

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104905.D
 Acq On : 28 Apr 2018 3:03
 Operator : JU/SJ
 Sample : J2593-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

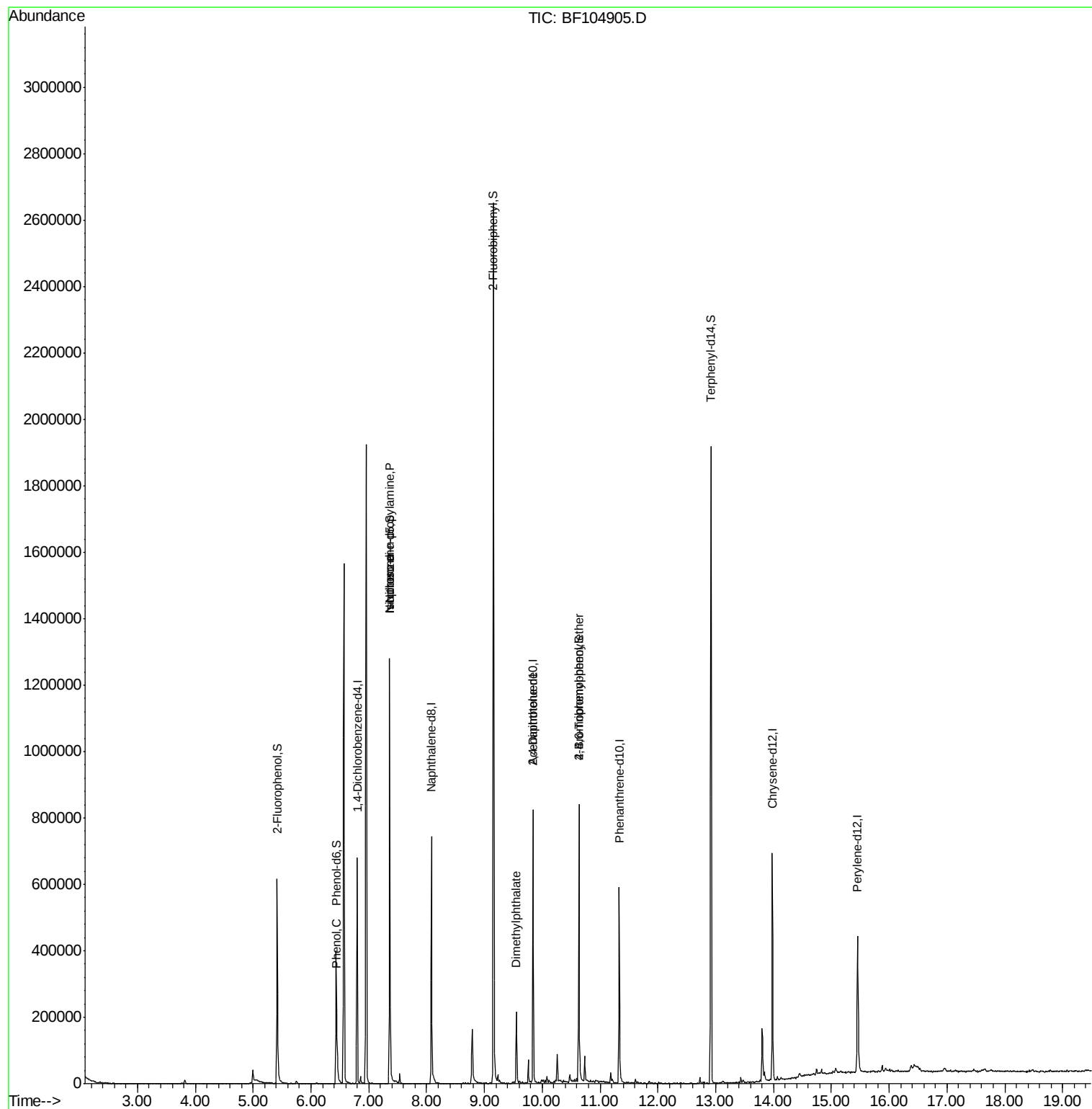
Quant Time: Apr 28 04:39:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

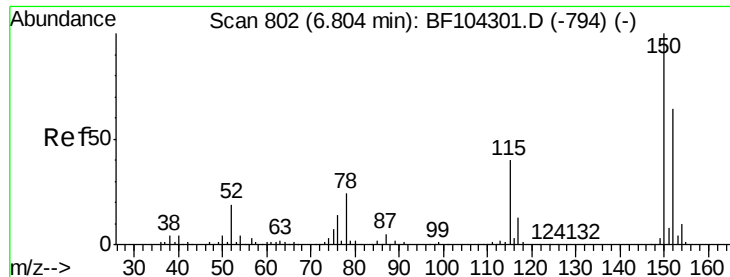
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100995	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	392360	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	158173	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	251110	20.00	ng	0.00
75) Chrysene-d12	13.98	240	235471	20.00	ng	0.00
86) Perylene-d12	15.46	264	197561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	225887	34.20	ng	0.00
7) Phenol-d6	6.43	99	176476	21.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	495696	82.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	114233	69.62	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	857857	85.68	ng	0.00
78) Terphenyl-d14	12.92	244	669252	64.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	23771	2.76	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	64346	12.13	ng	# 73
25) Isophorone	7.36	82	495693	39.01	ng	# 64
49) Dimethylphthalate	9.55	163	85781	6.88	ng	99
56) 2,4-Dinitrotoluene	9.84	165	19832	6.55	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	6825	2.56	ng	# 1
76) Benzidine	12.92	184	8281	Below Cal		95

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

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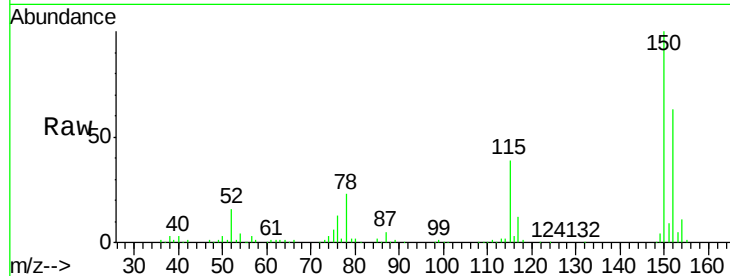




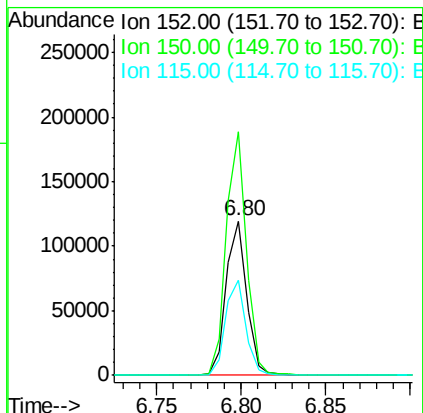
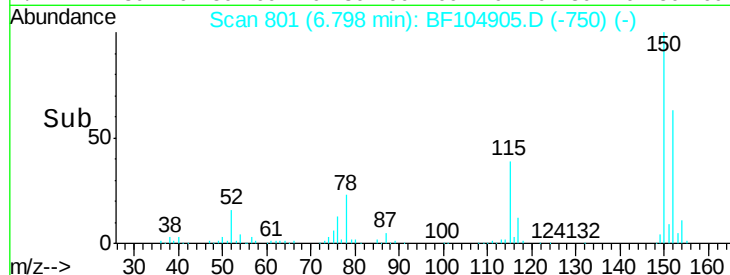
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104905.D
Acq: 28 Apr 2018 3:03

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.9	50.1	75.1



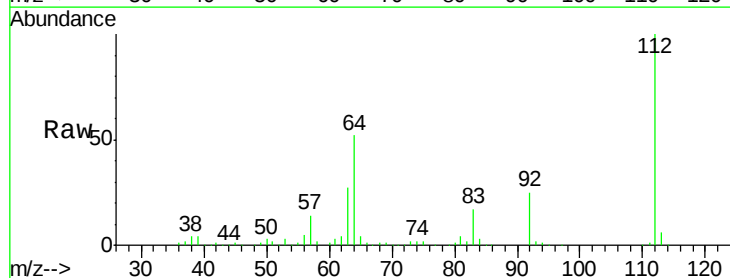
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



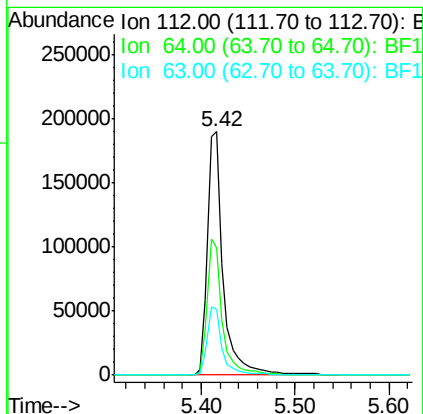
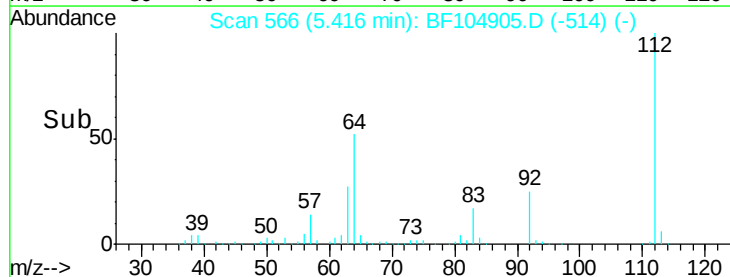
#5

2-Fluorophenol
Concen: 34.20 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104905.D
Acq: 28 Apr 2018 3:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	26.7	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: 21.75 ng

RT: 6.43 min Scan# 739

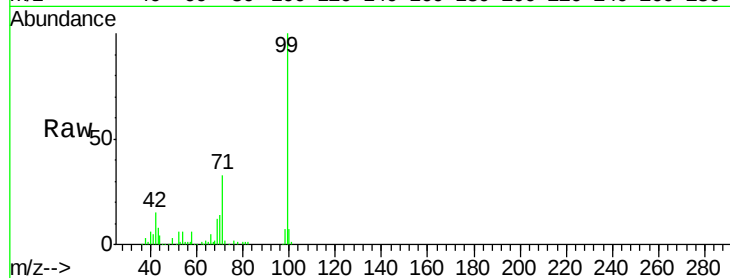
Delta R.T. -0.01 min

Lab File: BF104905.D

Acq: 28 Apr 2018 3:03

Tot Ion: 99 Resp: 176476

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	32.9	25.4	38.0

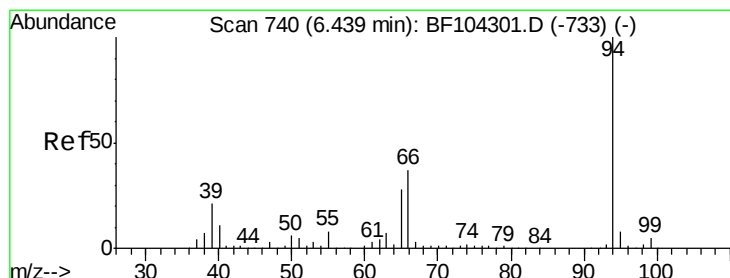
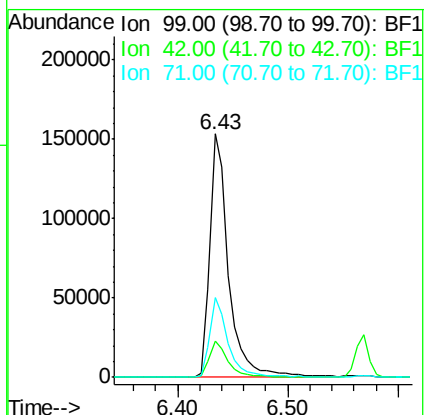
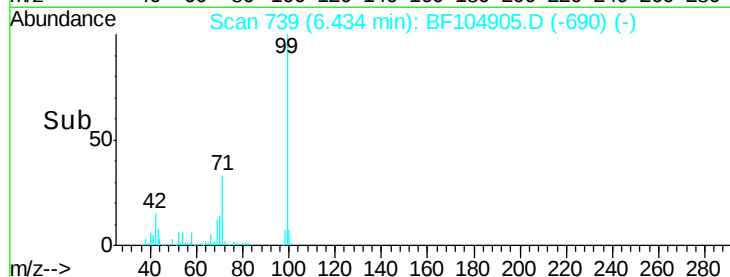


Abundance

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



#10

Phenol

Concen: 2.76 ng

RT: 6.45 min Scan# 742

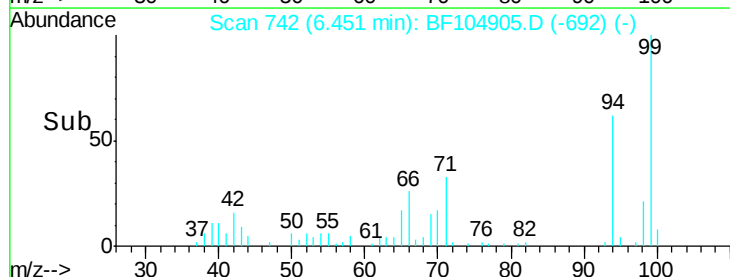
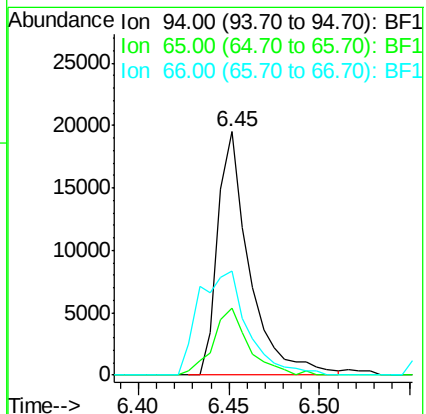
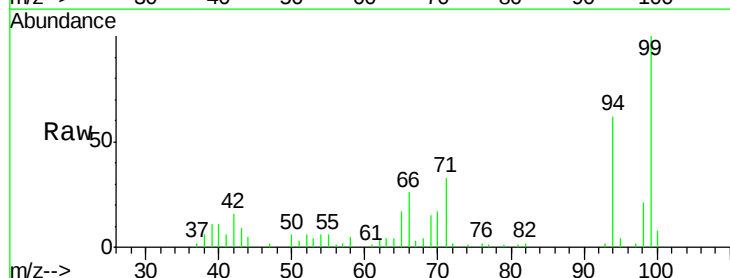
Delta R.T. -0.01 min

Lab File: BF104905.D

Acq: 28 Apr 2018 3:03

Tgt Ion: 94 Resp: 23771

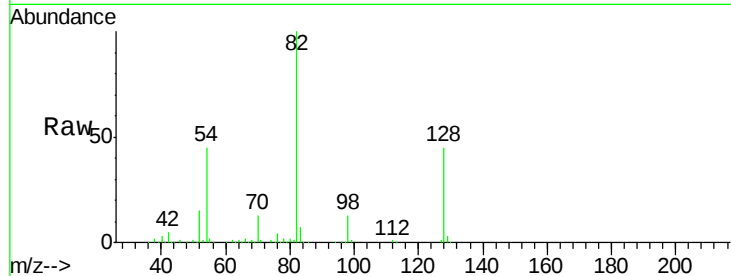
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	42.7	16.2	56.2



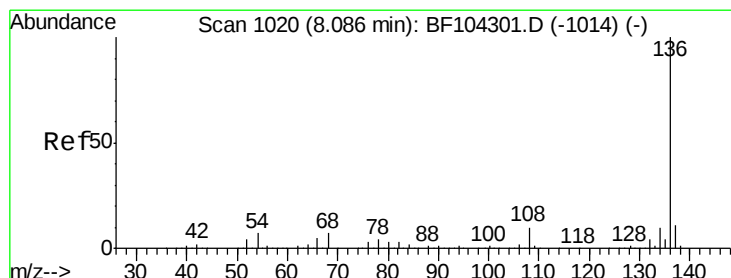
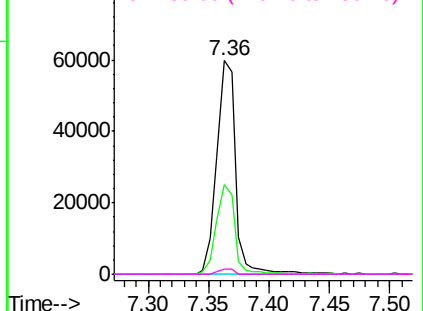
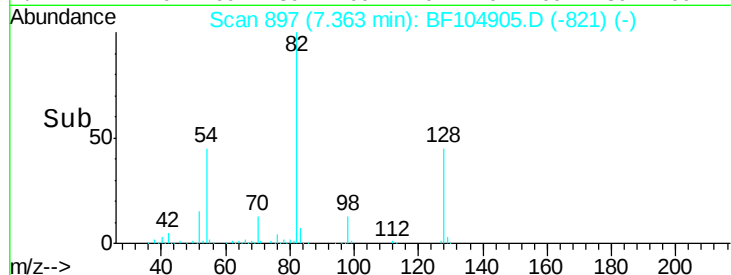


#19
n-Nitroso-di-n-propylamine
Concen: 12.13 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF104905.D
Acq: 28 Apr 2018 3:03

Tot Ion: 70 Resp: 64346
Ion Ratio Lower Upper
70 100
42 41.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

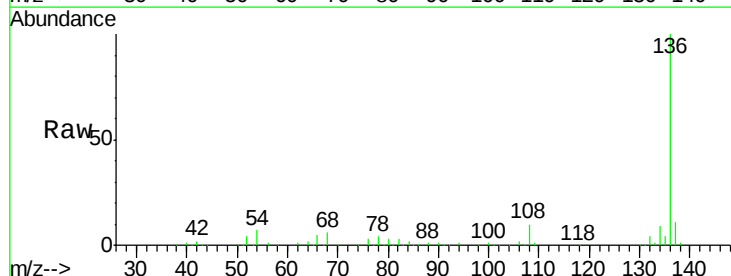


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

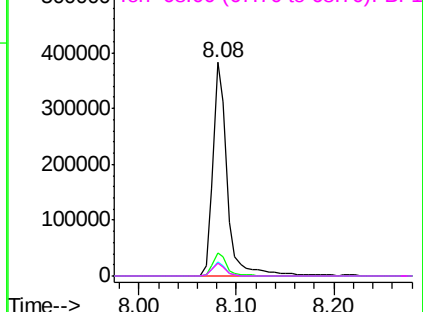
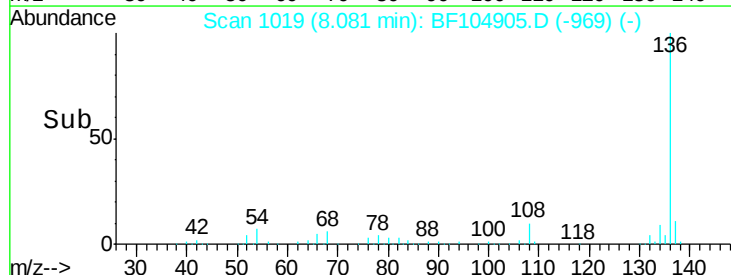


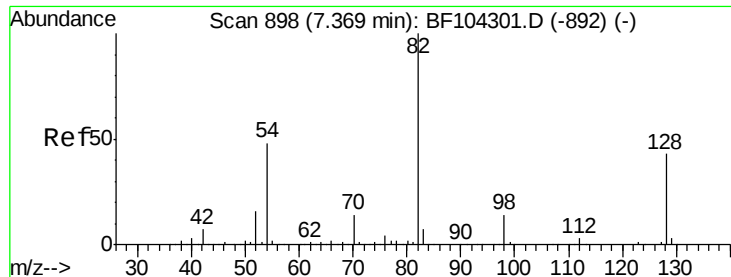
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104905.D
Acq: 28 Apr 2018 3:03

Tgt Ion: 136 Resp: 392360
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4



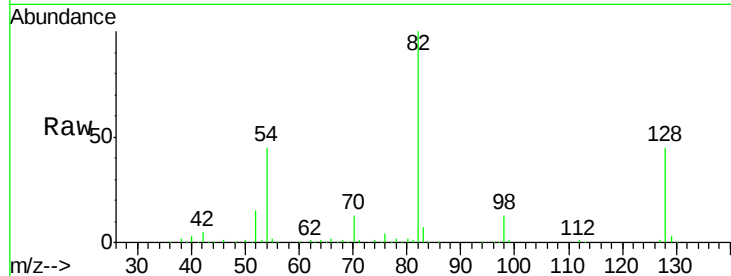
Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



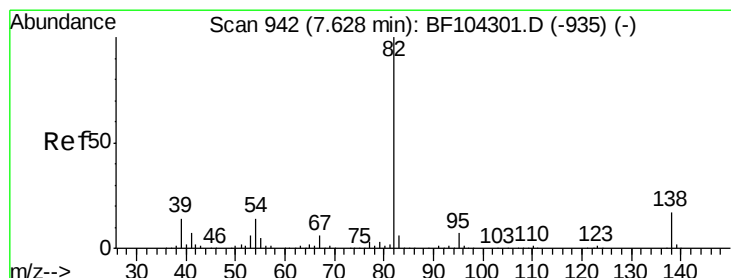
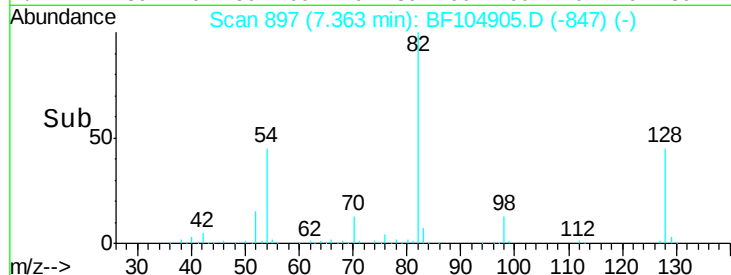
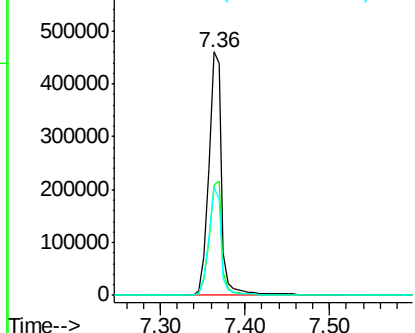


#23
 Nitrobenzene-d5
 Concen: 82.50 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104905.D
 Acq: 28 Apr 2018 3:03

Tot Ion	82	Resp	495696
Ion Ratio	100	Lower	Upper
128	45.2	36.1	54.1
54	44.5	41.4	62.2

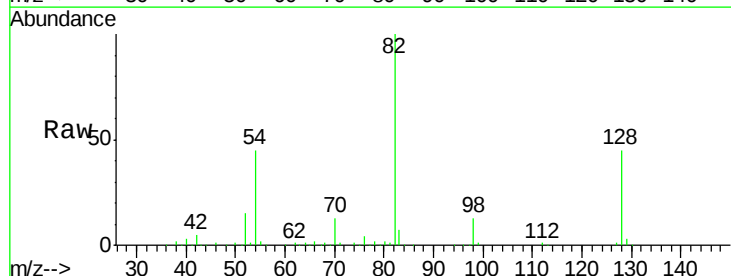


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

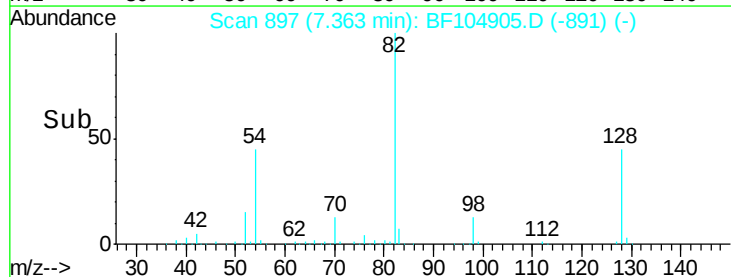
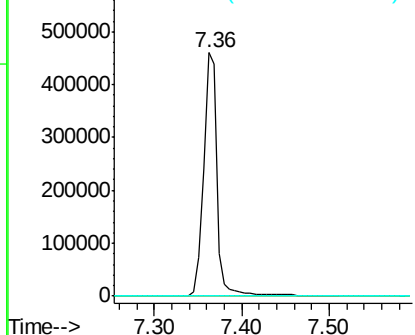


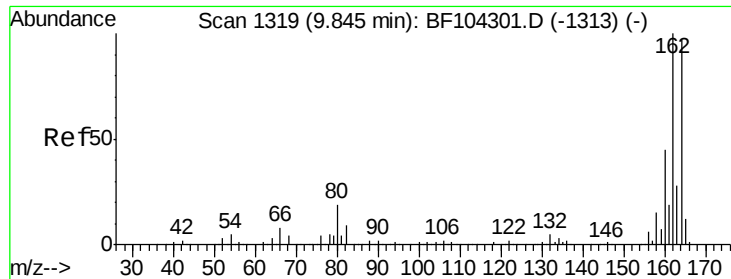
#25
 Isophorone
 Concen: 39.01 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104905.D
 Acq: 28 Apr 2018 3:03

Tgt Ion	82	Resp	495693
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



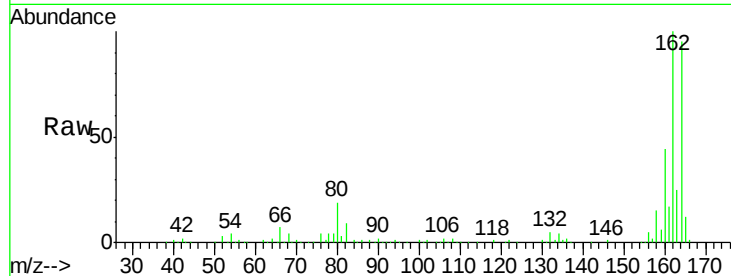
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1



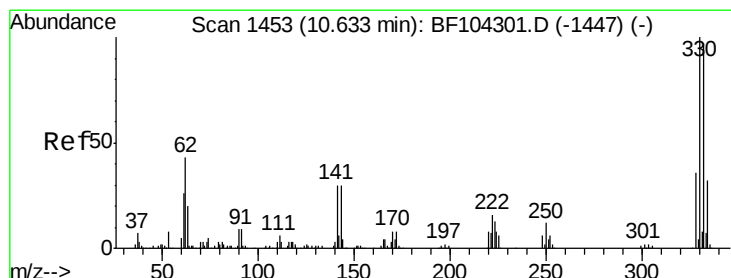
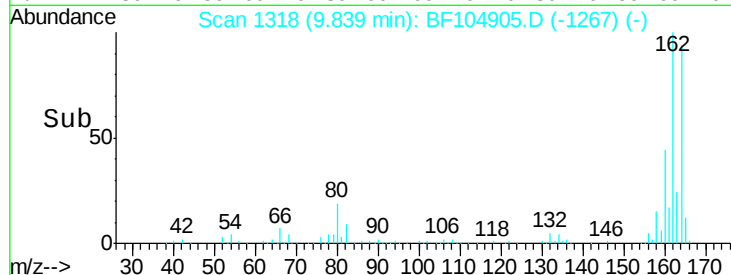
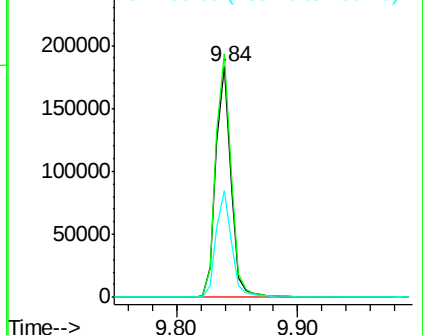


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF104905.D
Acq: 28 Apr 2018 3:03

Tot Ion:164 Resp: 158173
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 46.3 38.3 57.5

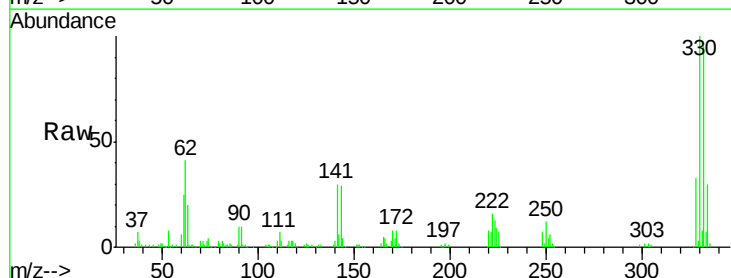


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

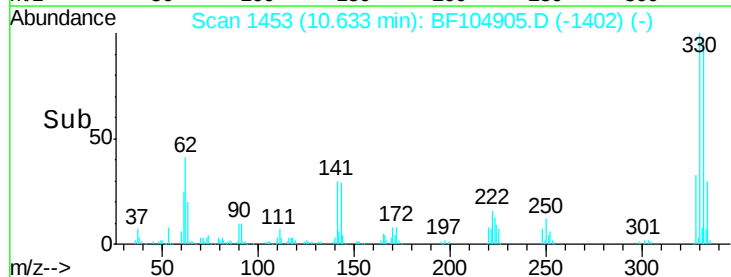
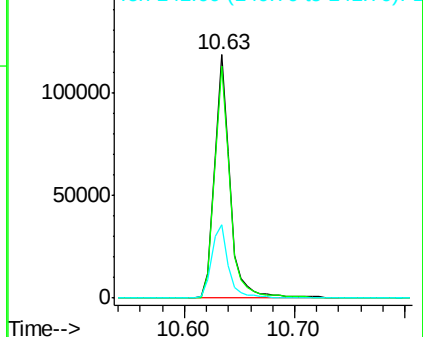


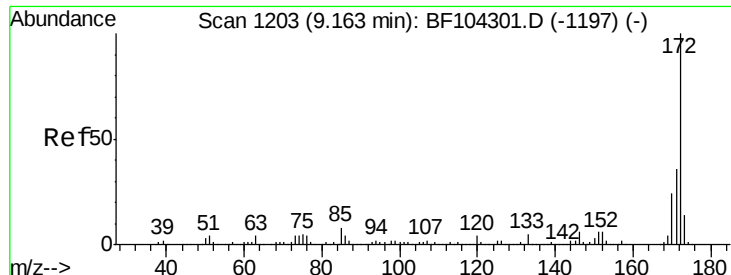
#41
2,4,6-Tribromophenol
Concen: 69.62 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF104905.D
Acq: 28 Apr 2018 3:03

Tgt Ion:330 Resp: 114233
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 32.3 29.9 44.9



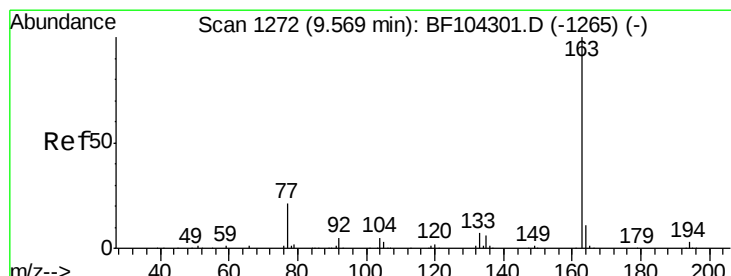
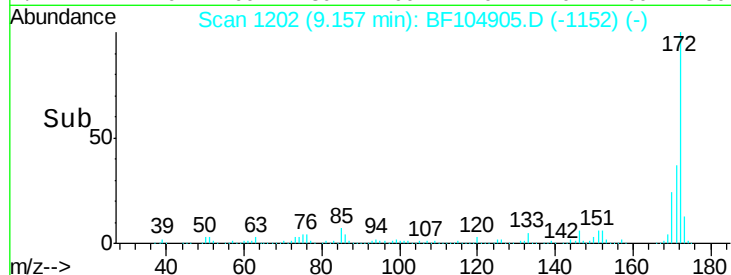
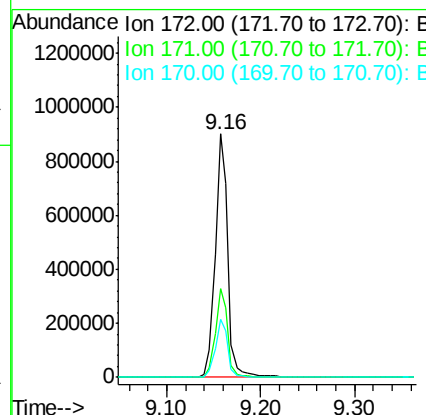
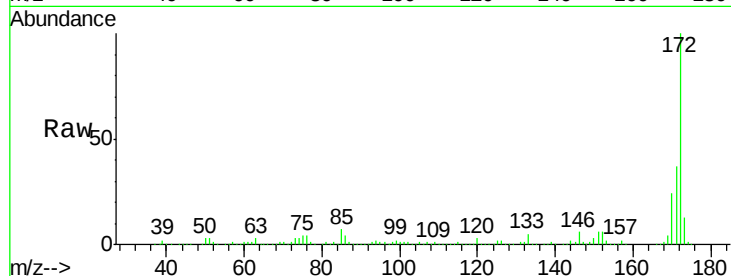
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





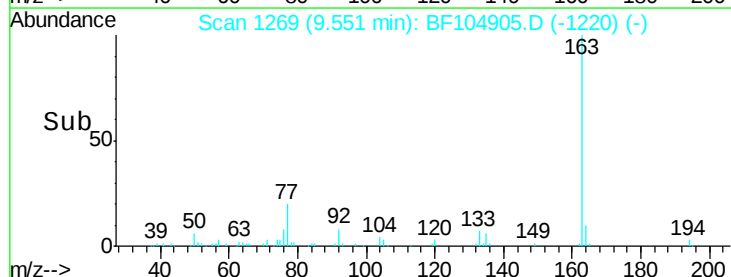
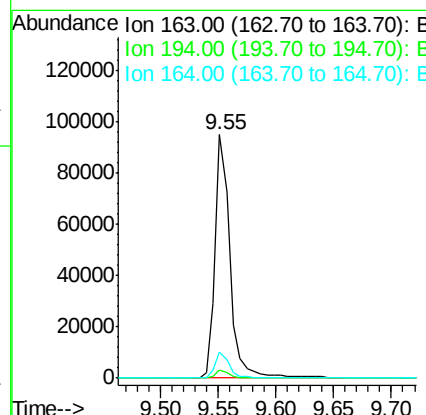
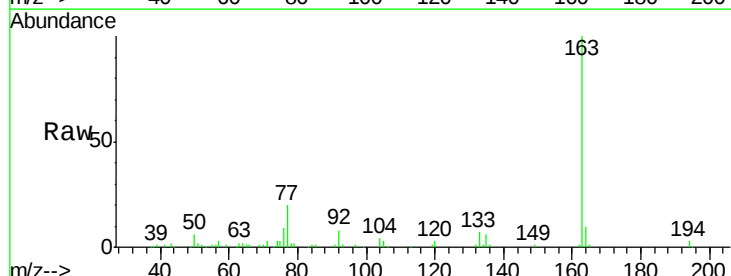
#44
2-Fluorobiphenyl
Concen: 85.68 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104905.D
Acq: 28 Apr 2018 3:03

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.7	19.6	29.4



#49
Dimethylphthalate
Concen: 6.88 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104905.D
Acq: 28 Apr 2018 3:03

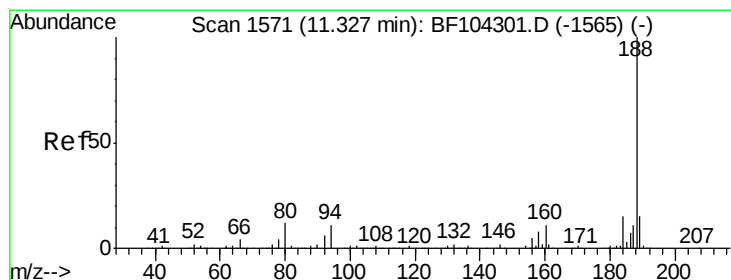
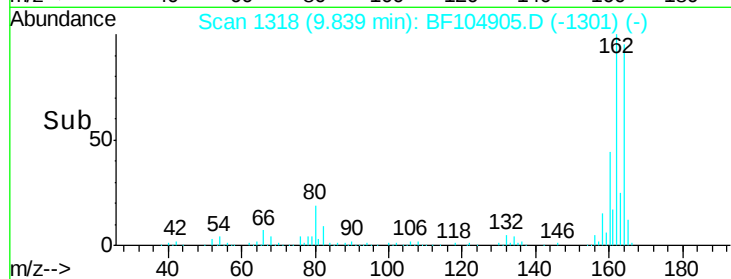
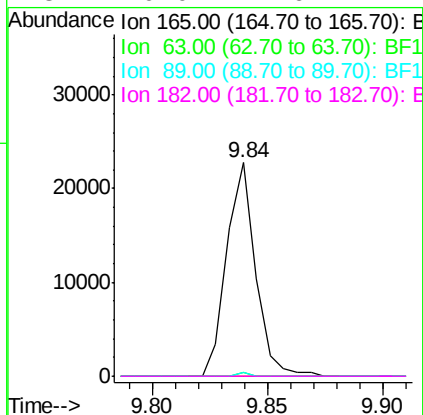
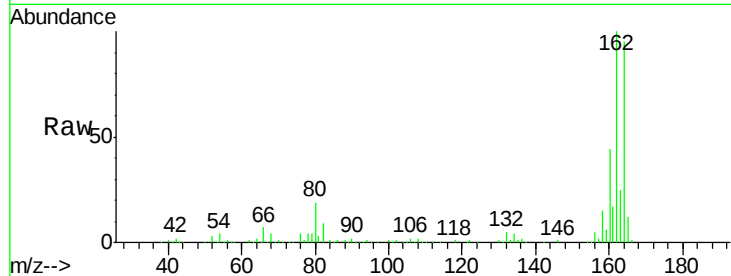
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2





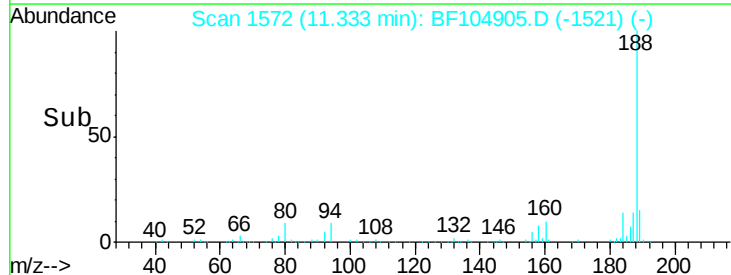
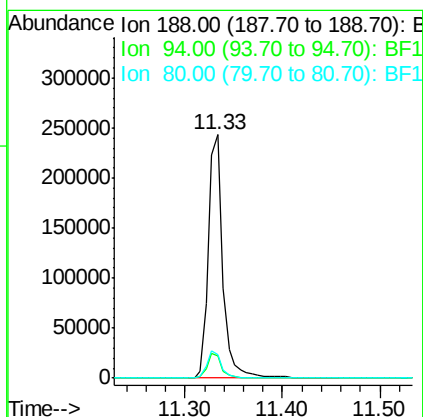
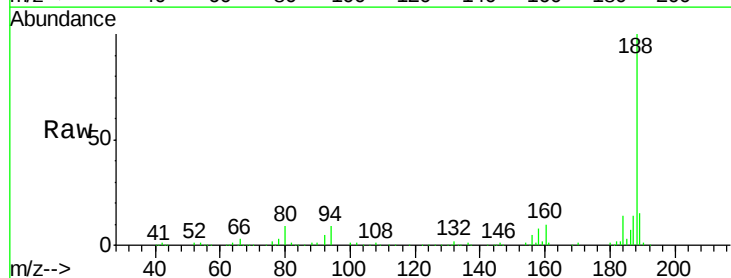
#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104905.D
 Acq: 28 Apr 2018 3:03

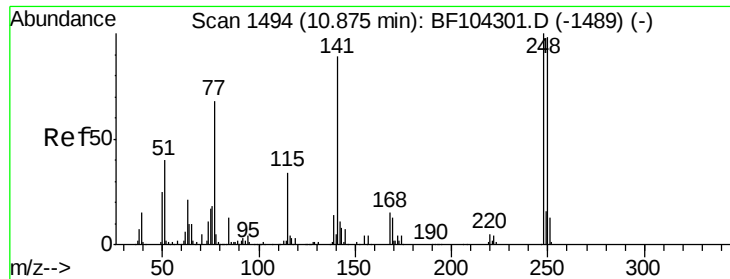
Tot Ion:	165	Resp:	19832
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104905.D
 Acq: 28 Apr 2018 3:03

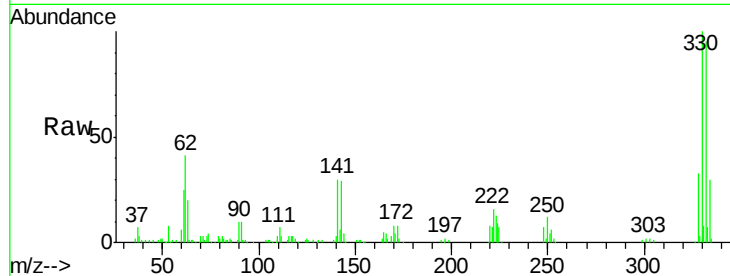
Tgt Ion:	188	Resp:	251110
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8



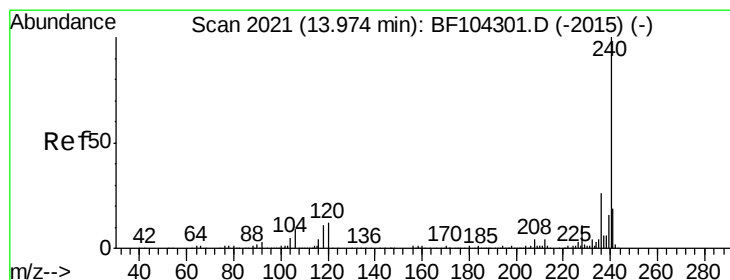
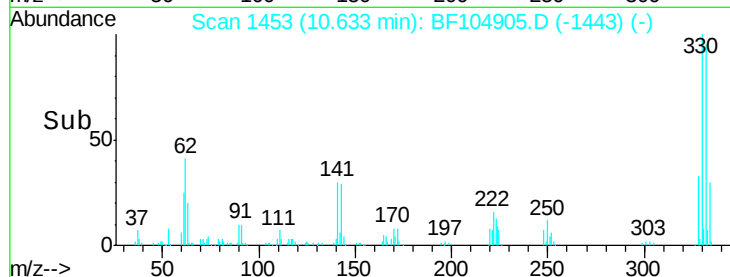
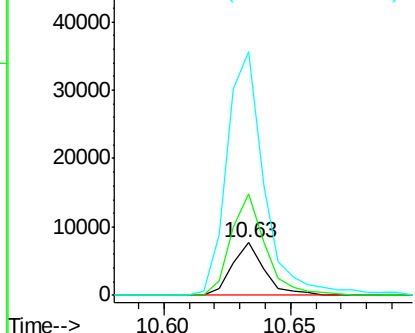


#66
 4-Bromophenyl-phenylether
 Concen: 2.56 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104905.D
 Acq: 28 Apr 2018 3:03

Tot Ion: 248 Resp: 6825
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.9 115.3#
 141 462.2 74.4 111.6#

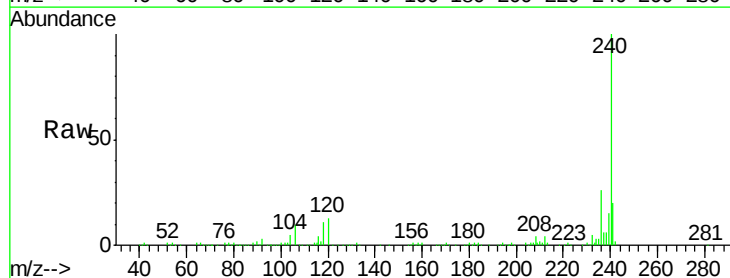


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

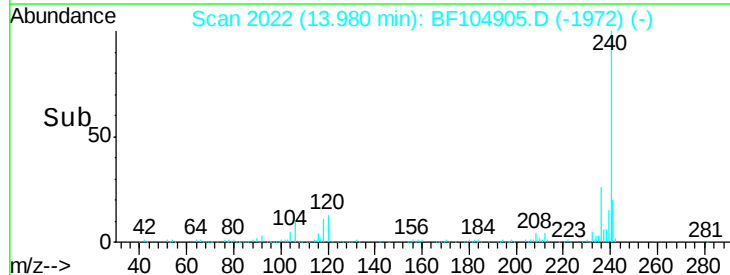
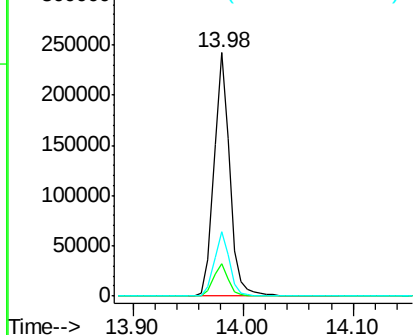


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104905.D
 Acq: 28 Apr 2018 3:03

Tgt Ion: 240 Resp: 235471
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 26.3 20.7 31.1



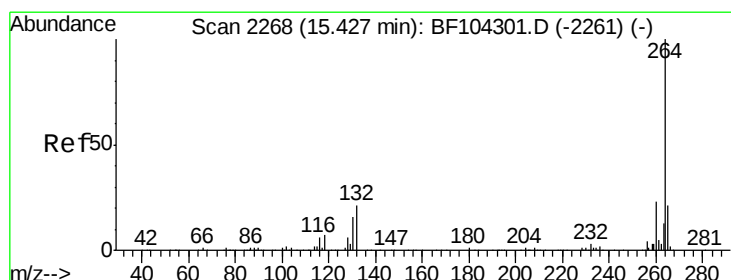
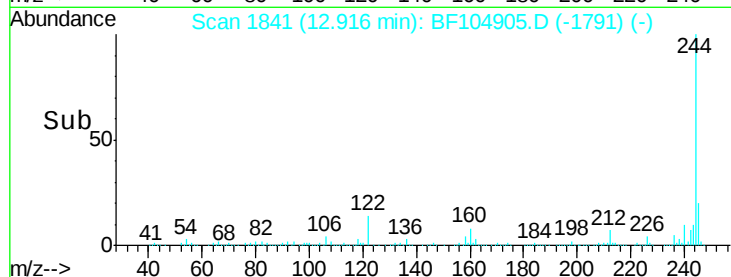
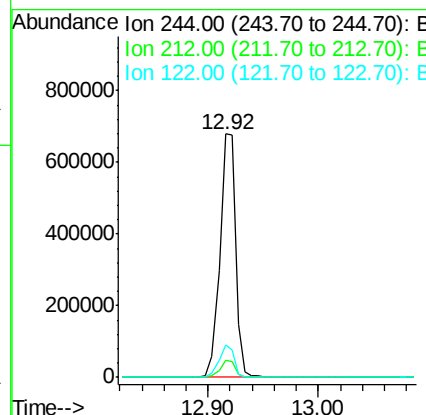
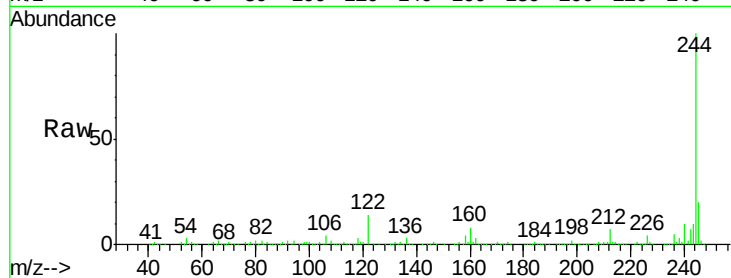
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 64.80 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104905.D
 Acq: 28 Apr 2018 3:03

Tot Ion:244 Resp: 669252
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF104905.D
 Acq: 28 Apr 2018 3:03

Tgt Ion:264 Resp: 197561
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.3 17.5 26.3

