

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104689.D
 Acq On : 20 Apr 2018 21:54
 Operator : JU/SJ
 Sample : PB108449BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BL

Quant Time: Apr 21 04:16:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

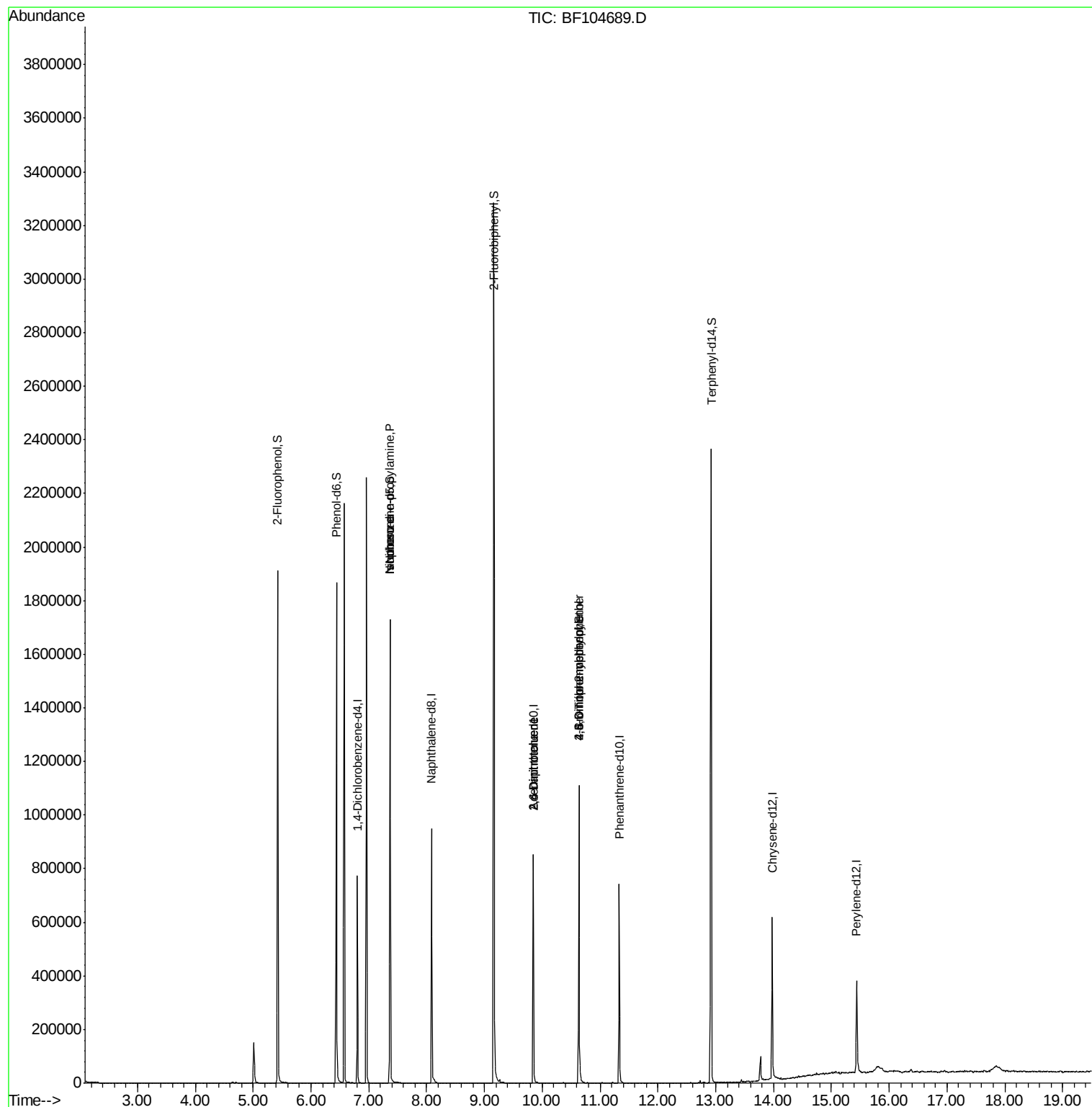
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108202	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	434722	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	180962	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	295396	20.00	ng	0.00
75) Chrysene-d12	13.97	240	219036	20.00	ng	0.00
86) Perylene-d12	15.44	264	172190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	559125	79.01	ng	0.00
7) Phenol-d6	6.44	99	672821	77.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	574425	86.28	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	139611	74.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1031223	90.02	ng	0.00
78) Terphenyl-d14	12.92	244	872679	90.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	74301	13.078	ng	# 73
25) Isophorone	7.37	82	574421	40.802	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	22666	8.584	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	22666	6.544	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.63	198	263	7.502	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	7764	2.471	ng	# 1
76) Benzidine	12.92	184	10951	Below Cal		# 93

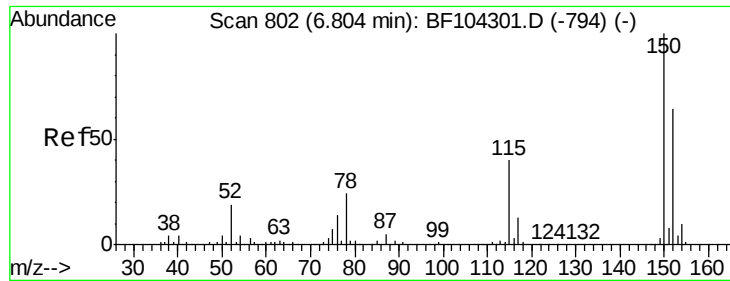
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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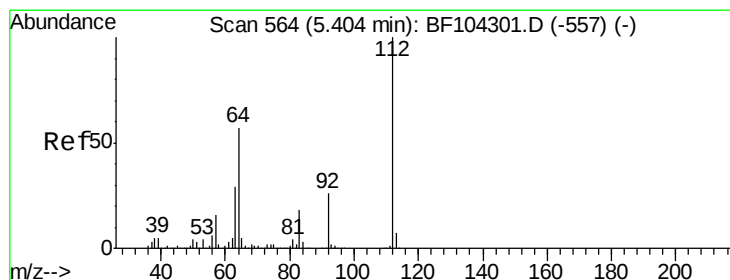
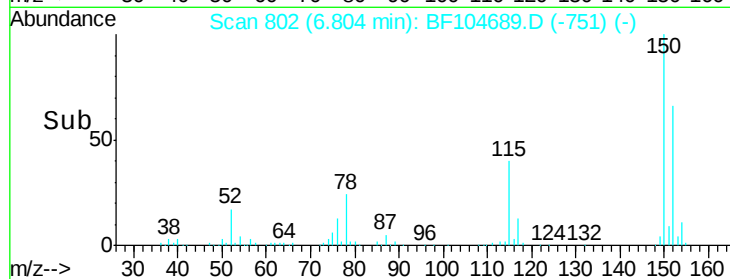
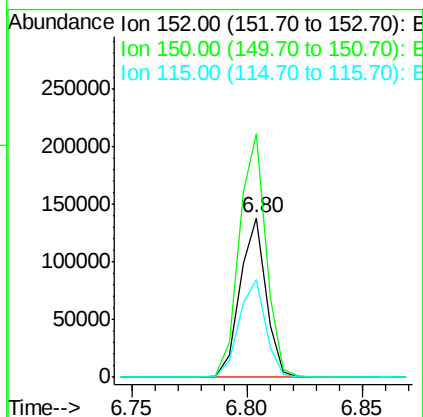
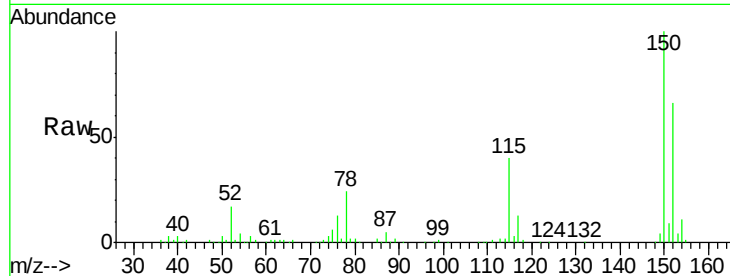


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BL

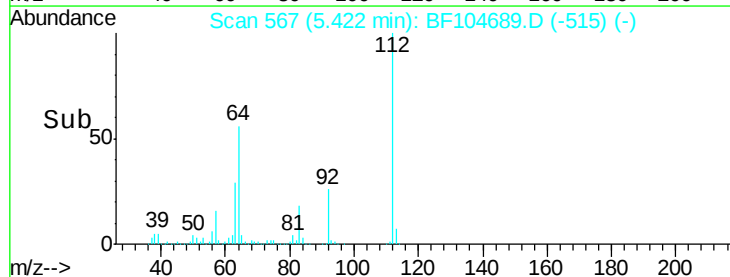
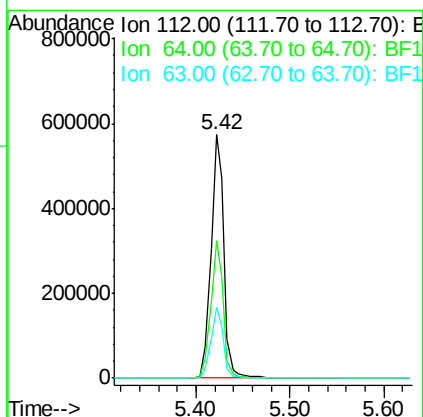
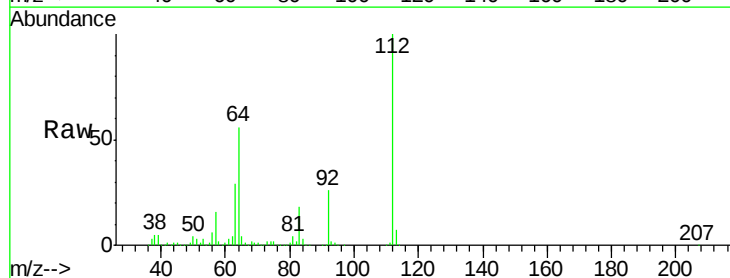
Tot Ion:152 Resp: 108202
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.6 186.8
 115 61.2 50.1 75.1



#5

2-Fluorophenol
 Concen: 79.013 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Tgt Ion:112 Resp: 559125
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 77.384 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104689.D

Acq: 20 Apr 2018 21:54

Instrument :

BNA_F

ClientSampleId :

PB108449BL

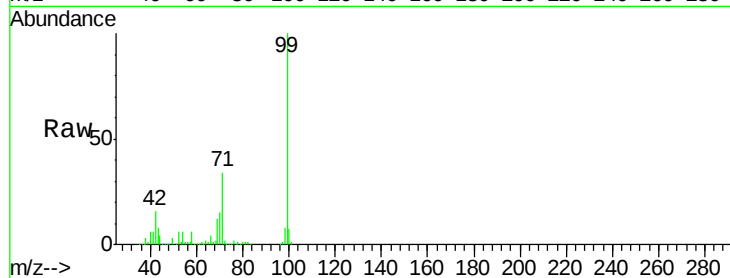
Tot Ion: 99 Resp: 672821

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 33.7 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

6.44

800000

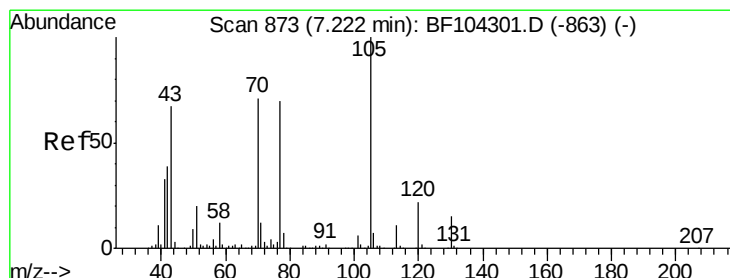
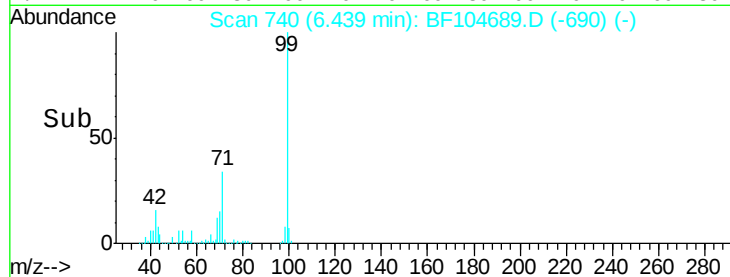
600000

400000

200000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.078 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104689.D

Acq: 20 Apr 2018 21:54

Tgt Ion: 70 Resp: 74301

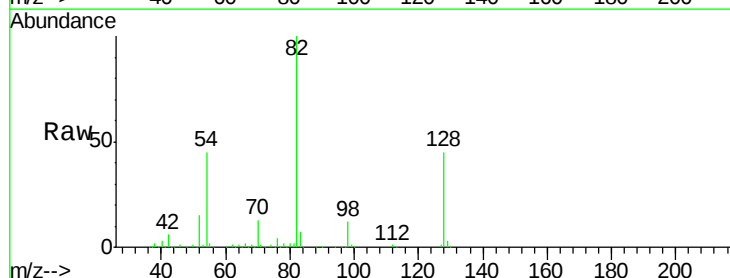
Ion Ratio Lower Upper

70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 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

7.37

120000

100000

80000

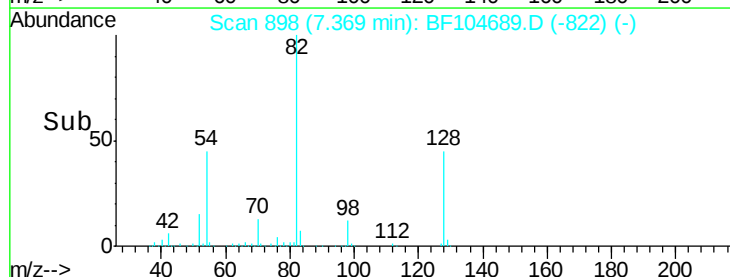
60000

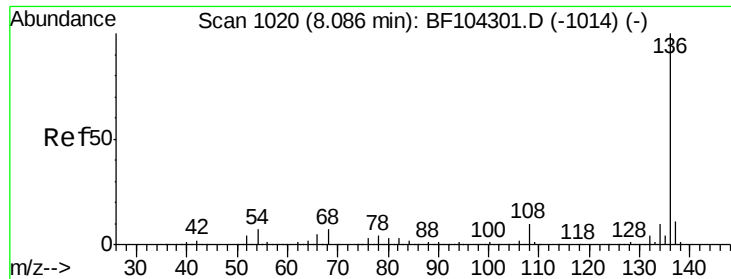
40000

20000

0

Time-->

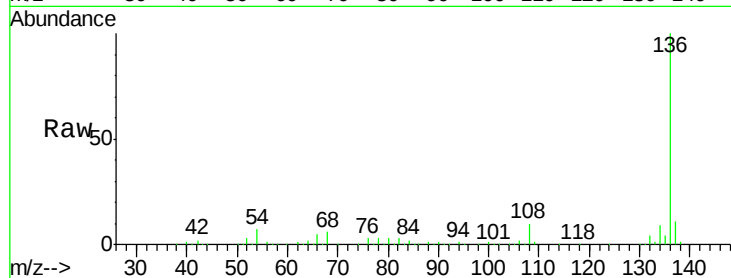




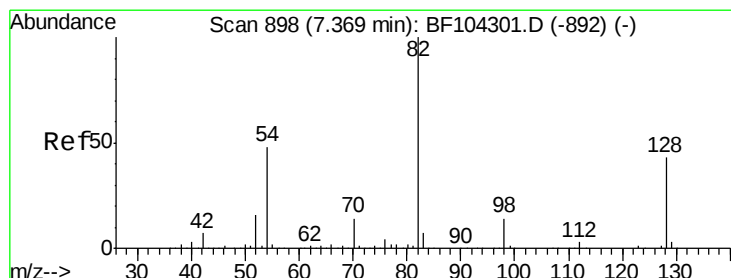
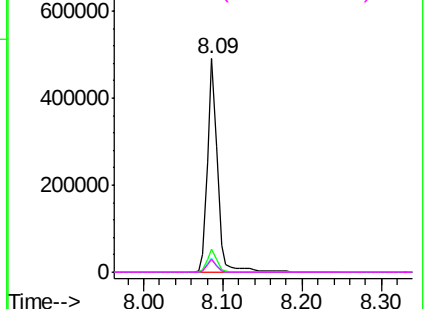
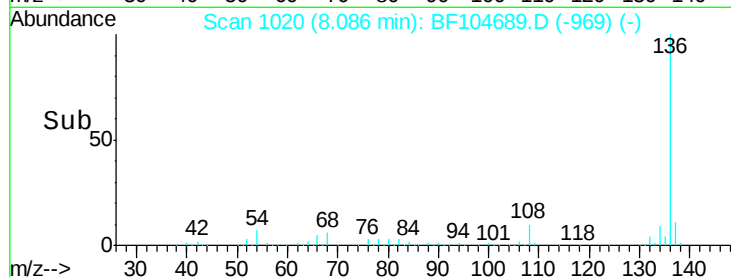
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

Instrument :
BNA_F
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Tot Ion:136	Resp:	434722
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.5	6.6 9.8#
68	5.8	5.0 7.4

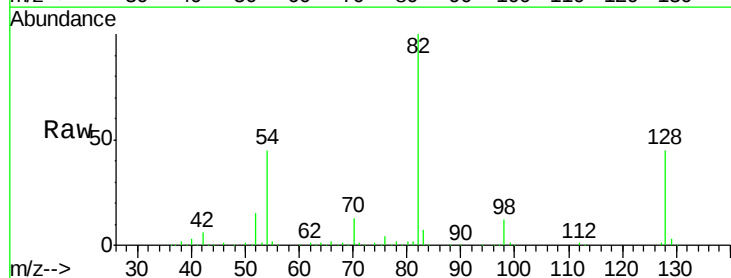


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

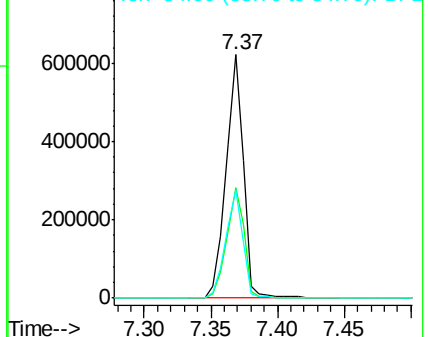
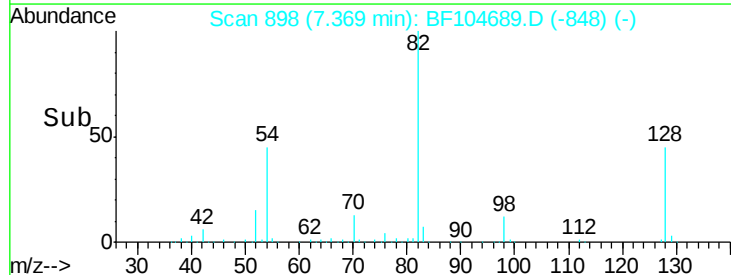


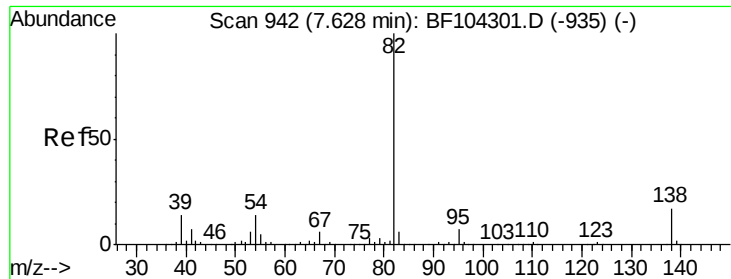
#23
Nitrobenzene-d5
Concen: 86.282 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

Tgt Ion: 82	Resp:	574425
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	44.5	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: 40.802 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104689.D

Acq: 20 Apr 2018 21:54

Instrument :

BNA_F

ClientSampleId :

PB108449BL

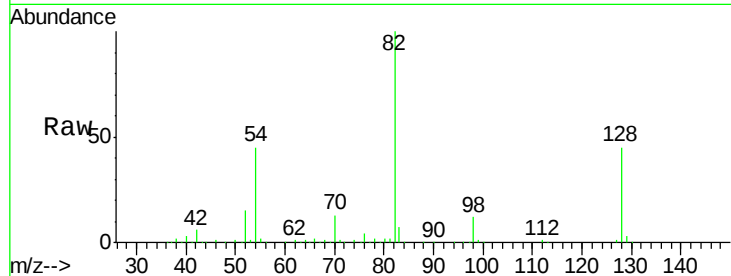
Tot Ion: 82 Resp: 574421

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

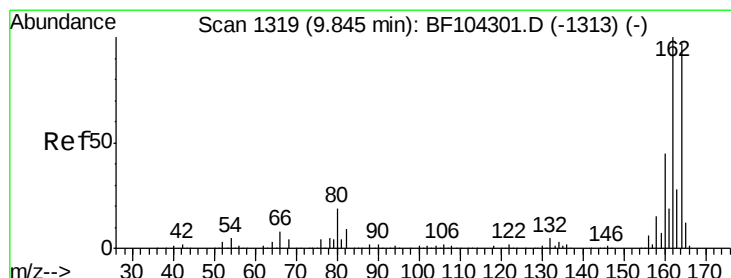
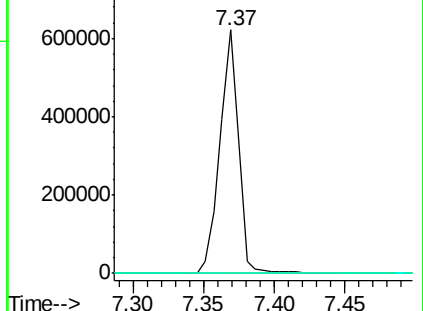
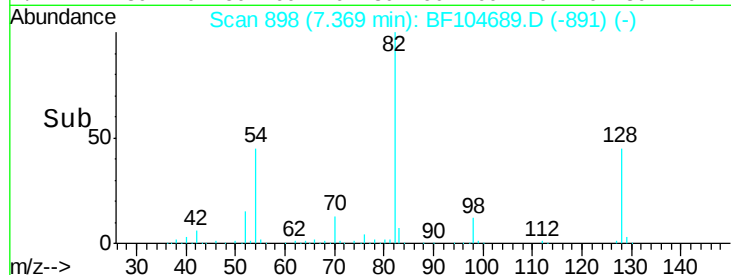
138 0.0 14.9 22.3#



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. -0.00 min

Lab File: BF104689.D

Acq: 20 Apr 2018 21:54

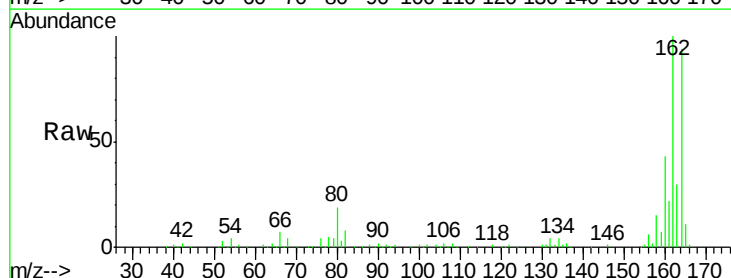
Tgt Ion: 164 Resp: 180962

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

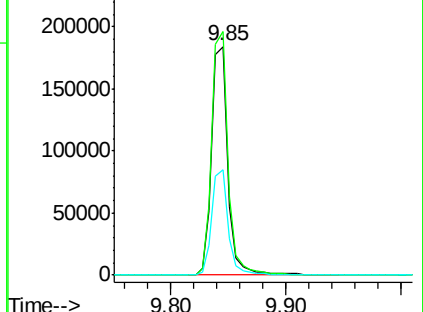
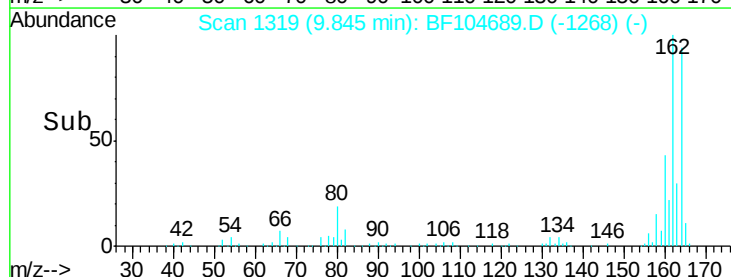
160 46.0 38.3 57.5

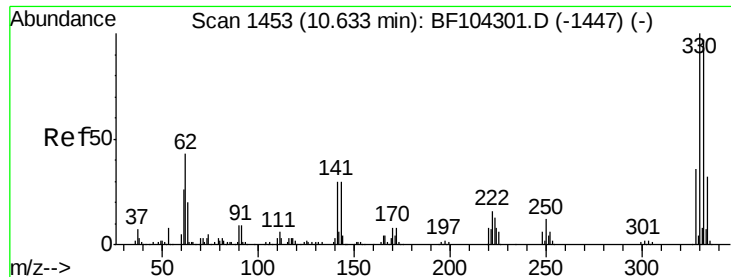


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

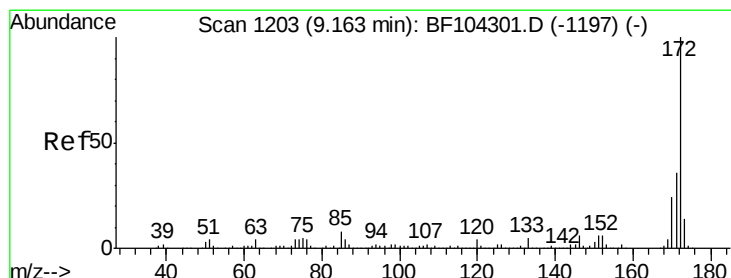
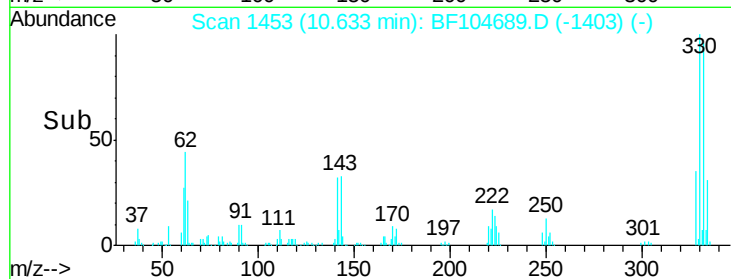
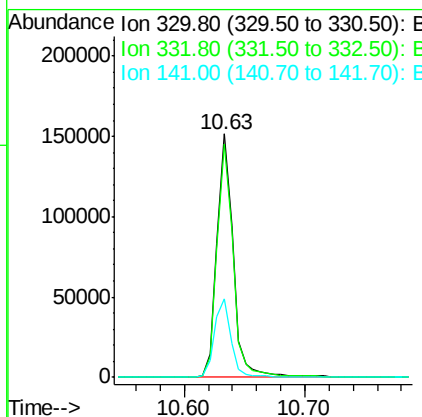
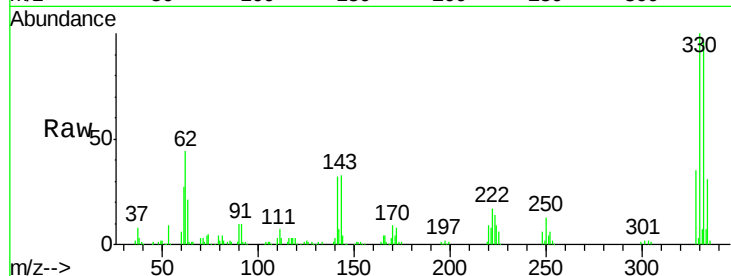




#41
 2,4,6-Tribromophenol
 Concen: 74.373 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

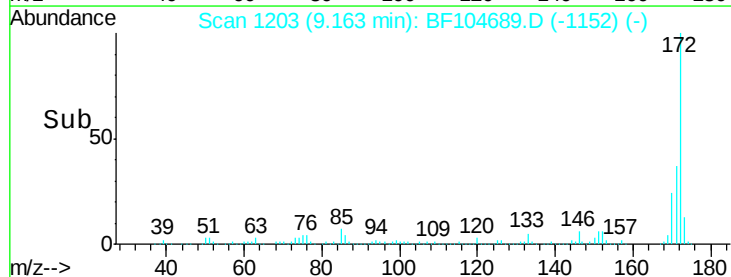
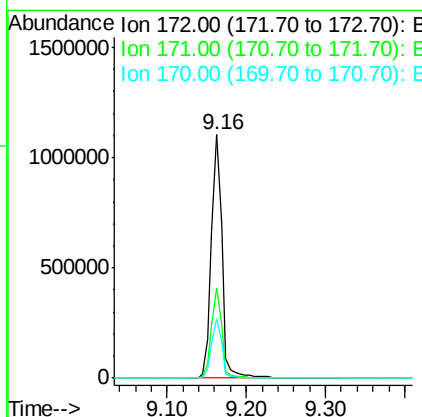
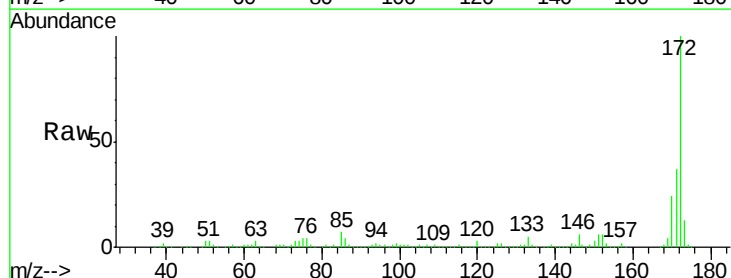
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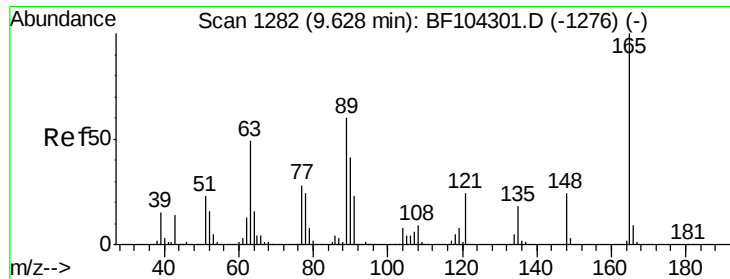
Tot Ion:330 Resp: 139611
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 90.023 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Tgt Ion:172 Resp: 1031223
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.4 19.6 29.4

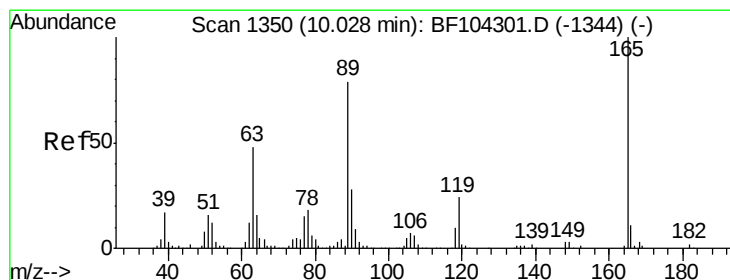
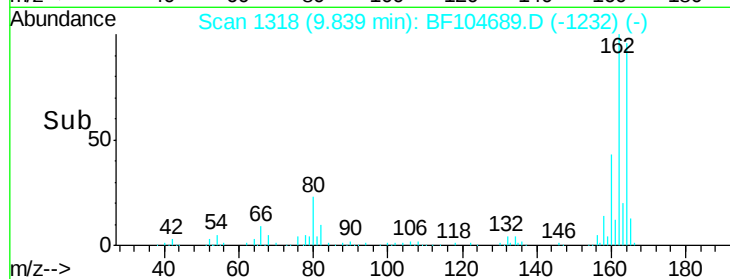
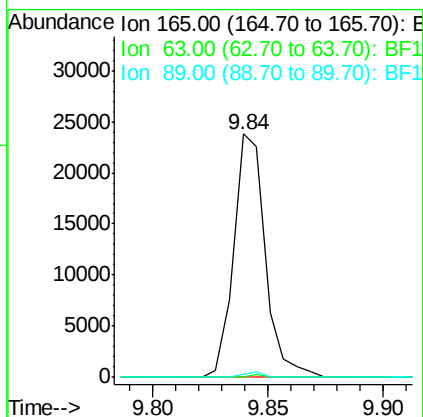
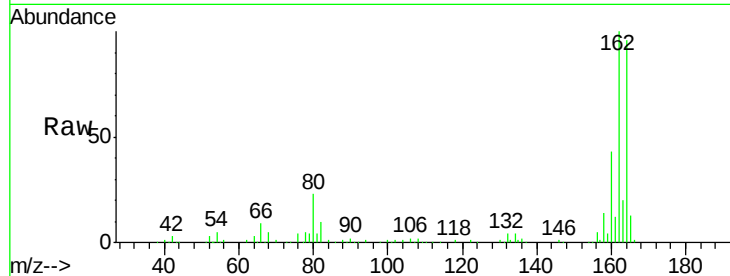




#50
 2,6-Dinitrotoluene
 Concen: 8.584 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

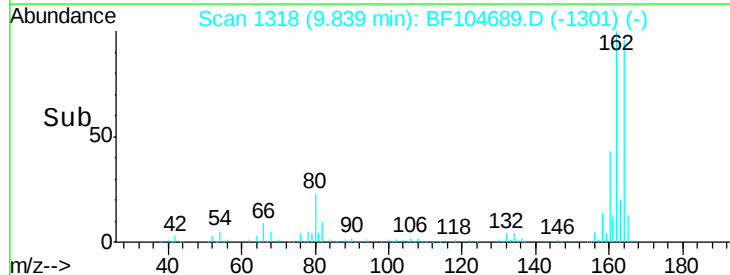
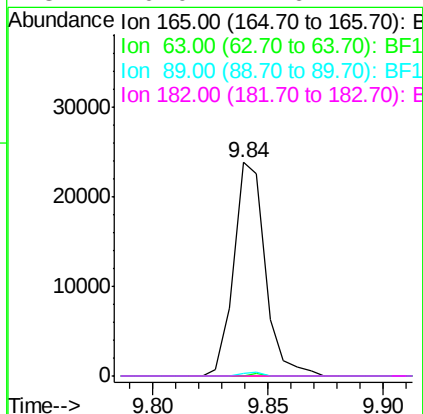
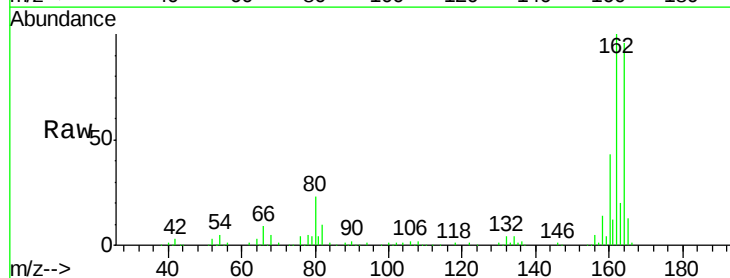
Instrument :
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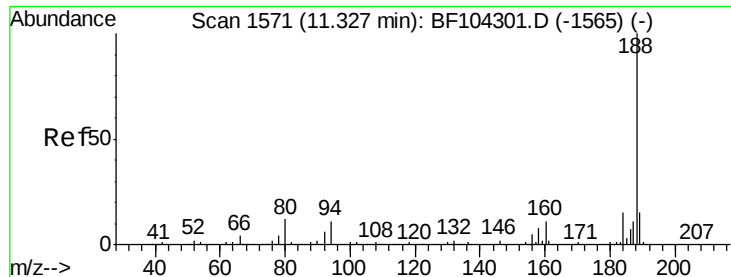
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.544 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

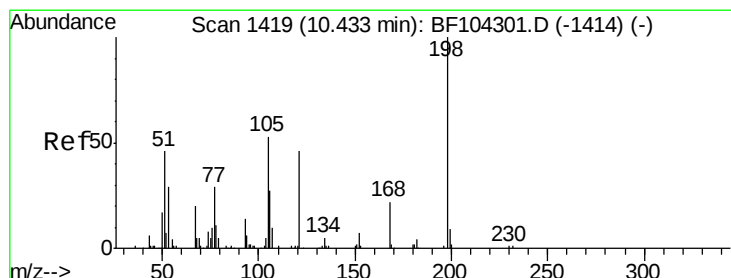
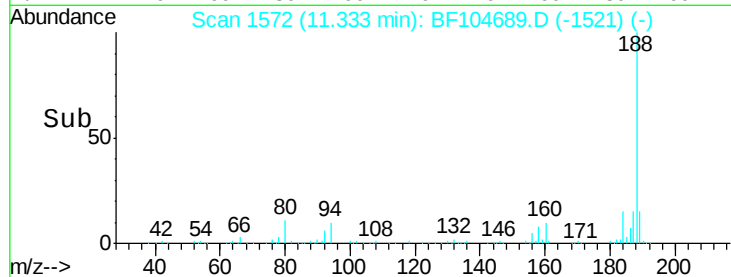
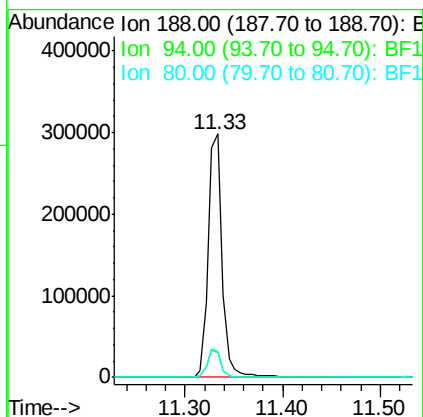
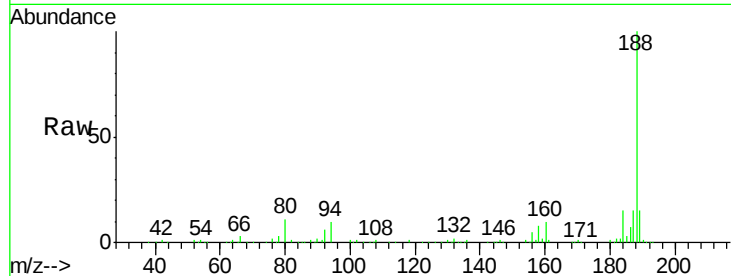




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

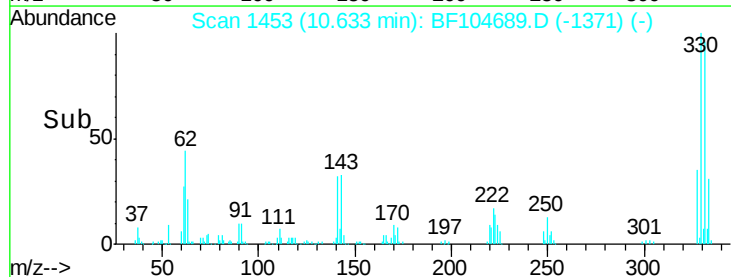
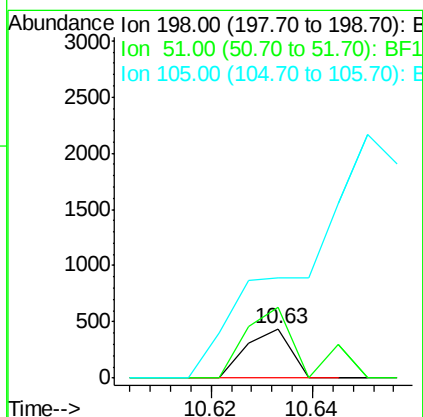
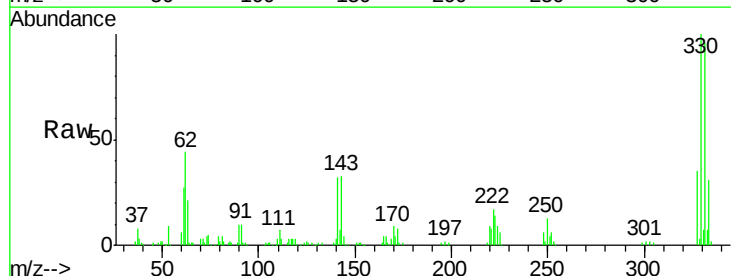
Instrument :
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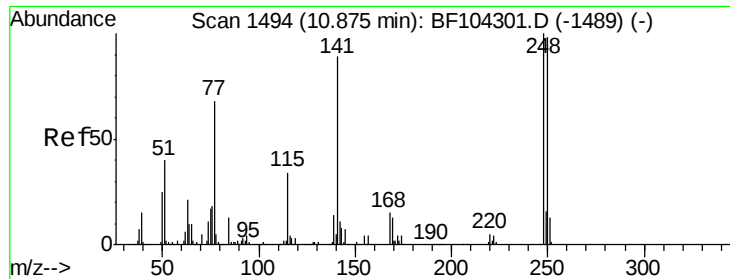
Tot Ion:188 Resp: 295396
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.502 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

Tgt Ion:198 Resp: 263
Ion Ratio Lower Upper
198 100
51 144.5 37.7 77.7#
105 202.7 36.3 76.3#

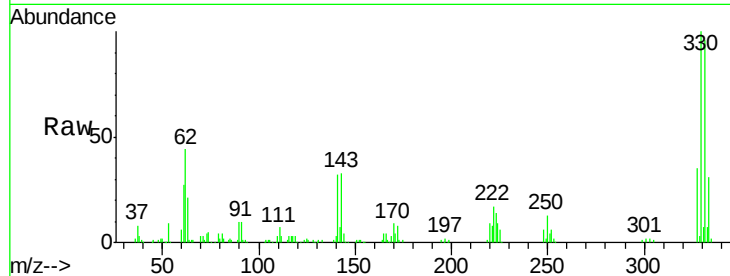




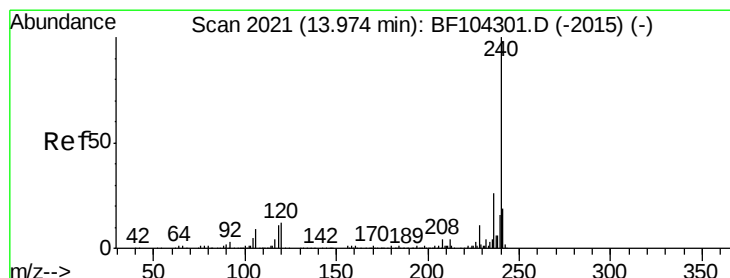
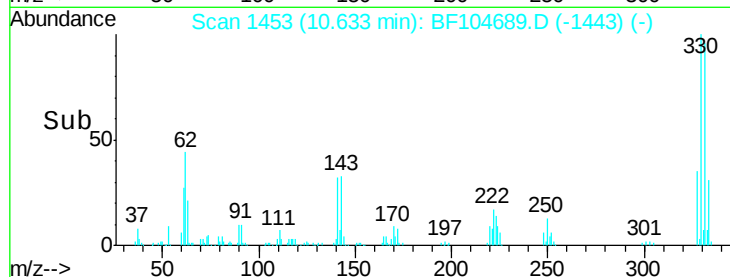
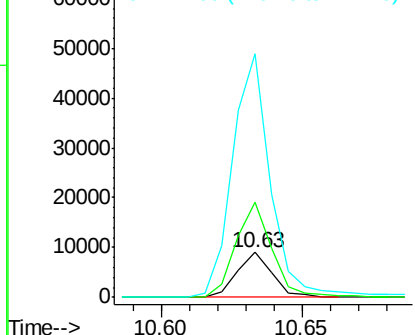
#66
4-Bromophenyl-phenylether
Concen: 2.471 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

Instrument :
BNA_F
ClientSampleId :
PB108449BL

Tot Ion:248 Resp: 7764
Ion Ratio Lower Upper
248 100
250 212.7 76.9 115.3#
141 545.6 74.4 111.6#

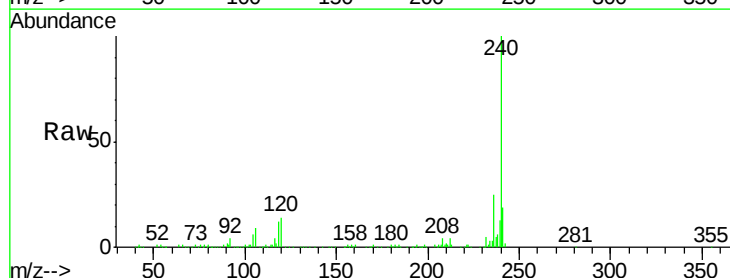


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

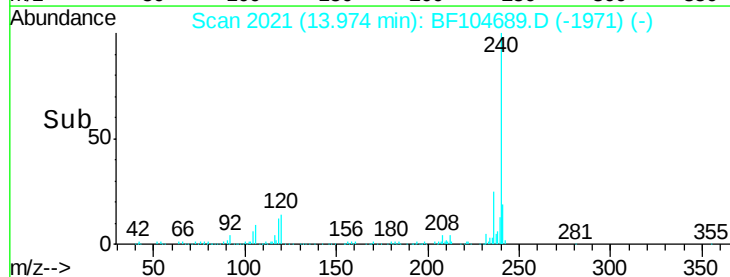
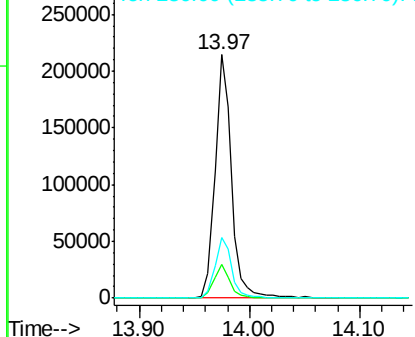


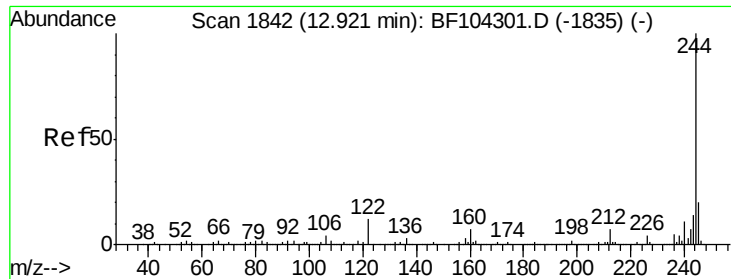
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104689.D
Acq: 20 Apr 2018 21:54

Tgt Ion:240 Resp: 219036
Ion Ratio Lower Upper
240 100
120 13.7 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

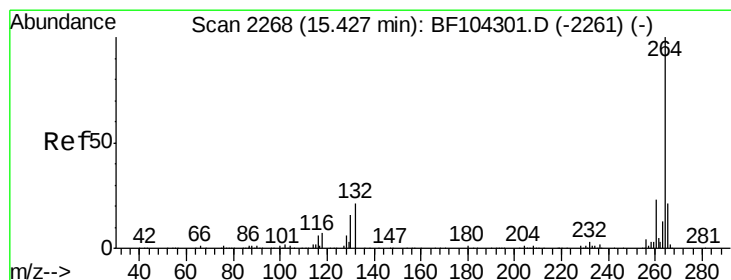
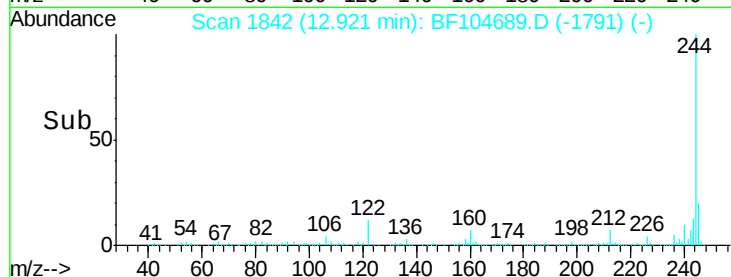
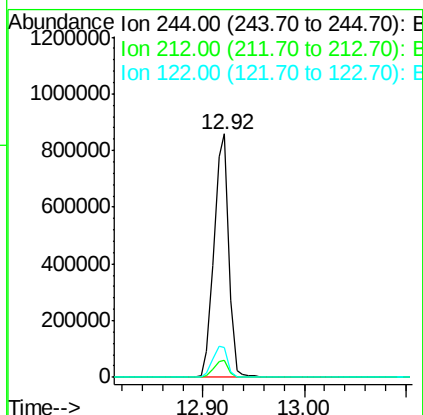
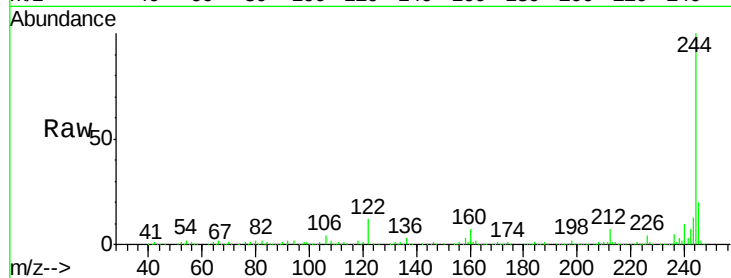




#78
 Terphenyl-d14
 Concen: 90.833 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Instrument :
 BNA_F
 ClientSampleID :
 PB108449BL

Tot Ion:244 Resp: 872679
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF104689.D
 Acq: 20 Apr 2018 21:54

Tgt Ion:264 Resp: 172190
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.5 17.5 26.3

