

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104862.D
 Acq On : 27 Apr 2018 5:11
 Operator : JU/SJ
 Sample : J2520-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 11:08:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

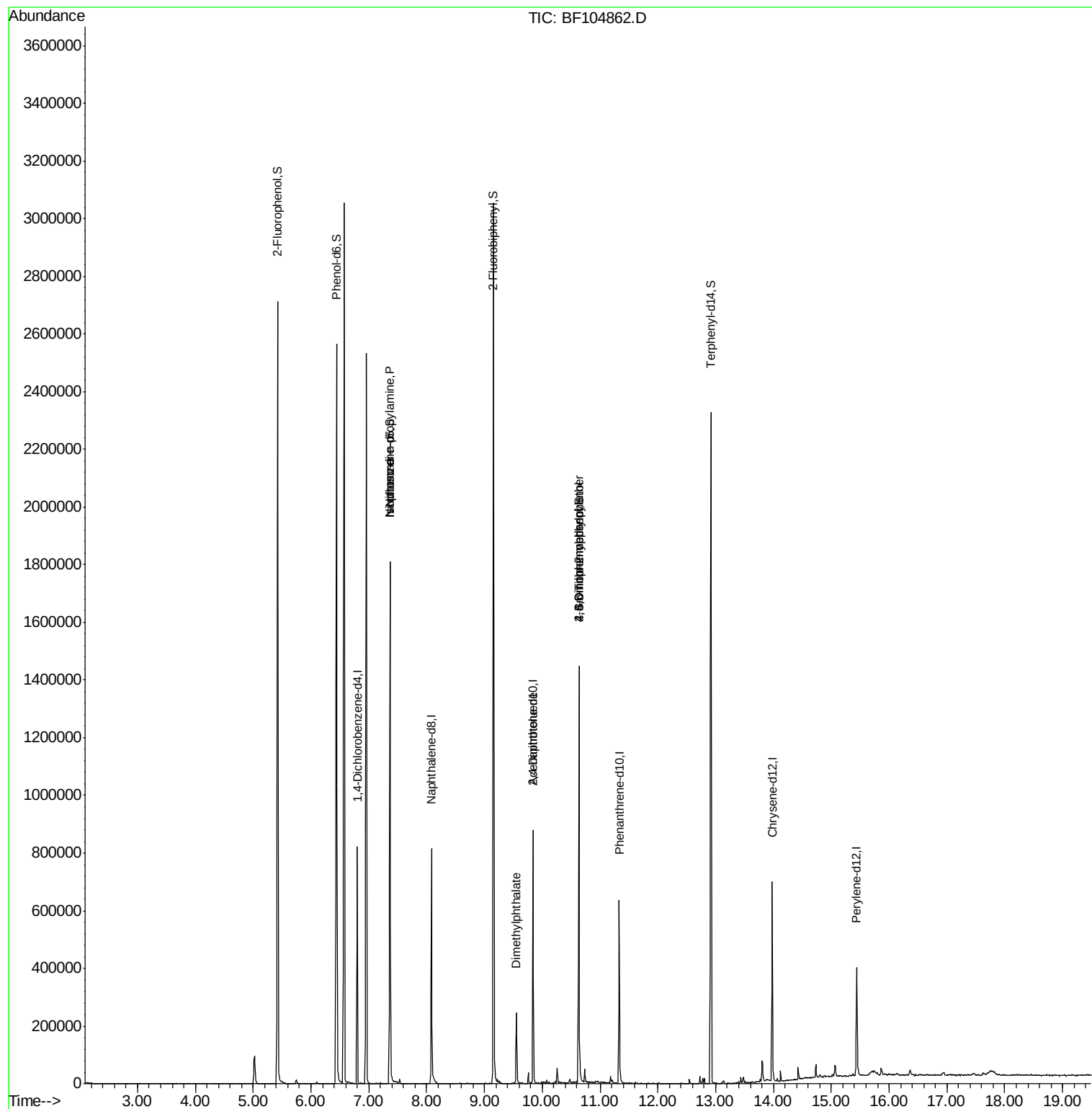
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112547	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	431288	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	165935	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	253410	20.00	ng	0.00
75) Chrysene-d12	13.97	240	237777	20.00	ng	-0.01
86) Perylene-d12	15.44	264	168442	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	898368	122.05	ng	0.00
7) Phenol-d6	6.45	99	1069480	118.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	641069	97.06	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	192348	111.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	994361	94.67	ng	0.00
78) Terphenyl-d14	12.92	244	787362	75.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	85407	14.452	ng	# 71
25) Isophorone	7.37	82	641065	45.899	ng	# 64
49) Dimethylphthalate	9.55	163	110037	8.409	ng	100
56) 2,4-Dinitrotoluene	9.84	165	20810	6.552	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.63	198	290	7.546	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11424	4.238	ng	# 1
76) Benzidine	12.92	184	10474	Below Cal		# 95

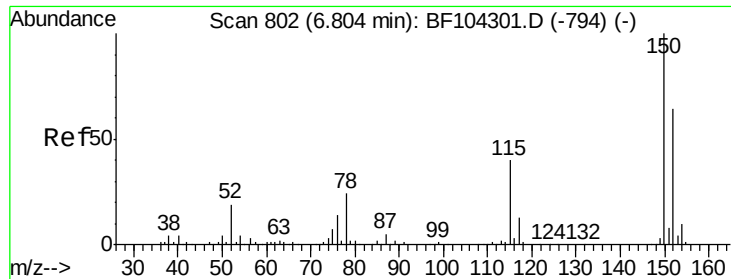
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104862.D
Acq On : 27 Apr 2018 5:11
Operator : JU/SJ
Sample : J2520-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 27 11:08:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration



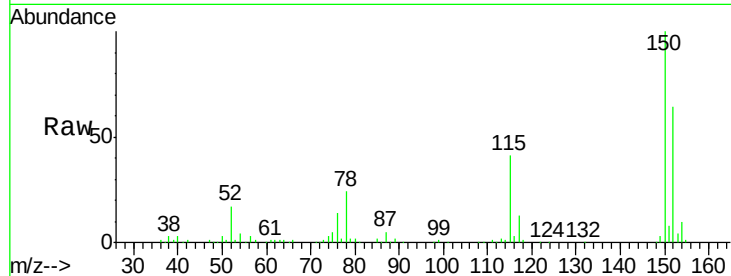


#1

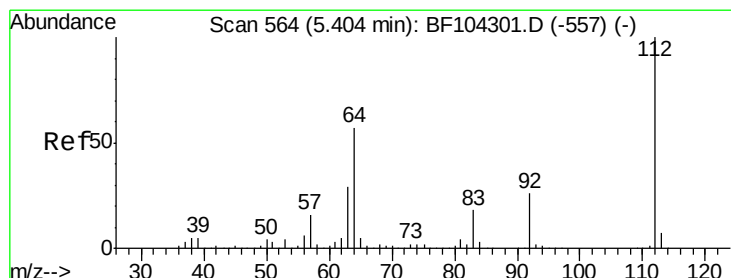
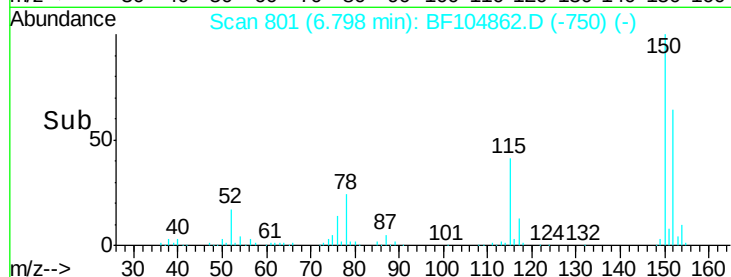
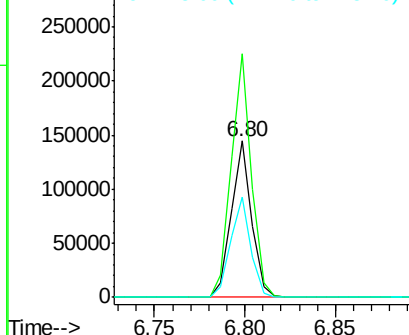
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104862.D
Acq: 27 Apr 2018 5:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	63.9	50.1	75.1



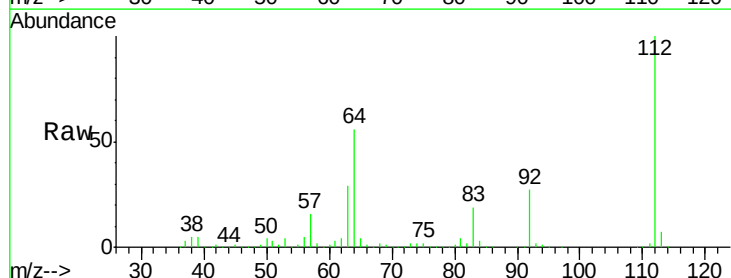
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



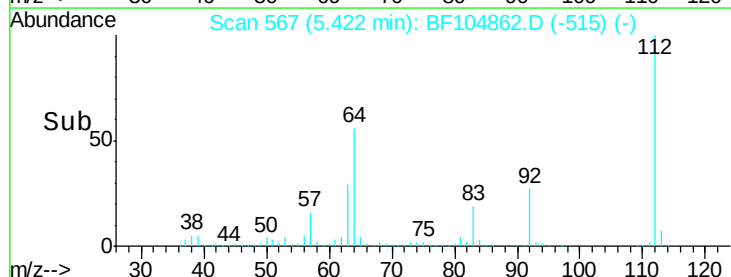
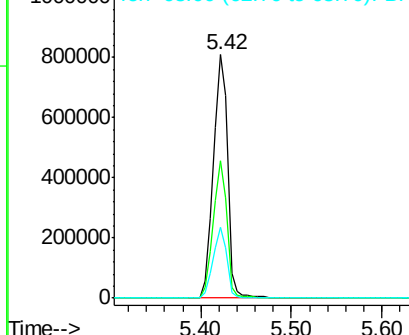
#5

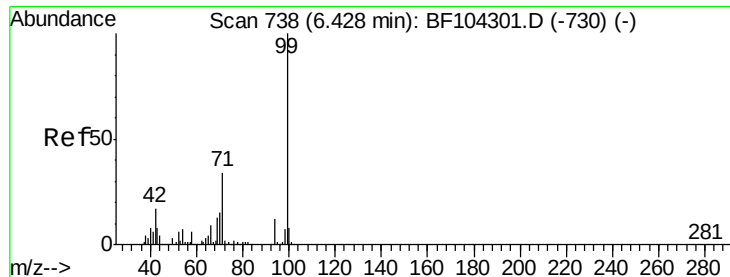
2-Fluorophenol
Concen: 122.052 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104862.D
Acq: 27 Apr 2018 5:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	29.3	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: 118.256 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104862.D

Acq: 27 Apr 2018 5:11

Instrument :

BNA_F

ClientSampleId :

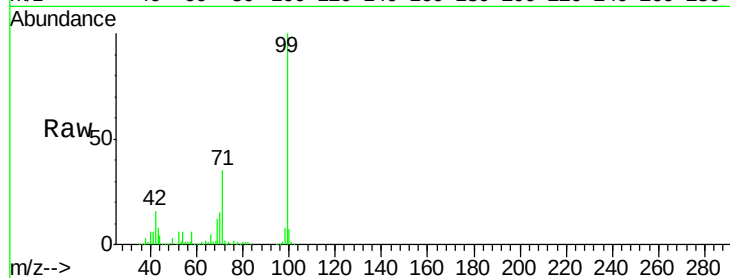
Tot Ion: 99 Resp: 1069480

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

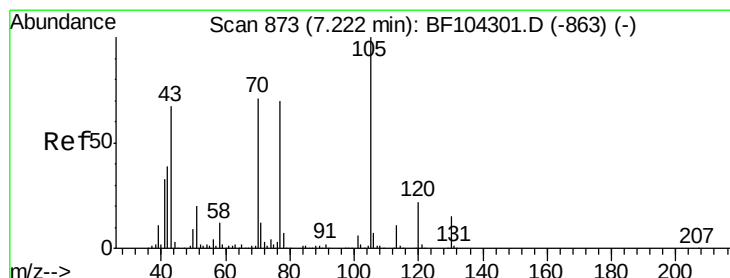
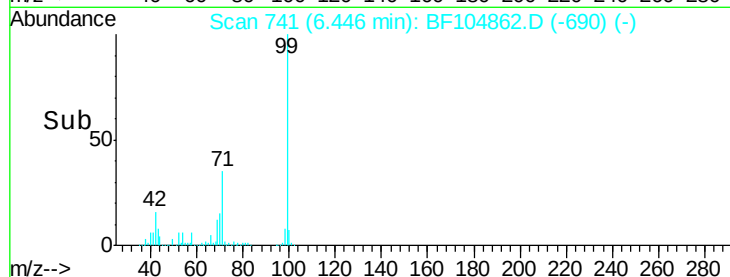
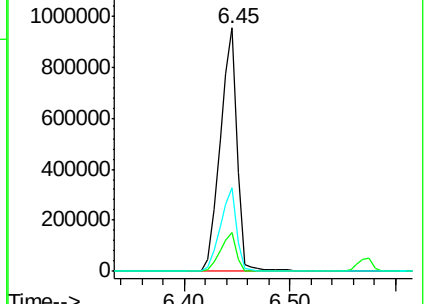
71 34.5 25.4 38.0



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: 14.452 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104862.D

Acq: 27 Apr 2018 5:11

Tgt Ion: 70 Resp: 85407

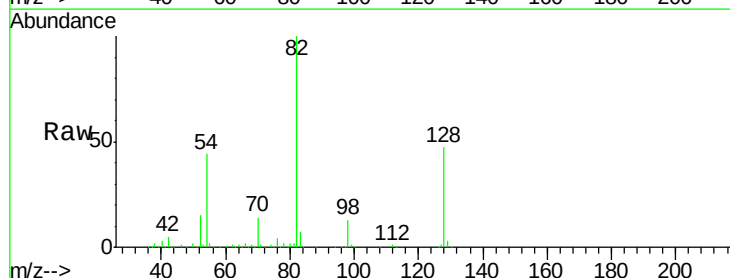
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

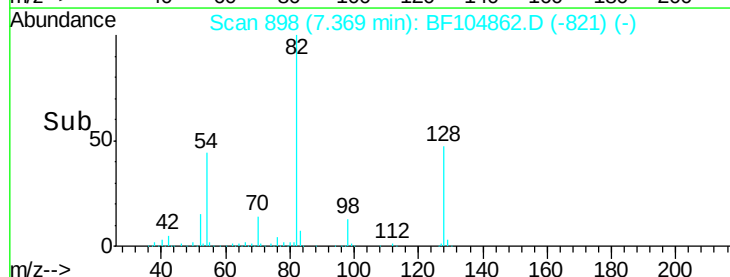
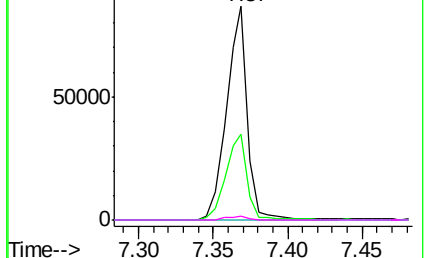


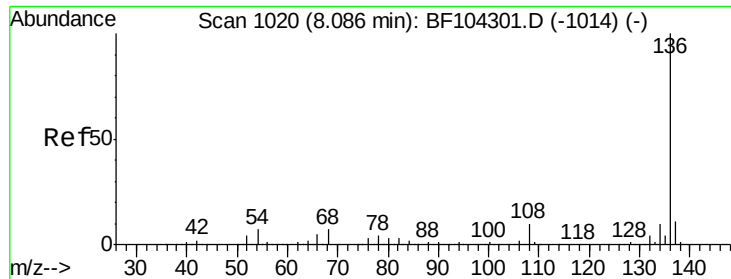
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104862.D

Acq: 27 Apr 2018 5:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 431288

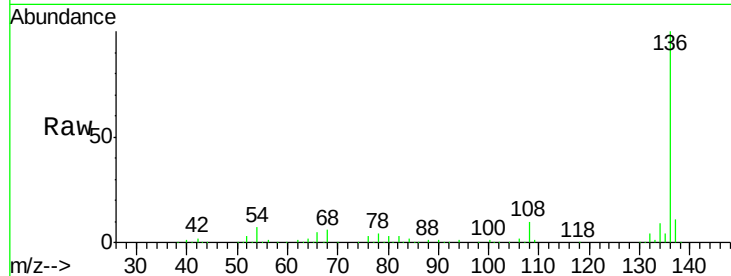
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

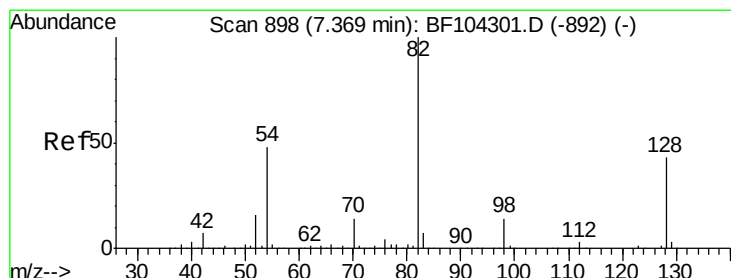
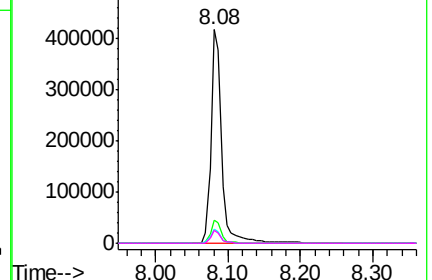
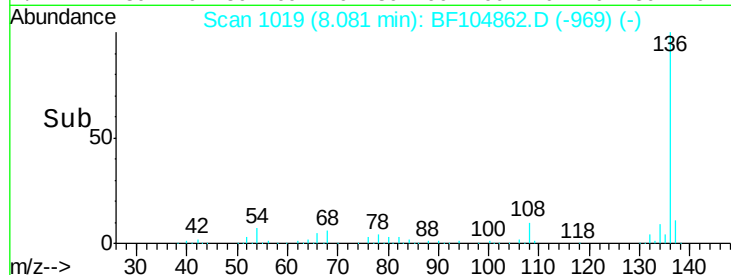


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.059 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104862.D

Acq: 27 Apr 2018 5:11

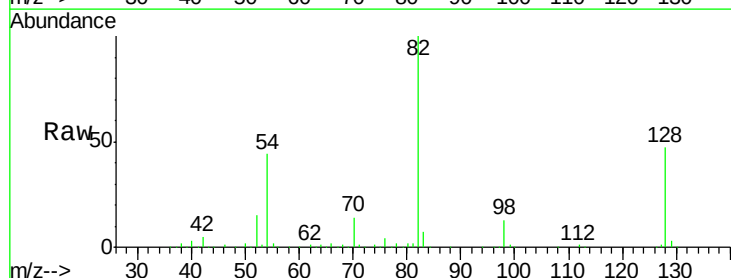
Tgt Ion: 82 Resp: 641069

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

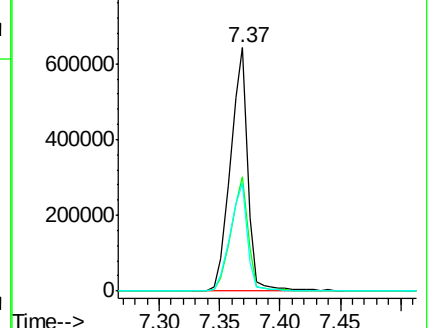
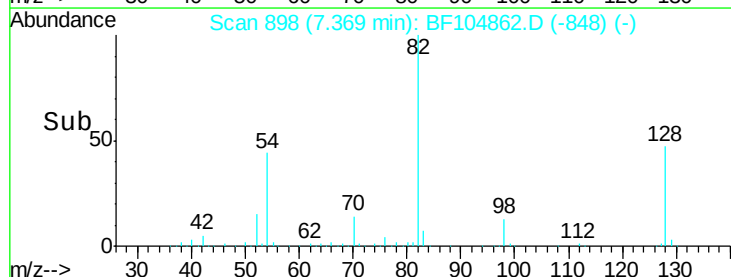
54 44.3 41.4 62.2

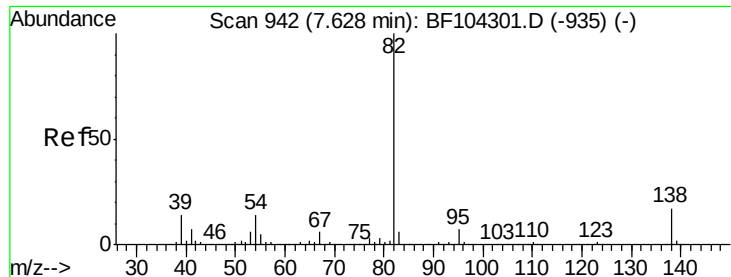


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.899 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104862.D

Acq: 27 Apr 2018 5:11

Instrument :

BNA_F

ClientSampleId :

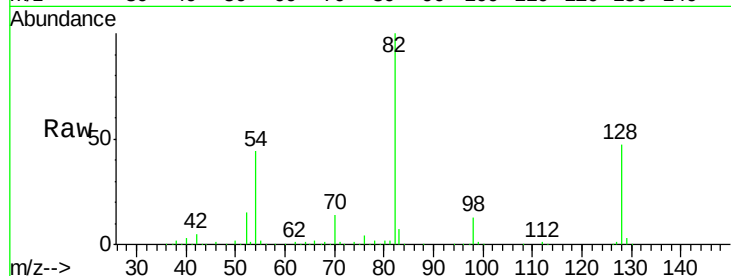
Tot Ion: 82 Resp: 641065

Ion Ratio Lower Upper

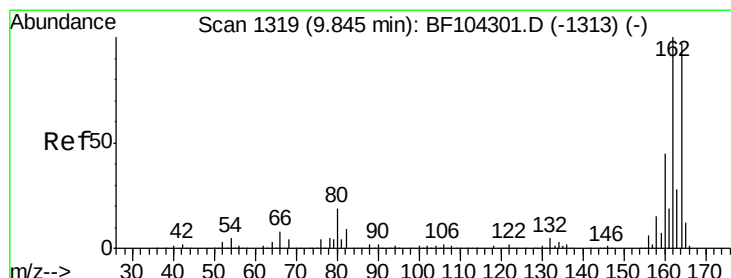
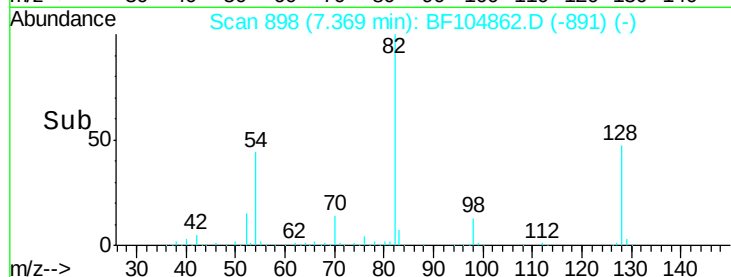
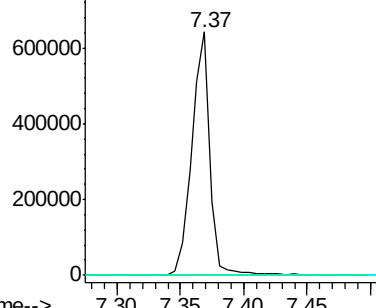
82 100

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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104862.D

Acq: 27 Apr 2018 5:11

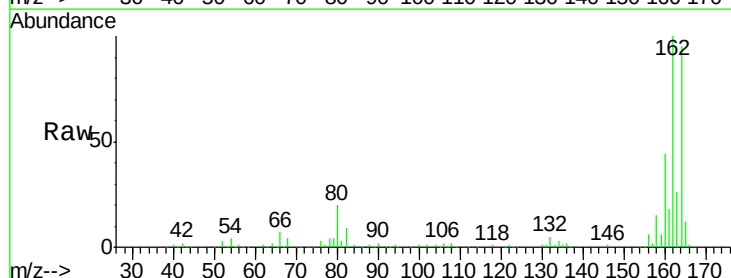
Tgt Ion: 164 Resp: 165935

Ion Ratio Lower Upper

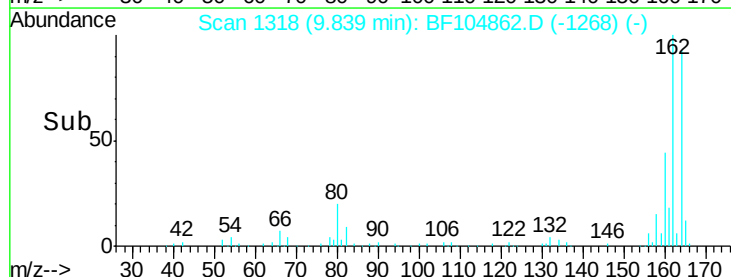
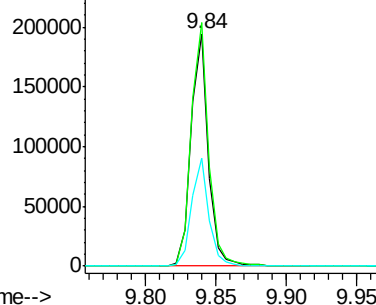
164 100

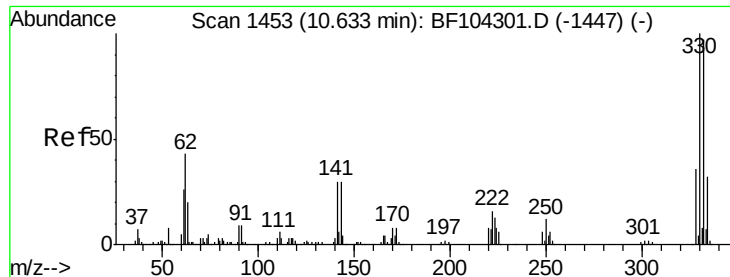
162 104.9 86.1 129.1

160 46.6 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

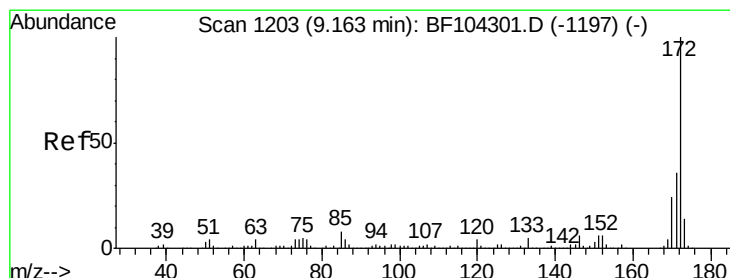
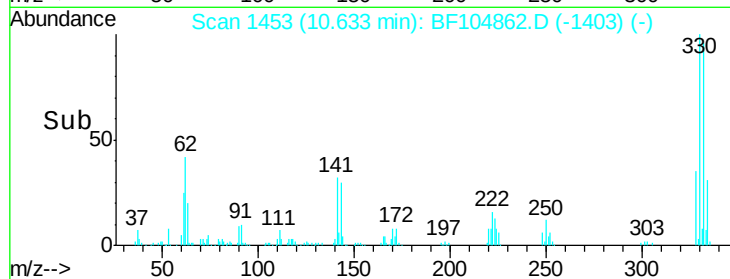
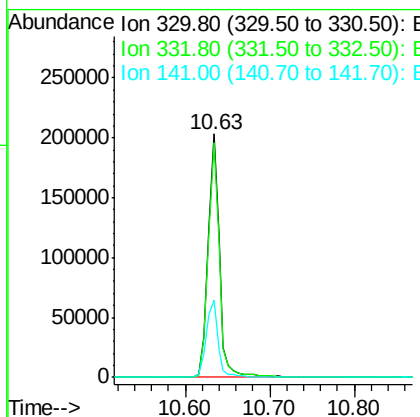
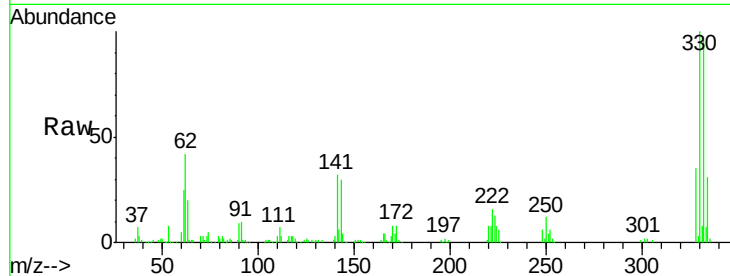




#41
 2,4,6-Tribromophenol
 Concen: 111.746 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104862.D
 Acq: 27 Apr 2018 5:11

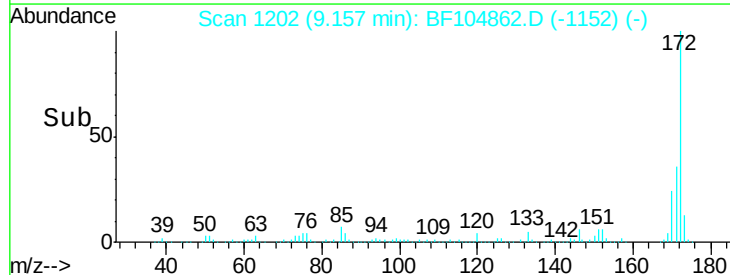
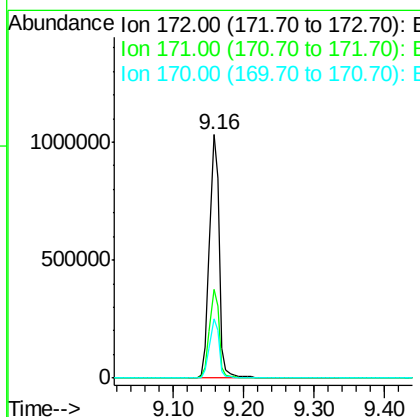
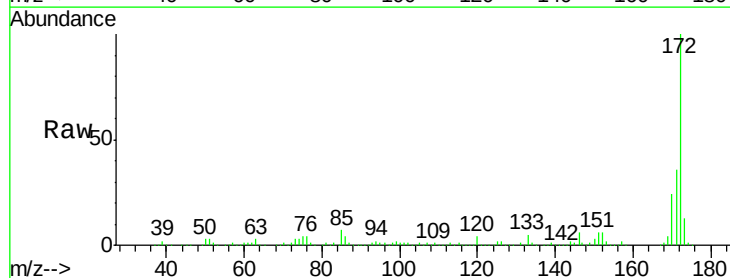
Instrument :
 BNA_F
 ClientSampled :

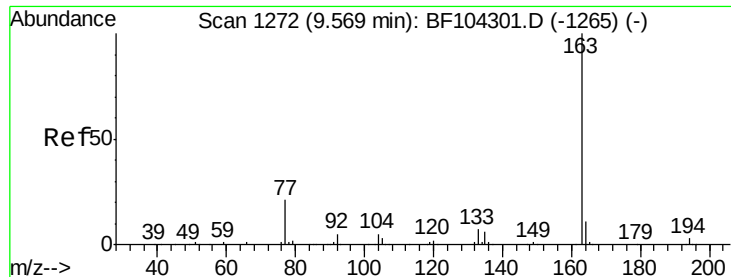
Tot Ion	330	Resp	192348
Ion Ratio	100		
Lower		77.0	
Upper		115.6	
332	95.7		
141	32.8		
		29.9	
		44.9	



#44
 2-Fluorobiphenyl
 Concen: 94.666 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104862.D
 Acq: 27 Apr 2018 5:11

Tgt Ion	172	Resp	994361
Ion Ratio	100		
Lower		29.7	
Upper		44.5	
171	36.4		
170	24.4		
		19.6	
		29.4	

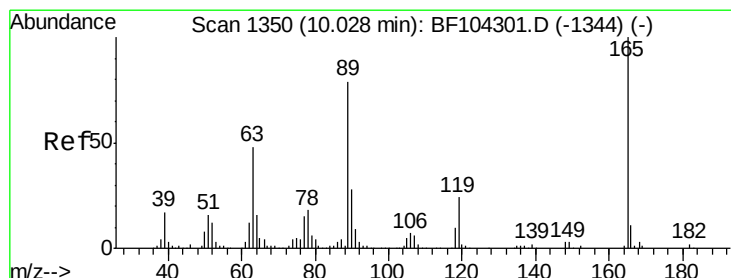
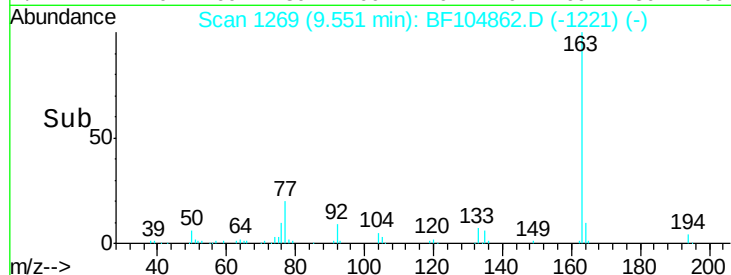
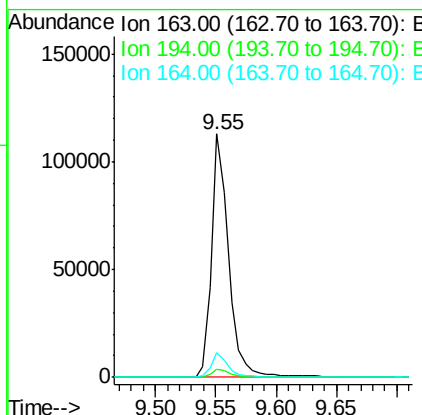
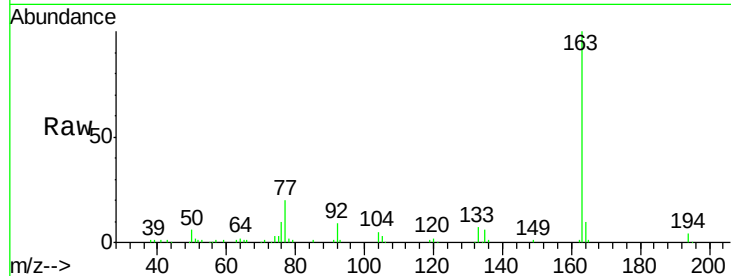




#49
Dimethylphthalate
Concen: 8.409 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104862.D
Acq: 27 Apr 2018 5:11

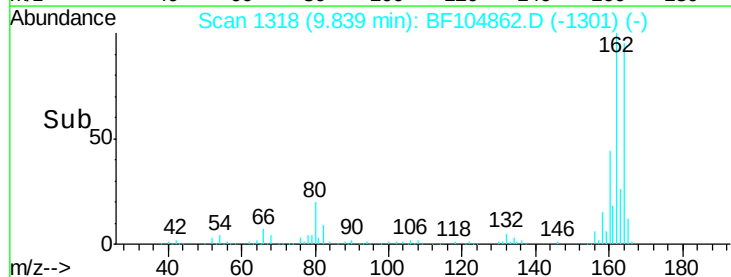
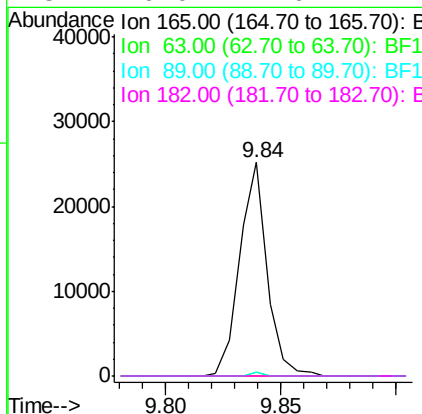
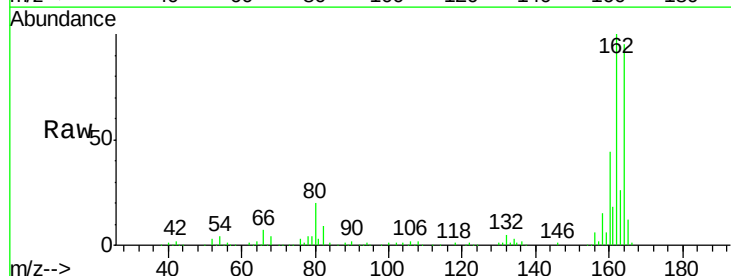
Instrument :
BNA_F
ClientSampleId :

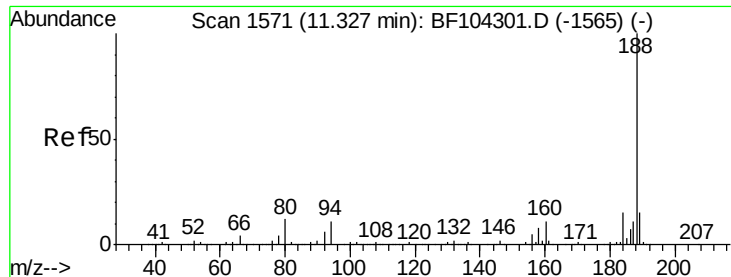
Tot Ion:163 Resp: 110037
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104862.D
Acq: 27 Apr 2018 5:11

Tgt Ion:165 Resp: 20810
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

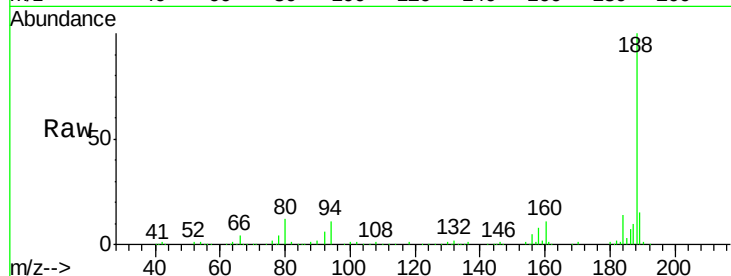




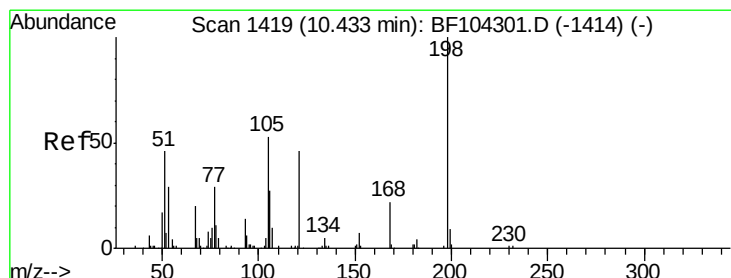
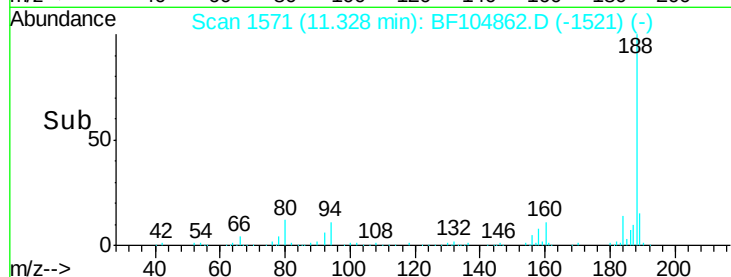
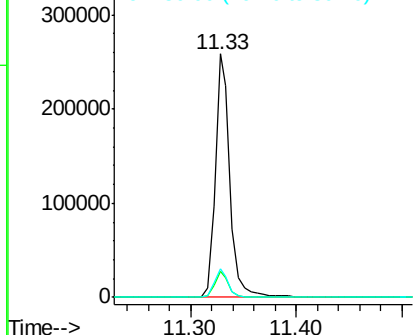
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104862.D
Acq: 27 Apr 2018 5:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 253410
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.6 9.2 13.8

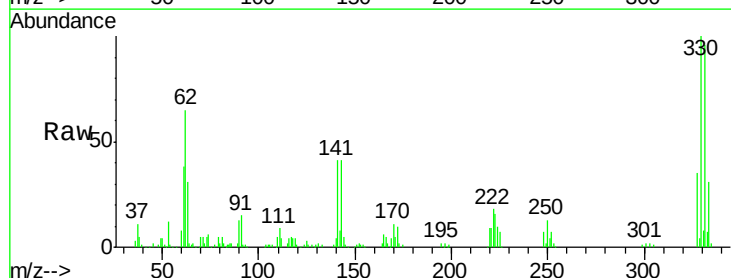


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

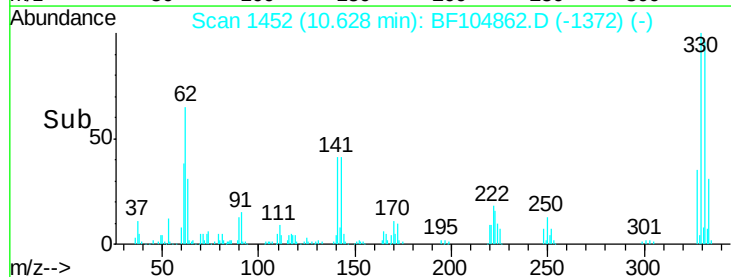
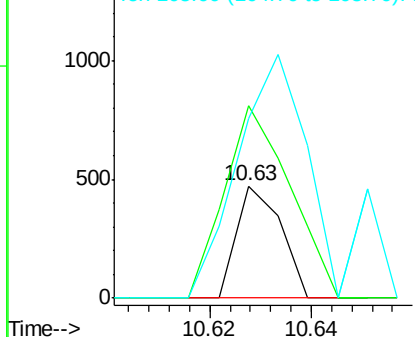


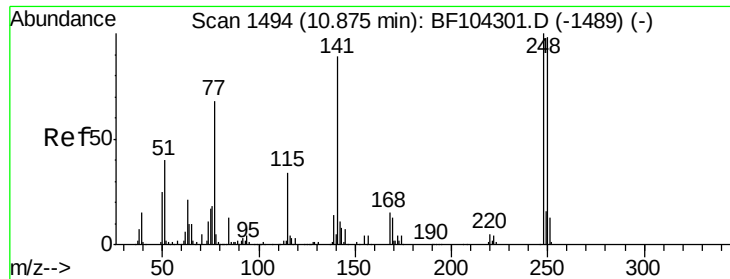
#64
4,6-Dinitro-2-methylphenol
Concen: 7.546 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.17 min
Lab File: BF104862.D
Acq: 27 Apr 2018 5:11

Tgt Ion:198 Resp: 290
Ion Ratio Lower Upper
198 100
51 171.2 37.7 77.7#
105 160.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

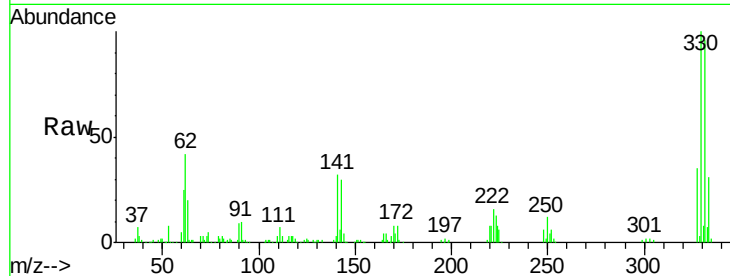




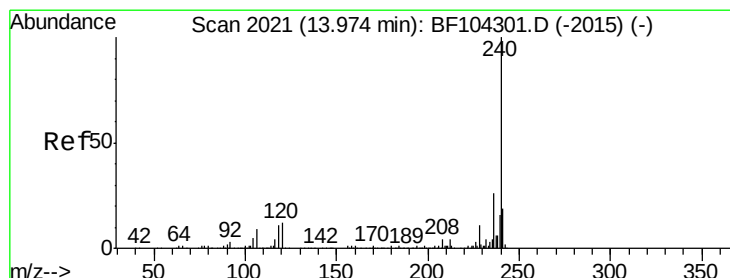
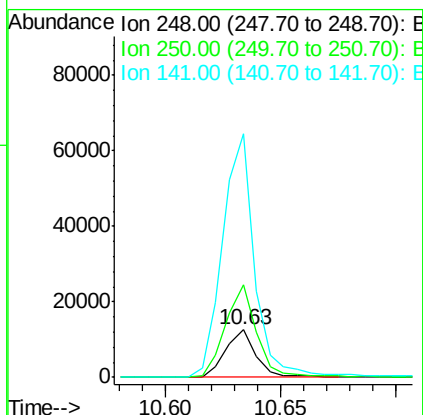
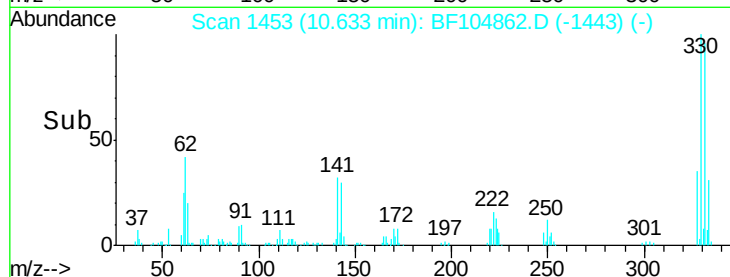
#66
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104862.D
Acq: 27 Apr 2018 5:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11424
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 513.0 74.4 111.6#

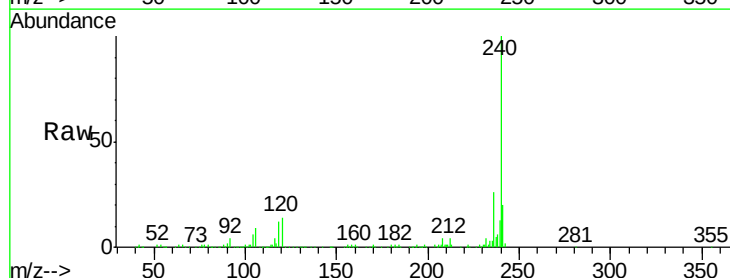


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

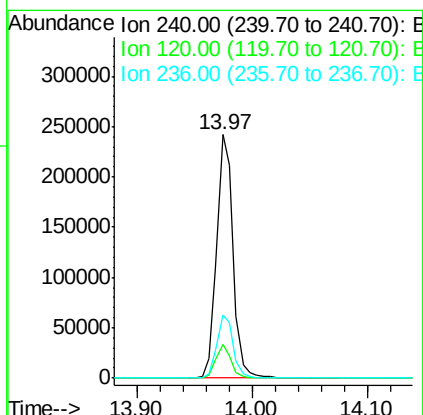
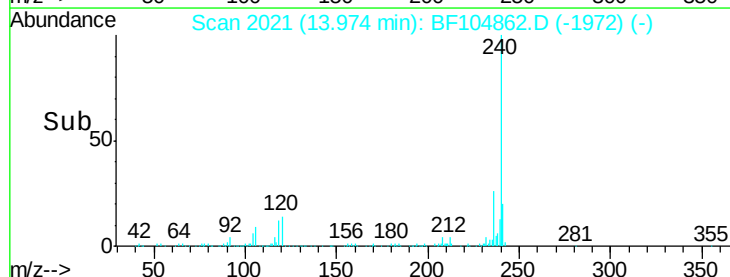


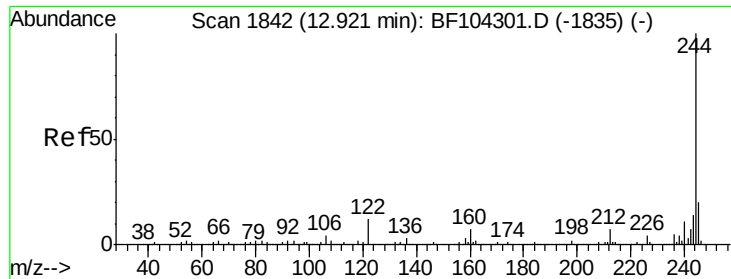
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104862.D
Acq: 27 Apr 2018 5:11

Tgt Ion:240 Resp: 237777
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.1 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

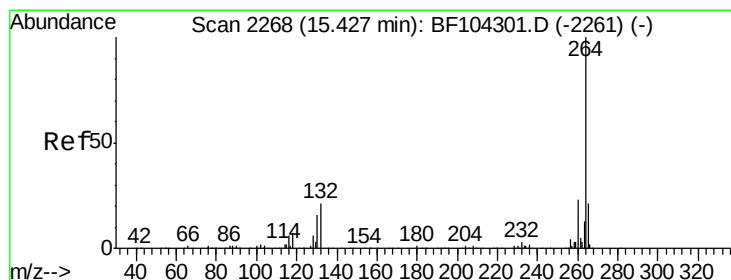
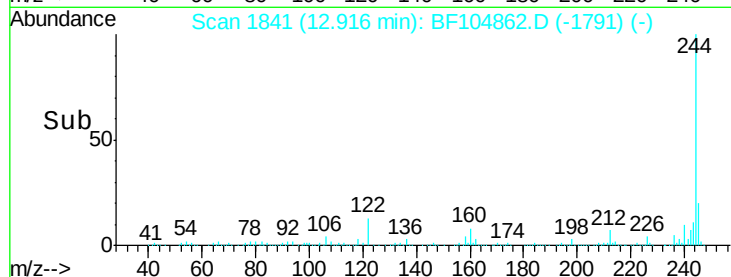
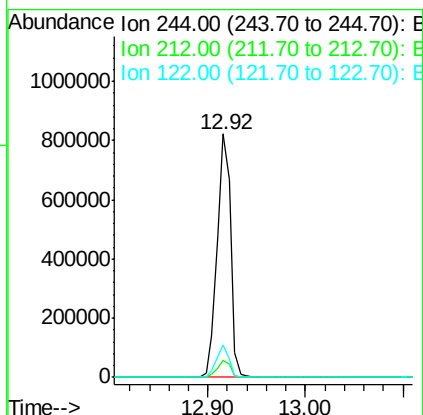
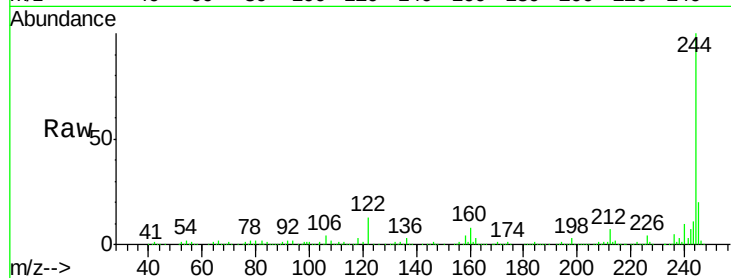




#78
 Terphenyl-d14
 Concen: 75.493 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104862.D
 Acq: 27 Apr 2018 5:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 787362
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF104862.D
 Acq: 27 Apr 2018 5:11

Tgt Ion:264 Resp: 168442
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.3 17.5 26.3

