

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102791.D
 Acq On : 6 Feb 2018 18:29
 Operator : SJ/JU
 Sample : J1460-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 07 00:18:28 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	205821	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	809830	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	325629	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	443711	20.00	ng	0.00
75) Chrysene-d12	14.04	240	366801	20.00	ng	0.00
86) Perylene-d12	15.53	264	335362	20.00	ng	0.00

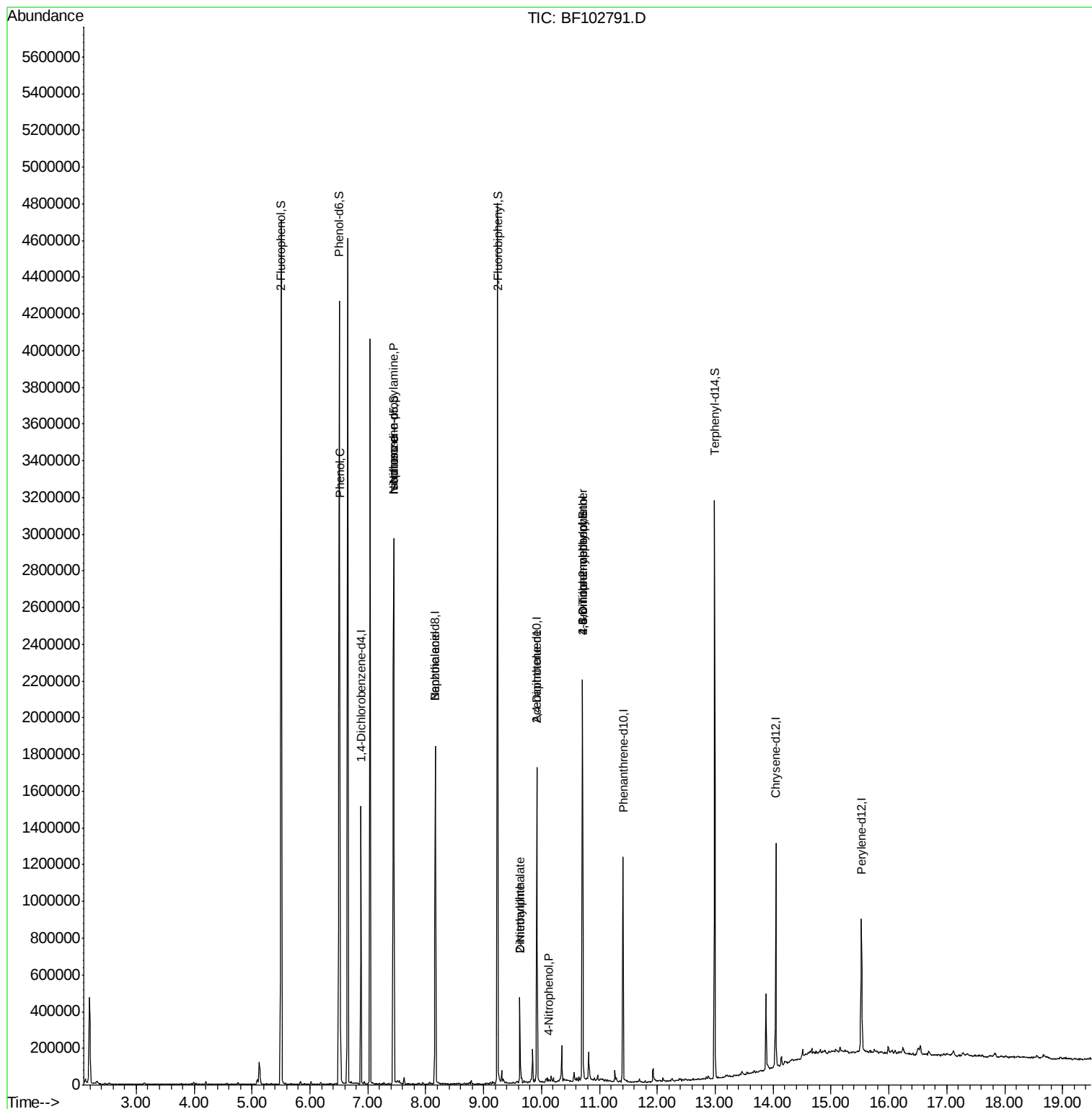
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1413244	104.28	ng	0.01
7) Phenol-d6	6.51	99	1667560	102.19	ng	0.00
23) Nitrobenzene-d5	7.45	82	945624	81.00	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	241473	92.13	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1557198	79.35	ng	0.00
78) Terphenyl-d14	12.99	244	1003672	64.79	ng	0.00

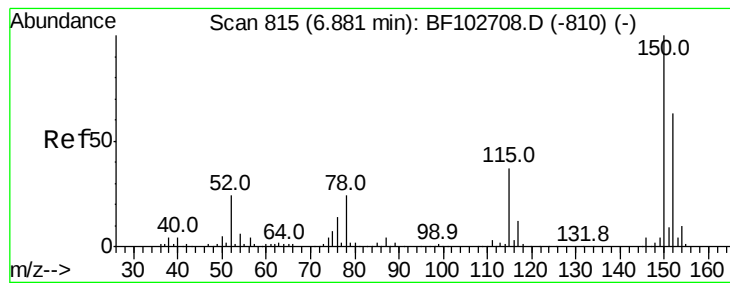
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	43338	2.478	ng	96
19) n-Nitroso-di-n-propylamine	7.45	70	126314	11.740	ng	# 84
25) Isophorone	7.45	82	945604	35.177	ng	# 64
32) Benzoic acid	8.16	122	120	8.557	ng	# 1
47) 2-Nitroaniline	9.63	65	1766	3.718	ng	# 1
49) Dimethylphthalate	9.63	163	178734	7.040	ng	99
55) 4-Nitrophenol	10.12	139	131	4.049	ng	# 9
56) 2,4-Dinitrotoluene	9.92	165	42318	9.189	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	611	9.098	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	15084	3.214	ng	# 1

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

```
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Misc      :  
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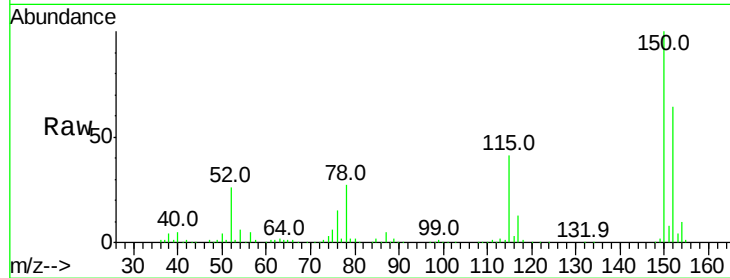




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	63.6	50.1	75.1

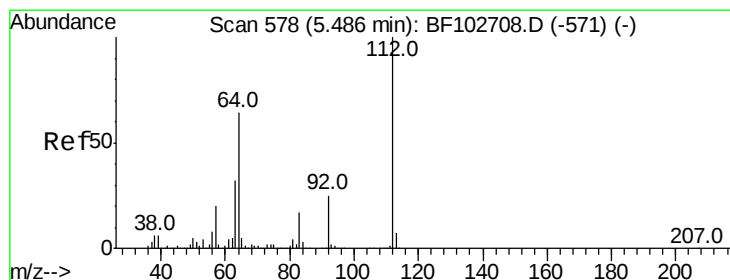
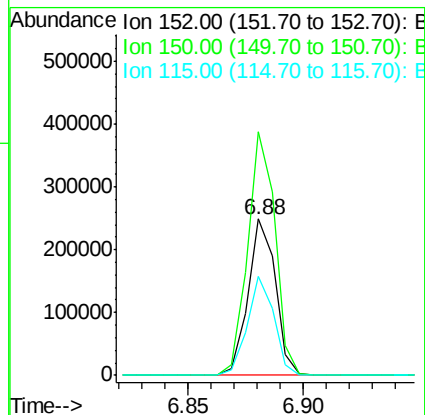
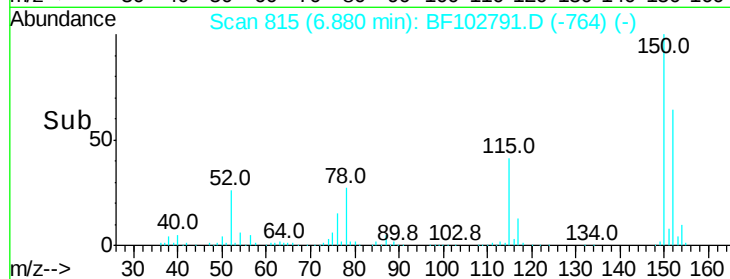


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

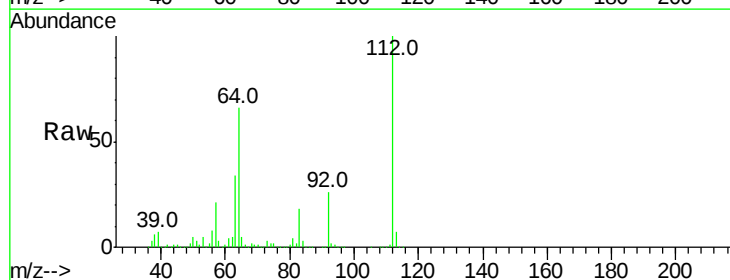
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.277 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.7	23.7	35.5

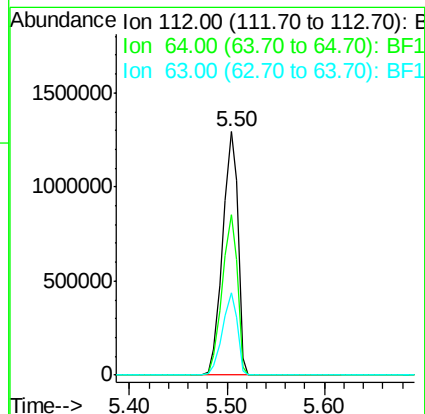
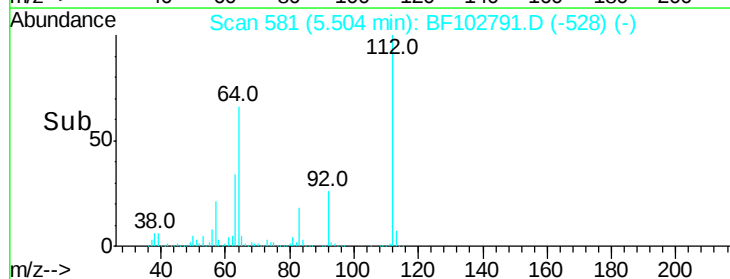


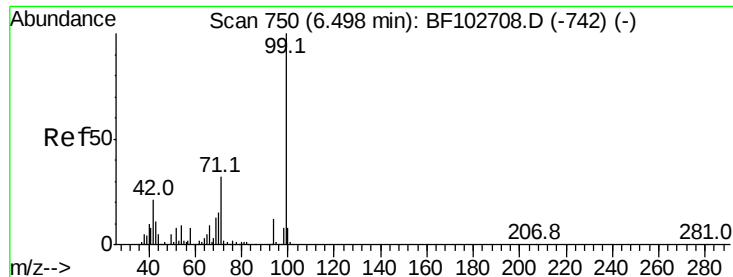
Abundance

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: 102.189 ng

RT: 6.51 min Scan# 752

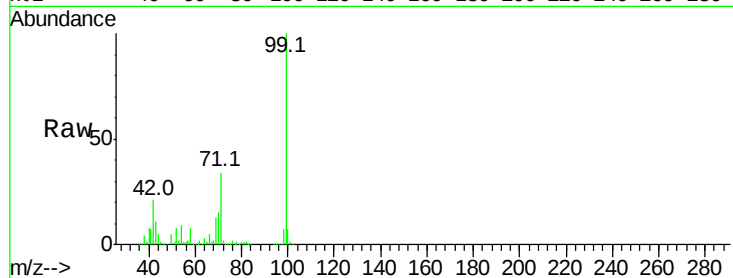
Delta R.T. 0.01 min

Lab File: BF102791.D

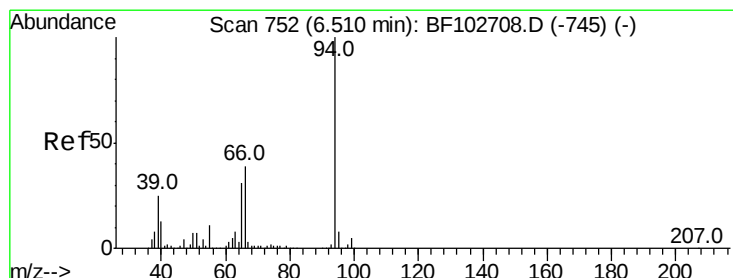
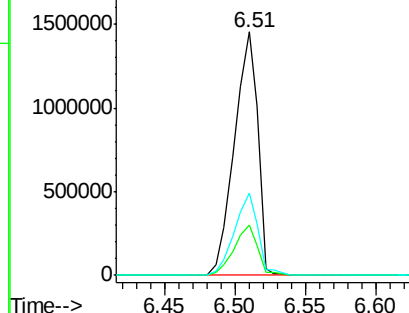
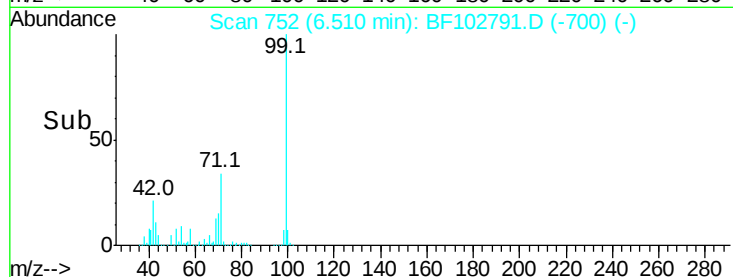
Acq: 6 Feb 2018 18:29

Tot Ion: 99 Resp: 1667560

Ion	Ratio	Lower	Upper
99	100		
42	20.8	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



#10

Phenol

Concen: 2.478 ng

RT: 6.52 min Scan# 754

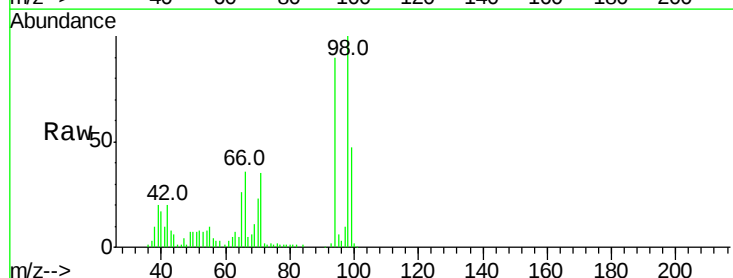
Delta R.T. -0.00 min

Lab File: BF102791.D

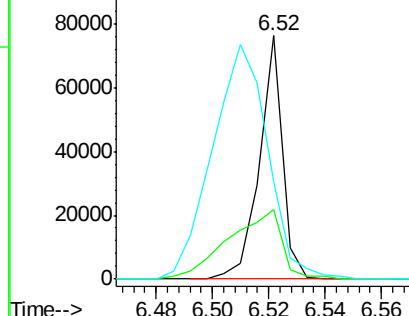
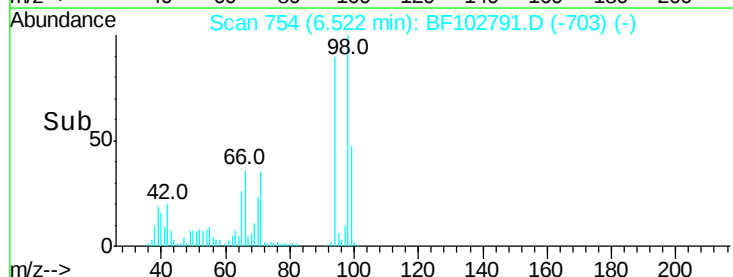
Acq: 6 Feb 2018 18:29

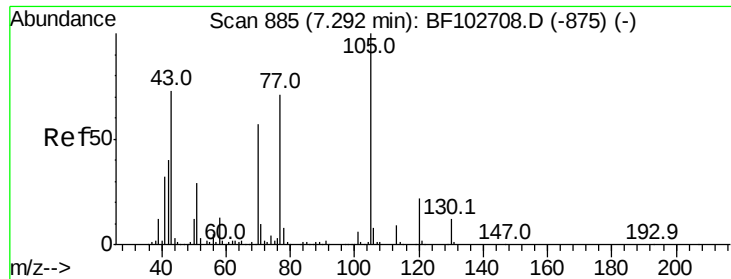
Tgt Ion: 94 Resp: 43338

Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.9	47.9
66	40.1	16.2	56.2



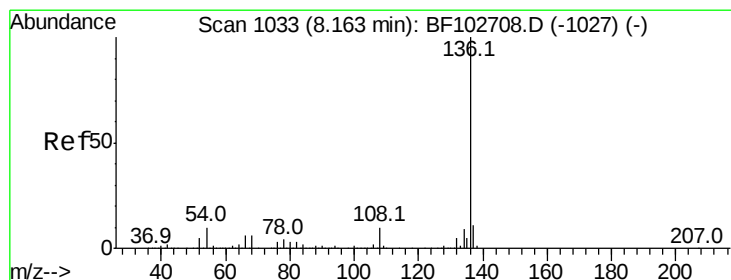
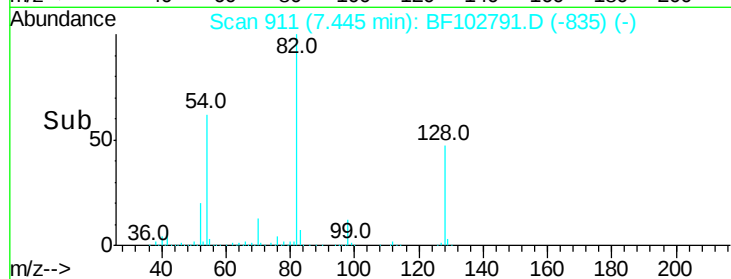
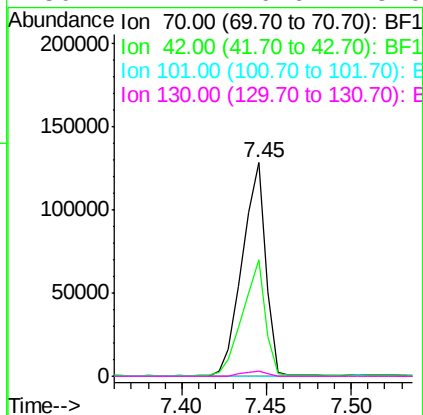
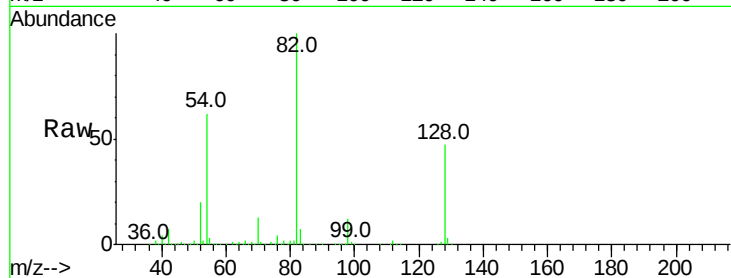
Abundance Ion 94.00 (93.70 to 94.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1





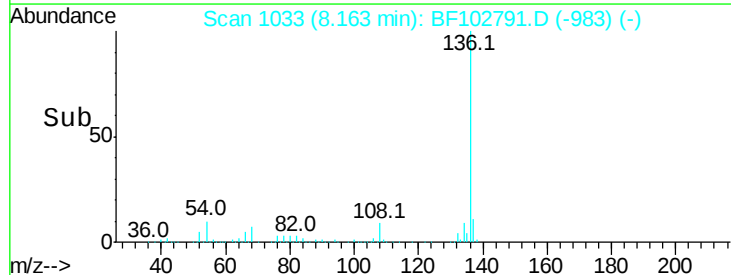
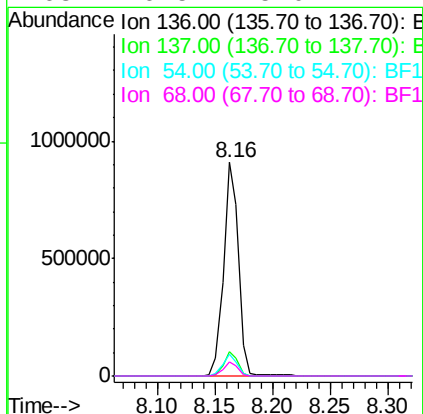
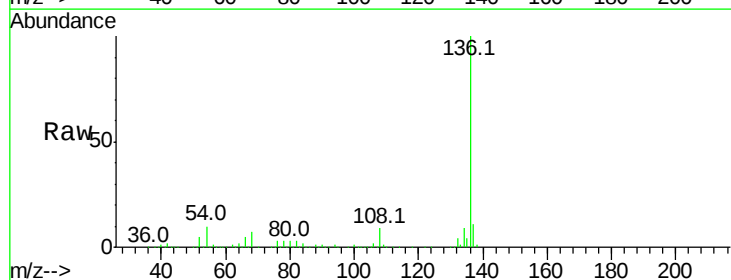
#19
n-Nitroso-di-n-propylamine
Concen: 11.740 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

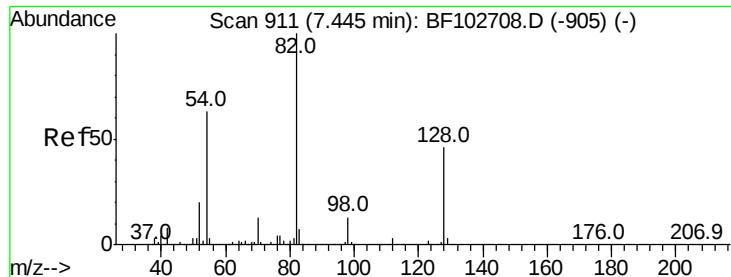
Tot Ion: 70 Resp: 126314
Ion Ratio Lower Upper
70 100
42 54.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

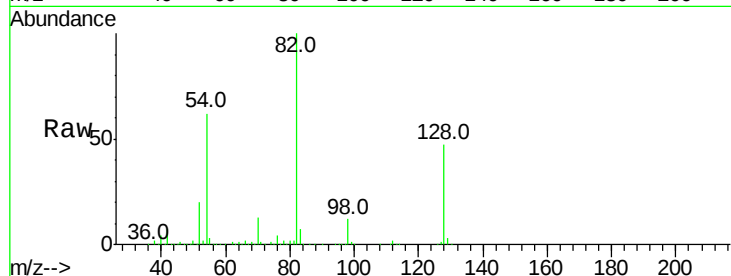
Tgt Ion:136 Resp: 809830
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.3 6.6 9.8#
68 6.5 5.0 7.4



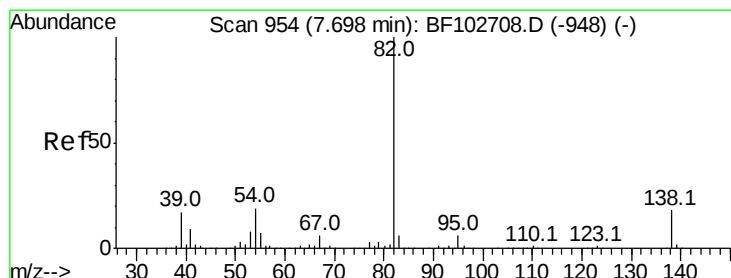
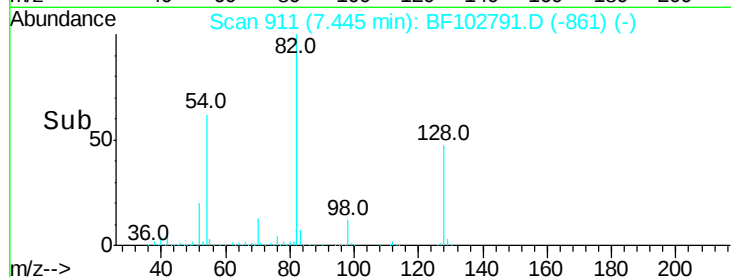
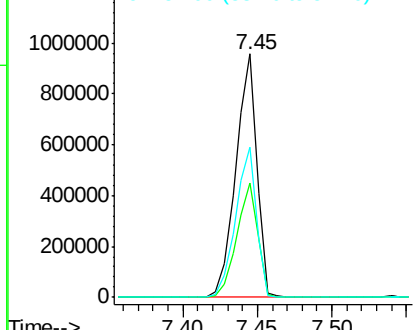


#23
 Nitrobenzene-d5
 Concen: 81.003 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102791.D
 Acq: 6 Feb 2018 18:29

Tot Ion: 82 Resp: 945624
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 61.9 41.4 62.2

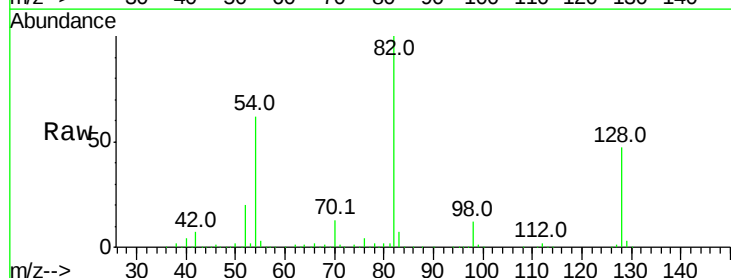


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

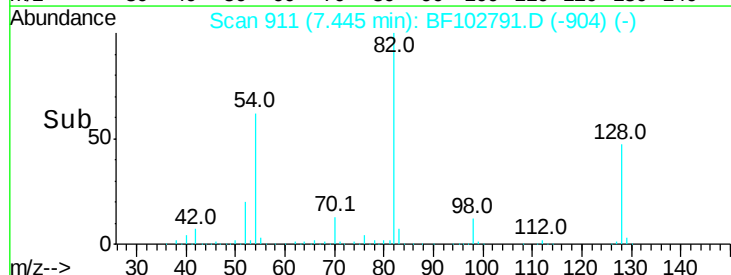
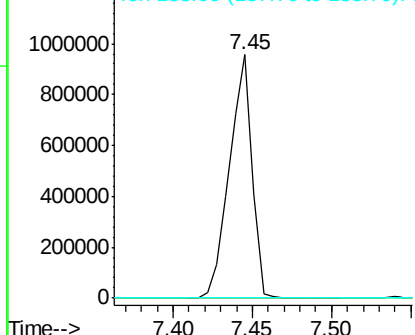


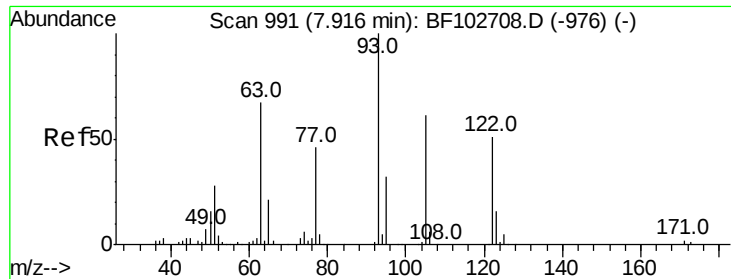
#25
 Isophorone
 Concen: 35.177 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF102791.D
 Acq: 6 Feb 2018 18:29

Tgt Ion: 82 Resp: 945604
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



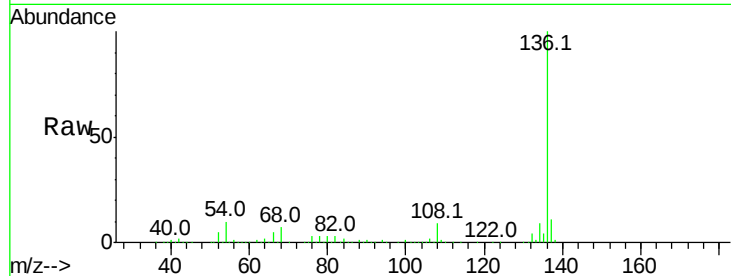
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1



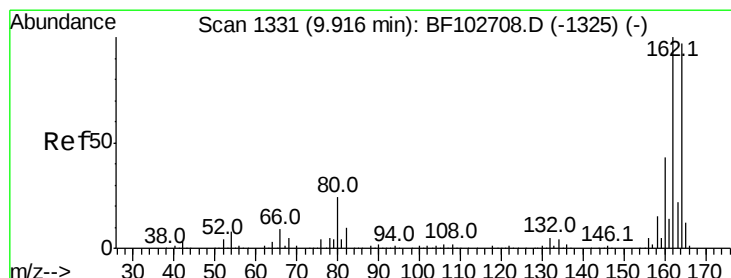
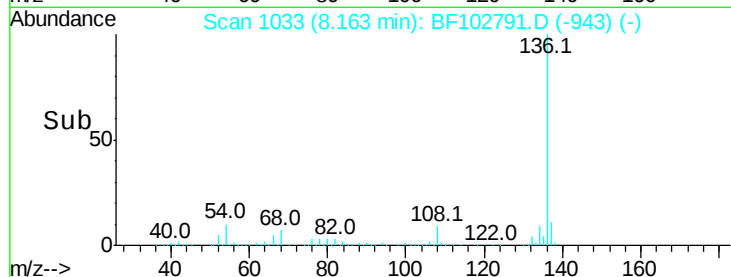
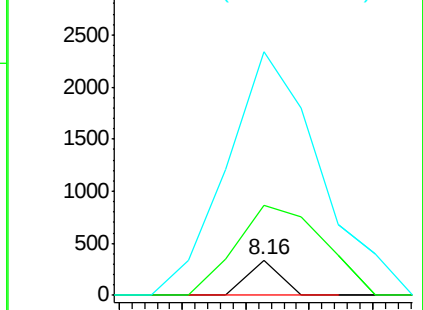


#32
Benzoic acid
Concen: 8.557 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.23 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tot Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 254.6 101.1 141.1#
77 689.4 70.7 110.7#

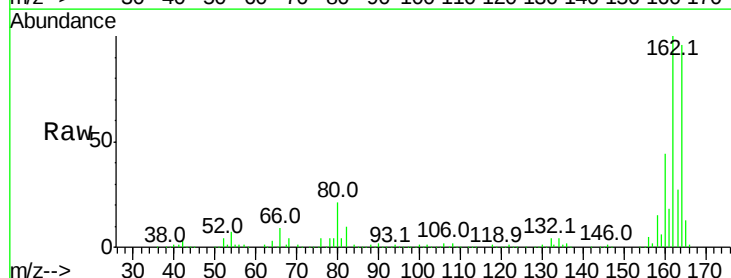


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

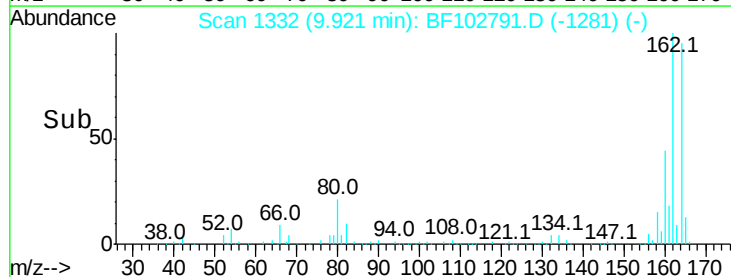
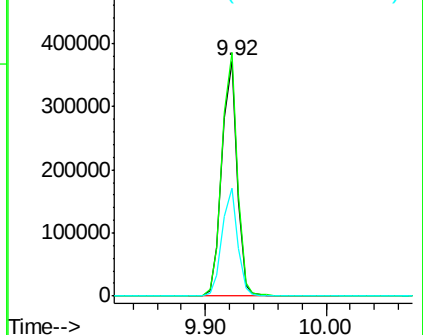


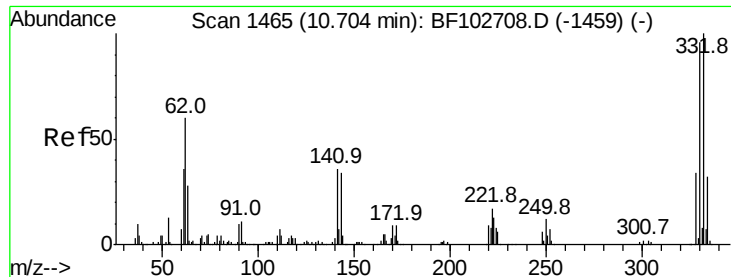
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tgt Ion:164 Resp: 325629
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.9 38.3 57.5



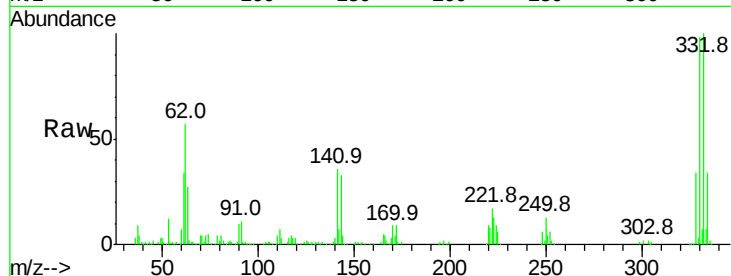
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



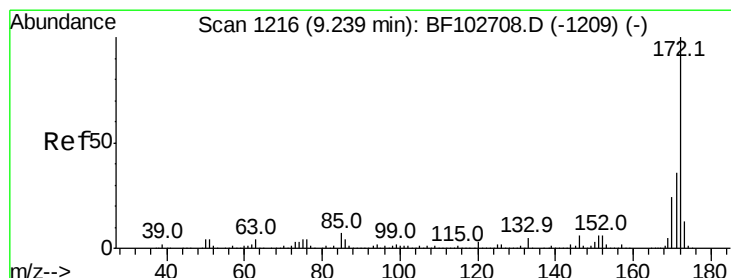
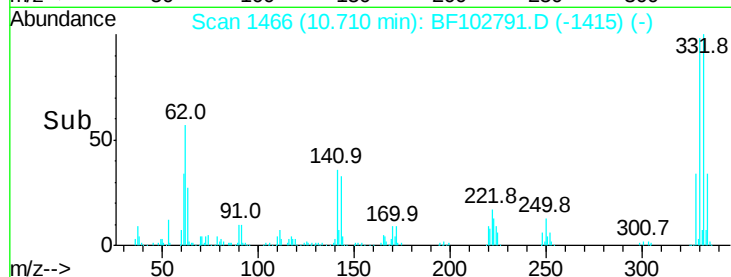
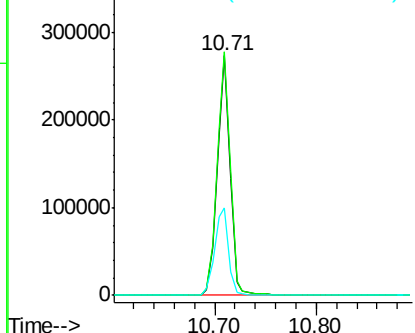


#41
 2,4,6-Tribromophenol
 Concen: 92.132 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102791.D
 Acq: 6 Feb 2018 18:29

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.1	77.0	115.6
141	39.3	29.9	44.9

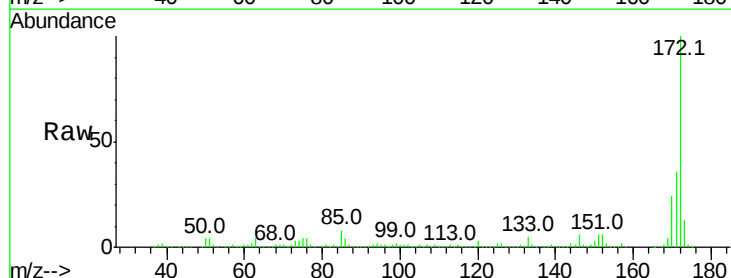


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

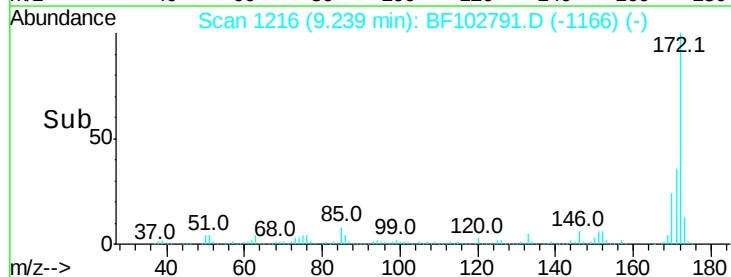
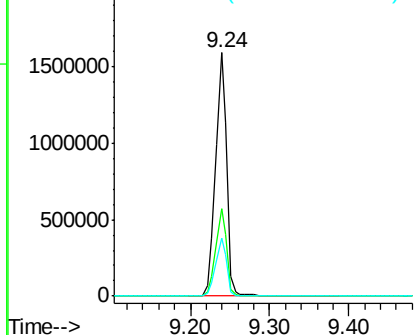


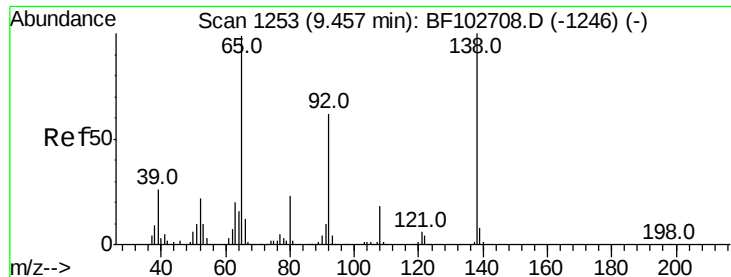
#44
 2-Fluorobiphenyl
 Concen: 79.352 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102791.D
 Acq: 6 Feb 2018 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	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: 3.718 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.16 min

Lab File: BF102791.D

Acq: 6 Feb 2018 18:29

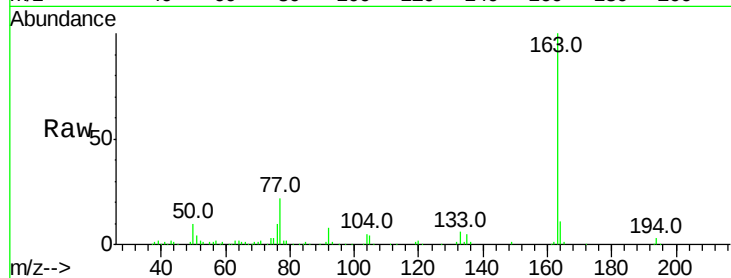
Tot Ion: 65 Resp: 1766

Ion Ratio Lower Upper

65 100

92 994.1 55.8 83.6#

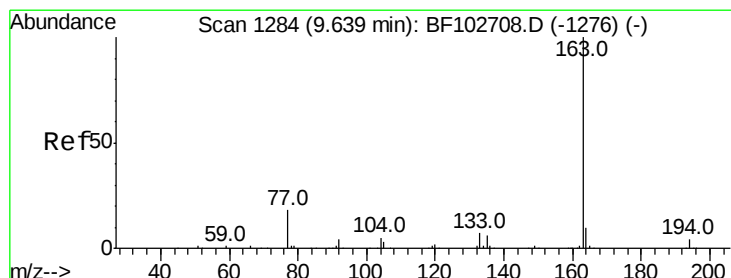
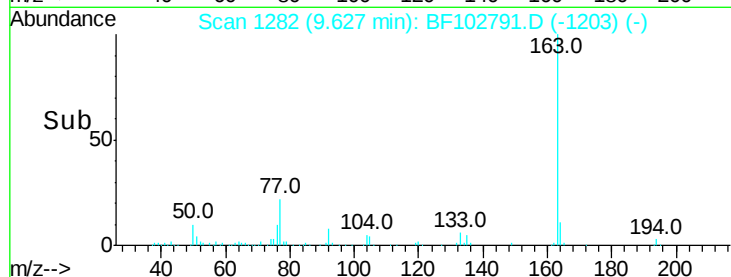
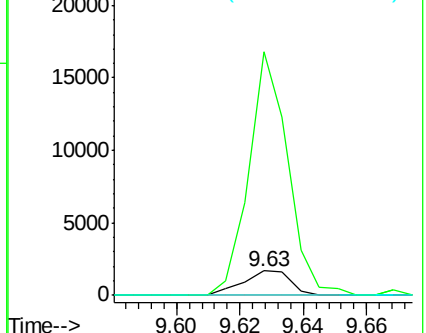
138 0.0 91.2 136.8#



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): BF1



#49

Dimethylphthalate

Concen: 7.040 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102791.D

Acq: 6 Feb 2018 18:29

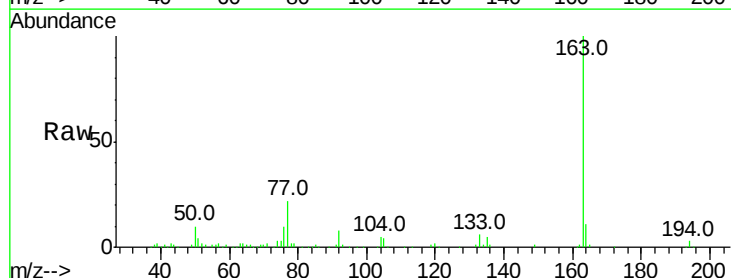
Tgt Ion: 163 Resp: 178734

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

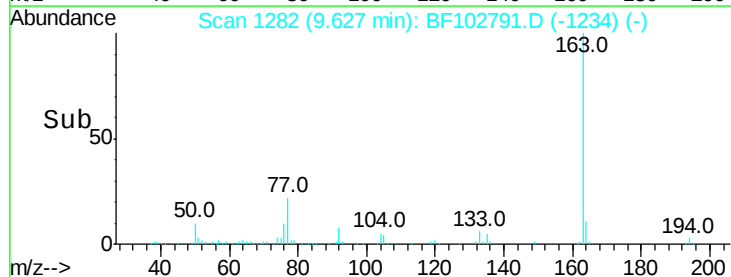
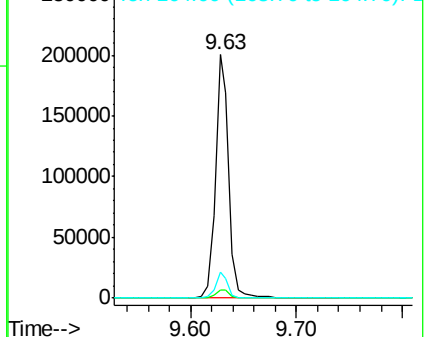
164 10.7 8.2 12.2

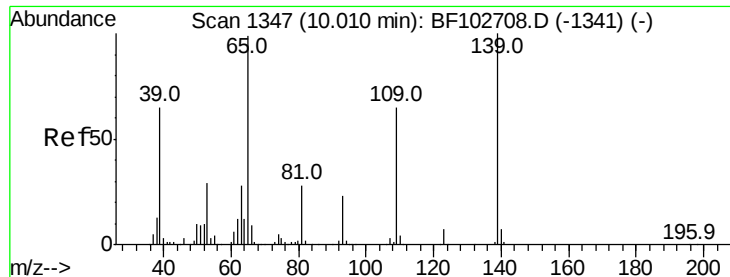


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

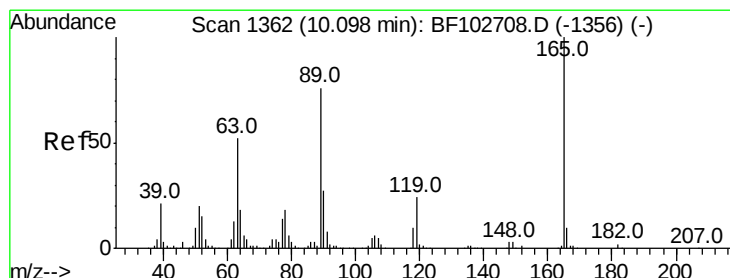
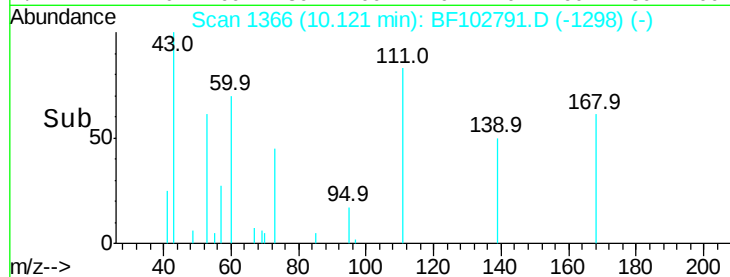
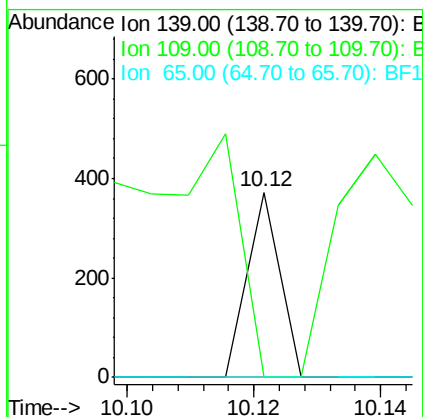
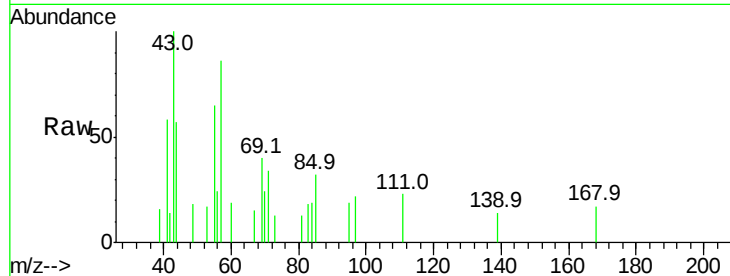
Ion 164.00 (163.70 to 164.70): E





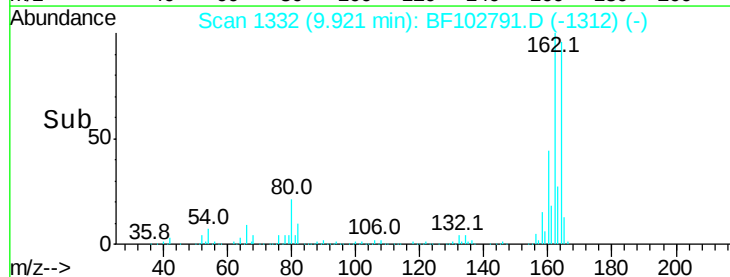
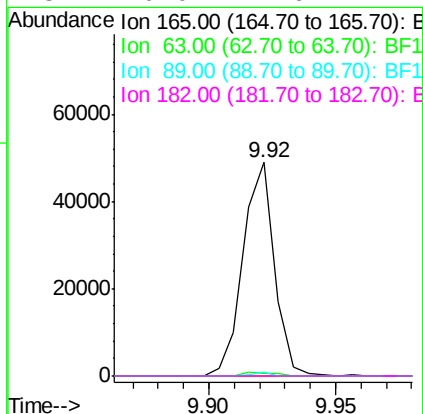
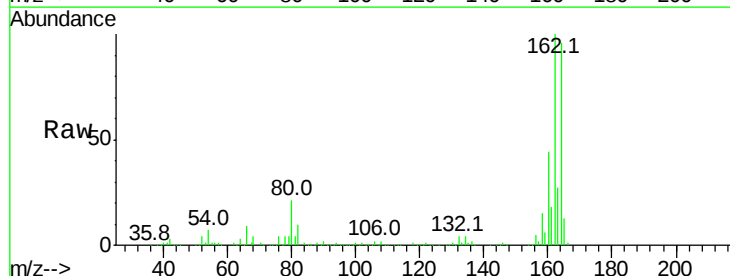
#55
4-Nitrophenol
Concen: 4.049 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

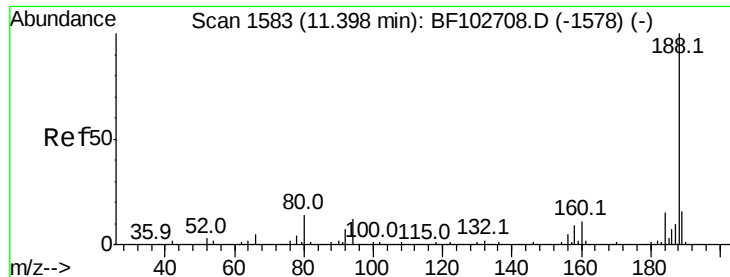
Tot Ion:139 Resp: 131
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.189 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

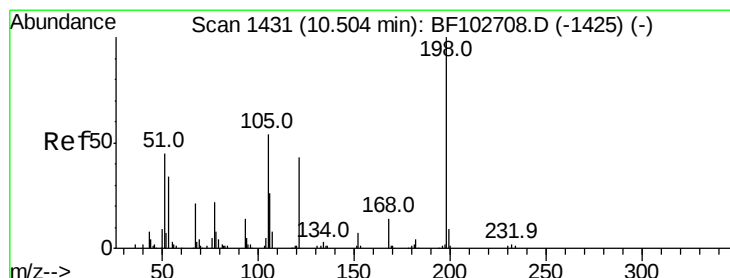
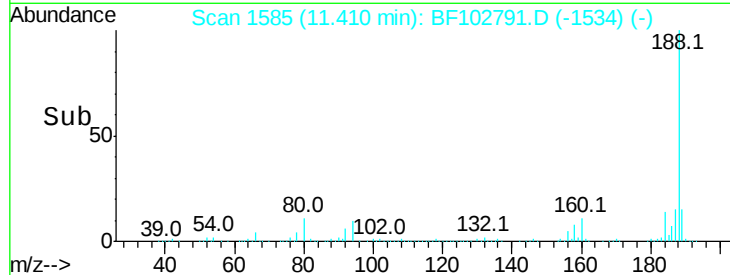
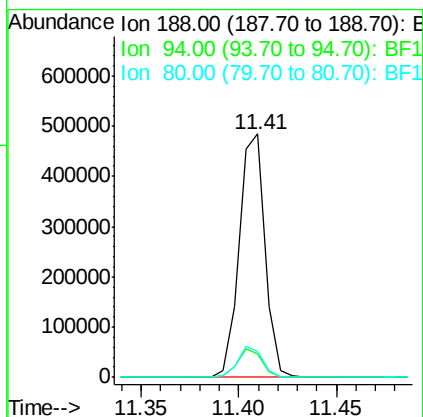
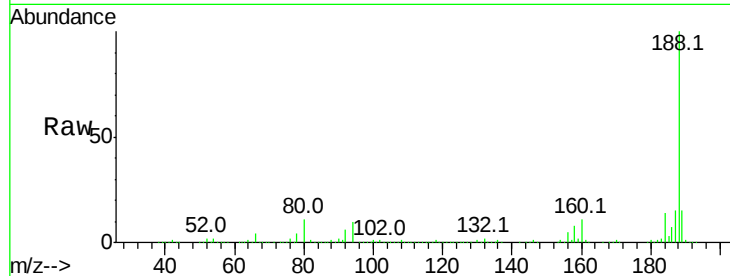
Tgt Ion:165 Resp: 42318
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#





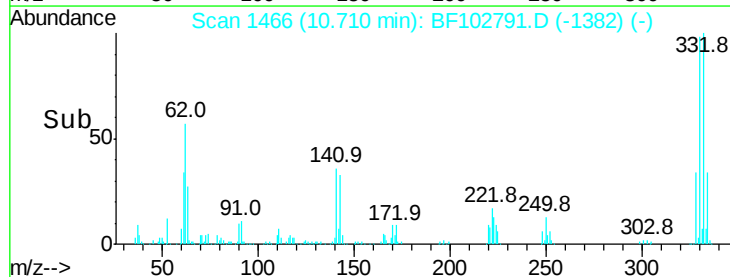
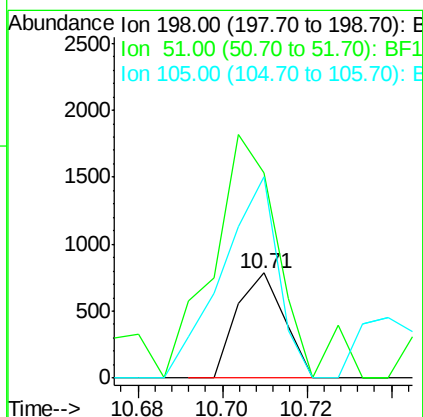
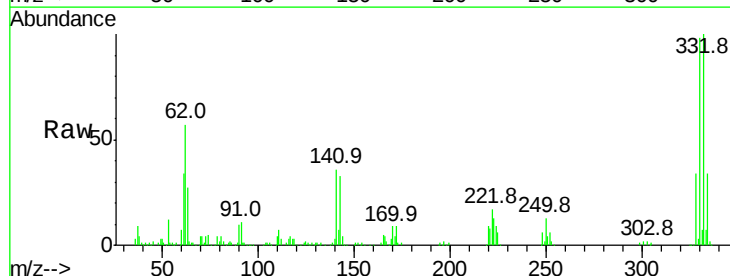
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102791.D
 Acq: 6 Feb 2018 18:29

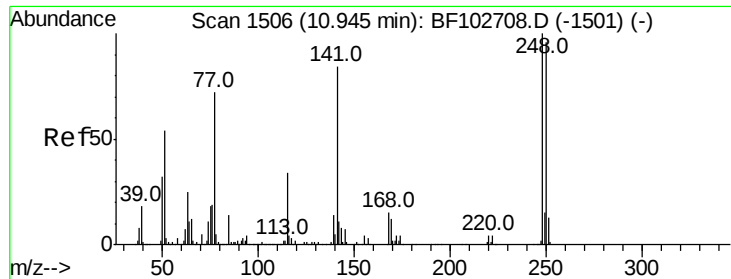
Tot Ion:188 Resp: 443711
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.098 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF102791.D
 Acq: 6 Feb 2018 18:29

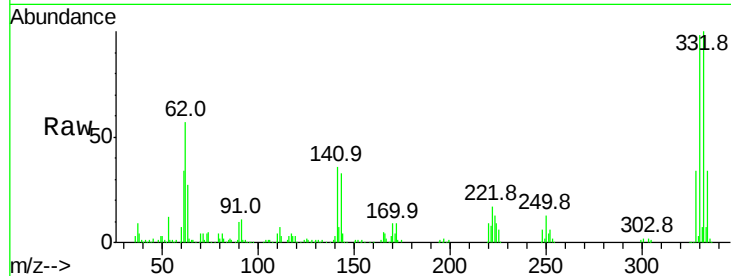
Tgt Ion:198 Resp: 611
 Ion Ratio Lower Upper
 198 100
 51 194.7 37.7 77.7#
 105 191.7 36.3 76.3#



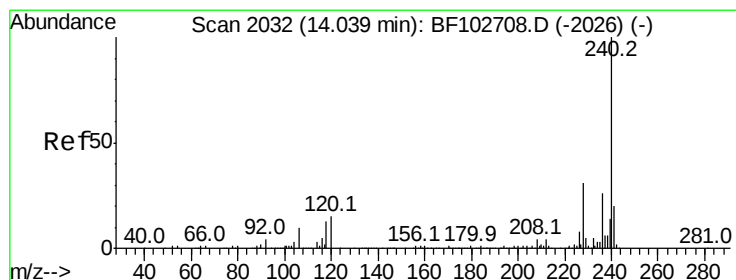
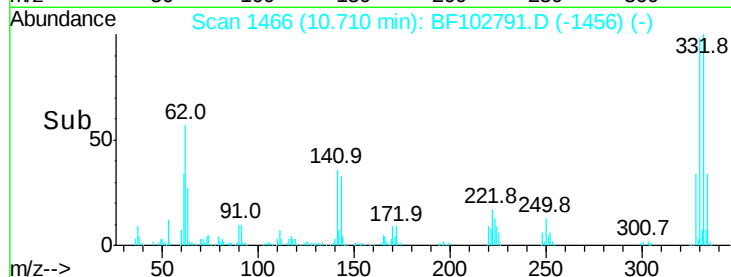
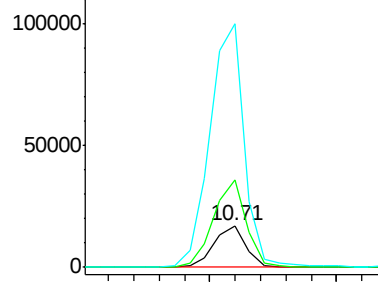


#66
4-Bromophenyl-phenylether
Concen: 3.214 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tot Ion:248 Resp: 15084
Ion Ratio Lower Upper
248 100
250 207.9 76.9 115.3#
141 579.3 74.4 111.6#

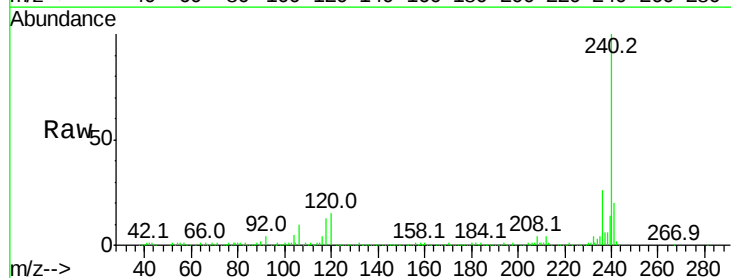


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

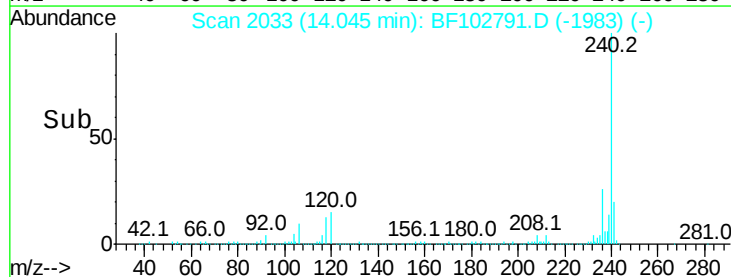
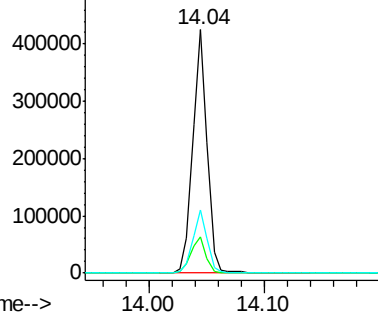


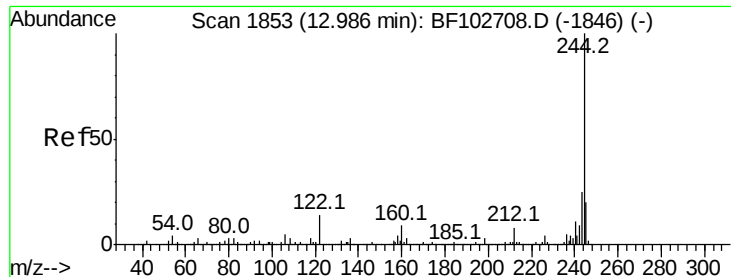
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tgt Ion:240 Resp: 366801
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.9 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: 64.789 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102791.D

Acq: 6 Feb 2018 18:29

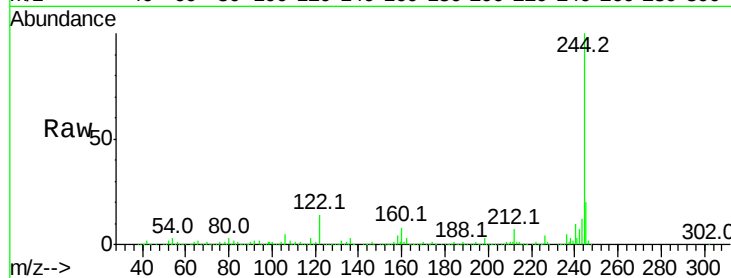
Tot Ion:244 Resp: 1003672

Ion Ratio Lower Upper

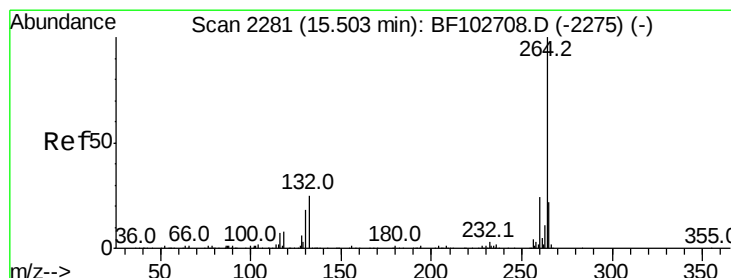
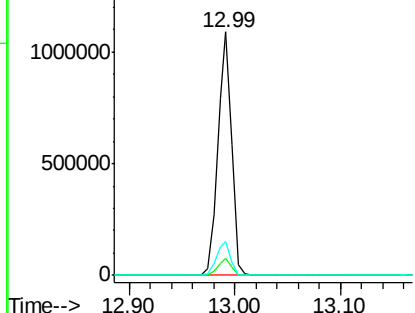
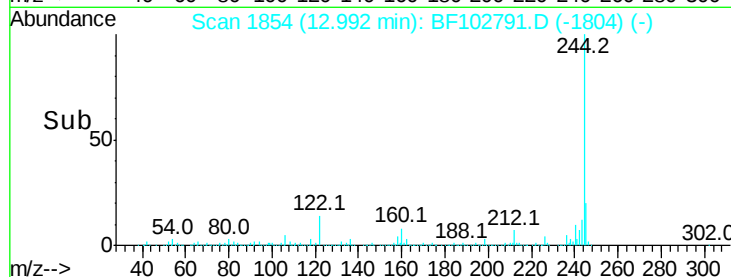
244 100

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: 15.53 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF102791.D

Acq: 6 Feb 2018 18:29

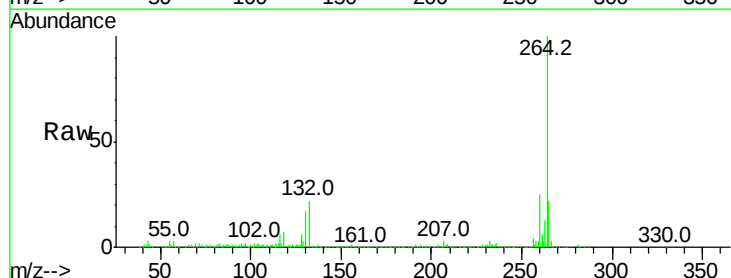
Tgt Ion:264 Resp: 335362

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.1 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

