

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104886.D
 Acq On : 27 Apr 2018 17:30
 Operator : JU/SJ
 Sample : J2579-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

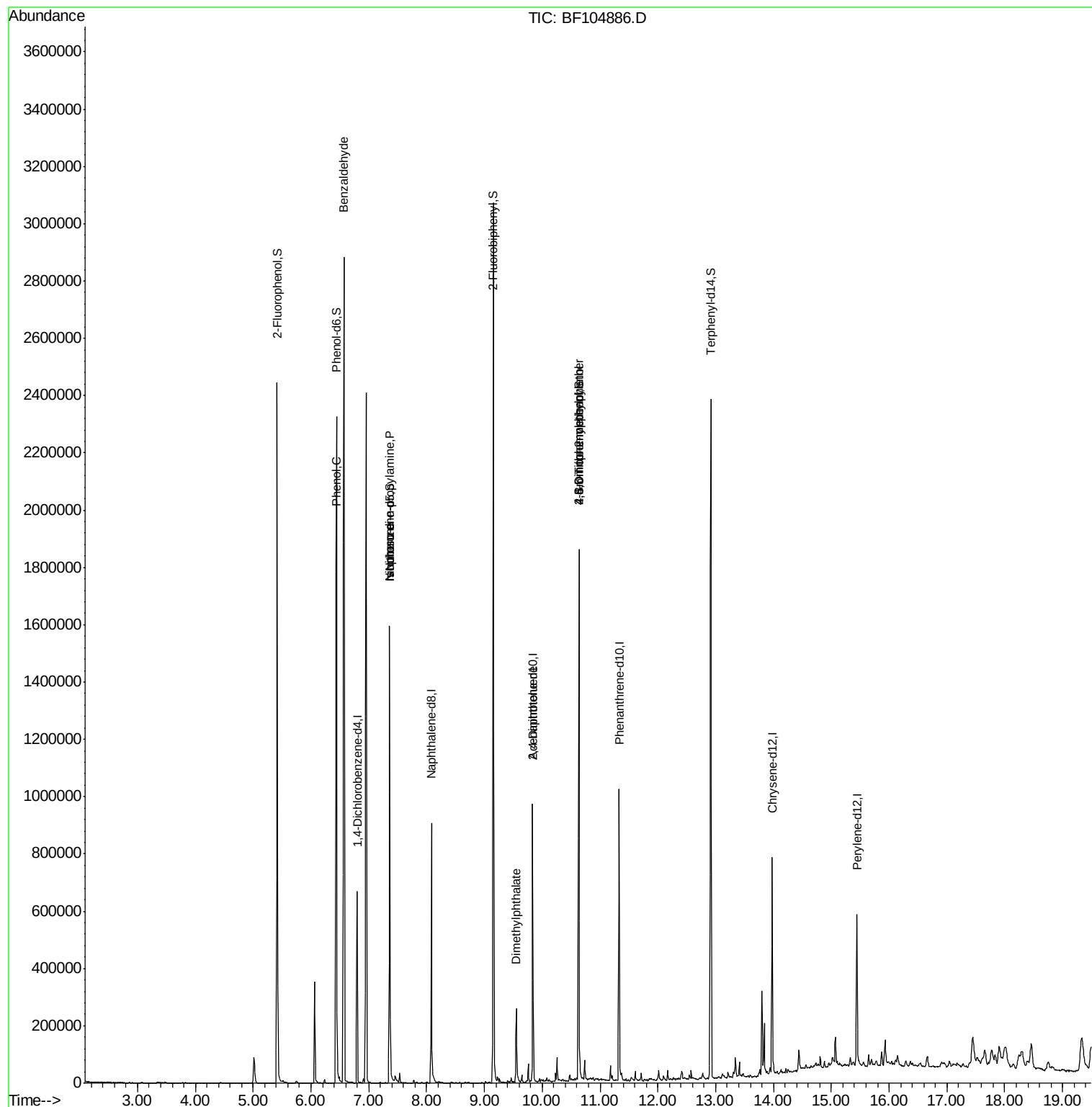
Quant Time: Apr 27 22:45:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

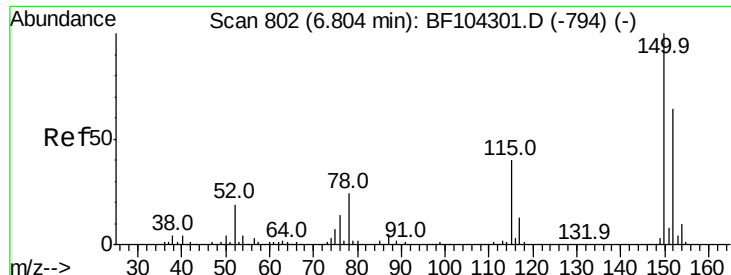
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106356	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	444564	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	204119	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	366217	20.00	ng	0.00
75) Chrysene-d12	13.97	240	240596	20.00	ng	-0.01
86) Perylene-d12	15.44	264	239388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	842577	121.14	ng	0.00
7) Phenol-d6	6.44	99	1038702	121.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	645909	94.87	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	259650	122.63	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	972146	75.24	ng	0.00
78) Terphenyl-d14	12.92	244	785138	74.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	18542	2.022	ng	83
10) Phenol	6.45	94	19759	2.179	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	85129	15.243	ng	# 71
25) Isophorone	7.36	82	645988	44.870	ng	# 64
49) Dimethylphthalate	9.55	163	107916	6.704	ng	99
56) 2,4-Dinitrotoluene	9.83	165	26754	6.848	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.63	198	397	7.536	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15681	4.026	ng	# 1
76) Benzydine	12.92	184	10059	Below Cal		93

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

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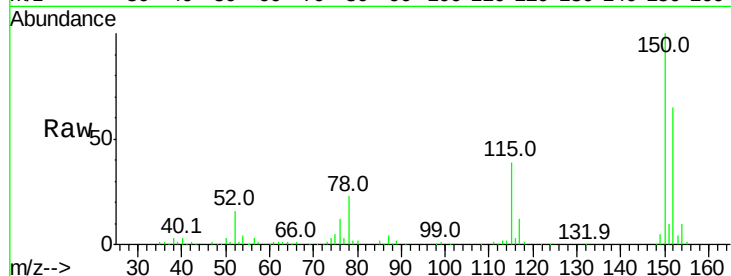




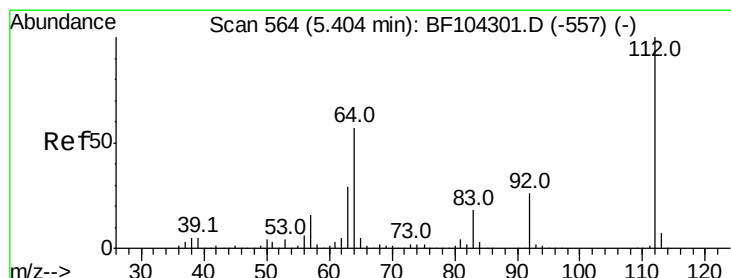
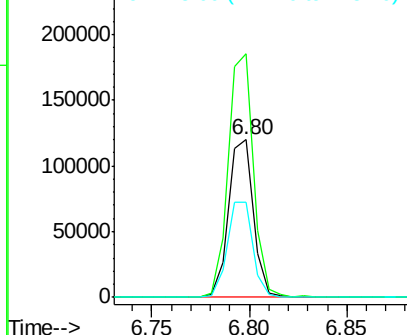
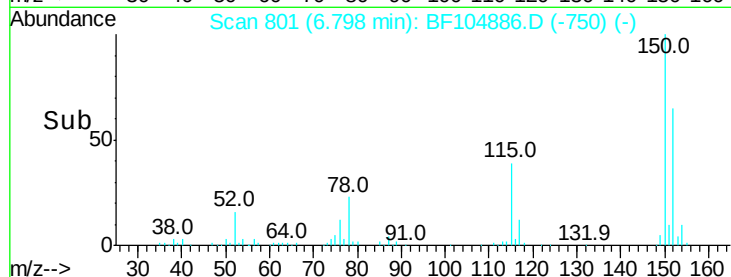
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104886.D
Acq: 27 Apr 2018 17:30

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	60.6	50.1	75.1



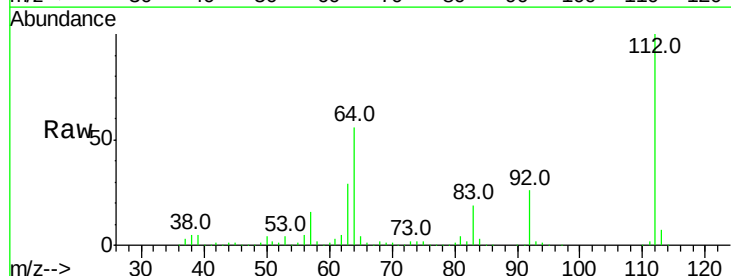
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



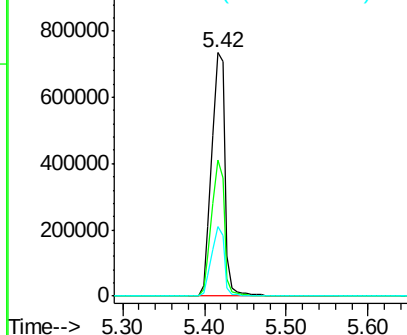
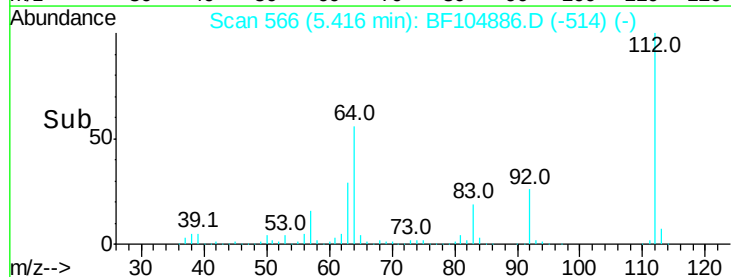
#5

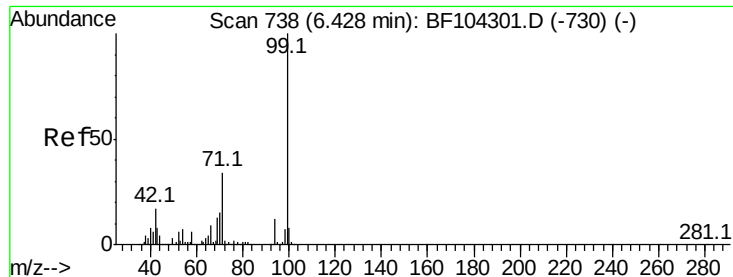
2-Fluorophenol
Concen: 121.135 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104886.D
Acq: 27 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	28.6	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: 121.539 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

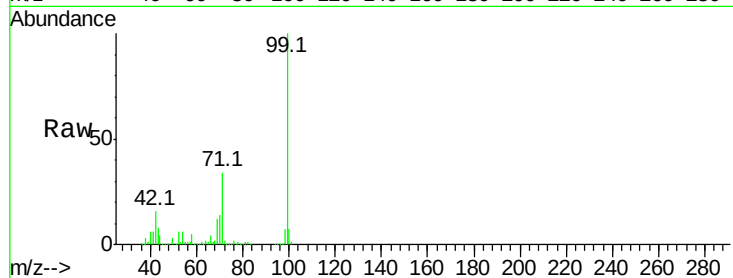
Tot Ion: 99 Resp: 1038702

Ion Ratio Lower Upper

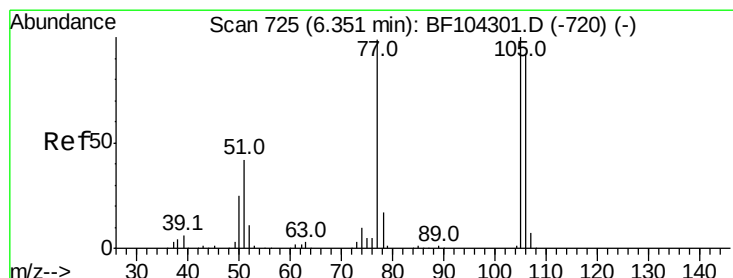
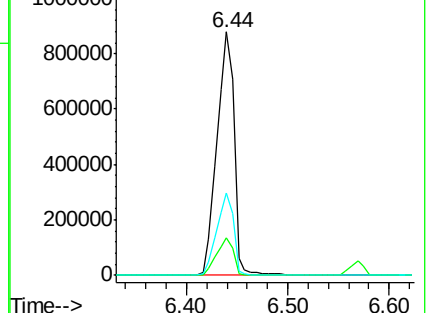
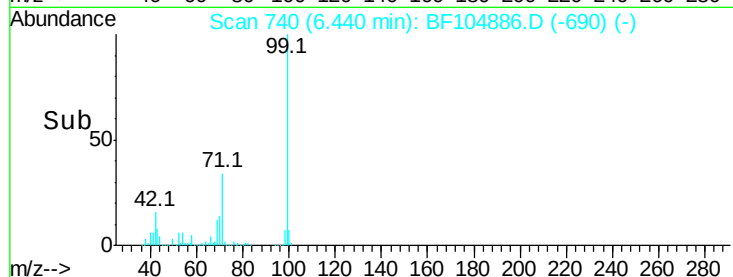
99 100

42 15.6 14.5 21.7

71 34.0 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



#9

Benzaldehyde

Concen: 2.022 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.22 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

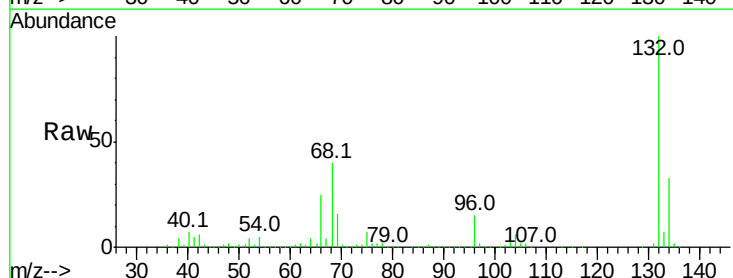
Tgt Ion: 77 Resp: 18542

Ion Ratio Lower Upper

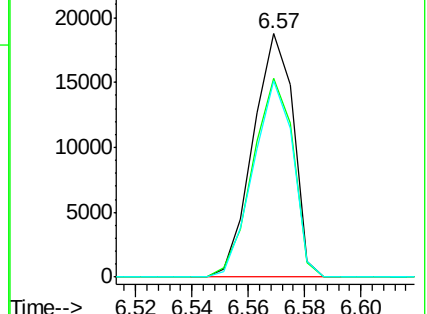
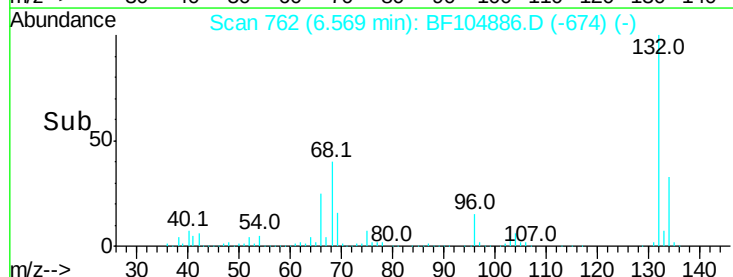
77 100

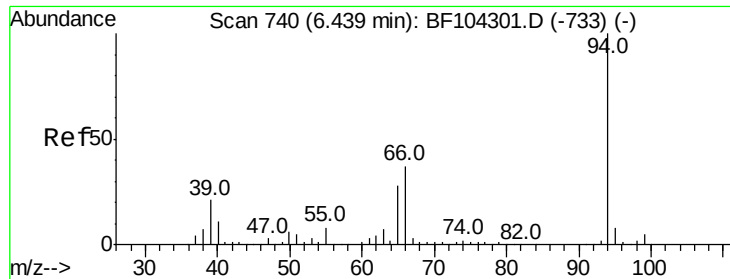
105 81.8 81.1 121.1

106 80.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.179 ng

RT: 6.45 min Scan# 742

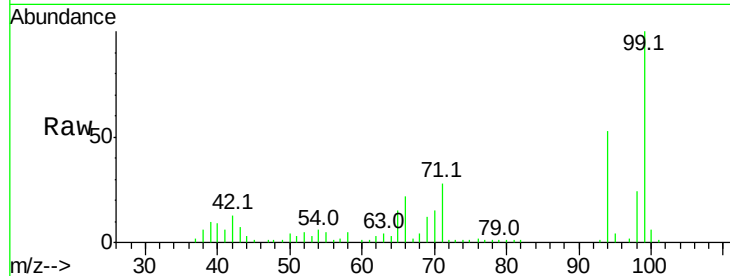
Delta R.T. -0.01 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

Tot Ion: 94 Resp: 19759

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	42.7	16.2	56.2

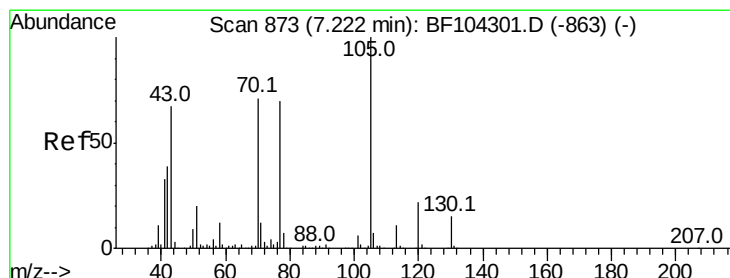
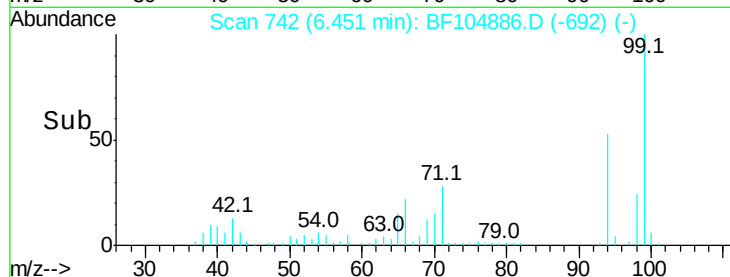
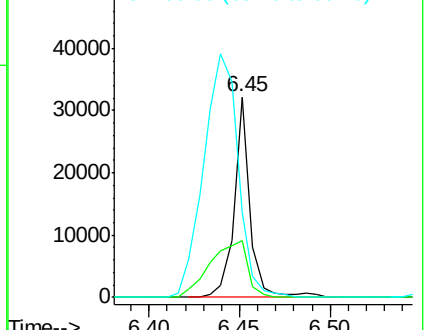


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.243 ng

RT: 7.36 min Scan# 897

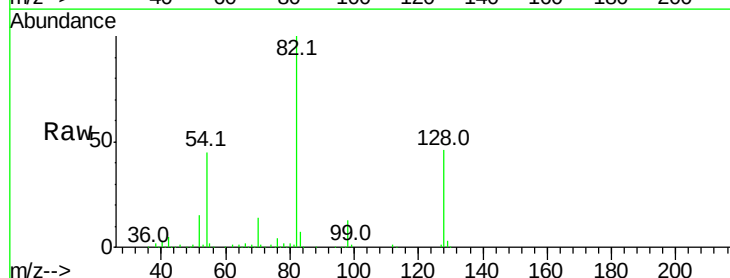
Delta R.T. 0.15 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

Tgt Ion: 70 Resp: 85129

Ion	Ratio	Lower	Upper
70	100		
42	40.4	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



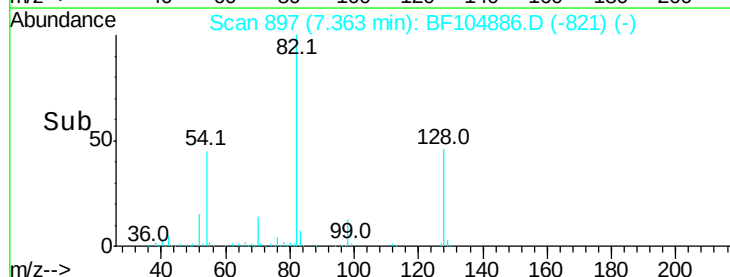
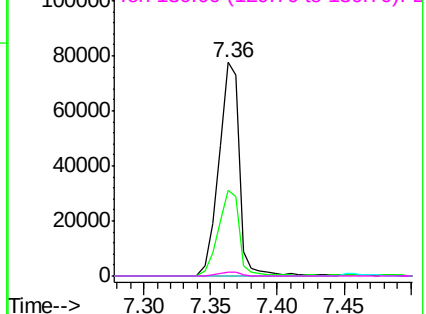
Abundance

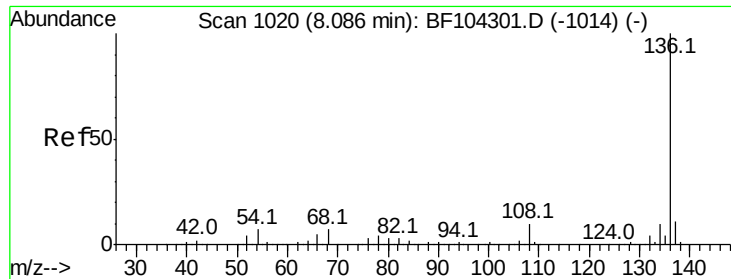
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

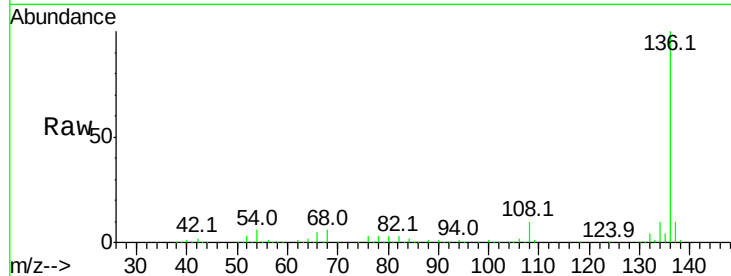
Ion 130.00 (129.70 to 130.70): BF1



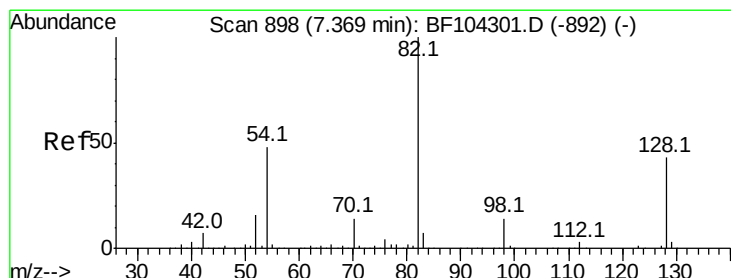
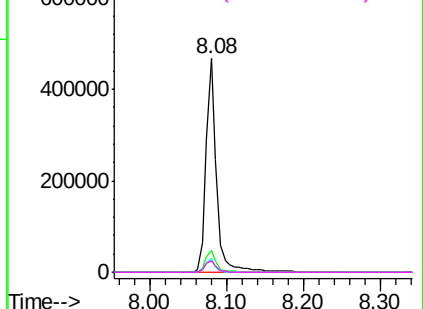
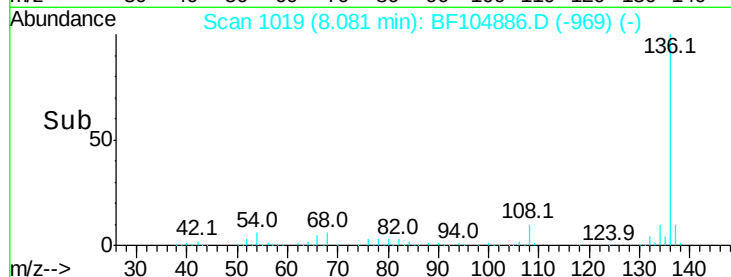


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104886.D
Acq: 27 Apr 2018 17:30

Tot Ion:136	Resp:	444564
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.5	6.6 9.8#
68	5.7	5.0 7.4

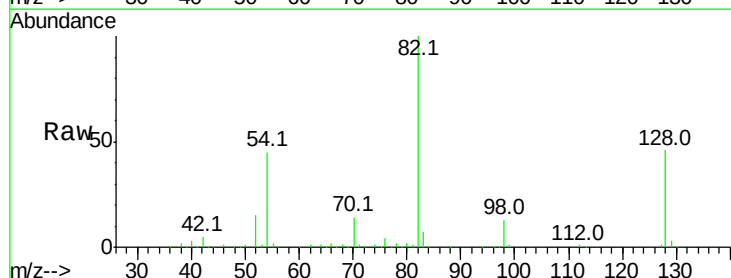


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

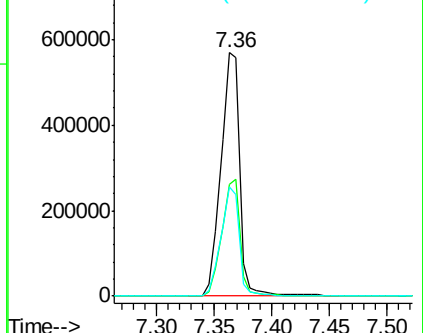
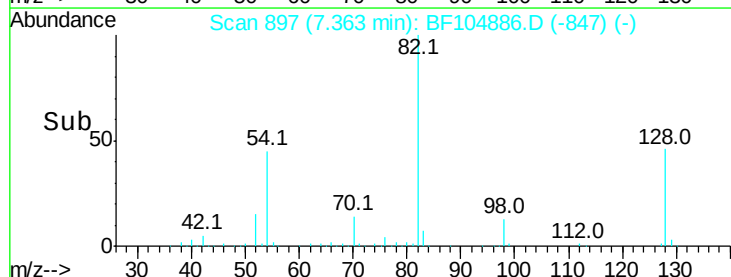


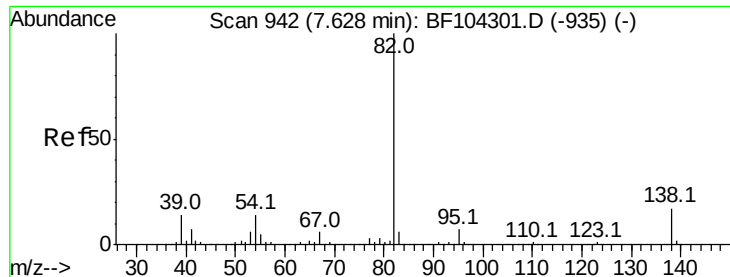
#23
Nitrobenzene-d5
Concen: 94.872 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104886.D
Acq: 27 Apr 2018 17:30

Tgt Ion: 82	Resp:	645909
Ion Ratio	Lower	Upper
82	100	
128	45.9	36.1 54.1
54	44.7	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: 44.870 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

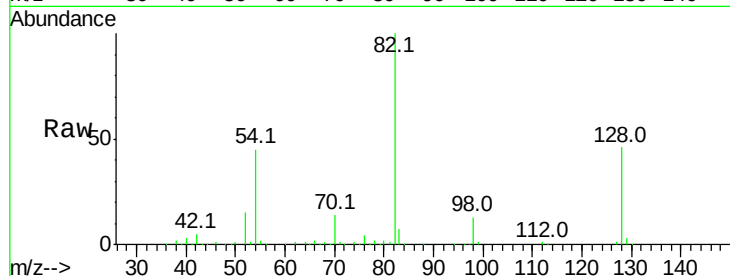
Tot Ion: 82 Resp: 645988

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

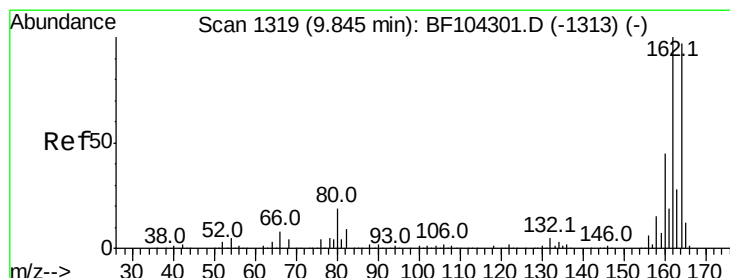
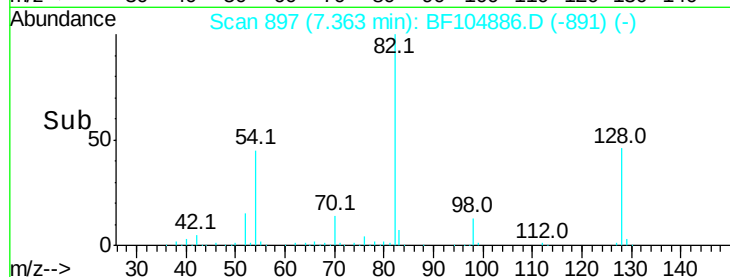
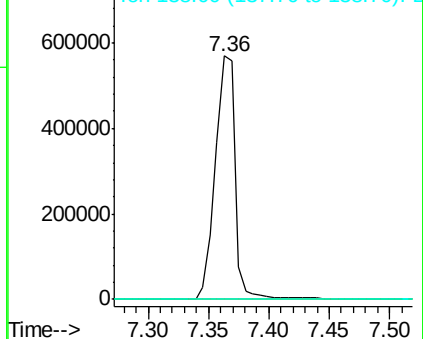
138 0.0 14.9 22.3#



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# 1317

Delta R.T. -0.01 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

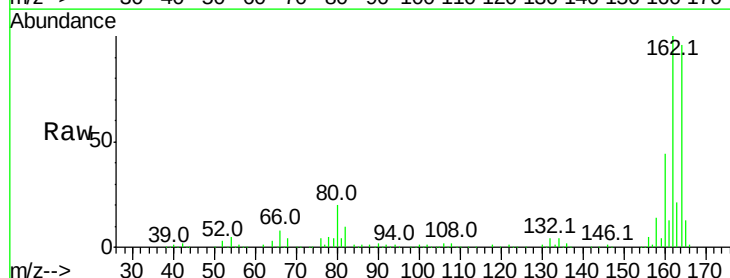
Tgt Ion:164 Resp: 204119

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

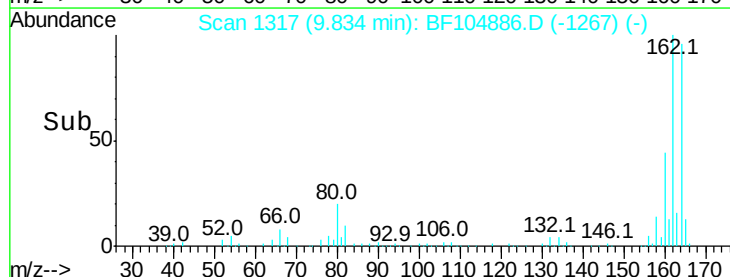
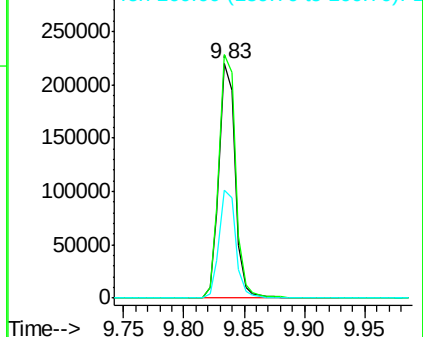
160 45.8 38.3 57.5

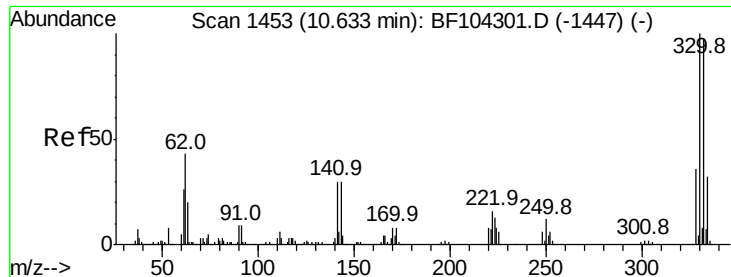


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

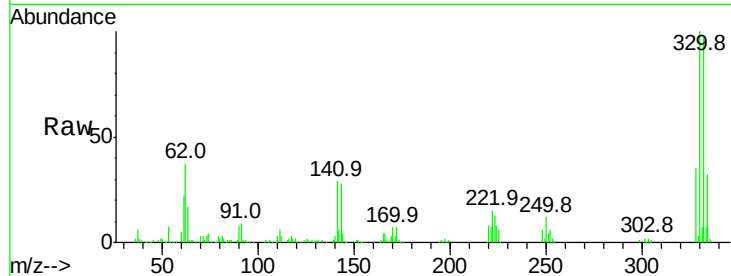
Ion 160.00 (159.70 to 160.70): E



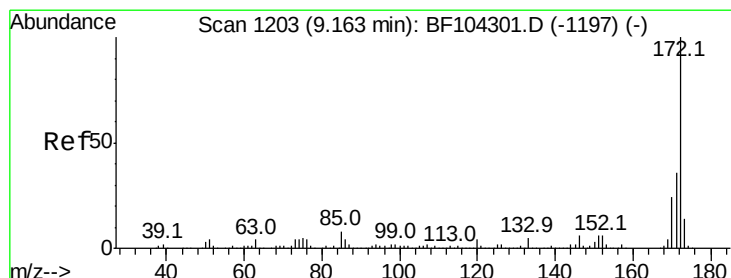
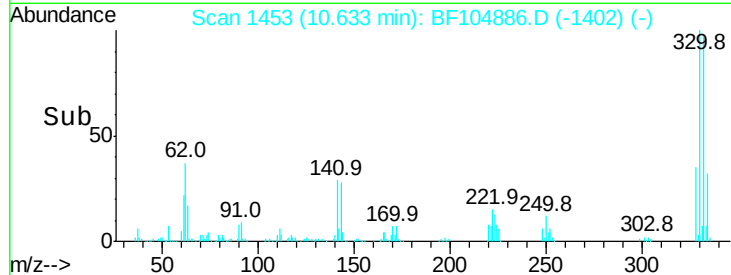
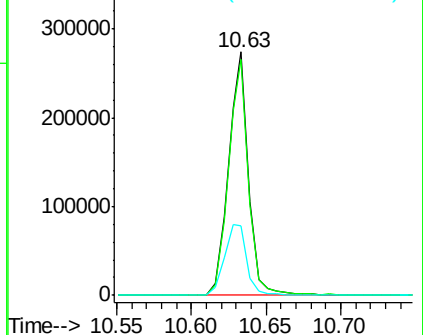


#41
 2,4,6-Tribromophenol
 Concen: 122.628 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104886.D
 Acq: 27 Apr 2018 17:30

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.7	29.9	44.9

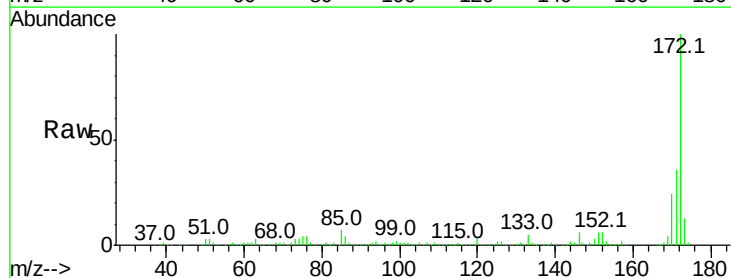


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

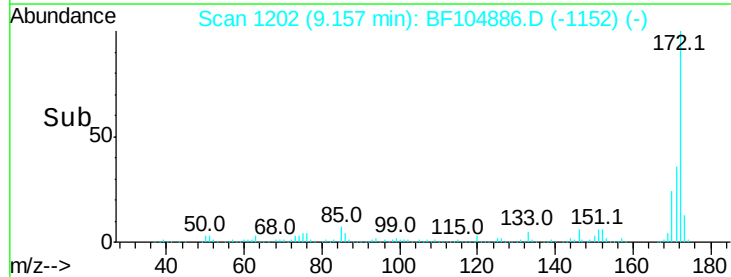
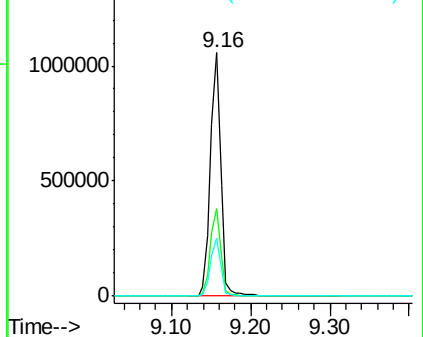


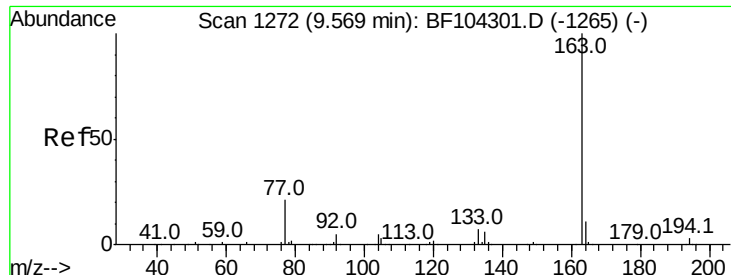
#44
 2-Fluorobiphenyl
 Concen: 75.238 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104886.D
 Acq: 27 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	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: 6.704 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

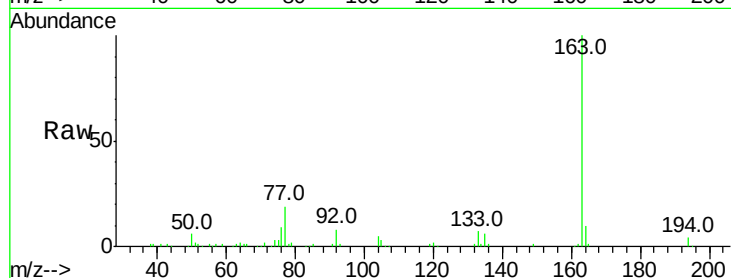
Tot Ion:163 Resp: 107916

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

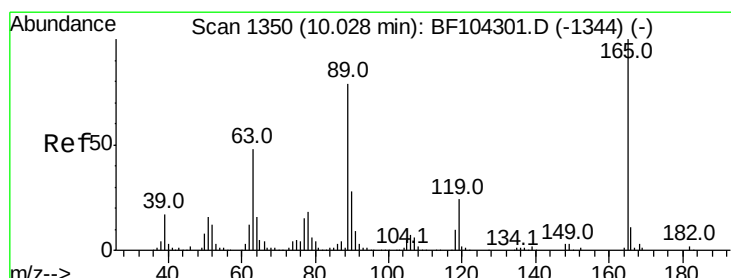
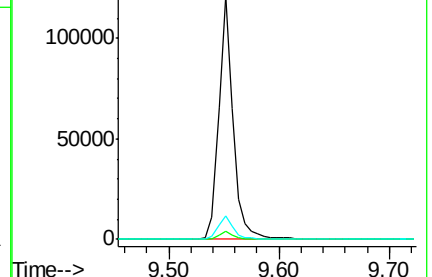
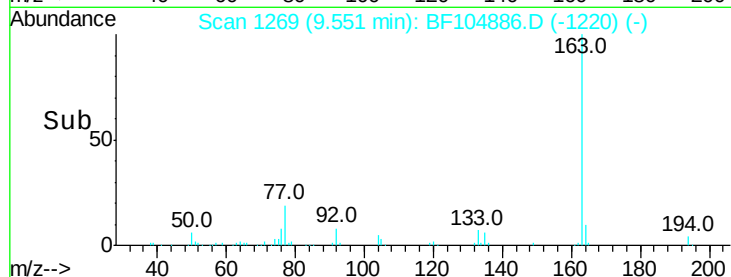
164 9.8 8.2 12.2



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: 6.848 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.21 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

Tgt Ion:165 Resp: 26754

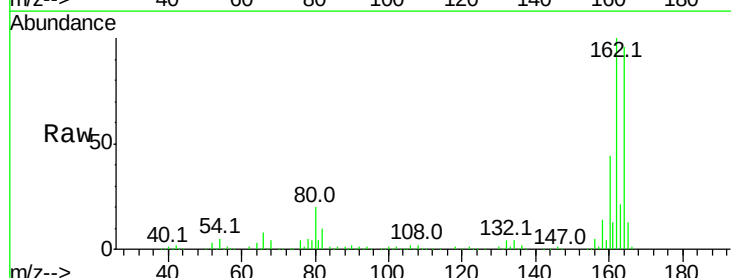
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

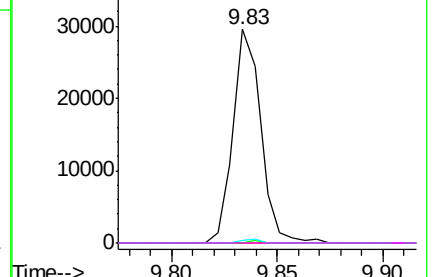
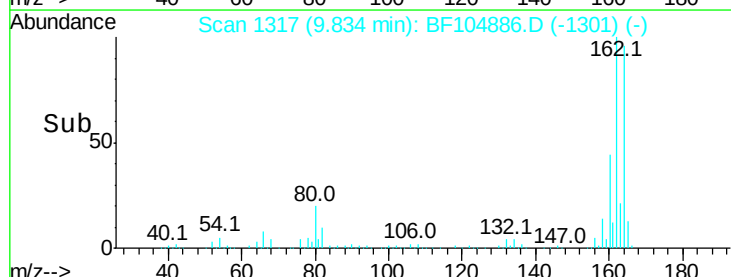


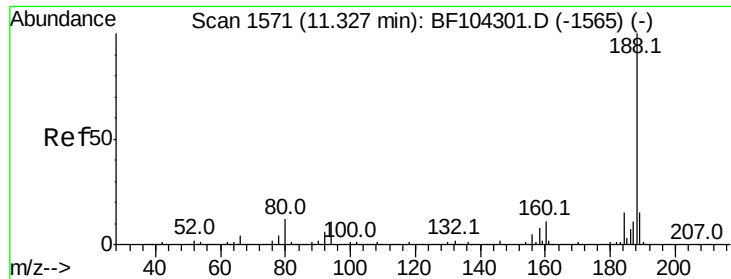
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

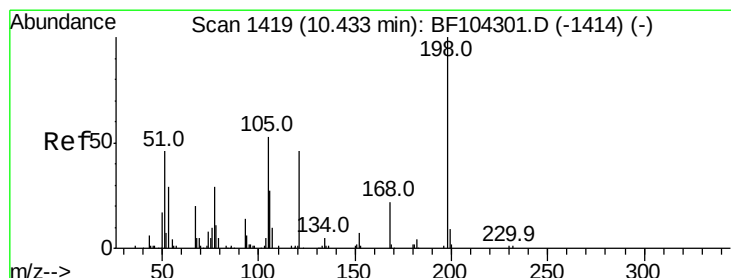
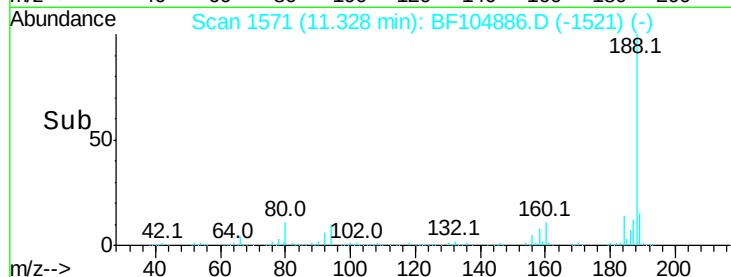
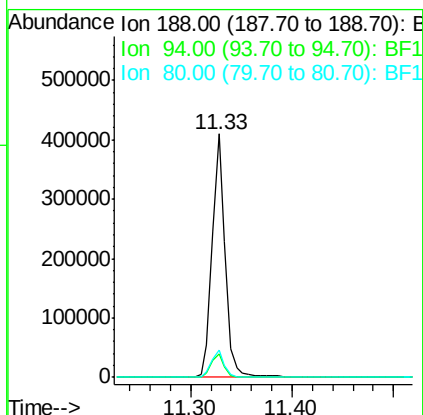
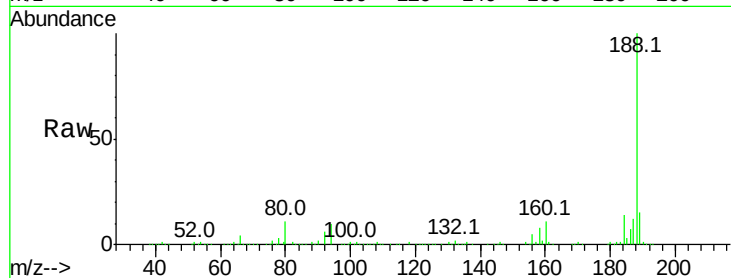
Ion 182.00 (181.70 to 182.70): E





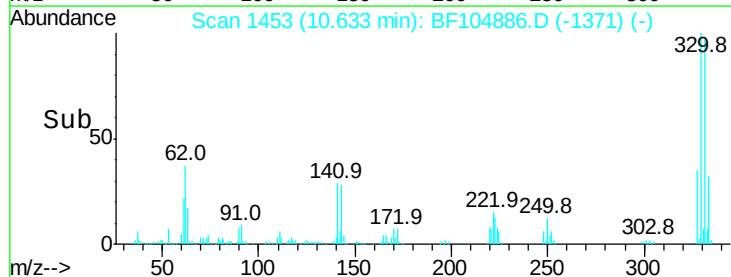
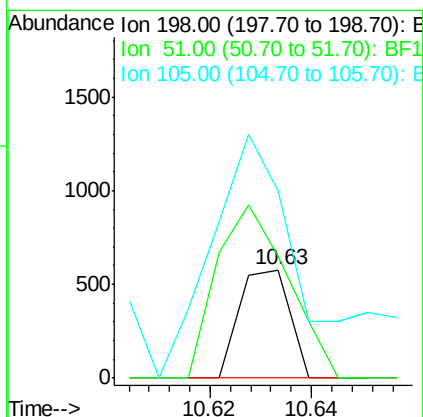
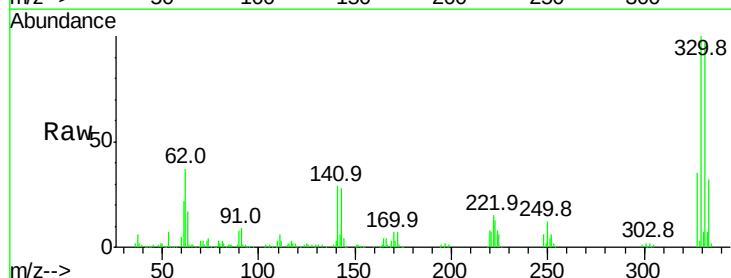
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104886.D
 Acq: 27 Apr 2018 17:30

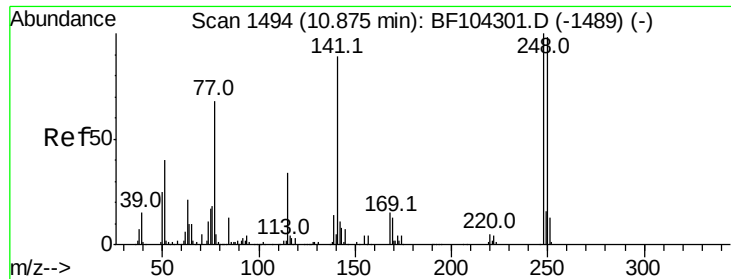
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.0	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.536 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104886.D
 Acq: 27 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
198	100		
51	112.6	37.7	77.7#
105	172.5	36.3	76.3#





#66

4-Bromophenyl-phenylether

Concen: 4.026 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

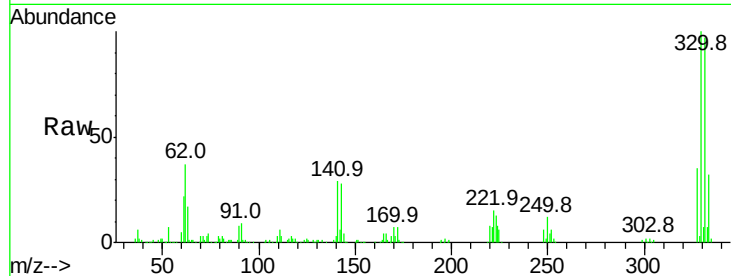
Tot Ion:248 Resp: 15681

Ion	Ratio	Lower	Upper
248	100		
250	197.3	76.9	115.3#
141	468.1	74.4	111.6#

248 100

250 197.3 76.9 115.3#

141 468.1 74.4 111.6#



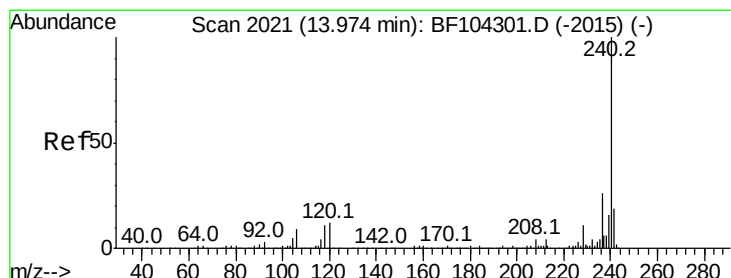
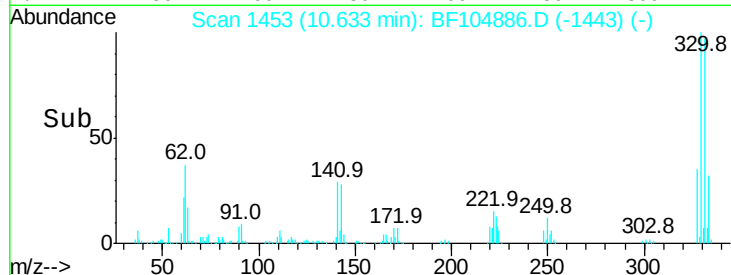
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->

10.60 10.65



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104886.D

Acq: 27 Apr 2018 17:30

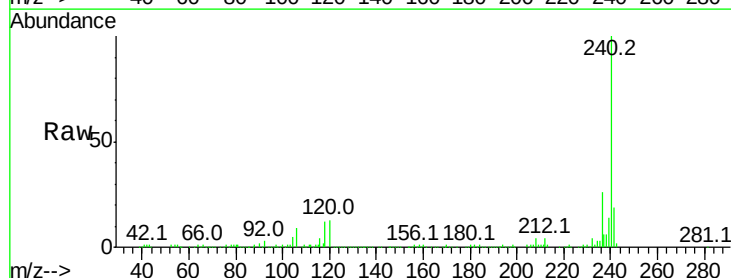
Tgt Ion:240 Resp: 240596

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.2	20.7	31.1

240 100

120 12.5 9.5 14.3

236 26.2 20.7 31.1



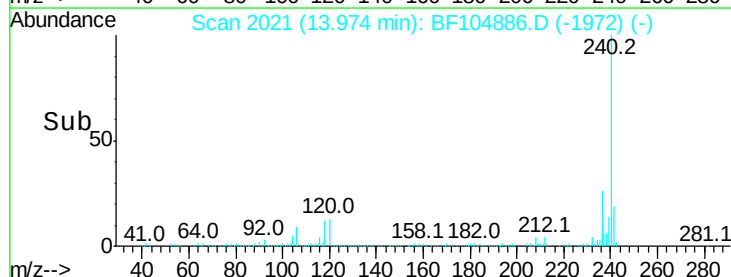
Abundance Ion 240.00 (239.70 to 240.70): E

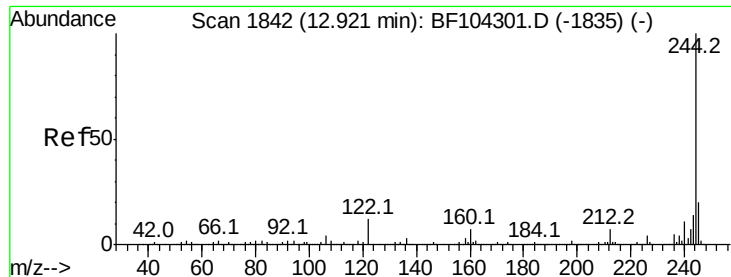
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->

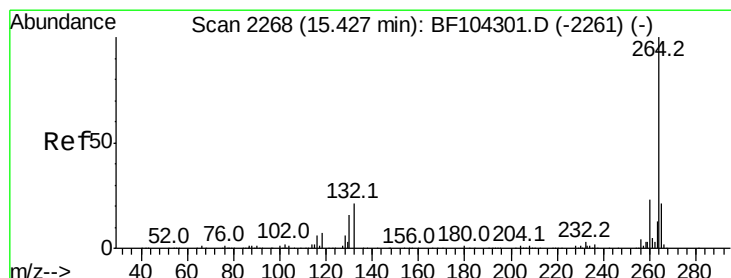
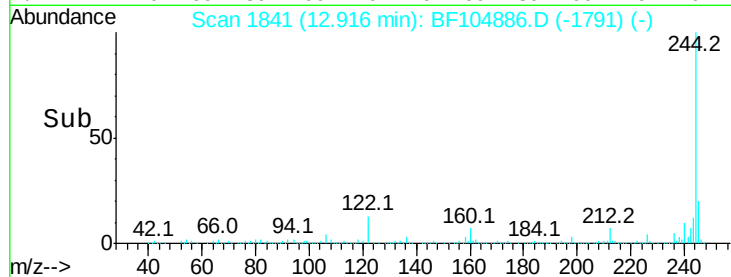
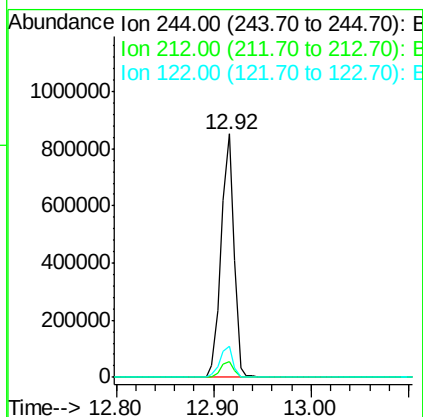
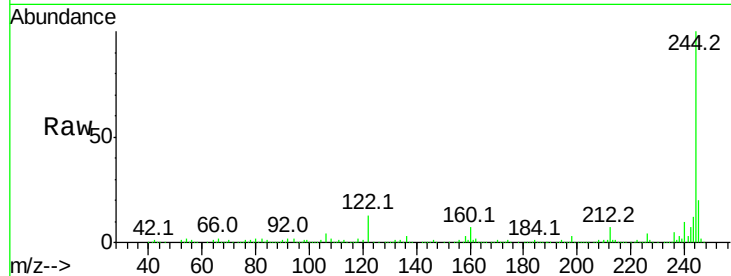
13.90 14.00 14.10





#78
 Terphenyl-d14
 Concen: 74.398 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104886.D
 Acq: 27 Apr 2018 17:30

Tot Ion:244 Resp: 785138
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF104886.D
 Acq: 27 Apr 2018 17:30

Tgt Ion:264 Resp: 239388
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.7 17.5 26.3

