

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107841.D
 Acq On : 31 Jul 2018 10:10
 Operator : JU/SJ
 Sample : J4184-02DL2 100X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Quant Time: Jul 31 10:49:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124100	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	639666	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	286022	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	529250	20.00	ng	0.00
75) Chrysene-d12	14.15	240	394464	20.00	ng	0.00
86) Perylene-d12	15.69	264	394380	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	124	0.02	ng	0.09
7) Phenol-d6	6.73	99	135	0.01	ng	0.12
23) Nitrobenzene-d5	7.59	82	3609	0.33	ng	0.05
41) 2,4,6-Tribromophenol	10.81	330	3445	0.89	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	22264	1.08	ng	0.00
78) Terphenyl-d14	13.08	244	23221	1.28	ng	0.00

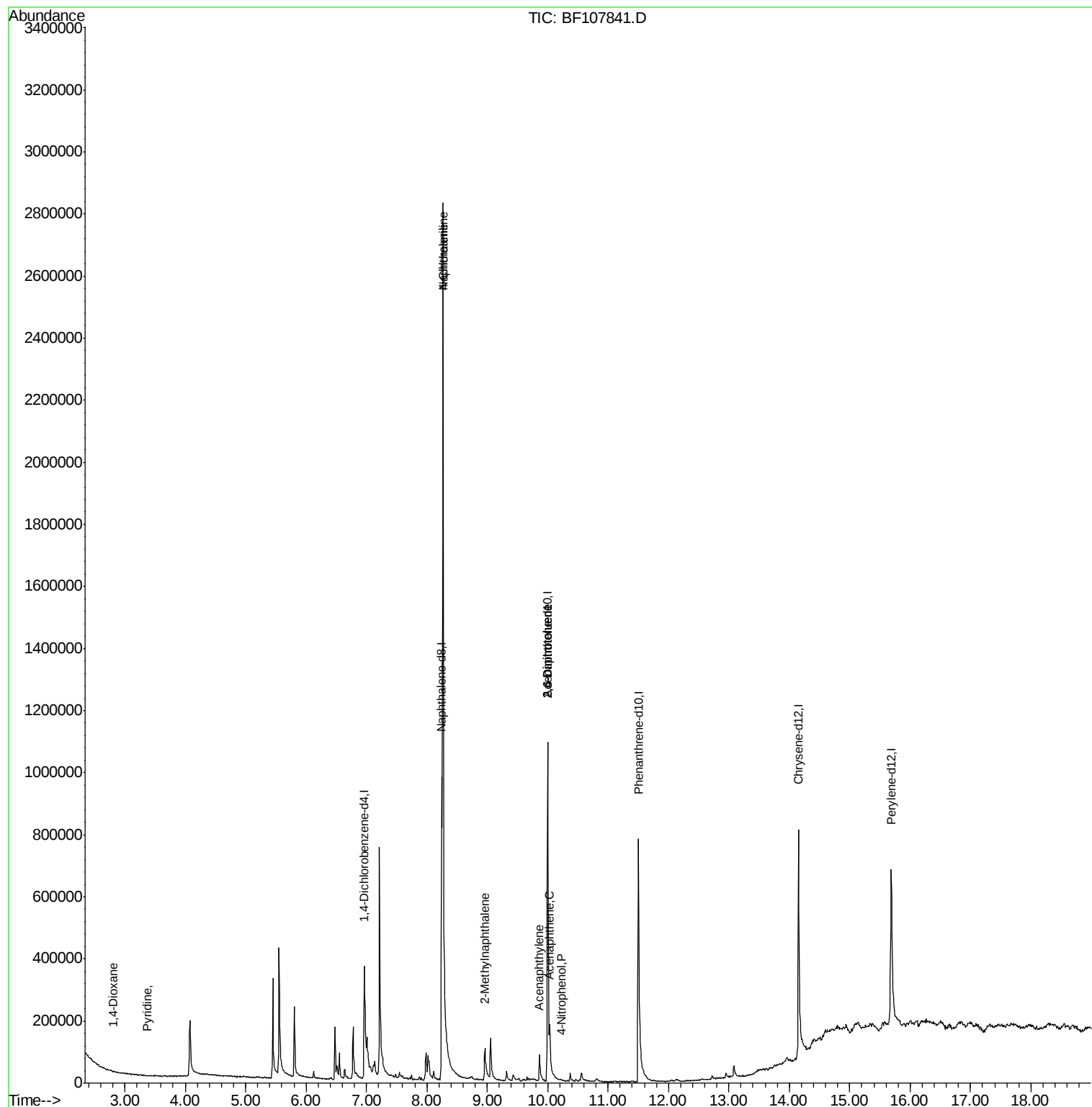
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	535	5.931	ng	# 2
3) Pyridine	3.36	79	108	6.265	ng	# 1
31) Naphthalene	8.27	128	1745476	58.702	ng	99
33) 4-Chloroaniline	8.27	127	221861	17.468	ng	# 32
37) 2-Methylnaphthalene	8.96	142	65912	3.529	ng	97
48) Acenaphthylene	9.87	152	61855	2.033	ng	98
50) 2,6-Dinitrotoluene	10.00	165	35806	7.670	ng	# 27
51) Acenaphthene	10.04	154	35794	2.025	ng	97
55) 4-Nitrophenol	10.22	139	113	9.349	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	36626	5.969	ng	# 25

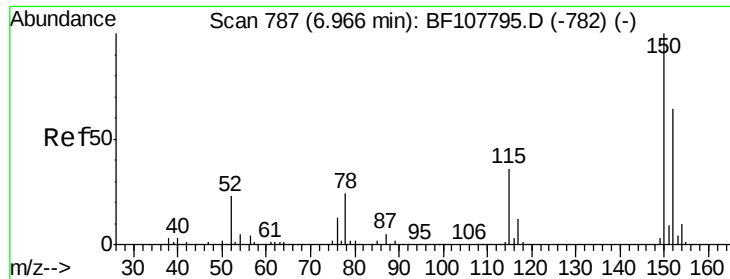
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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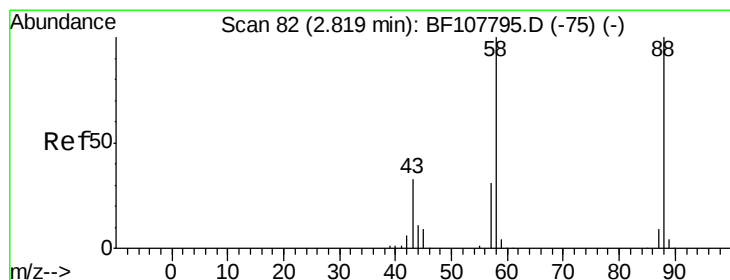
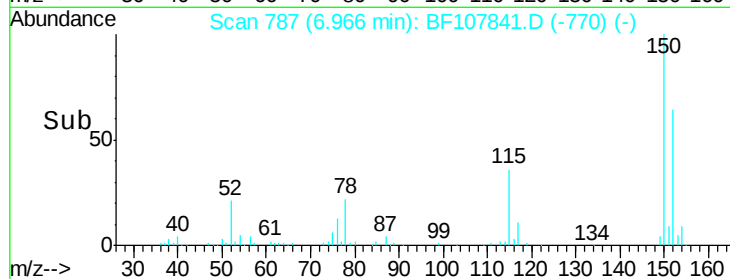
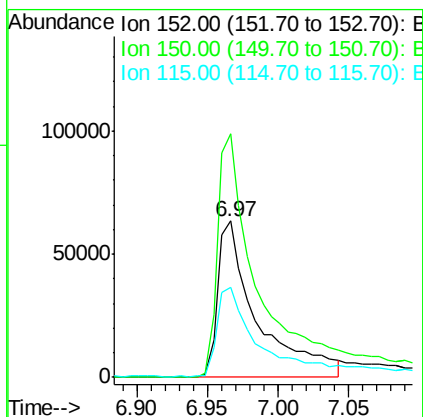
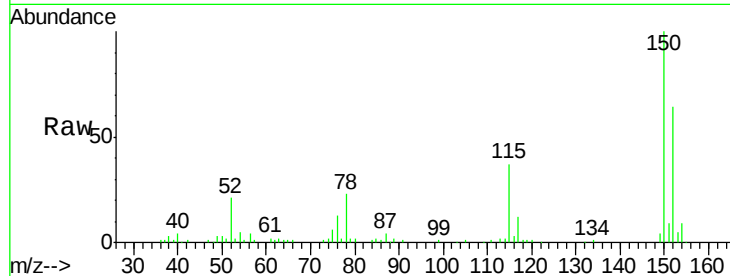


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

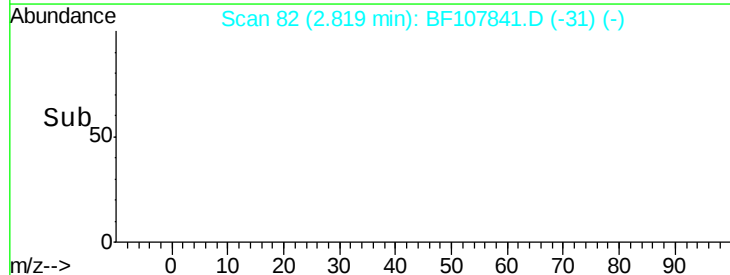
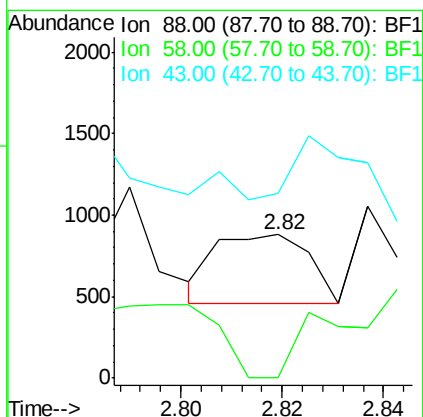
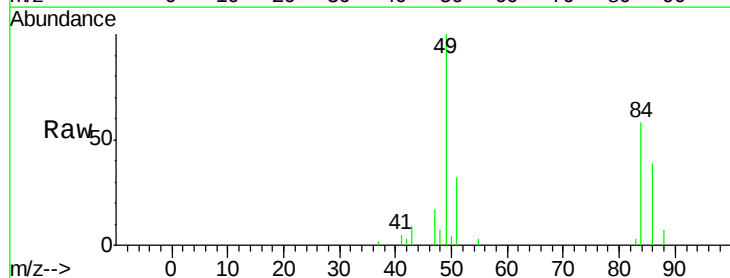
Tgt Ion:152 Resp: 124100
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 57.7 50.1 75.1

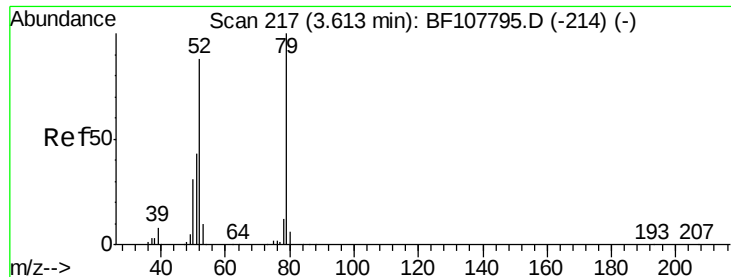


#2

1,4-Dioxane
Concen: 5.931 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Tgt Ion: 88 Resp: 535
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 96.6 24.6 37.0#





#3

Pyridine

Concen: 6.265 ng

RT: 3.36 min Scan# 174

Delta R.T. -0.25 min

Lab File: BF107841.D

Acq: 31 Jul 2018 10:10

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

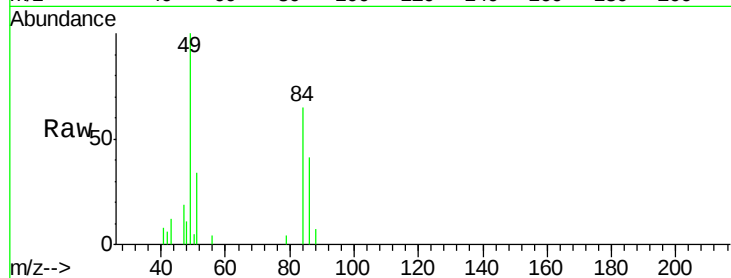
Tgt Ion: 79 Resp: 108

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

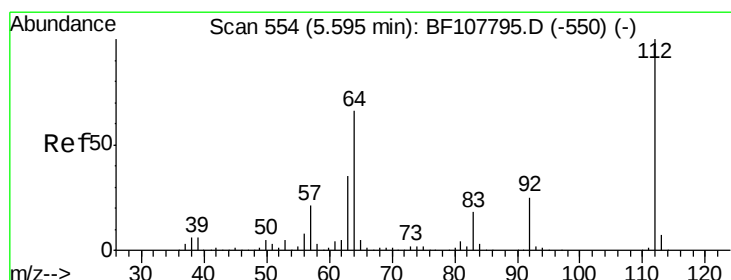
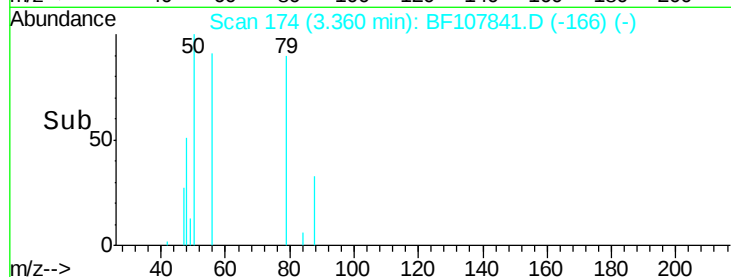
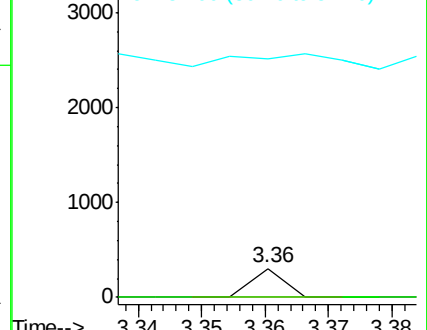
51 824.6 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 0.017 ng

RT: 5.68 min Scan# 569

Delta R.T. 0.09 min

Lab File: BF107841.D

Acq: 31 Jul 2018 10:10

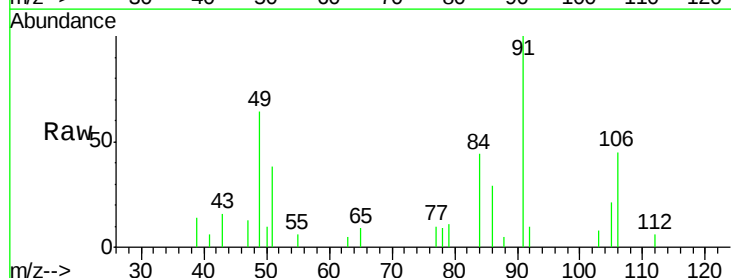
Tgt Ion: 112 Resp: 124

Ion Ratio Lower Upper

112 100

64 0.0 47.9 71.9#

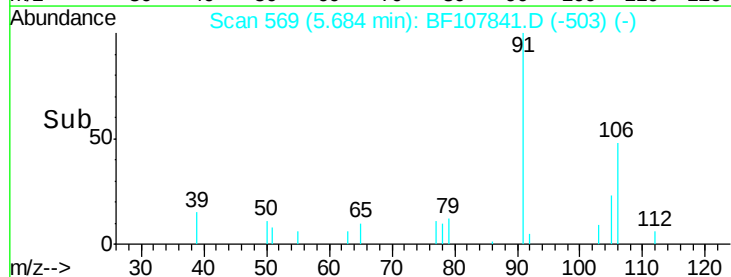
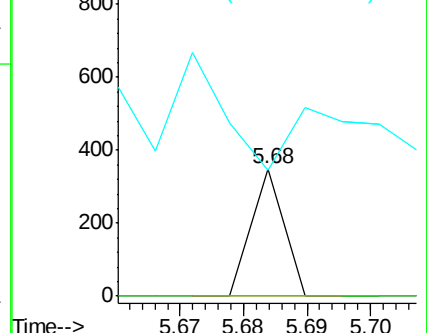
63 99.1 23.7 35.5#

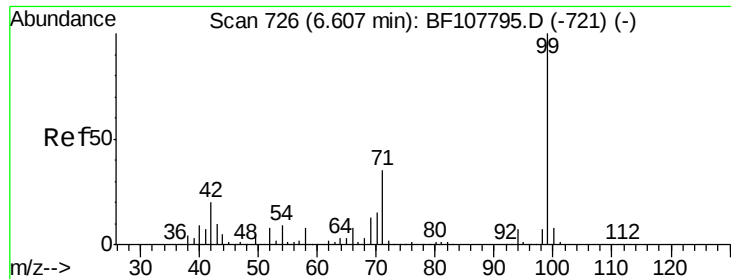


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.014 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.12 min

Lab File: BF107841.D

Acq: 31 Jul 2018 10:10

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

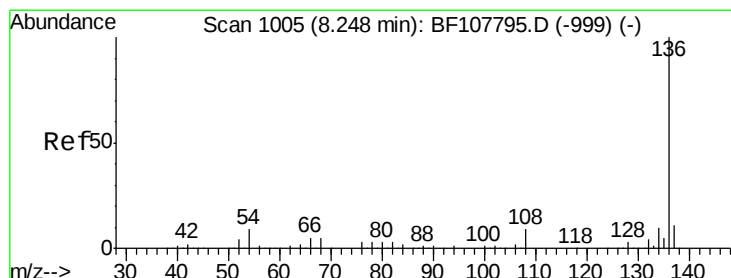
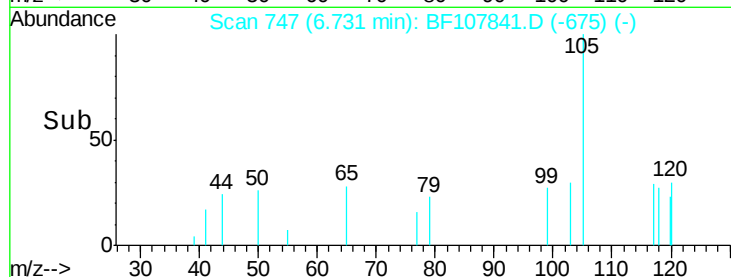
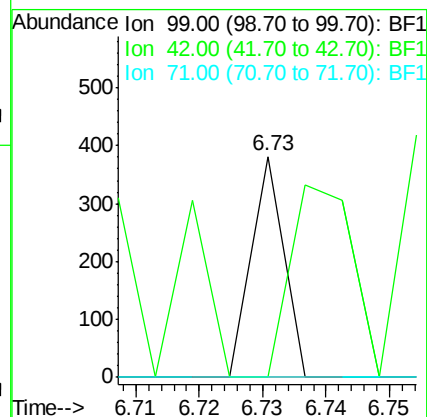
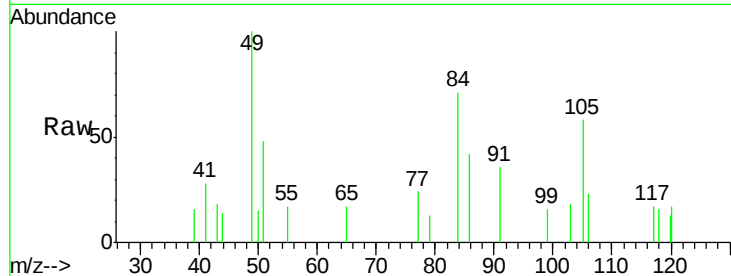
Tgt Ion: 99 Resp: 135

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

71 0.0 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107841.D

Acq: 31 Jul 2018 10:10

Tgt Ion: 136 Resp: 639666

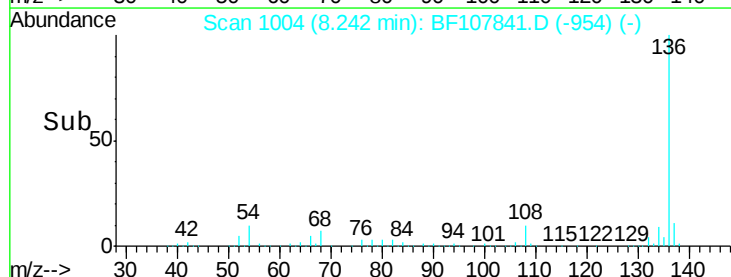
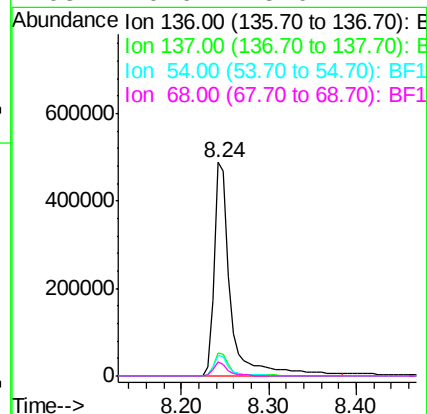
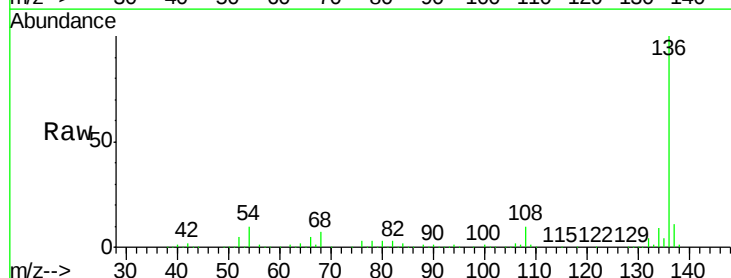
Ion Ratio Lower Upper

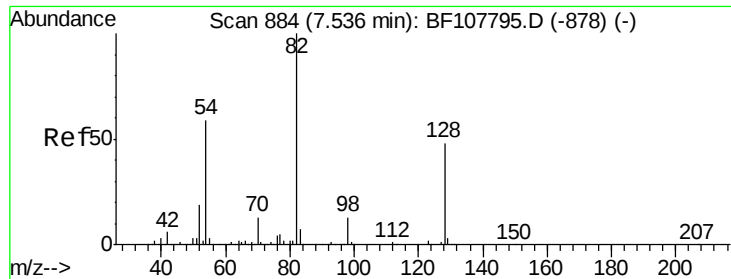
136 100

137 10.9 8.9 13.3

54 9.6 6.6 9.8

68 6.6 5.0 7.4

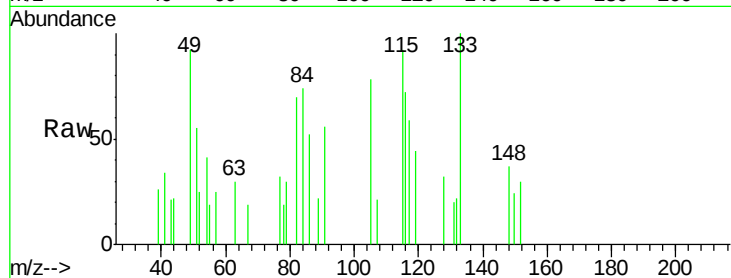




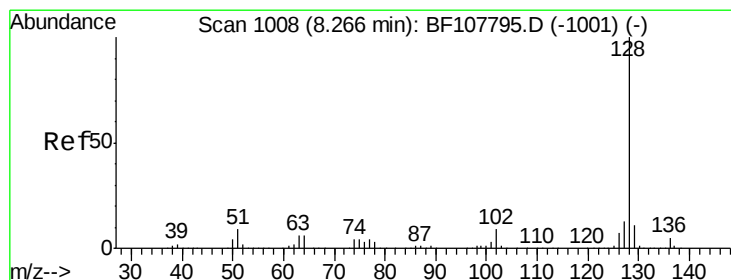
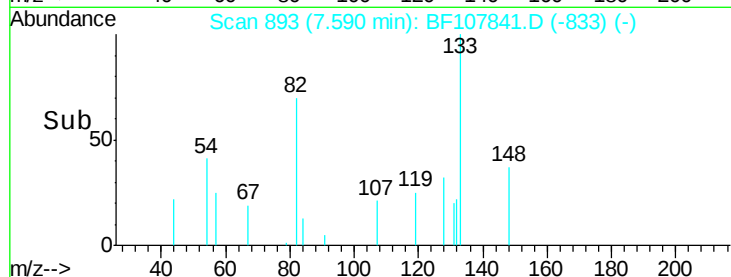
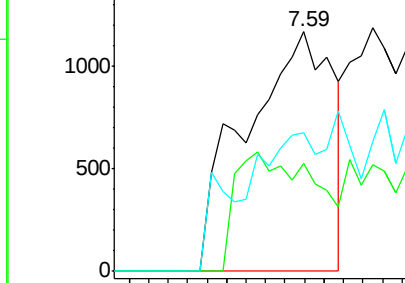
#23
Nitrobenzene-d5
Concen: 0.325 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.05 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

Tgt Ion: 82 Resp: 3609
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 58.1 41.4 62.2

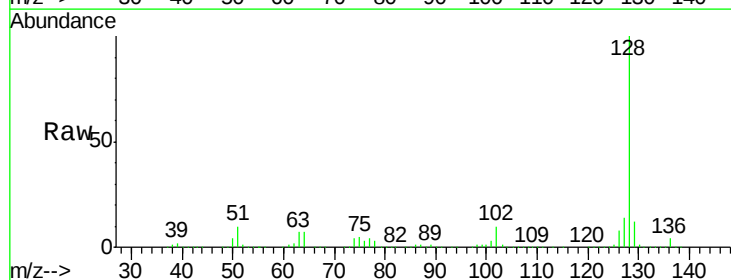


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

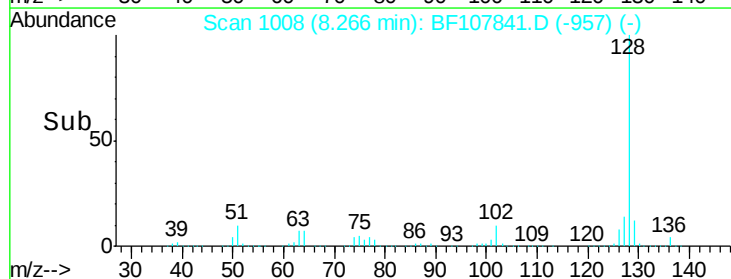
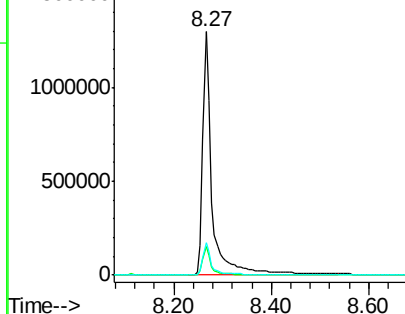


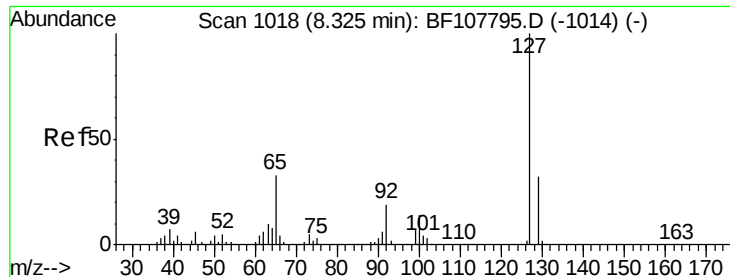
#31
Naphthalene
Concen: 58.702 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Tgt Ion: 128 Resp: 1745476
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

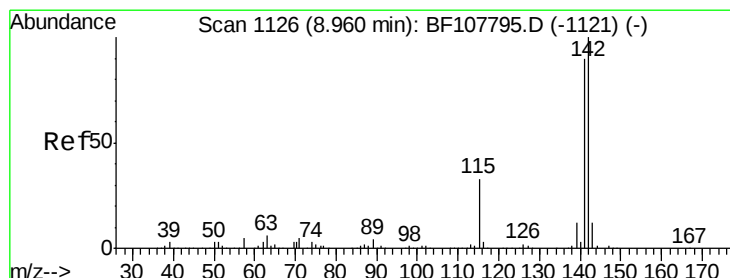
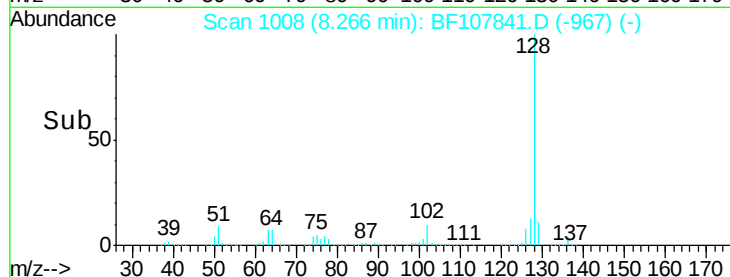
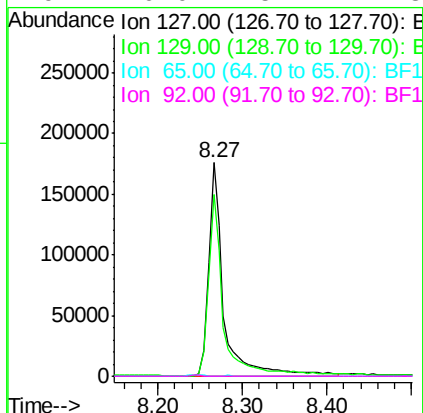
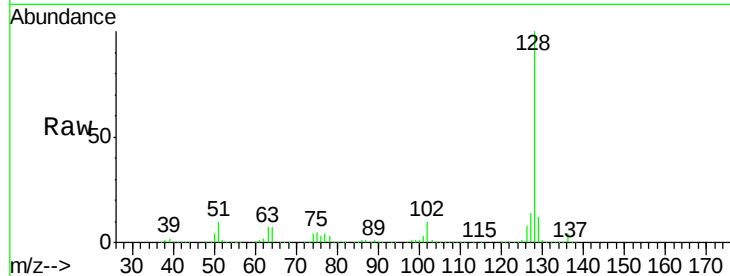




#33
4-Chloroaniline
Concen: 17.468 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

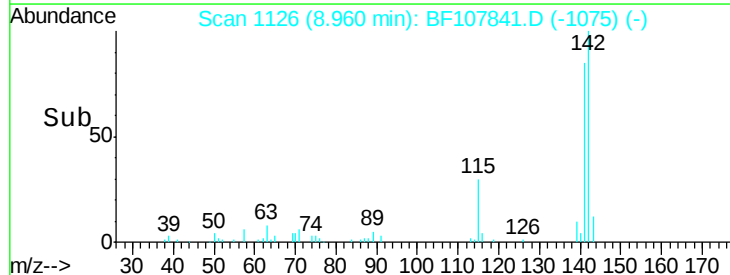
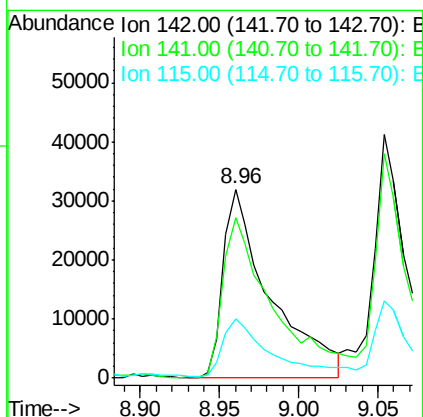
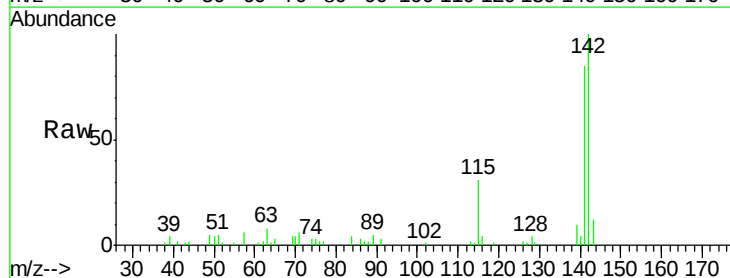
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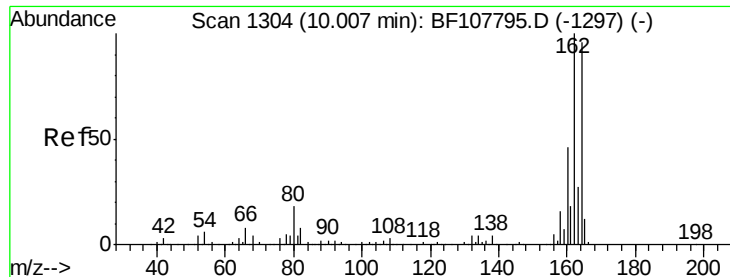
Tgt Ion:	127	Resp:	221861
Ion	Ratio	Lower	Upper
127	100		
129	85.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 3.529 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Tgt Ion:	142	Resp:	65912
Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.8	106.2
115	31.3	26.1	39.1

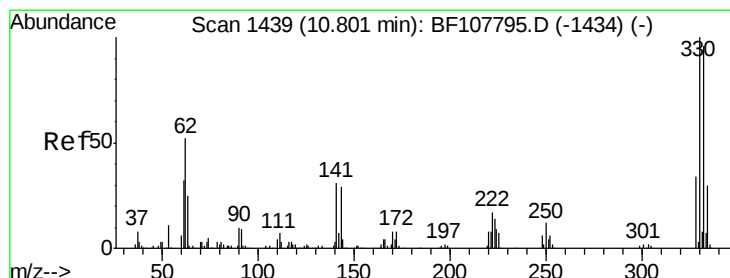
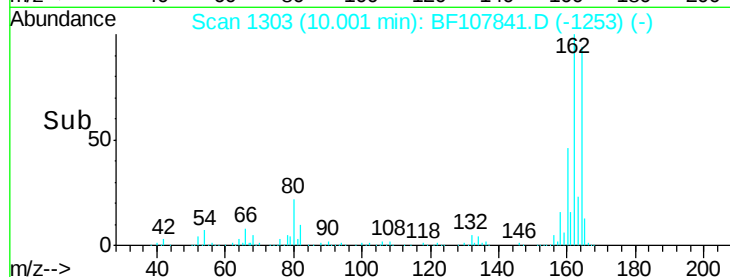
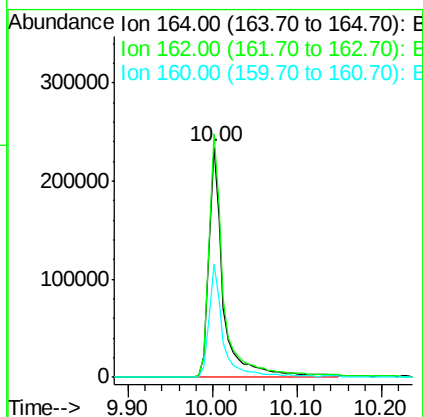
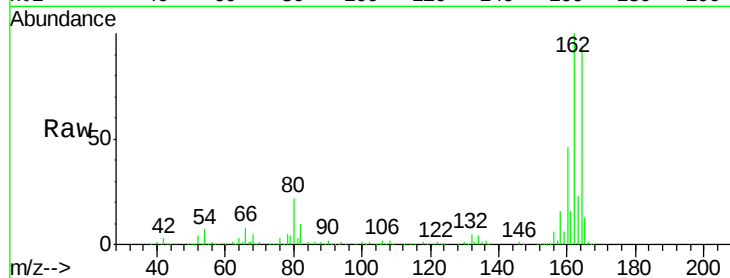




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

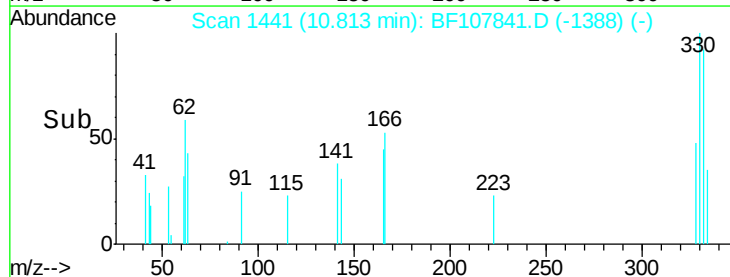
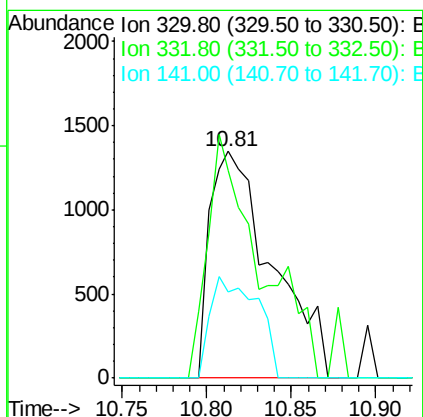
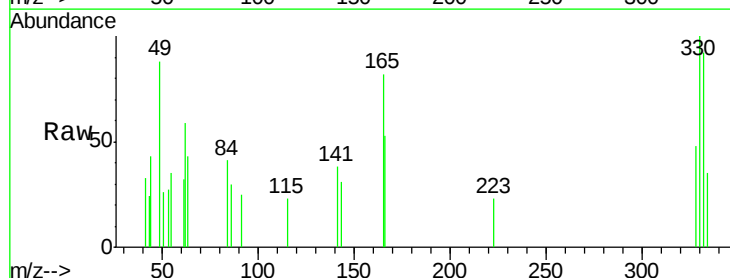
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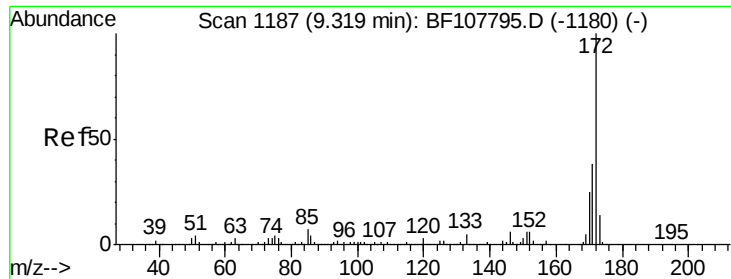
Tgt Ion:164 Resp: 286022
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 49.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 0.886 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Tgt Ion:330 Resp: 3445
Ion Ratio Lower Upper
330 100
332 71.2 77.0 115.6#
141 33.9 29.9 44.9

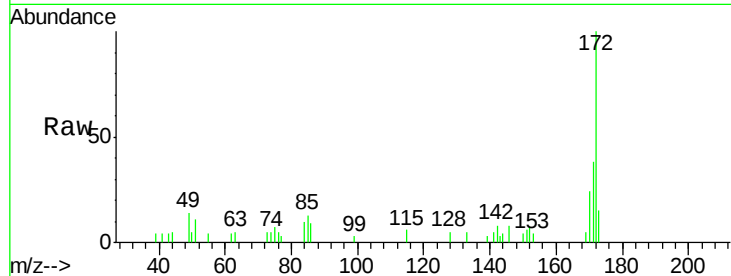




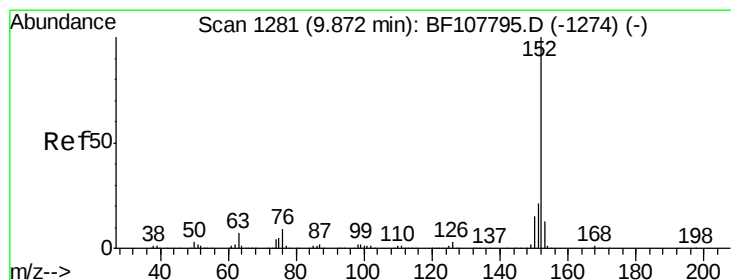
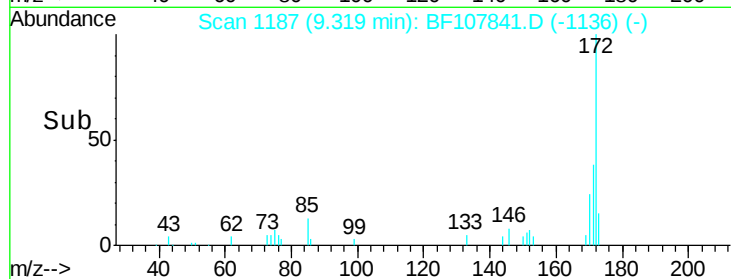
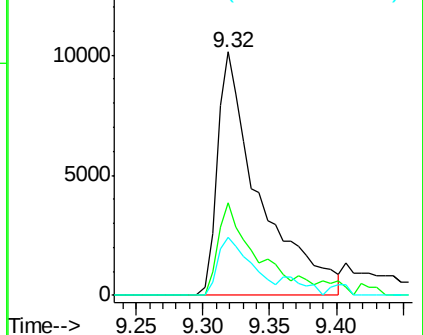
#44
 2-Fluorobiphenyl
 Concen: 1.085 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107841.D
 Acq: 31 Jul 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion:172 Resp: 22264
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.7 44.5
 170 23.8 19.6 29.4

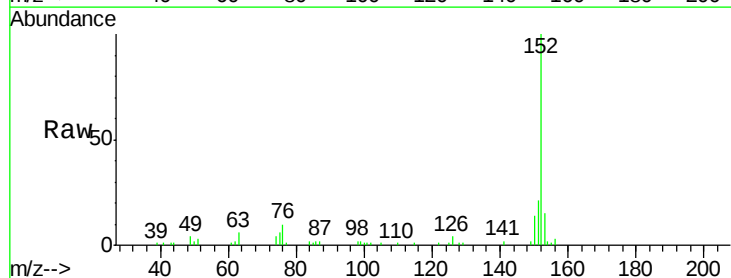


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

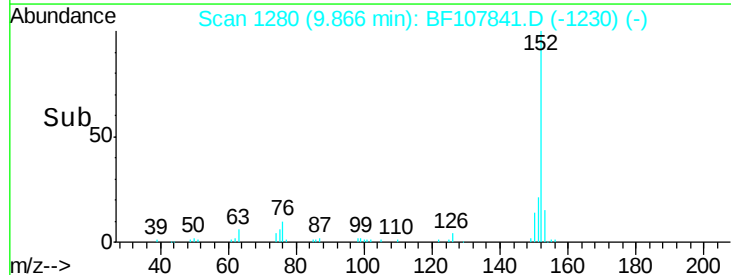
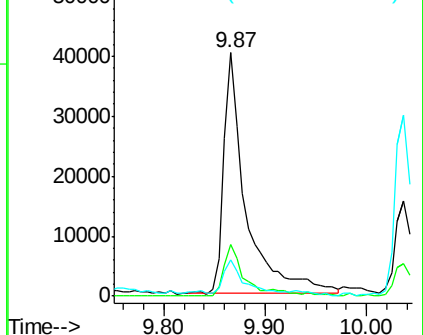


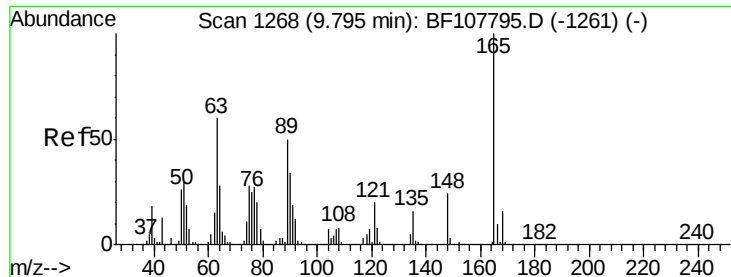
#48
 Acenaphthylene
 Concen: 2.033 ng
 RT: 9.87 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF107841.D
 Acq: 31 Jul 2018 10:10

Tgt Ion:152 Resp: 61855
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 14.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

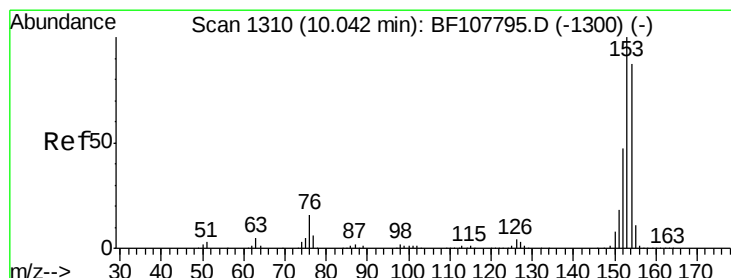
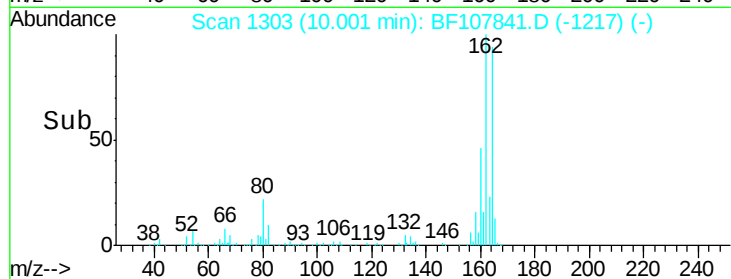
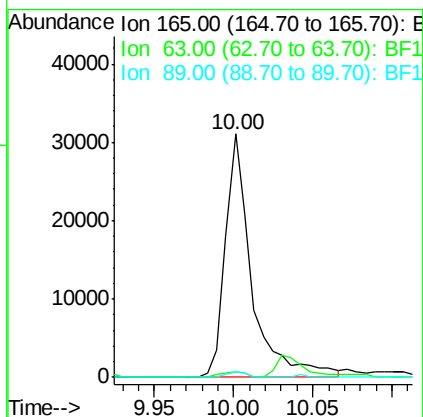
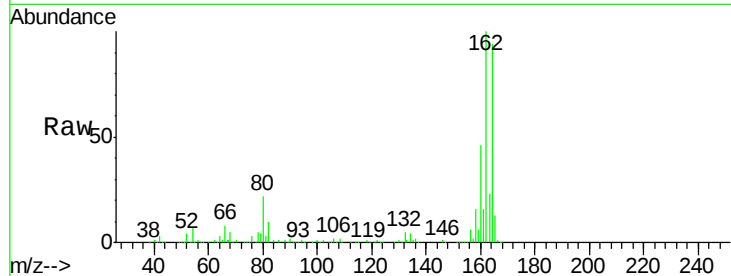




#50
2,6-Dinitrotoluene
Concen: 7.670 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

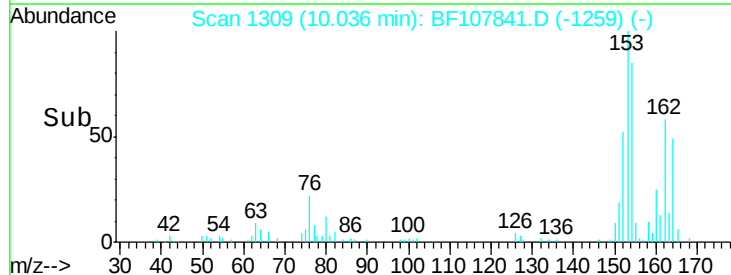
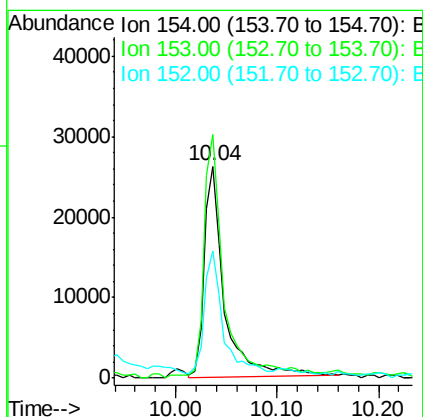
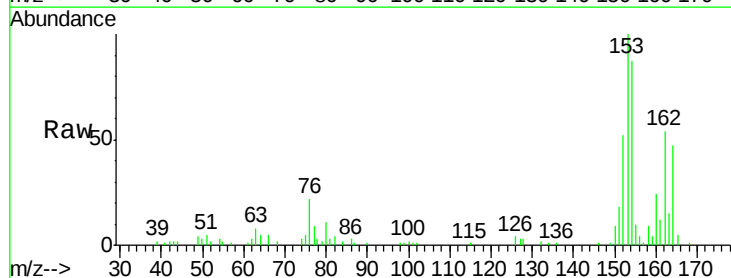
Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

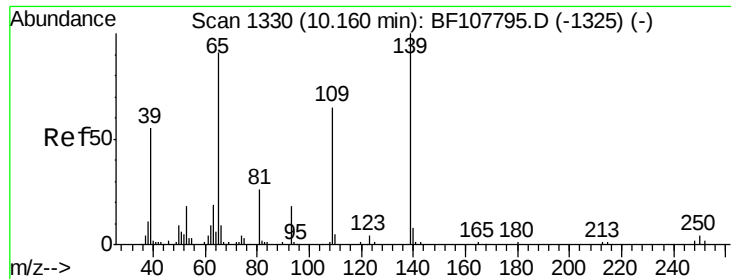
Tgt Ion:165 Resp: 35806
Ion Ratio Lower Upper
165 100
63 2.2 44.7 67.1#
89 2.5 44.0 66.0#



#51
Acenaphthene
Concen: 2.025 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Tgt Ion:154 Resp: 35794
Ion Ratio Lower Upper
154 100
153 114.9 91.2 136.8
152 60.1 43.8 65.8

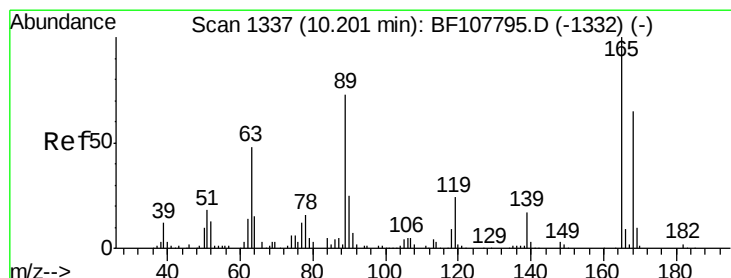
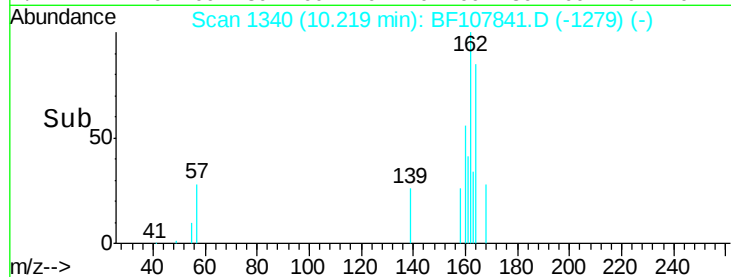
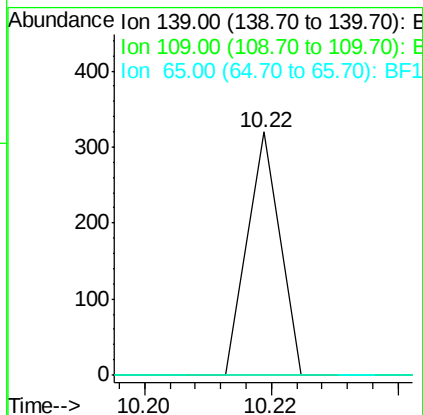
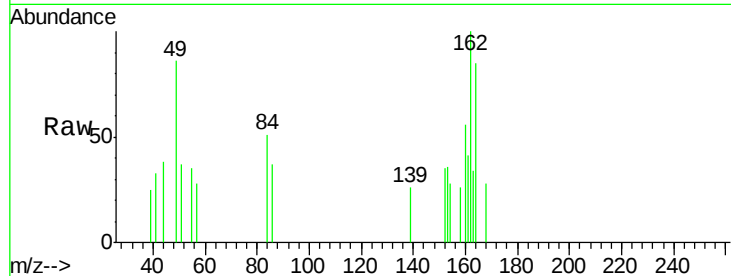




#55
4-Nitrophenol
Concen: 9.349 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

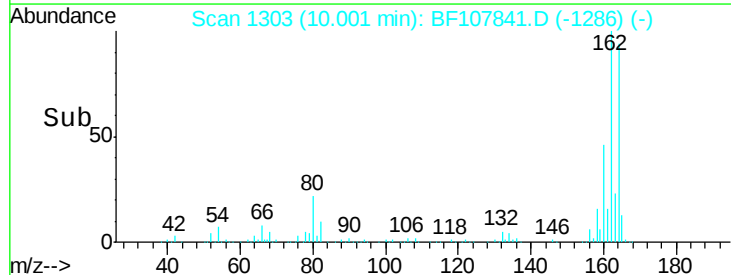
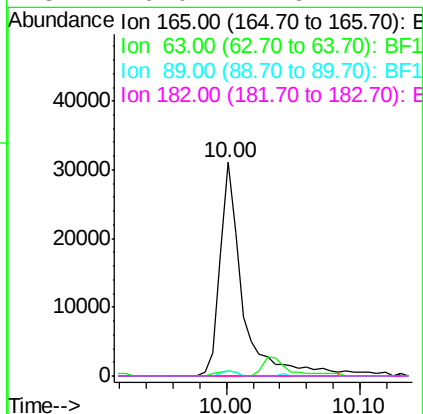
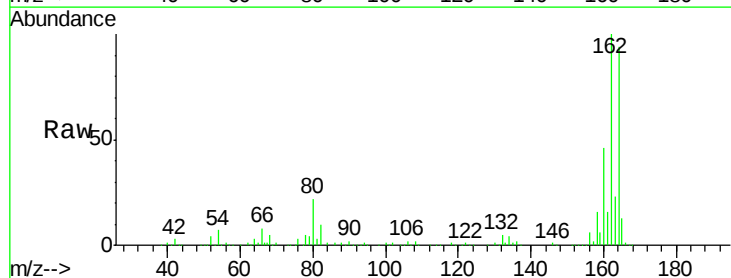
Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

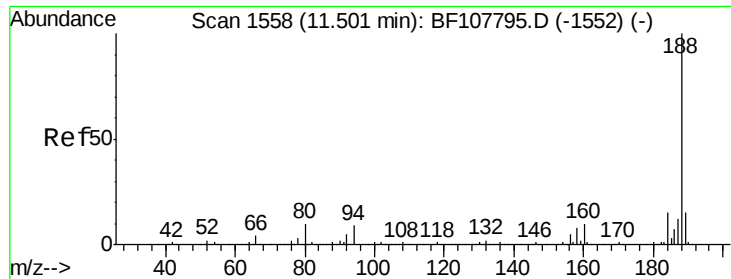
Tgt Ion:139 Resp: 113
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 5.969 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Tgt Ion:165 Resp: 36626
Ion Ratio Lower Upper
165 100
63 2.2 36.4 54.6#
89 2.5 57.8 86.6#
182 0.0 1.6 2.4#

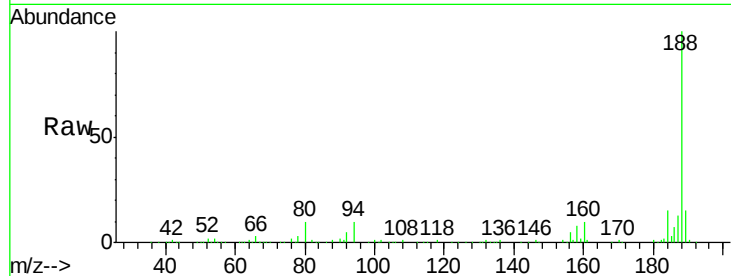




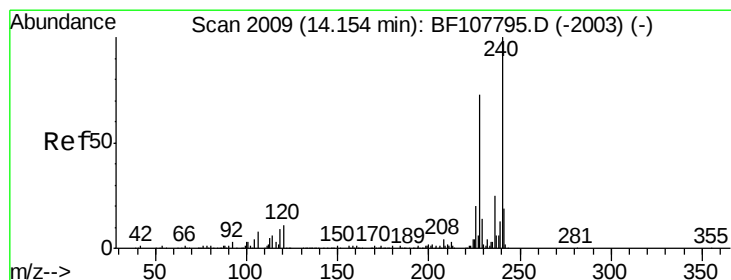
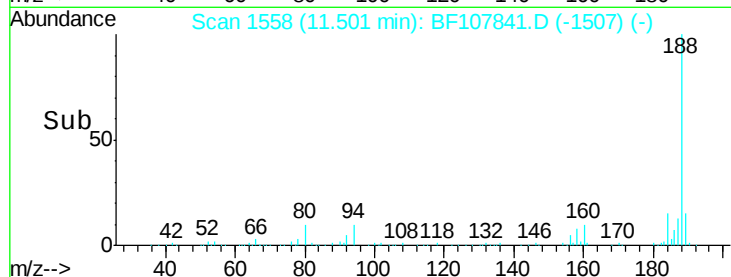
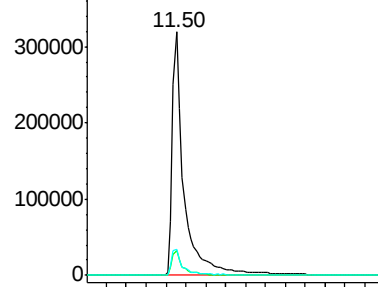
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

Tgt Ion:188 Resp: 529250
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.5 9.2 13.8

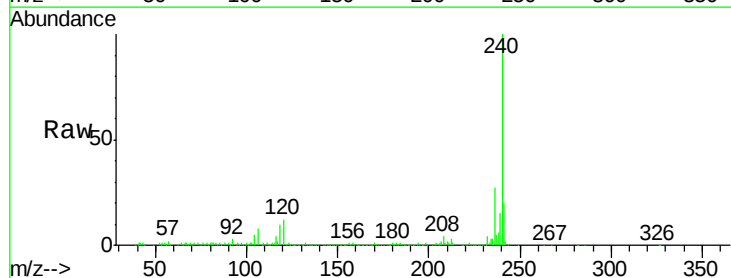


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

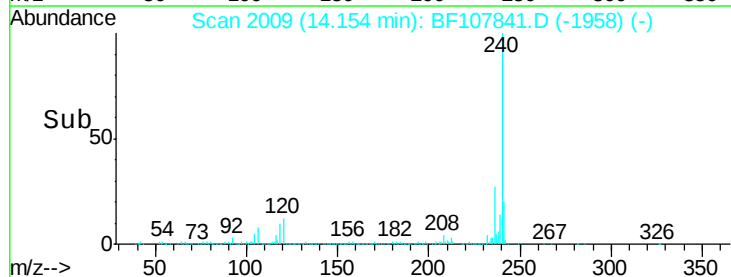
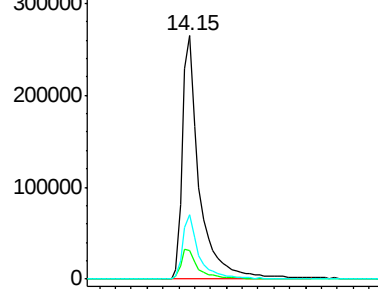


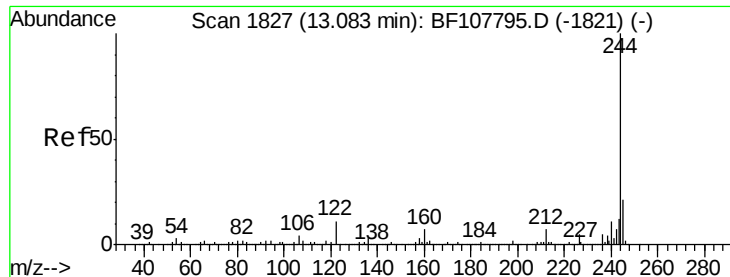
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107841.D
Acq: 31 Jul 2018 10:10

Tgt Ion:240 Resp: 394464
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 26.7 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

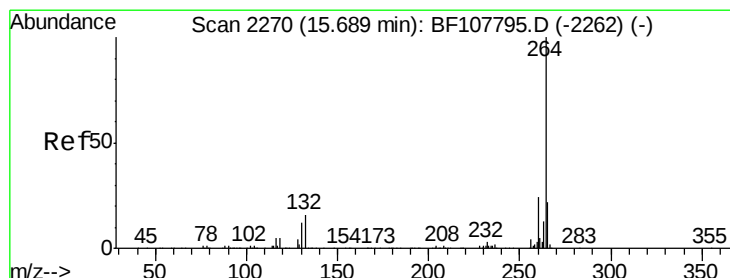
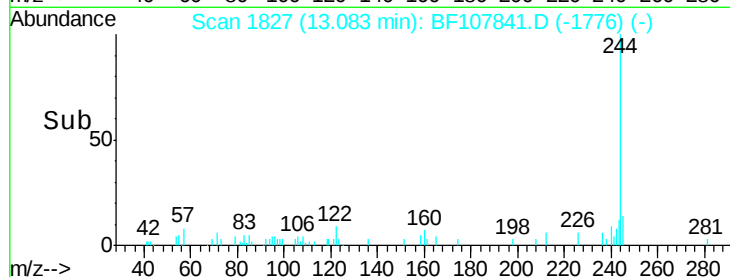
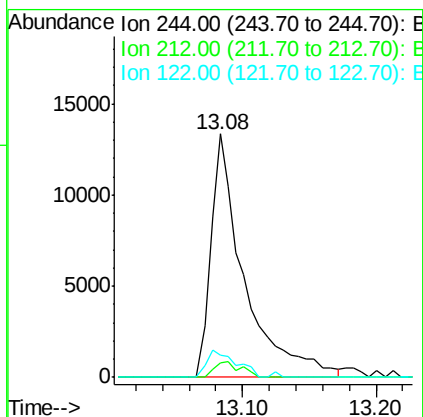
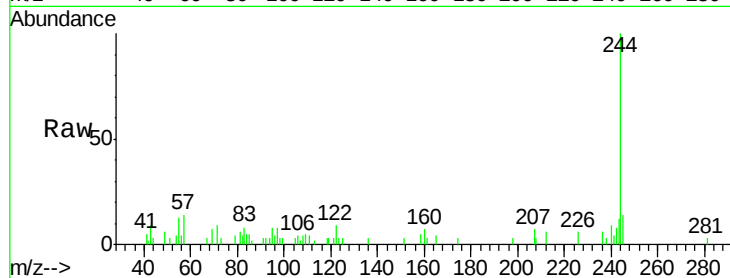




#78
 Terphenyl-d14
 Concen: 1.276 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF107841.D
 Acq: 31 Jul 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion:244 Resp: 23221
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.4 8.0
 122 9.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF107841.D
 Acq: 31 Jul 2018 10:10

Tgt Ion:264 Resp: 394380
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.6 17.5 26.3

