

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104924.D
 Acq On : 28 Apr 2018 11:25
 Operator : JU/SJ
 Sample : J2574-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

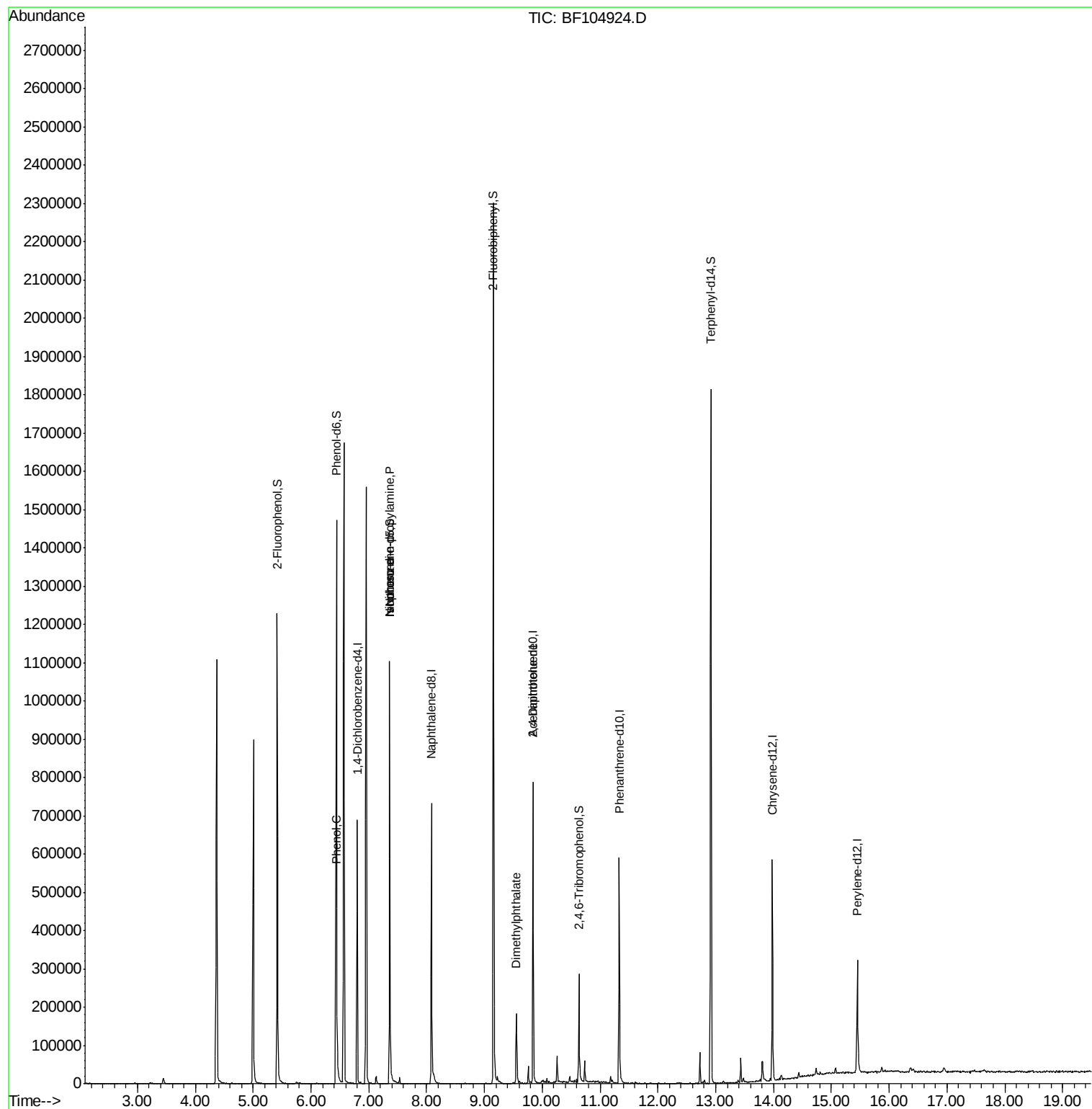
Quant Time: Apr 30 02:28:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

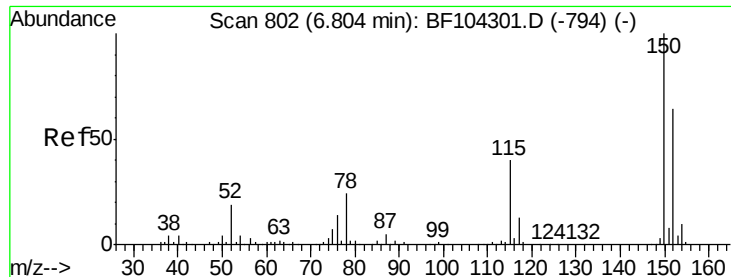
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97400	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	387966	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	158139	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	257039	20.00	ng	0.00
75) Chrysene-d12	13.98	240	207987	20.00	ng	0.00
86) Perylene-d12	15.45	264	143080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	362199	56.86	ng	0.00
7) Phenol-d6	6.44	99	571975	73.08	ng	0.00
23) Nitrobenzene-d5	7.36	82	378703	63.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	43460	26.49	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	699490	69.88	ng	0.00
78) Terphenyl-d14	12.92	244	594783	65.20	ng	0.00
Target Compounds						
10) Phenol	6.45	94	26579	3.201	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	47885	9.363	ng	# 74
25) Isophorone	7.36	82	378701	30.142	ng	# 64
49) Dimethylphthalate	9.55	163	89360	7.166	ng	98
56) 2,4-Dinitrotoluene	9.84	165	19902	6.575	ng	# 21
76) Benzidine	12.92	184	7433	Below Cal	#	95

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

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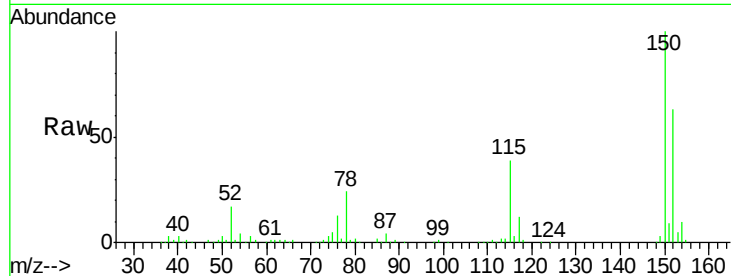




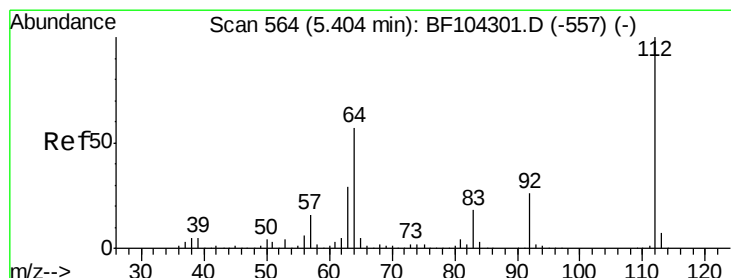
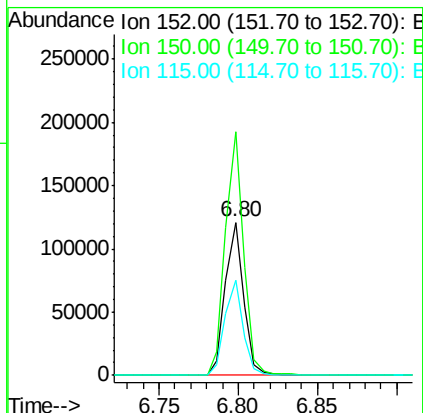
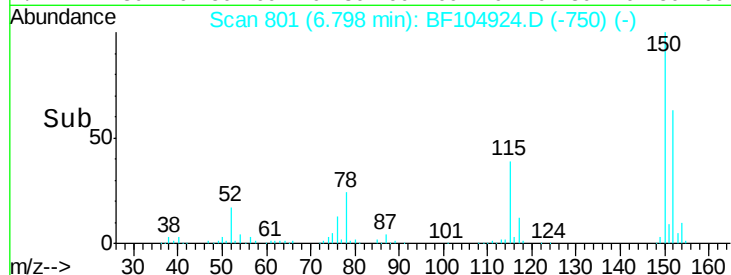
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104924.D
Acq: 28 Apr 2018 11:25

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	61.9	50.1	75.1



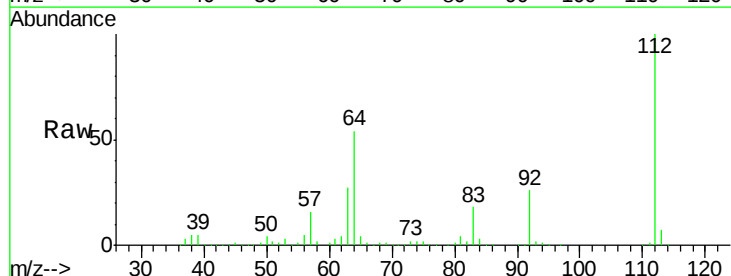
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



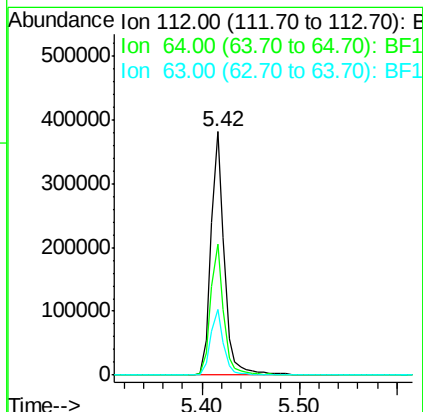
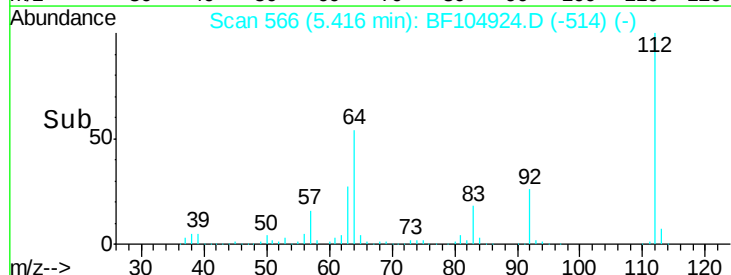
#5

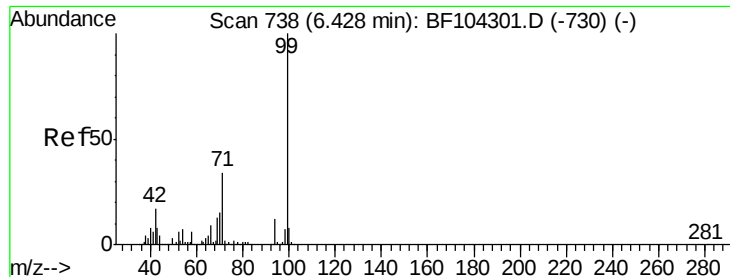
2-Fluorophenol
Concen: 56.861 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104924.D
Acq: 28 Apr 2018 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	26.9	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: 73.081 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104924.D

Acq: 28 Apr 2018 11:25

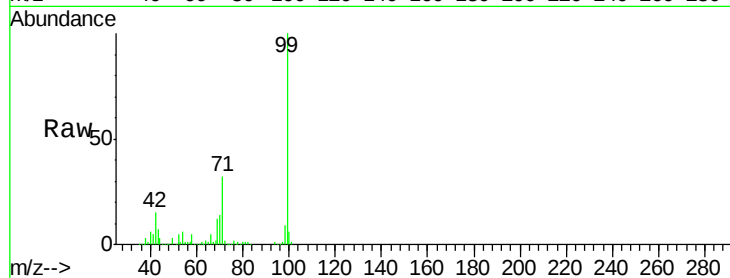
Tot Ion: 99 Resp: 571975

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

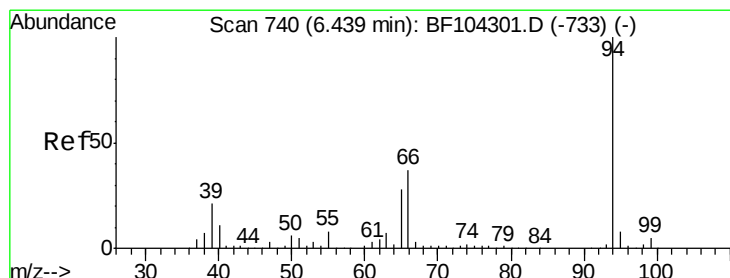
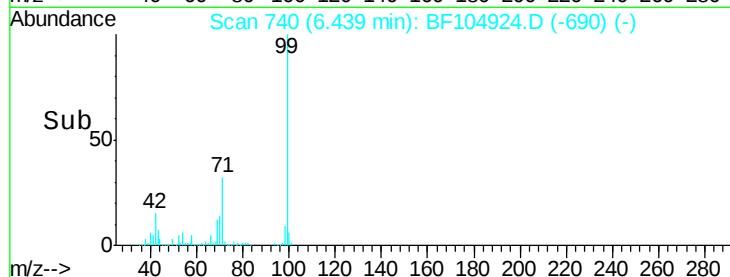
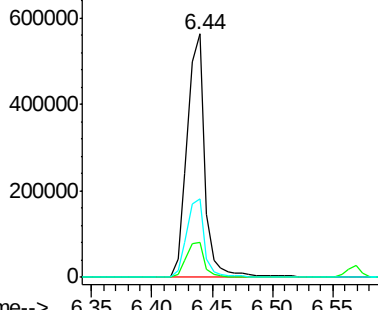
71 32.1 25.4 38.0



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: 3.201 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104924.D

Acq: 28 Apr 2018 11:25

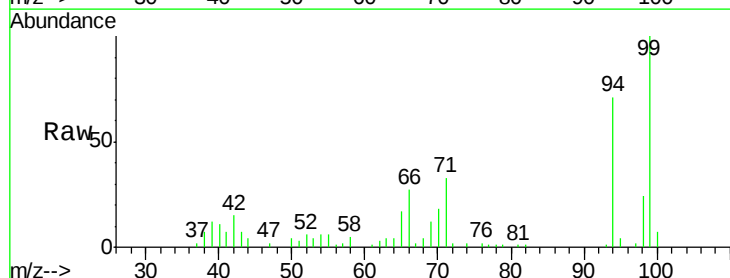
Tgt Ion: 94 Resp: 26579

Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

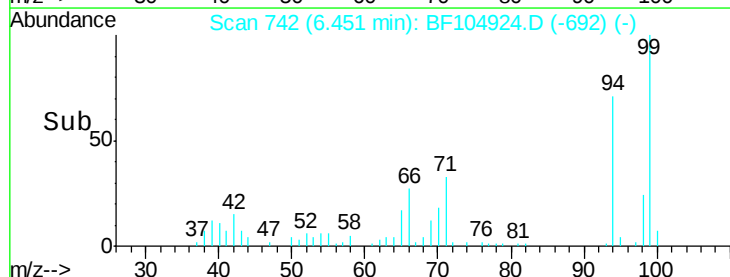
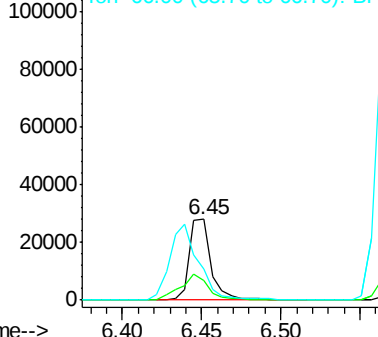
66 38.2 16.2 56.2

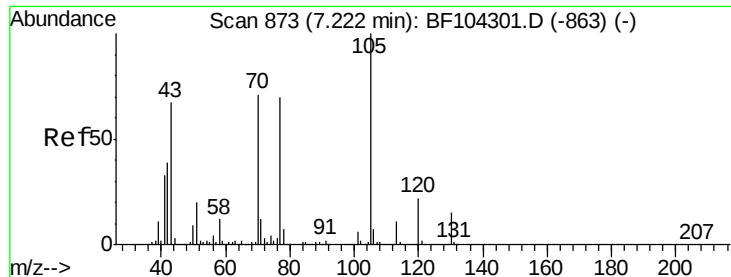


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 9.363 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF104924.D

Acq: 28 Apr 2018 11:25

Tot Ion: 70 Resp: 47885

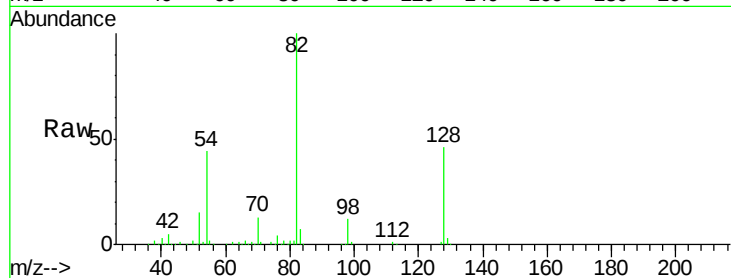
Ion Ratio Lower Upper

70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

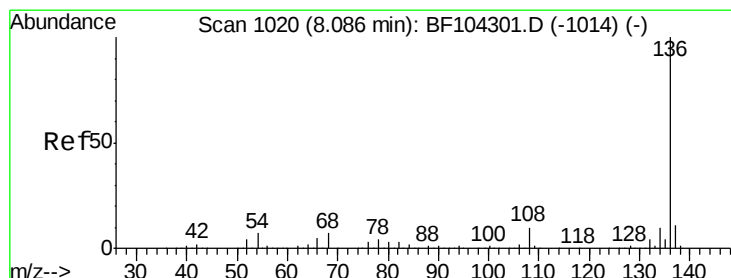
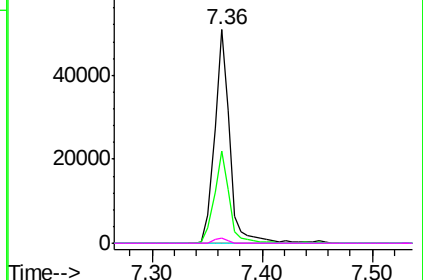
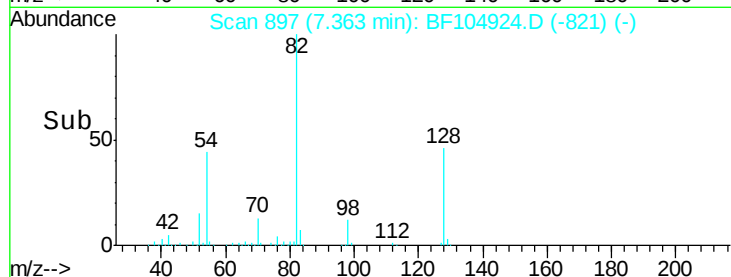


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF104924.D

Acq: 28 Apr 2018 11:25

Tgt Ion: 136 Resp: 387966

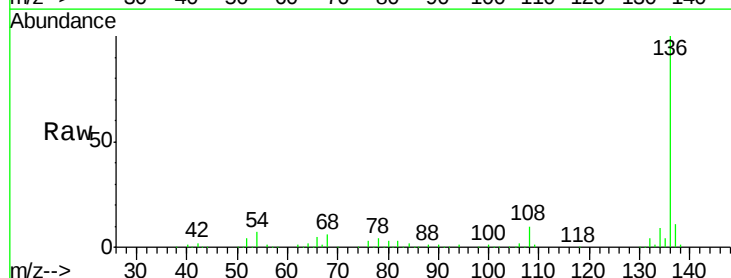
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.6 6.6 9.8

68 5.5 5.0 7.4

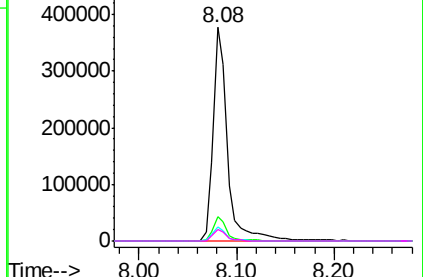
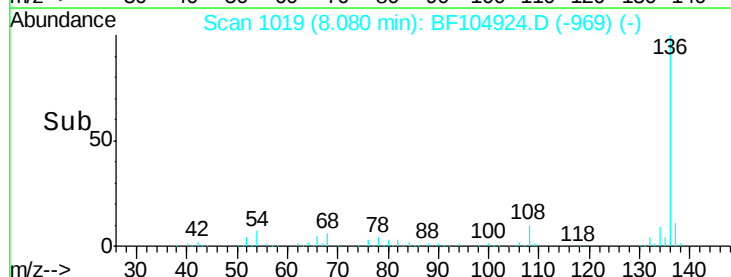


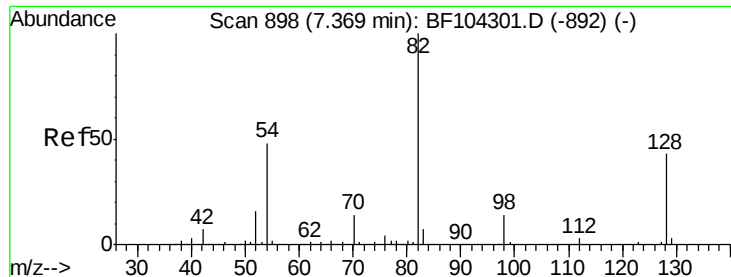
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

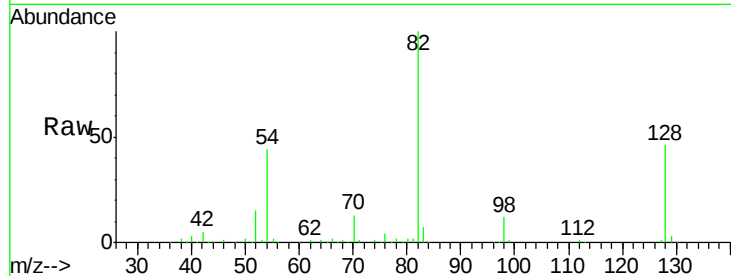
Ion 68.00 (67.70 to 68.70): BF1



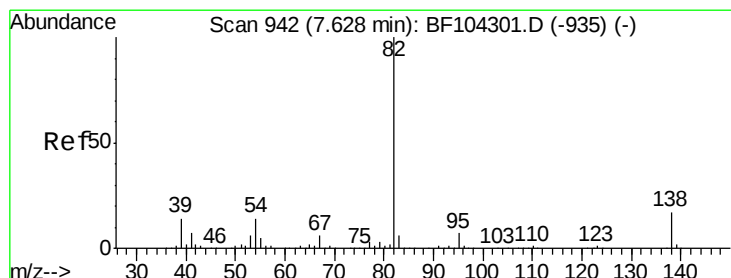
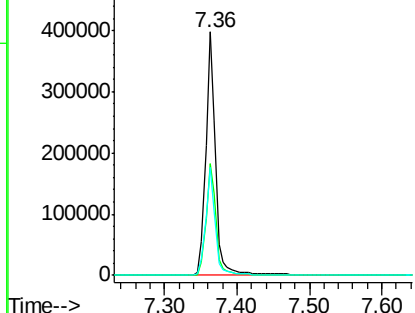
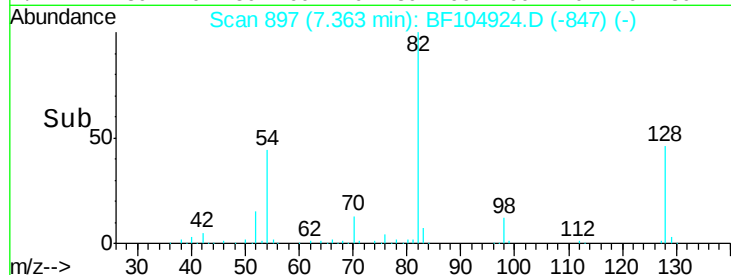


#23
 Nitrobenzene-d5
 Concen: 63.739 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104924.D
 Acq: 28 Apr 2018 11:25

Tot Ion: 82 Resp: 378703
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 44.4 41.4 62.2

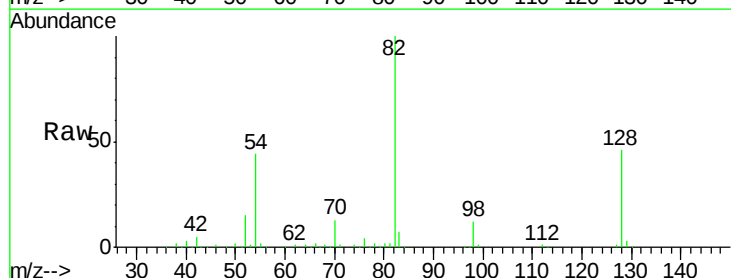


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

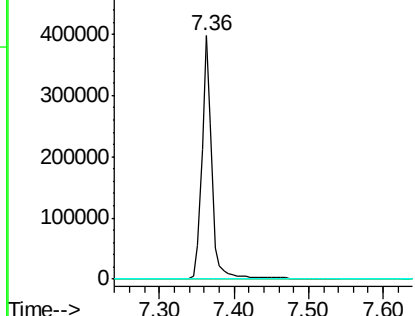
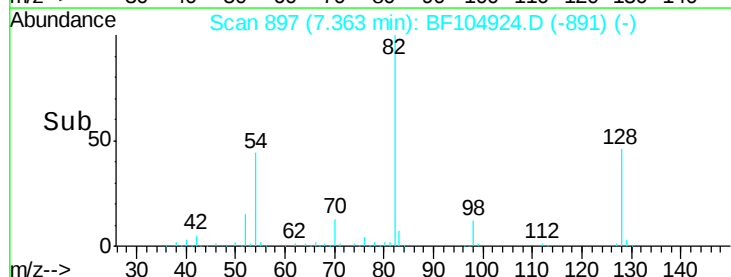


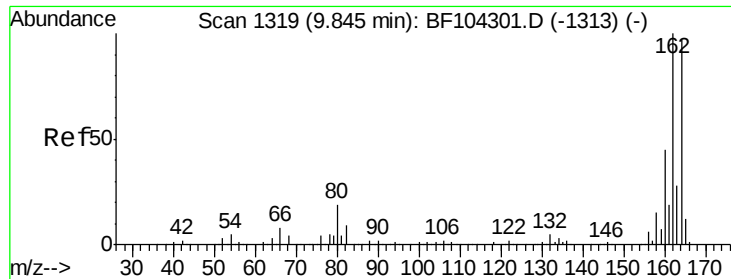
#25
 Isophorone
 Concen: 30.142 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104924.D
 Acq: 28 Apr 2018 11:25

Tgt Ion: 82 Resp: 378701
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



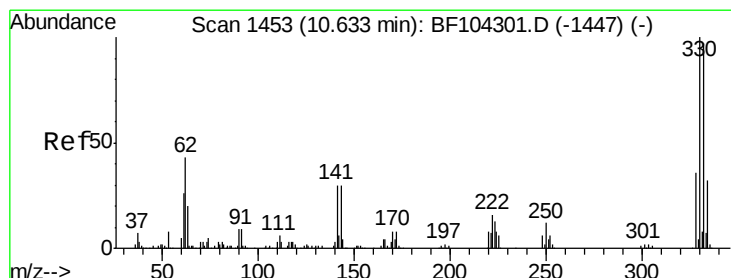
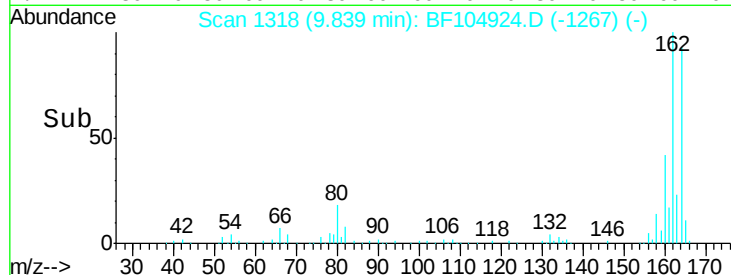
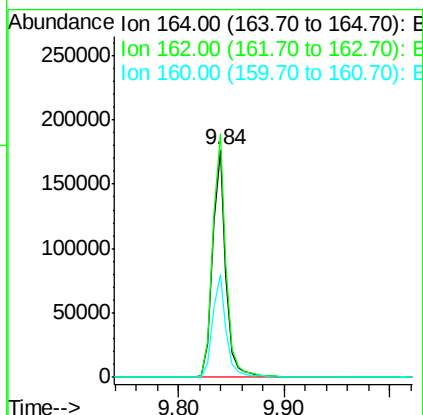
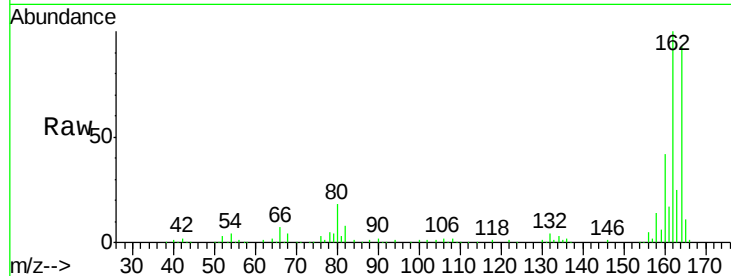
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





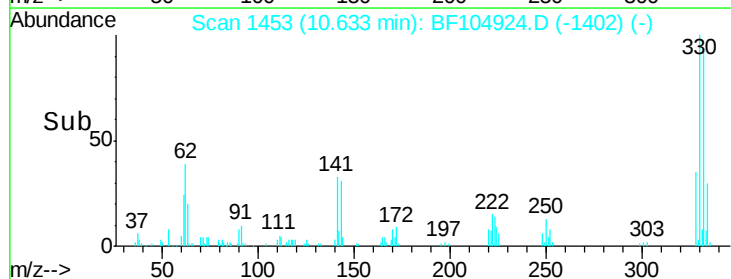
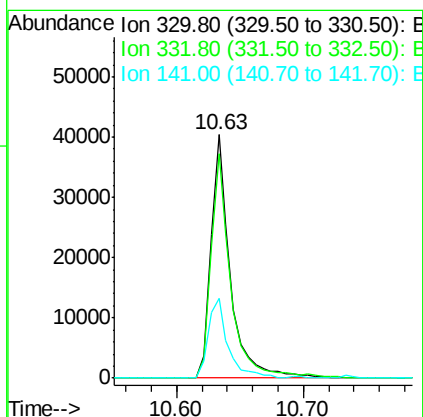
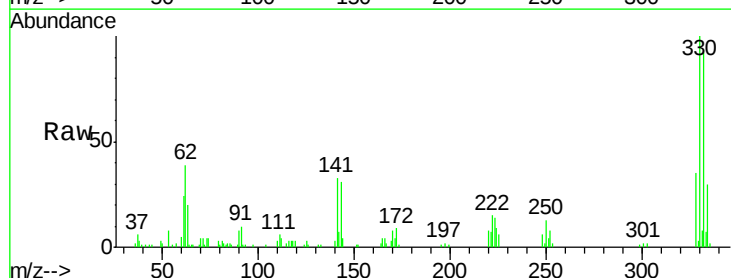
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF104924.D
 Acq: 28 Apr 2018 11:25

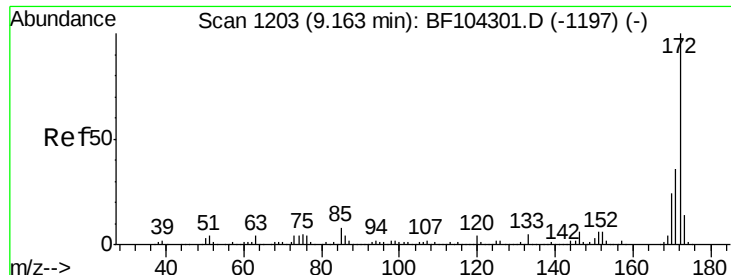
Tot Ion:164 Resp: 158139
 Ion Ratio Lower Upper
 164 100
 162 107.2 86.1 129.1
 160 45.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 26.493 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104924.D
 Acq: 28 Apr 2018 11:25

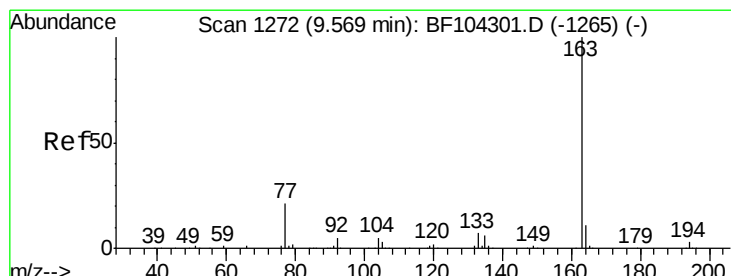
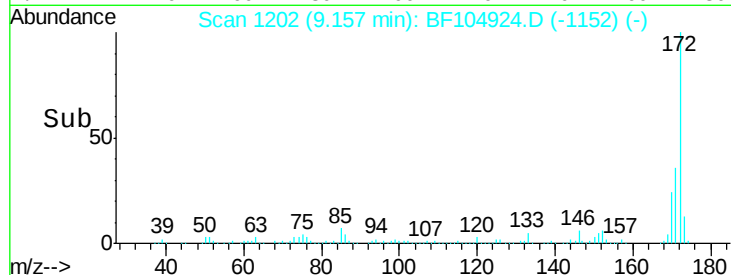
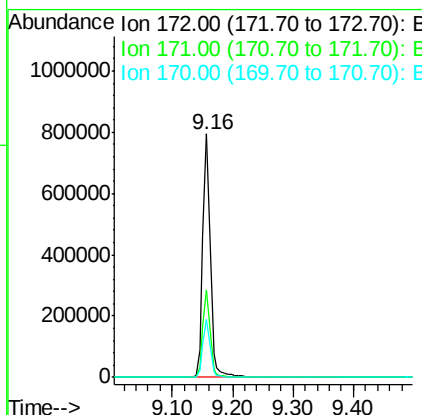
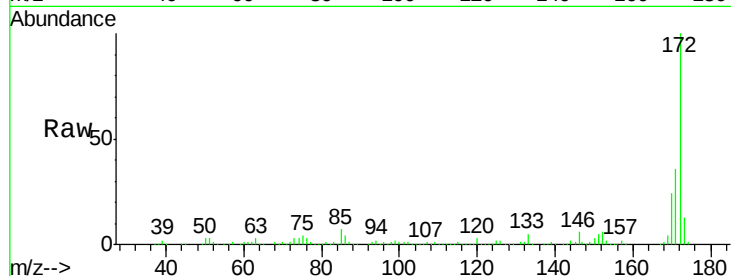
Tgt Ion:330 Resp: 43460
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 33.3 29.9 44.9





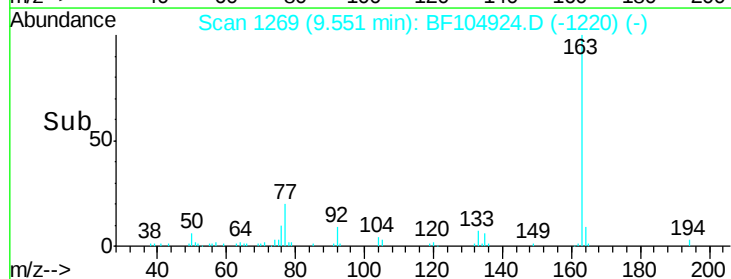
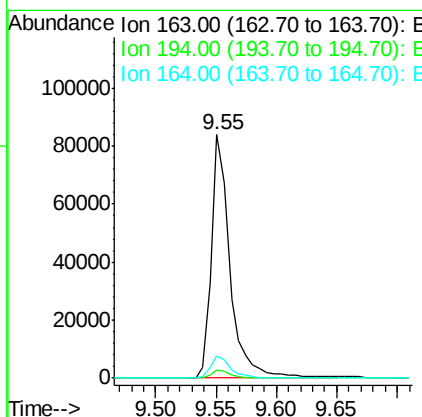
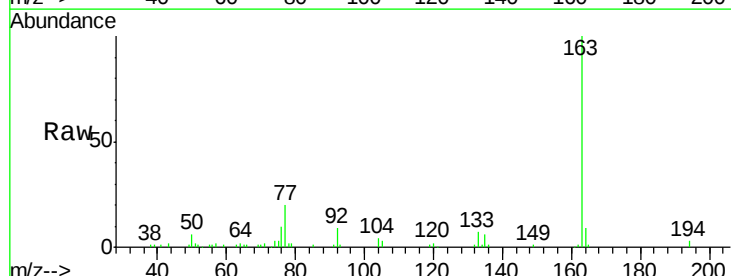
#44
2-Fluorobiphenyl
Concen: 69.877 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104924.D
Acq: 28 Apr 2018 11:25

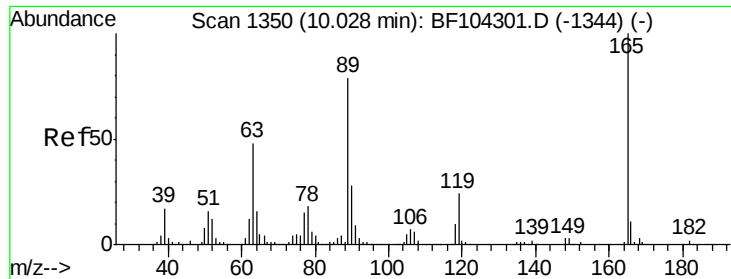
Tot Ion:172 Resp: 699490
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 7.166 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104924.D
Acq: 28 Apr 2018 11:25

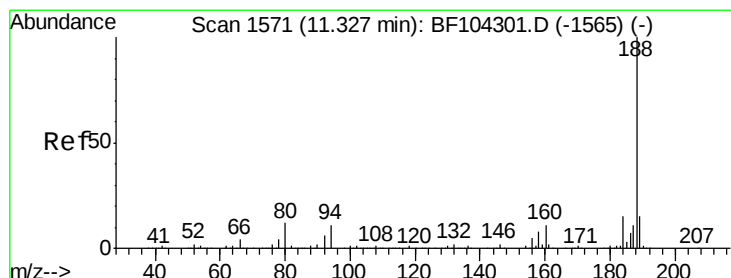
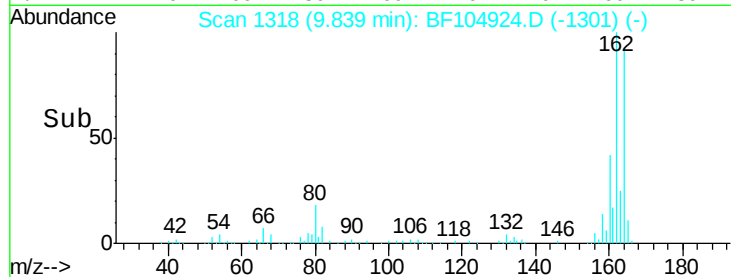
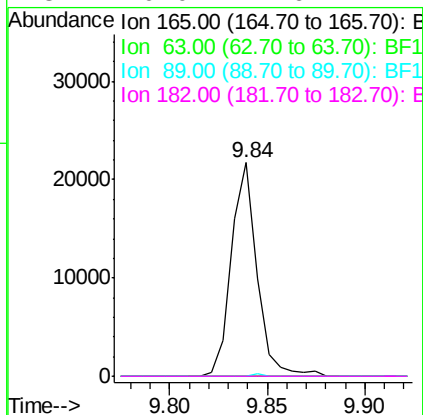
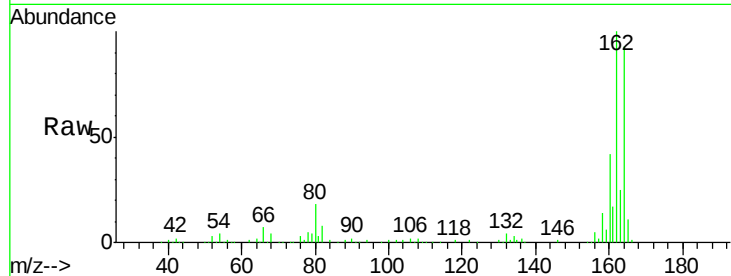
Tgt Ion:163 Resp: 89360
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.3 8.2 12.2





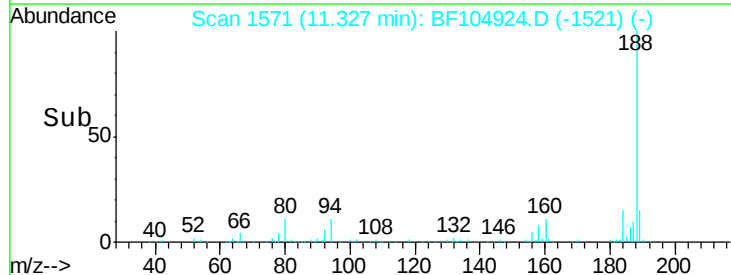
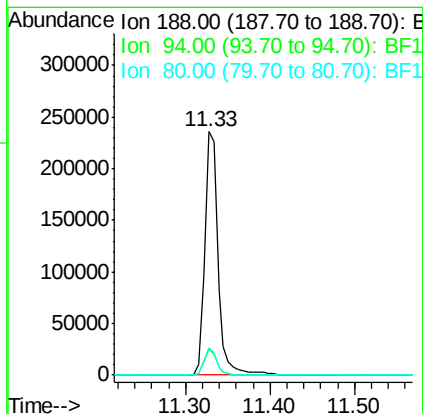
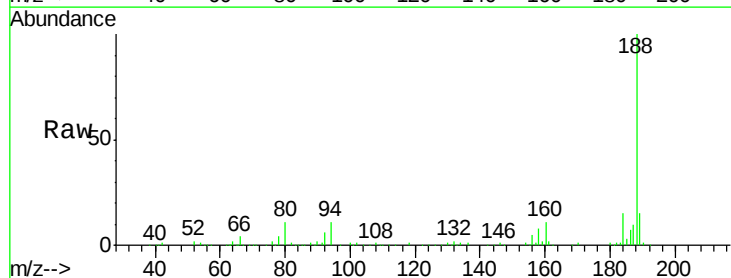
#56
 2,4-Dinitrotoluene
 Concen: 6.575 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104924.D
 Acq: 28 Apr 2018 11:25

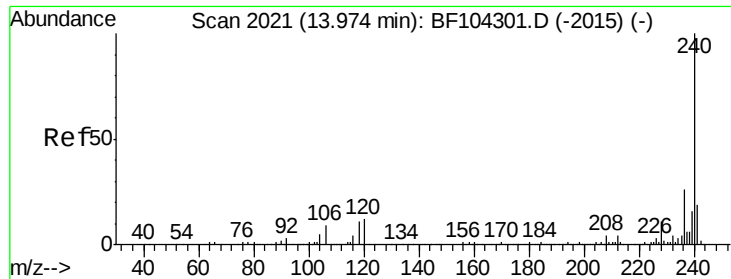
Tot Ion:	165	Resp:	19902
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104924.D
 Acq: 28 Apr 2018 11:25

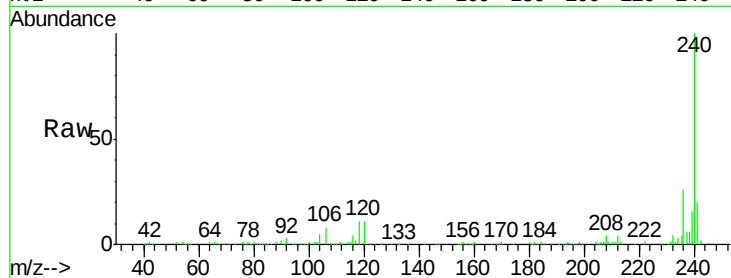
Tgt Ion:	188	Resp:	257039
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8



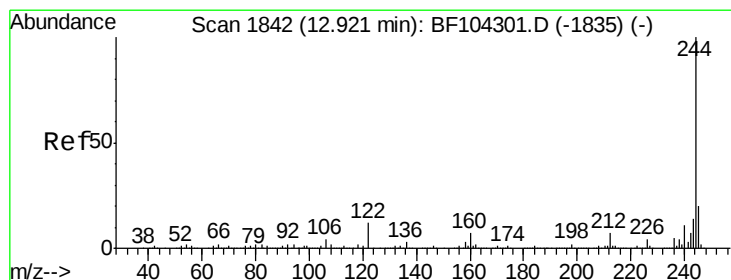
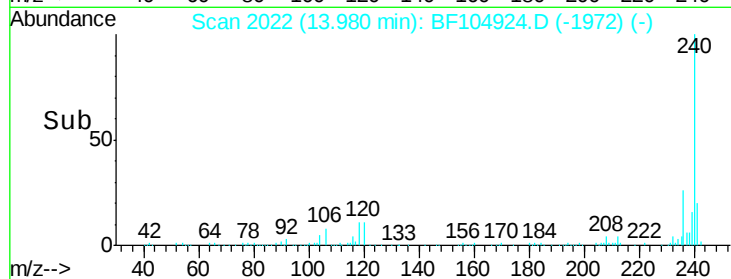
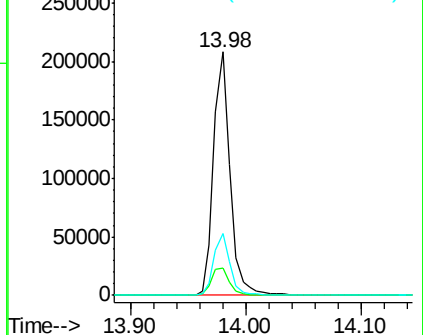


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104924.D
Acq: 28 Apr 2018 11:25

Tot Ion:240 Resp: 207987
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.5 20.7 31.1

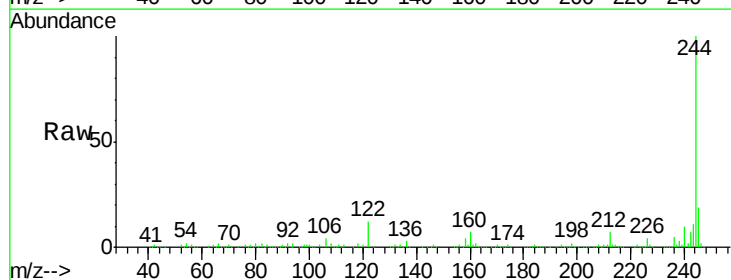


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

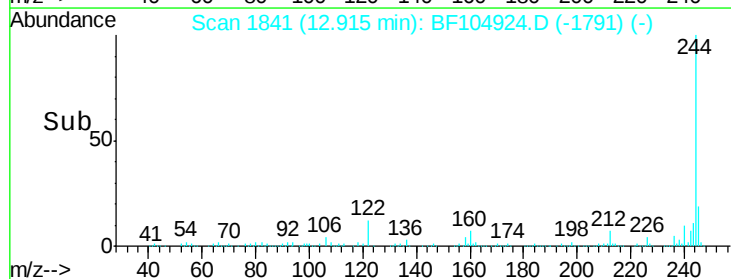
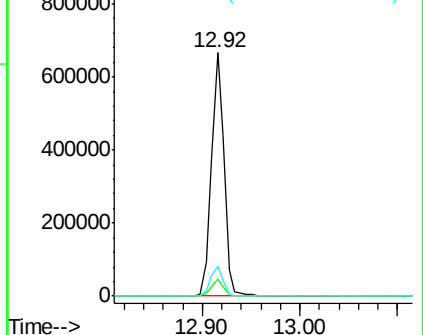


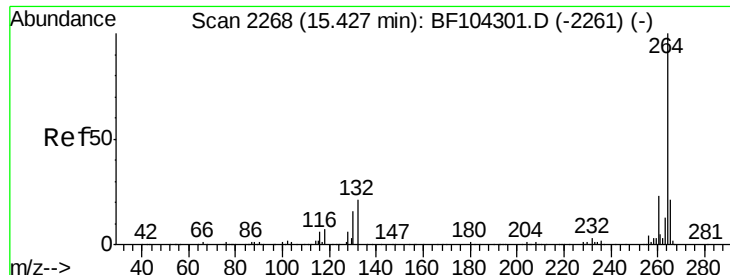
#78
Terphenyl-d14
Concen: 65.197 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104924.D
Acq: 28 Apr 2018 11:25

Tgt Ion:244 Resp: 594783
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.4 11.0 16.4



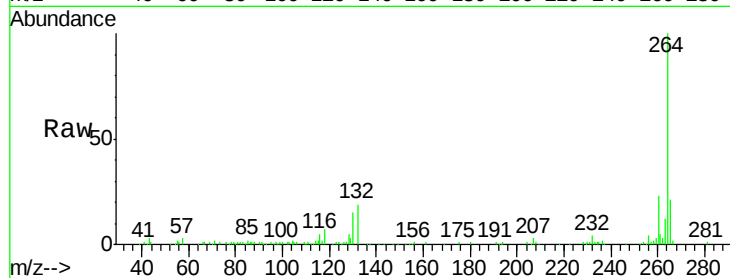
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104924.D
Acq: 28 Apr 2018 11:25

Tot	Ion:264	Resp:	143080
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.7	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

