

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104883.D
 Acq On : 27 Apr 2018 16:10
 Operator : JU/SJ
 Sample : J2544-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

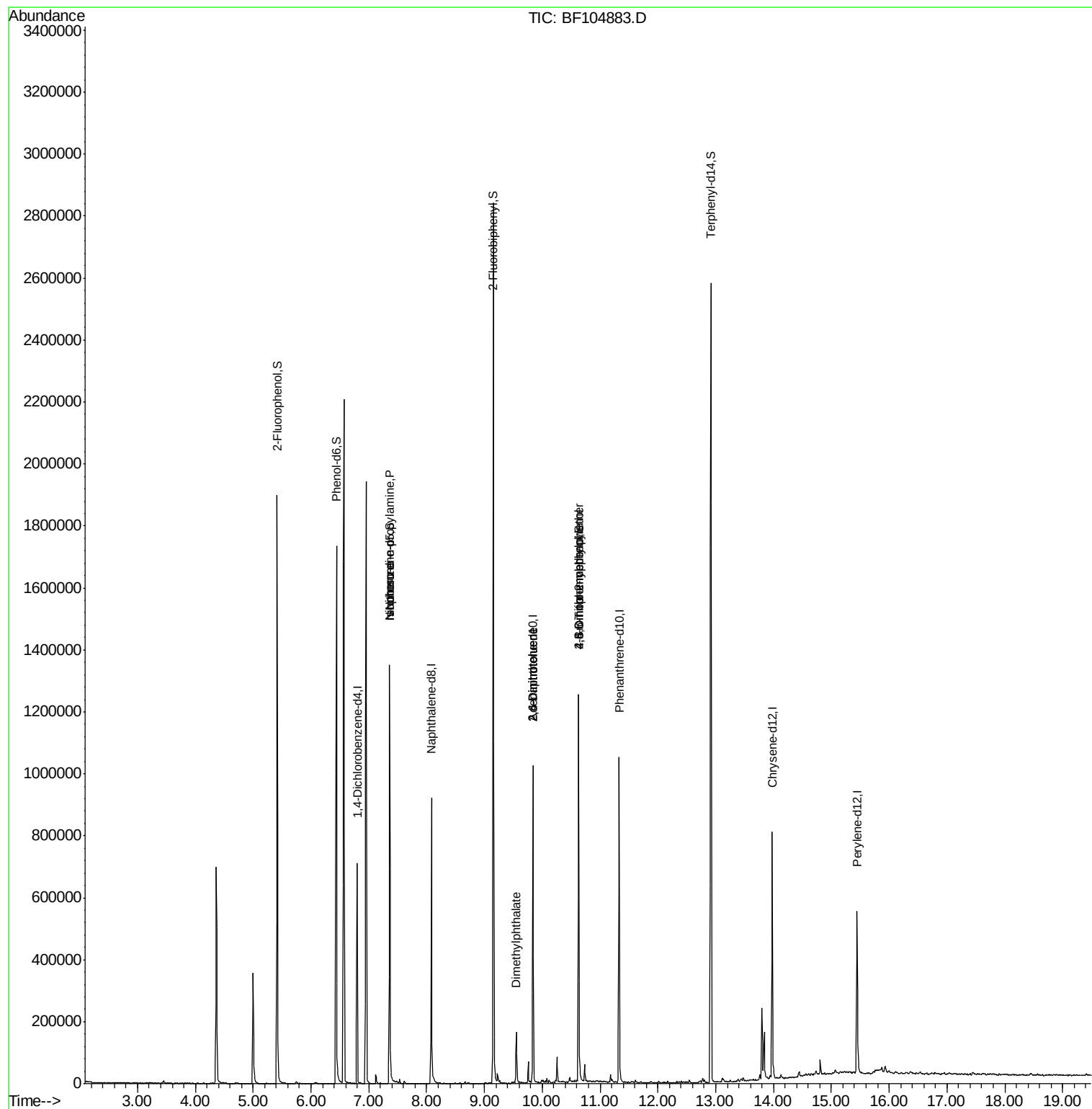
Quant Time: Apr 27 17:17:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

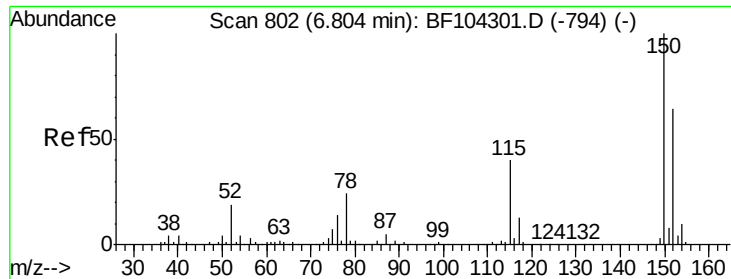
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109085	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	457350	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	214402	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	391787	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273717	20.00	ng	-0.01
86) Perylene-d12	15.44	264	260007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	555150	77.82	ng	0.00
7) Phenol-d6	6.44	99	722497	82.42	ng	0.00
23) Nitrobenzene-d5	7.36	82	467890	66.80	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	171613	77.16	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	887842	65.42	ng	0.00
78) Terphenyl-d14	12.92	244	922176	76.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	58701	10.248	ng	# 73
25) Isophorone	7.36	82	467887	31.590	ng	# 64
49) Dimethylphthalate	9.55	163	70271	4.156	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	26700	8.534	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	26700	6.506	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	136	7.407	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10380	2.491	ng	# 1
76) Benzidine	12.92	184	12164	Below Cal		# 93

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

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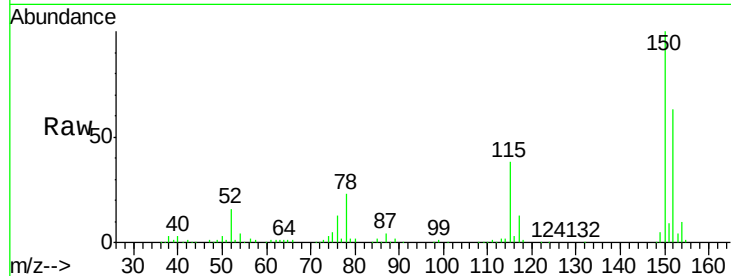




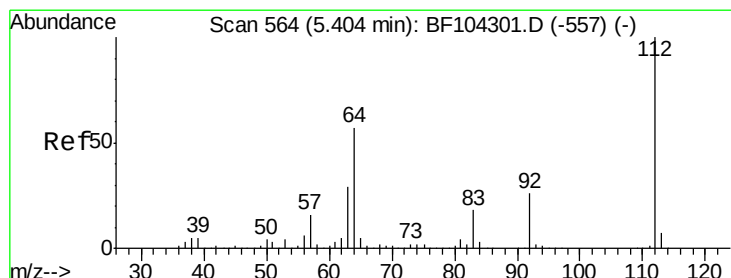
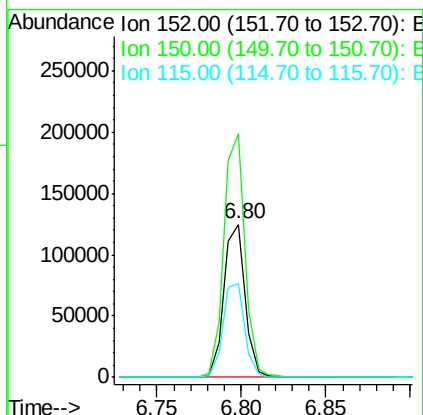
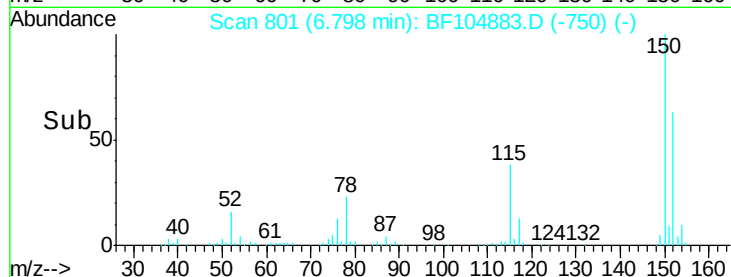
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104883.D
Acq: 27 Apr 2018 16:10

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.0	50.1	75.1



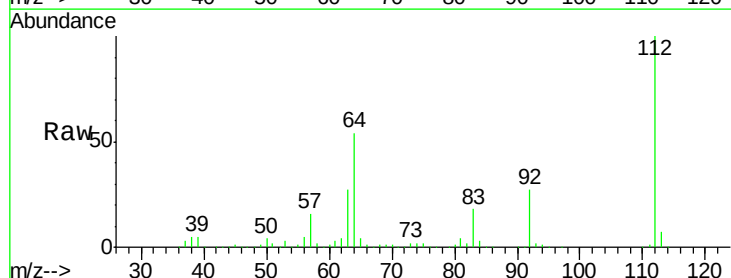
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



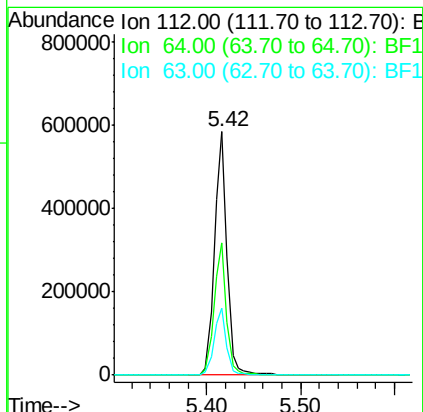
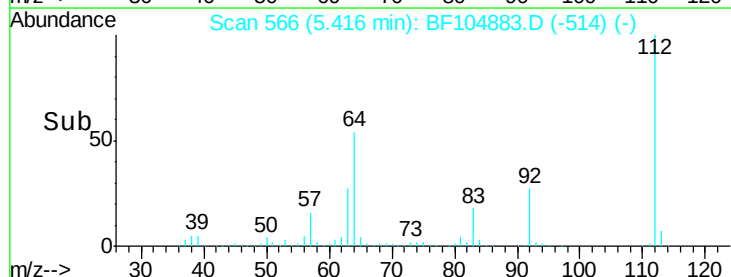
#5

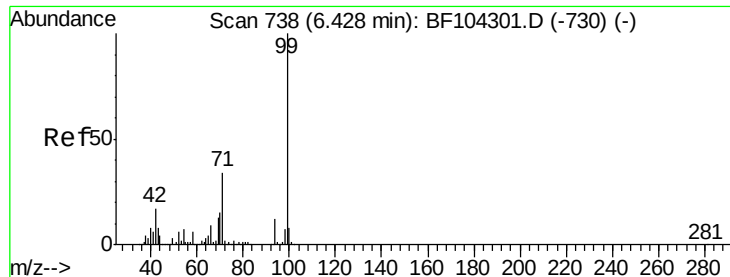
2-Fluorophenol
Concen: 77.816 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104883.D
Acq: 27 Apr 2018 16:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	27.5	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: 82.425 ng

RT: 6.44 min Scan# 740

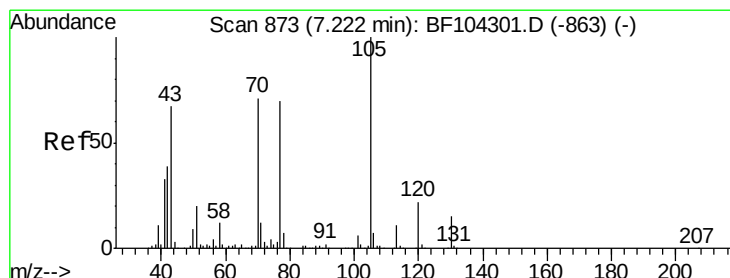
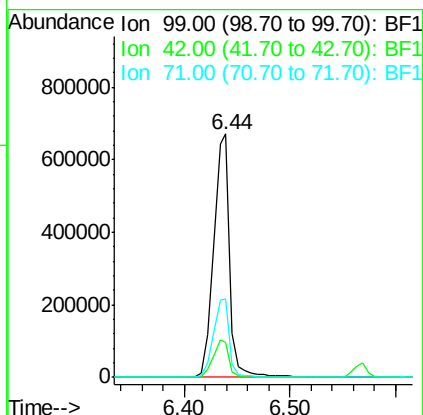
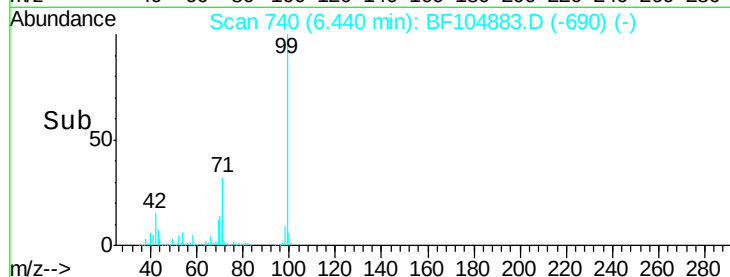
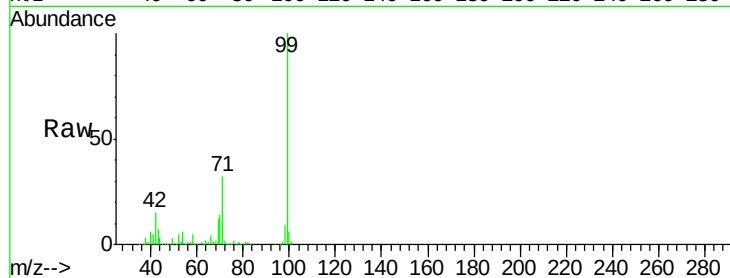
Delta R.T. -0.01 min

Lab File: BF104883.D

Acq: 27 Apr 2018 16:10

Tot Ion: 99 Resp: 722497

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	32.1	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.248 ng

RT: 7.36 min Scan# 897

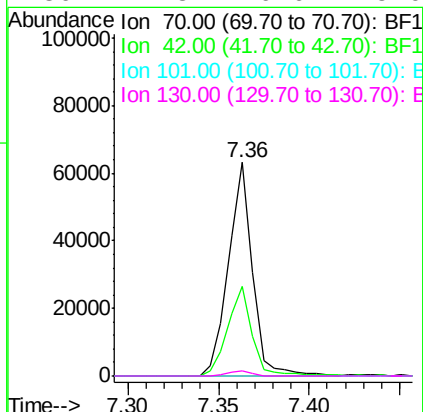
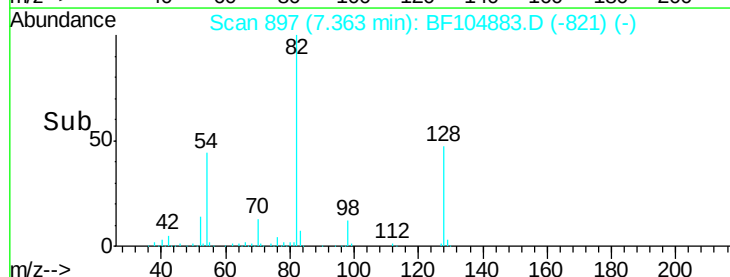
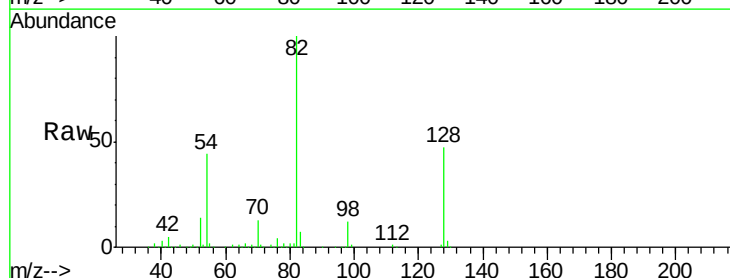
Delta R.T. 0.15 min

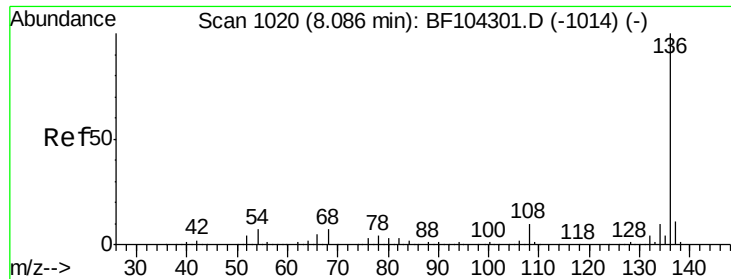
Lab File: BF104883.D

Acq: 27 Apr 2018 16:10

Tgt Ion: 70 Resp: 58701

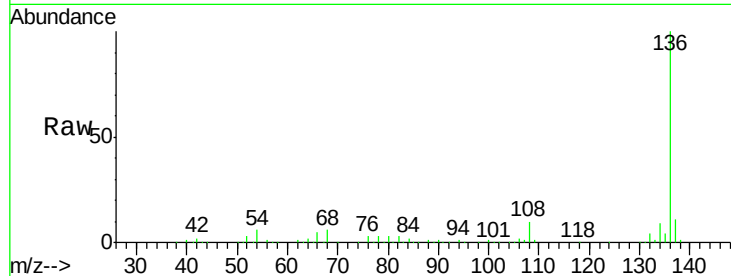
Ion	Ratio	Lower	Upper
70	100		
42	41.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



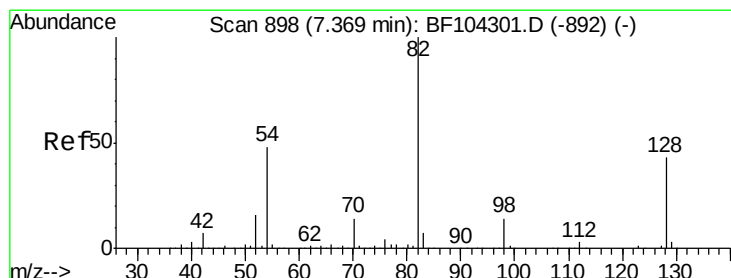
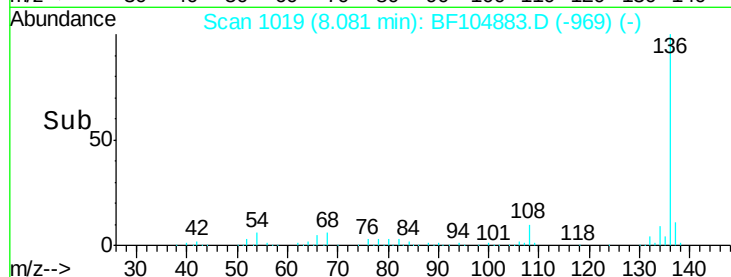
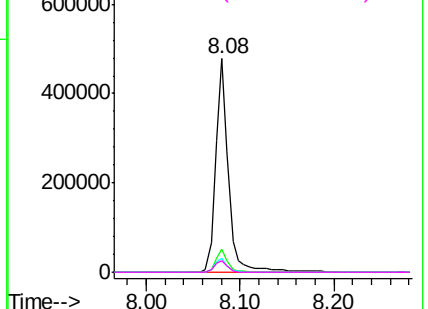


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104883.D
Acq: 27 Apr 2018 16:10

Tot Ion:136	Resp:	457350
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	6.5	6.6 9.8#
68	5.6	5.0 7.4

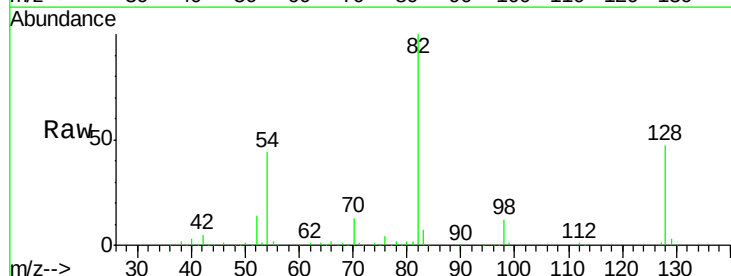


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

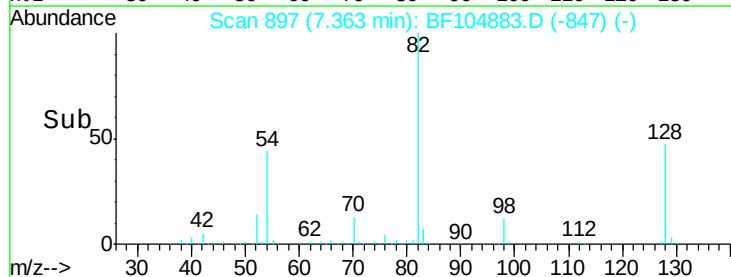
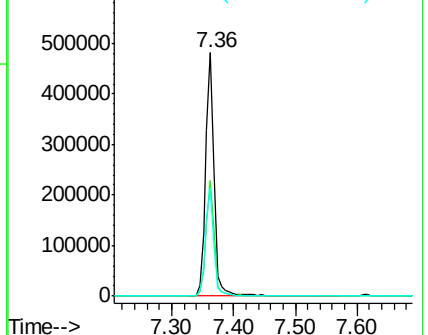


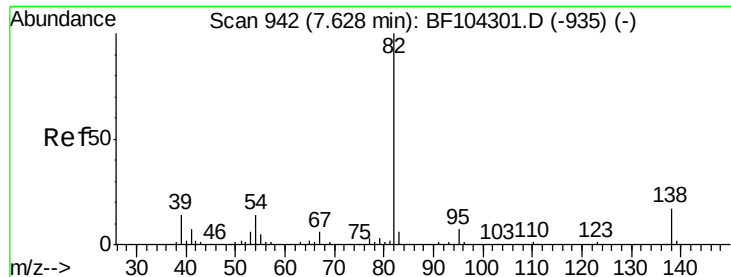
#23
Nitrobenzene-d5
Concen: 66.803 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104883.D
Acq: 27 Apr 2018 16:10

Tgt Ion: 82	Resp:	467890
Ion	Ratio	Lower Upper
82	100	
128	47.5	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: 31.590 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104883.D

Acq: 27 Apr 2018 16:10

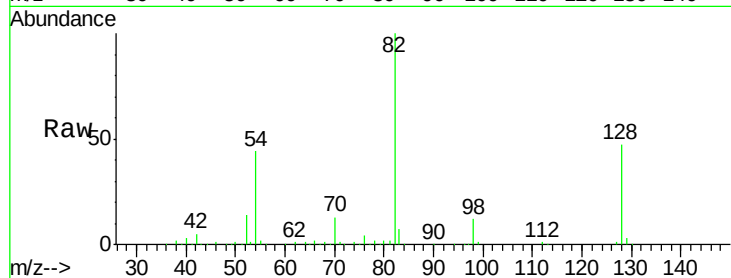
Tot Ion: 82 Resp: 467887

Ion Ratio Lower Upper

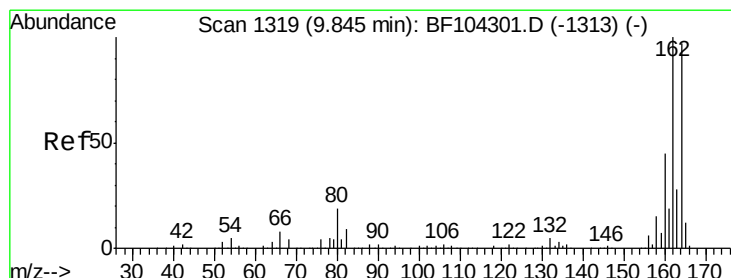
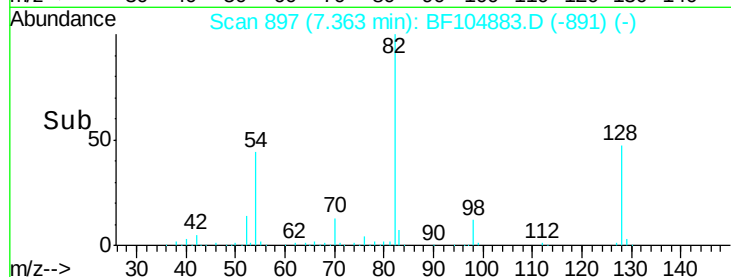
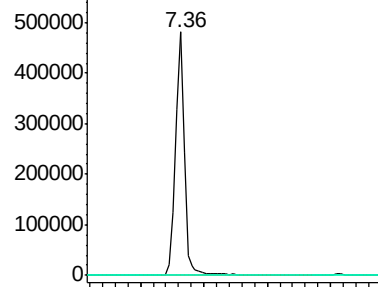
82 100

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. 0.00 min

Lab File: BF104883.D

Acq: 27 Apr 2018 16:10

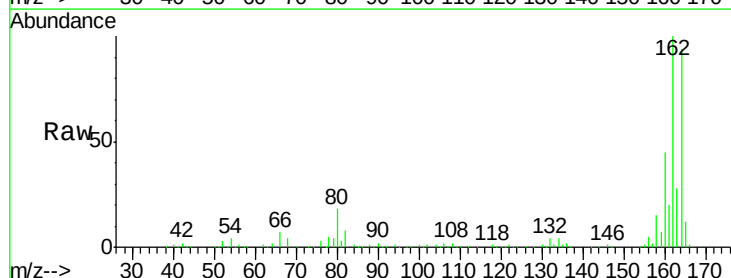
Tgt Ion: 164 Resp: 214402

Ion Ratio Lower Upper

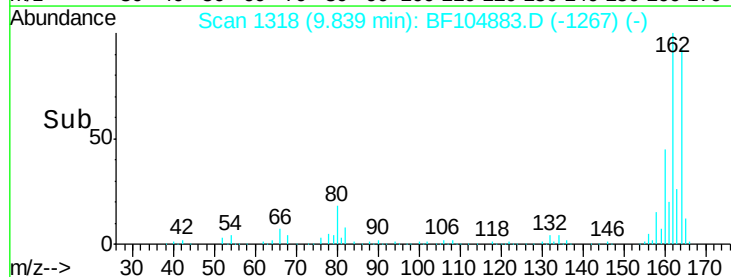
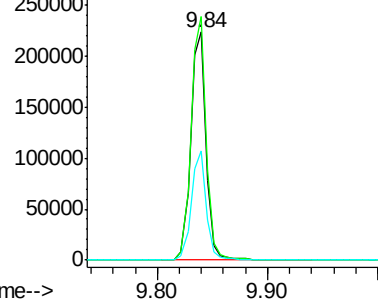
164 100

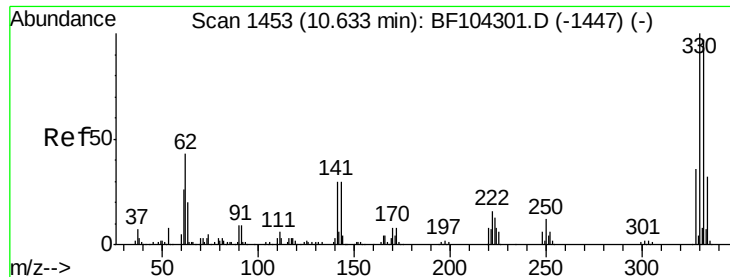
162 106.7 86.1 129.1

160 47.6 38.3 57.5



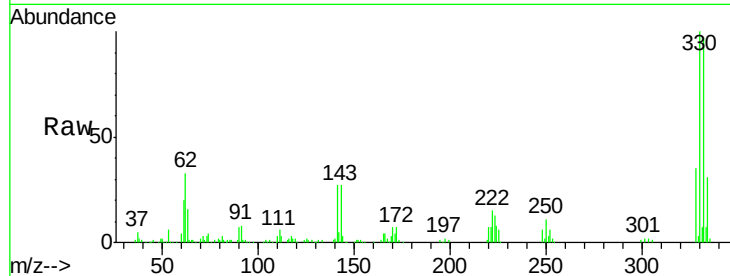
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



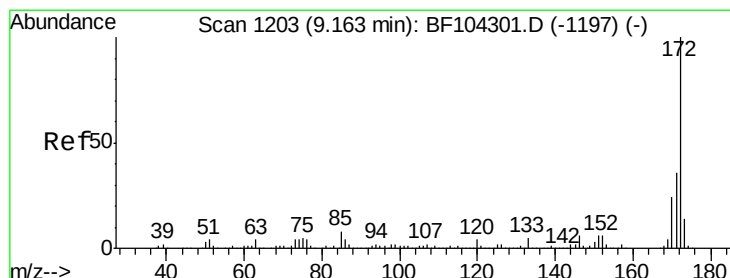
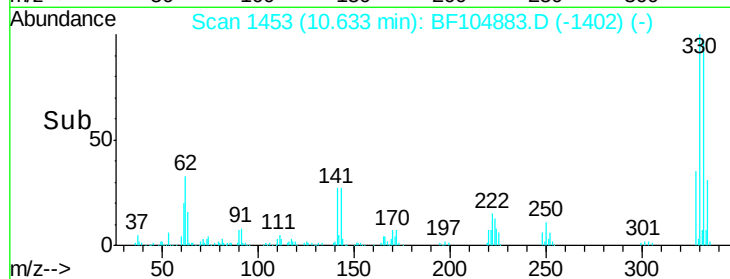
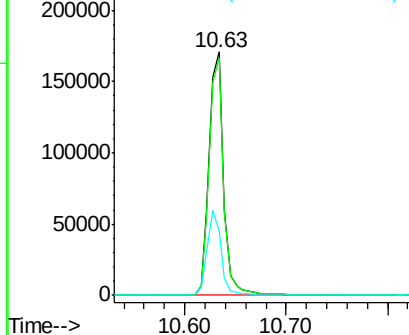


#41
 2,4,6-Tribromophenol
 Concen: 77.162 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tot Ion	330	Resp	171613
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	96.8		
141	33.2		
	29.9		

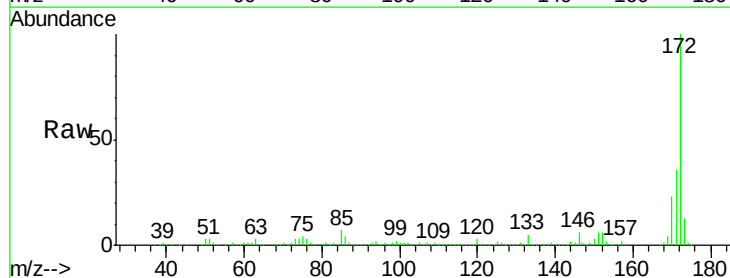


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

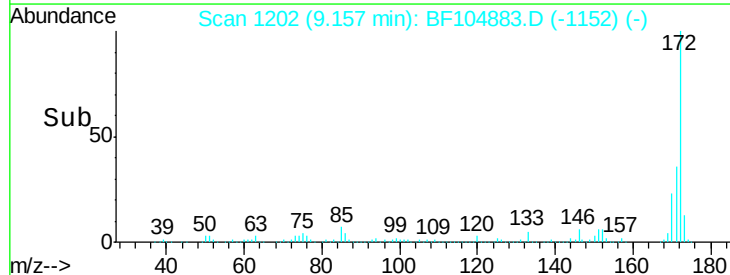
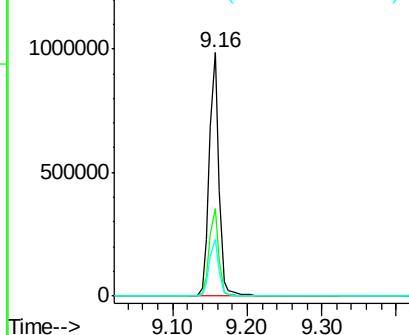


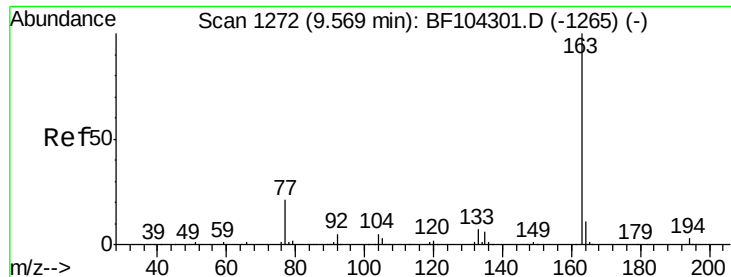
#44
 2-Fluorobiphenyl
 Concen: 65.418 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tgt Ion	172	Resp	887842
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
171	36.0		
170	23.5		
	19.6		



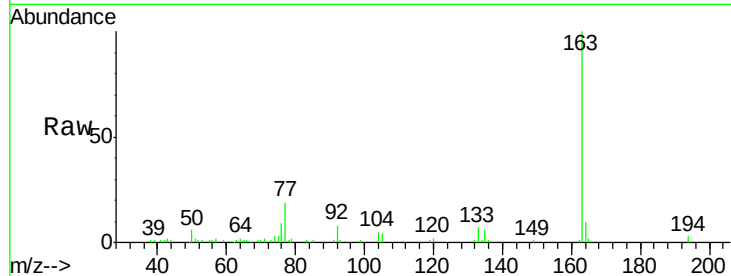
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



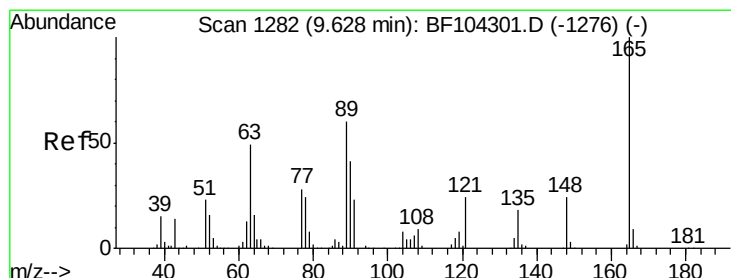
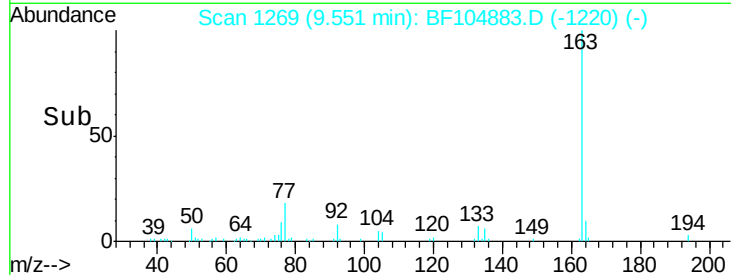
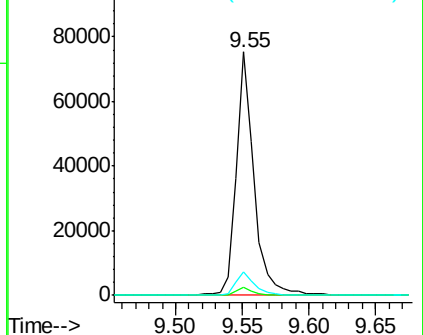


#49
 Dimethylphthalate
 Concen: 4.156 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tot Ion:163	Resp:	70271
Ion Ratio	Lower	Upper
163	100	
194	3.4	2.7 4.1
164	9.6	8.2 12.2

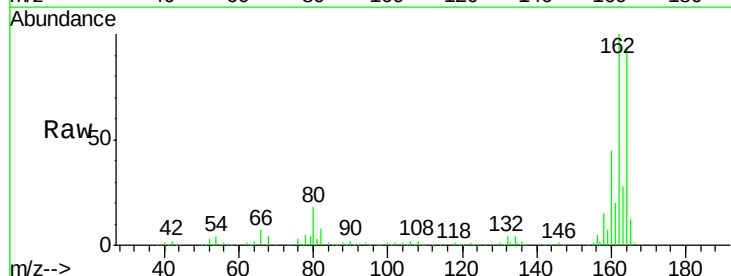


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

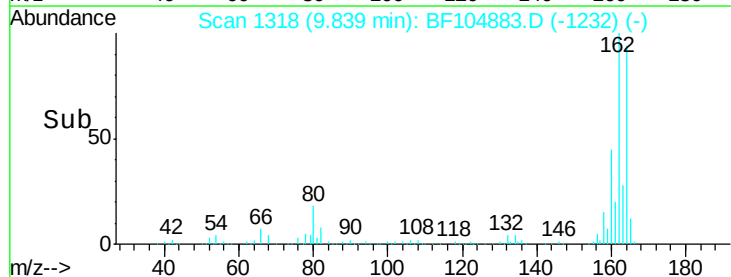
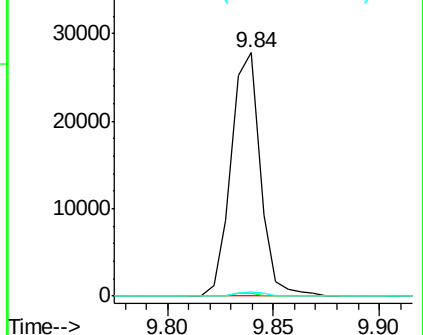


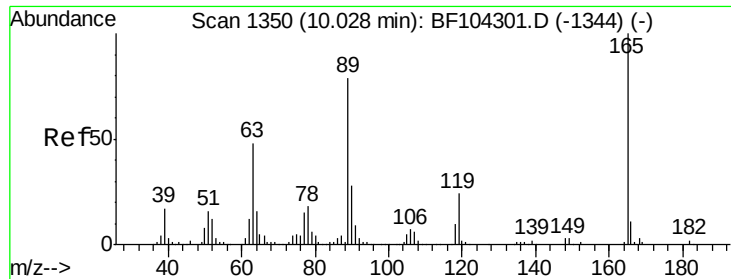
#50
 2,6-Dinitrotoluene
 Concen: 8.534 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tgt Ion:165	Resp:	26700
Ion Ratio	Lower	Upper
165	100	
63	1.3	44.7 67.1#
89	1.6	44.0 66.0#



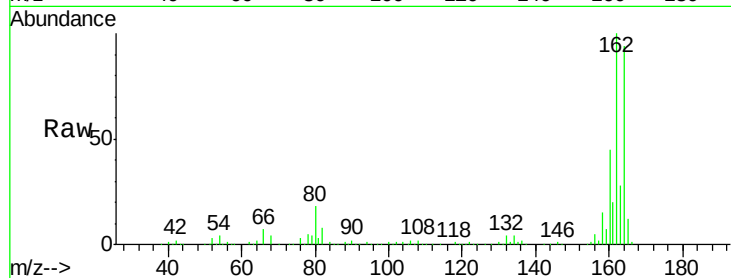
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





#56
 2,4-Dinitrotoluene
 Concen: 6.506 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tot Ion:	165	Resp:	26700
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

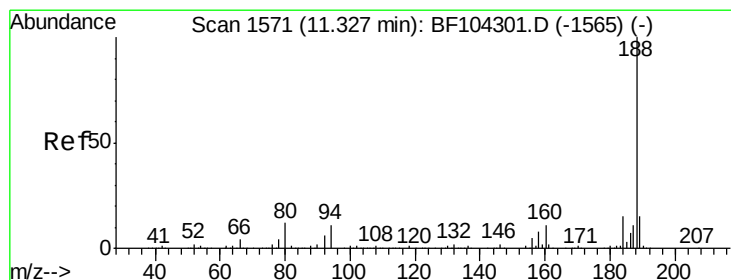
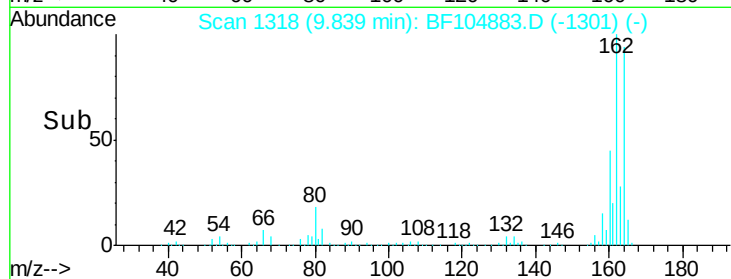
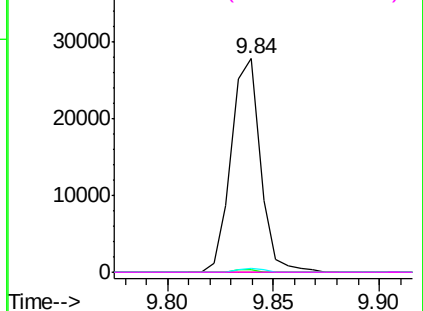


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

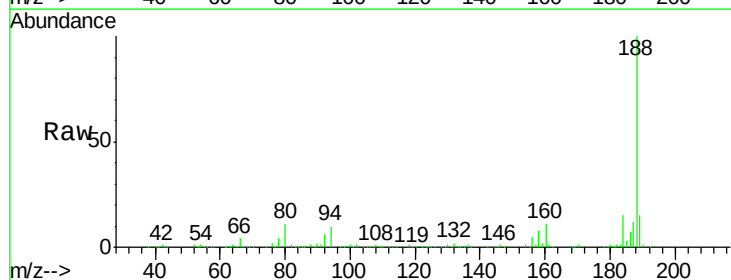
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

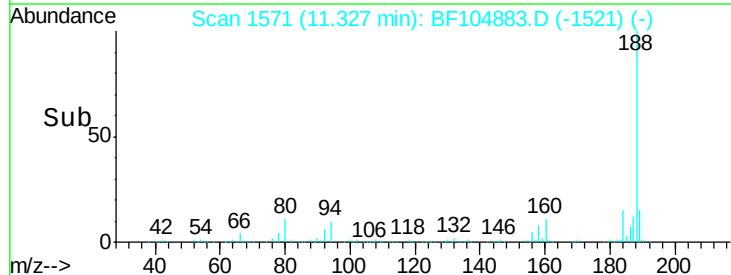
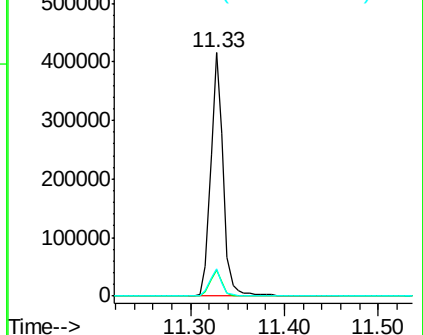
Tgt Ion:	188	Resp:	391787
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.5	9.2	13.8

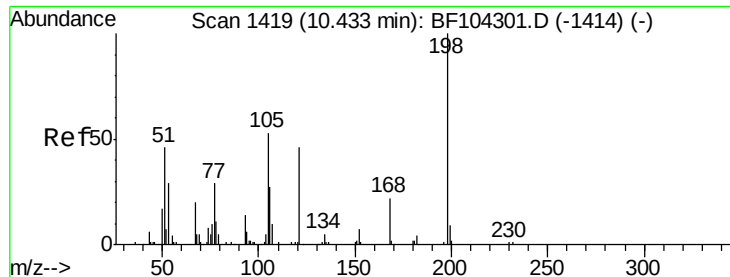


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

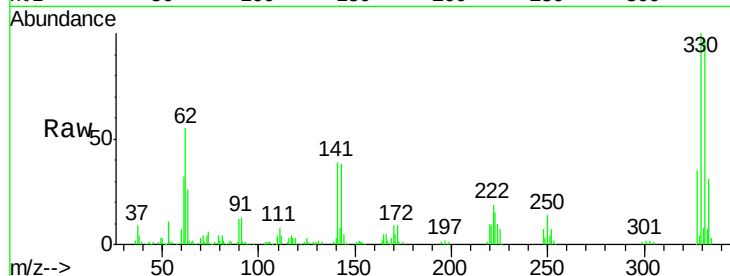
Ion 80.00 (79.70 to 80.70): BF1



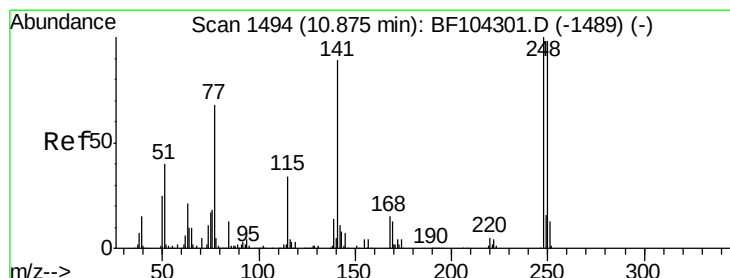
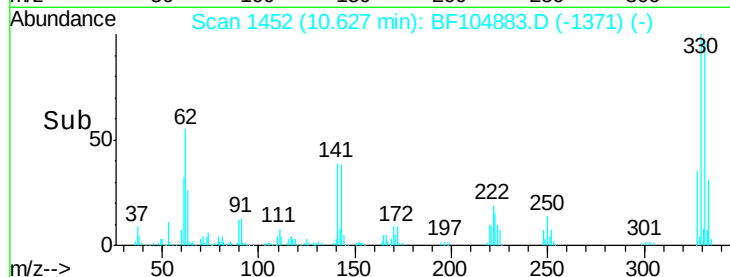
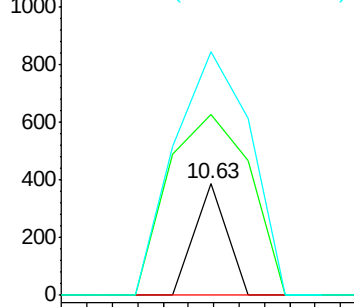


#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.407 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.18 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tot Ion	Ratio	Lower	Upper
198	100		
51	162.7	37.7	77.7#
105	218.4	36.3	76.3#

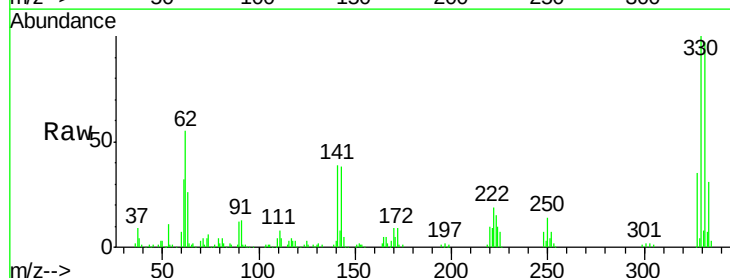


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

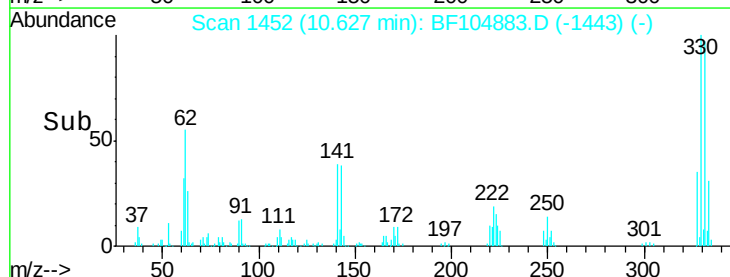
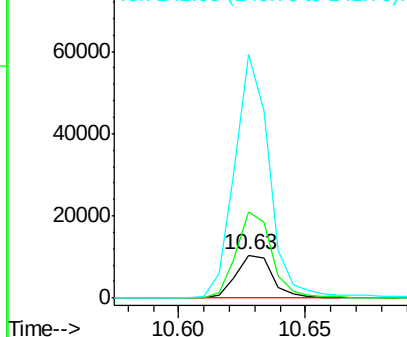


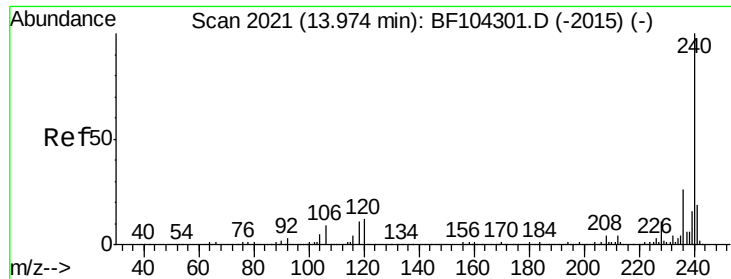
#66
 4-Bromophenyl-phenylether
 Concen: 2.491 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.0	76.9	115.3#
141	569.8	74.4	111.6#



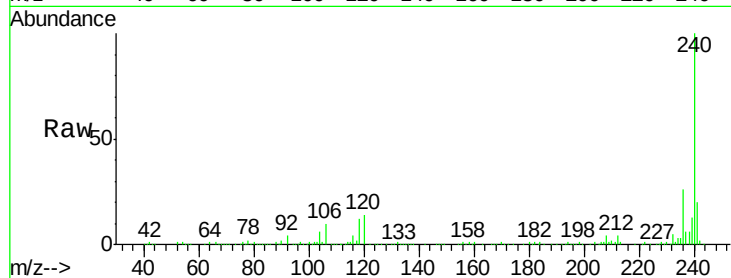
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



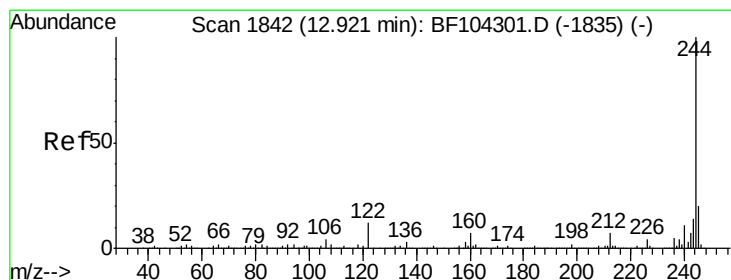
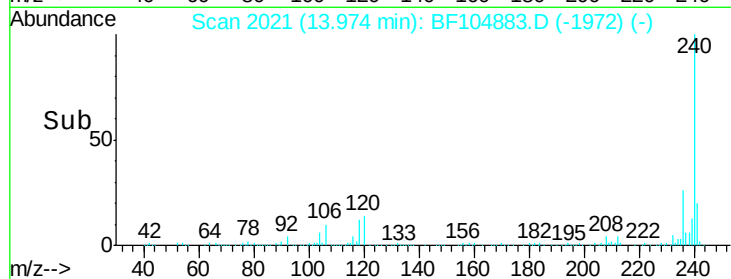
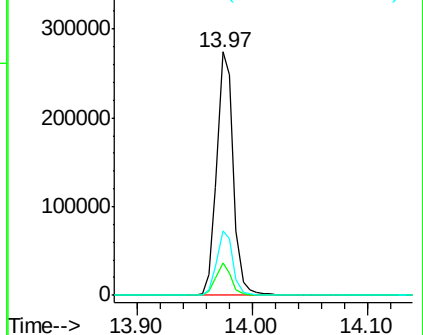


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.2	20.7	31.1

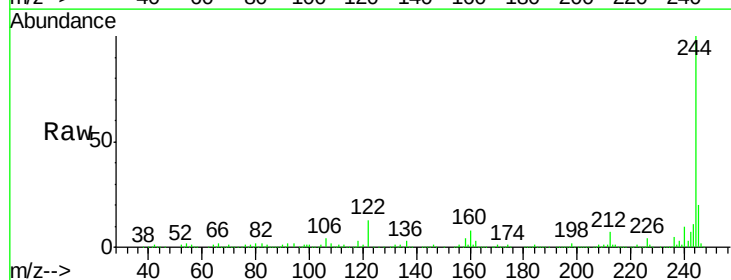


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

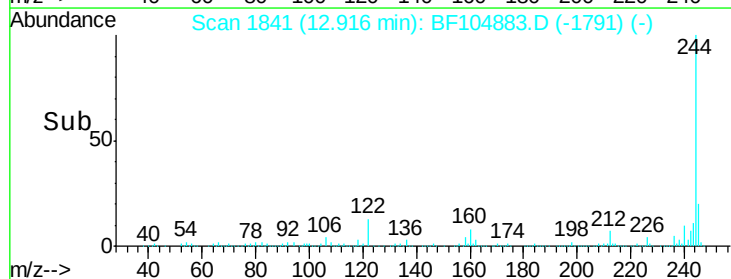
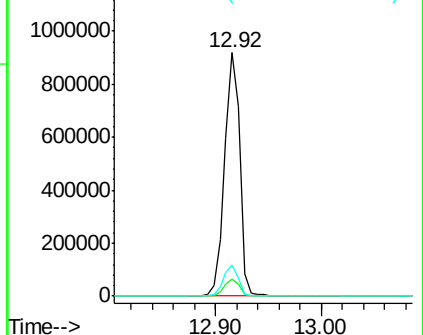


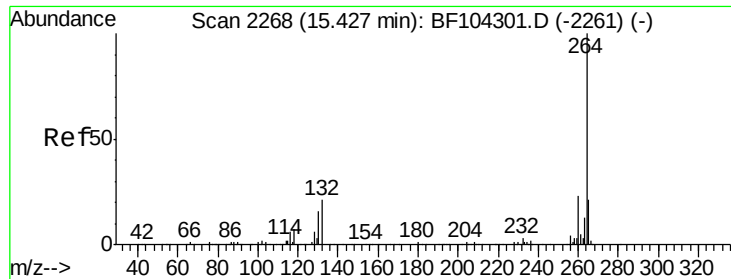
#78
 Terphenyl-d14
 Concen: 76.809 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.0	11.0	16.4



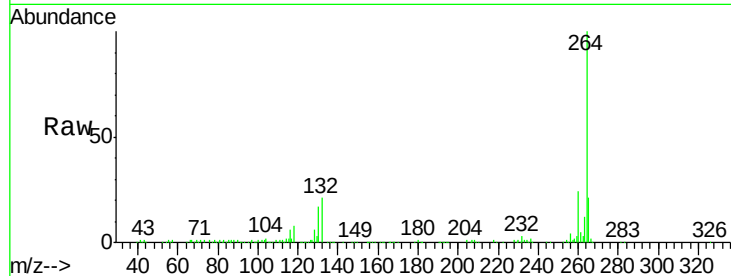
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104883.D
Acq: 27 Apr 2018 16:10

Tot Ion:264	Resp:	260007
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.2 28.8
265	21.2	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

