

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102785.D
 Acq On : 6 Feb 2018 15:45
 Operator : SJ/JU
 Sample : J1460-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 06 16:52:38 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	193891	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	777686	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	306057	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	412152	20.00	ng	0.00
75) Chrysene-d12	14.04	240	345274	20.00	ng	0.00
86) Perylene-d12	15.53	264	325769	20.00	ng	0.00

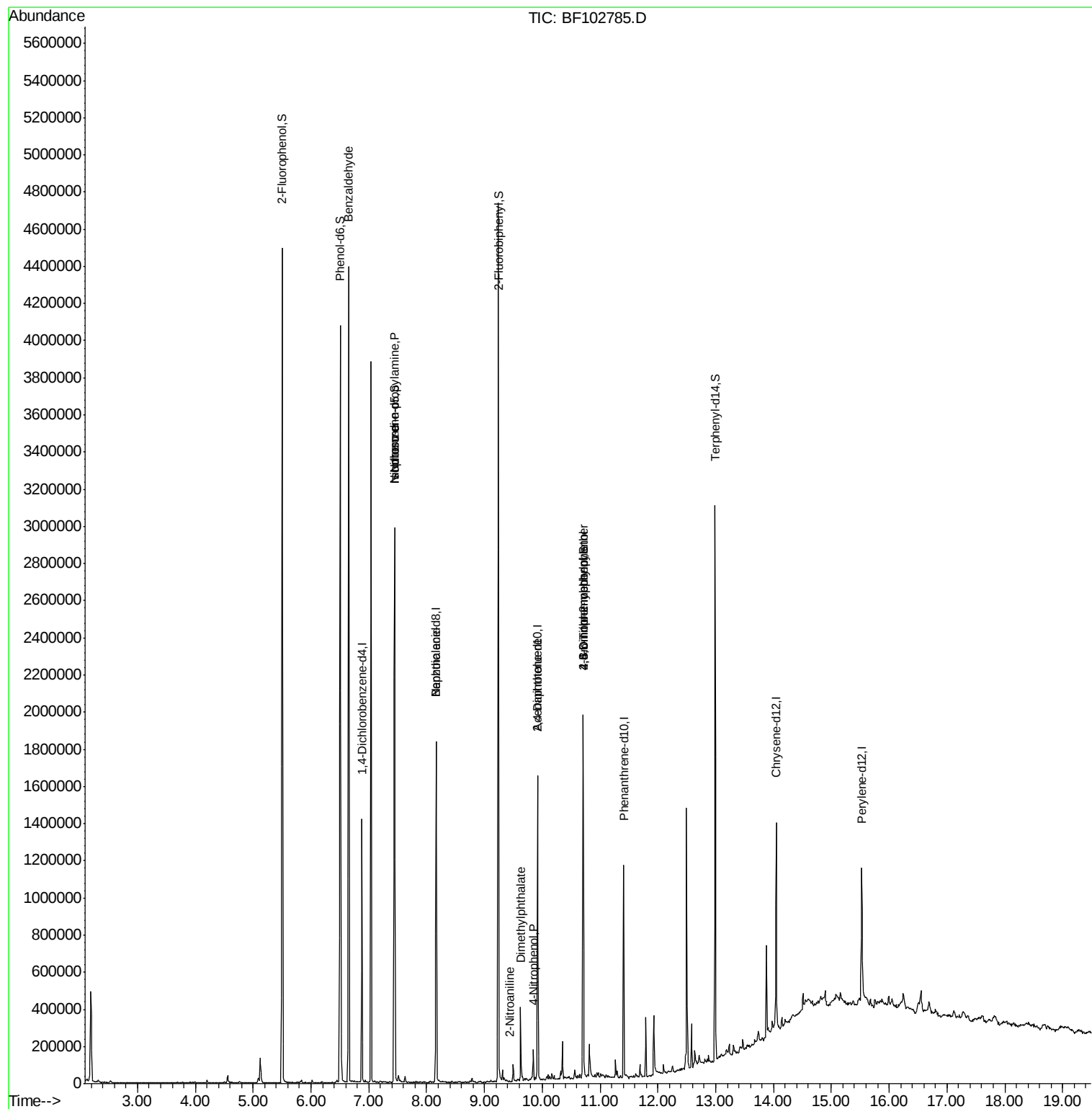
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1314596	102.97	ng	0.01
7) Phenol-d6	6.51	99	1502014	97.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	914286	81.56	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	212373	86.21	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1509714	81.85	ng	0.00
78) Terphenyl-d14	12.99	244	962642	66.01	ng	0.00

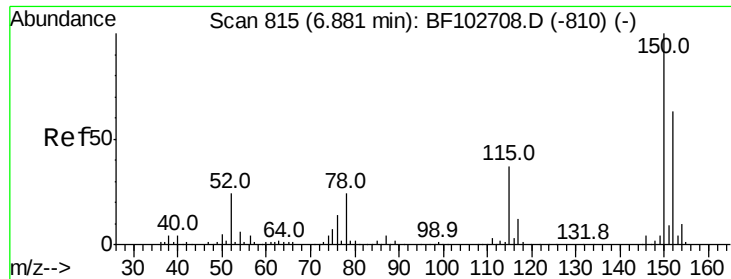
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	27519	2.411	ng	82
19) n-Nitroso-di-n-propylamine	7.45	70	123167	12.152	ng	# 83
25) Isophorone	7.45	82	914269	35.417	ng	# 64
32) Benzoic acid	8.16	122	134	8.560	ng	# 1
47) 2-Nitroaniline	9.43	65	120	3.490	ng	# 2
49) Dimethylphthalate	9.63	163	148196	6.210	ng	100
55) 4-Nitrophenol	9.85	139	131	4.051	ng	# 9
56) 2,4-Dinitrotoluene	9.92	165	39669	9.173	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	402	9.009	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	14105	3.235	ng	# 1

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

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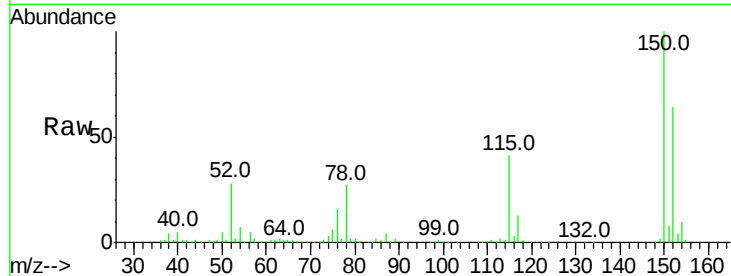




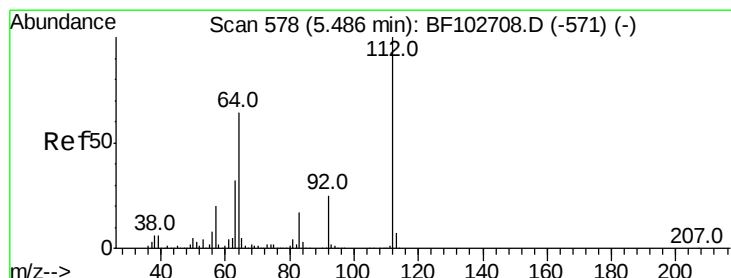
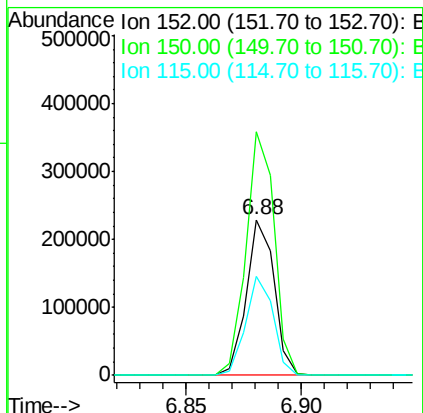
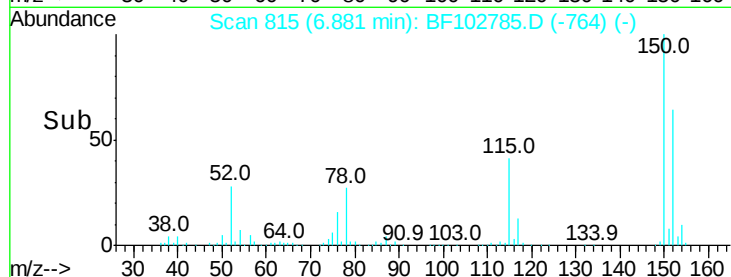
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102785.D
Acq: 6 Feb 2018 15:45

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	63.9	50.1	75.1



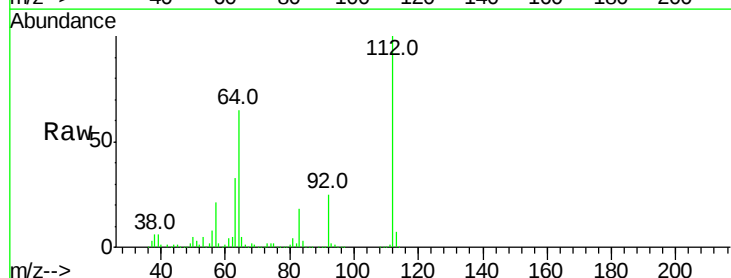
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



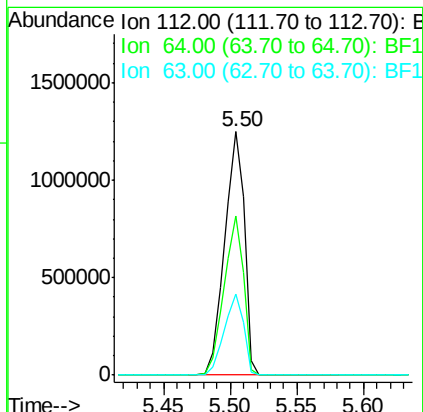
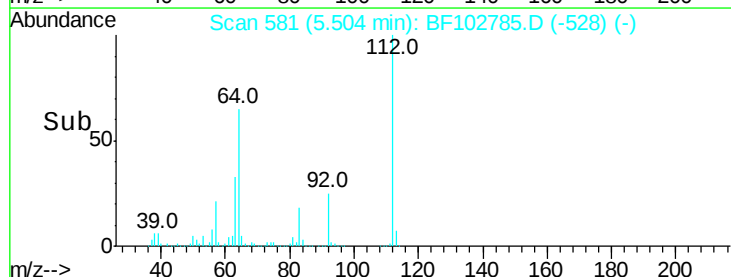
#5

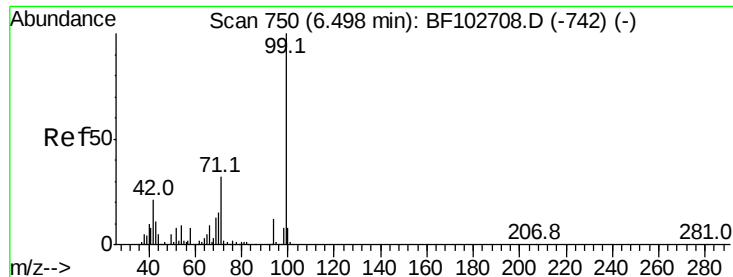
2-Fluorophenol
Concen: 102.967 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102785.D
Acq: 6 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.5	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: 97.707 ng

RT: 6.51 min Scan# 752

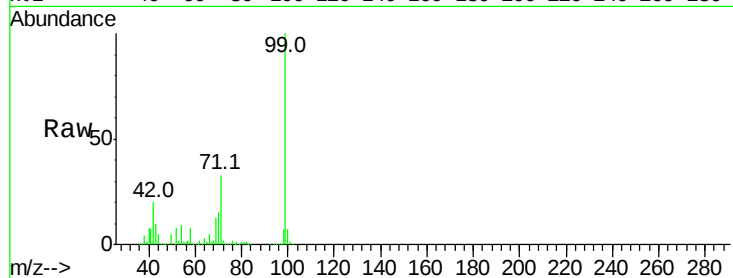
Delta R.T. 0.01 min

Lab File: BF102785.D

Acq: 6 Feb 2018 15:45

Tot Ion: 99 Resp: 1502014

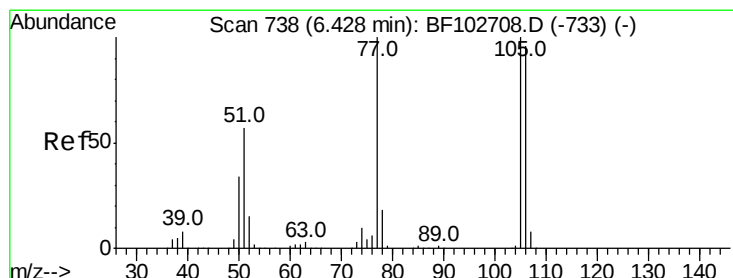
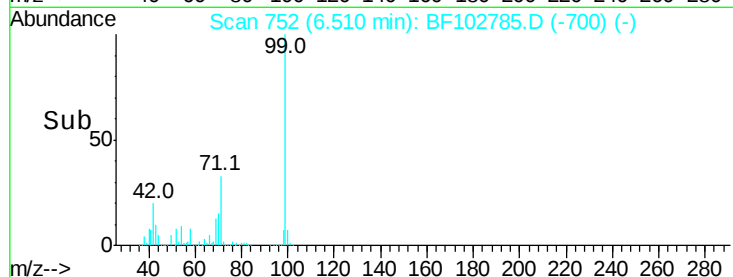
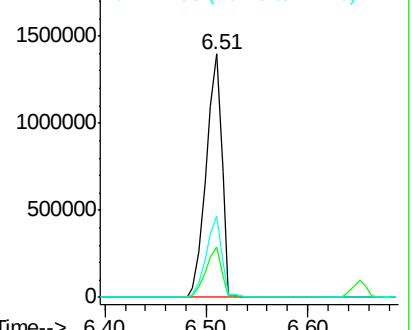
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.3	25.4	38.0



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: 2.411 ng

RT: 6.65 min Scan# 776

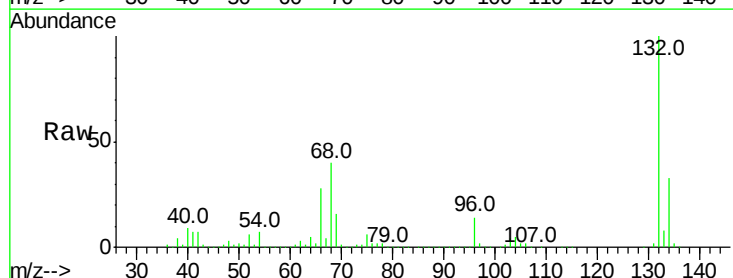
Delta R.T. 0.22 min

Lab File: BF102785.D

Acq: 6 Feb 2018 15:45

Tgt Ion: 77 Resp: 27519

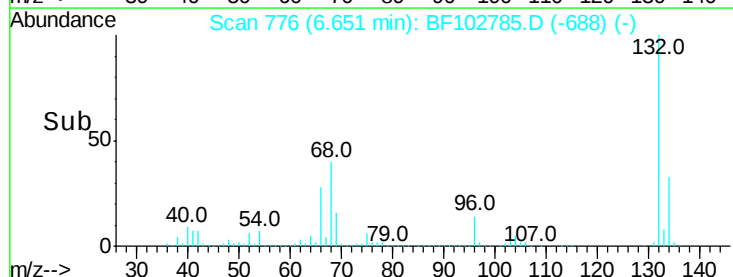
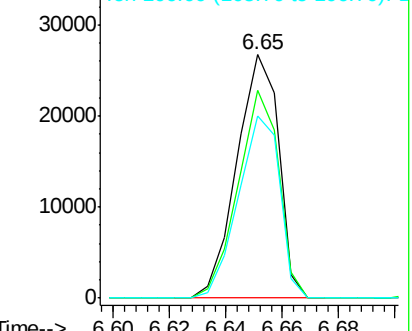
Ion	Ratio	Lower	Upper
77	100		
105	85.3	81.1	121.1
106	74.8	74.5	114.5

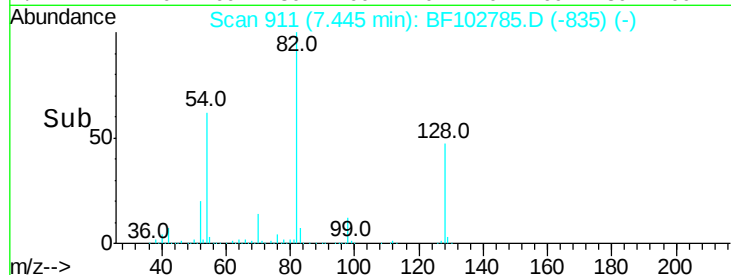
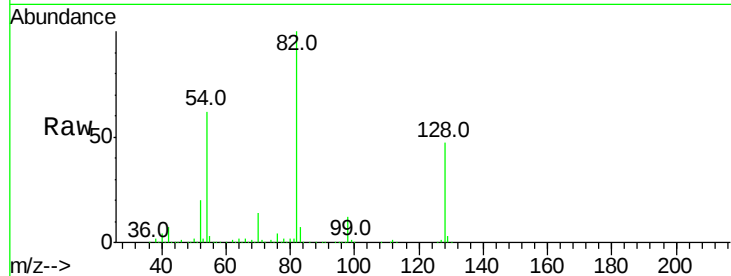
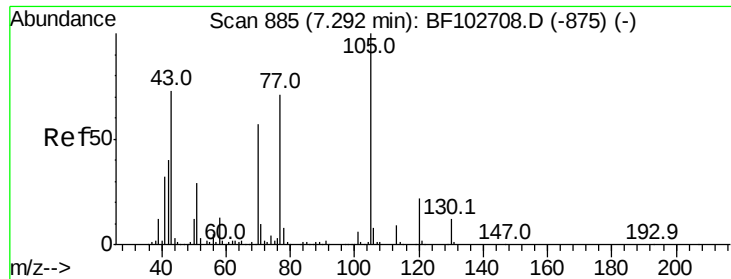


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

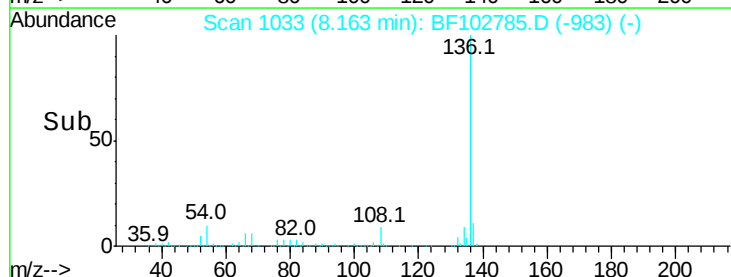
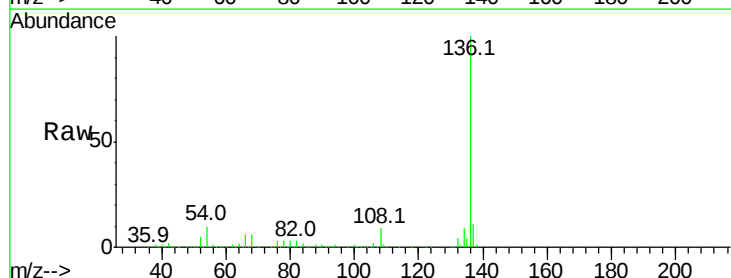
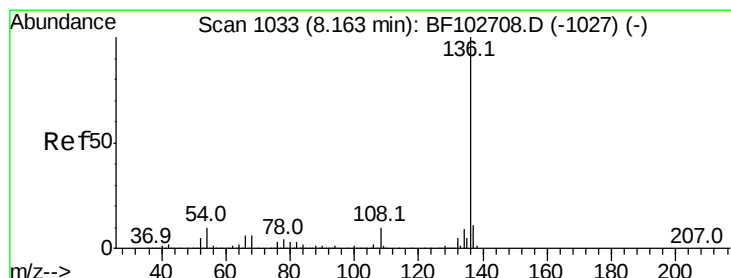
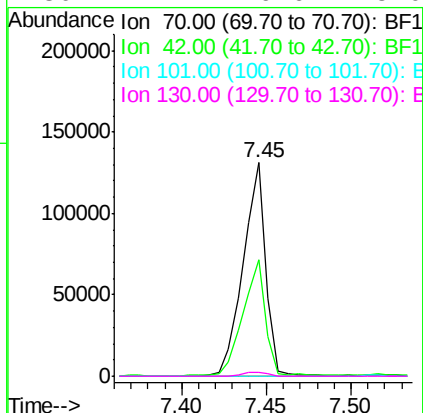
Ion 106.00 (105.70 to 106.70): BF1





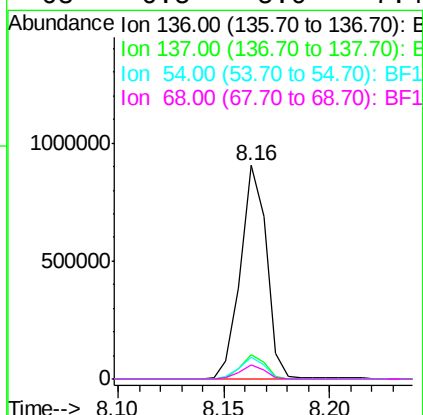
#19
n-Nitroso-di-n-propylamine
Concen: 12.152 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102785.D
Acq: 6 Feb 2018 15:45

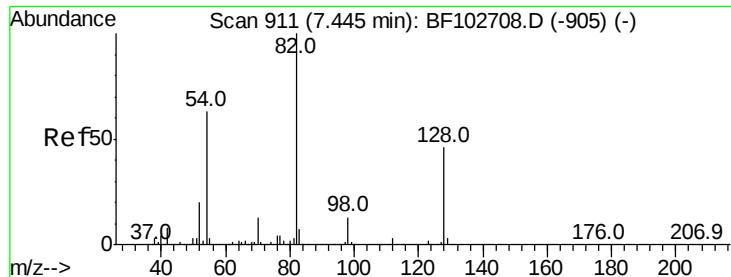
Tot Ion	70	Resp	123167
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102785.D
Acq: 6 Feb 2018 15:45

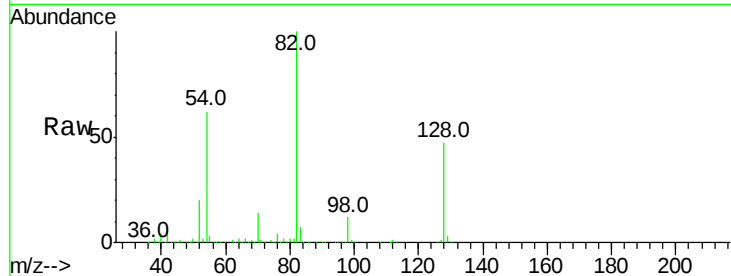
Tgt Ion	136	Resp	777686
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.2	6.6	9.8#
68	6.5	5.0	7.4



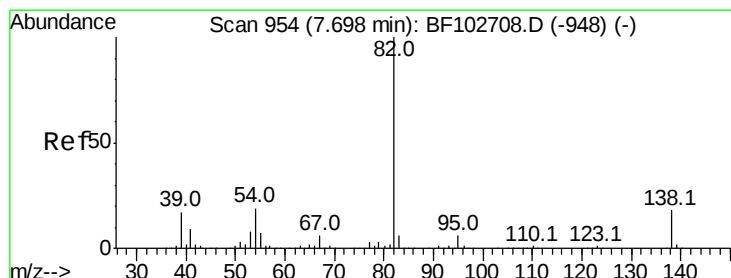
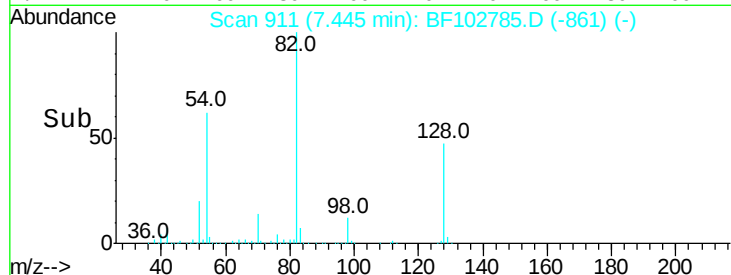
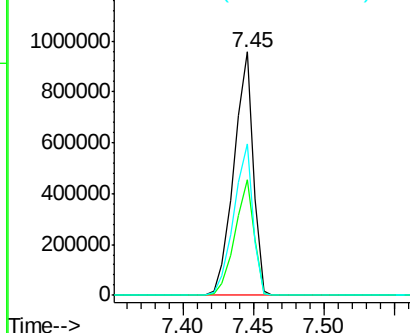


#23
Nitrobenzene-d5
Concen: 81.555 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102785.D
Acq: 6 Feb 2018 15:45

Tot Ion: 82 Resp: 914286
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 62.2 41.4 62.2#

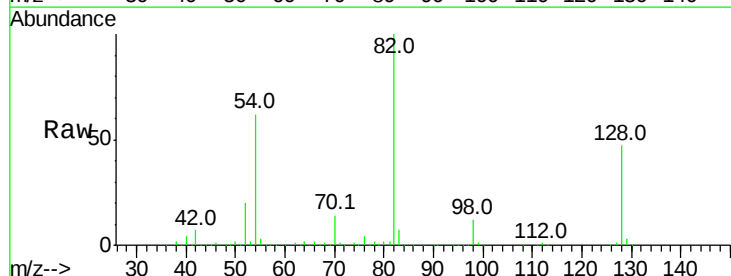


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

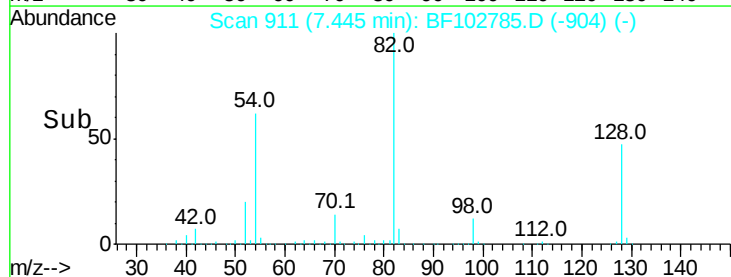
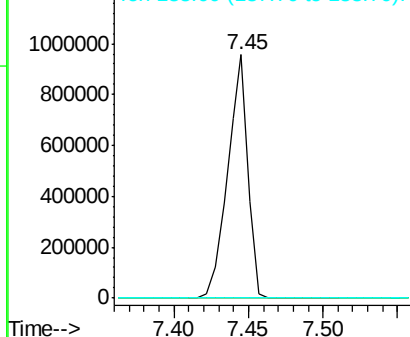


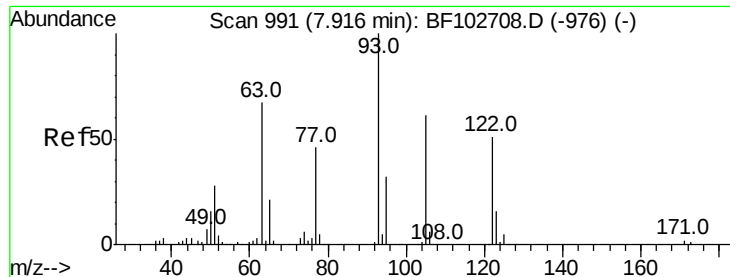
#25
Isophorone
Concen: 35.417 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102785.D
Acq: 6 Feb 2018 15:45

Tgt Ion: 82 Resp: 914269
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: 8.560 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.23 min

Lab File: BF102785.D

Acq: 6 Feb 2018 15:45

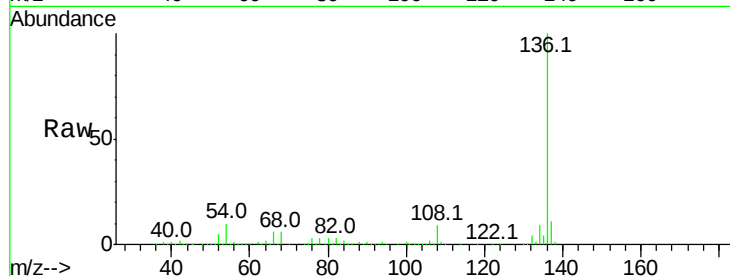
Tot Ion:122 Resp: 134

Ion Ratio Lower Upper

122 100

105 251.5 101.1 141.1#

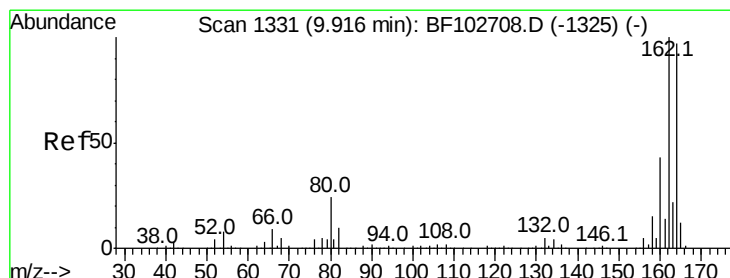
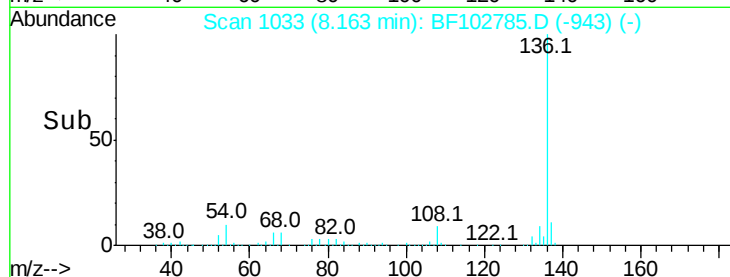
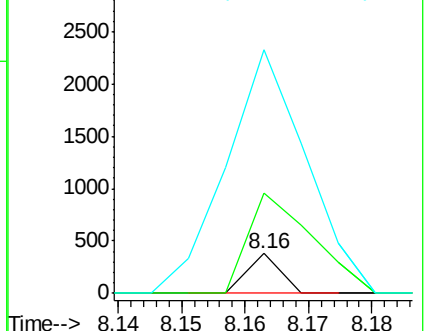
77 613.7 70.7 110.7#



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: BF102785.D

Acq: 6 Feb 2018 15:45

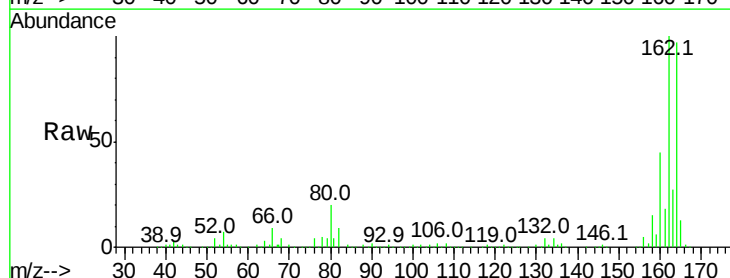
Tgt Ion:164 Resp: 306057

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

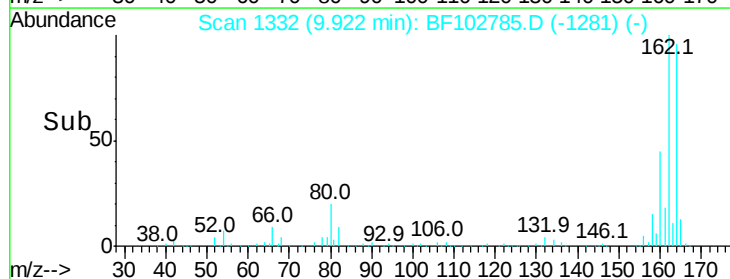
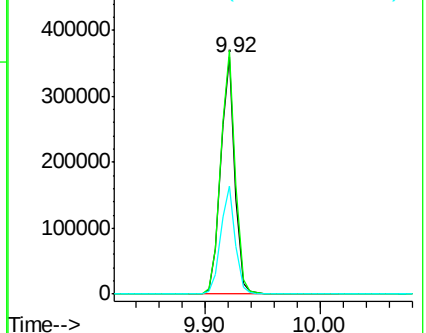
160 45.8 38.3 57.5

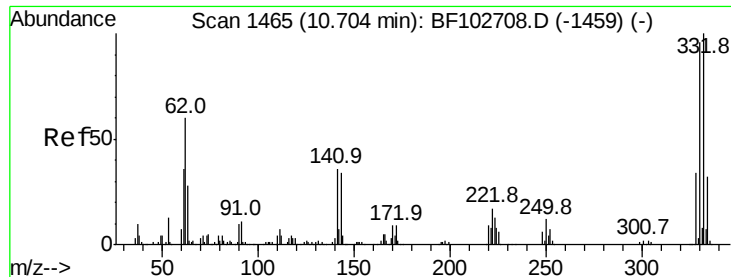


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

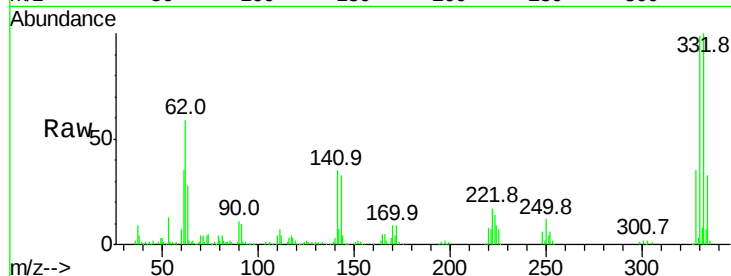
Ion 160.00 (159.70 to 160.70): E



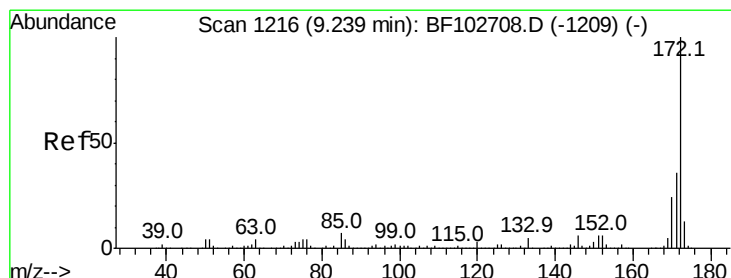
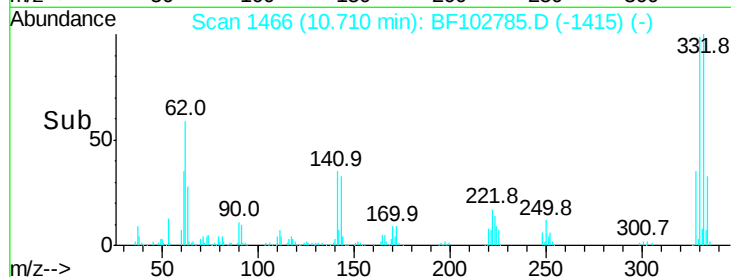
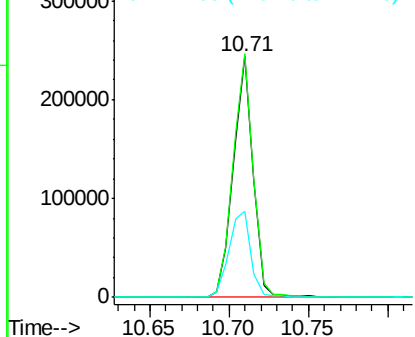


#41
 2,4,6-Tribromophenol
 Concen: 86.211 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102785.D
 Acq: 6 Feb 2018 15:45

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	39.4	29.9	44.9

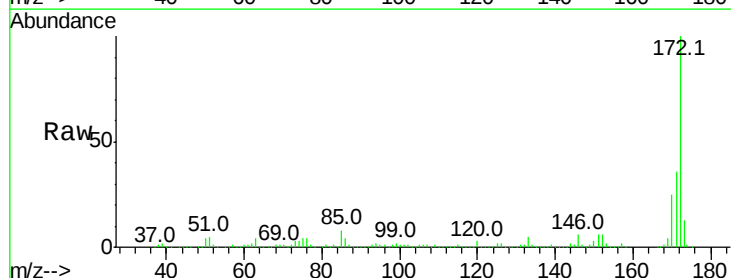


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

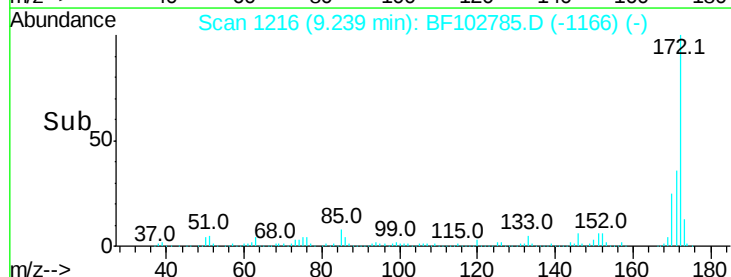
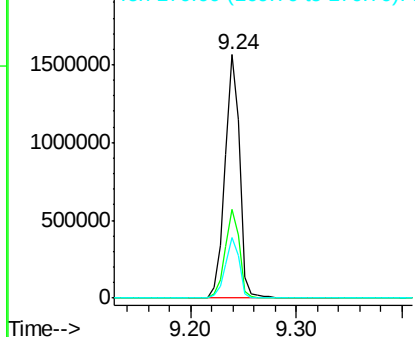


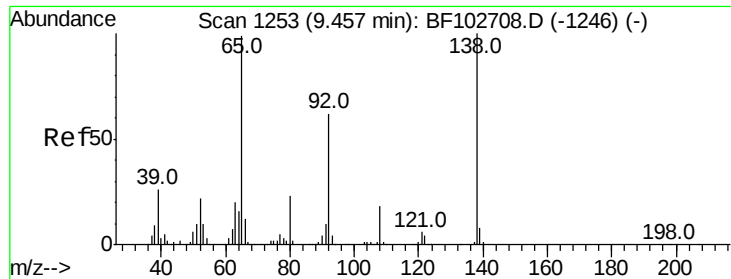
#44
 2-Fluorobiphenyl
 Concen: 81.852 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102785.D
 Acq: 6 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.9	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: 3.490 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.03 min

Lab File: BF102785.D

Acq: 6 Feb 2018 15:45

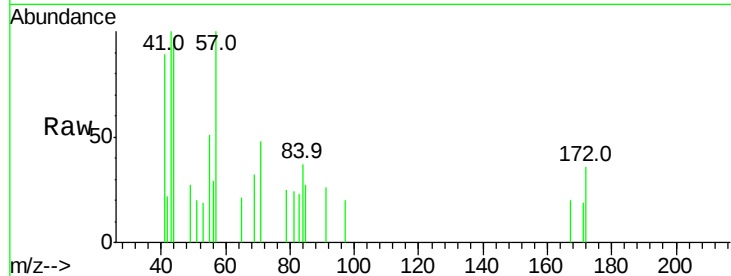
Tot Ion: 65 Resp: 120

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

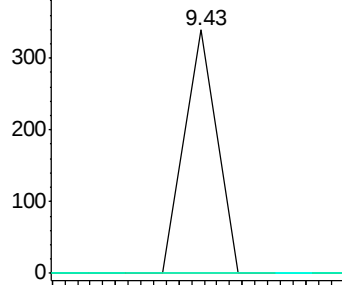
138 0.0 91.2 136.8#



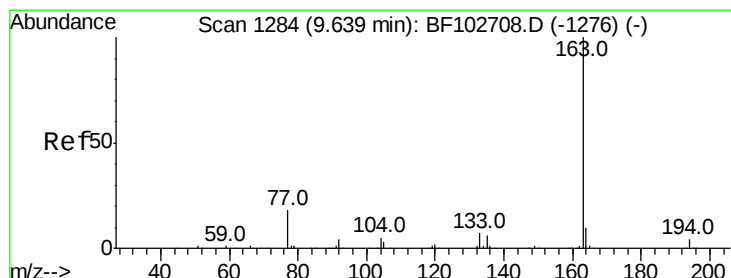
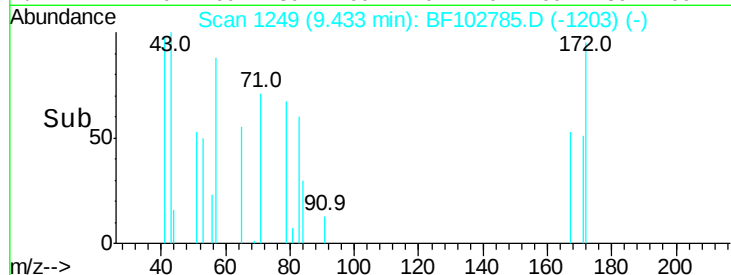
Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



Time--> 9.41 9.42 9.43 9.44 9.45



#49

Dimethylphthalate

Concen: 6.210 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102785.D

Acq: 6 Feb 2018 15:45

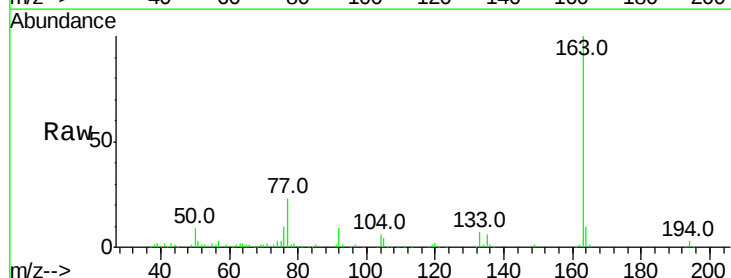
Tgt Ion: 163 Resp: 148196

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

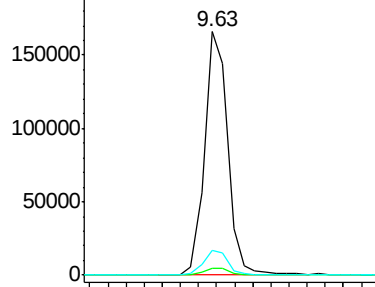
164 10.3 8.2 12.2



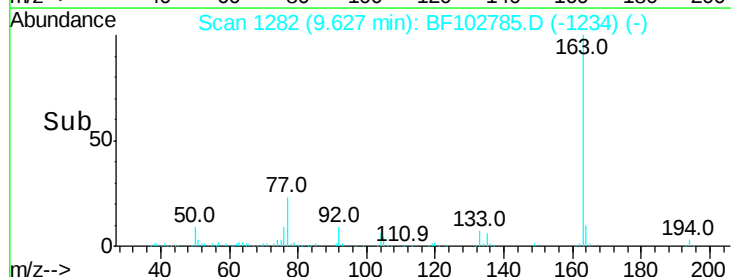
Abundance Ion 163.00 (162.70 to 163.70): E

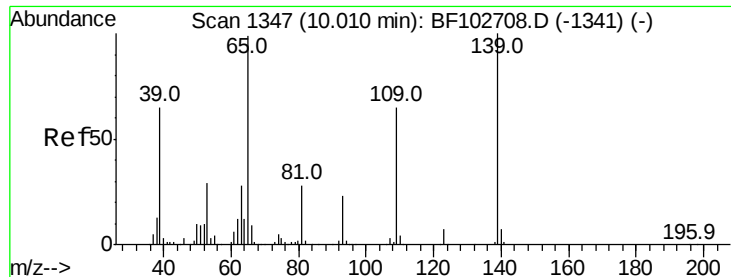
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



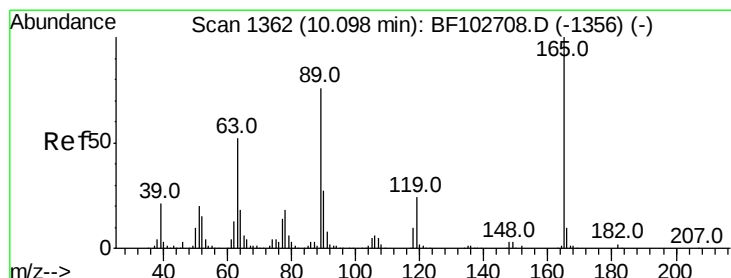
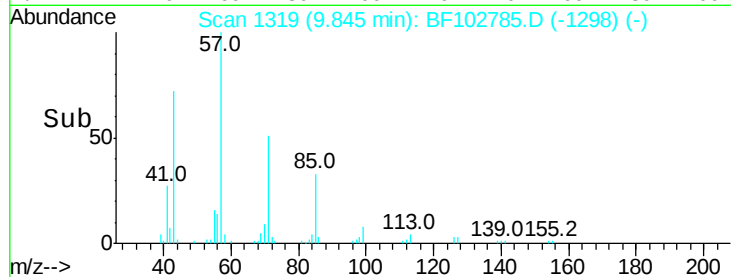
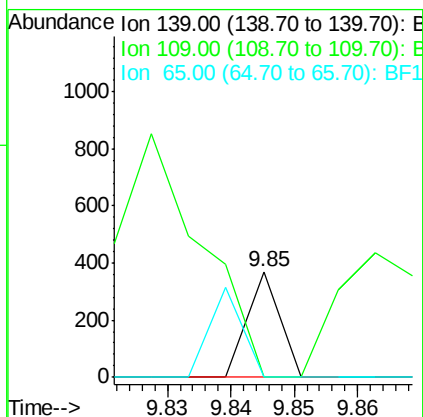
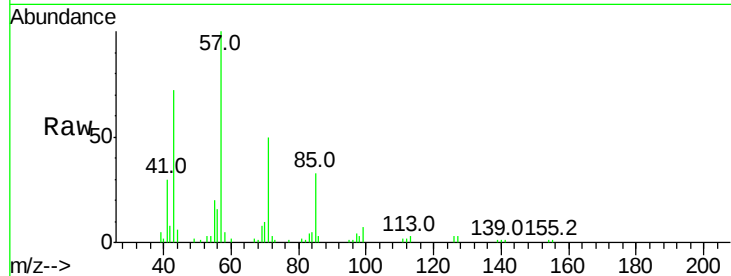
Time--> 9.60 9.65 9.70





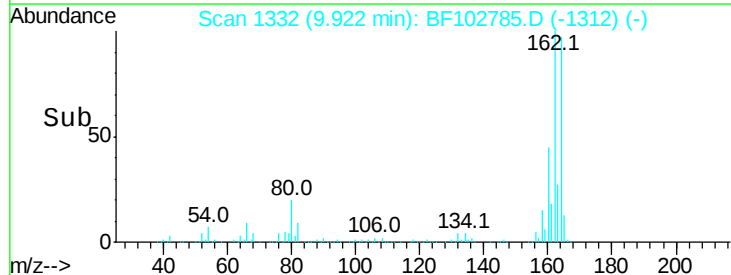
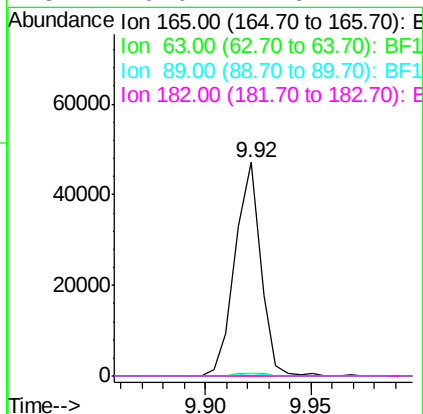
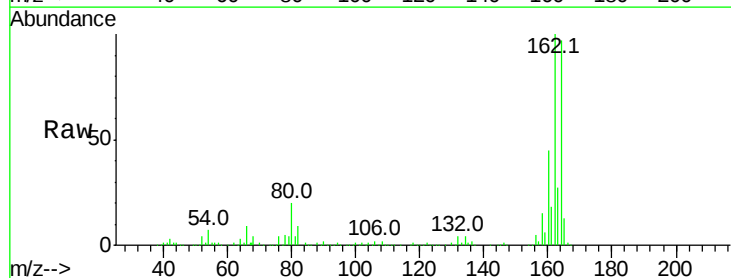
#55
4-Nitrophenol
Concen: 4.051 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.18 min
Lab File: BF102785.D
Acq: 6 Feb 2018 15:45

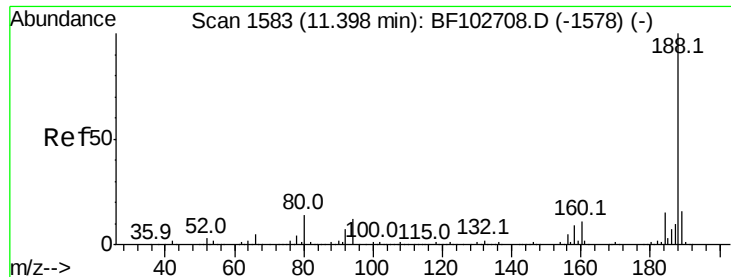
Tot Ion:139 Resp: 131
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.173 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102785.D
Acq: 6 Feb 2018 15:45

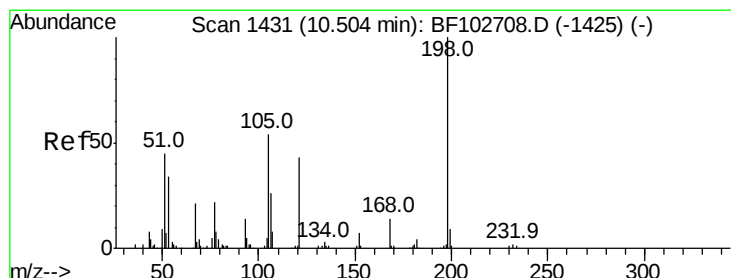
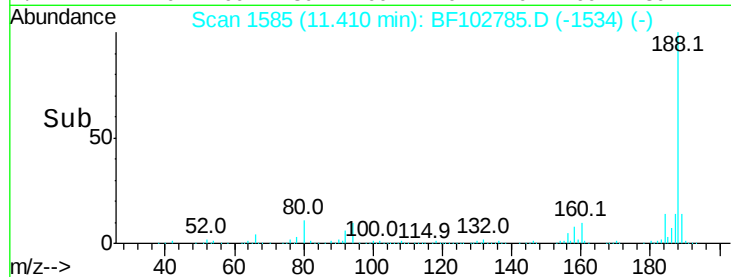
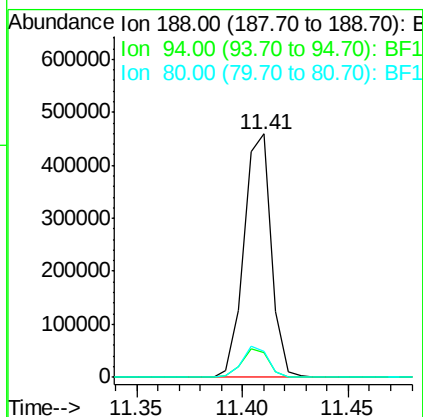
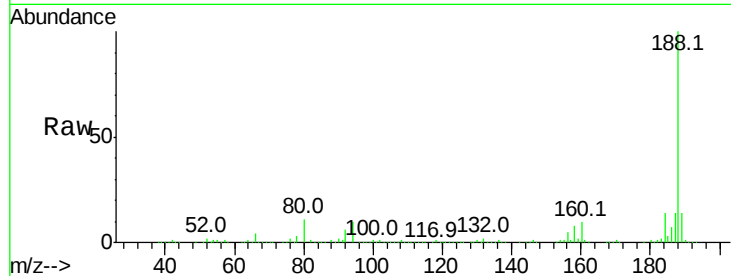
Tgt Ion:165 Resp: 39669
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#





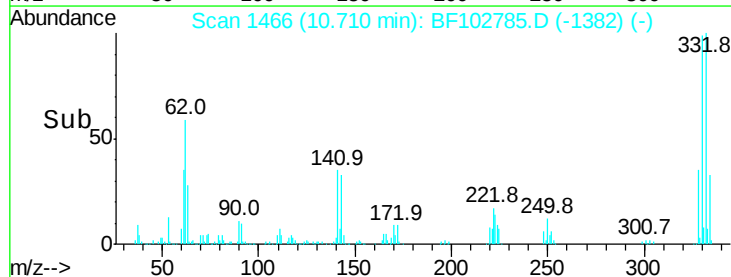
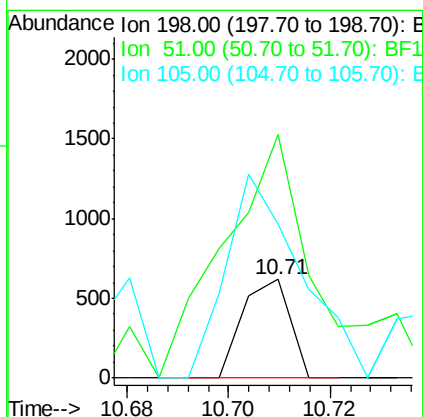
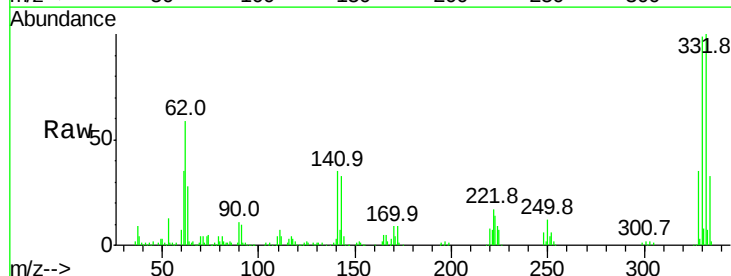
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102785.D
 Acq: 6 Feb 2018 15:45

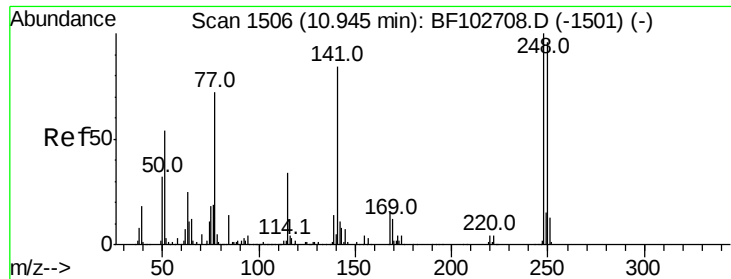
Tot Ion:188 Resp: 412152
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.009 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF102785.D
 Acq: 6 Feb 2018 15:45

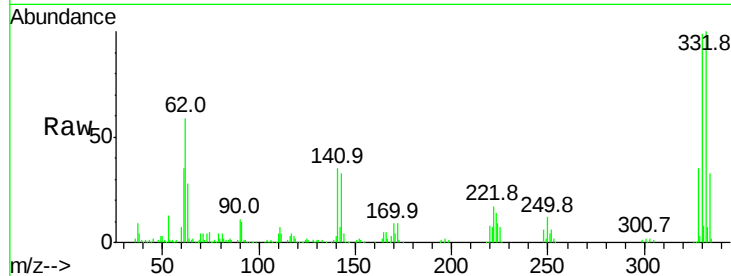
Tgt Ion:198 Resp: 402
 Ion Ratio Lower Upper
 198 100
 51 246.3 37.7 77.7#
 105 156.3 36.3 76.3#



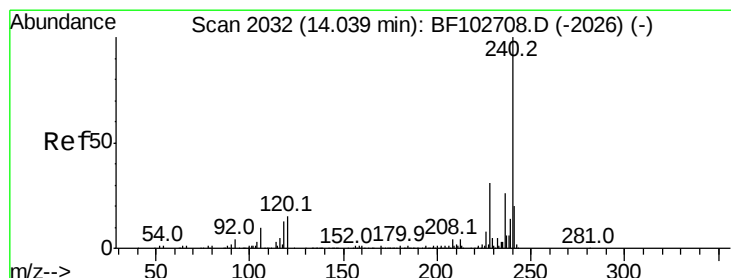
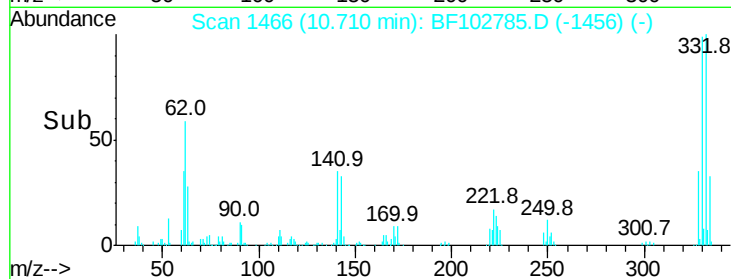
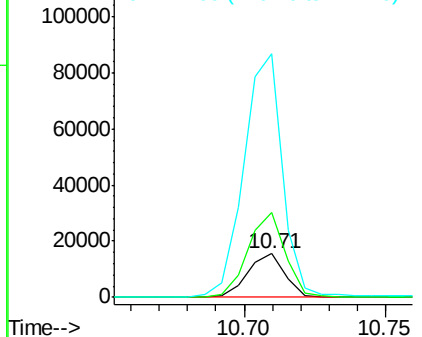


#66
 4-Bromophenyl-phenylether
 Concen: 3.235 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF102785.D
 Acq: 6 Feb 2018 15:45

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.9	115.3#
141	561.8	74.4	111.6#

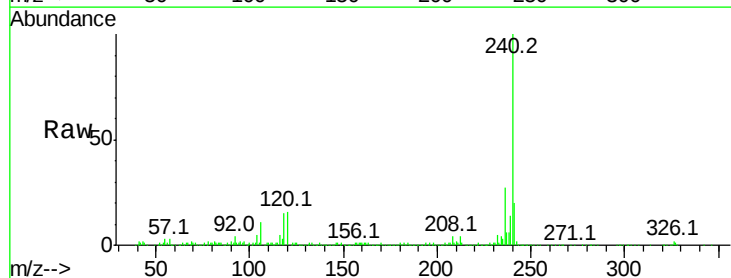


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

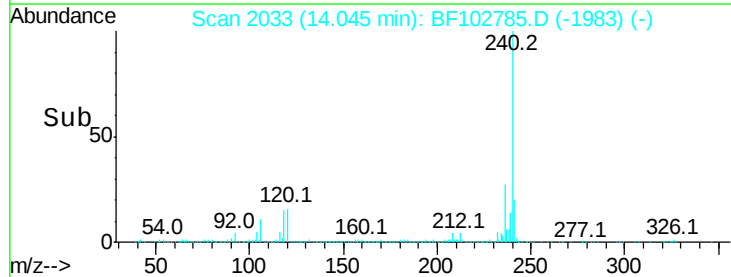
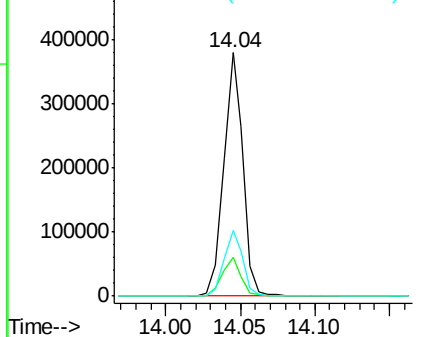


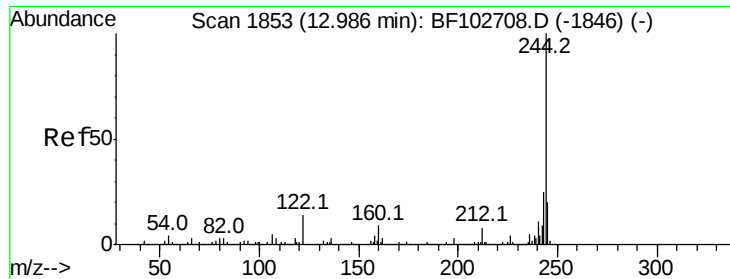
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF102785.D
 Acq: 6 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	27.2	20.7	31.1



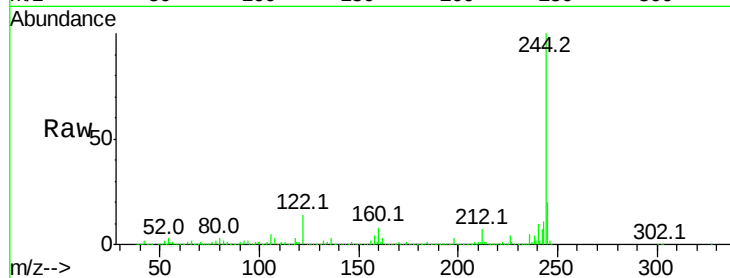
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



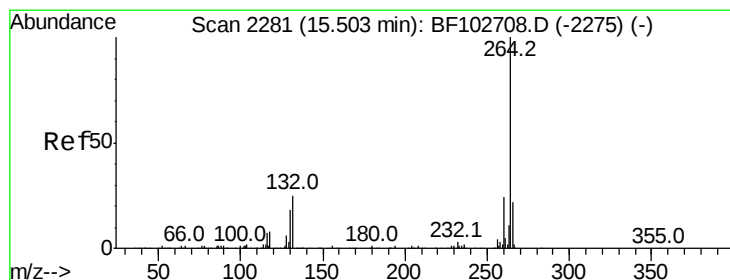
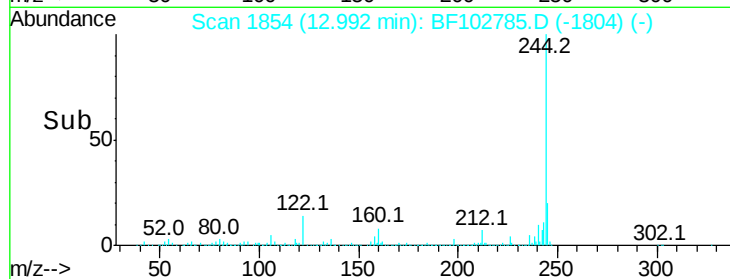
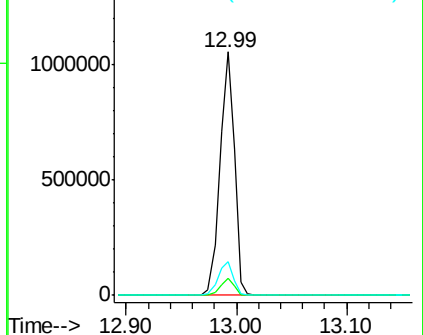


#78
 Terphenyl-d14
 Concen: 66.015 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF102785.D
 Acq: 6 Feb 2018 15:45

Tot Ion:244 Resp: 962642
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.1 11.0 16.4

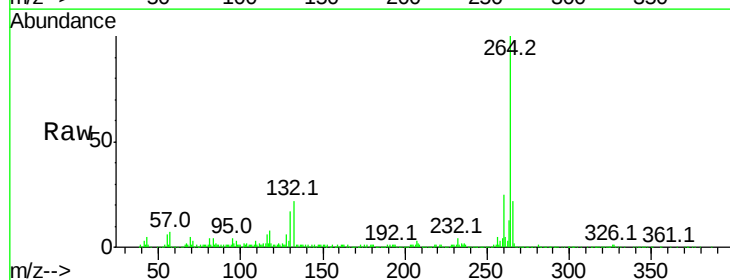


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF102785.D
 Acq: 6 Feb 2018 15:45

Tgt Ion:264 Resp: 325769
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.8 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

