

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

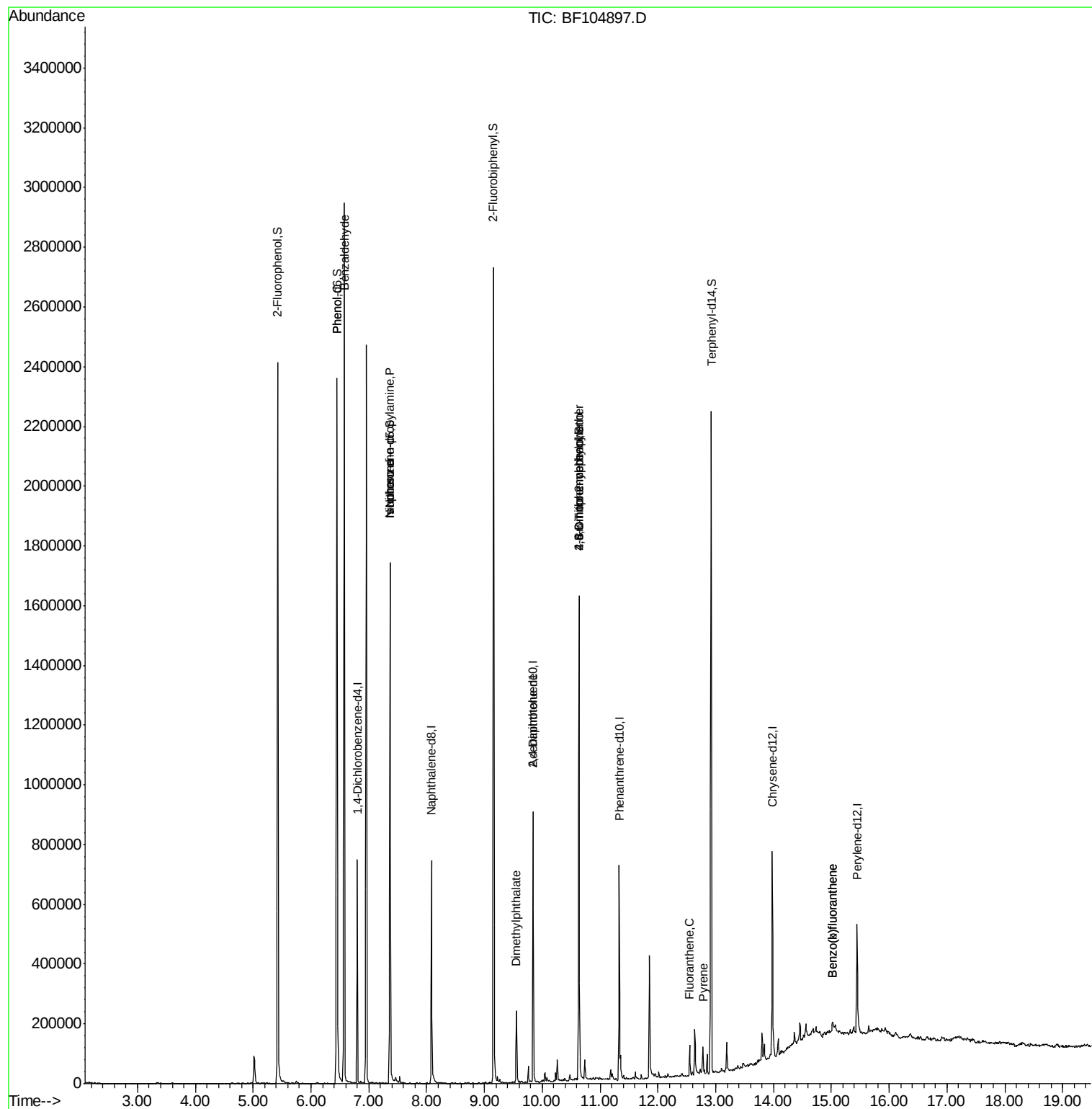
Quant Time: Apr 28 00:00:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

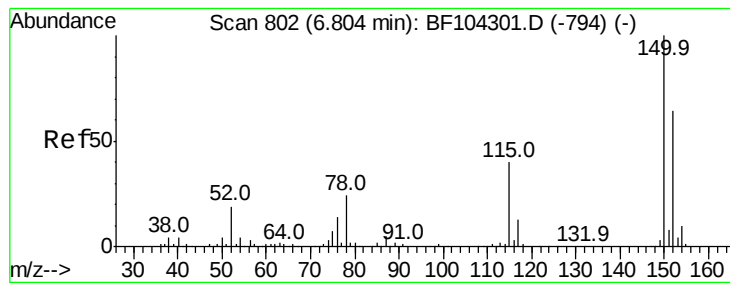
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102794	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	410956	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	168887	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	273712	20.00	ng	0.00
75) Chrysene-d12	13.98	240	225414	20.00	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						Qvalue
9) Benzaldehyde	6.57	77	18380	2.113	ng	82
10) Phenol	6.46	94	24190	2.760	ng	# 68
19) n-Nitroso-di-n-propylamine	7.37	70	79398	14.710	ng	# 71
25) Isophorone	7.37	82	607443	45.643	ng	# 64
49) Dimethylphthalate	9.55	163	106755	8.016	ng	100
56) 2,4-Dinitrotoluene	9.84	165	21877	6.768	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	288	7.530	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13692	4.703	ng	# 1
74) Fluoranthene	12.55	202	41228	2.589	ng	95
76) Benzidine	12.92	184	10052	Below Cal		98
77) Pyrene	12.78	202	34800	2.083	ng	99
87) Benzo(b)fluoranthene	15.02	252	28472	2.619	ng	# 83
88) Benzo(k)fluoranthene	15.02	252	28472	2.774	ng	# 86

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

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 00:00:53 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

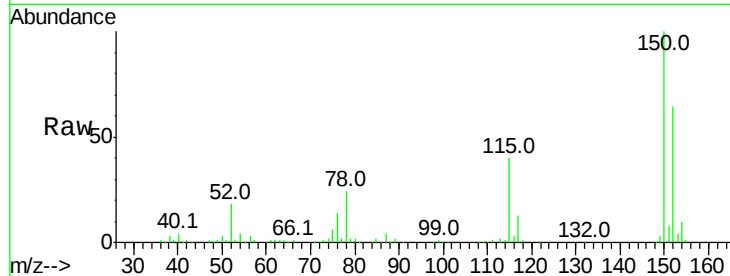




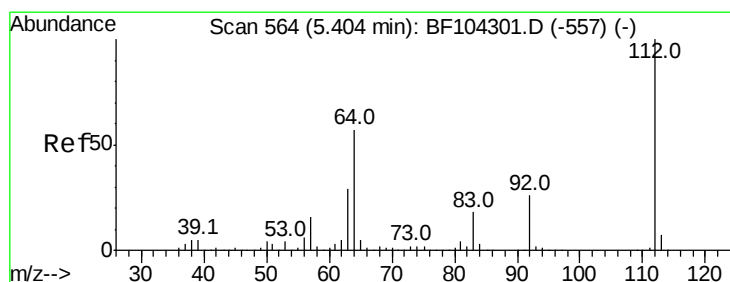
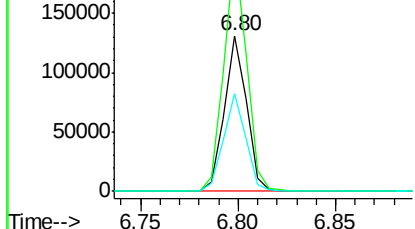
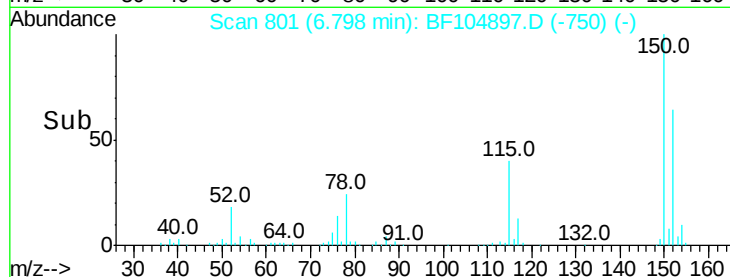
#1

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



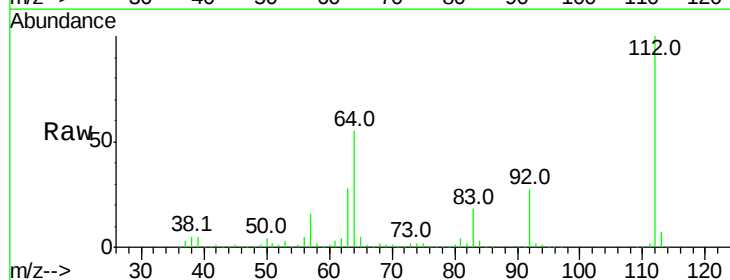
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



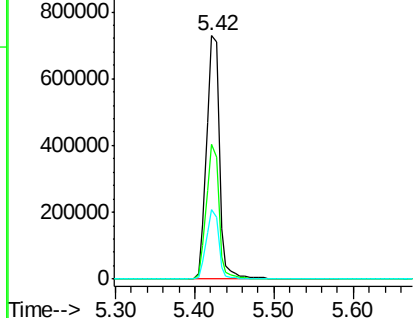
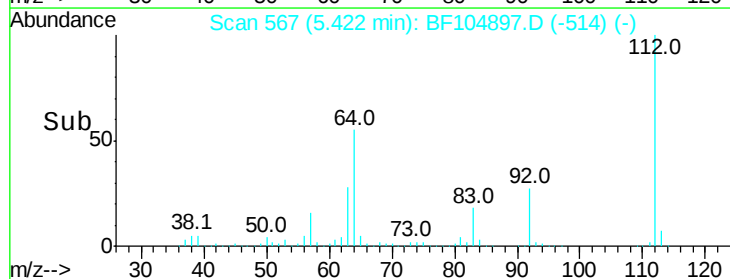
#5

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

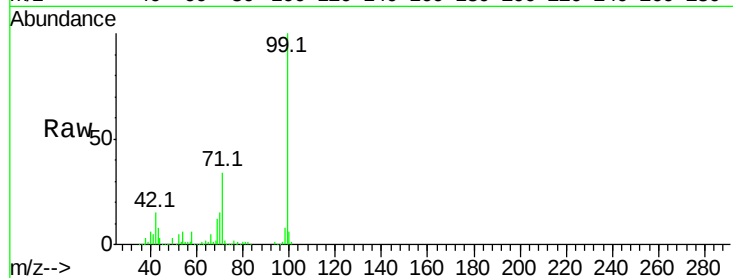
Delta R.T. 0.01 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

Tot Ion: 99 Resp: 1013955

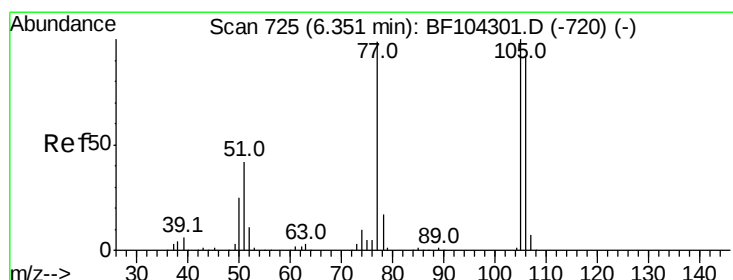
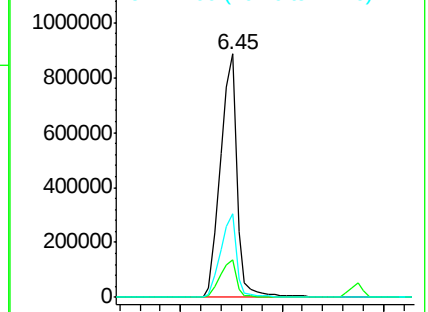
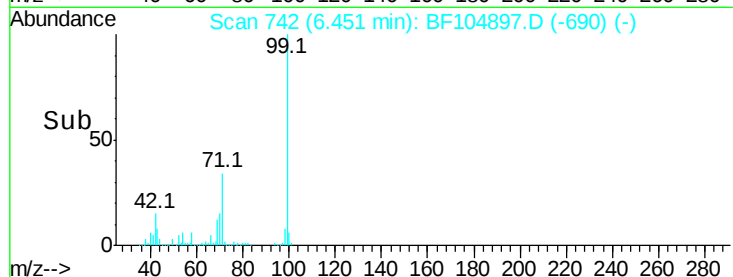
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	34.2	25.4	38.0



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



#9

Benzaldehyde

Concen: 2.113 ng

RT: 6.57 min Scan# 763

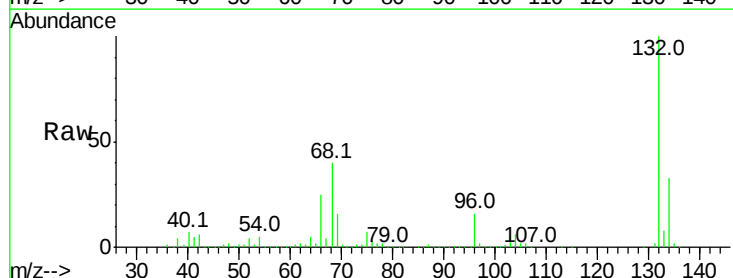
Delta R.T. 0.22 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

Tgt Ion: 77 Resp: 18380

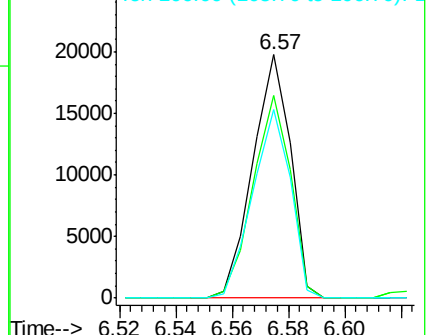
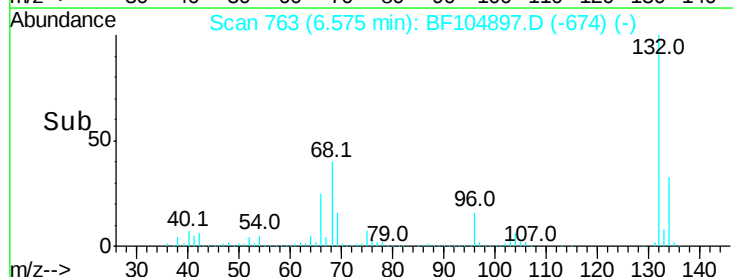
Ion	Ratio	Lower	Upper
77	100		
105	83.4	81.1	121.1
106	77.6	74.5	114.5

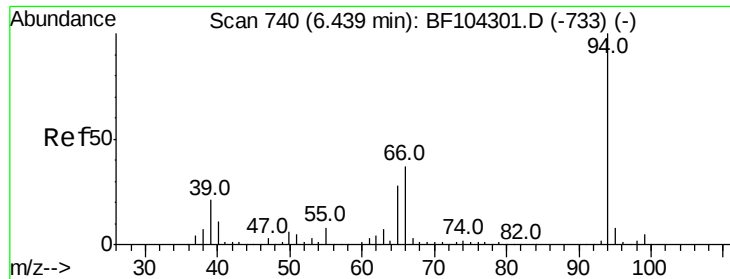


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.760 ng

RT: 6.46 min Scan# 743

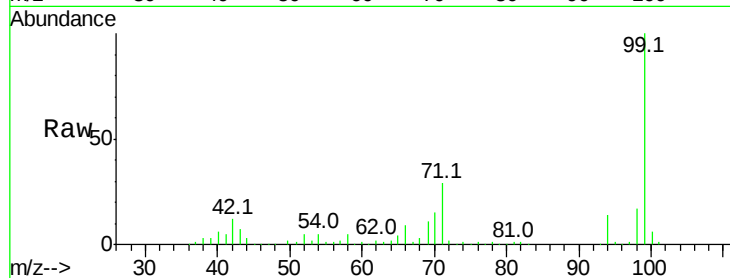
Delta R.T. 0.00 min

Lab File: BF104897.D

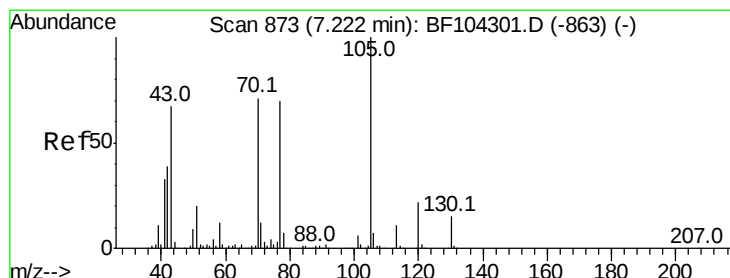
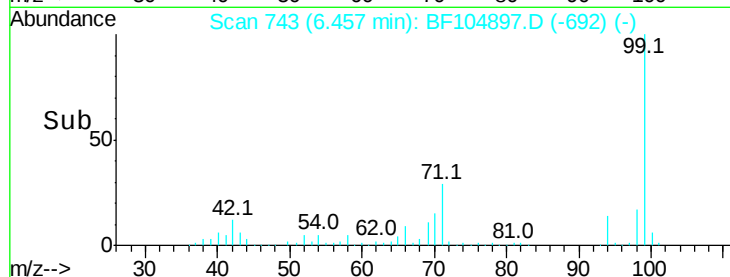
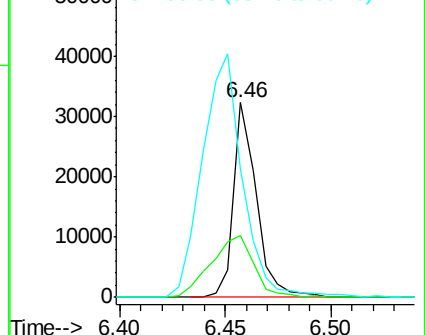
Acq: 27 Apr 2018 22:26

Tot 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.710 ng

RT: 7.37 min Scan# 898

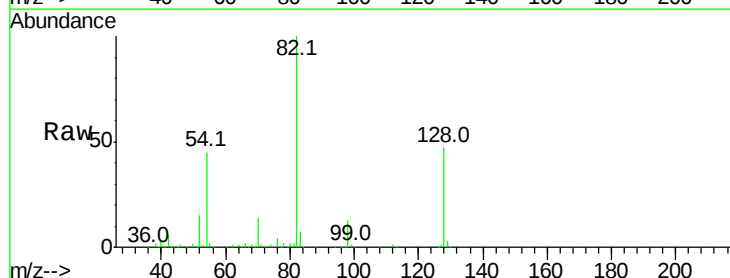
Delta R.T. 0.15 min

Lab File: BF104897.D

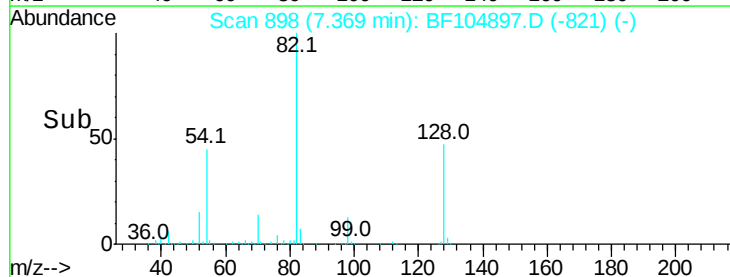
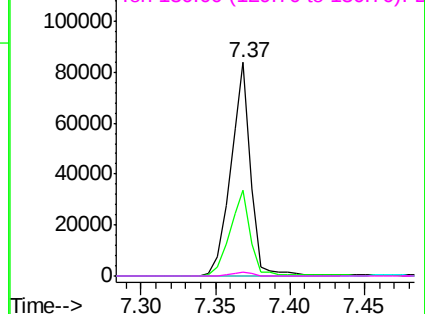
Acq: 27 Apr 2018 22:26

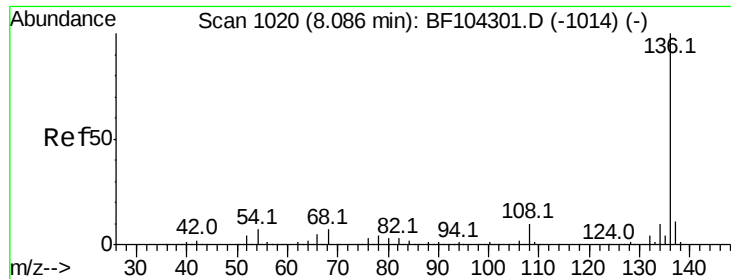
Tgt Ion: 70 Resp: 79398

Ion	Ratio	Lower	Upper
70	100		
42	40.3	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



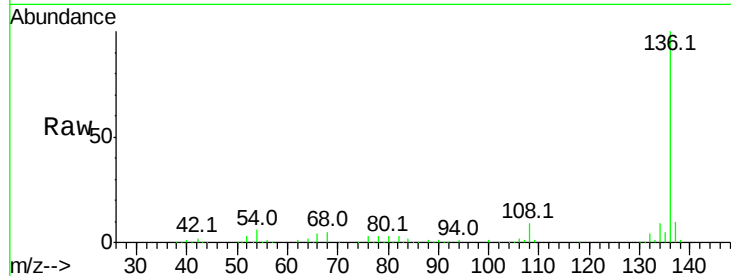
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



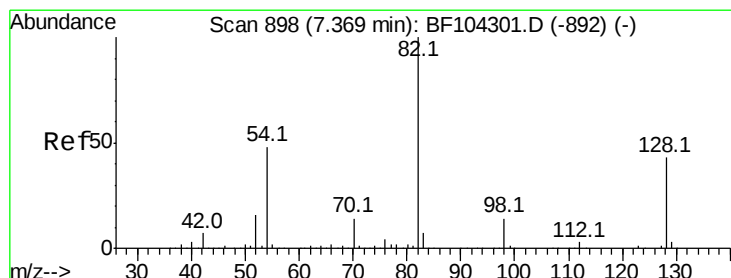
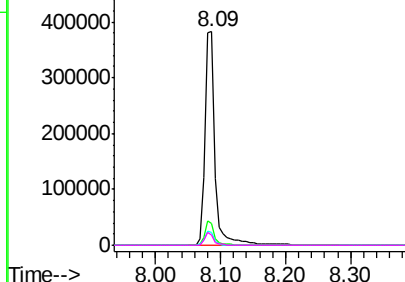
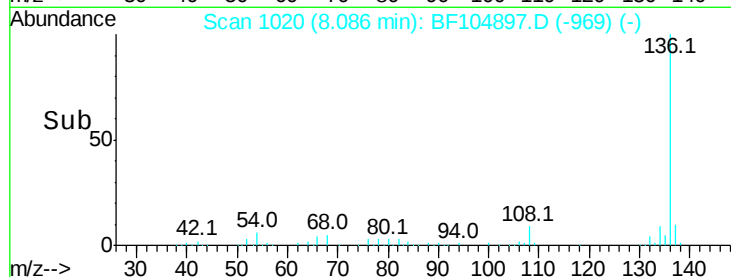


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

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

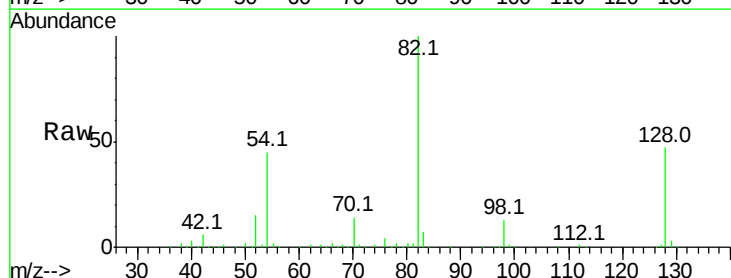


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

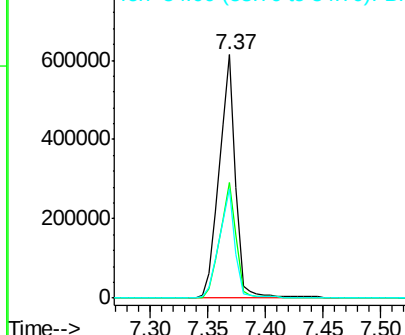
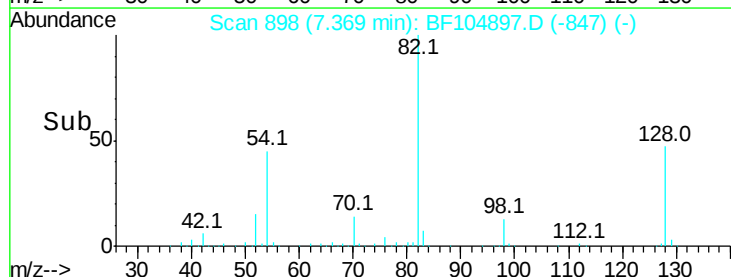


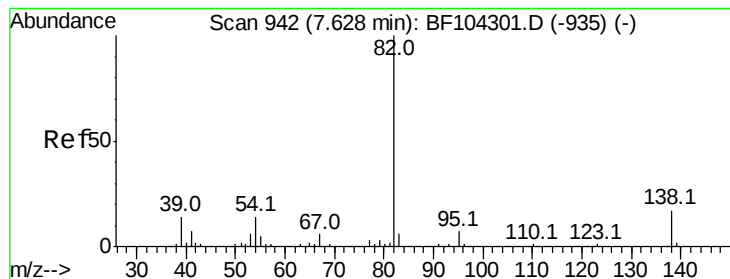
#23
Nitrobenzene-d5
Concen: 96.520 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

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





#25

Isophorone

Concen: 45.643 ng

RT: 7.37 min Scan# 898

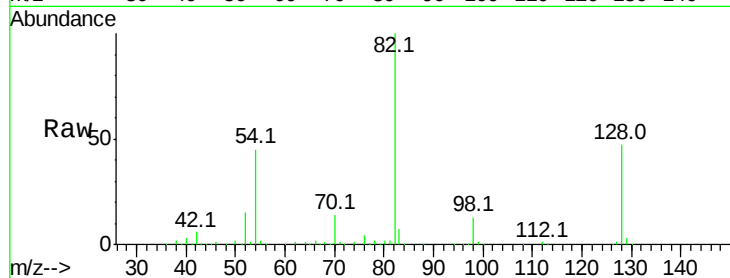
Delta R.T. -0.26 min

Lab File: BF104897.D

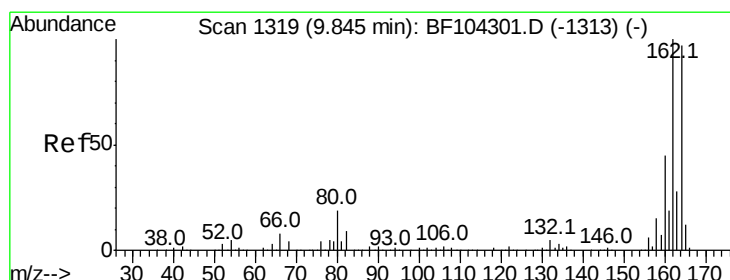
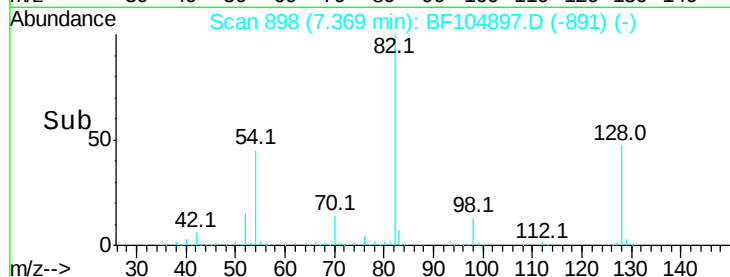
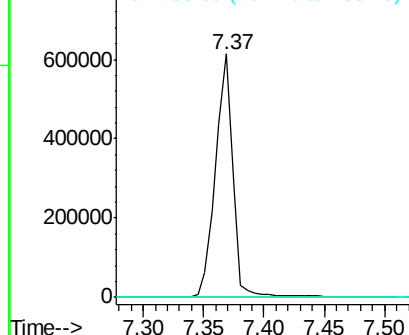
Acq: 27 Apr 2018 22:26

Tot Ion: 82 Resp: 607443

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

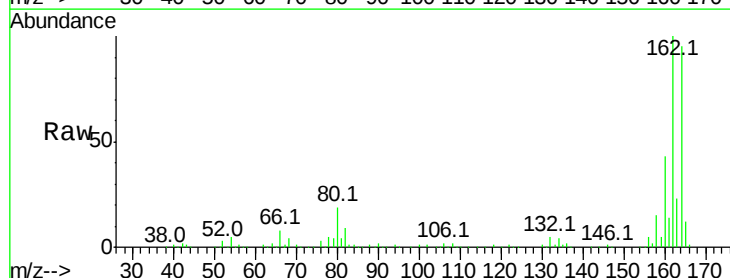
Delta R.T. 0.00 min

Lab File: BF104897.D

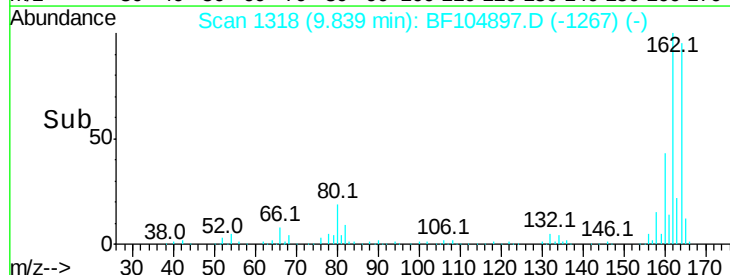
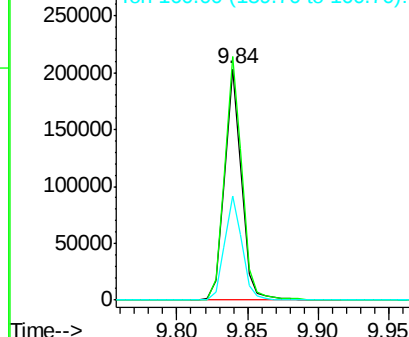
Acq: 27 Apr 2018 22:26

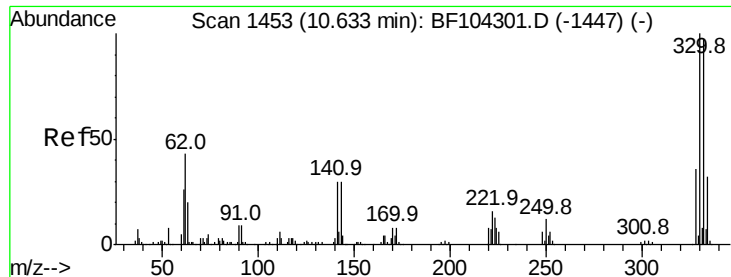
Tgt Ion: 164 Resp: 168887

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	44.8	38.3	57.5



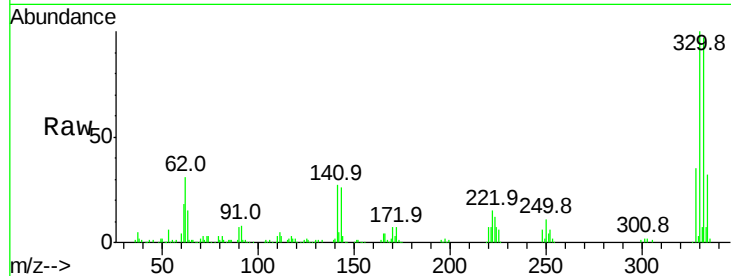
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



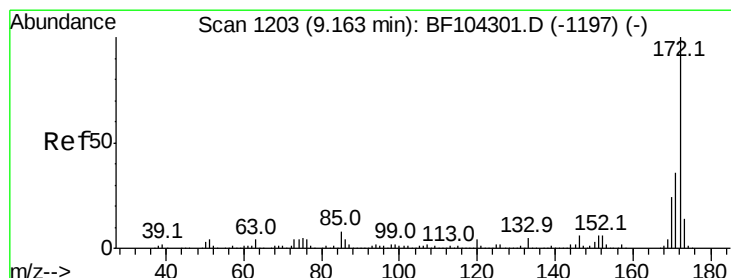
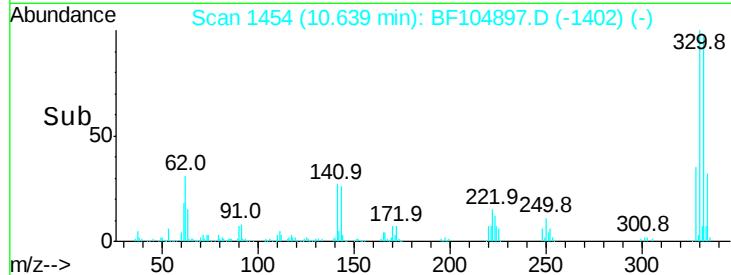
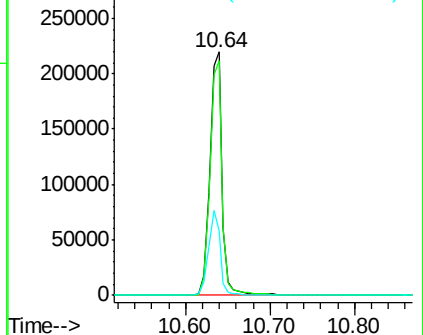


#41
 2,4,6-Tribromophenol
 Concen: 127.779 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104897.D
 Acq: 27 Apr 2018 22:26

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.7	29.9	44.9

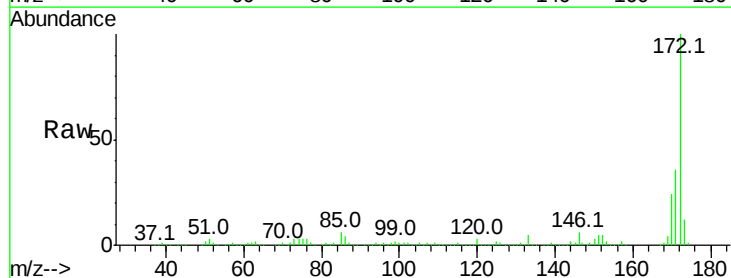


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

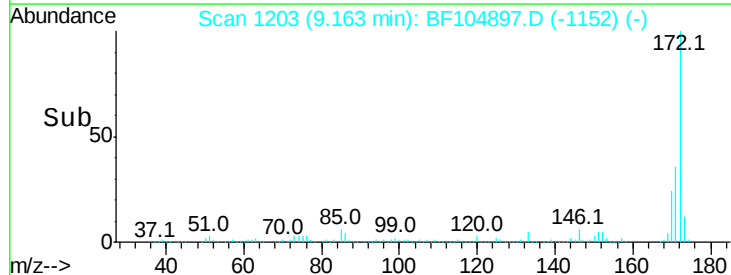
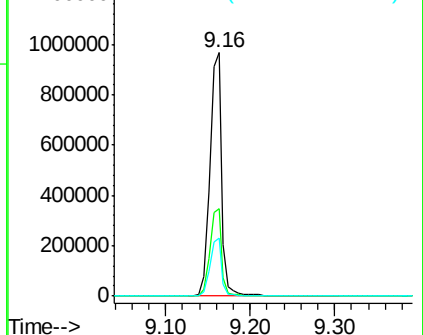


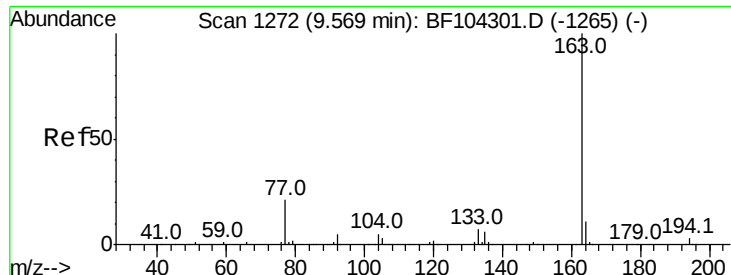
#44
 2-Fluorobiphenyl
 Concen: 89.378 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104897.D
 Acq: 27 Apr 2018 22:26

Tgt 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

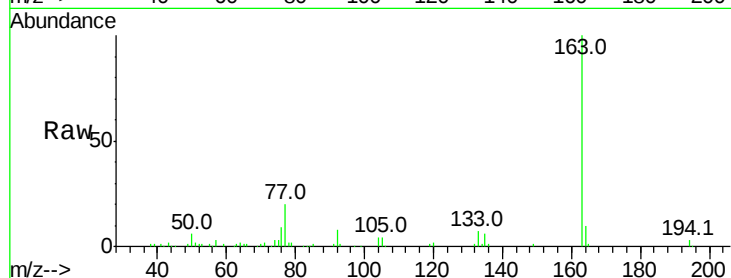
Tot Ion:163 Resp: 106755

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

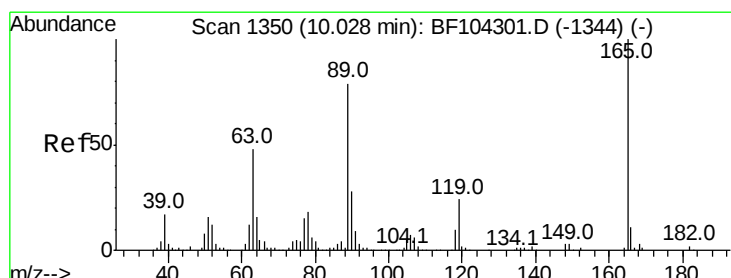
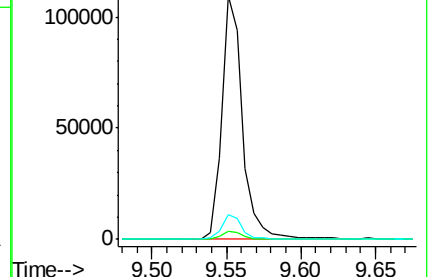
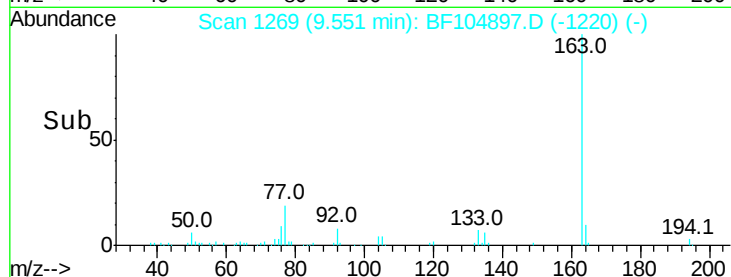
164 10.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.768 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.20 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

Tgt Ion:165 Resp: 21877

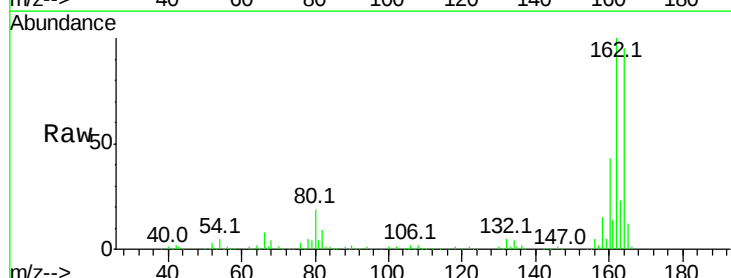
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

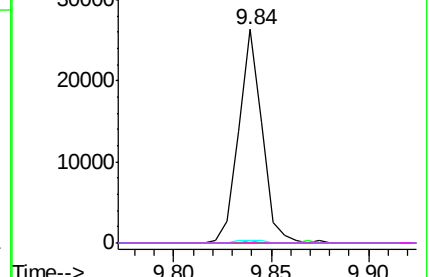
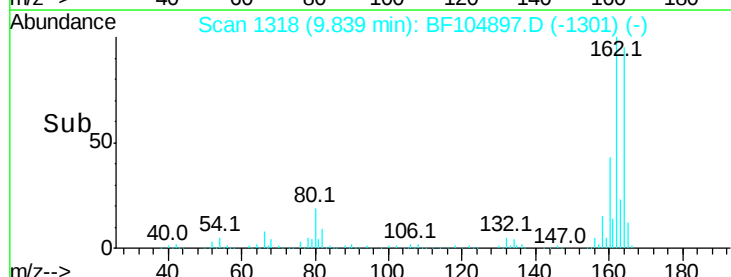


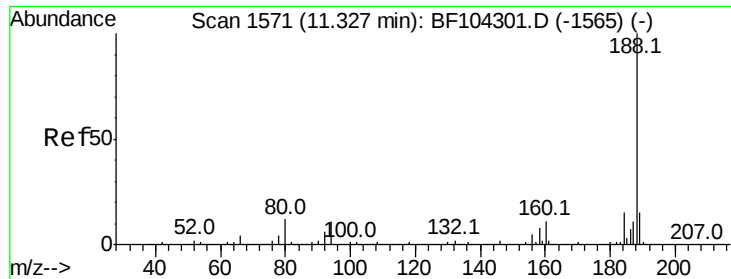
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

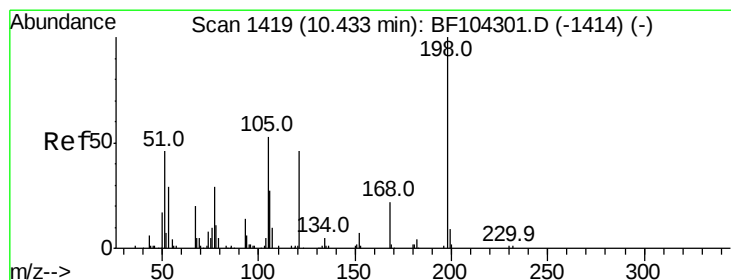
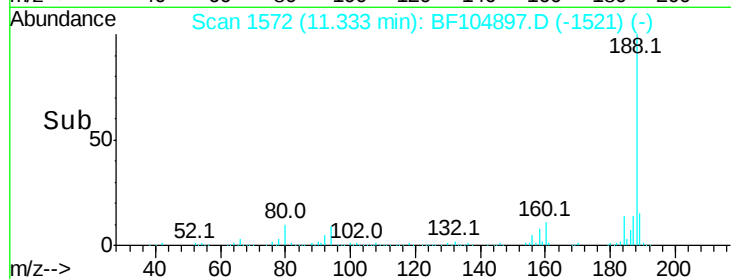
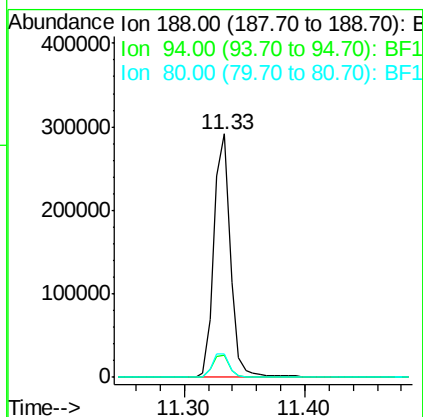
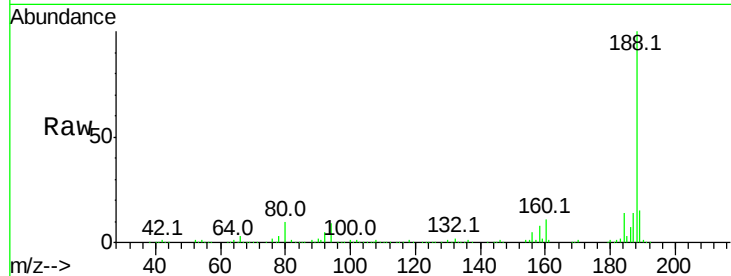
Ion 182.00 (181.70 to 182.70): E





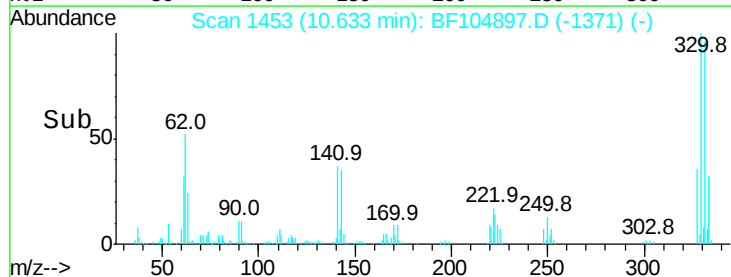
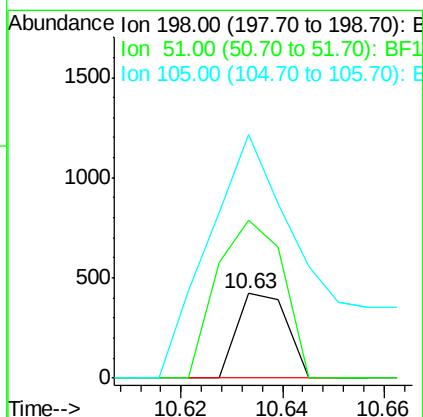
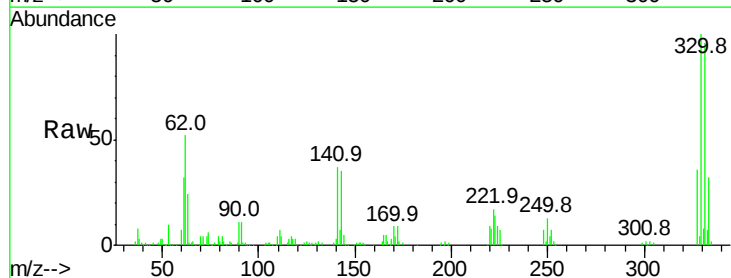
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

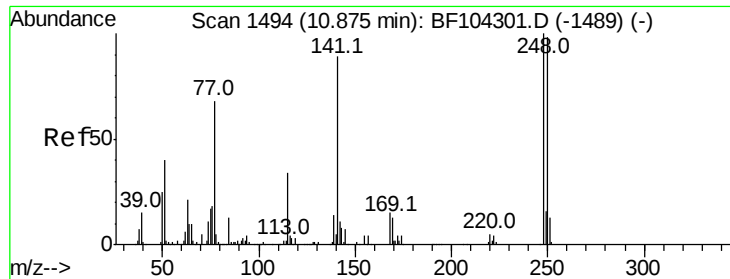
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.9	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.530 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

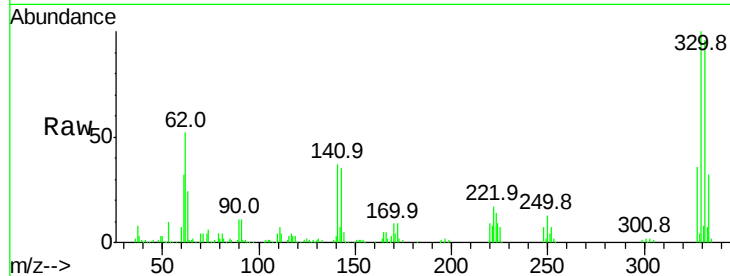
Tgt Ion	Ratio	Lower	Upper
198	100		
51	187.4	37.7	77.7#
105	288.6	36.3	76.3#



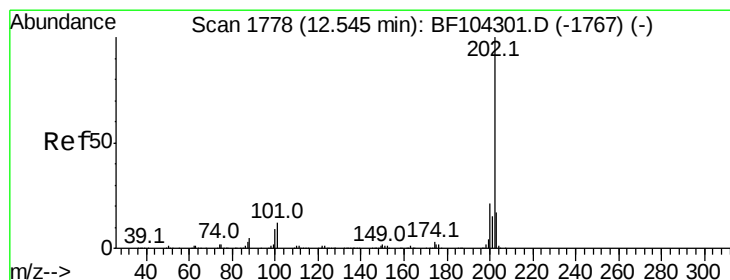
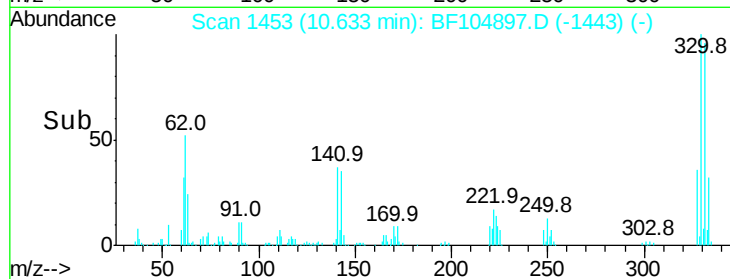
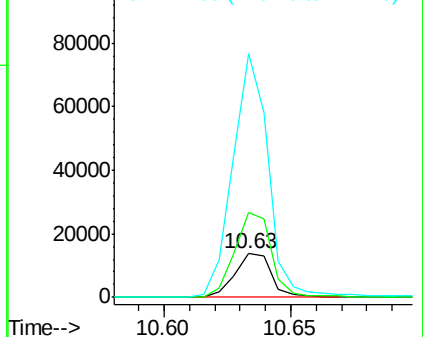


#66
4-Bromophenyl-phenylether
Concen: 4.703 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

Tot Ion	Ratio	Lower	Upper
248	100		
250	193.7	76.9	115.3#
141	556.5	74.4	111.6#

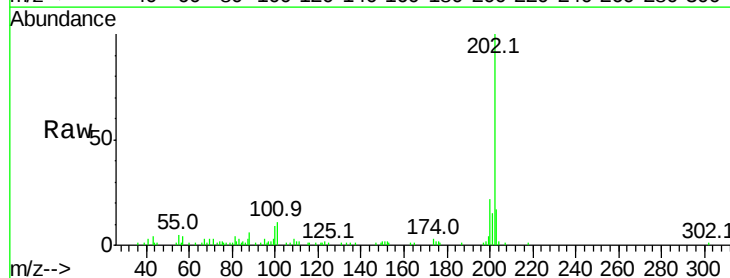


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

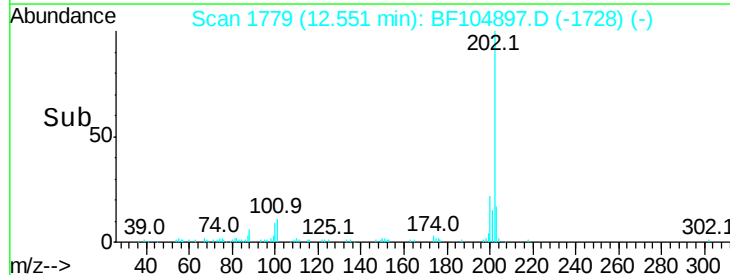
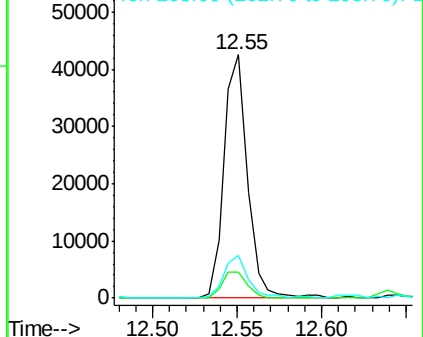


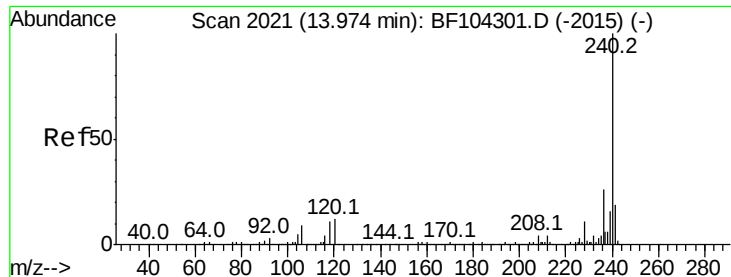
#74
Fluoranthene
Concen: 2.589 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF104897.D
Acq: 27 Apr 2018 22:26

Tgt Ion	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

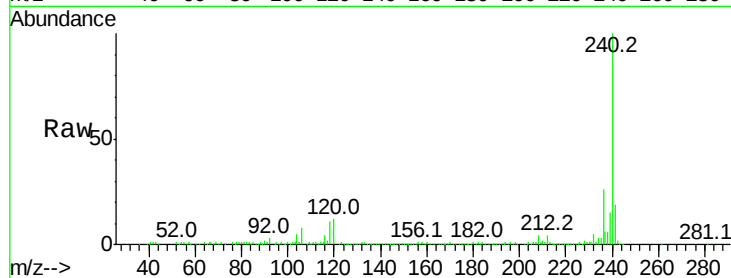
Tot Ion:240 Resp: 225414

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

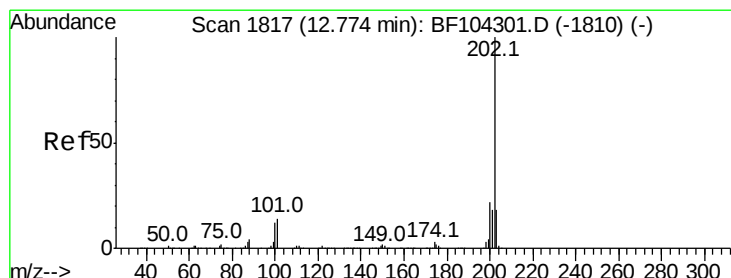
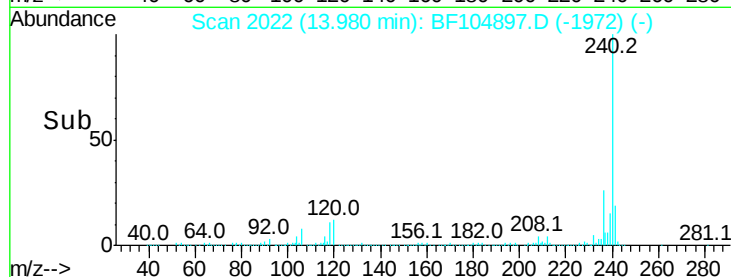
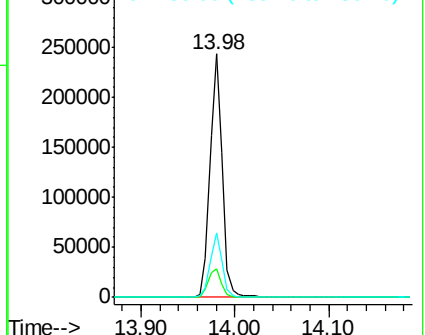
236 26.3 20.7 31.1



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

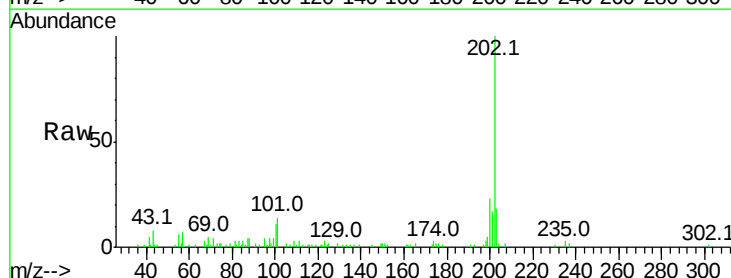
Tgt Ion:202 Resp: 34800

Ion Ratio Lower Upper

202 100

200 22.8 17.4 26.2

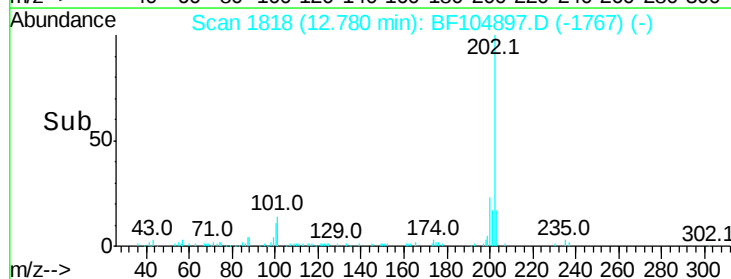
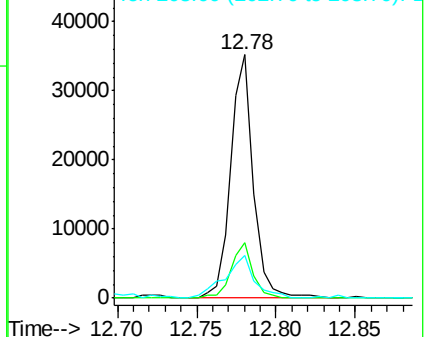
203 17.7 14.3 21.5

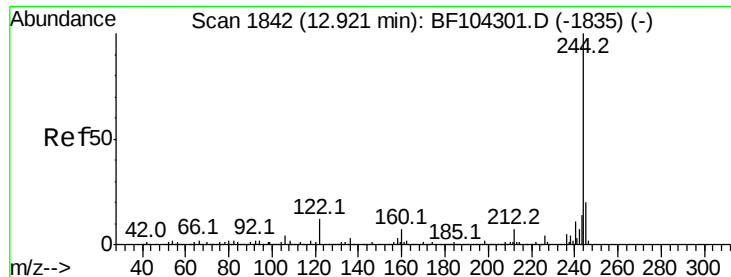


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

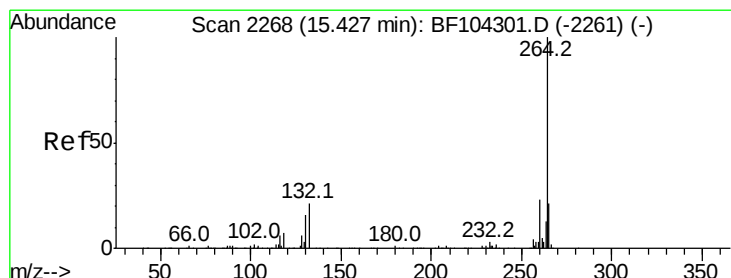
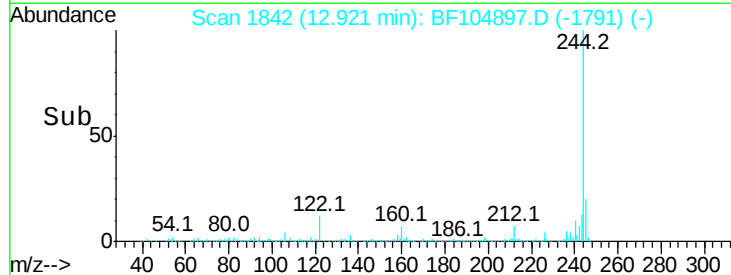
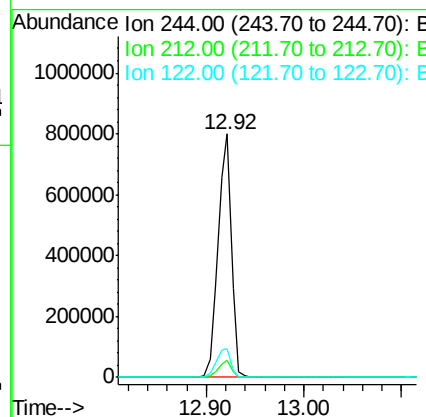
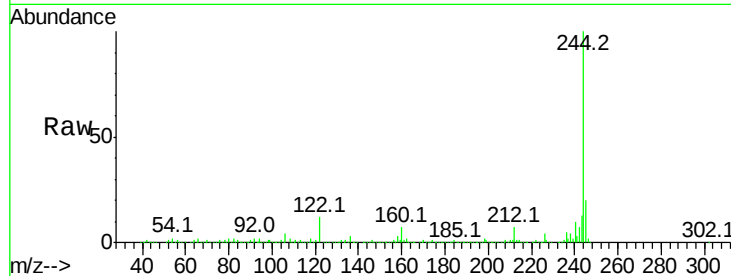
Ion 203.00 (202.70 to 203.70): E





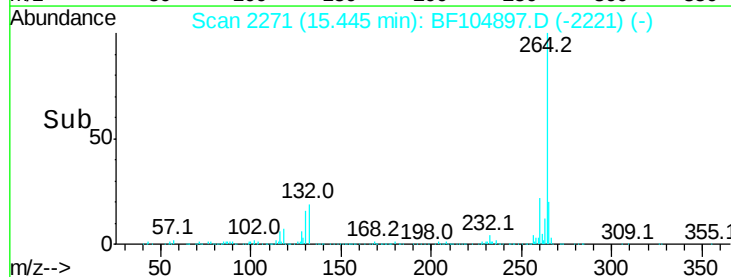
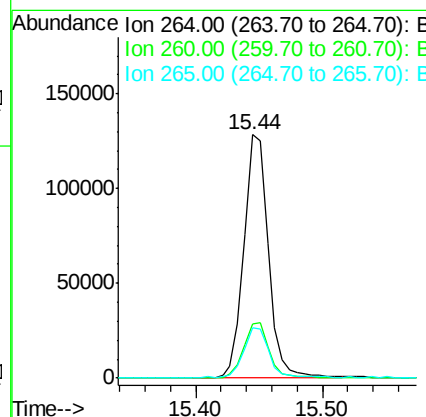
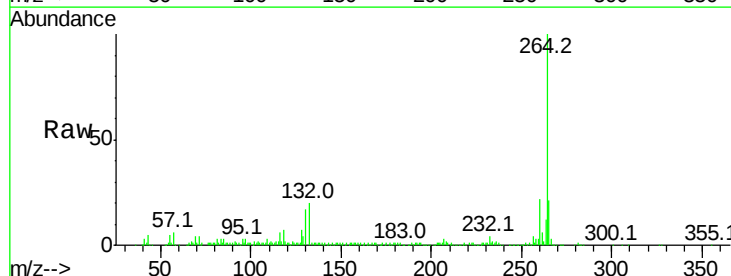
#78
 Terphenyl-d14
 Concen: 76.781 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104897.D
 Acq: 27 Apr 2018 22:26

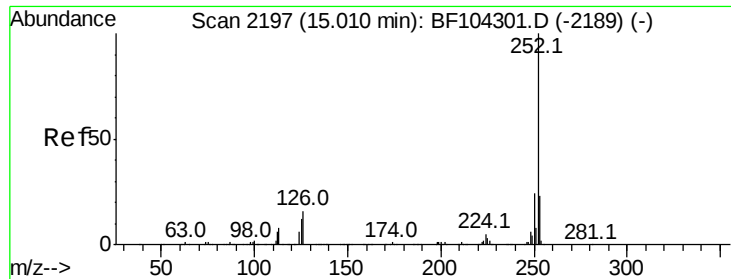
Tot Ion:244 Resp: 759162
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.8 11.0 16.4



#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





#87

Benzo(b)fluoranthene

Concen: 2.619 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

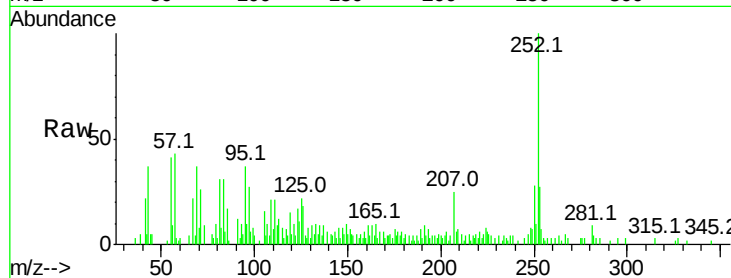
Tot Ion:252 Resp: 28472

Ion Ratio Lower Upper

252 100

253 26.9 17.0 25.6#

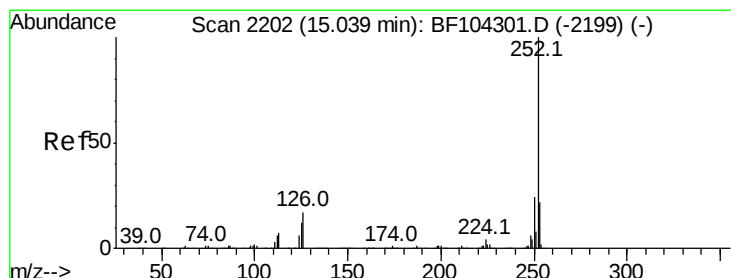
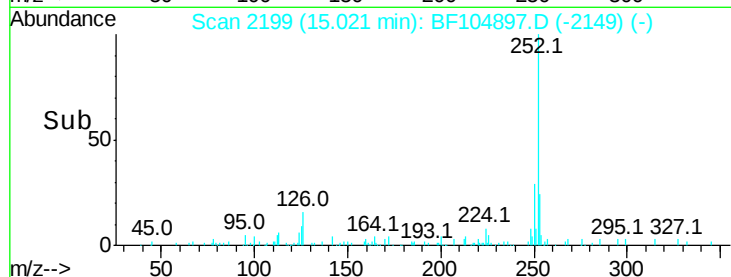
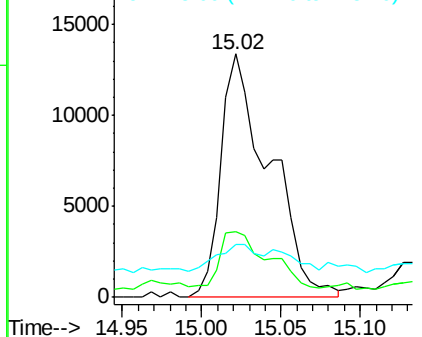
125 21.5 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.774 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BF104897.D

Acq: 27 Apr 2018 22:26

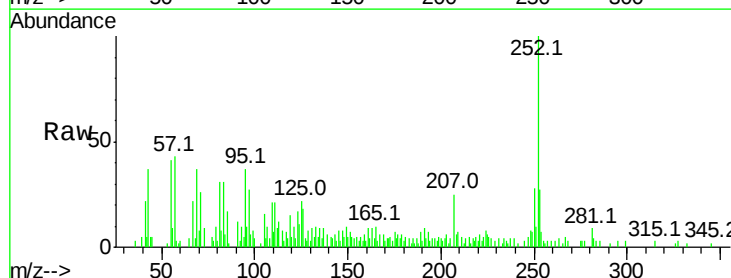
Tgt Ion:252 Resp: 28472

Ion Ratio Lower Upper

252 100

253 26.9 17.9 26.9#

125 21.5 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

