

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102774.D
 Acq On : 6 Feb 2018 10:48
 Operator : SJ/JU
 Sample : PB106315BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

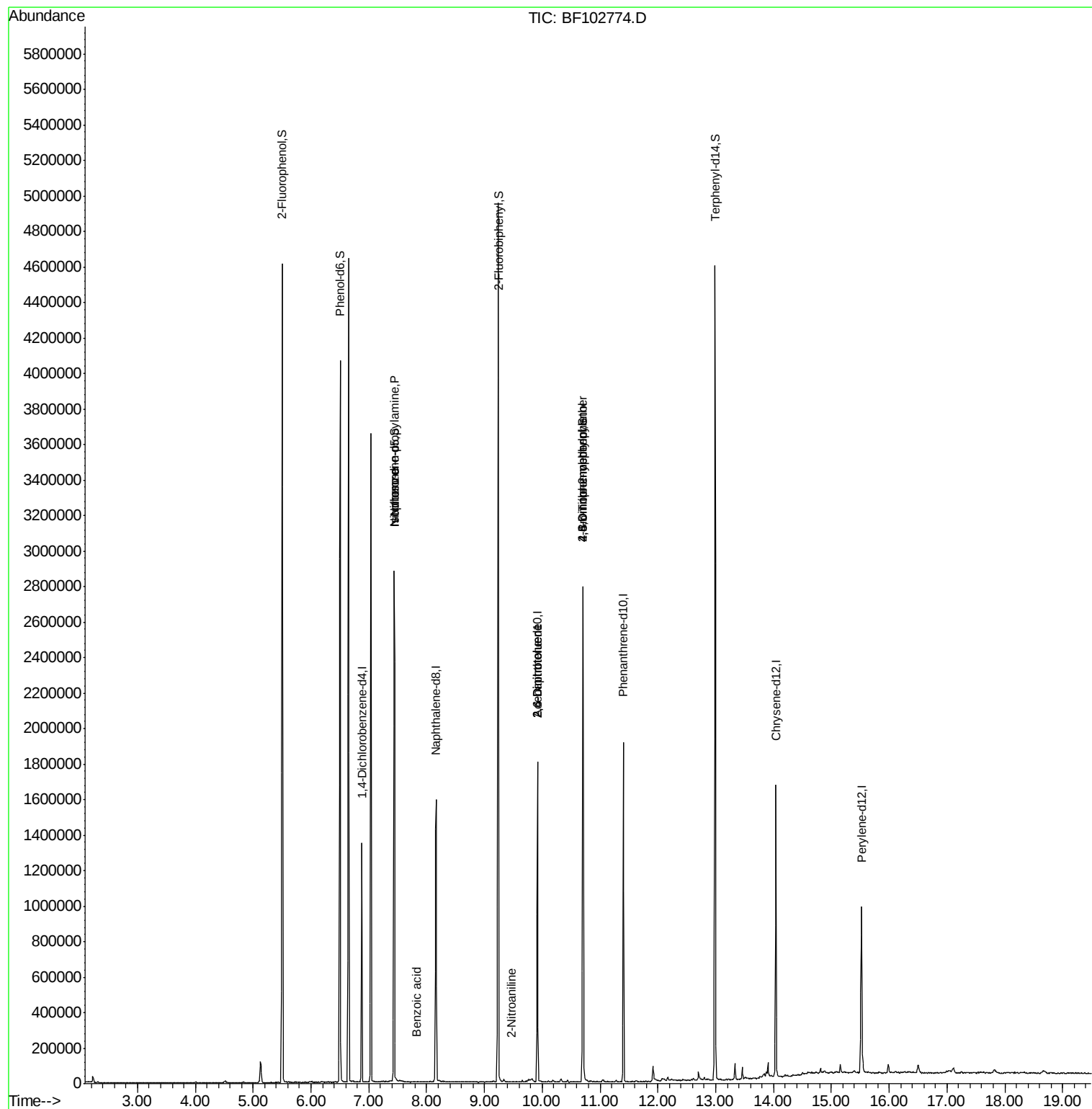
Quant Time: Feb 06 12:29:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

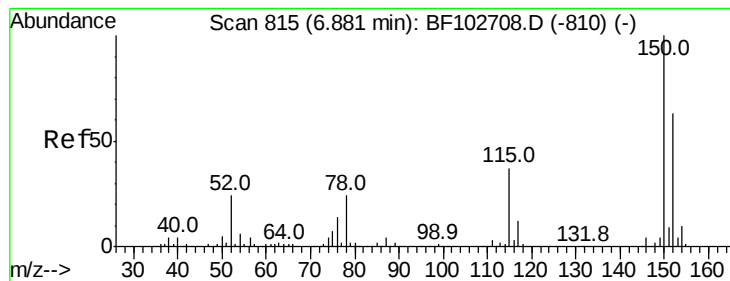
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	182258	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	774308	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	356887	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	643096	20.00	ng	0.00
75) Chrysene-d12	14.04	240	535279	20.00	ng	-0.01
86) Perylene-d12	15.52	264	419013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1367801	113.97	ng	0.01
7) Phenol-d6	6.50	99	1618175	111.98	ng	0.00
23) Nitrobenzene-d5	7.44	82	1027805	92.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	366416	127.56	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1716513	79.81	ng	0.00
78) Terphenyl-d14	12.99	244	1704156	75.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	136722	14.350	ng	# 83
25) Isophorone	7.44	82	1024266	39.852	ng	# 64
32) Benzoic acid	7.83	122	524	8.609	ng	# 79
47) 2-Nitroaniline	9.46	65	124	3.488	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	44721	8.447	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	44721	8.970	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	804	9.070	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	23382	3.437	ng	# 1

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

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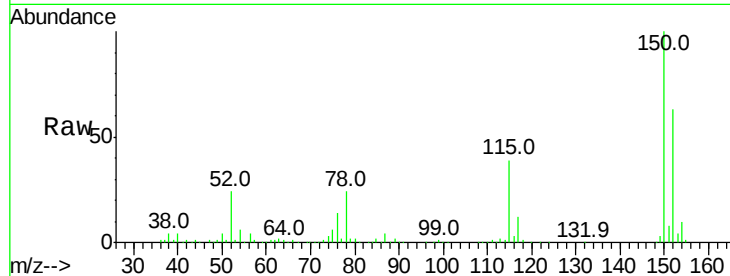




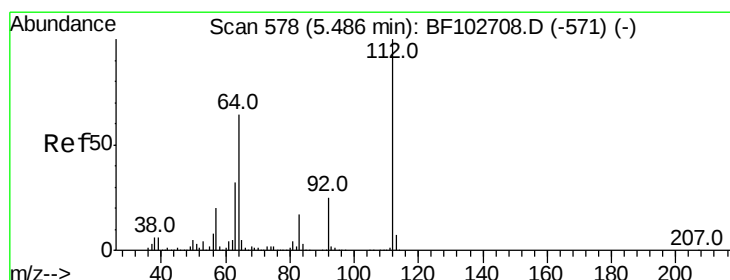
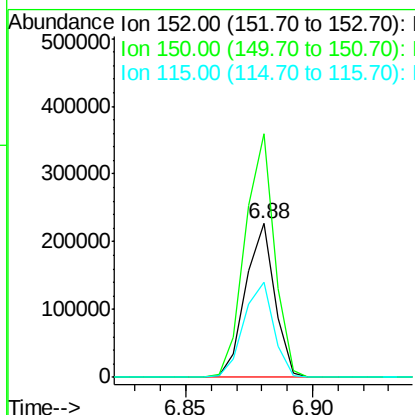
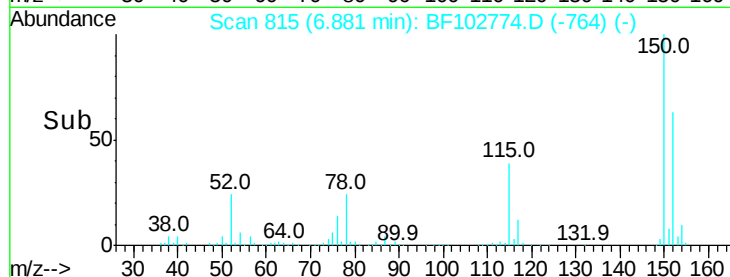
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102774.D
Acq: 6 Feb 2018 10:48

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	62.0	50.1	75.1



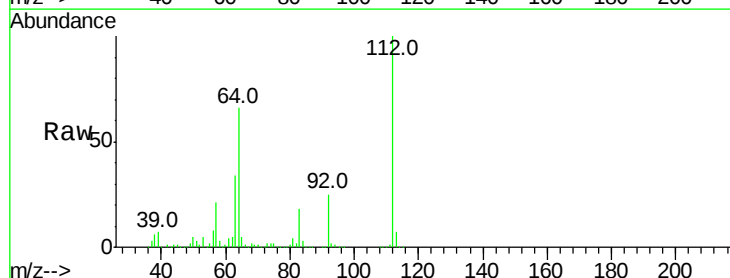
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



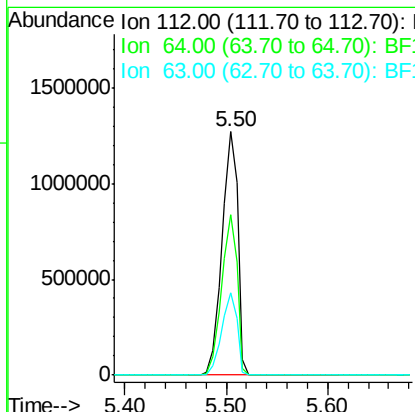
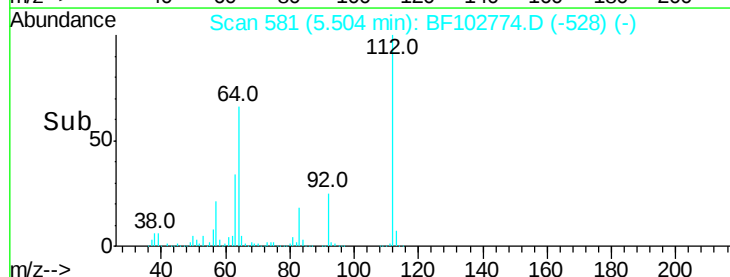
#5

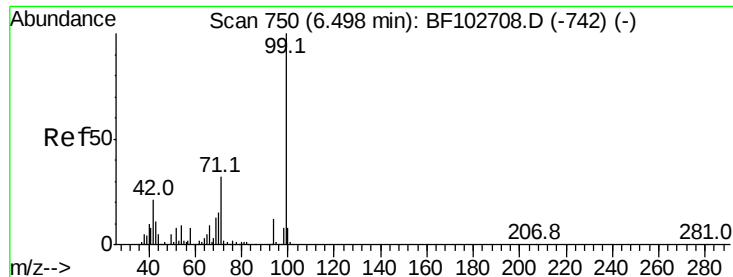
2-Fluorophenol
Concen: 113.972 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102774.D
Acq: 6 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	33.9	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: 111.983 ng

RT: 6.50 min Scan# 751

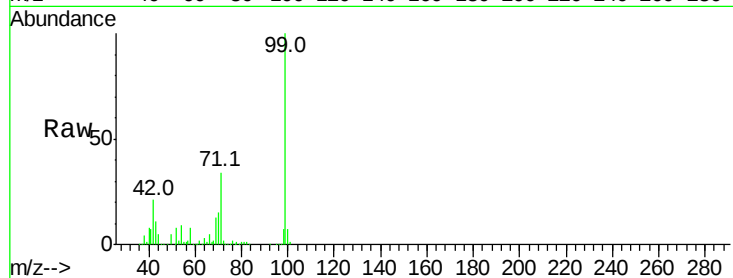
Delta R.T. -0.00 min

Lab File: BF102774.D

Acq: 6 Feb 2018 10:48

Tot Ion: 99 Resp: 1618175

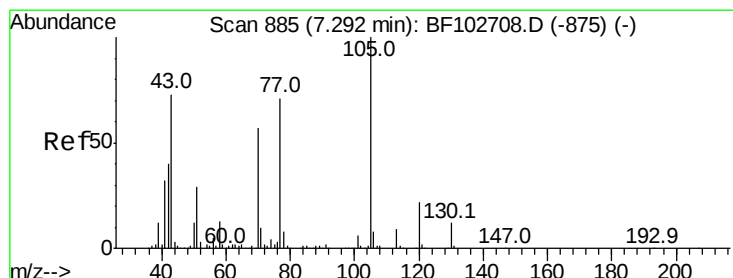
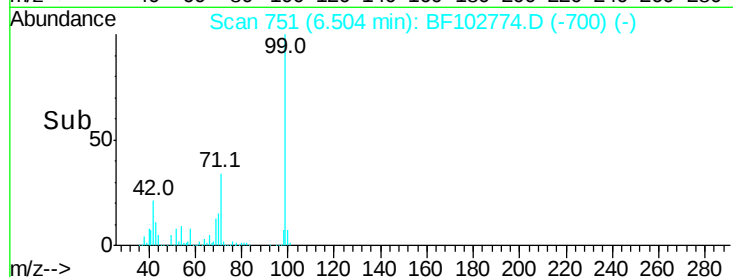
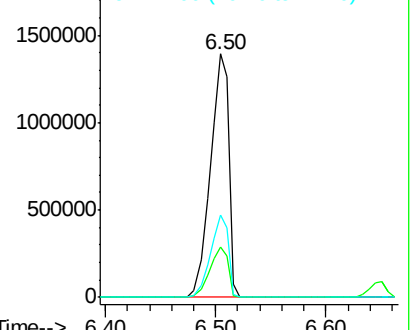
Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	33.8	25.4	38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.350 ng

RT: 7.44 min Scan# 910

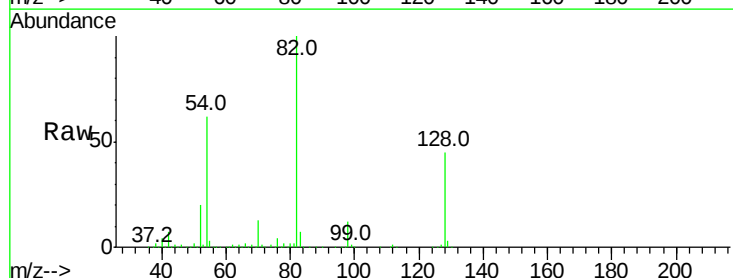
Delta R.T. 0.14 min

Lab File: BF102774.D

Acq: 6 Feb 2018 10:48

Tgt Ion: 70 Resp: 136722

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

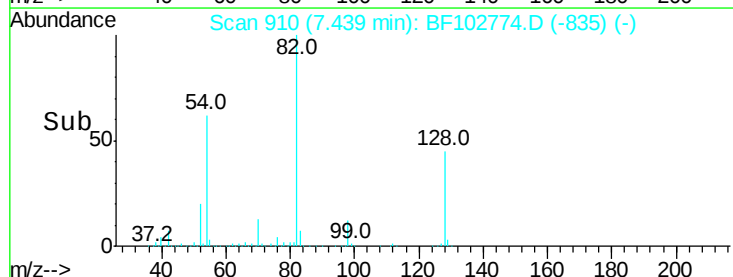
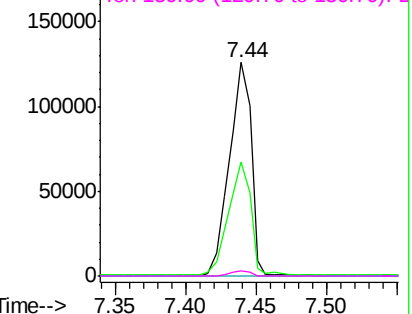


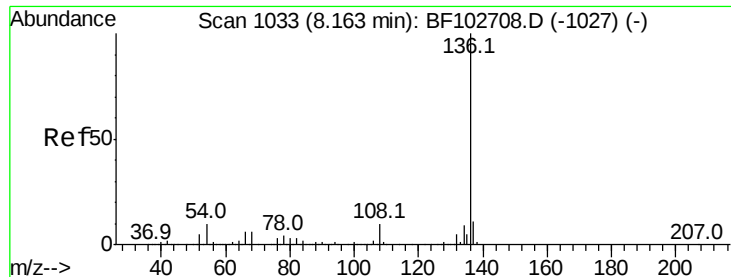
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

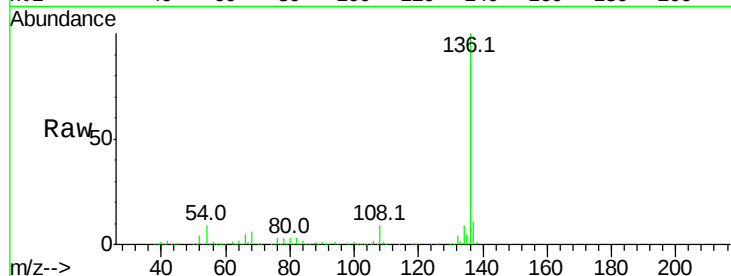
Ion 130.00 (129.70 to 130.70): BF1



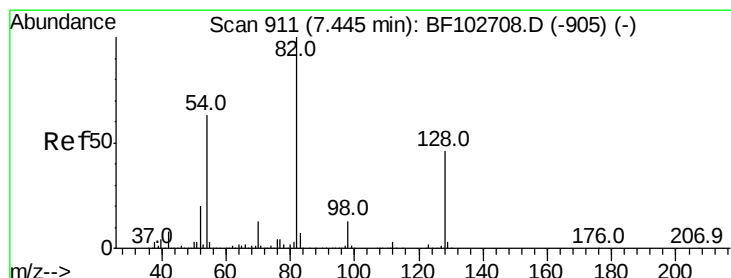
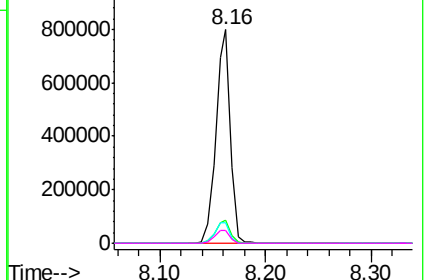
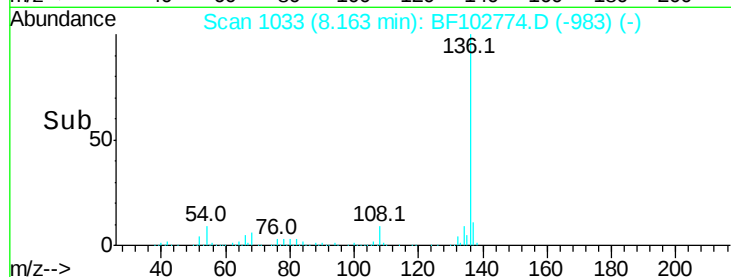


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102774.D
Acq: 6 Feb 2018 10:48

Tot Ion:136	Resp:	774308
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 9.5	6.6	9.8
68 5.8	5.0	7.4

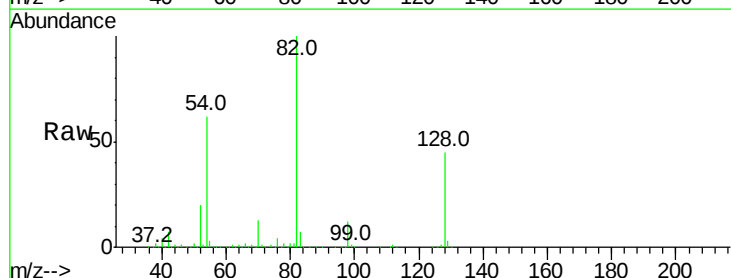


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

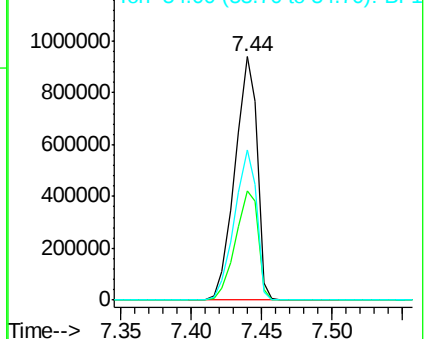
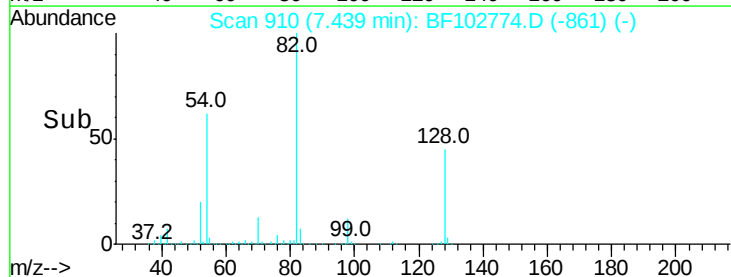


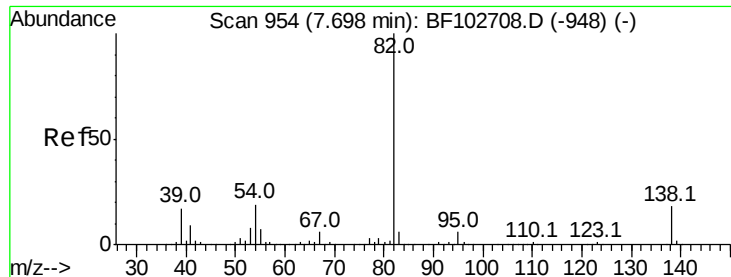
#23
Nitrobenzene-d5
Concen: 92.081 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102774.D
Acq: 6 Feb 2018 10:48

Tgt	Ion: 82	Resp: 1027805	
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	61.9	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: 39.852 ng

RT: 7.44 min Scan# 910

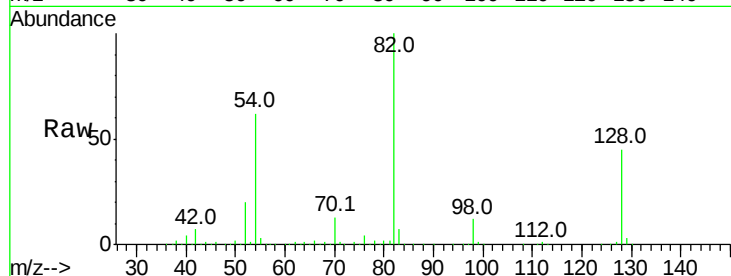
Delta R.T. -0.26 min

Lab File: BF102774.D

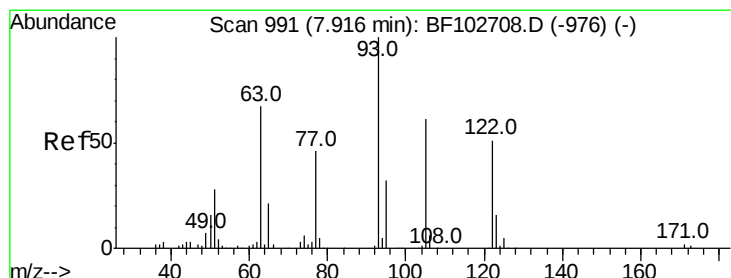
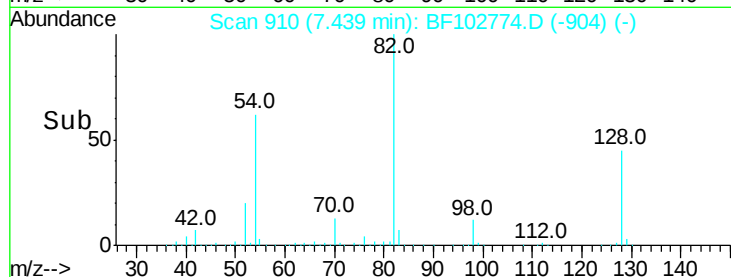
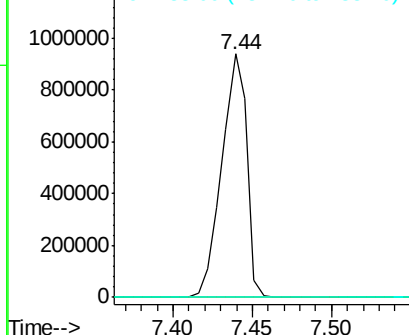
Acq: 6 Feb 2018 10:48

Tot Ion: 82 Resp: 1024266

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



#32

Benzoic acid

Concen: 8.609 ng

RT: 7.83 min Scan# 977

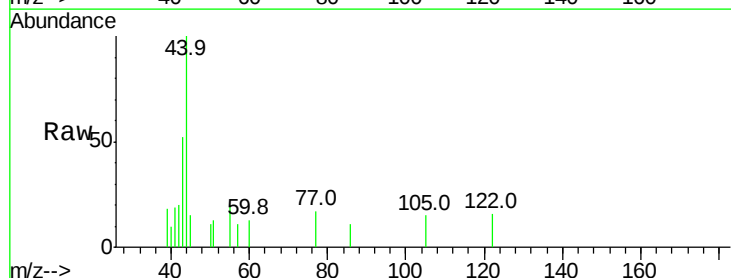
Delta R.T. -0.10 min

Lab File: BF102774.D

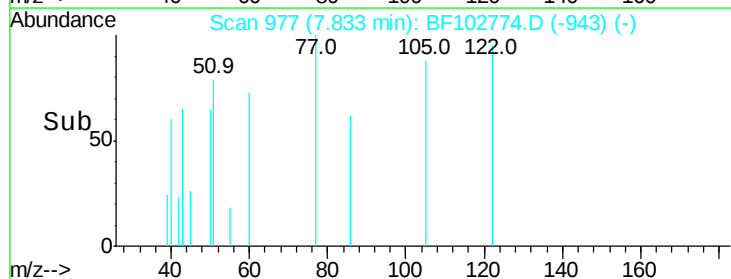
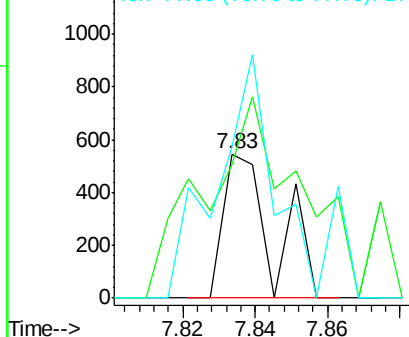
Acq: 6 Feb 2018 10:48

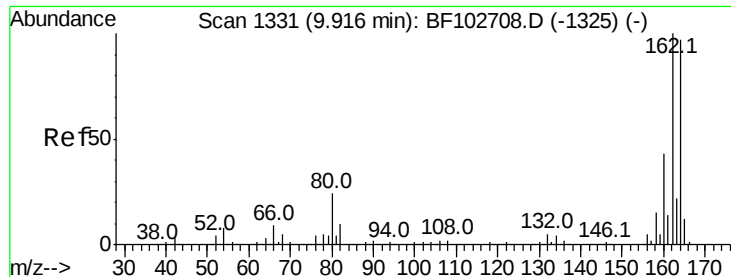
Tgt Ion: 122 Resp: 524

Ion	Ratio	Lower	Upper
122	100		
105	92.7	101.1	141.1#
77	105.0	70.7	110.7



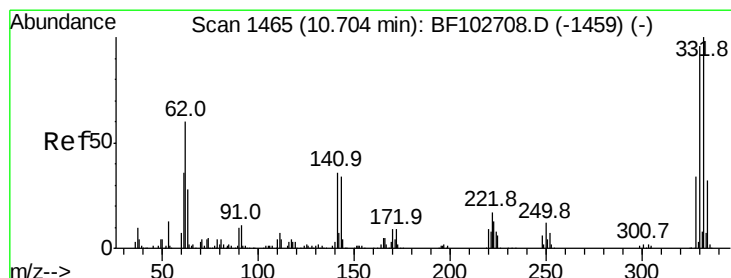
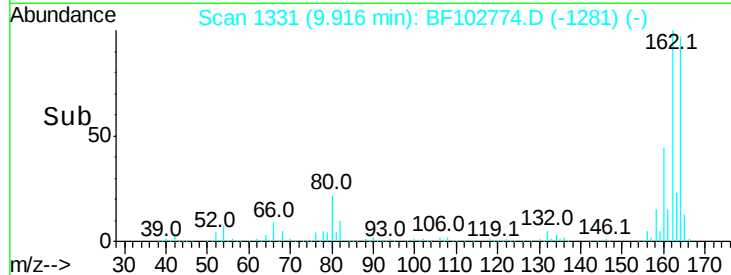
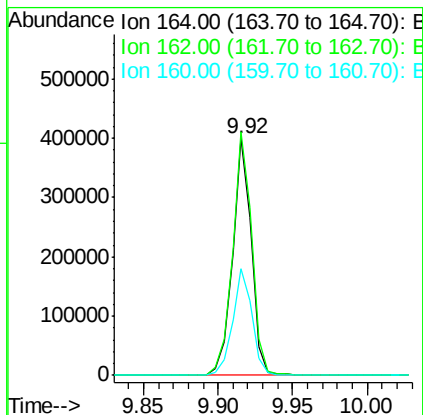
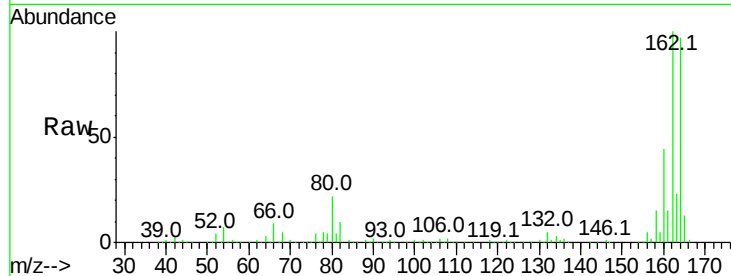
Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





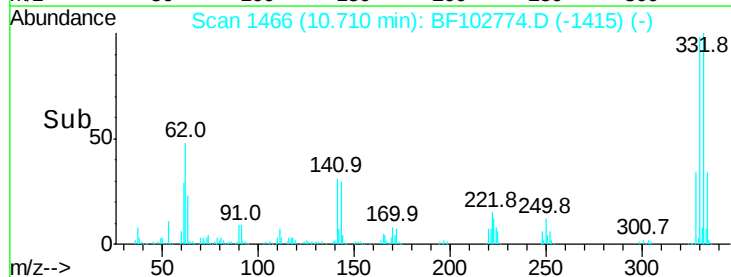
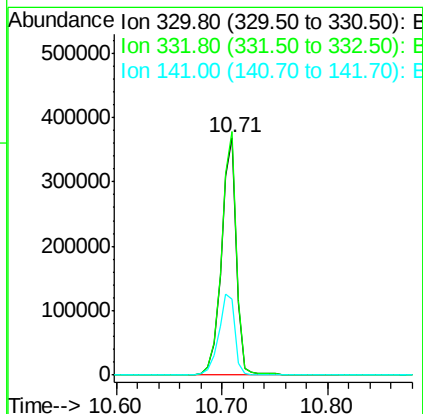
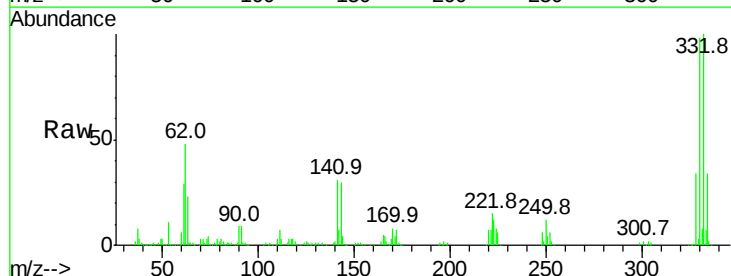
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102774.D
Acq: 6 Feb 2018 10:48

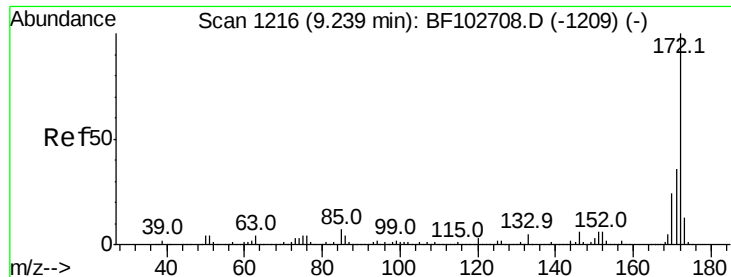
Tot Ion:164 Resp: 356887
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 44.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 127.559 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102774.D
Acq: 6 Feb 2018 10:48

Tgt Ion:330 Resp: 366416
Ion Ratio Lower Upper
330 100
332 102.3 77.0 115.6
141 37.5 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 79.810 ng

RT: 9.24 min Scan# 1216

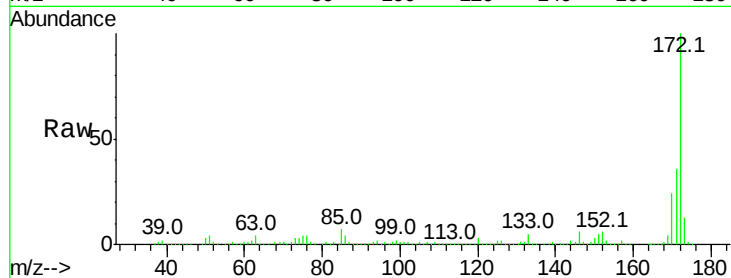
Delta R.T. -0.01 min

Lab File: BF102774.D

Acq: 6 Feb 2018 10:48

Tot Ion:172 Resp: 1716513

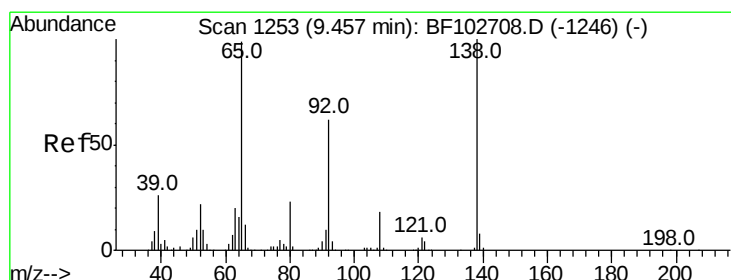
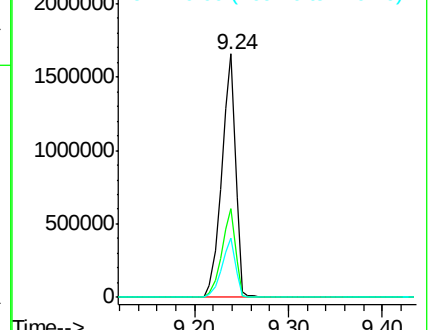
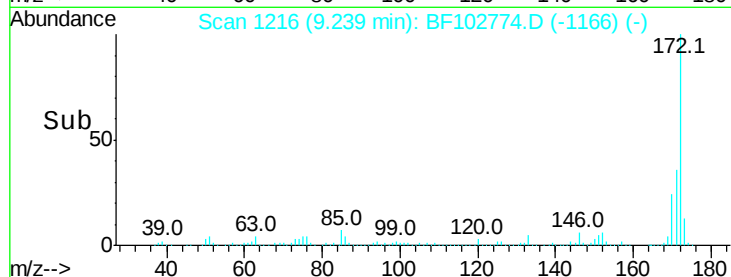
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



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



#47

2-Nitroaniline

Concen: 3.488 ng

RT: 9.46 min Scan# 1253

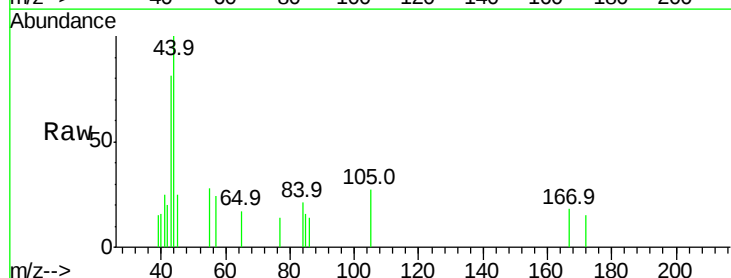
Delta R.T. -0.01 min

Lab File: BF102774.D

Acq: 6 Feb 2018 10:48

Tgt Ion: 65 Resp: 124

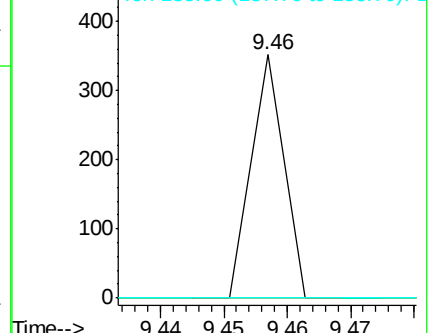
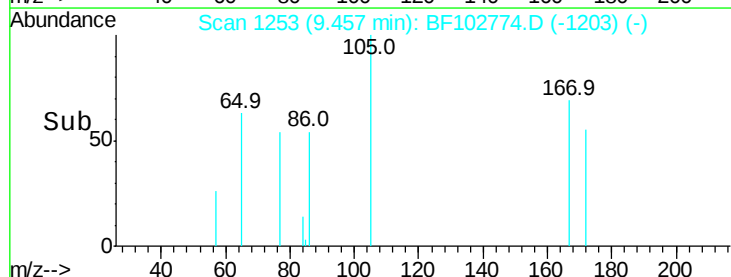
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

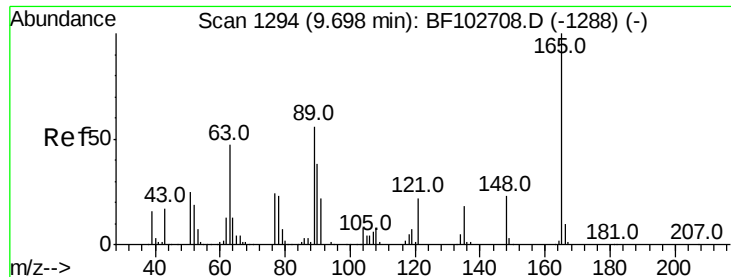


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

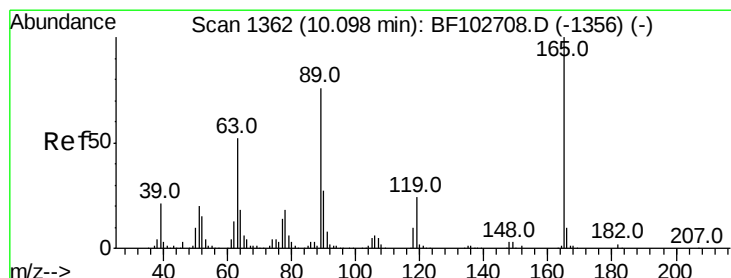
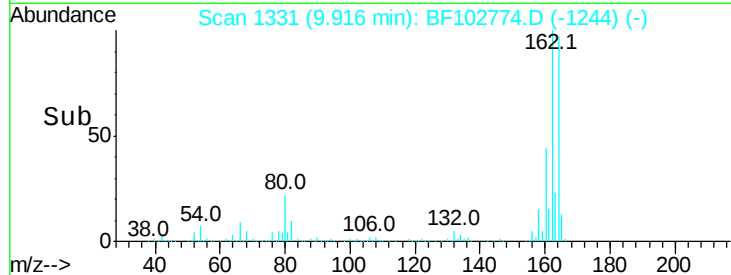
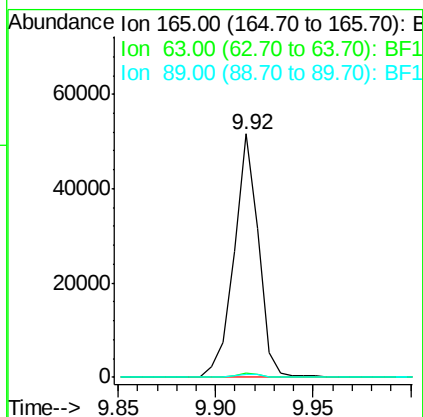
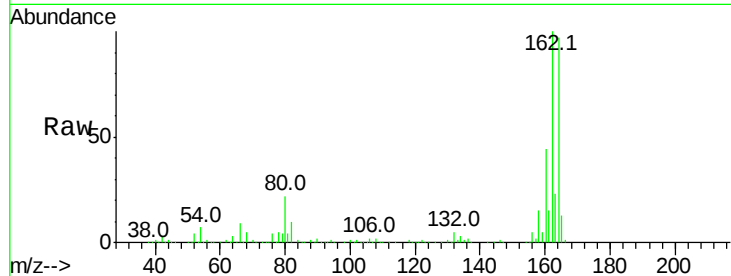
Ion 138.00 (137.70 to 138.70): E





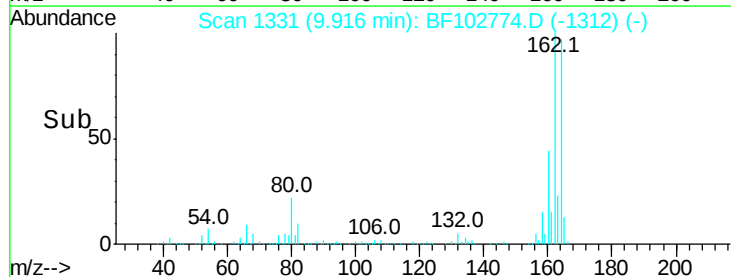
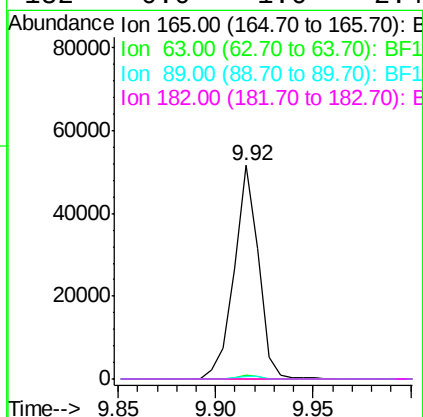
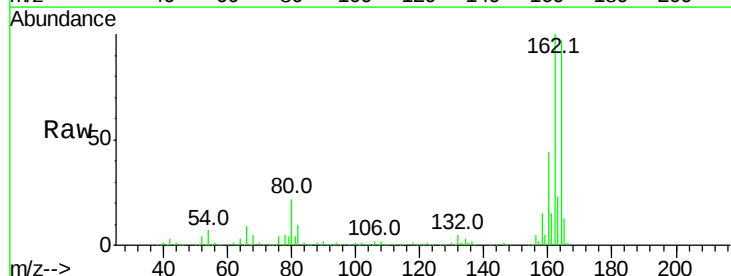
#50
2,6-Dinitrotoluene
Concen: 8.447 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF102774.D
Acq: 6 Feb 2018 10:48

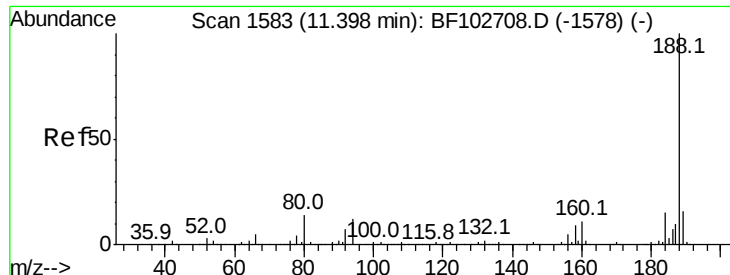
Tot Ion:165 Resp: 44721
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.5 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 8.970 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF102774.D
Acq: 6 Feb 2018 10:48

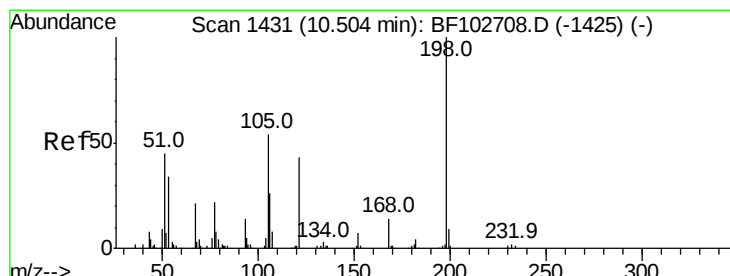
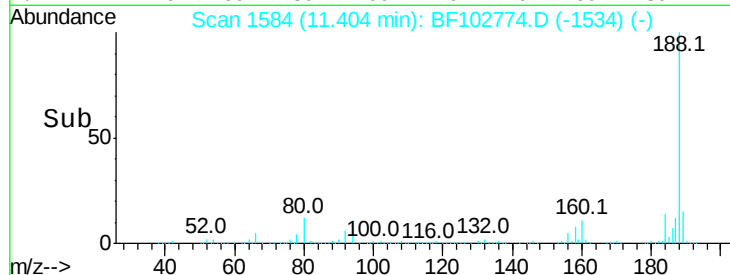
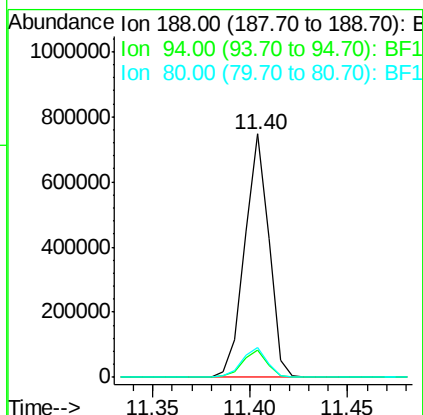
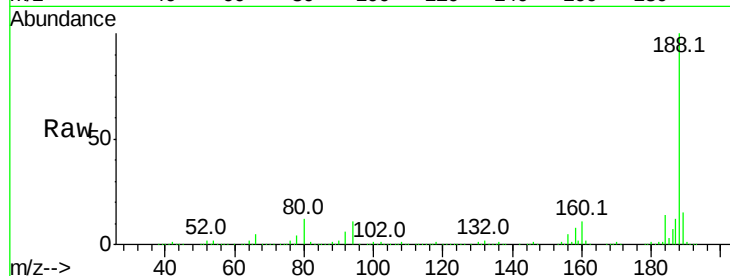
Tgt Ion:165 Resp: 44721
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#





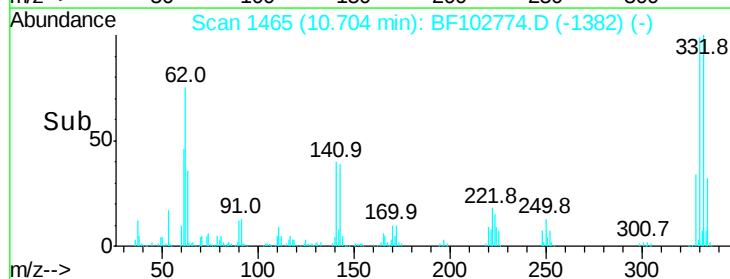
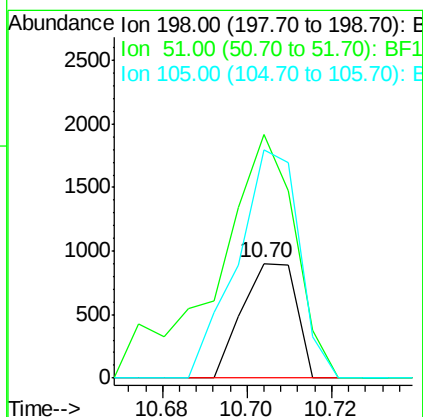
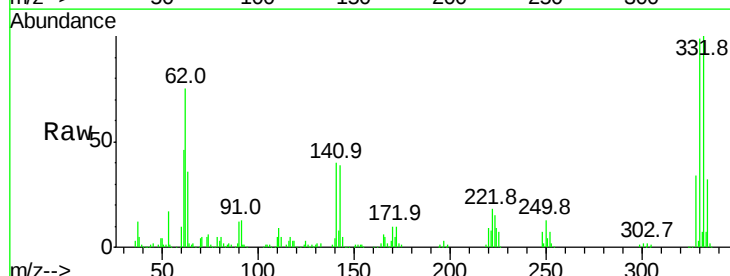
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102774.D
 Acq: 6 Feb 2018 10:48

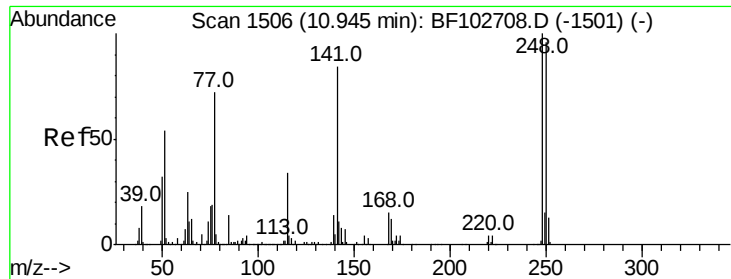
Tot Ion:	188	Resp:	643096
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.0	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.070 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF102774.D
 Acq: 6 Feb 2018 10:48

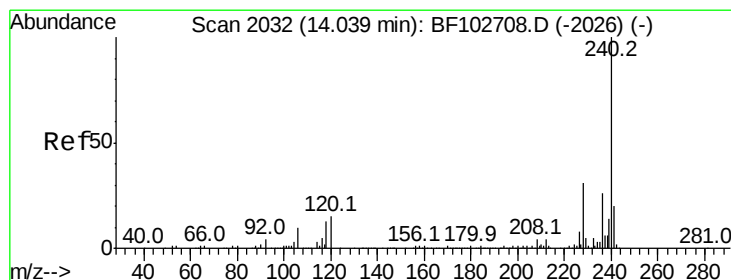
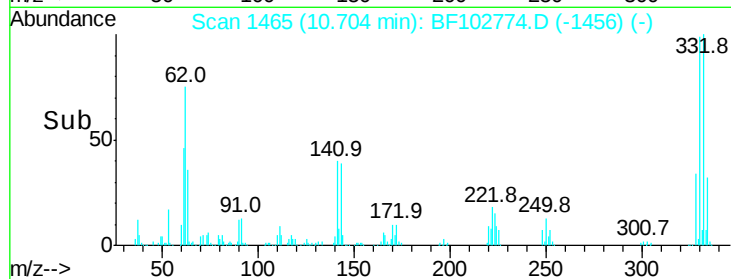
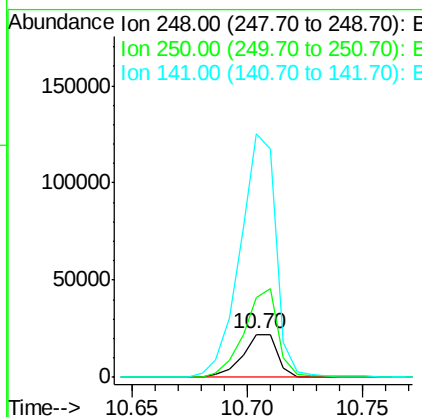
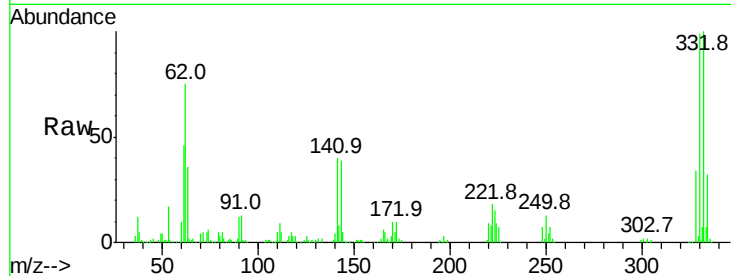
Tgt Ion:	198	Resp:	804
Ion	Ratio	Lower	Upper
198	100		
51	212.3	37.7	77.7#
105	198.7	36.3	76.3#





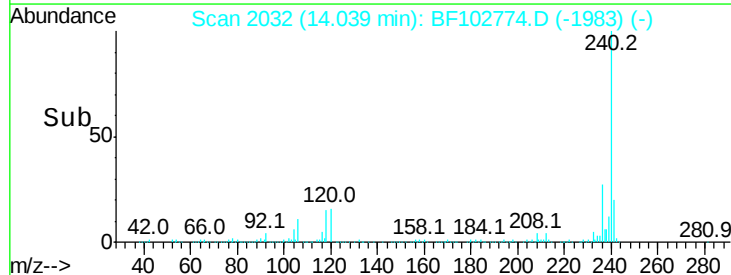
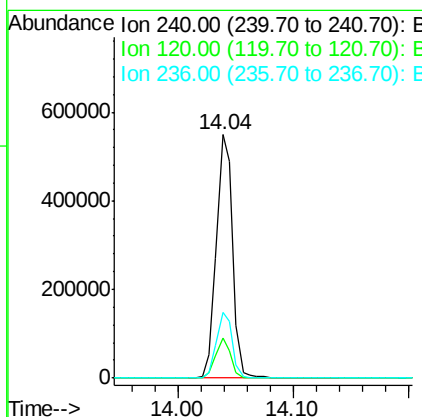
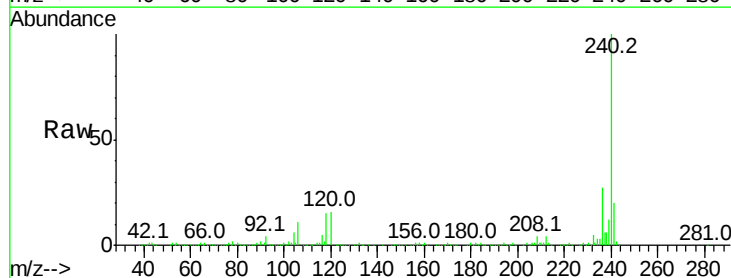
#66
 4-Bromophenyl-phenylether
 Concen: 3.437 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF102774.D
 Acq: 6 Feb 2018 10:48

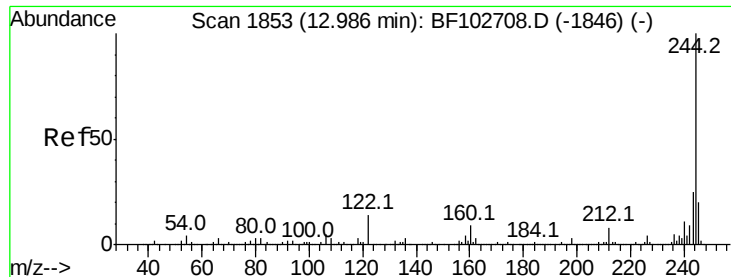
Tot Ion:248 Resp: 23382
 Ion Ratio Lower Upper
 248 100
 250 186.5 76.9 115.3#
 141 566.9 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF102774.D
 Acq: 6 Feb 2018 10:48

Tgt Ion:240 Resp: 535279
 Ion Ratio Lower Upper
 240 100
 120 16.3 9.5 14.3#
 236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 75.382 ng

RT: 12.99 min Scan# 1854

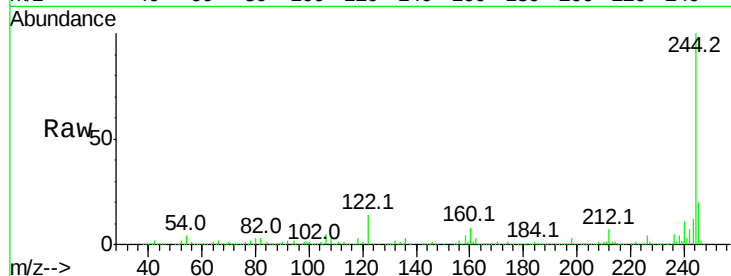
Delta R.T. -0.01 min

Lab File: BF102774.D

Acq: 6 Feb 2018 10:48

Tot Ion:244 Resp: 1704156

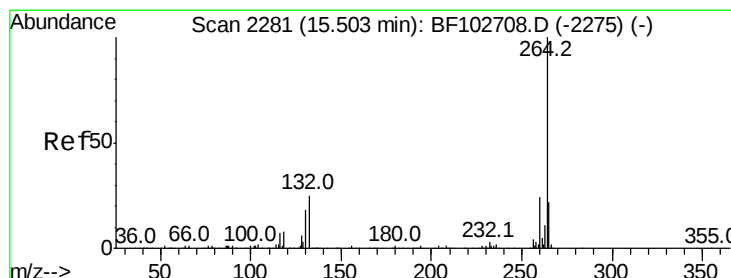
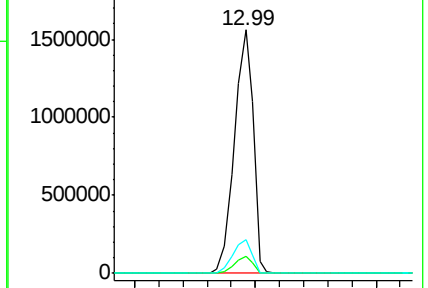
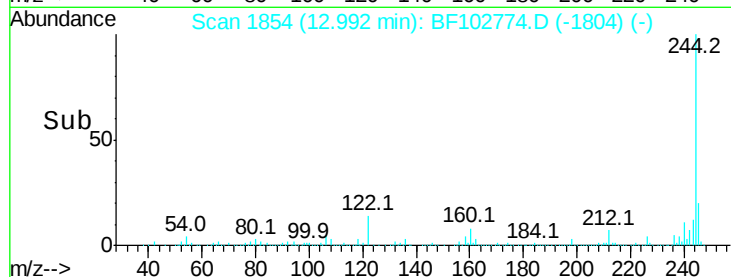
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.1	11.0	16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

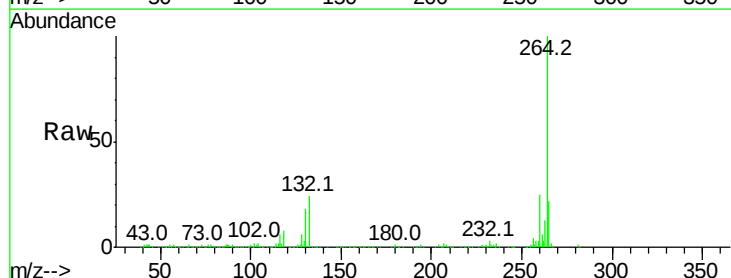
Delta R.T. -0.01 min

Lab File: BF102774.D

Acq: 6 Feb 2018 10:48

Tgt Ion:264 Resp: 419013

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.6	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

