

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104520.D
 Acq On : 14 Apr 2018 12:00
 Operator : JU/SJ
 Sample : J2368-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 00:43:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

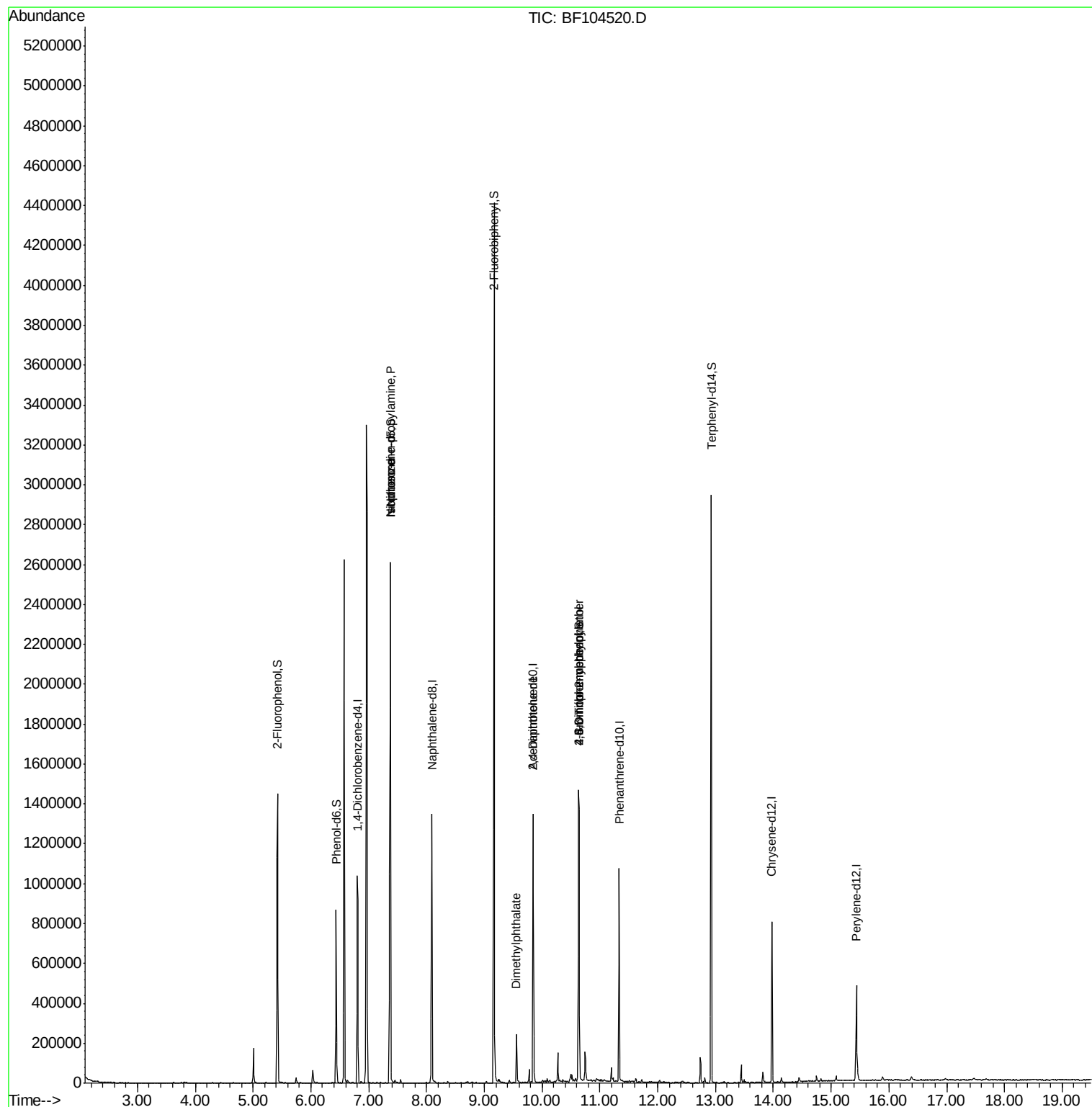
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	151535	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	603094	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	252492	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	355415	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	280834	20.00	ng	-0.01
86) Perylene-d12	15.44	264	214232	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	395858	39.94	ng	0.00
7) Phenol-d6	6.43	99	295627	24.28	ng	-0.01
23) Nitrobenzene-d5	7.37	82	932551	100.97	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	186372	71.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1483932	92.84	ng	0.00
78) Terphenyl-d14	12.93	244	1040044	84.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	122590	15.407	ng	# 74
25) Isophorone	7.37	82	932544	47.747	ng	# 64
49) Dimethylphthalate	9.56	163	103064	5.176	ng	# 99
56) 2,4-Dinitrotoluene	9.85	165	31517	6.522	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	366	7.526	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	11515	3.046	ng	# 1
76) Benizidine	12.93	184	13614	Below Cal		# 97

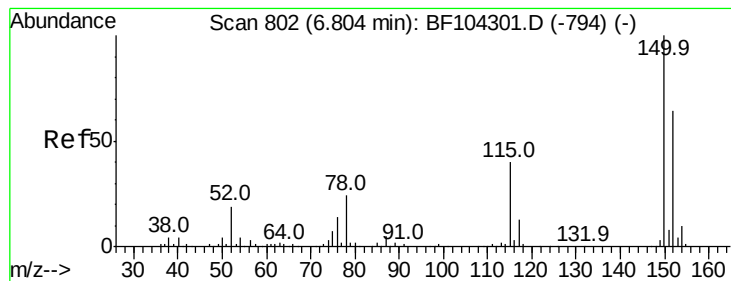
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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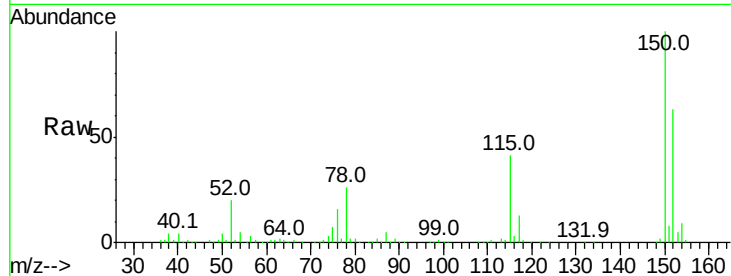


#1

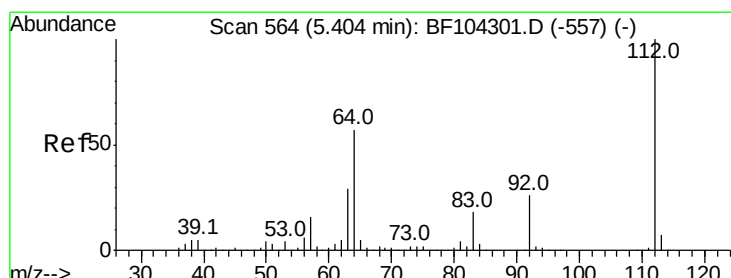
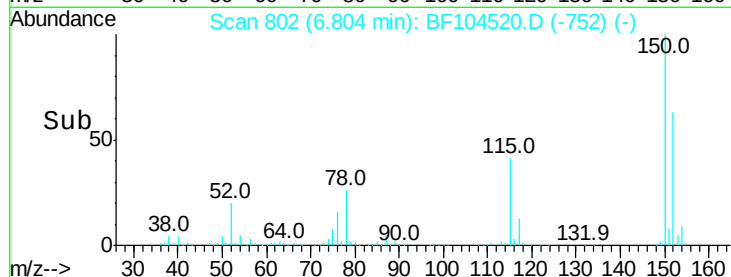
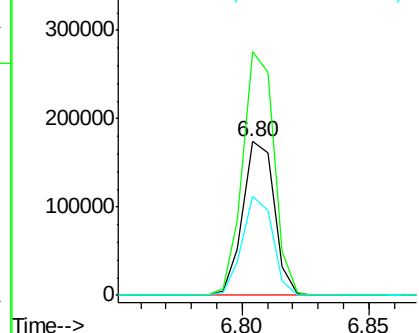
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151535
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 64.5 50.1 75.1



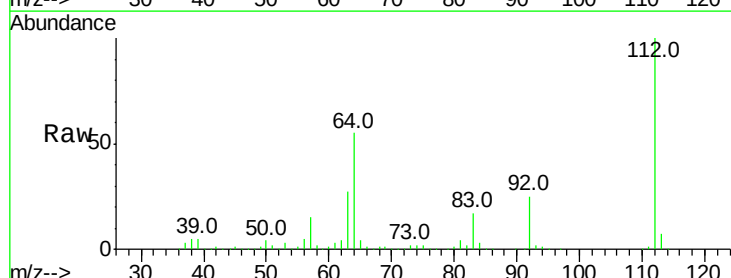
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



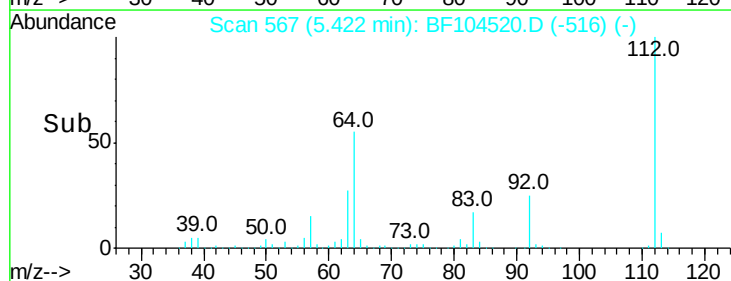
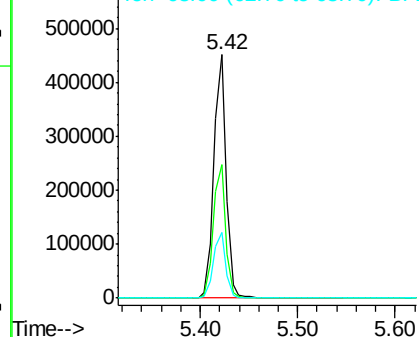
#5

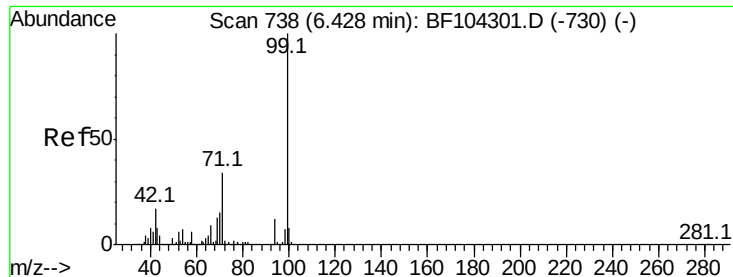
2-Fluorophenol
Concen: 39.944 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:112 Resp: 395858
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.0 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: 24.278 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

Instrument :

BNA_F

ClientSampled :

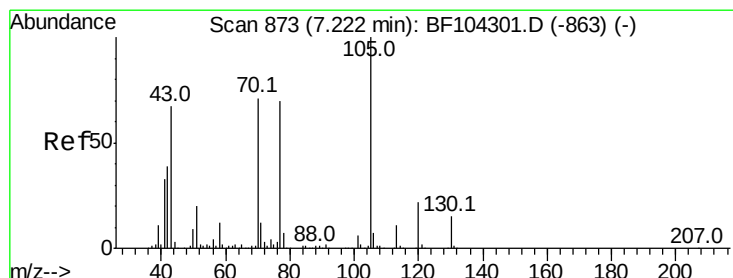
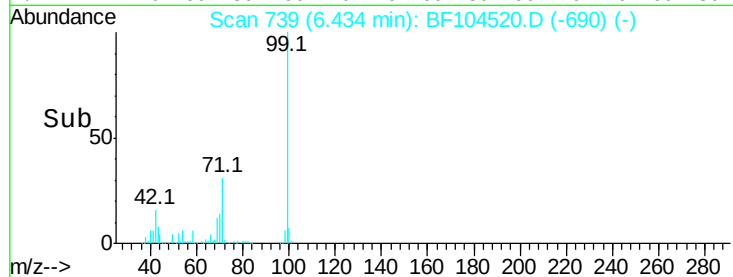
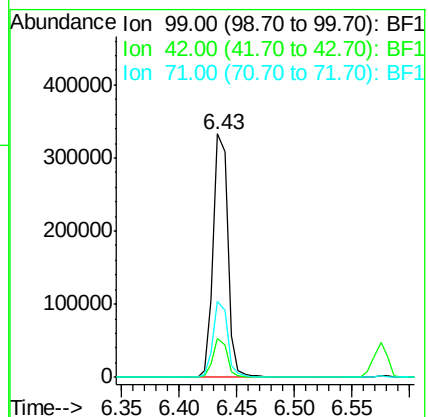
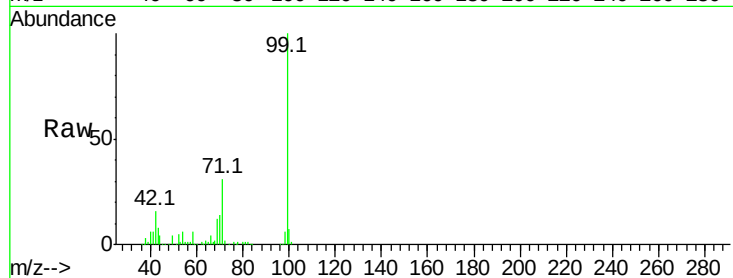
Tot Ion: 99 Resp: 295627

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.407 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

Tgt Ion: 70 Resp: 122590

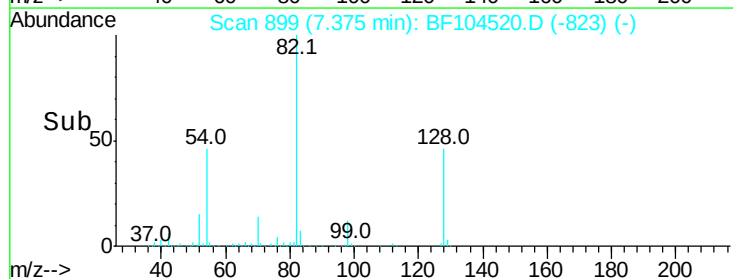
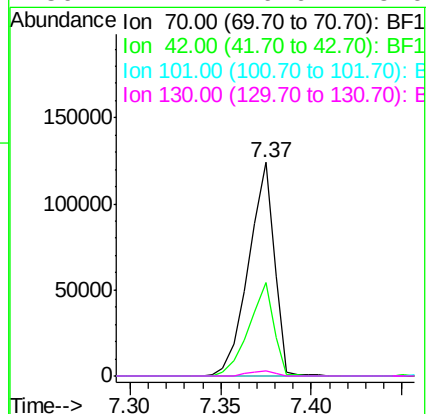
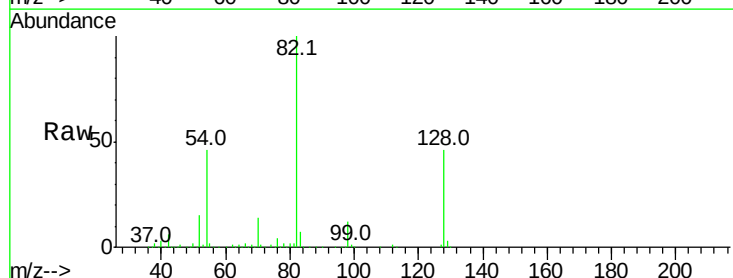
Ion Ratio Lower Upper

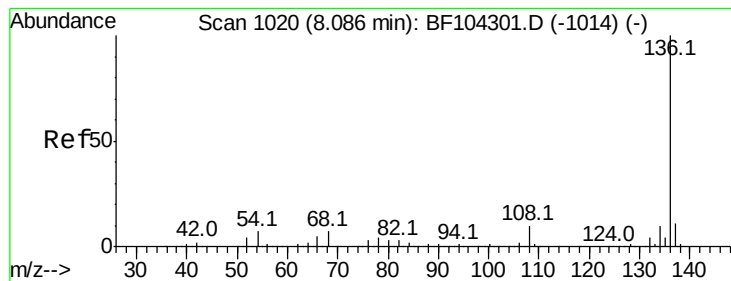
70 100

42 43.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 603094

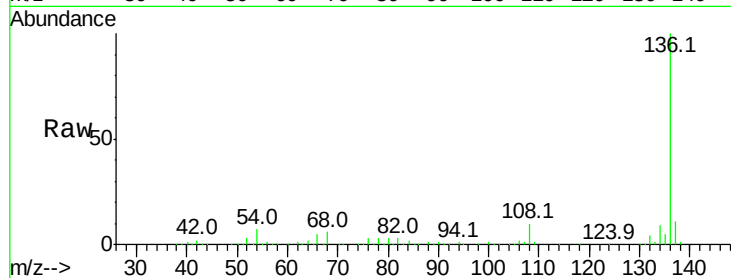
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

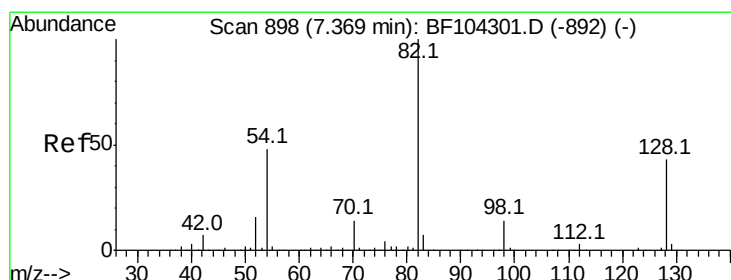
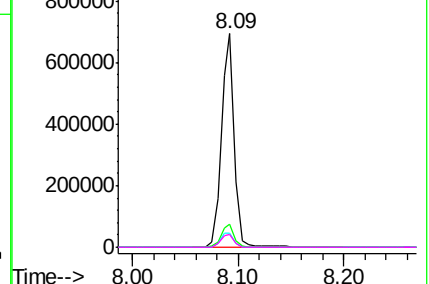
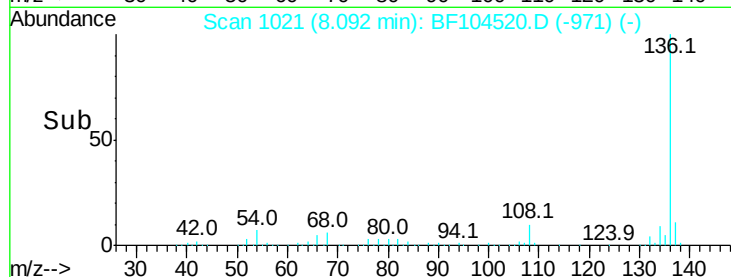


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.969 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

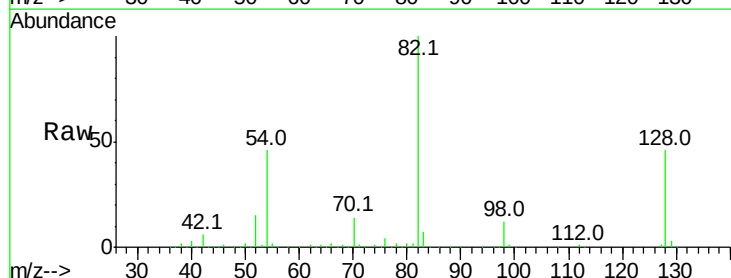
Tgt Ion: 82 Resp: 932551

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

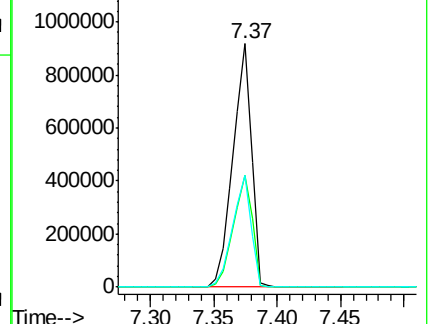
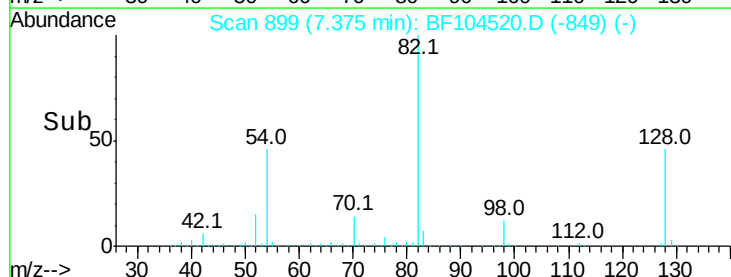
54 46.1 41.4 62.2

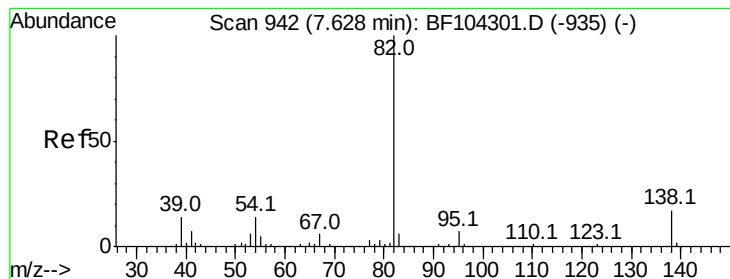


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.747 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

Instrument :

BNA_F

ClientSampled :

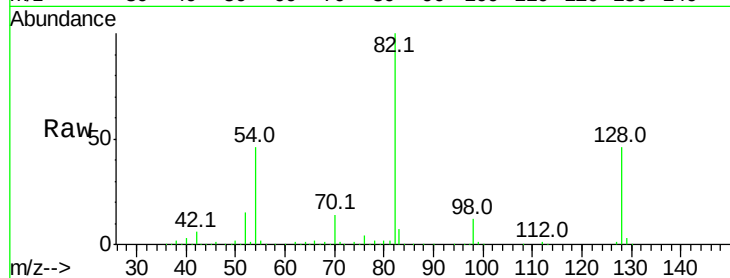
Tot Ion: 82 Resp: 932544

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

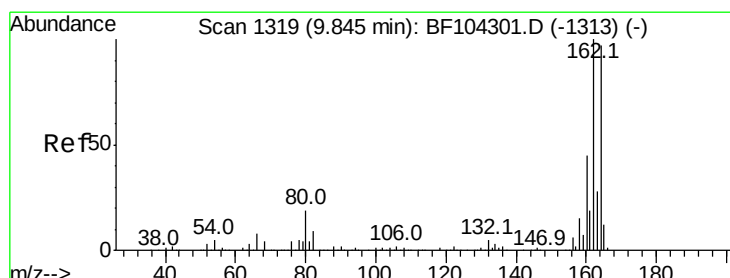
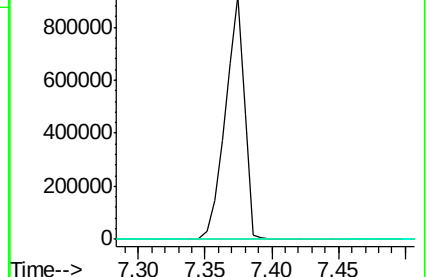
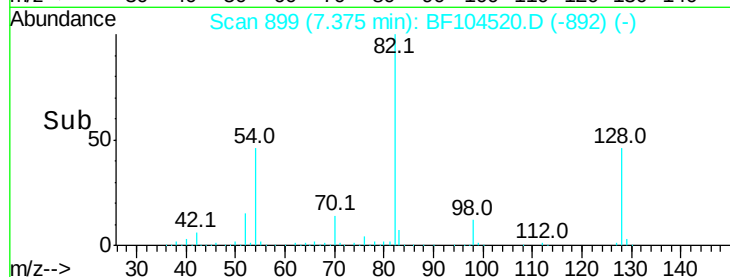
138 0.0 14.9 22.3#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

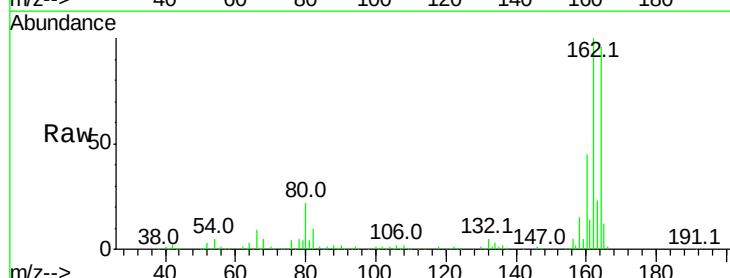
Tgt Ion:164 Resp: 252492

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

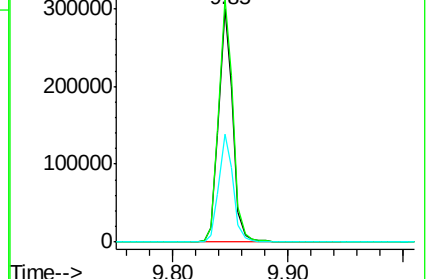
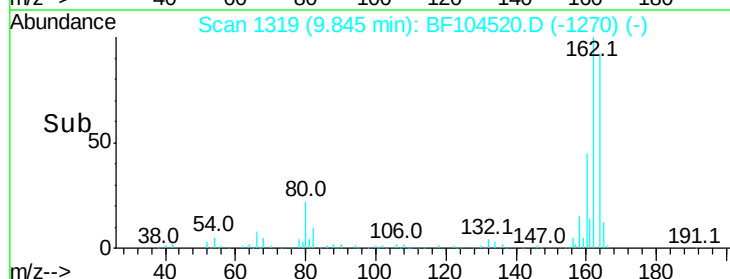
160 46.5 38.3 57.5

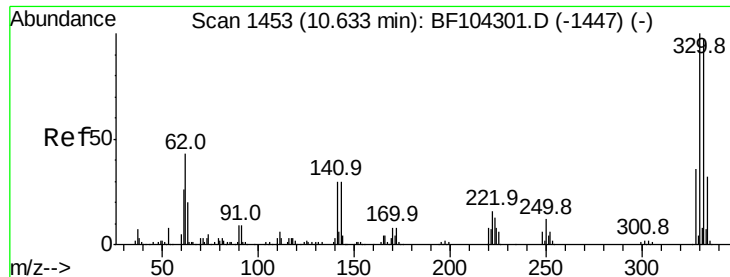


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

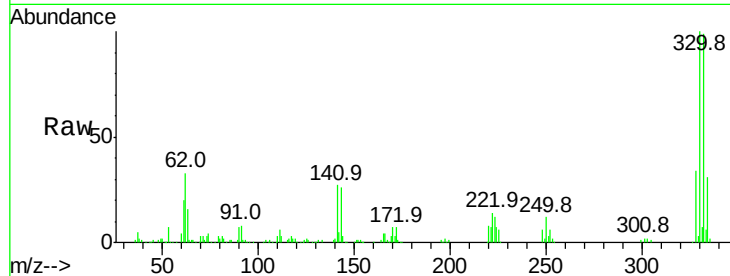




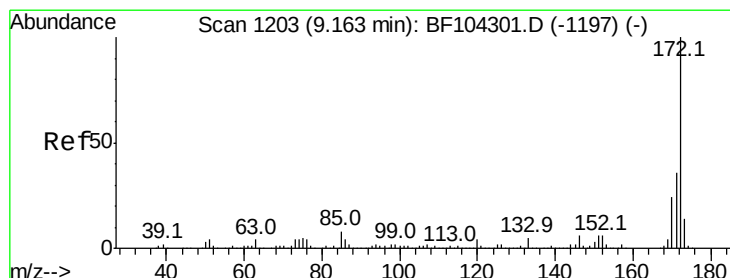
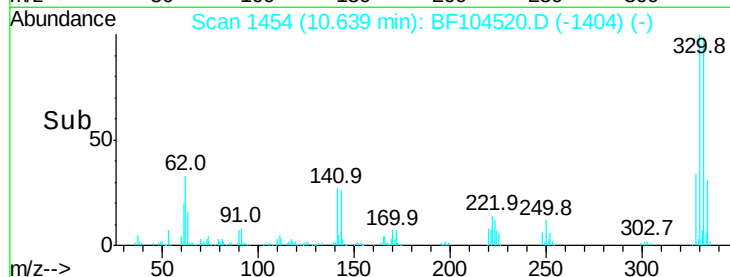
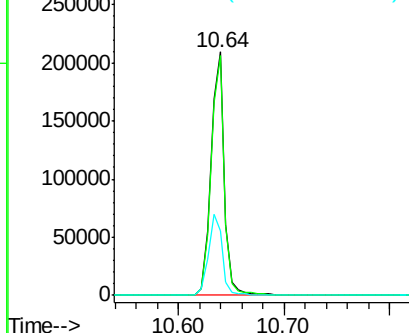
#41
 2,4,6-Tribromophenol
 Concen: 71.157 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104520.D
 Acq: 14 Apr 2018 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	34.6	29.9	44.9

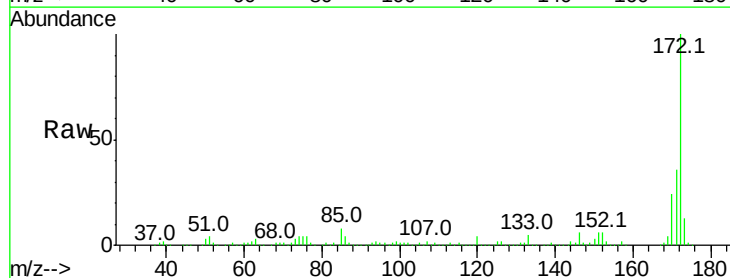


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

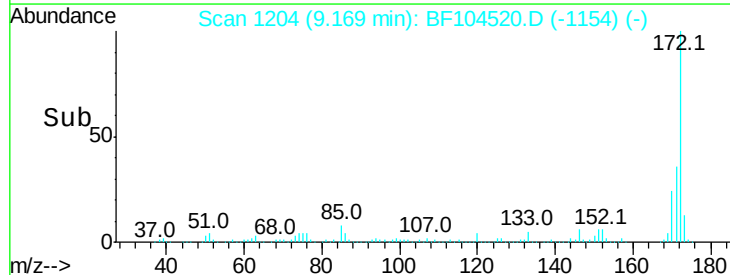
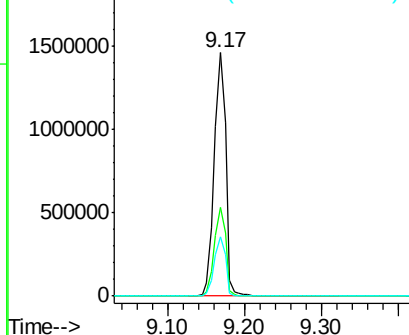


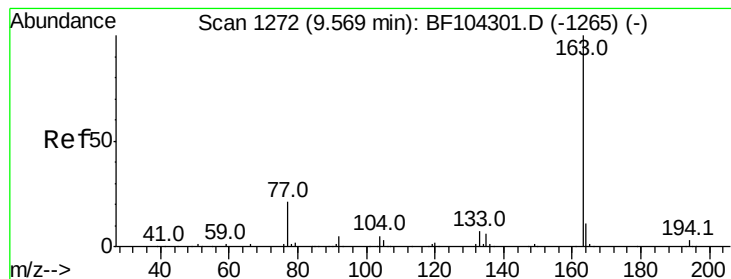
#44
 2-Fluorobiphenyl
 Concen: 92.844 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104520.D
 Acq: 14 Apr 2018 12:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	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: 5.176 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

Instrument :

BNA_F

ClientSampleId :

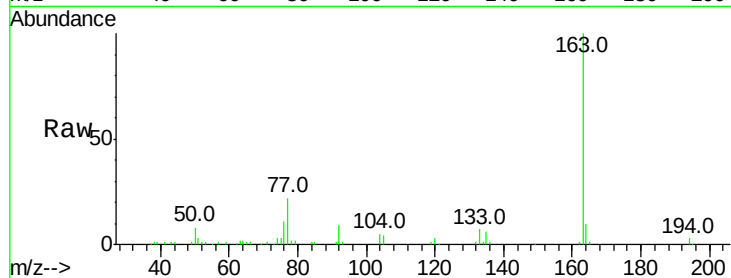
Tot Ion:163 Resp: 103064

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

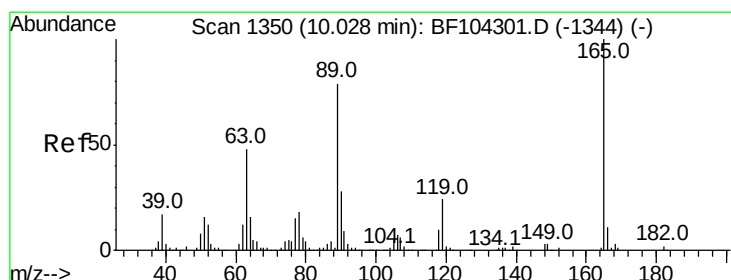
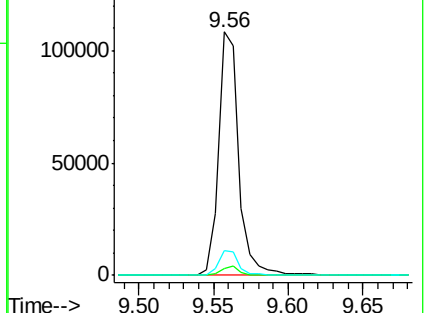
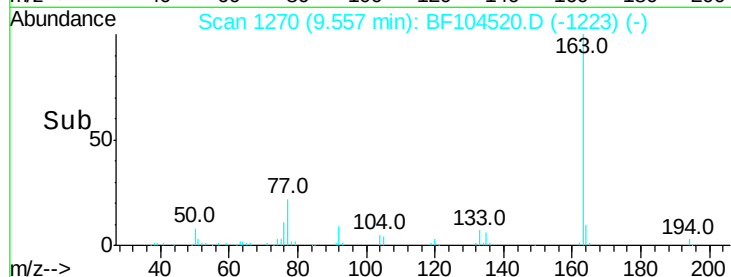
164 10.3 8.2 12.2



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: 6.522 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

Lab File: BF104520.D

Acq: 14 Apr 2018 12:00

Tgt Ion:165 Resp: 31517

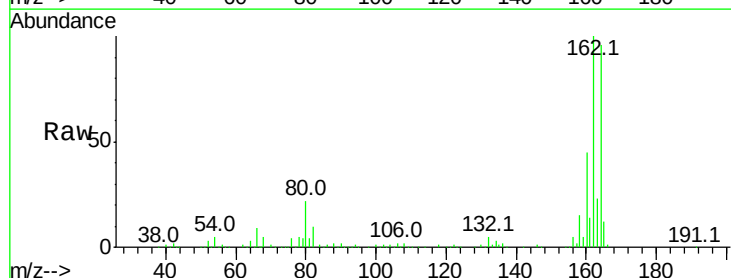
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

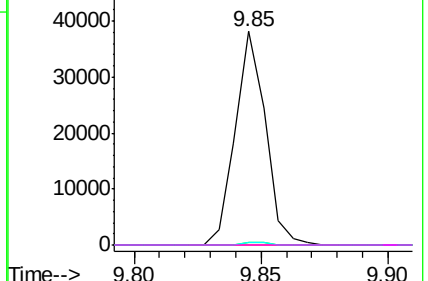
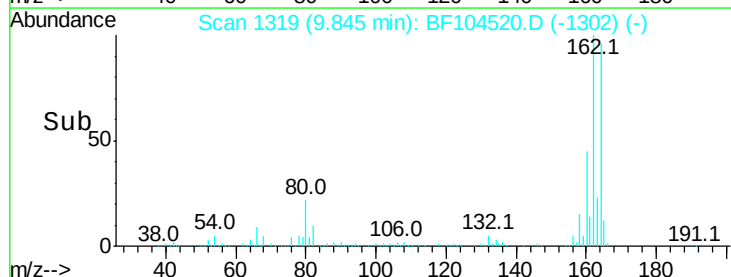


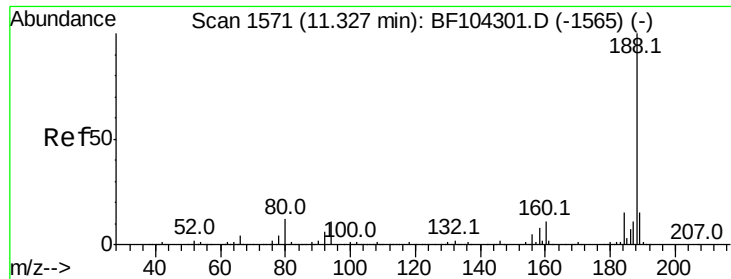
Abundance Ion 165.00 (164.70 to 165.70): E

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

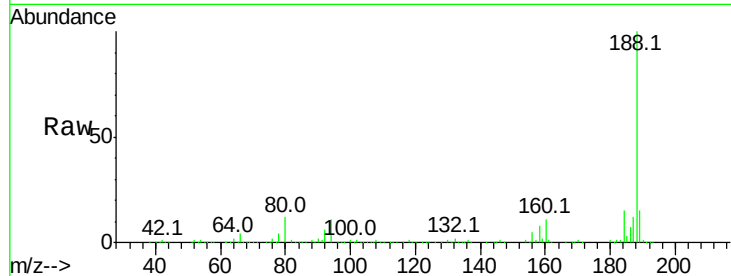




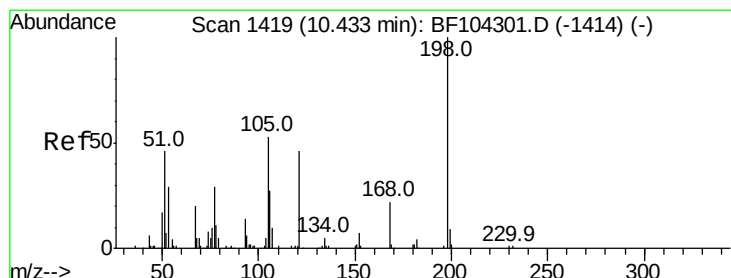
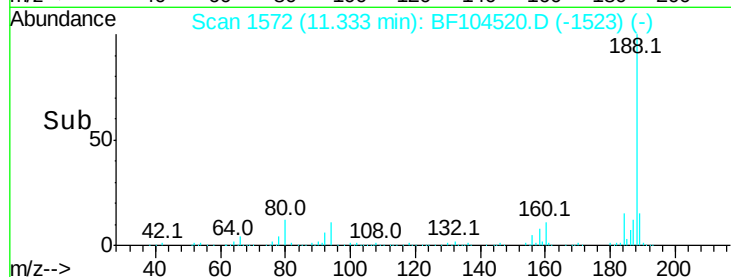
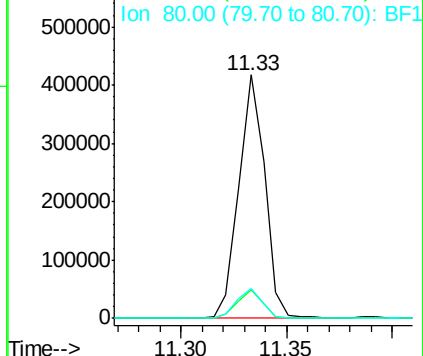
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 355415
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.1 9.2 13.8

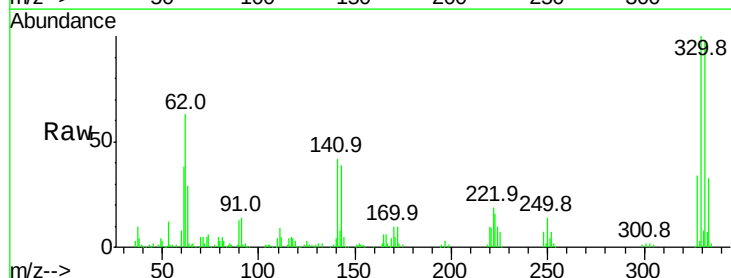


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

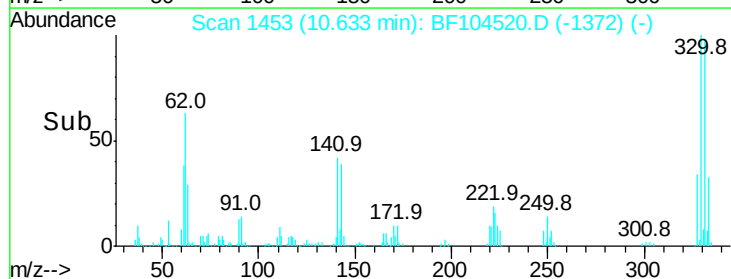
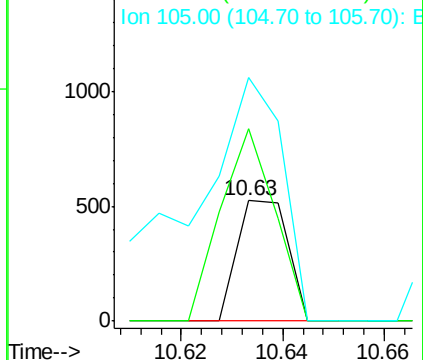


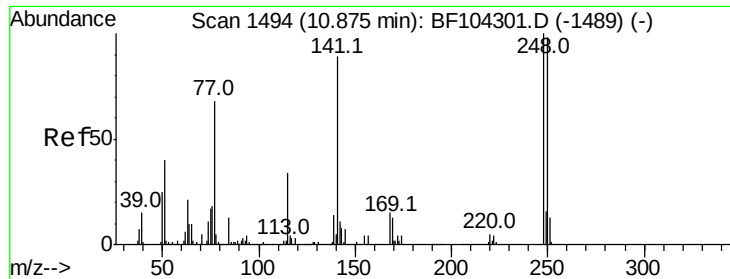
#64
4,6-Dinitro-2-methylphenol
Concen: 7.526 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:198 Resp: 366
Ion Ratio Lower Upper
198 100
51 159.5 37.7 77.7#
105 202.3 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

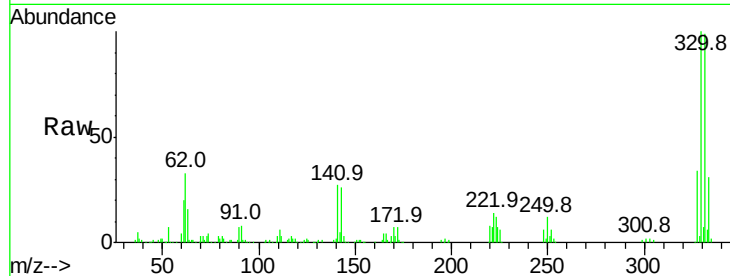




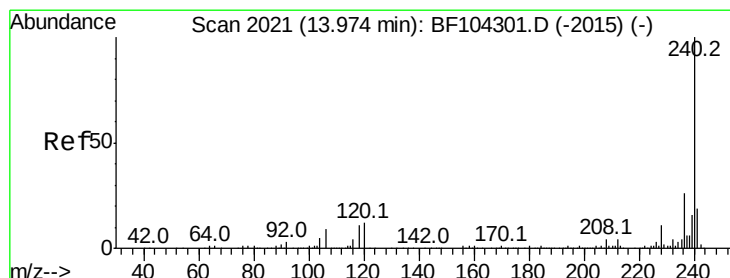
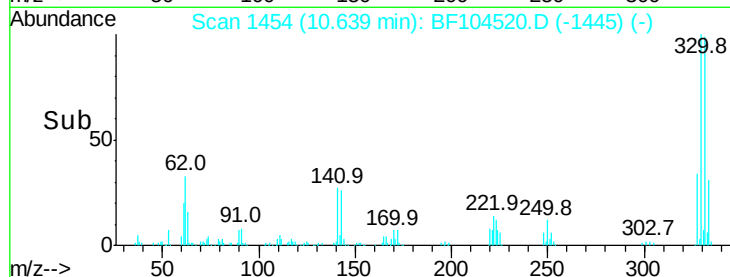
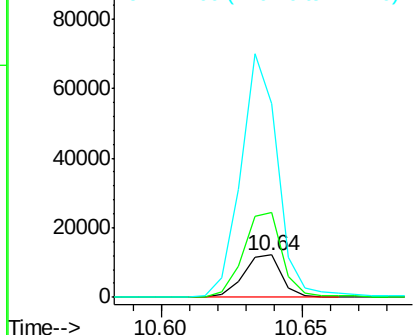
#66
 4-Bromophenyl-phenylether
 Concen: 3.046 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF104520.D
 Acq: 14 Apr 2018 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11515
 Ion Ratio Lower Upper
 248 100
 250 199.5 76.9 115.3#
 141 457.0 74.4 111.6#

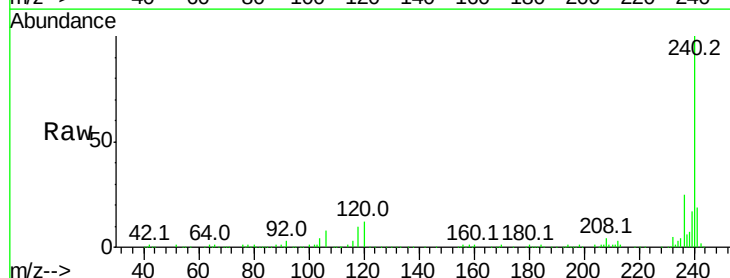


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

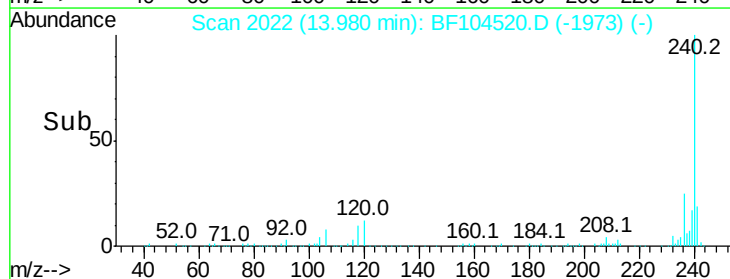
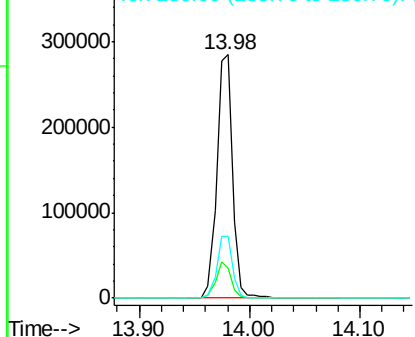


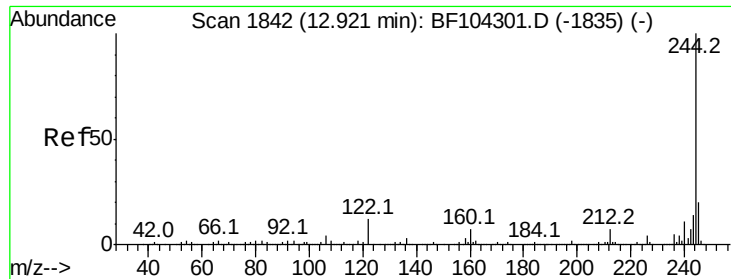
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104520.D
 Acq: 14 Apr 2018 12:00

Tgt Ion:240 Resp: 280834
 Ion Ratio Lower Upper
 240 100
 120 12.5 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

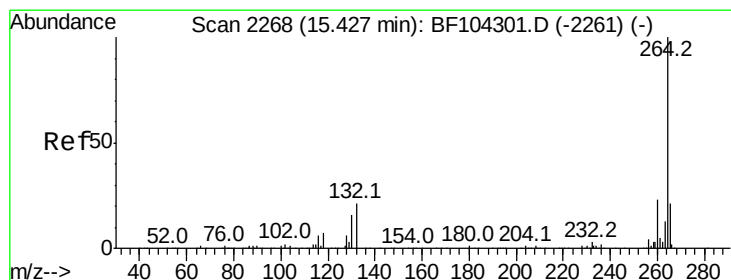
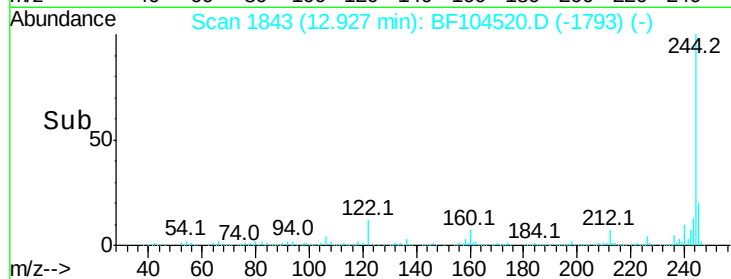
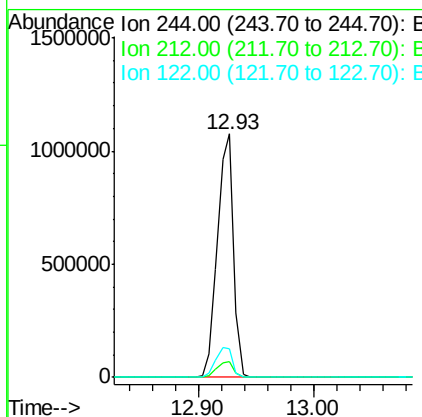
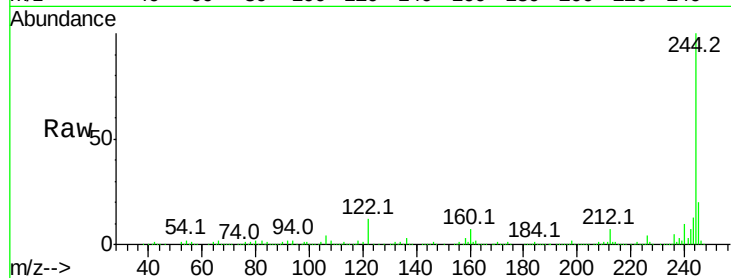




#78
 Terphenyl-d14
 Concen: 84.431 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104520.D
 Acq: 14 Apr 2018 12:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1040044
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.0 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: BF104520.D
 Acq: 14 Apr 2018 12:00

Tgt Ion:264 Resp: 214232
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 17.5 26.3

