

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104897.D
 Acq On : 27 Apr 2018 22:26
 Operator : JU/SJ
 Sample : J2549-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

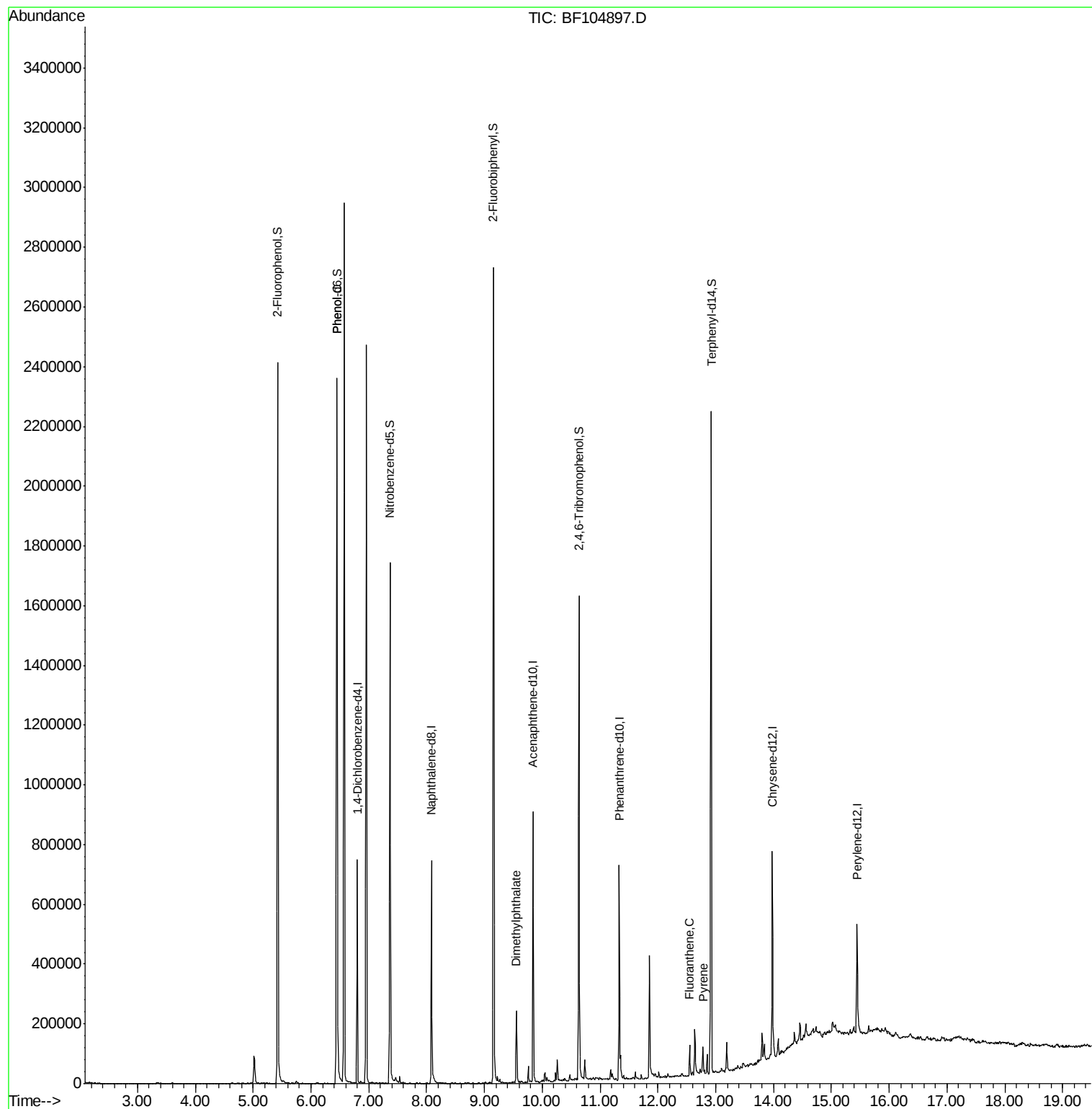
Quant Time: Apr 28 00:08:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102794	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	410956	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	168887	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	273712	20.00	ng	0.00
75) Chrysene-d12	13.98	240	225414	20.00	ng	0.00
86) Perylene-d12	15.44	264	172115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	838570	124.74	ng	0.01
7) Phenol-d6	6.45	99	1013955	122.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	607450	96.52	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	223858	127.78	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	955516	89.38	ng	0.00
78) Terphenyl-d14	12.92	244	759162	76.78	ng	0.00
Target Compounds						
10) Phenol	6.46	94	24190	2.760	ng	Qvalue # 68
49) Dimethylphthalate	9.55	163	106755	8.016	ng	100
74) Fluoranthene	12.55	202	41228	2.589	ng	95
77) Pyrene	12.78	202	34800	2.083	ng	99

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

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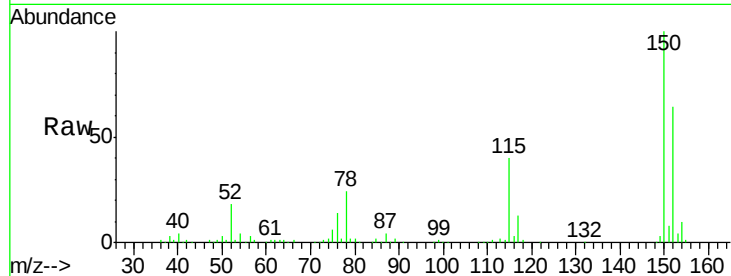
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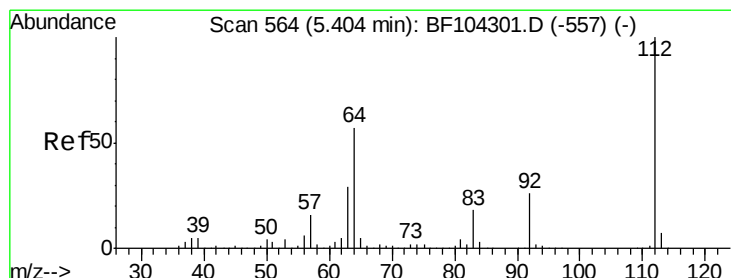
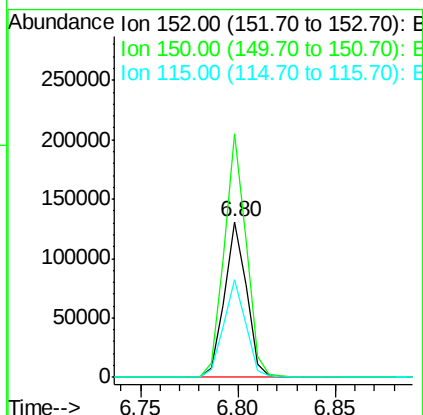
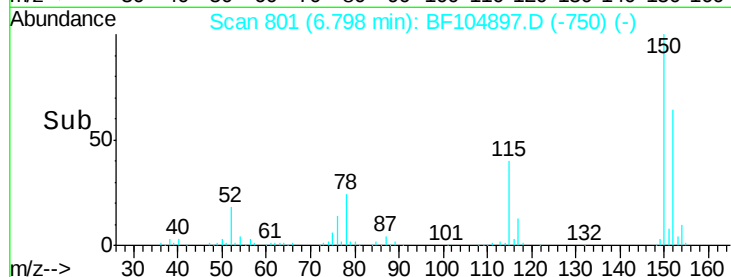


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF104897.D
 Acq: 27 Apr 2018 22:26

Tot Ion:152 Resp: 102794
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 62.8 50.1 75.1

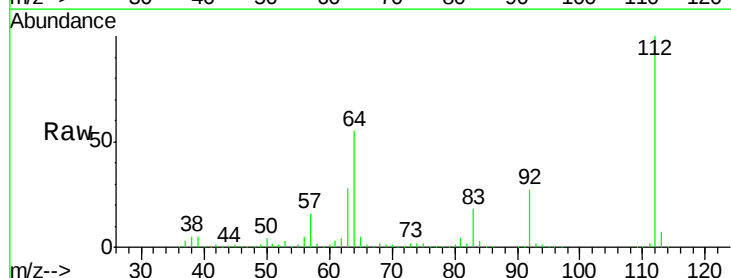


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

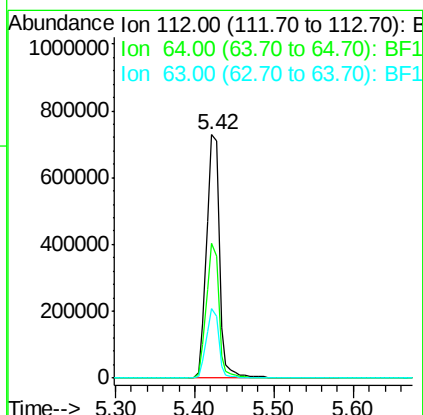
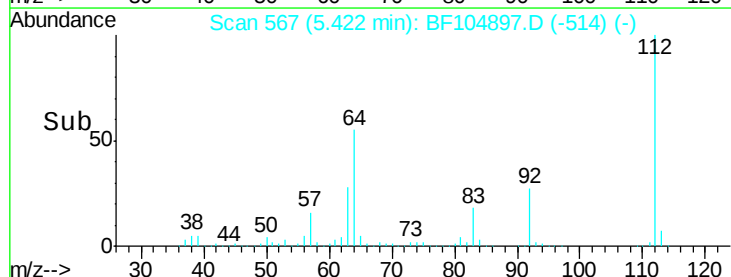


#5
 2-Fluorophenol
 Concen: 124.737 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104897.D
 Acq: 27 Apr 2018 22:26

Tgt Ion:112 Resp: 838570
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.9 71.9
 63 28.3 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: 122.754 ng

RT: 6.45 min Scan# 742

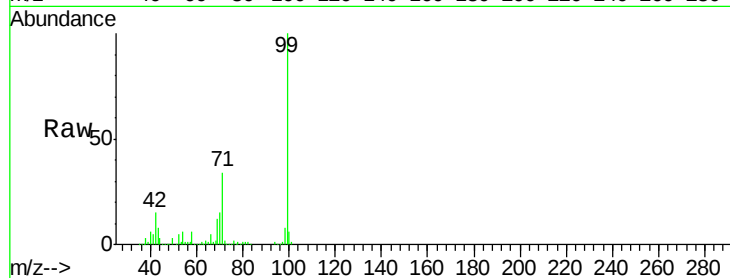
Delta R.T. 0.01 min

Lab File: BF104897.D

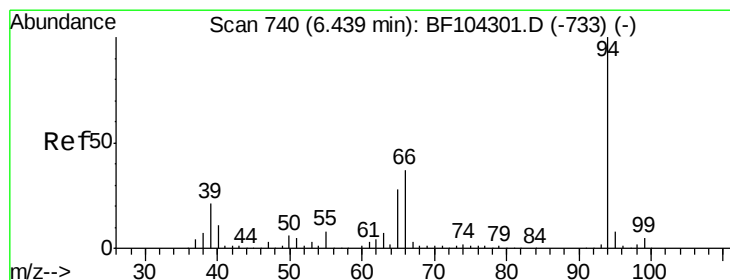
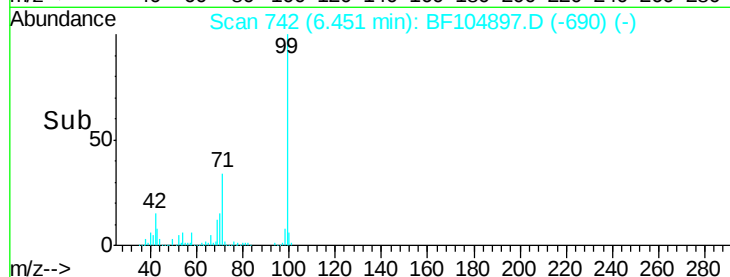
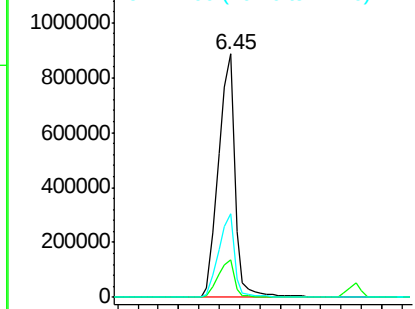
Acq: 27 Apr 2018 22:26

Tot Ion: 99 Resp: 1013955

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	34.2	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: 2.760 ng

RT: 6.46 min Scan# 743

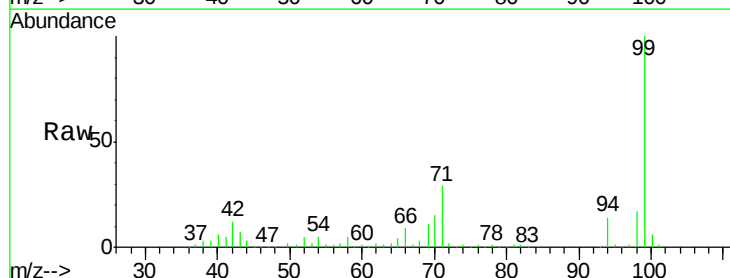
Delta R.T. 0.00 min

Lab File: BF104897.D

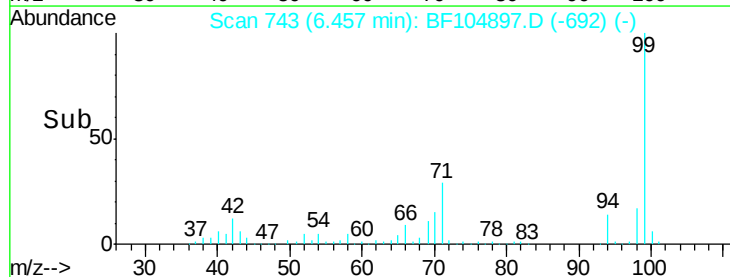
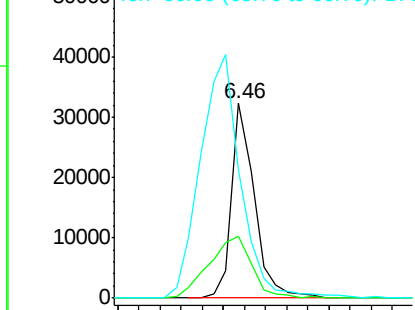
Acq: 27 Apr 2018 22:26

Tgt Ion: 94 Resp: 24190

Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.9	47.9
66	65.7	16.2	56.2



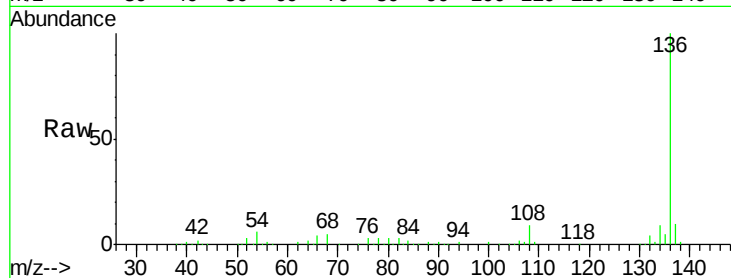
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



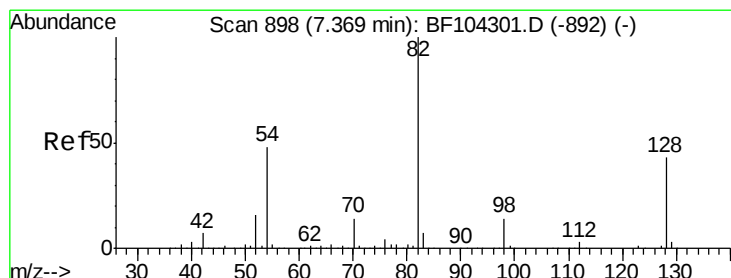
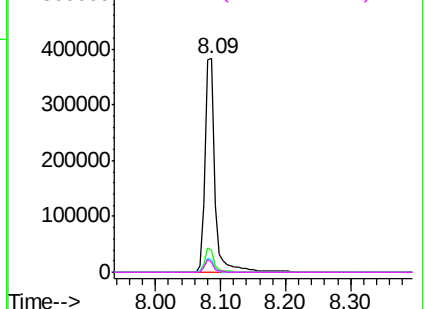
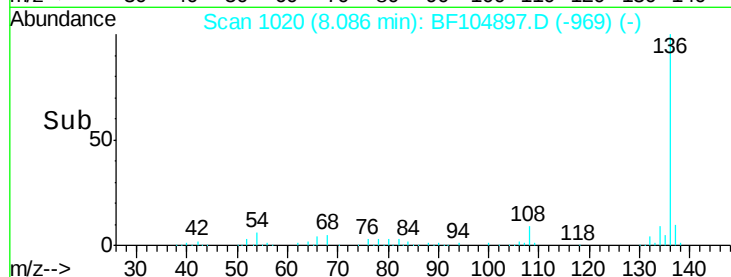


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

Tot Ion:136	Resp:	410956
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.9	13.3
54 5.9	6.6	9.8#
68 5.0	5.0	7.4

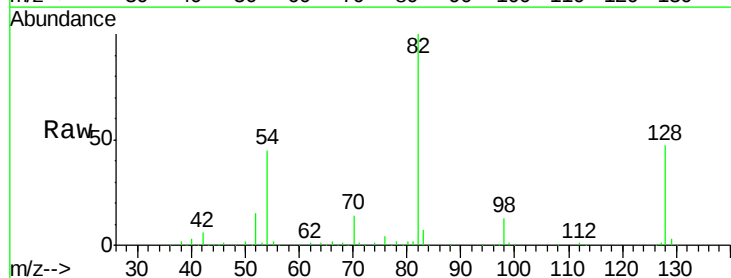


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

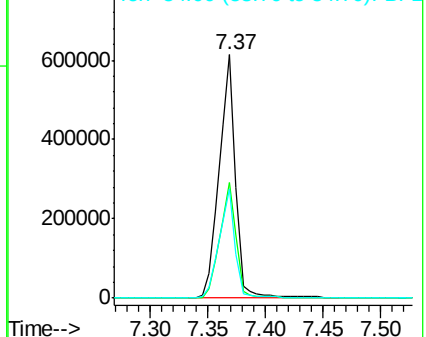
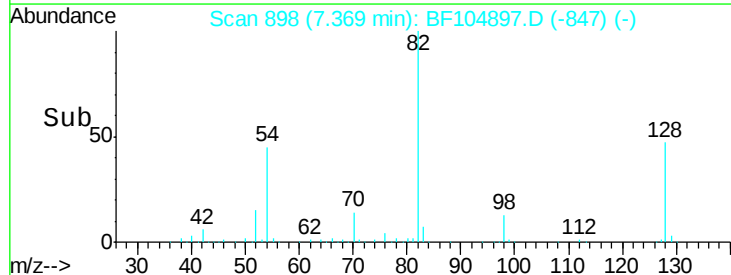


#23
Nitrobenzene-d5
Concen: 96.520 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

Tgt	Ion: 82	Resp:	607450
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	45.0	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

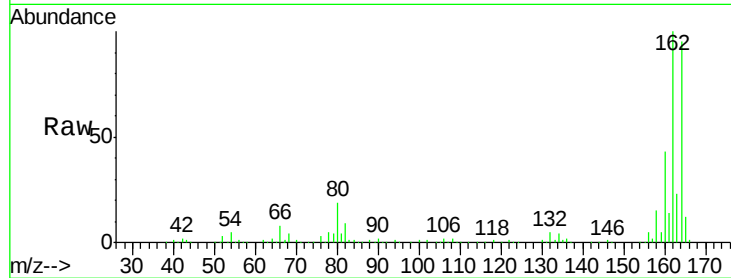
Tot Ion:164 Resp: 168887

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

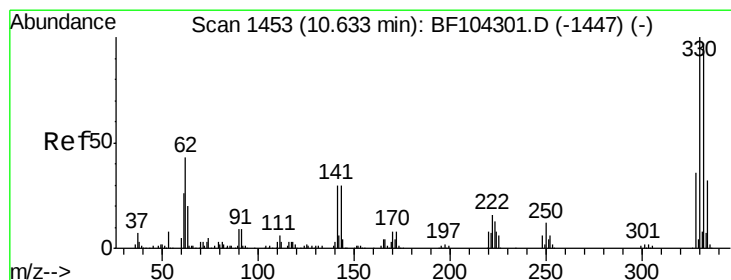
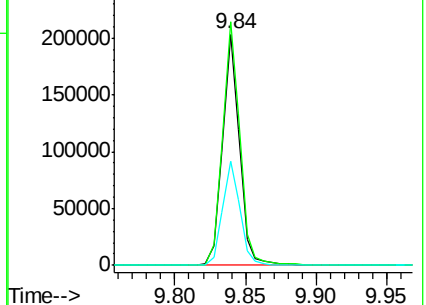
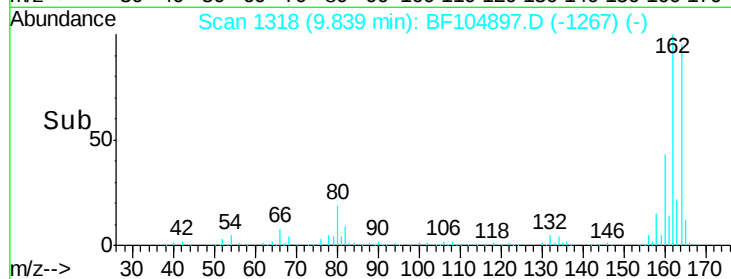
160 44.8 38.3 57.5



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: 127.779 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

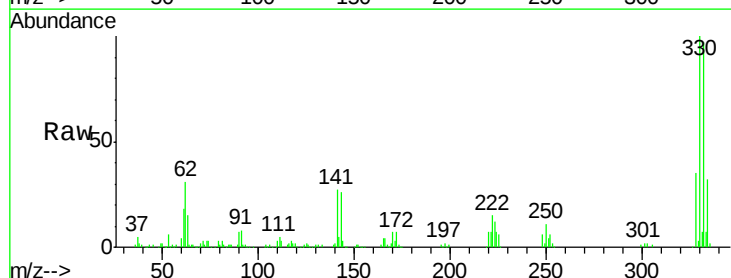
Tgt Ion:330 Resp: 223858

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

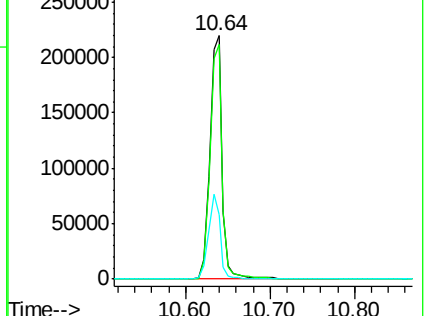
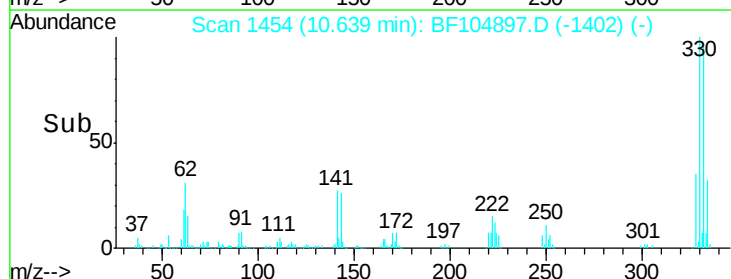
141 33.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

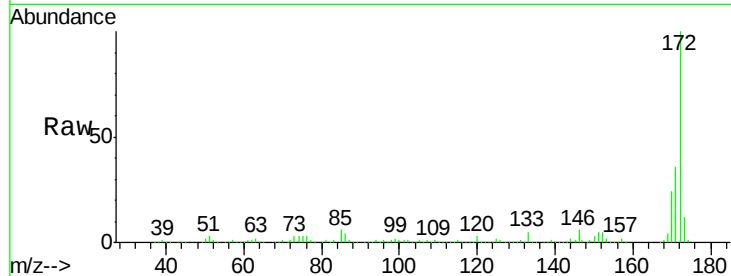
Ion 141.00 (140.70 to 141.70): E



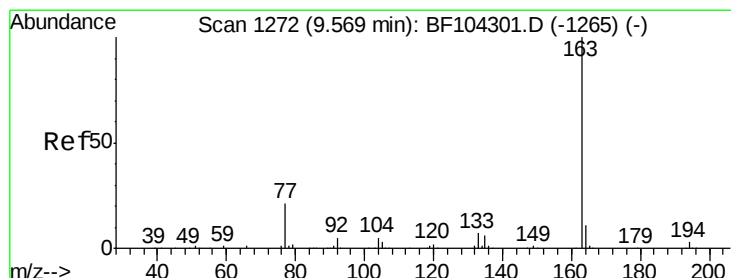
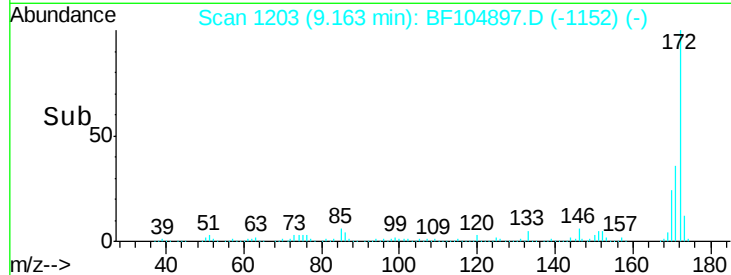
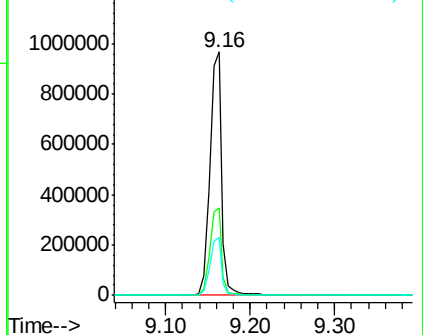


#44
2-Fluorobiphenyl
Concen: 89.378 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

Tot Ion:172 Resp: 955516
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.7 19.6 29.4

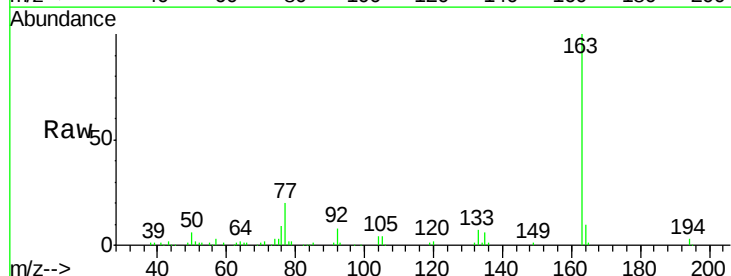


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

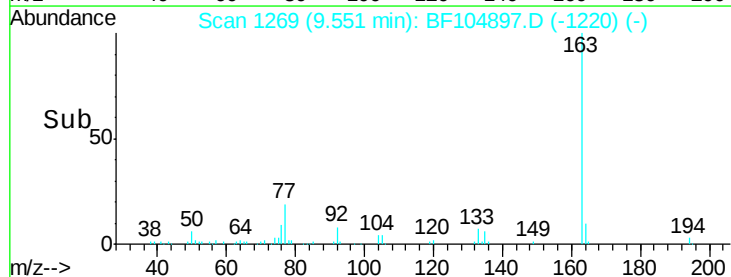
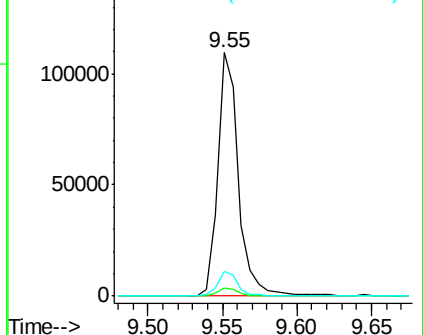


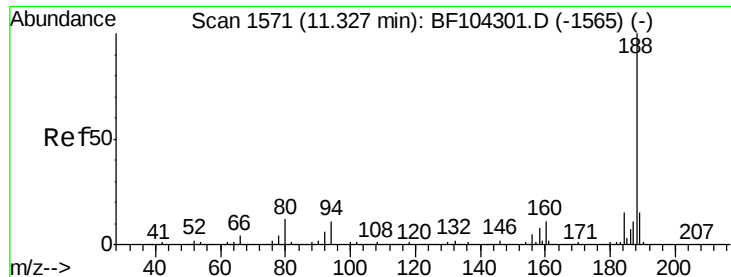
#49
Dimethylphthalate
Concen: 8.016 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

Tgt Ion:163 Resp: 106755
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2



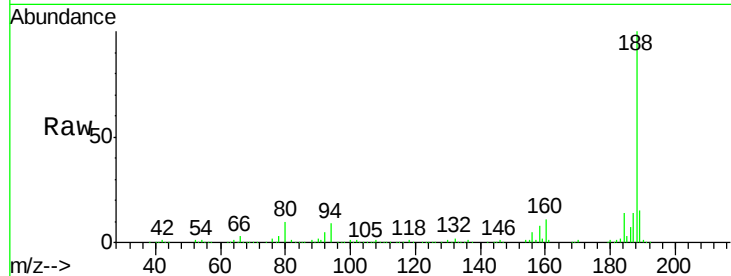
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



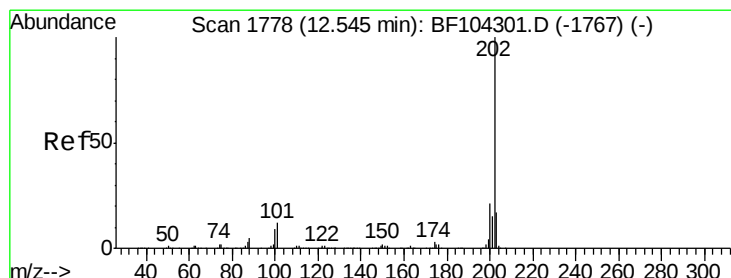
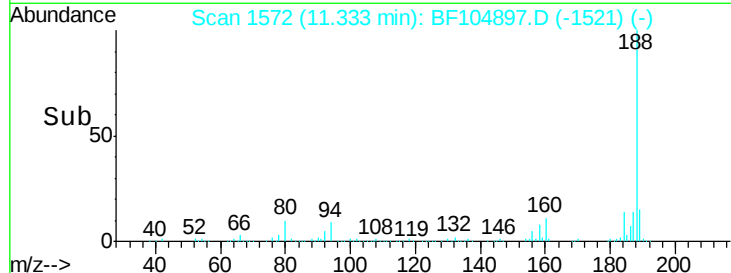
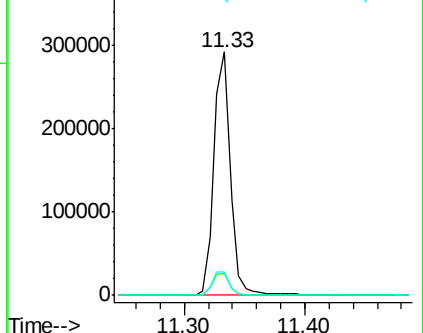


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

Tot Ion:188	Resp: 273712
Ion Ratio	Lower Upper
188 100	
94 8.9	8.5 12.7
80 9.9	9.2 13.8

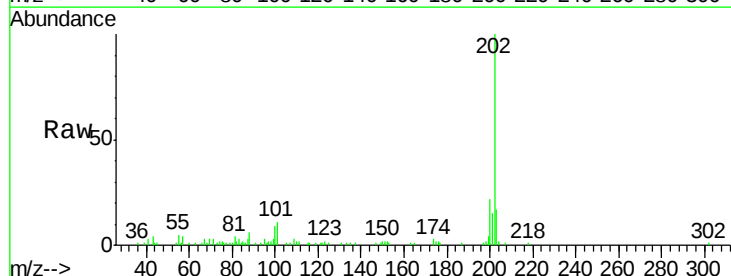


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

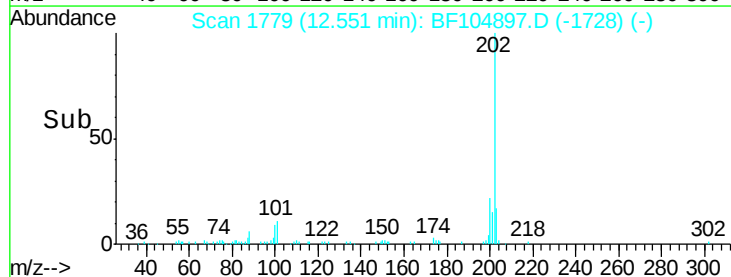
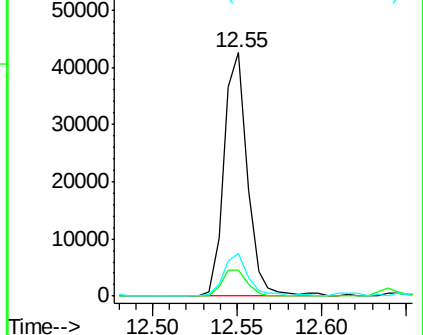


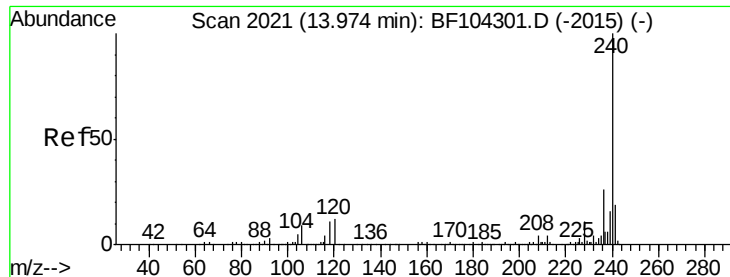
#74
Fluoranthene
Concen: 2.589 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

Tgt	Ion:202	Resp:	41228
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.4	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

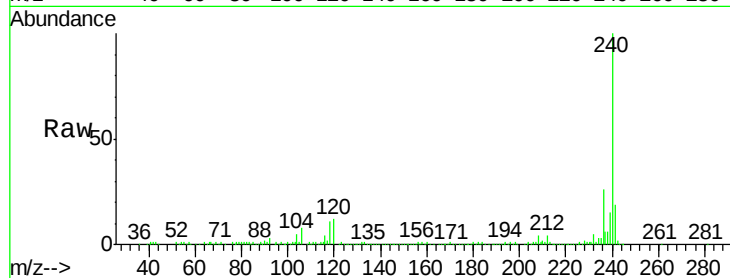
Tot Ion:240 Resp: 225414

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

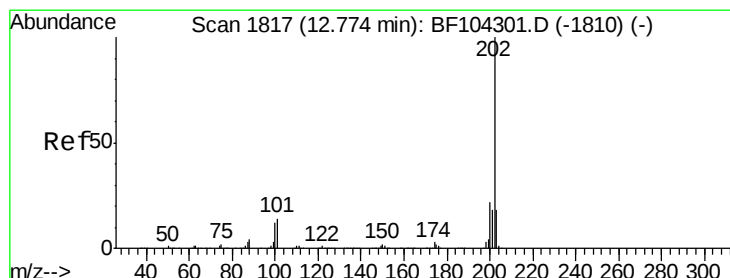
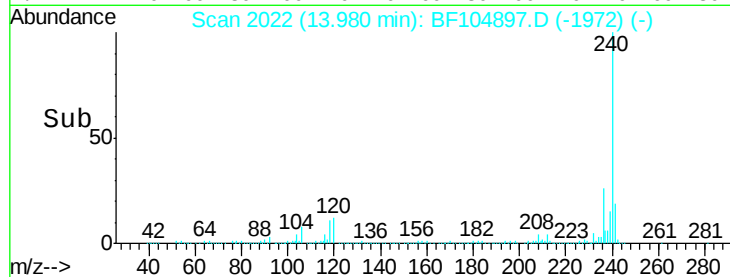
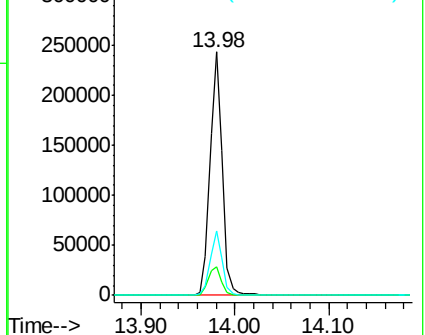
236 26.3 20.7 31.1



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



#77

Pyrene

Concen: 2.083 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

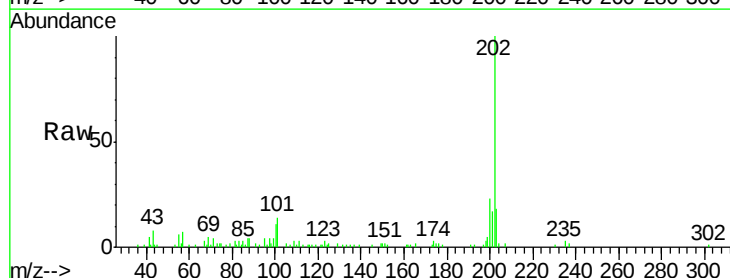
Tgt Ion:202 Resp: 34800

Ion Ratio Lower Upper

202 100

200 22.8 17.4 26.2

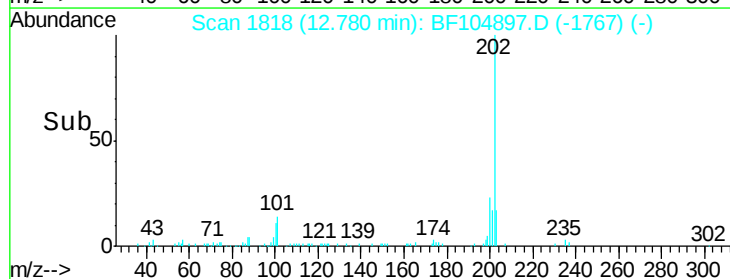
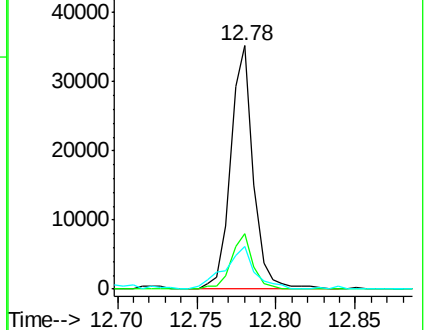
203 17.7 14.3 21.5

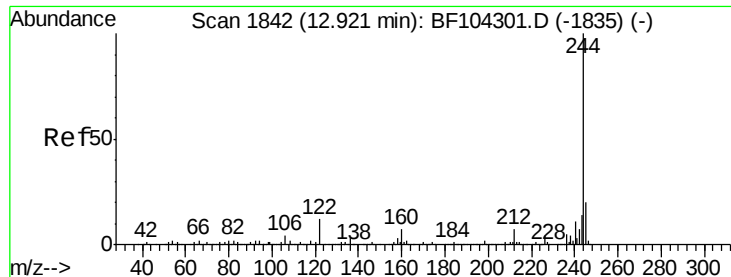


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

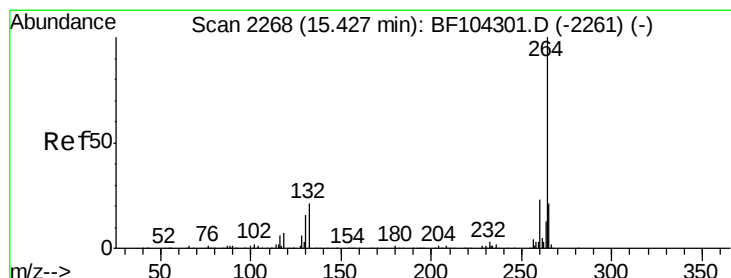
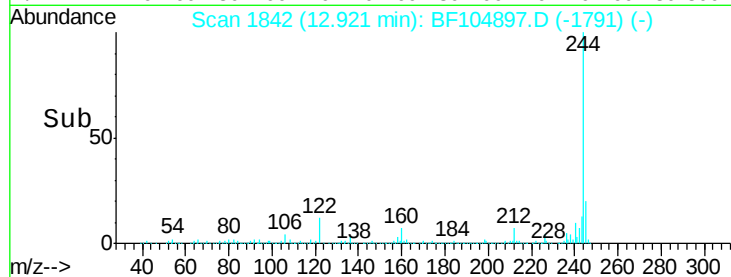
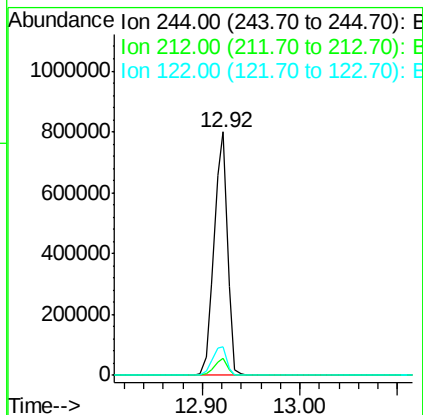
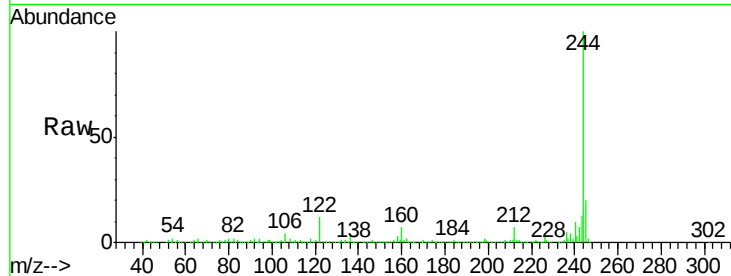
Ion 203.00 (202.70 to 203.70): E





#78
 Terphenyl-d14
 Concen: 76.781 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104897.D
 Acq: 27 Apr 2018 22:26

Tot Ion:244 Resp: 759162
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.8 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: BF104897.D
 Acq: 27 Apr 2018 22:26

Tgt Ion:264 Resp: 172115
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.7 17.5 26.3

