

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104902.D
 Acq On : 28 Apr 2018 00:39
 Operator : JU/SJ
 Sample : J2590-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

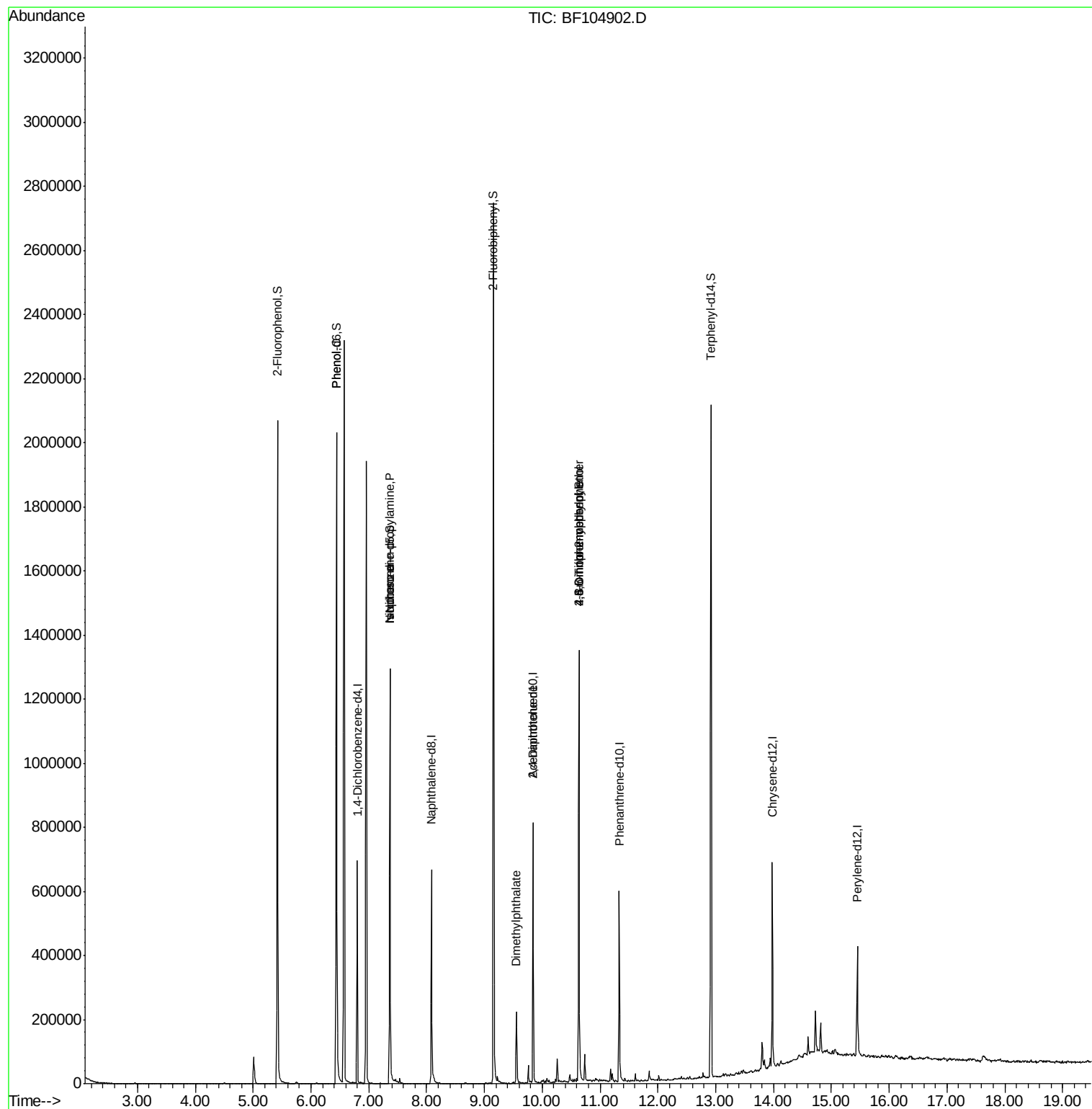
Quant Time: Apr 28 02:16:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

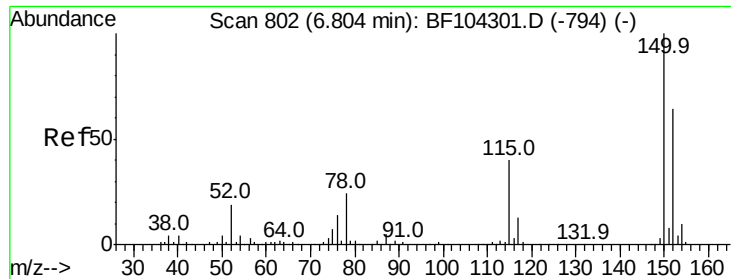
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94397	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	370714	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	153598	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	254002	20.00	ng	0.00
75) Chrysene-d12	13.98	240	212602	20.00	ng	0.00
86) Perylene-d12	15.45	264	158224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	677139	109.68	ng	0.01
7) Phenol-d6	6.45	99	818391	107.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	489747	86.26	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	177732	111.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	884753	91.00	ng	0.00
78) Terphenyl-d14	12.92	244	763218	81.84	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1202	Below Cal	#	1
10) Phenol	6.45	94	16624	2.066 ng	#	64
19) n-Nitroso-di-n-propylamine	7.36	70	63183	12.747 ng	#	73
25) Isophorone	7.37	82	489743	40.794 ng	#	64
49) Dimethylphthalate	9.55	163	100842	8.326 ng		100
56) 2,4-Dinitrotoluene	9.84	165	19682	6.695 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	374	7.603 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	10703	3.961 ng	#	1
76) Benzidine	12.92	184	9841	Below Cal	#	94

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

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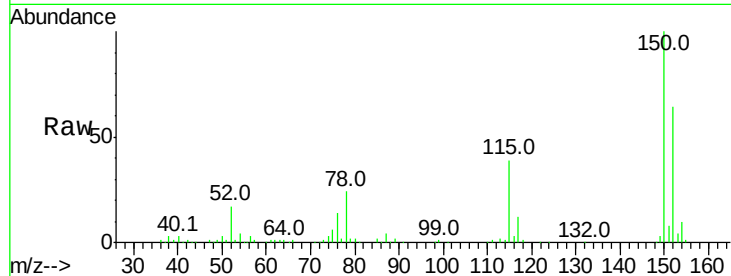




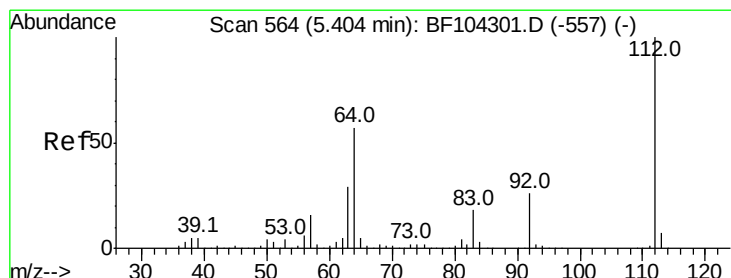
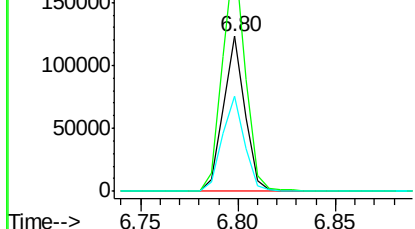
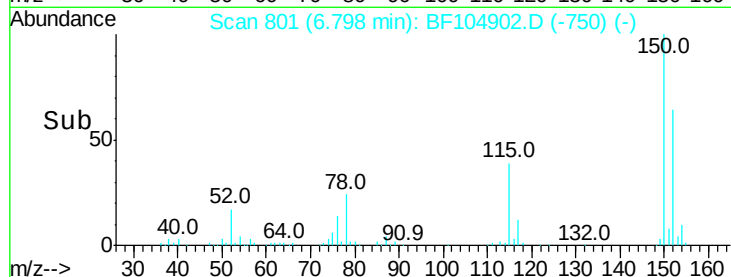
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104902.D
Acq: 28 Apr 2018 00:39

Tot Ion:152 Resp: 94397
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.7 50.1 75.1



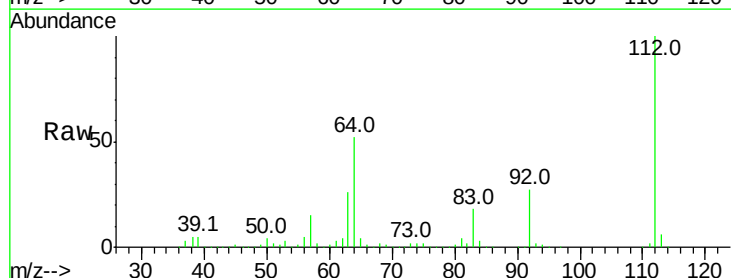
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



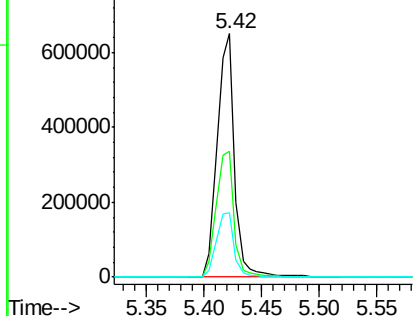
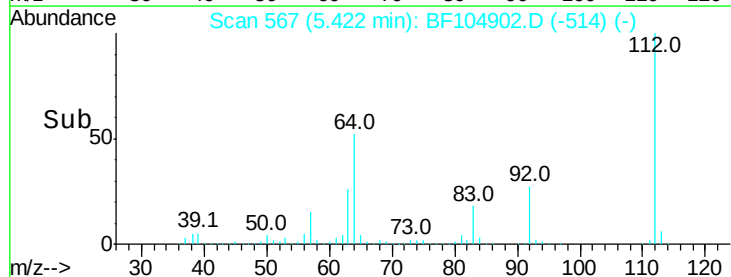
#5

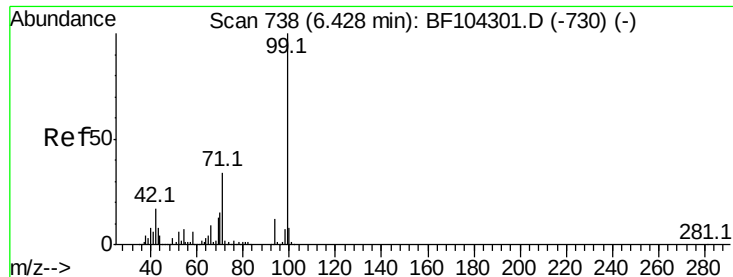
2-Fluorophenol
Concen: 109.684 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104902.D
Acq: 28 Apr 2018 00:39

Tgt Ion:112 Resp: 677139
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 26.4 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: 107.892 ng

RT: 6.45 min Scan# 741

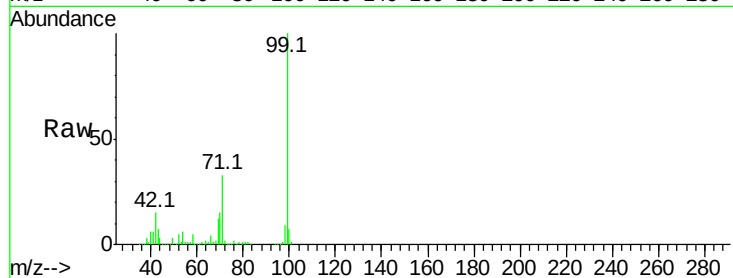
Delta R.T. 0.00 min

Lab File: BF104902.D

Acq: 28 Apr 2018 00:39

Tot Ion: 99 Resp: 818391

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	33.2	25.4	38.0

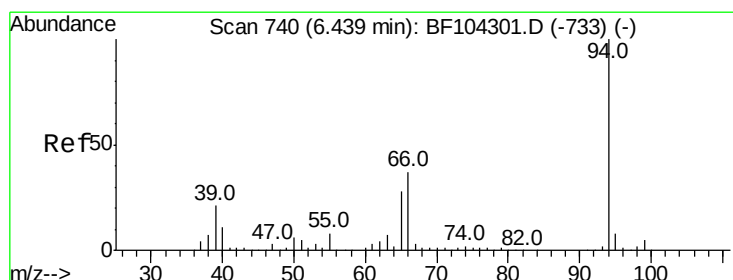
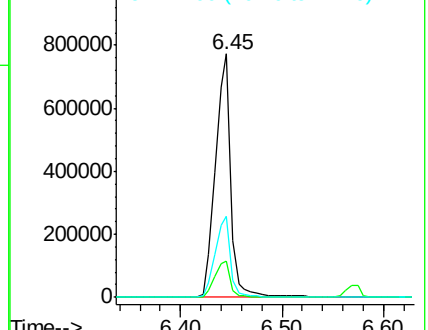
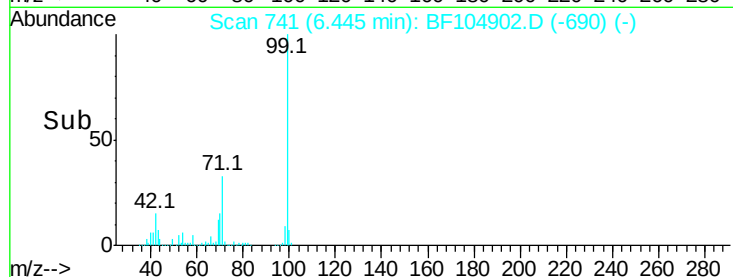


Abundance

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: 2.066 ng

RT: 6.45 min Scan# 742

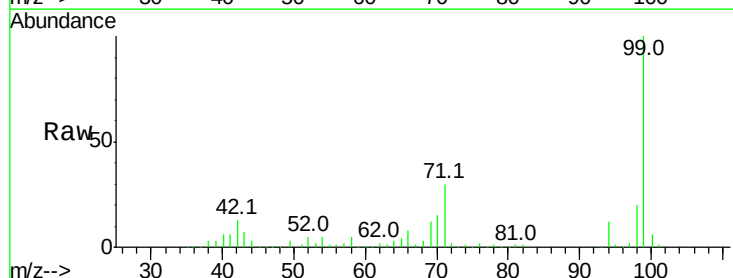
Delta R.T. -0.01 min

Lab File: BF104902.D

Acq: 28 Apr 2018 00:39

Tgt Ion: 94 Resp: 16624

Ion	Ratio	Lower	Upper
94	100		
65	34.9	7.9	47.9
66	68.1	16.2	56.2

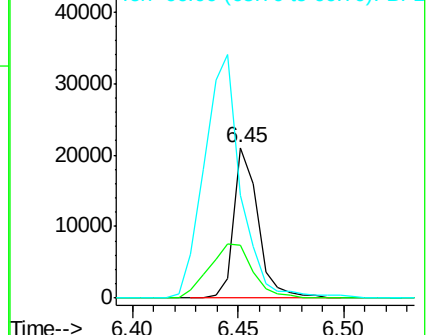
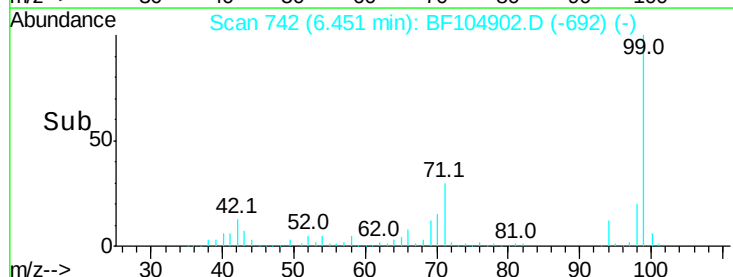


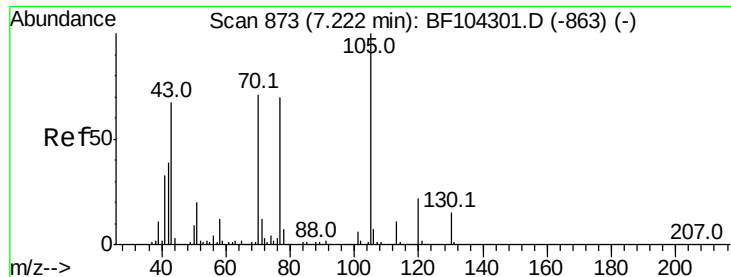
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

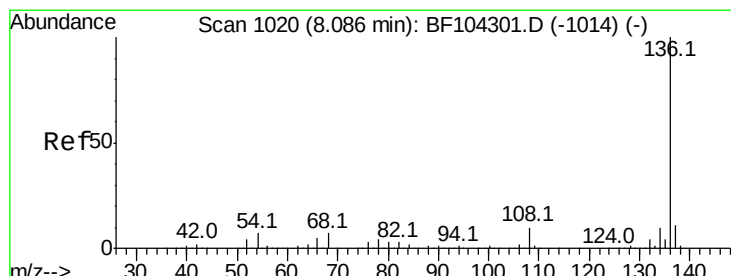
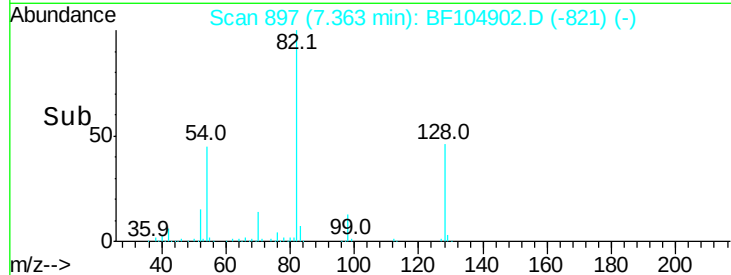
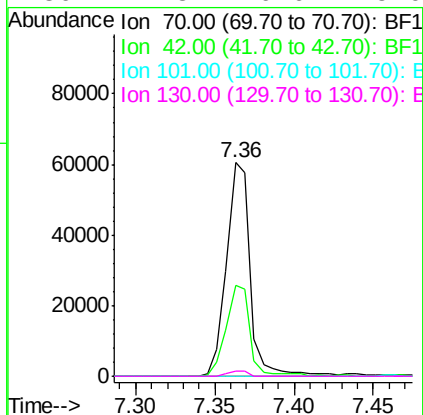
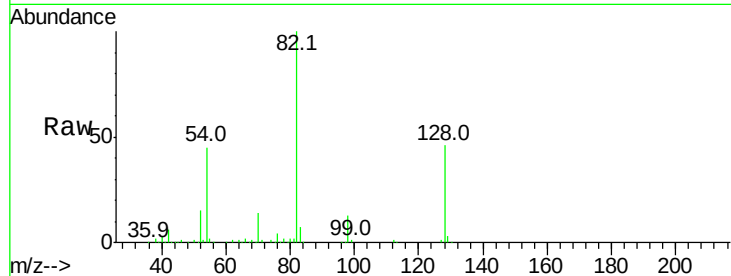
Ion 66.00 (65.70 to 66.70): BF1





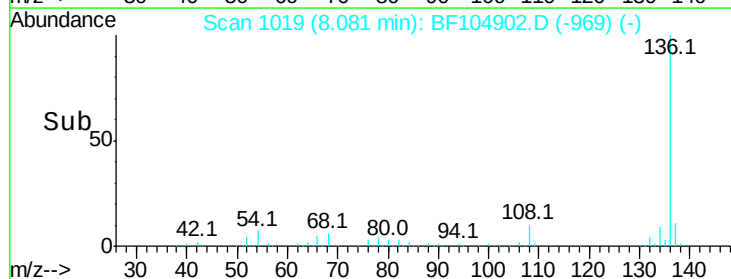
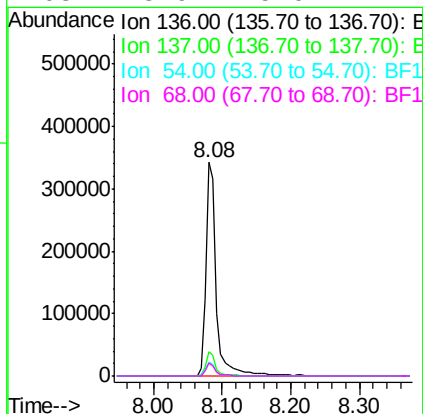
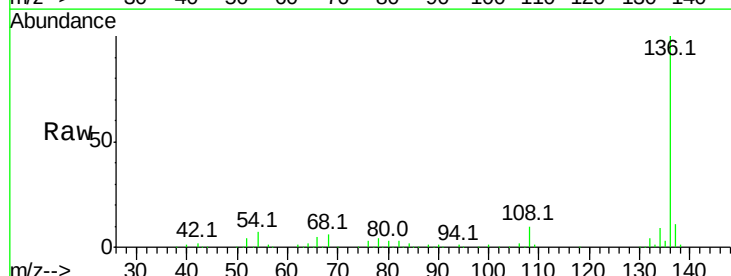
#19
n-Nitroso-di-n-propylamine
Concen: 12.747 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF104902.D
Acq: 28 Apr 2018 00:39

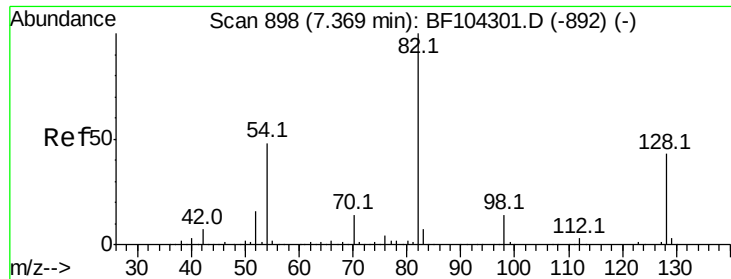
Tot Ion: 70 Resp: 63183
Ion Ratio Lower Upper
70 100
42 42.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104902.D
Acq: 28 Apr 2018 00:39

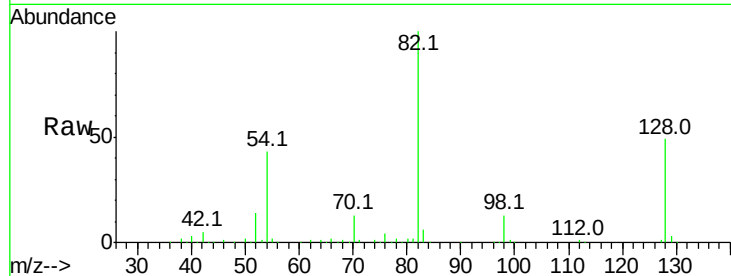
Tgt Ion: 136 Resp: 370714
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4



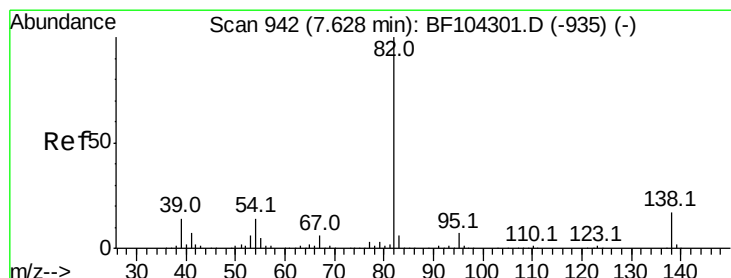
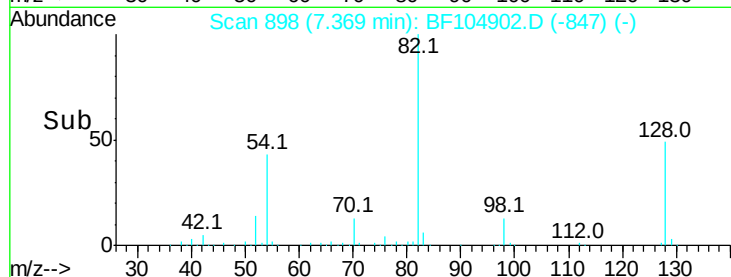
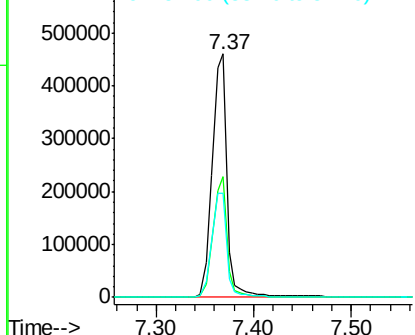


#23
 Nitrobenzene-d5
 Concen: 86.265 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104902.D
 Acq: 28 Apr 2018 00:39

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	42.5	41.4	62.2

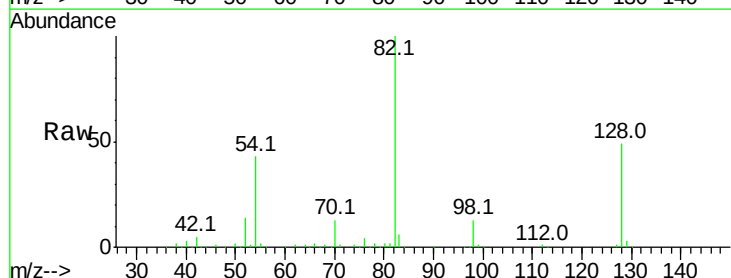


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

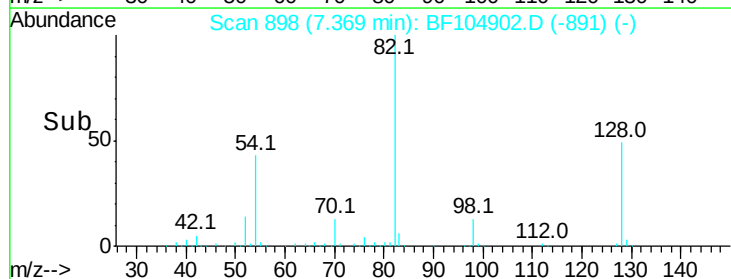
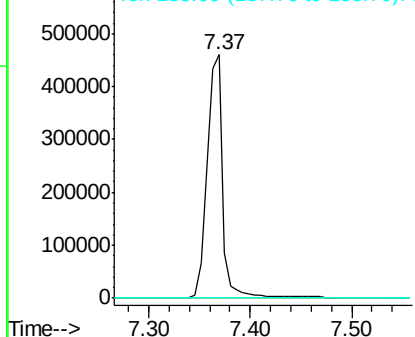


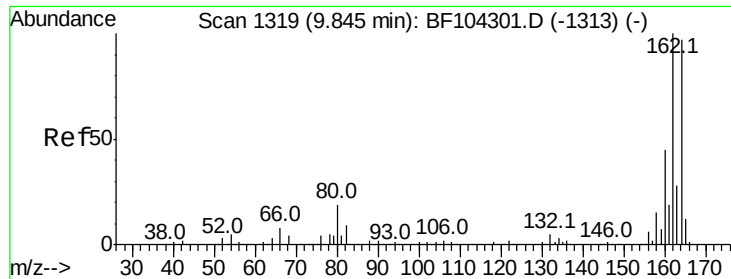
#25
 Isophorone
 Concen: 40.794 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104902.D
 Acq: 28 Apr 2018 00:39

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



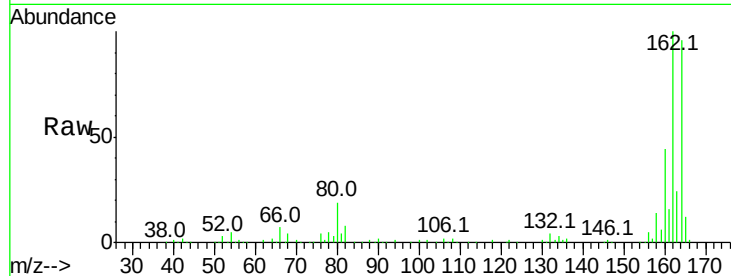
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1



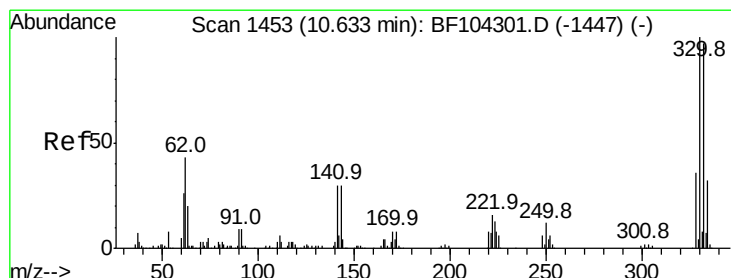
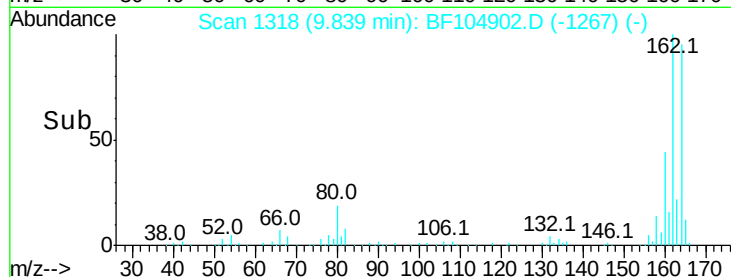
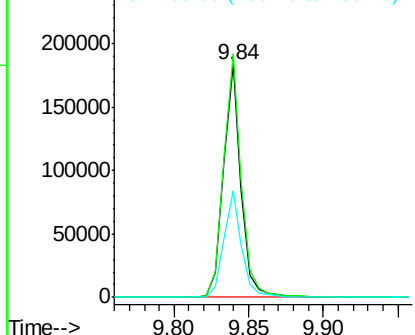


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF104902.D
Acq: 28 Apr 2018 00:39

Tot Ion:164 Resp: 153598
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.8 38.3 57.5

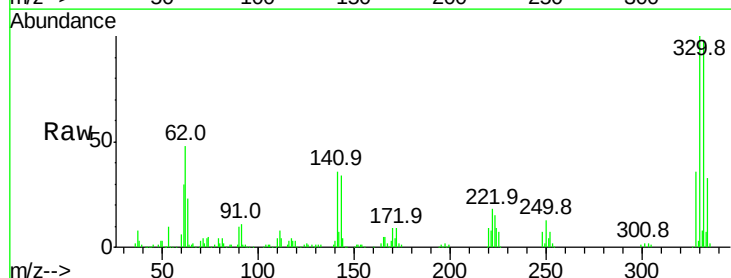


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

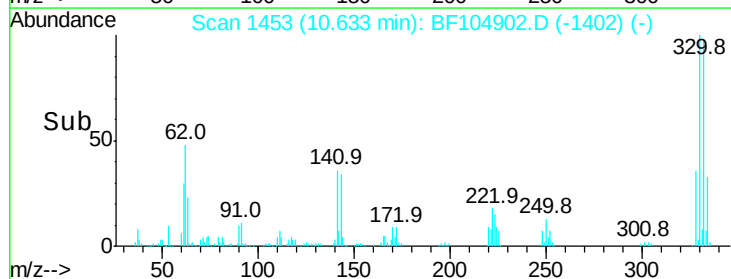
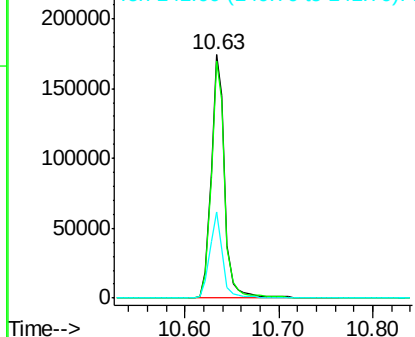


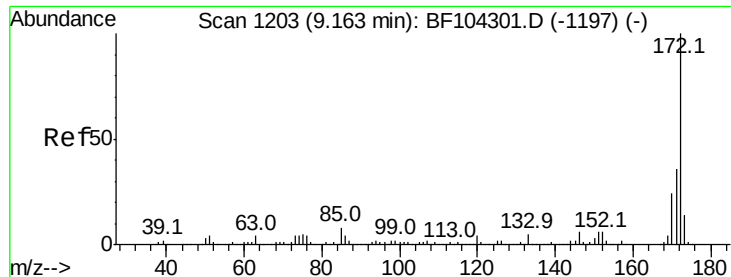
#41
2,4,6-Tribromophenol
Concen: 111.549 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF104902.D
Acq: 28 Apr 2018 00:39

Tgt Ion:330 Resp: 177732
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 33.4 29.9 44.9



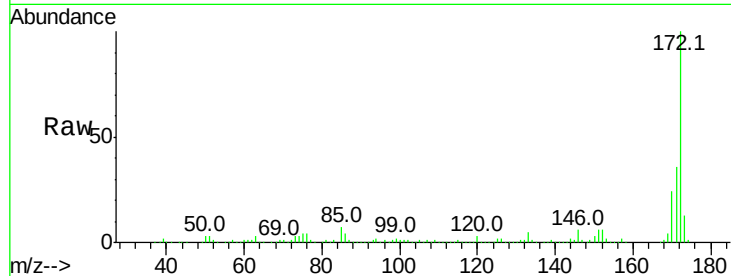
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



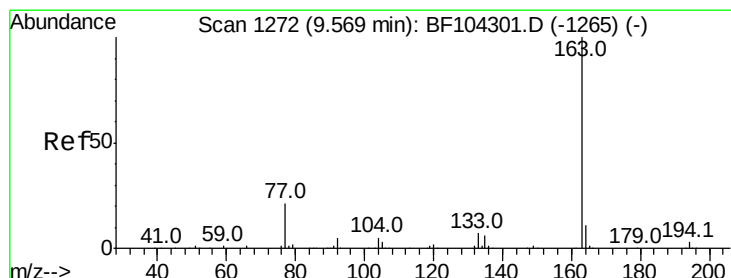
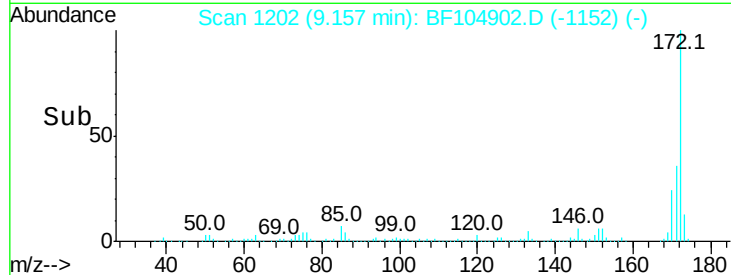
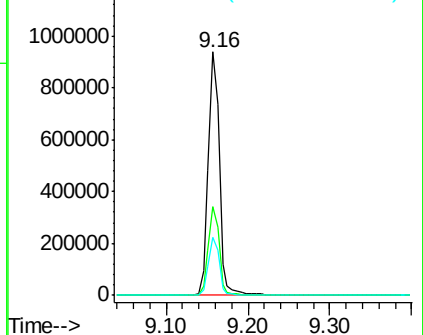


#44
 2-Fluorobiphenyl
 Concen: 90.997 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104902.D
 Acq: 28 Apr 2018 00:39

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

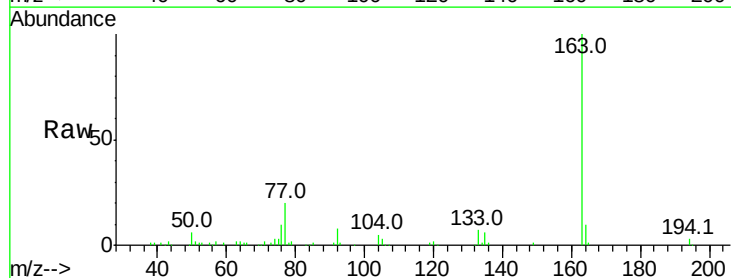


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

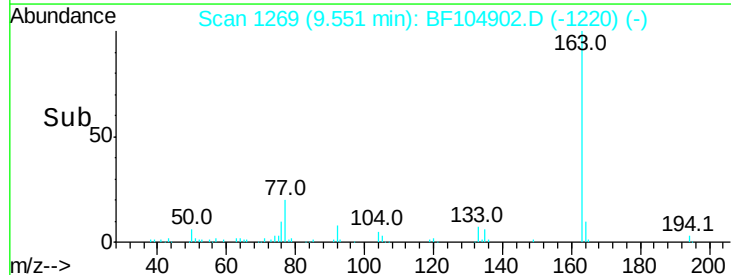
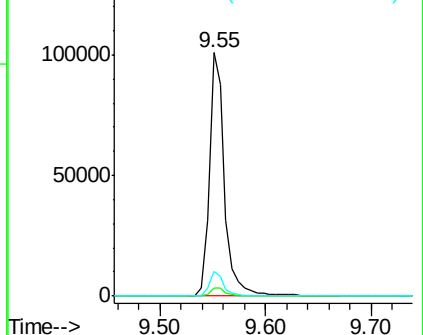


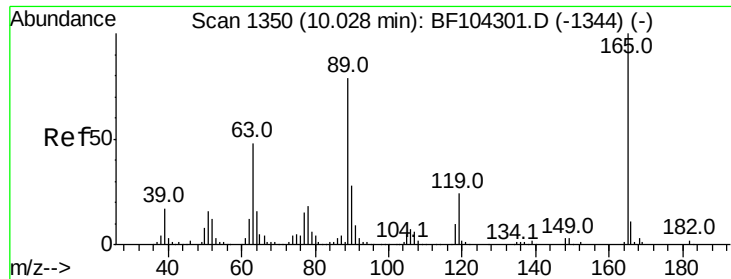
#49
 Dimethylphthalate
 Concen: 8.326 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF104902.D
 Acq: 28 Apr 2018 00:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.3	8.2	12.2



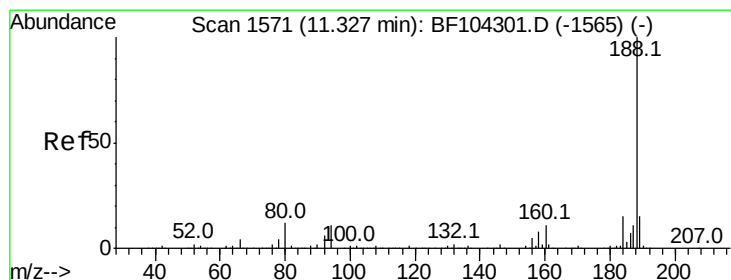
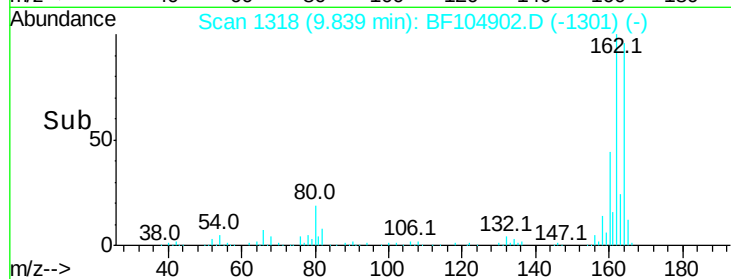
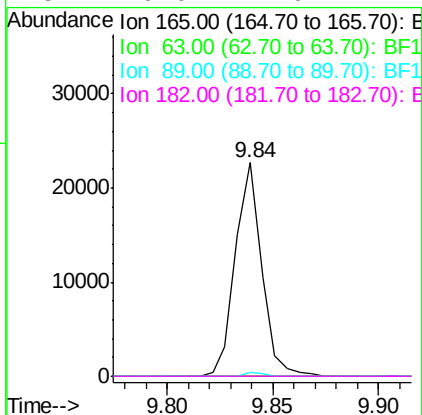
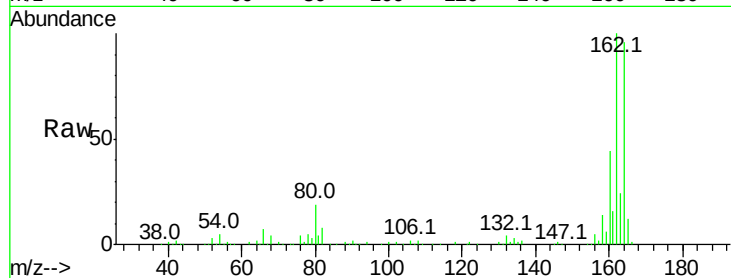
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





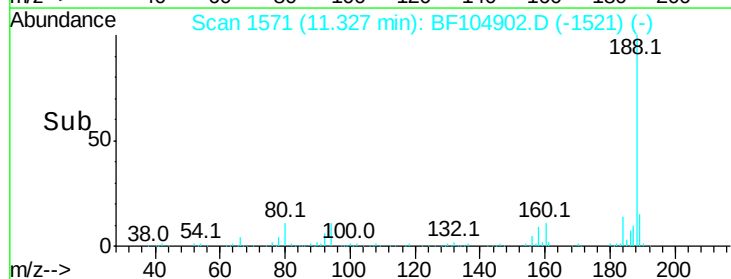
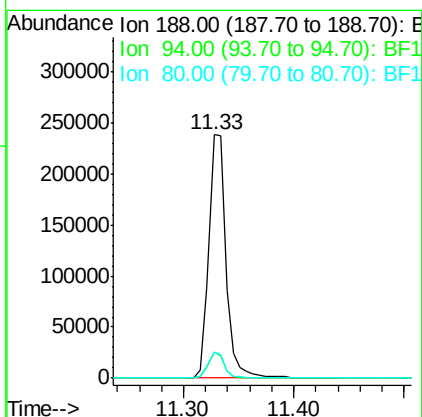
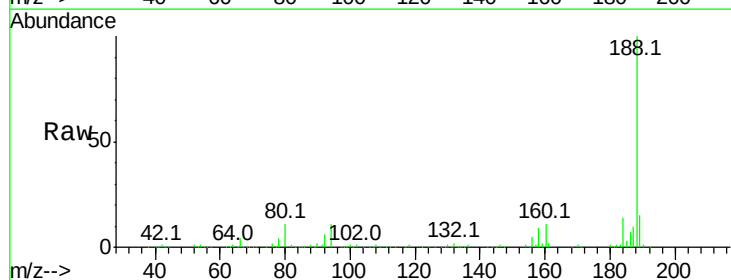
#56
 2,4-Dinitrotoluene
 Concen: 6.695 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104902.D
 Acq: 28 Apr 2018 00:39

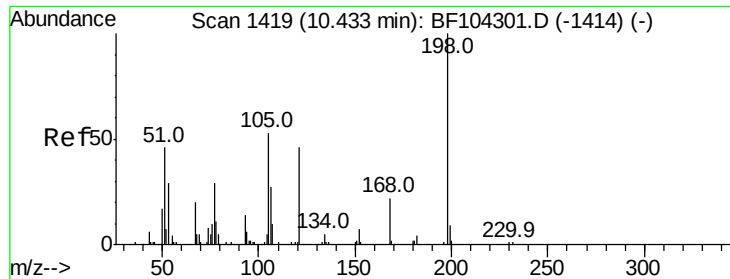
Tot Ion:	165	Resp:	19682
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104902.D
 Acq: 28 Apr 2018 00:39

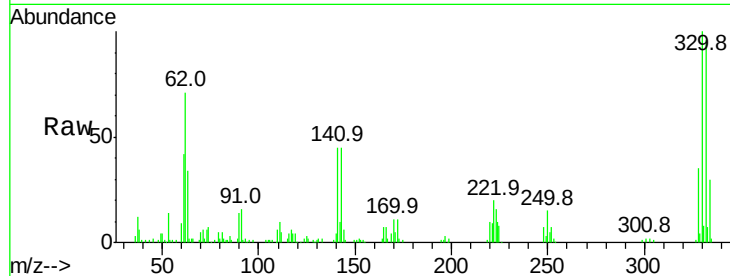
Tgt Ion:	188	Resp:	254002
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	10.8	9.2	13.8



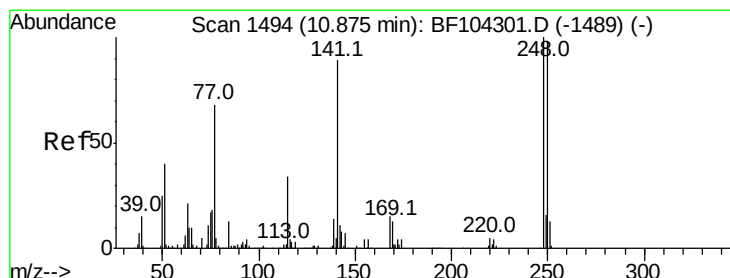
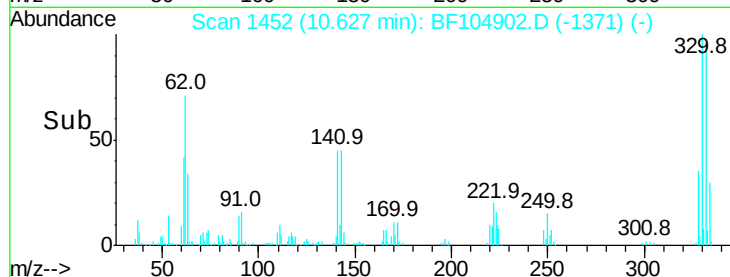
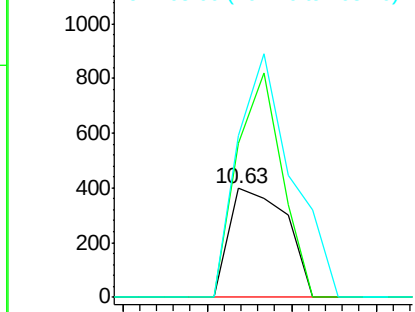


#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.603 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.18 min
 Lab File: BF104902.D
 Acq: 28 Apr 2018 00:39

Tot Ion	Ratio	Lower	Upper
198	100		
51	141.6	37.7	77.7#
105	147.9	36.3	76.3#

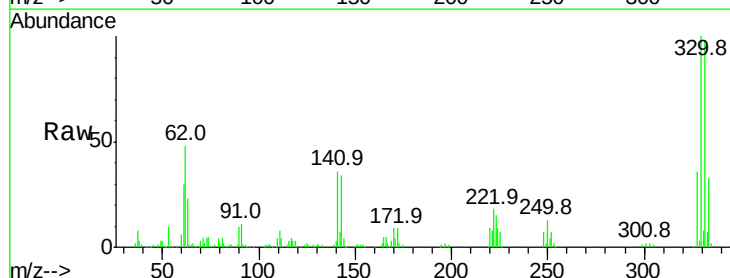


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

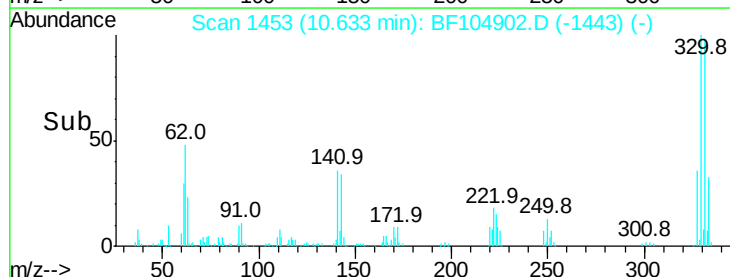
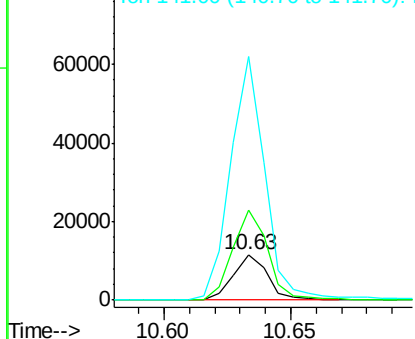


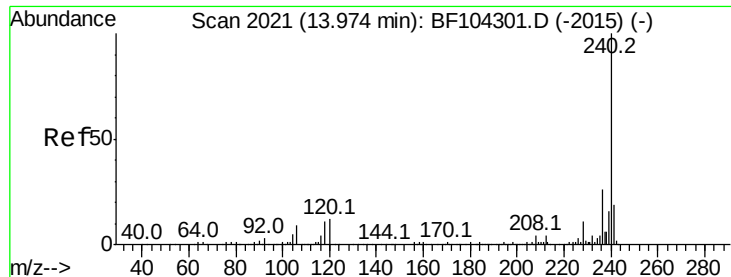
#66
 4-Bromophenyl-phenylether
 Concen: 3.961 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104902.D
 Acq: 28 Apr 2018 00:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.9	115.3#
141	535.2	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: 20.000 ng

RT: 13.98 min Scan# 2022

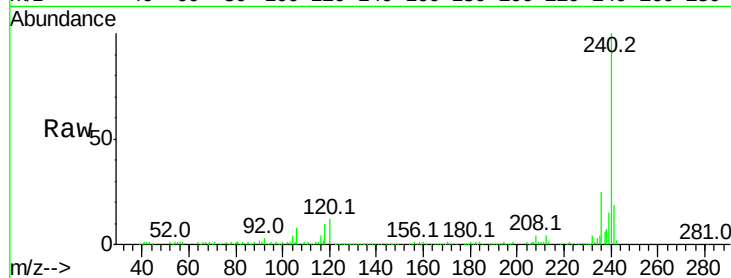
Delta R.T. -0.01 min

Lab File: BF104902.D

Acq: 28 Apr 2018 00:39

Tot Ion:240 Resp: 212602

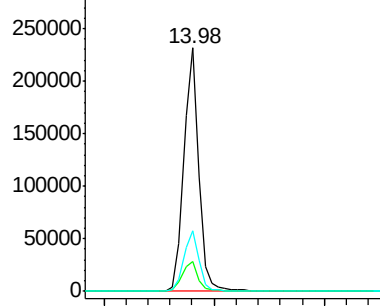
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	24.8	20.7	31.1



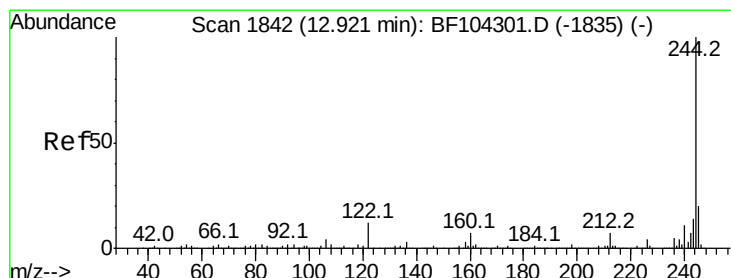
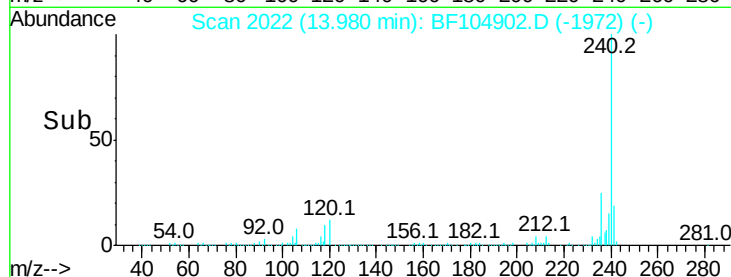
Abundance Ion 240.00 (239.70 to 240.70): E

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: 81.843 ng

RT: 12.92 min Scan# 1841

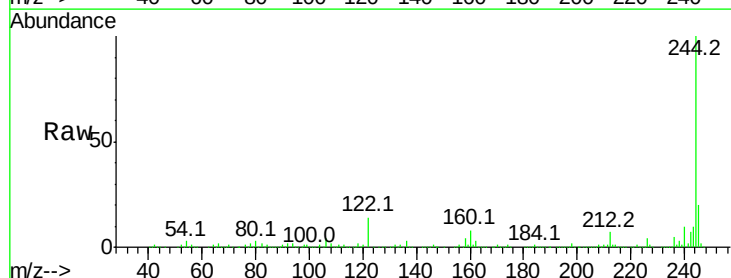
Delta R.T. -0.01 min

Lab File: BF104902.D

Acq: 28 Apr 2018 00:39

Tgt Ion:244 Resp: 763218

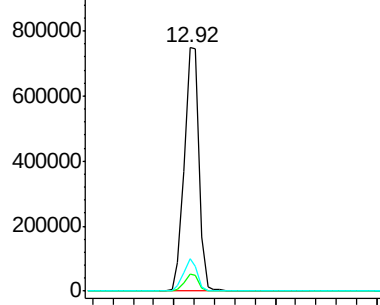
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.5	11.0	16.4



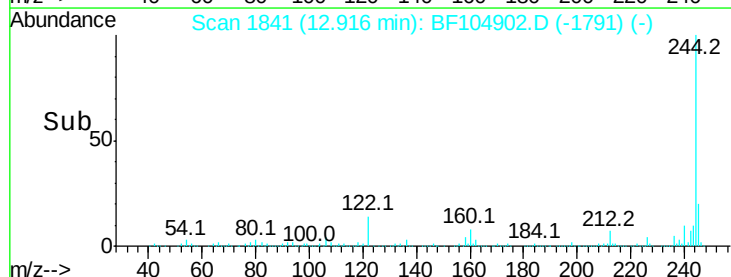
Abundance Ion 244.00 (243.70 to 244.70): E

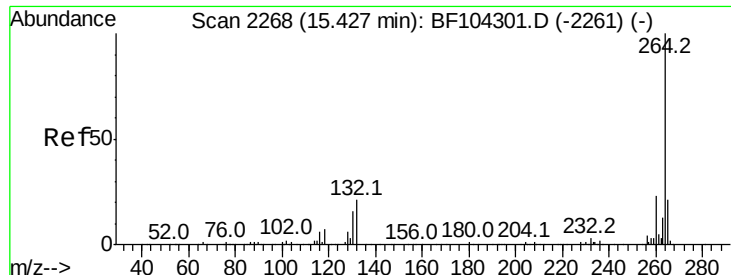
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



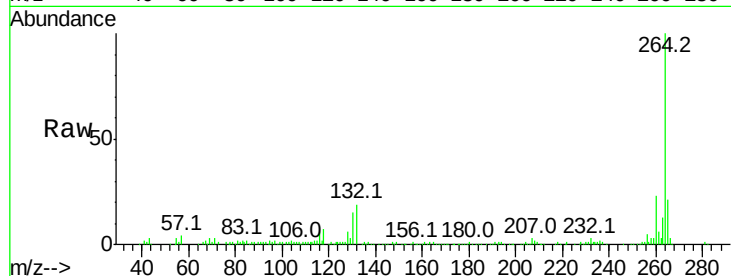
Time--> 12.90 13.00





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104902.D
Acq: 28 Apr 2018 00:39

Tot	Ion:264	Resp:	158224
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.5	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

