

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104971.D
 Acq On : 1 May 2018 9:08
 Operator : JU/SJ
 Sample : J2617-14
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 11:18:36 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

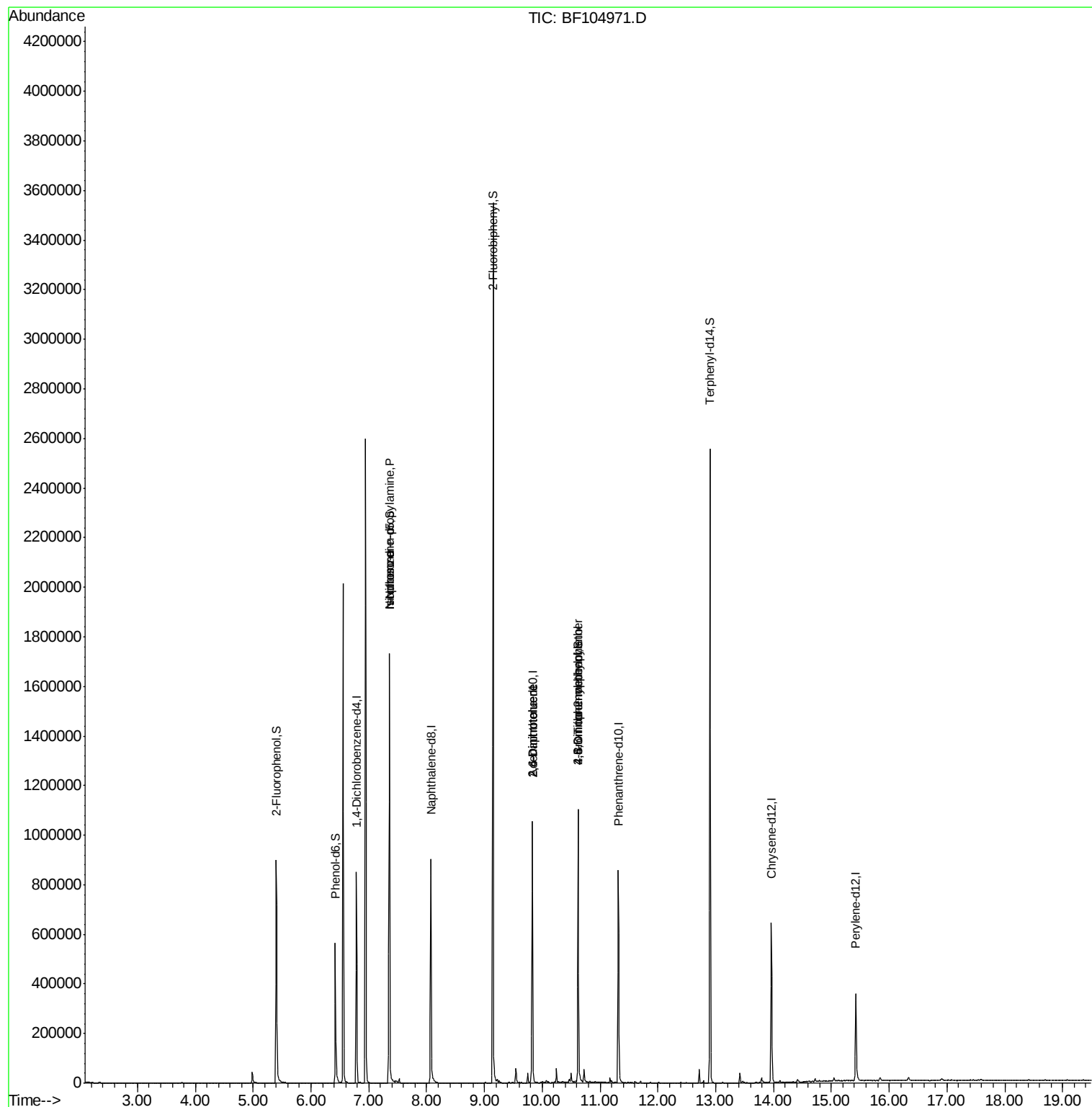
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121749	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	499473	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	212715	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	334958	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	233878	20.00	ng	-0.01
86) Perylene-d12	15.42	264	185224	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	295517	37.11	ng	0.00
7) Phenol-d6	6.42	99	218710	22.36	ng	-0.02
23) Nitrobenzene-d5	7.36	82	682164	89.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	160994	72.96	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1158956	86.07	ng	0.00
78) Terphenyl-d14	12.90	244	876447	85.44	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	86617	13.549	ng	# 73
25) Isophorone	7.36	82	682217	42.177	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	26374	8.497	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	26374	6.478	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	126	7.412	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	9747	2.736	ng	# 1
76) Benizidine	12.90	184	10821	Below Cal		# 94

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

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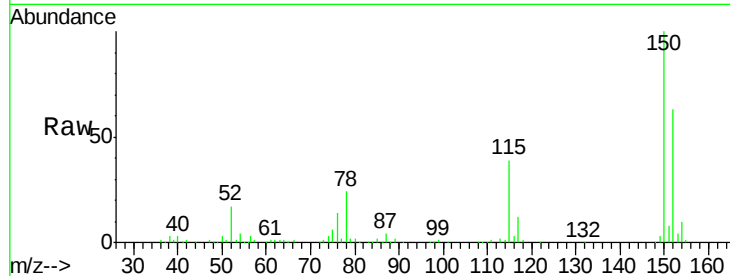


#1

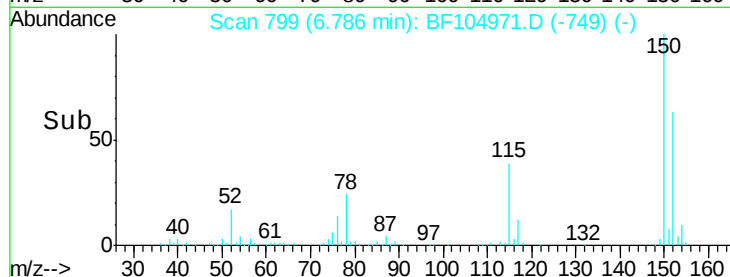
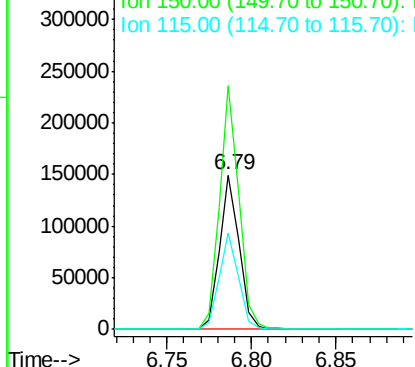
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF104971.D
 Acq: 1 May 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 121749
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 62.3 50.1 75.1



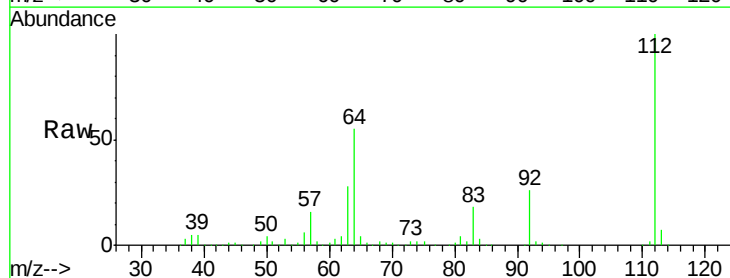
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



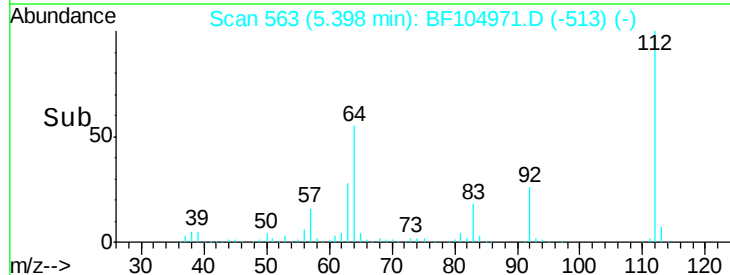
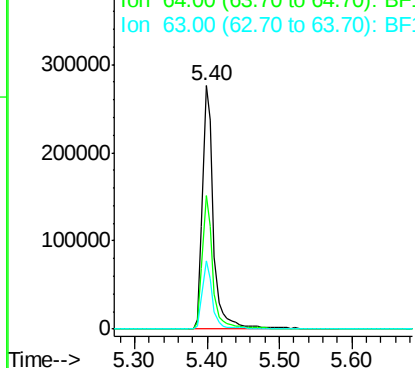
#5

2-Fluorophenol
 Concen: 37.114 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF104971.D
 Acq: 1 May 2018 9:08

Tgt Ion:112 Resp: 295517
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 28.2 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: 22.356 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

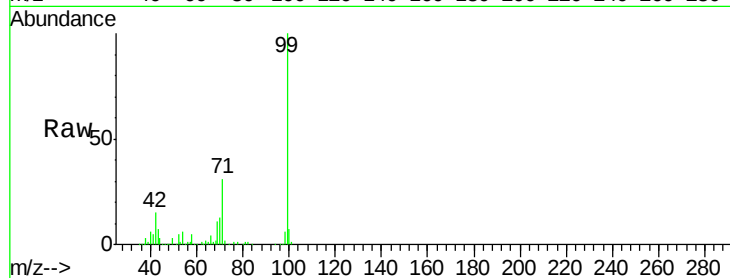
Tot Ion: 99 Resp: 218710

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

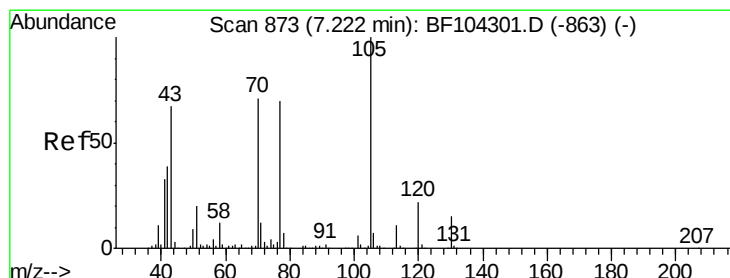
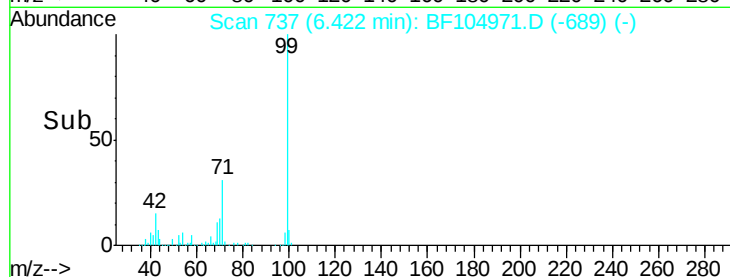
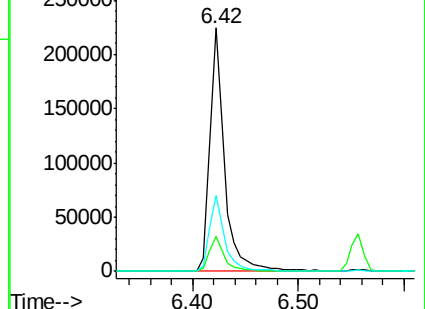
71 31.2 25.4 38.0



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: 13.549 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Tgt Ion: 70 Resp: 86617

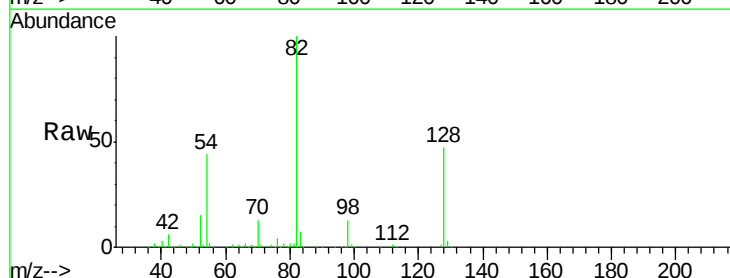
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

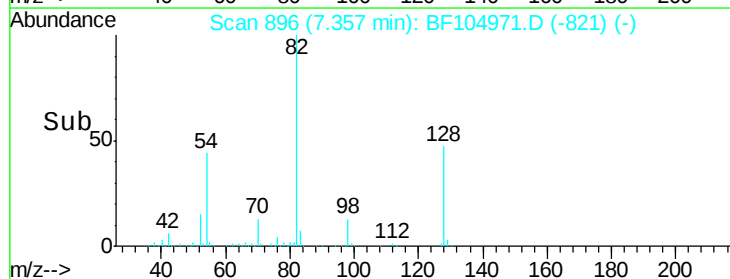
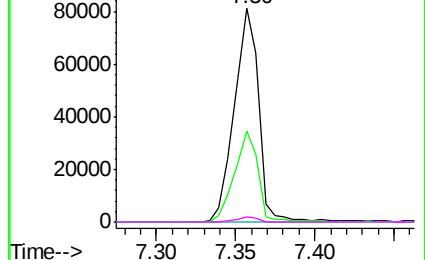


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104971.D

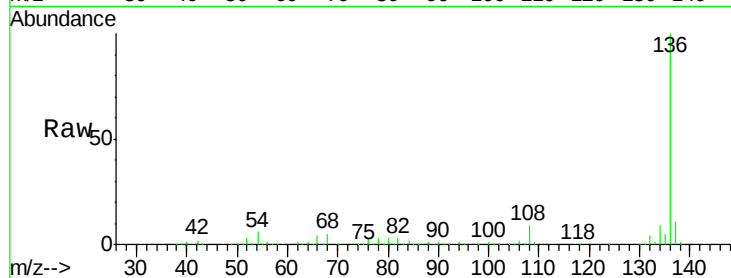
Acq: 1 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	499473
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	5.7	6.6 9.8#
68	5.2	5.0 7.4

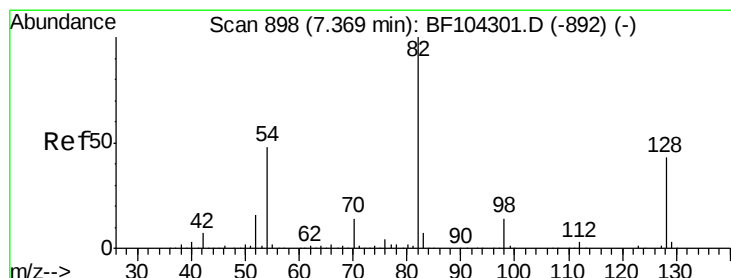
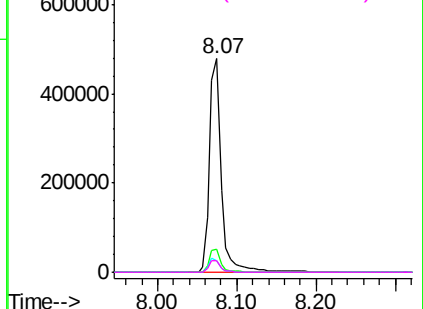
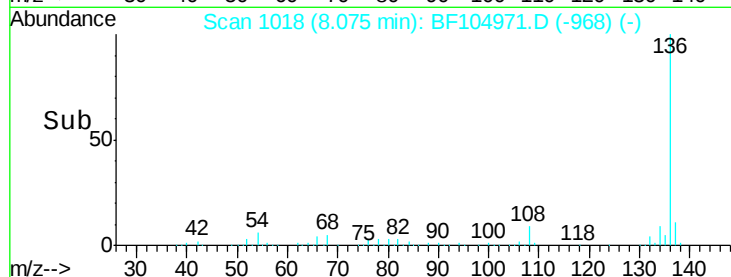


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.182 ng

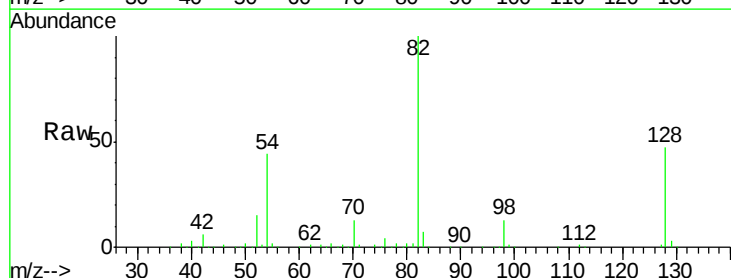
RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

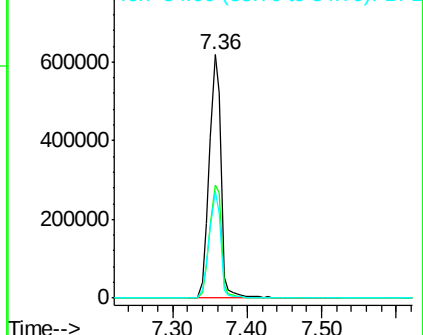
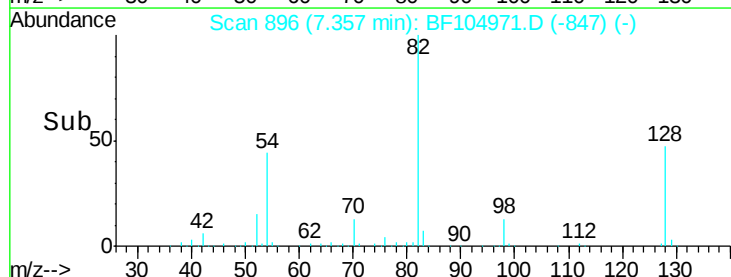
Tgt Ion: 82	Resp:	682164
Ion Ratio	Lower	Upper
82	100	
128	46.6	36.1 54.1
54	44.0	41.4 62.2



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: 42.177 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

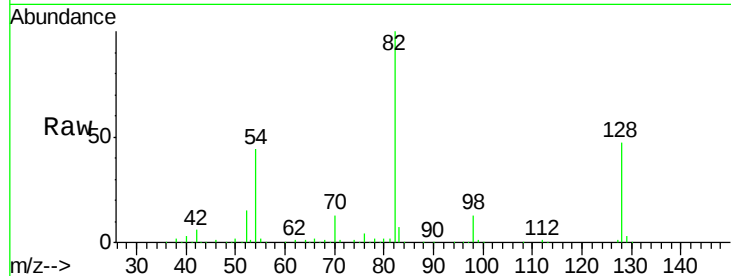
Tot Ion: 82 Resp: 682217

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

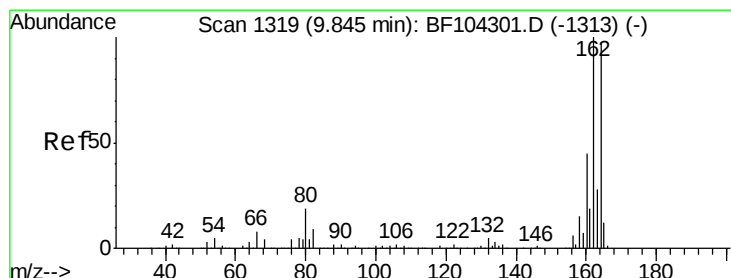
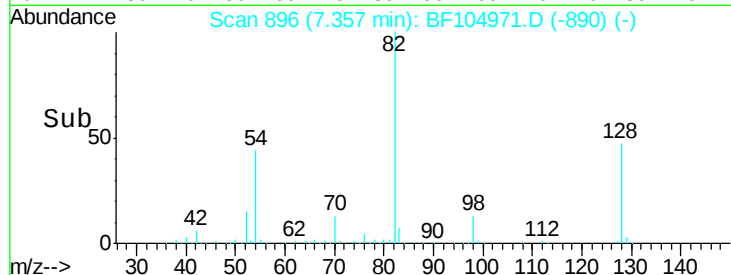
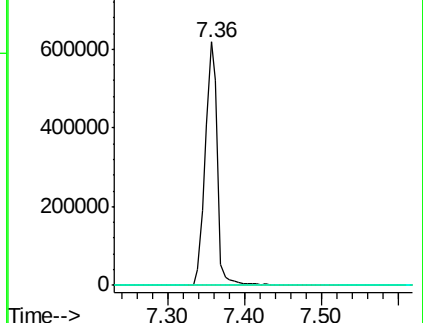
138 0.0 14.9 22.3#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

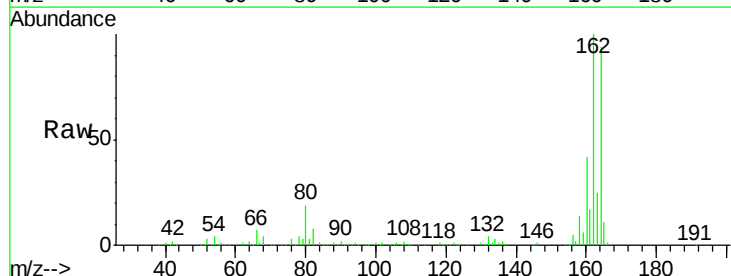
Tgt Ion: 164 Resp: 212715

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

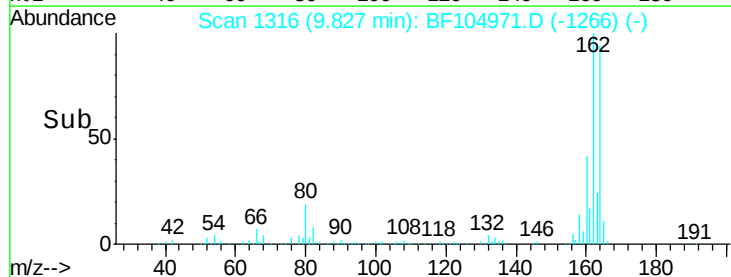
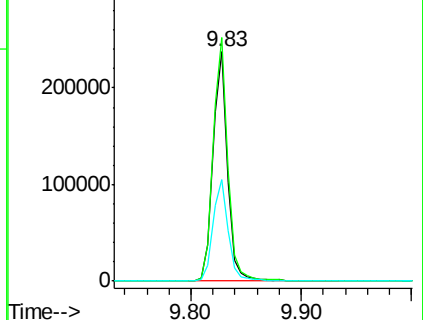
160 44.5 38.3 57.5



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

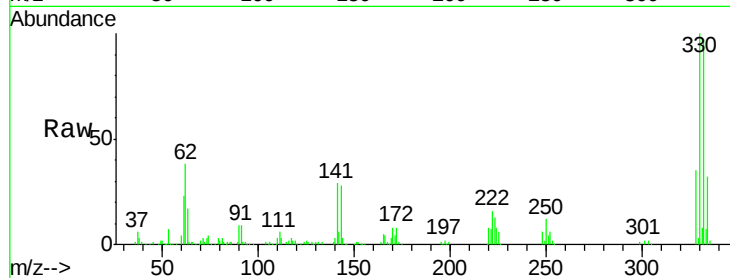




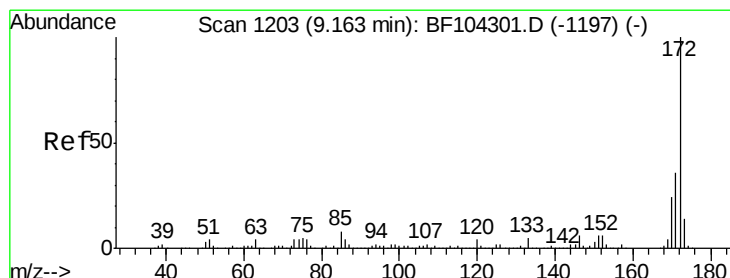
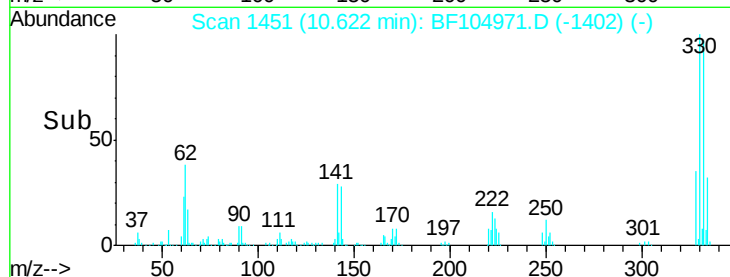
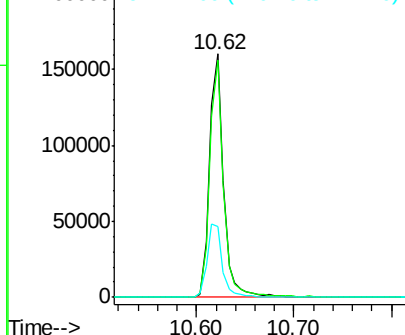
#41
 2,4,6-Tribromophenol
 Concen: 72.962 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104971.D
 Acq: 1 May 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 160994
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 32.6 29.9 44.9

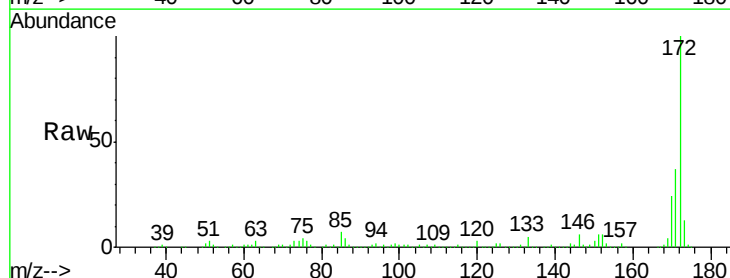


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

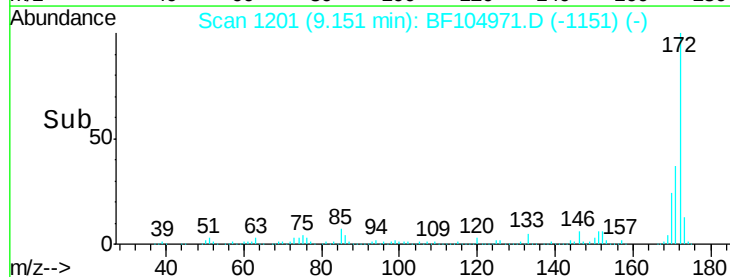
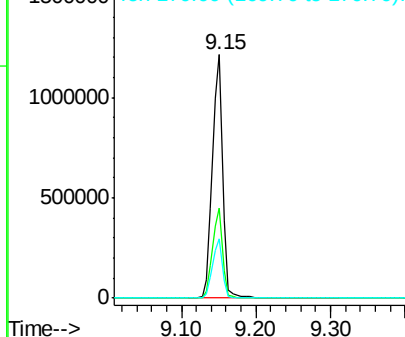


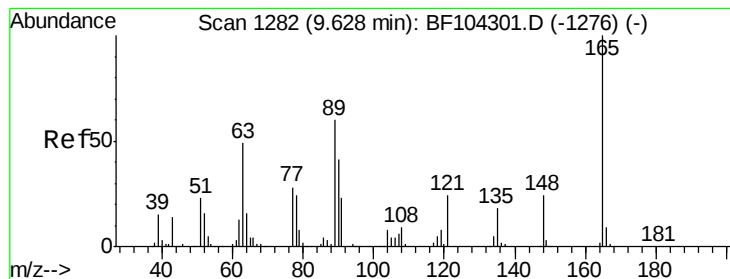
#44
 2-Fluorobiphenyl
 Concen: 86.071 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104971.D
 Acq: 1 May 2018 9:08

Tgt Ion:172 Resp: 1158956
 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: 8.497 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.19 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

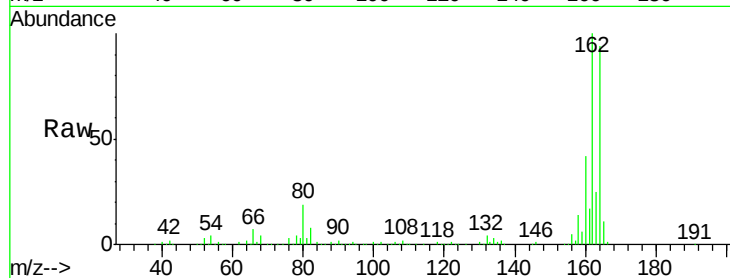
Tot Ion:165 Resp: 26374

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

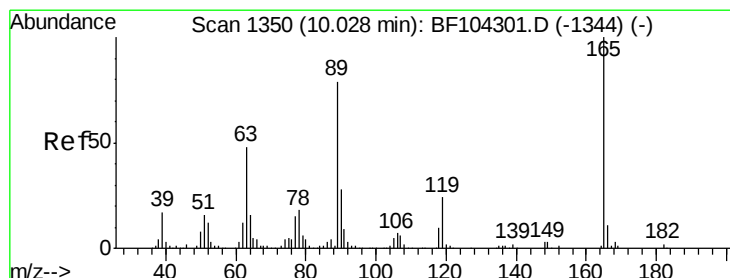
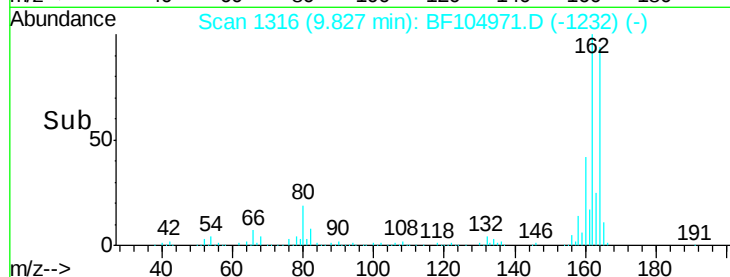
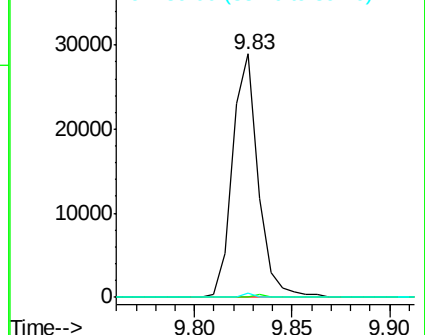
89 1.6 44.0 66.0#



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: 6.478 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Tgt Ion:165 Resp: 26374

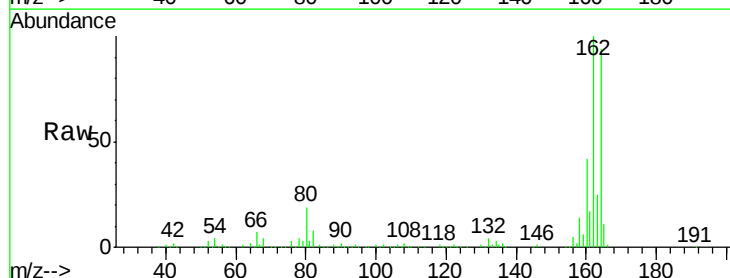
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

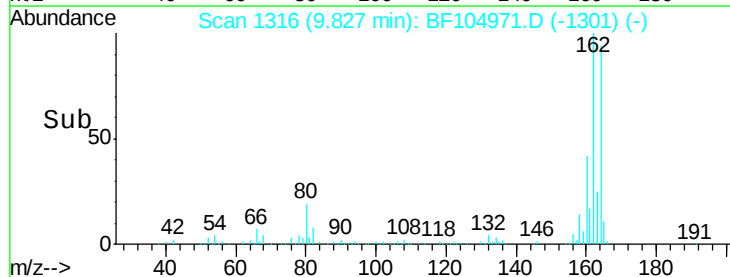
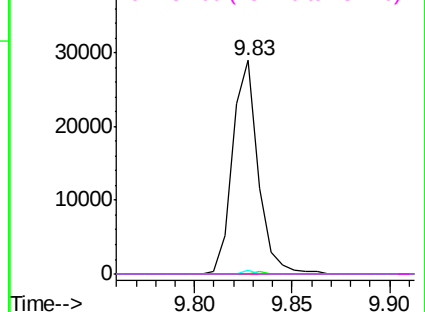


Abundance Ion 165.00 (164.70 to 165.70): E

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

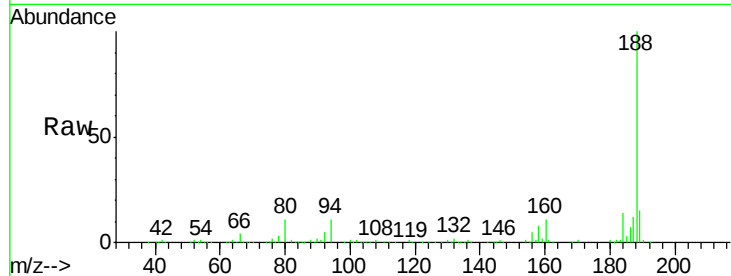




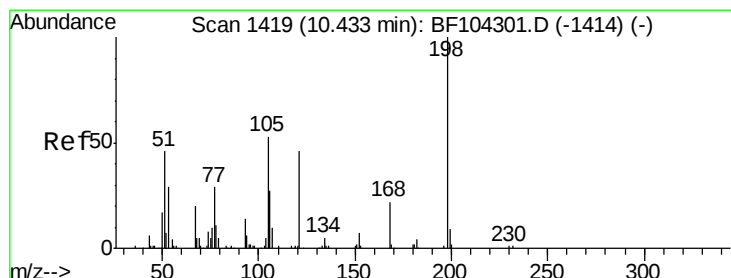
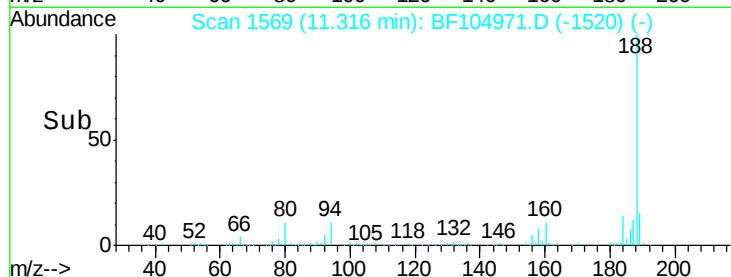
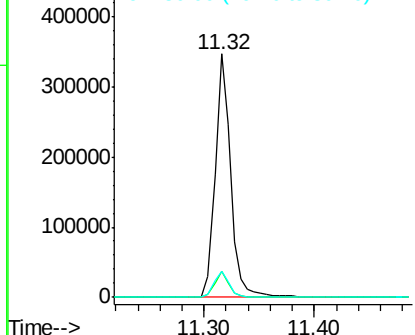
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104971.D
Acq: 1 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 334958
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 9.2 13.8

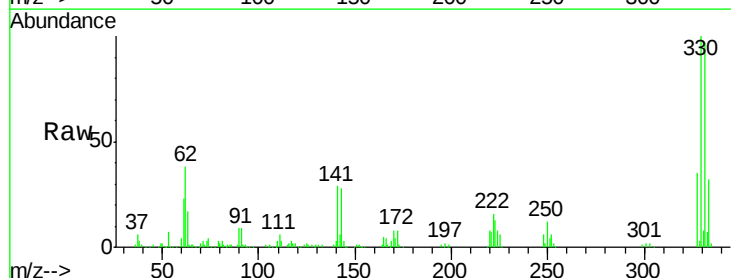


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

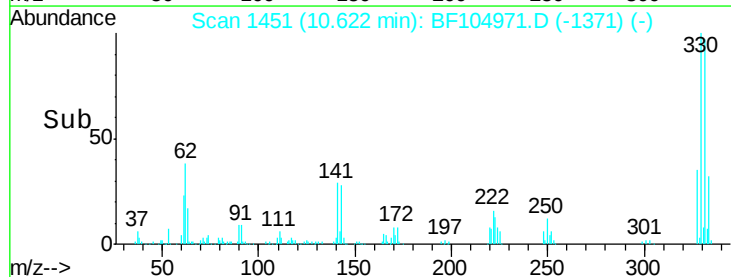
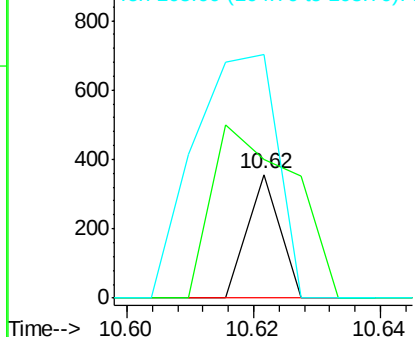


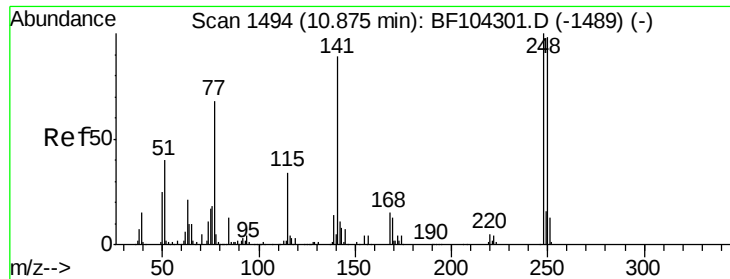
#64
4,6-Dinitro-2-methylphenol
Concen: 7.412 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF104971.D
Acq: 1 May 2018 9:08

Tgt Ion:198 Resp: 126
Ion Ratio Lower Upper
198 100
51 112.1 37.7 77.7#
105 197.2 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

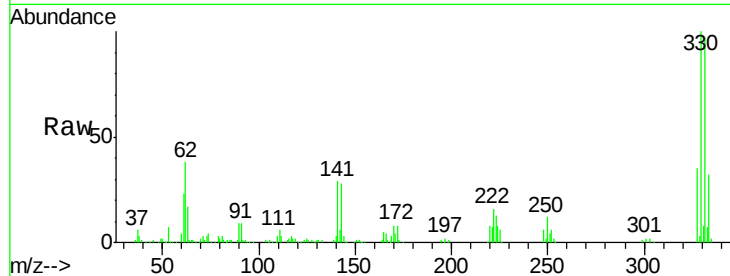




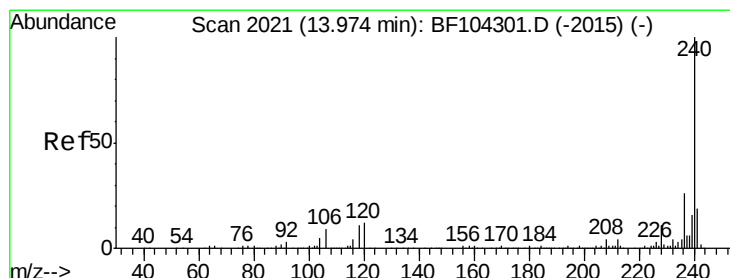
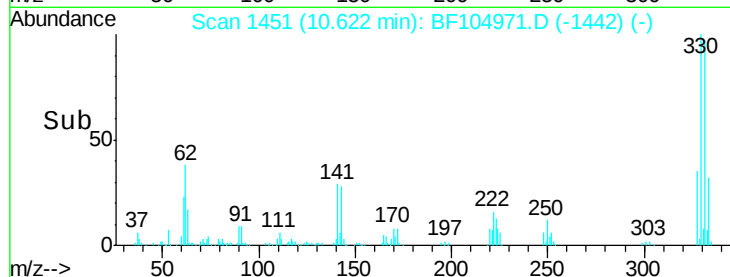
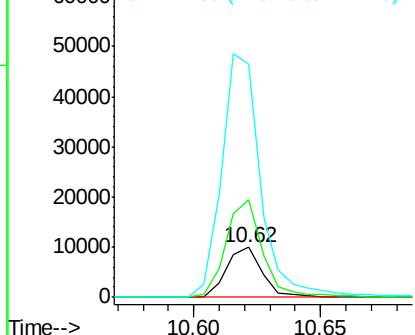
#66
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104971.D
Acq: 1 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9747
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 470.3 74.4 111.6#

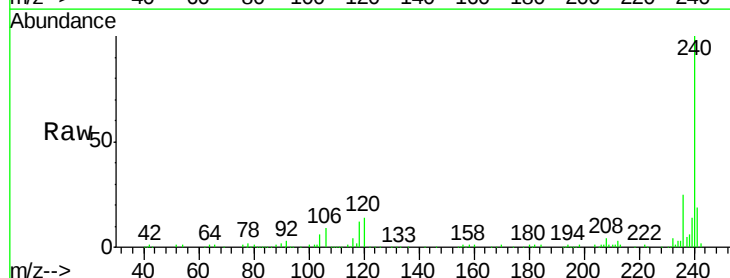


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

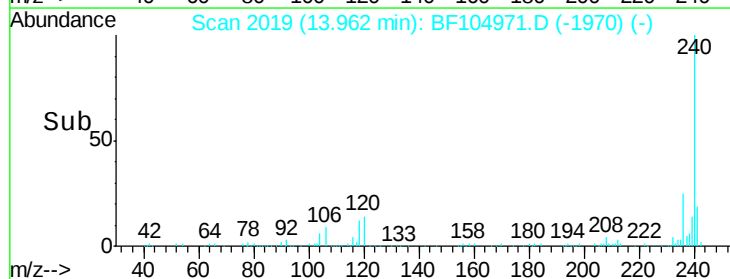
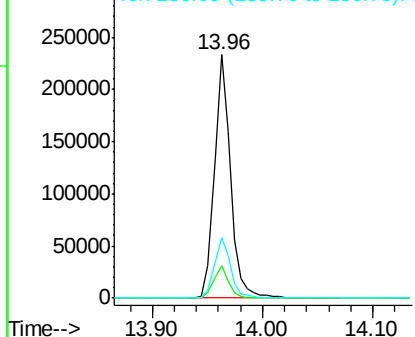


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104971.D
Acq: 1 May 2018 9:08

Tgt Ion:240 Resp: 233878
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 24.9 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: 85.436 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

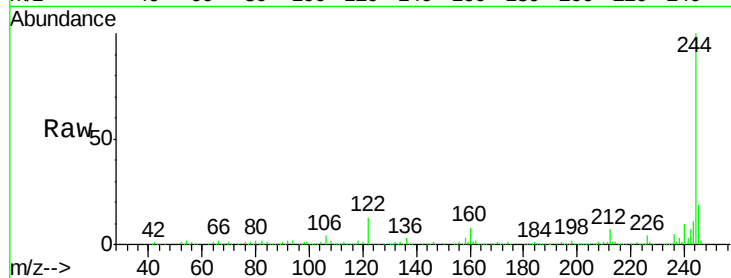
Tot Ion:244 Resp: 876447

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

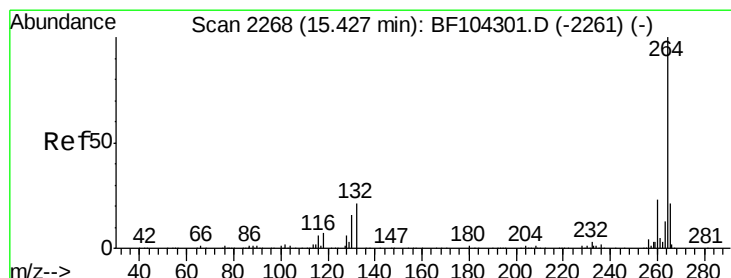
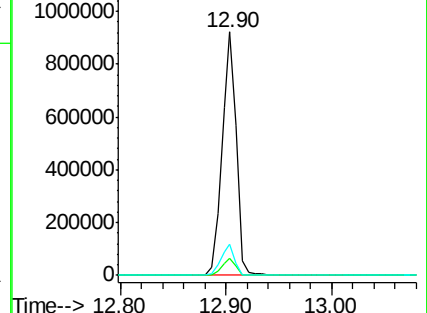
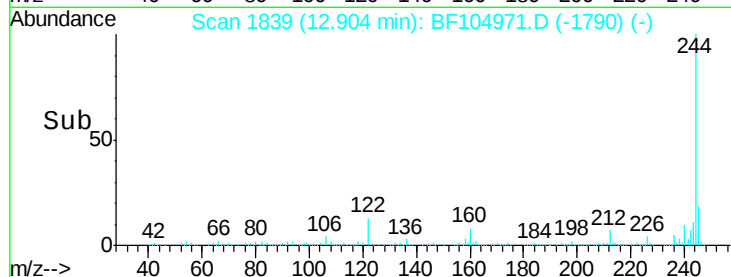
122 12.8 11.0 16.4



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: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF104971.D

Acq: 1 May 2018 9:08

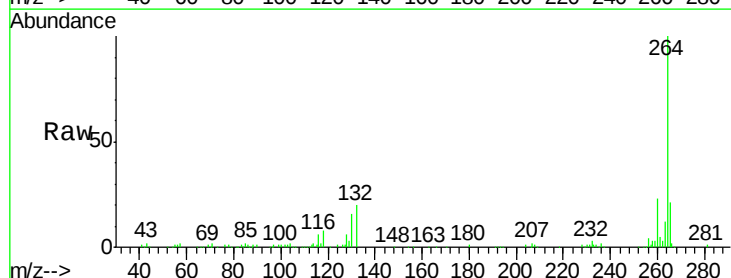
Tgt Ion:264 Resp: 185224

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 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

