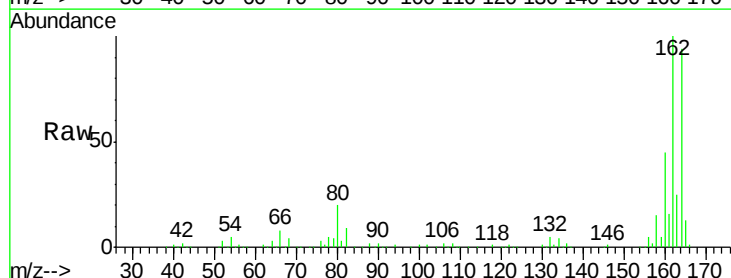
Instrument :
BNA_F
ClientSampleId :

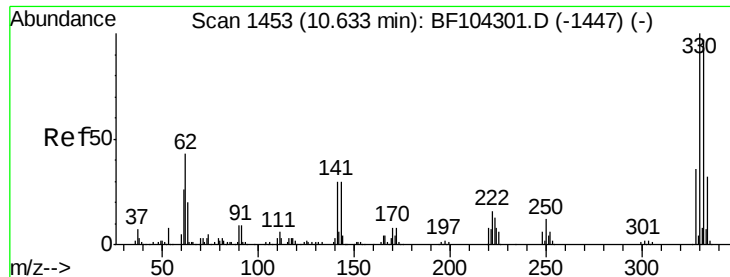
Tot Ion: 82 Resp: 645689
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104965.D
Acq: 1 May 2018 6:30

Tgt Ion:164 Resp: 204288
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 47.8 38.3 57.5

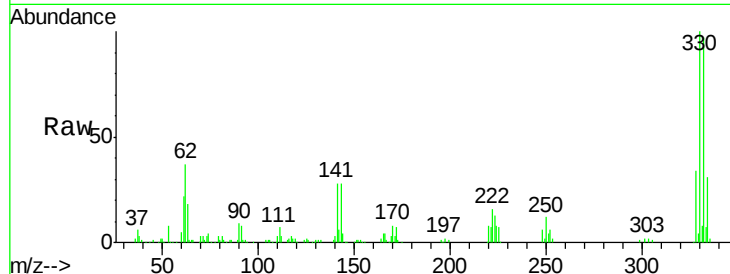




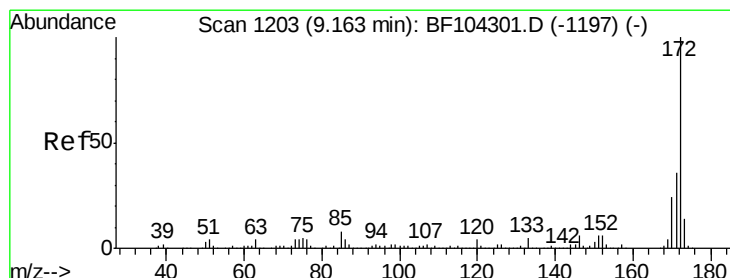
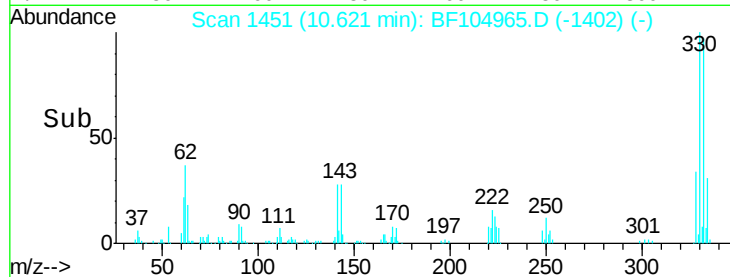
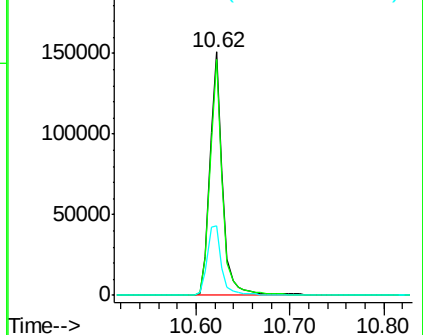
#41
 2,4,6-Tribromophenol
 Concen: 68.26 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.1	29.9	44.9

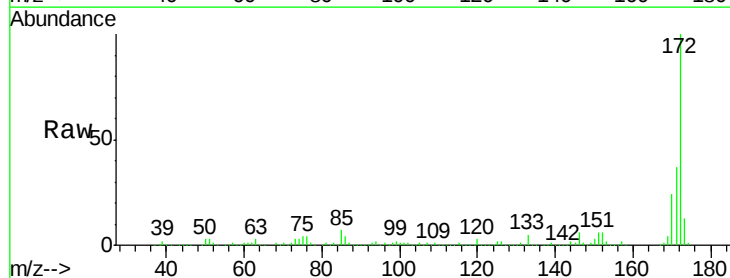


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

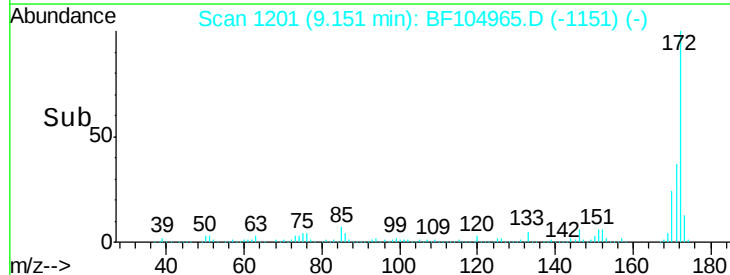
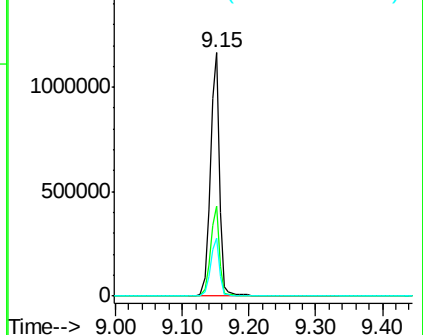


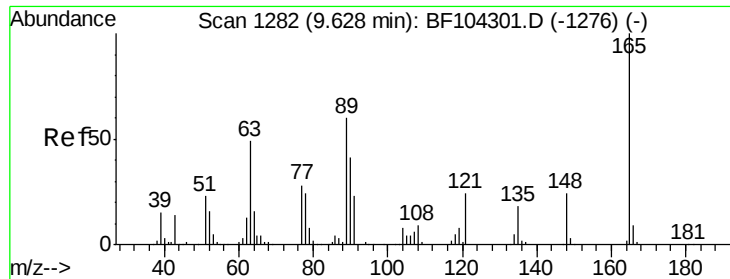
#44
 2-Fluorobiphenyl
 Concen: 86.42 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.1	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: 8.82 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.19 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

Instrument :

BNA_F

ClientSampleId :

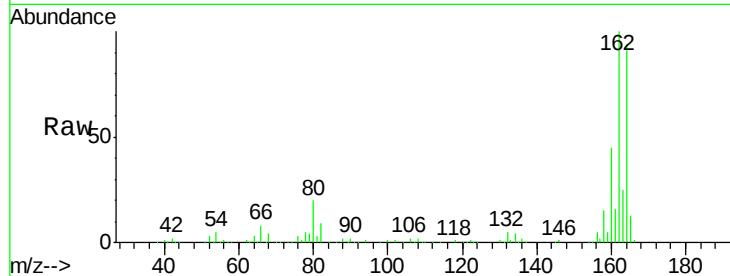
Tot Ion:165 Resp: 26298

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

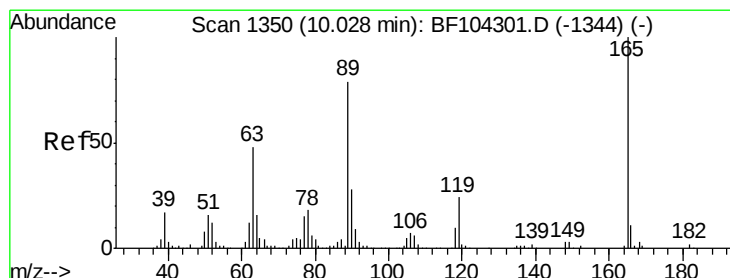
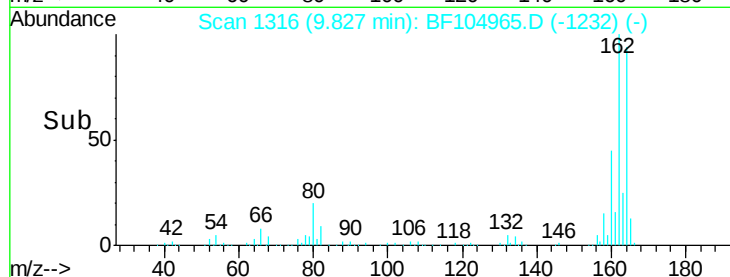
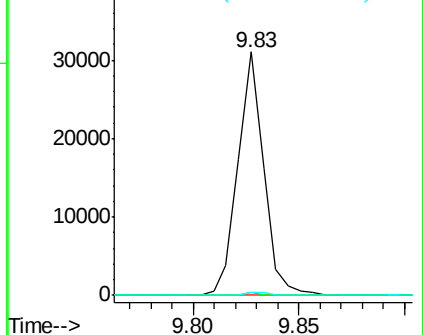
89 1.4 44.0 66.0#



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: 6.73 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

Tgt Ion:165 Resp: 26298

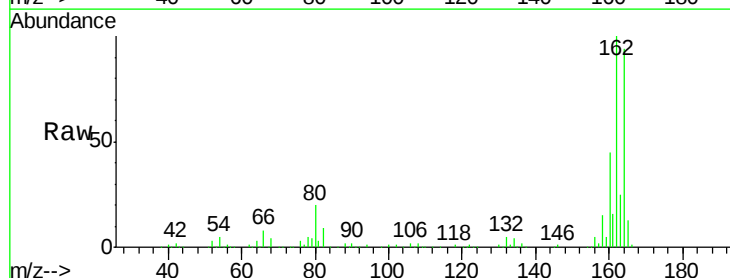
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

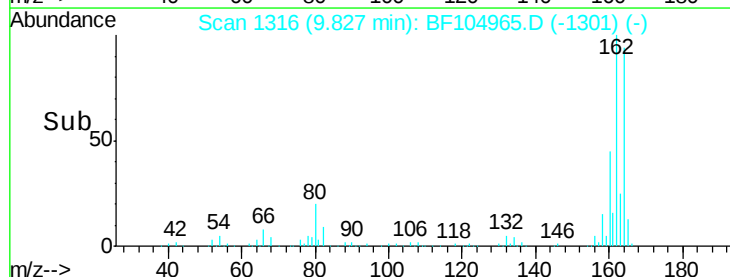
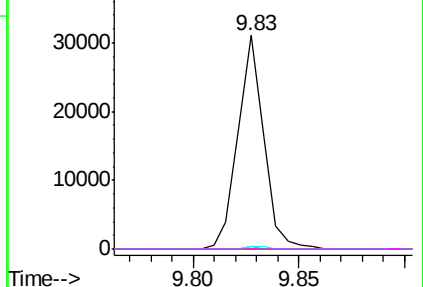


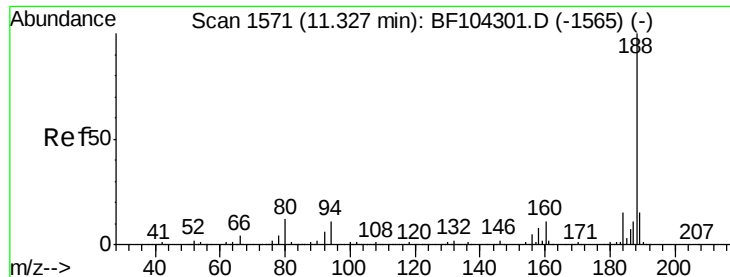
Abundance Ion 165.00 (164.70 to 165.70): E

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

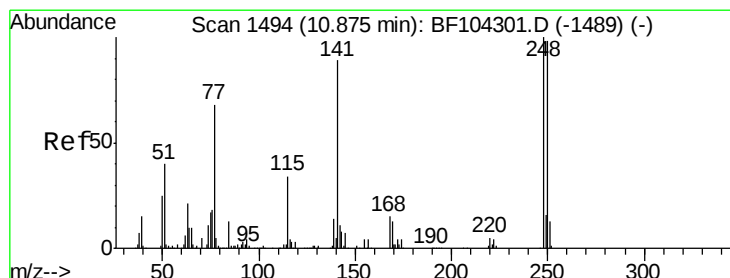
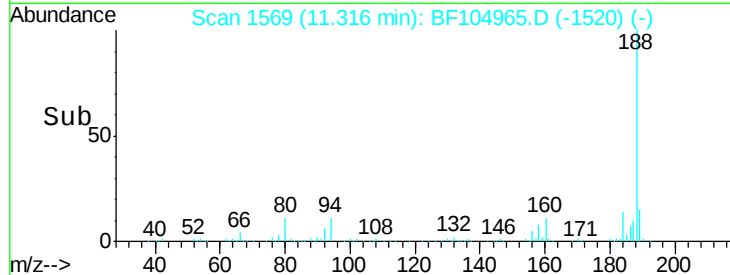
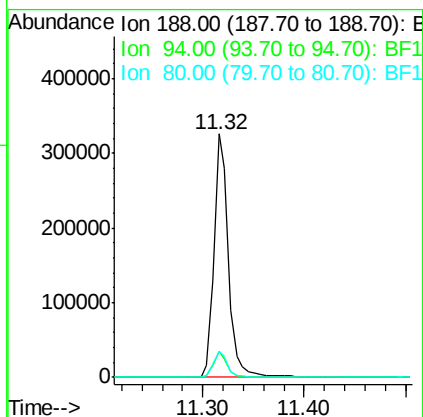
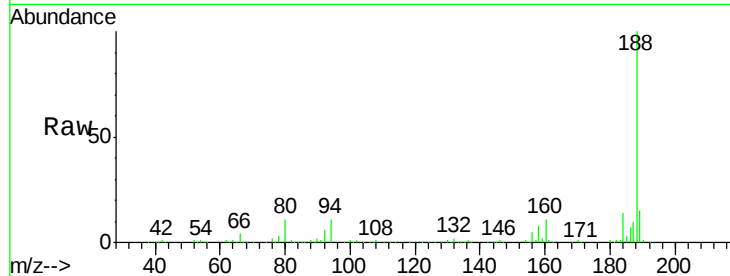




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

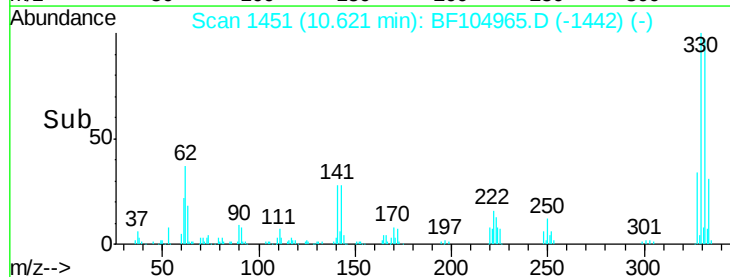
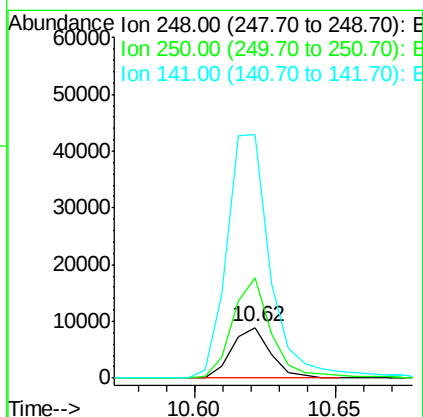
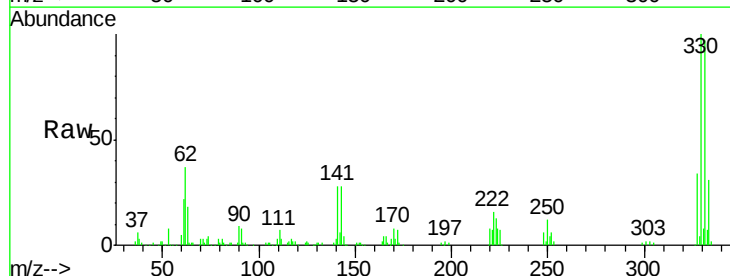
Instrument :
 BNA_F
 ClientSampleId :

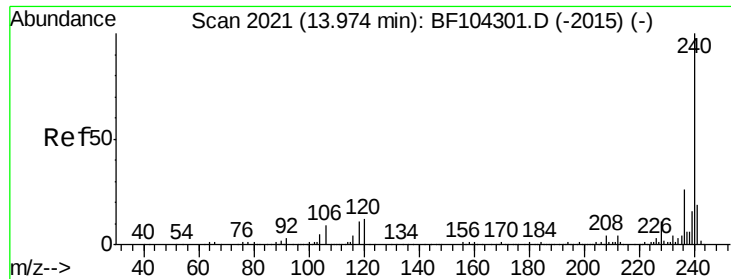
Tot Ion:188 Resp: 324661
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 10.8 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.44 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

Tgt Ion:248 Resp: 8439
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.9 115.3#
 141 482.7 74.4 111.6#

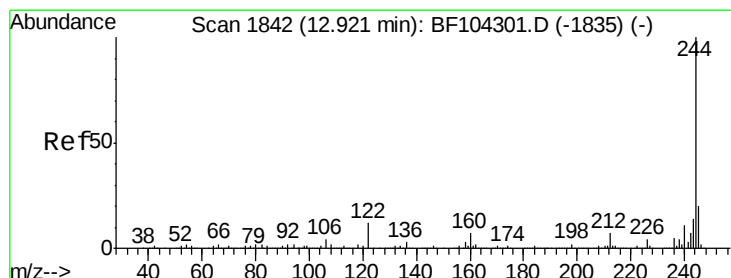
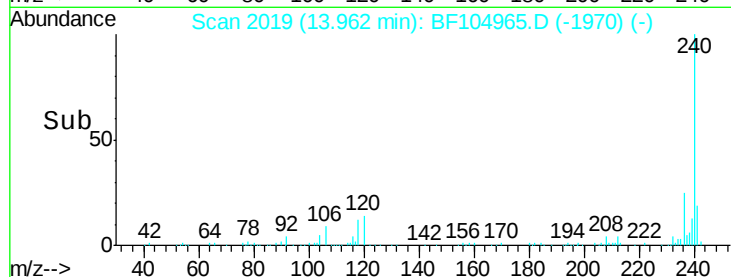
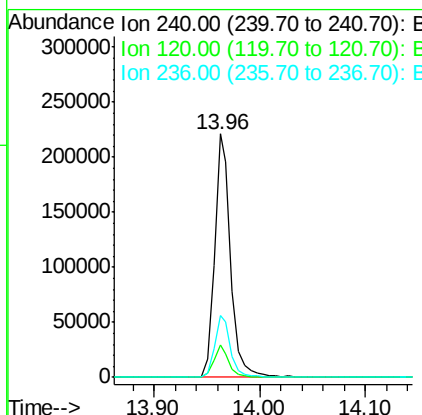
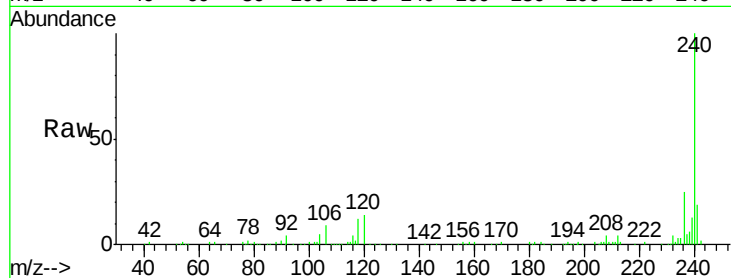




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

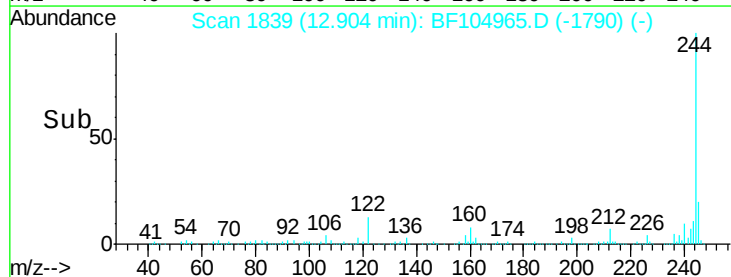
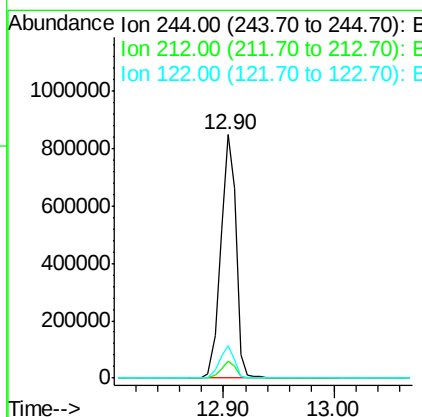
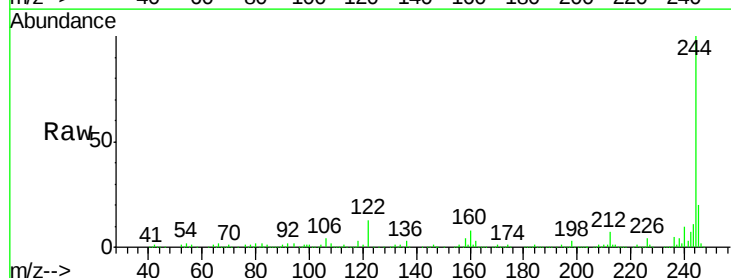
Instrument :
 BNA_F
 ClientSampled :

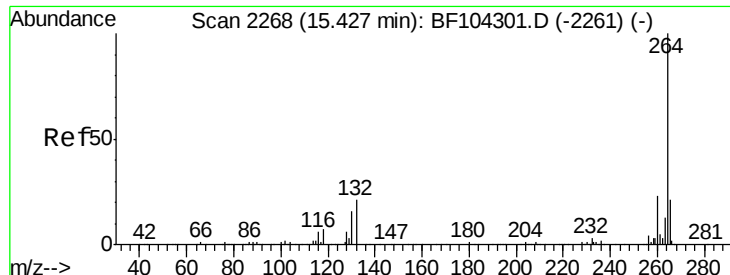
Tot Ion:240 Resp: 236369
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 78.65 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

Tgt Ion:244 Resp: 815482
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.2 11.0 16.4

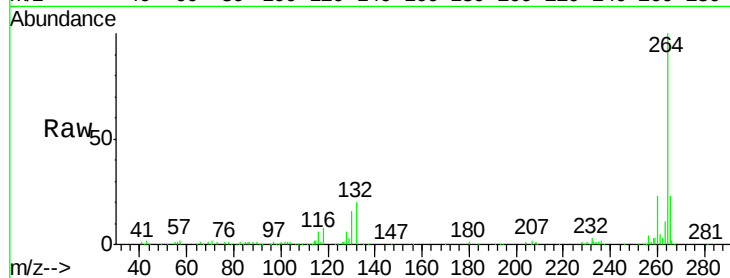




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104965.D
Acq: 1 May 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 182872
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.7 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

