

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106325.D
 Acq On : 12 Jun 2018 5:57
 Operator : JU/SJ
 Sample : J3311-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Jun 12 08:04:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189132	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	623272	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	329688	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	450210	20.00	ng	0.00
75) Chrysene-d12	14.14	240	484755	20.00	ng	-0.02
86) Perylene-d12	15.67	264	378203	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	616215	55.14	ng	0.00
7) Phenol-d6	6.58	99	503288	35.65	ng	0.00
23) Nitrobenzene-d5	7.54	82	917110	86.56	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	347887	109.67	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1477464	77.30	ng	0.00
78) Terphenyl-d14	13.08	244	1390507	71.25	ng	0.00

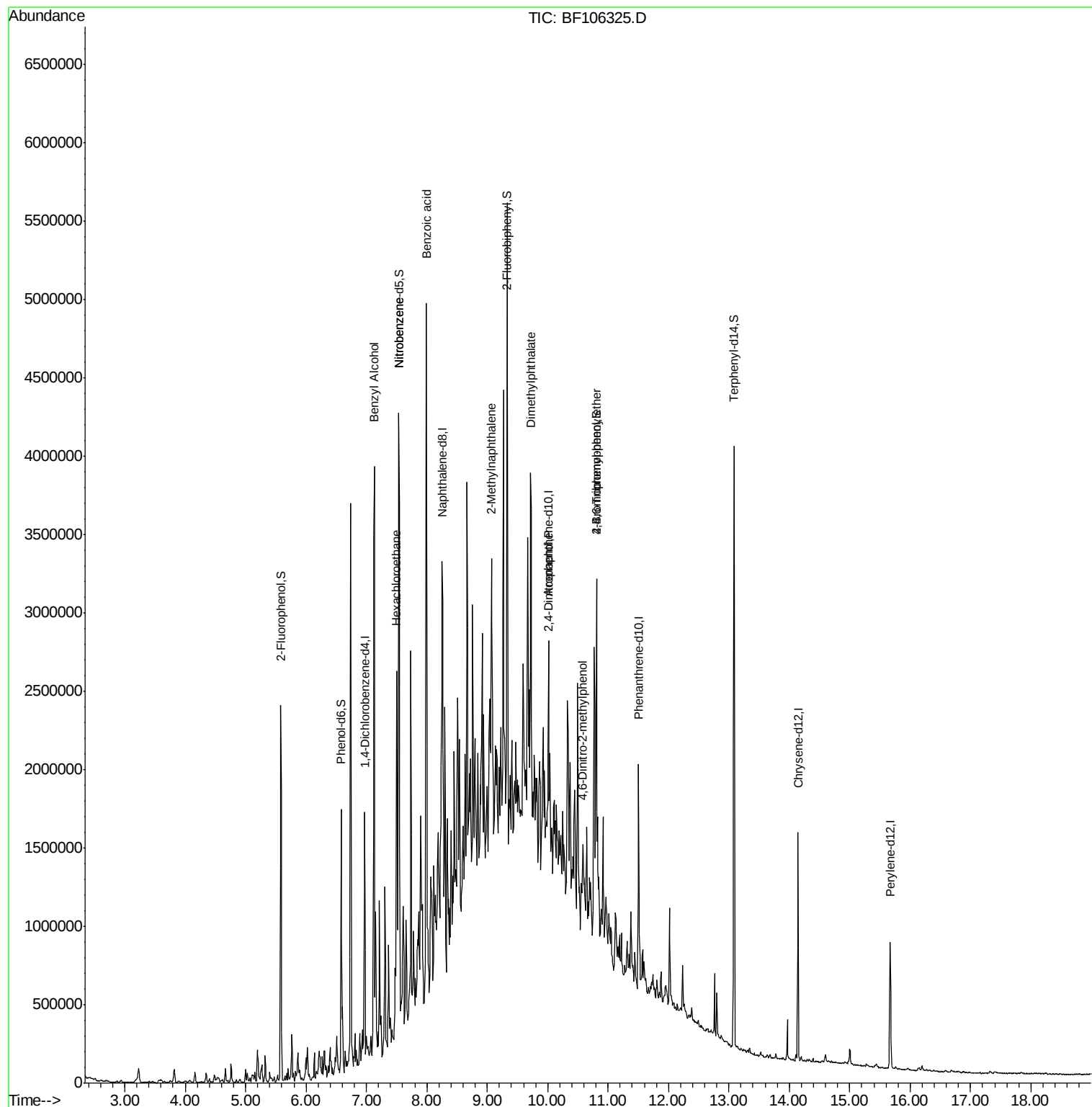
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.12	79	25516	2.110	ng	# 30
18) Hexachloroethane	7.50	117	109941	21.498	ng	# 1
24) Nitrobenzene	7.54	77	43398	3.769	ng	# 11
32) Benzoic acid	7.99	122	949	7.413	ng	# 1
37) 2-Methylnaphthalene	9.07	142	254065	13.239	ng	# 85
49) Dimethylphthalate	9.72	163	63254	2.685	ng	# 3
53) 2,4-Dinitrophenol	10.02	184	407	8.778	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.58	198	915	6.622	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	22548	4.403	ng	# 1

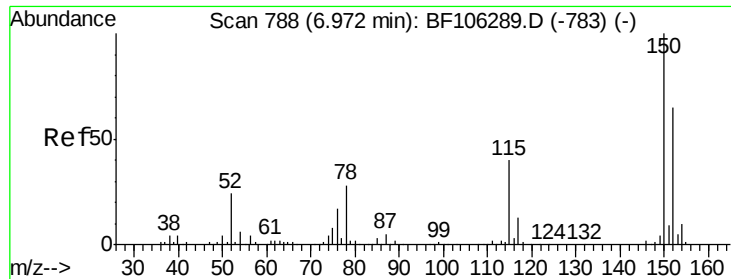
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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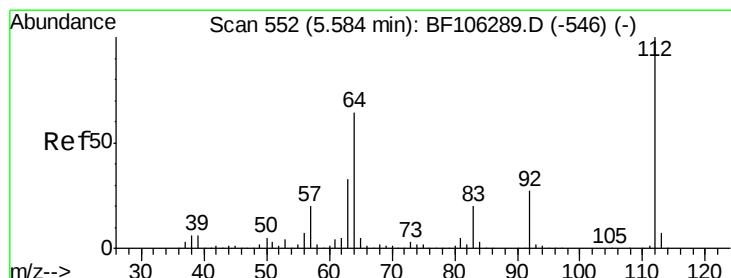
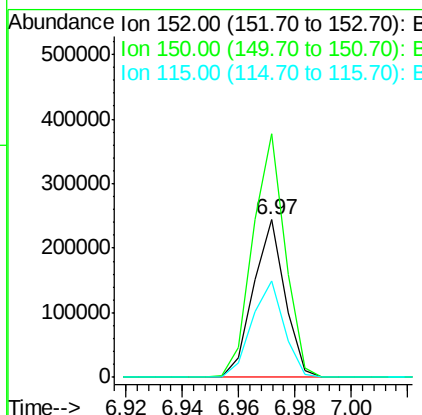
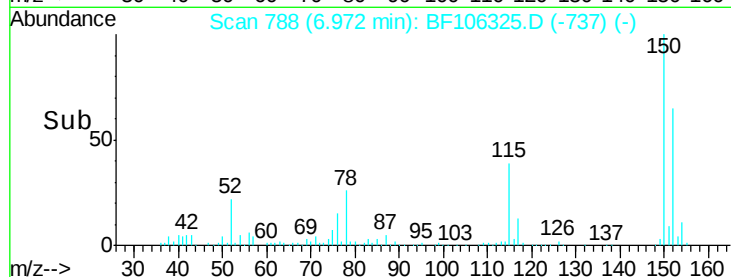
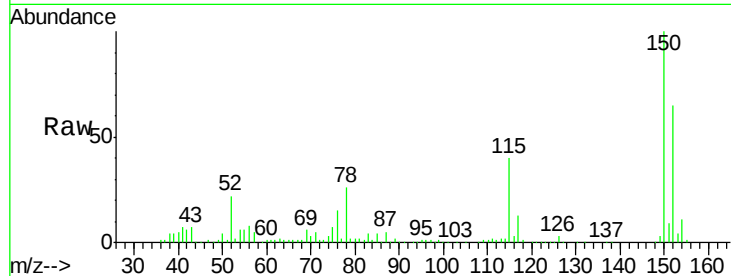




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106325.D
 Acq: 12 Jun 2018 5:57

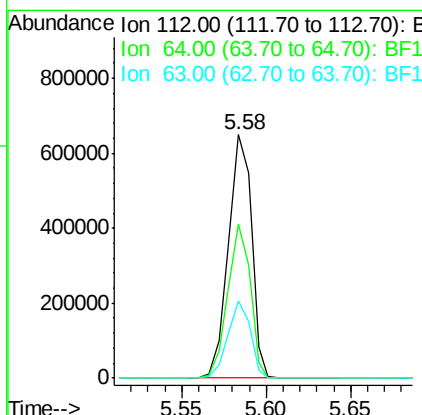
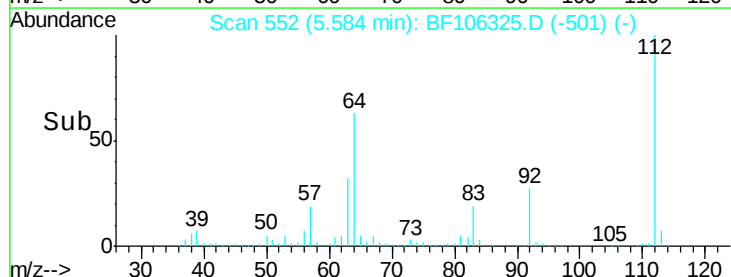
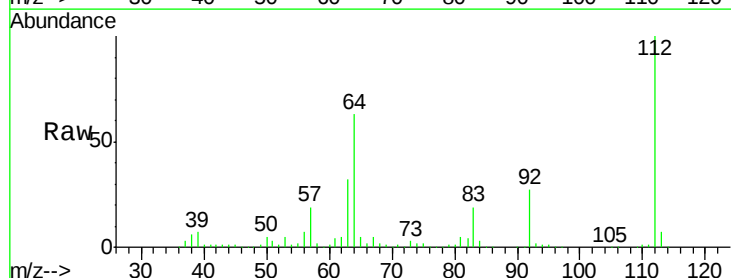
Instrument :
 BNA_F
 ClientSampled :
 MW-03

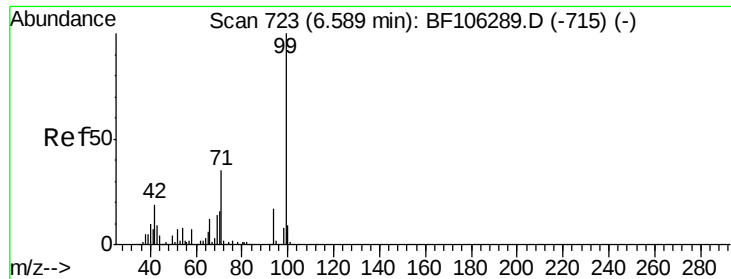
Tgt Ion:152 Resp: 189132
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 61.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 55.144 ng
 RT: 5.58 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF106325.D
 Acq: 12 Jun 2018 5:57

Tgt Ion:112 Resp: 616215
 Ion Ratio Lower Upper
 112 100
 64 63.2 47.9 71.9
 63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 35.648 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-03

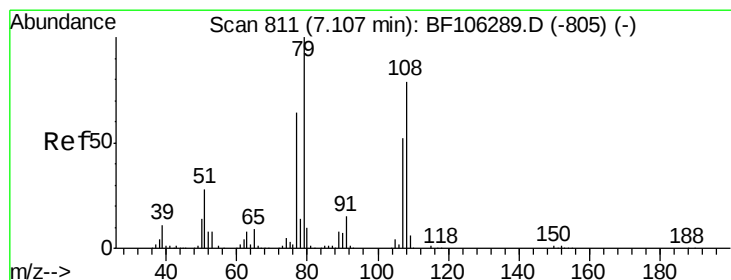
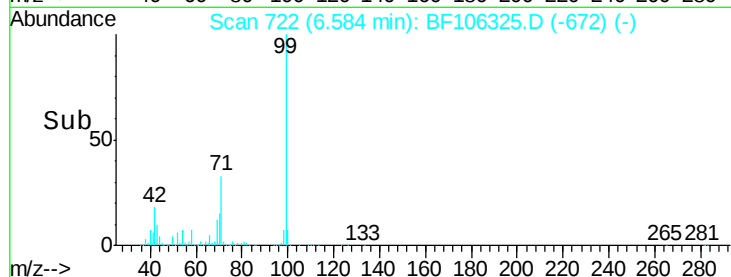
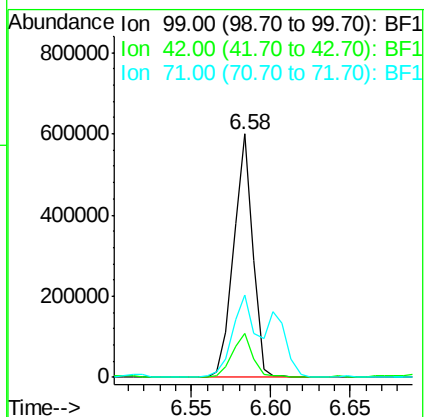
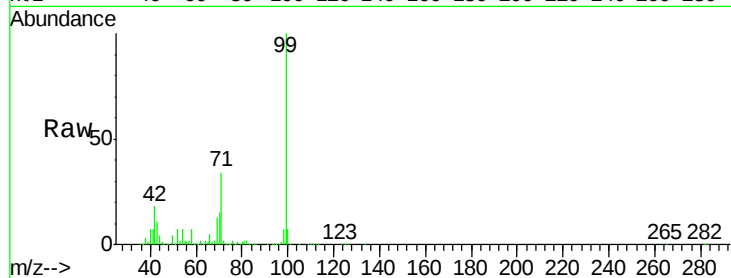
Tgt Ion: 99 Resp: 503288

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 33.7 25.4 38.0



#15

Benzyl Alcohol

Concen: 2.110 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.02 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

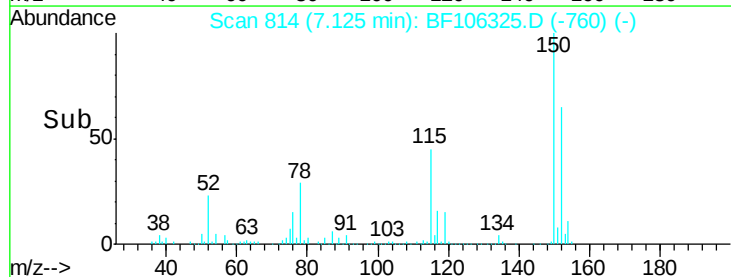
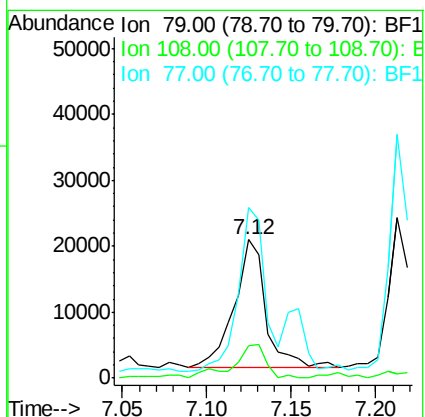
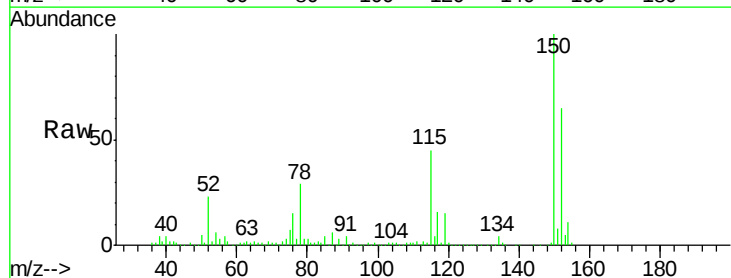
Tgt Ion: 79 Resp: 25516

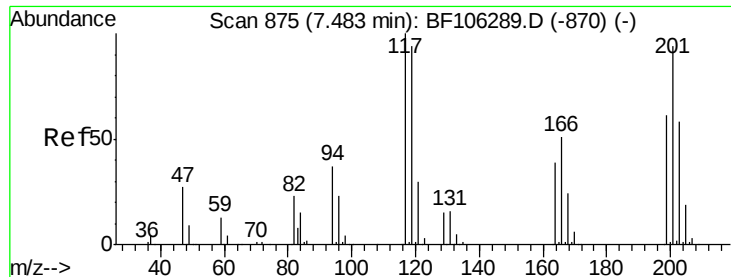
Ion Ratio Lower Upper

79 100

108 23.6 65.1 97.7#

77 122.9 50.6 75.8#

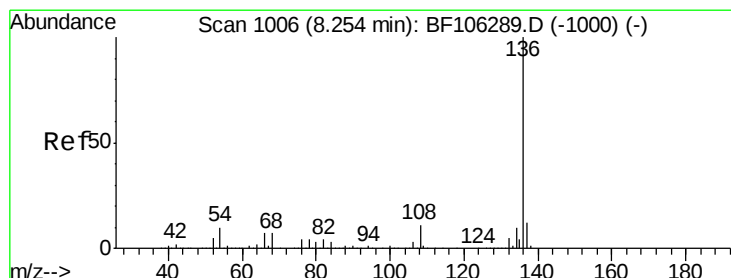
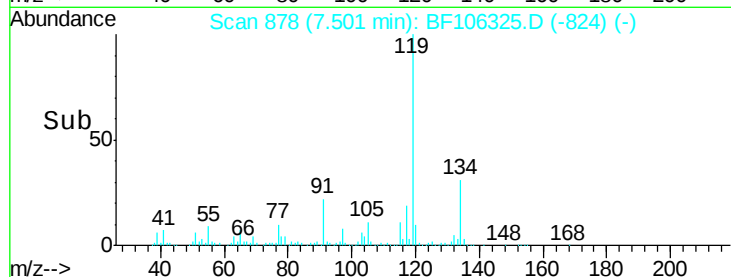
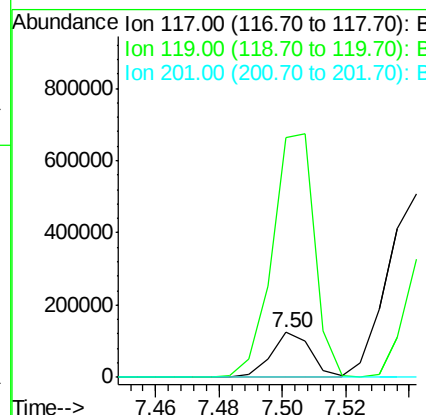
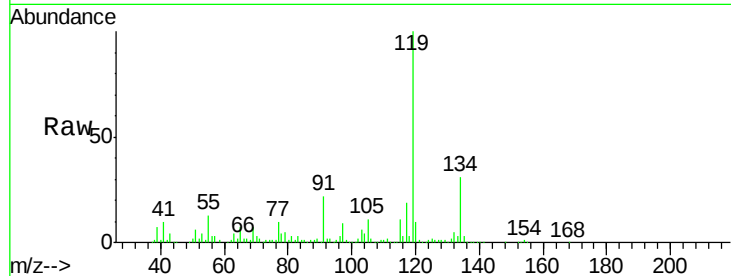




#18
Hexachloroethane
Concen: 21.498 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF106325.D
Acq: 12 Jun 2018 5:57

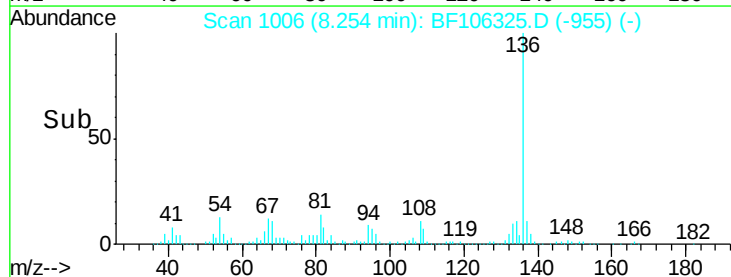
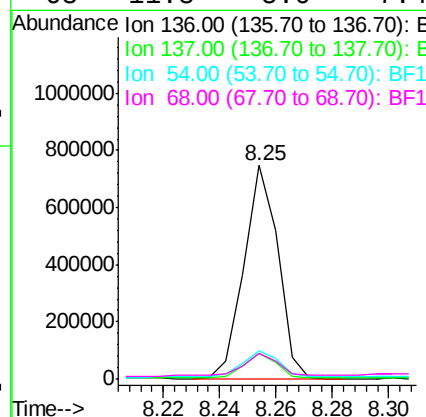
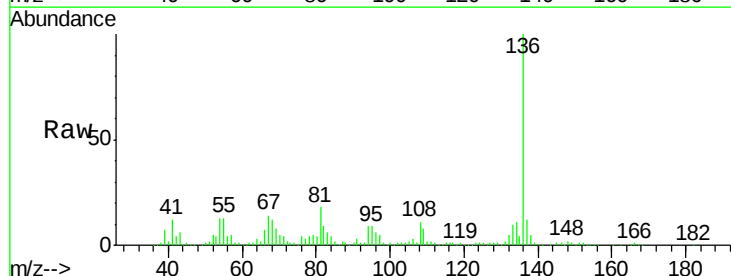
Instrument :
BNA_F
ClientSampleId :
MW-03

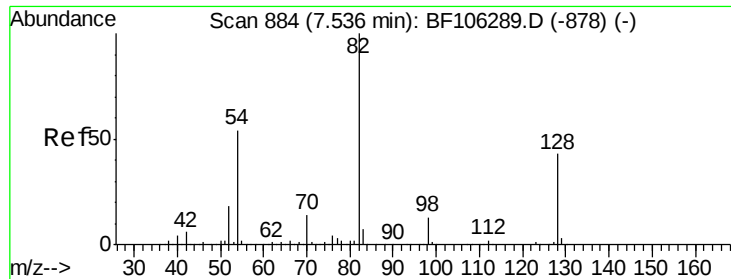
Tgt Ion:117 Resp: 109941
Ion Ratio Lower Upper
117 100
119 534.9 75.8 113.8#
201 0.0 75.7 113.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106325.D
Acq: 12 Jun 2018 5:57

Tgt Ion:136 Resp: 623272
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 13.4 6.6 9.8#
68 11.8 5.0 7.4#

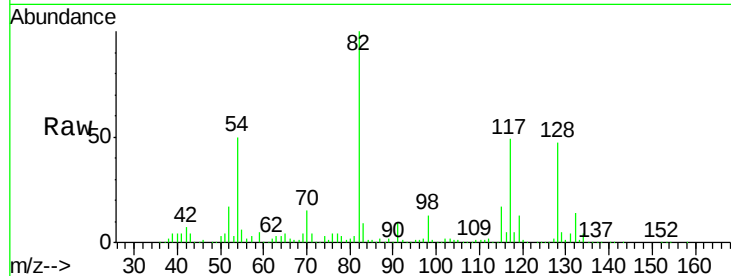




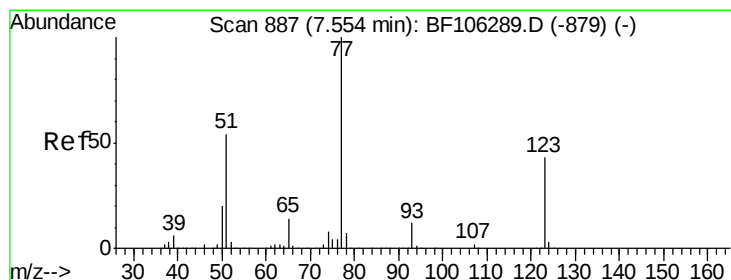
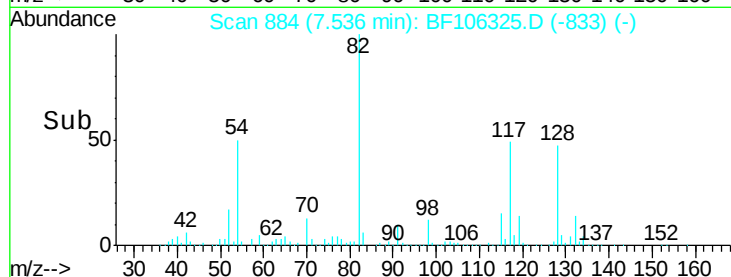
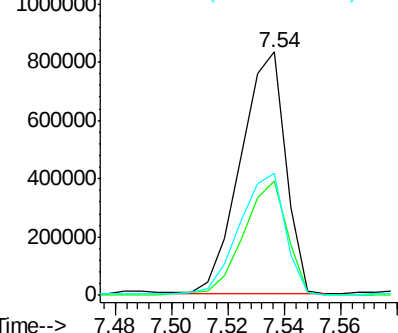
#23
 Nitrobenzene-d5
 Concen: 86.563 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106325.D
 Acq: 12 Jun 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tgt Ion: 82 Resp: 917110
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 50.0 41.4 62.2

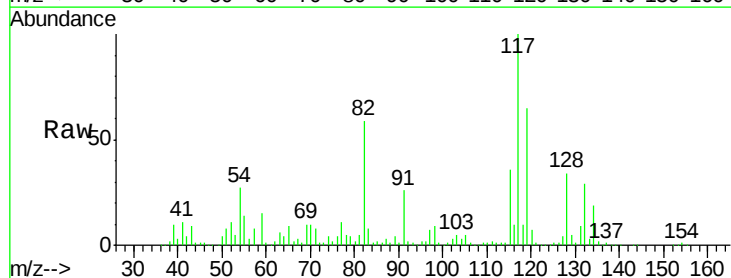


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

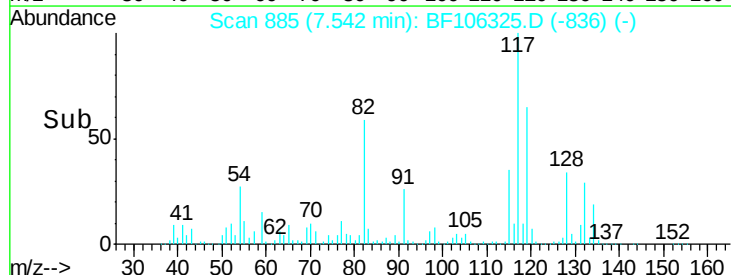
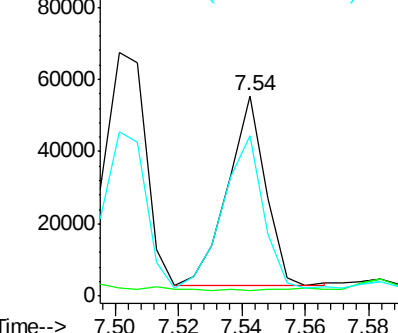


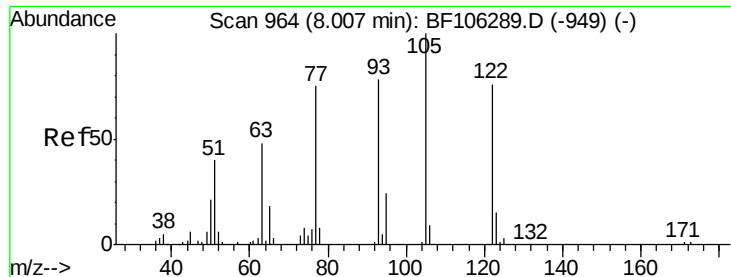
#24
 Nitrobenzene
 Concen: 3.769 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106325.D
 Acq: 12 Jun 2018 5:57

Tgt Ion: 77 Resp: 43398
 Ion Ratio Lower Upper
 77 100
 123 2.8 37.9 56.9#
 65 80.2 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#32

Benzoic acid

Concen: 7.413 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-03

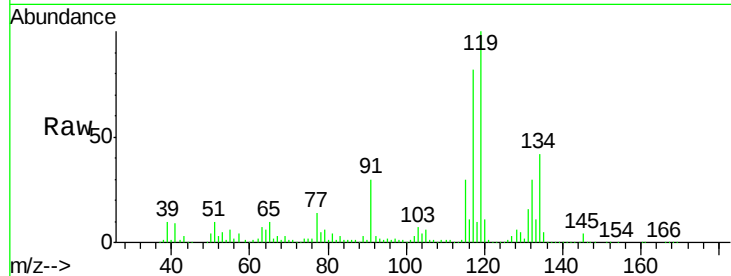
Tgt Ion:122 Resp: 949

Ion Ratio Lower Upper

122 100

105 3139.2 101.1 141.1#

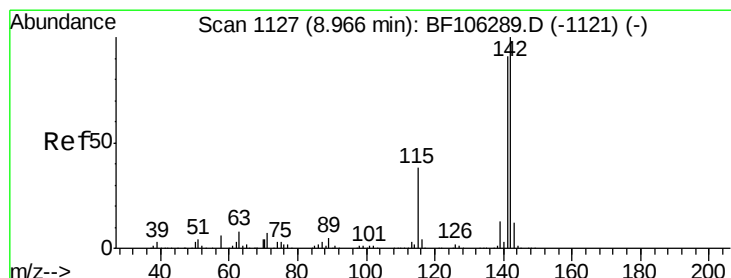
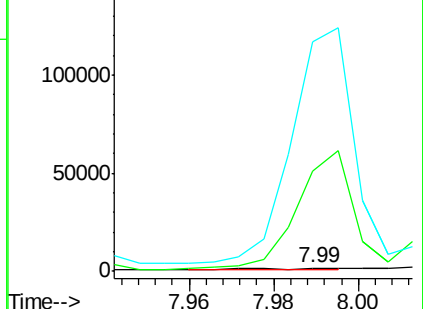
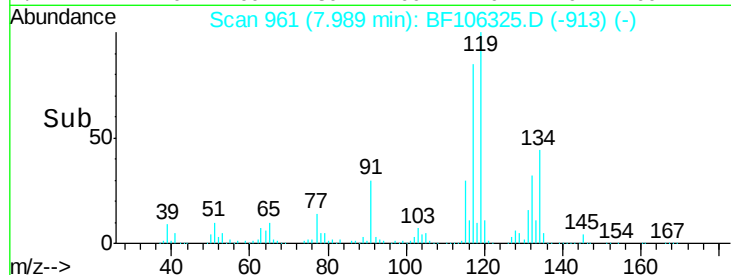
77 7203.0 70.7 110.7#



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



#37

2-Methylnaphthalene

Concen: 13.239 ng

RT: 9.07 min Scan# 1145

Delta R.T. 0.11 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

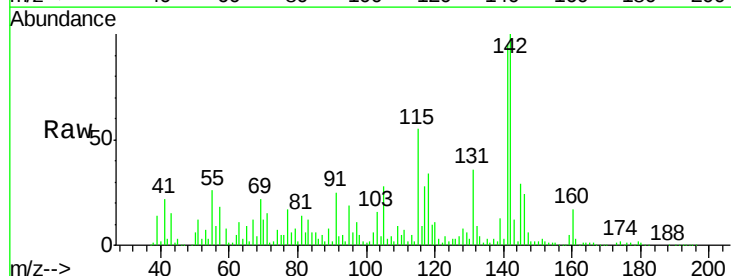
Tgt Ion:142 Resp: 254065

Ion Ratio Lower Upper

142 100

141 94.7 70.8 106.2

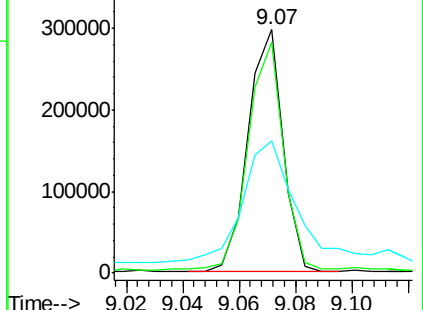
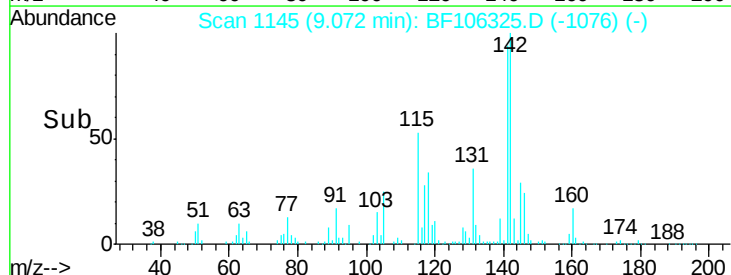
115 54.6 26.1 39.1#

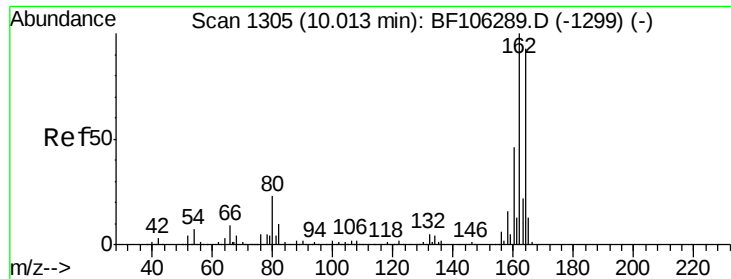


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

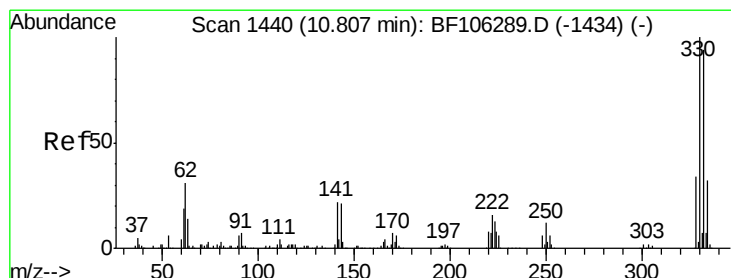
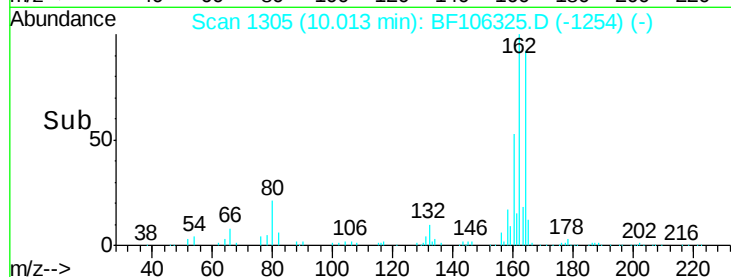
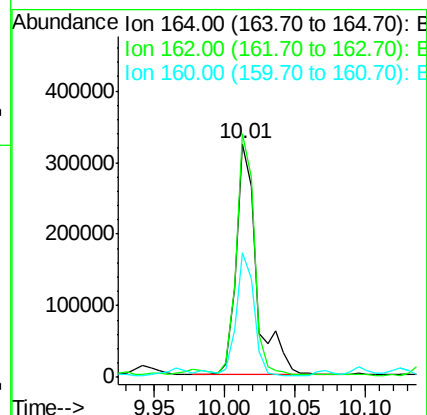
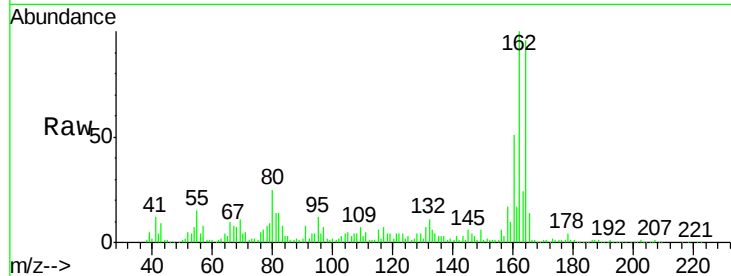




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106325.D
 Acq: 12 Jun 2018 5:57

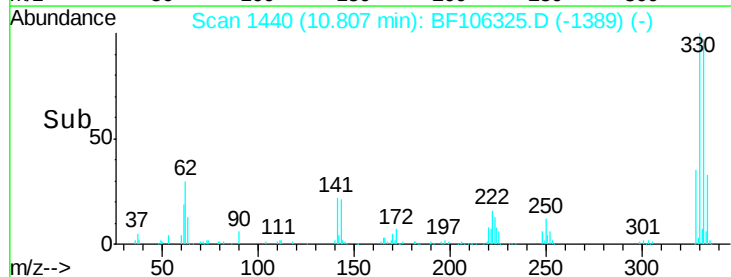
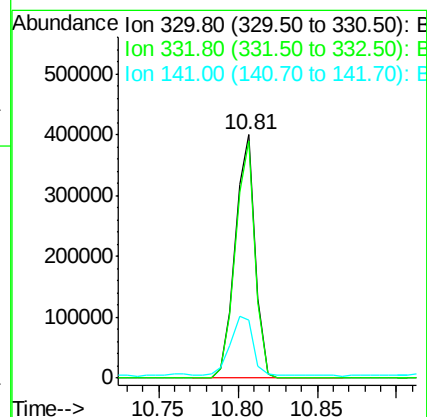
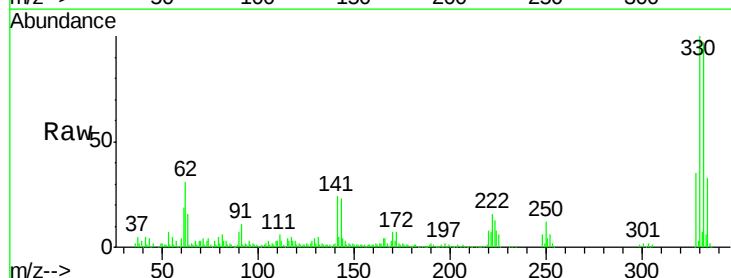
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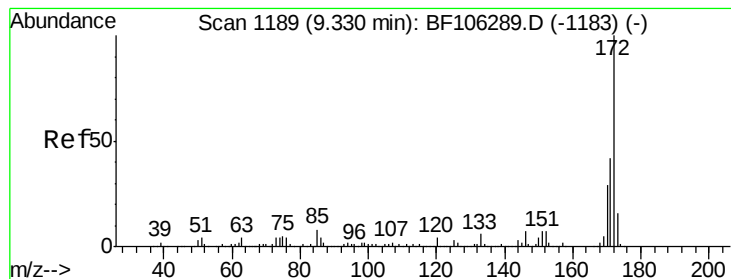
Tgt Ion:164 Resp: 329688
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 53.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 109.668 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106325.D
 Acq: 12 Jun 2018 5:57

Tgt Ion:330 Resp: 347887
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 27.8 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 77.296 ng

RT: 9.33 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-03

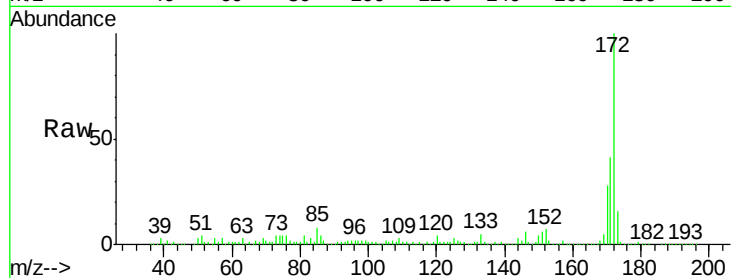
Tgt Ion:172 Resp: 1477464

Ion Ratio Lower Upper

172 100

171 40.7 29.7 44.5

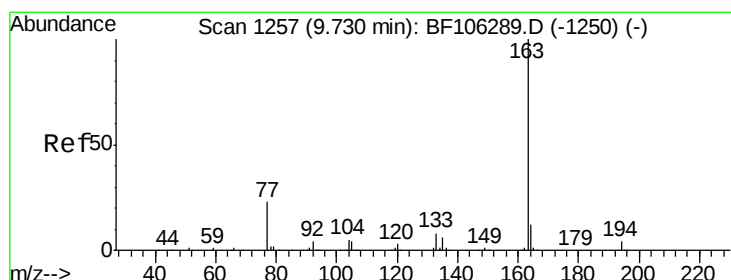
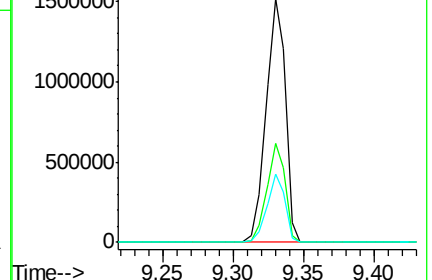
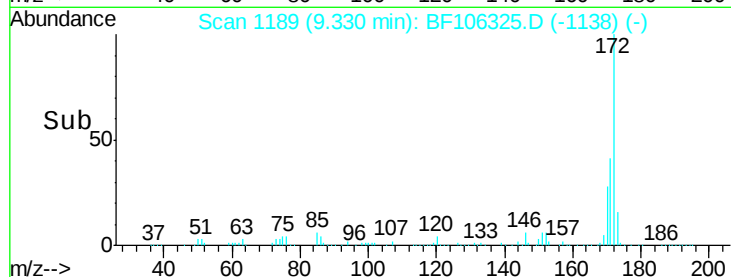
170 27.9 19.6 29.4



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



#49

Dimethylphthalate

Concen: 2.685 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

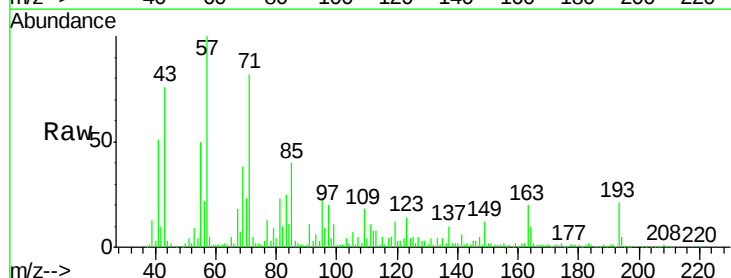
Tgt Ion:163 Resp: 63254

Ion Ratio Lower Upper

163 100

194 23.1 2.7 4.1#

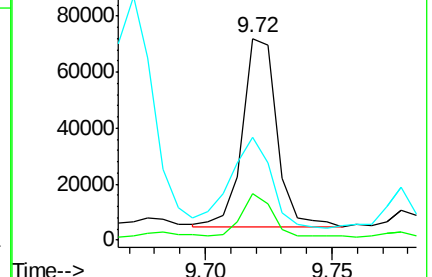
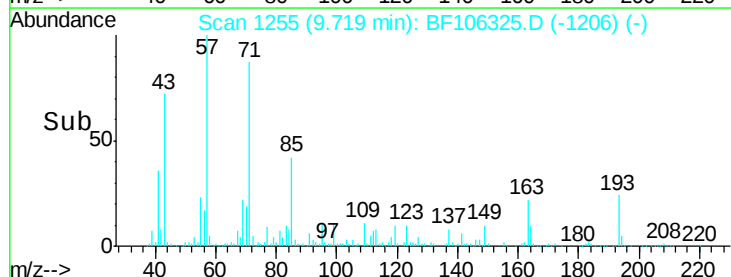
164 50.9 8.2 12.2#

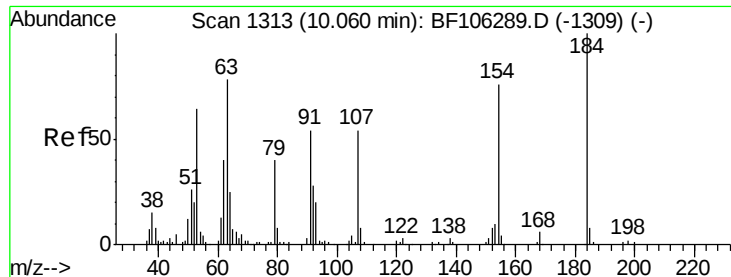


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

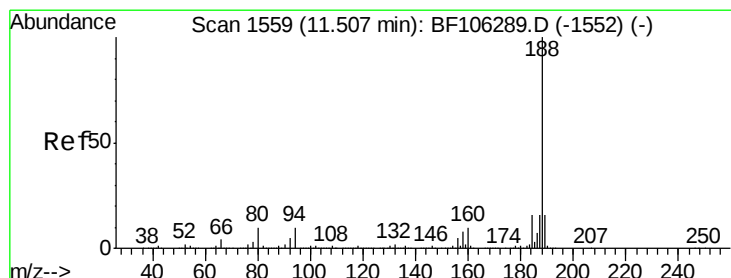
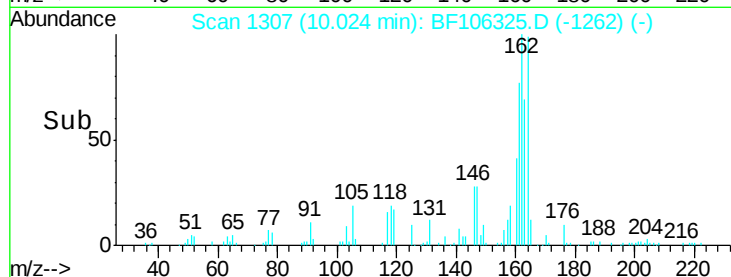
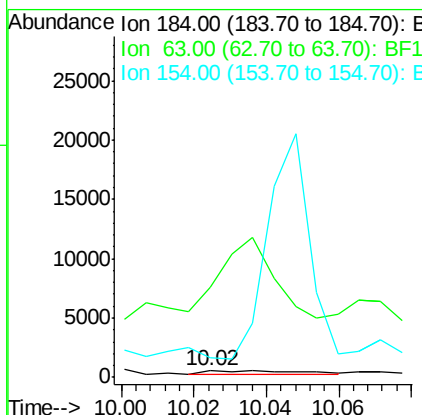
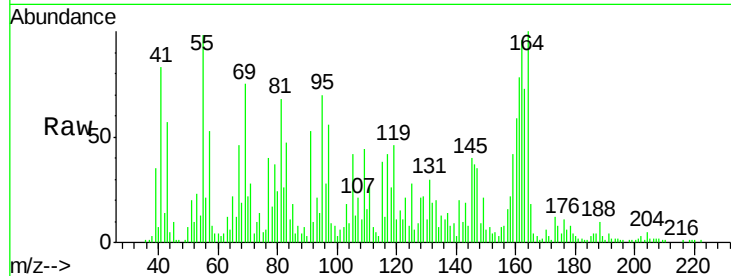




#53
 2,4-Dinitrophenol
 Concen: 8.778 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BF106325.D
 Acq: 12 Jun 2018 5:57

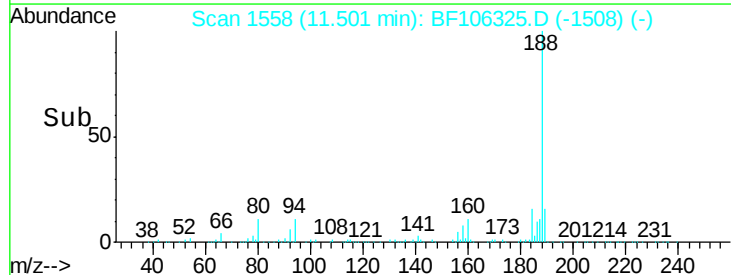
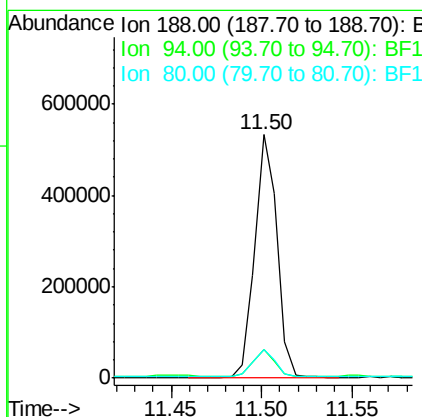
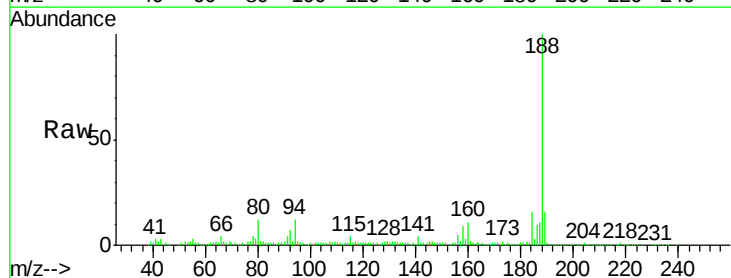
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

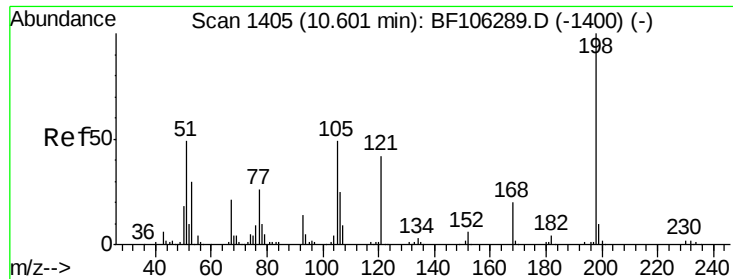
Tgt Ion:184 Resp: 407
 Ion Ratio Lower Upper
 184 100
 63 1375.2 54.2 81.2#
 154 306.6 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF106325.D
 Acq: 12 Jun 2018 5:57

Tgt Ion:188 Resp: 450210
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 11.9 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.622 ng

RT: 10.58 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-03

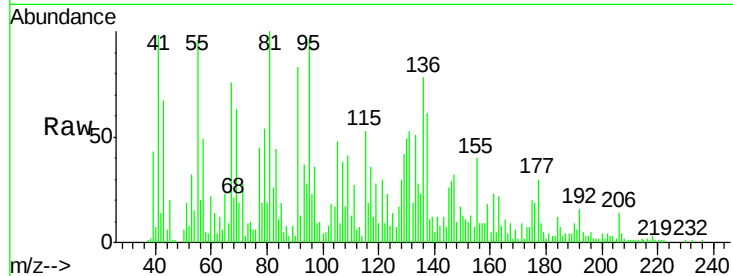
Tgt Ion:198 Resp: 915

Ion Ratio Lower Upper

198 100

51 800.8 37.7 77.7#

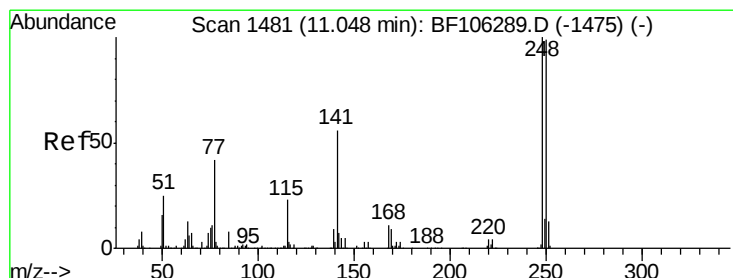
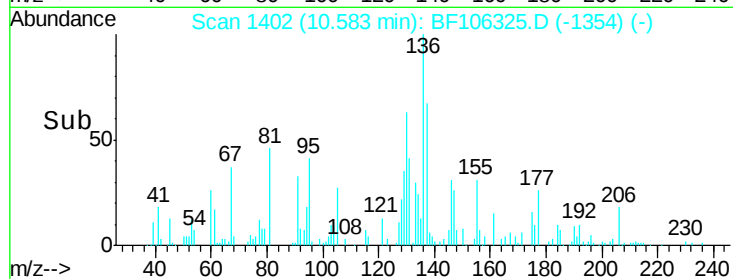
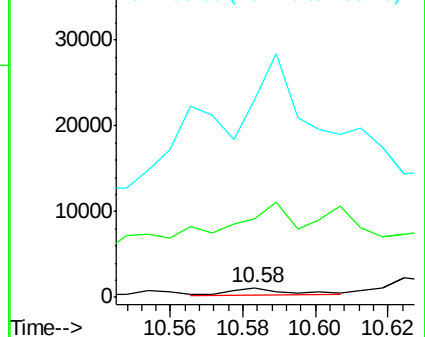
105 2010.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.403 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

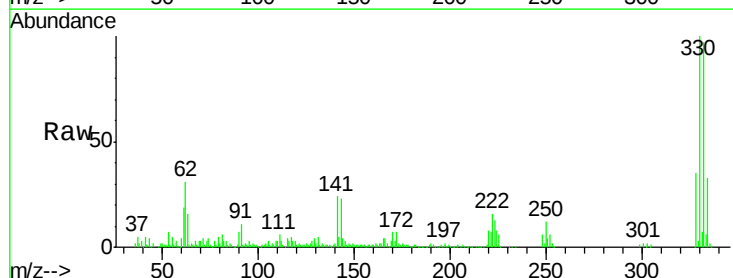
Tgt Ion:248 Resp: 22548

Ion Ratio Lower Upper

248 100

250 196.8 76.9 115.3#

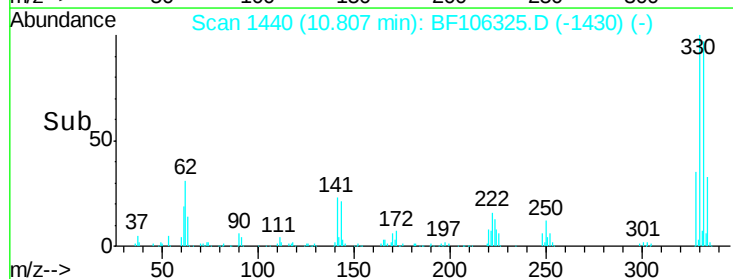
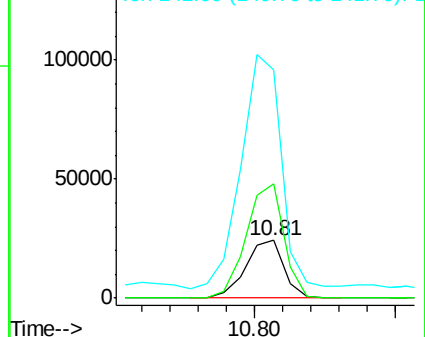
141 393.8 74.4 111.6#

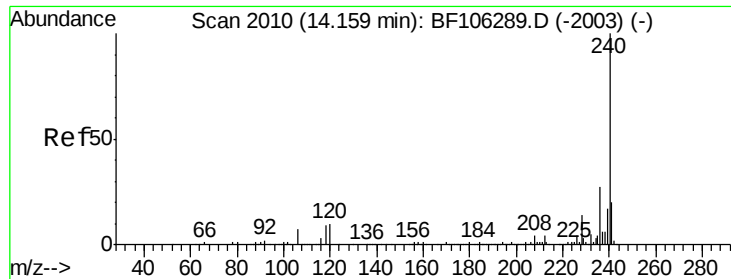


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-03

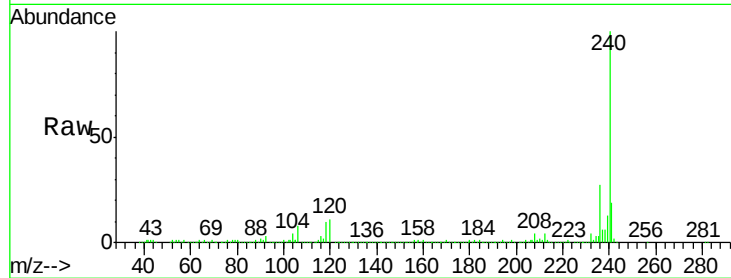
Tgt Ion:240 Resp: 484755

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

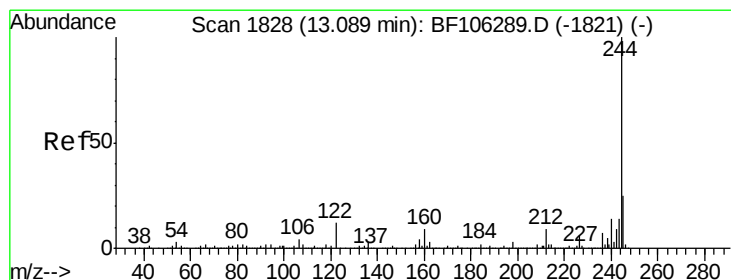
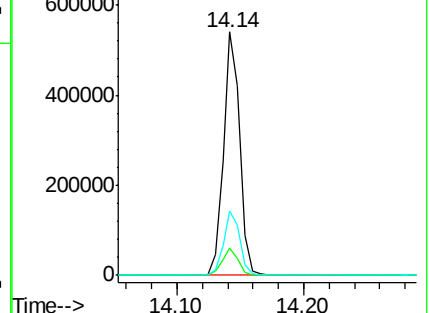
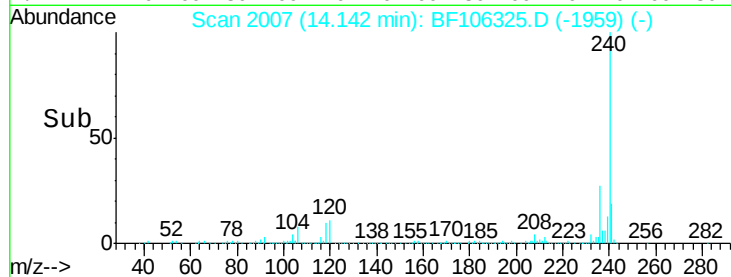
236 26.6 20.7 31.1



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: 71.247 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106325.D

Acq: 12 Jun 2018 5:57

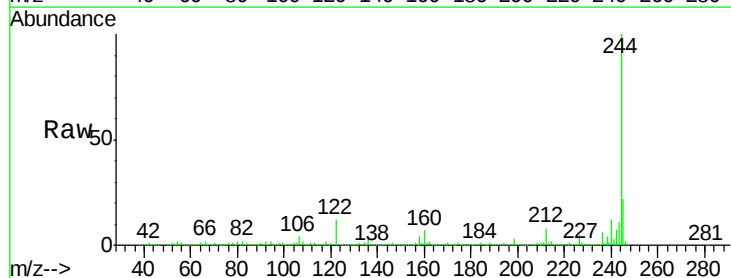
Tgt Ion:244 Resp: 1390507

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

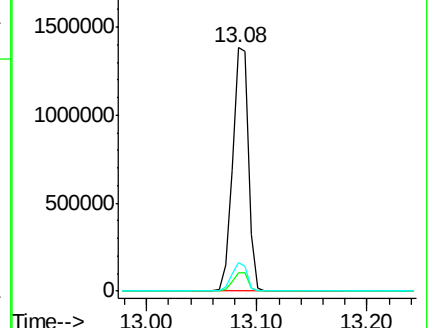
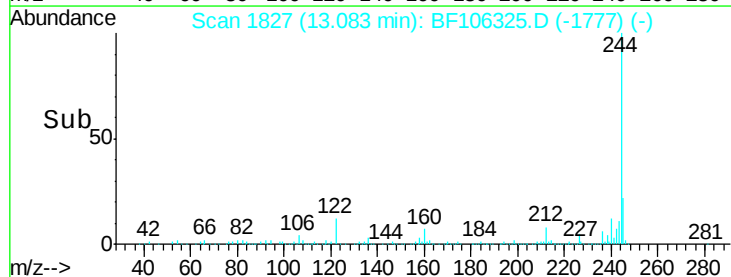
122 11.8 11.0 16.4

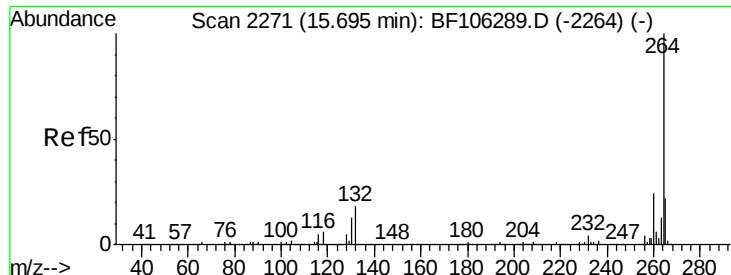


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

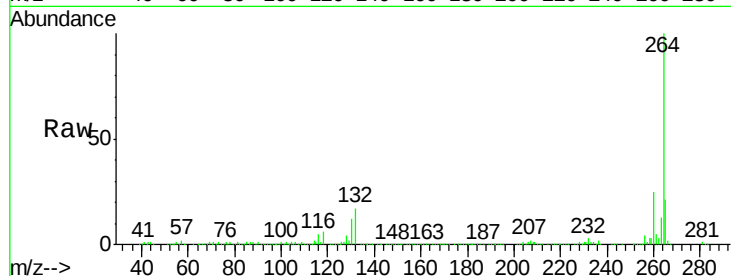




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106325.D
Acq: 12 Jun 2018 5:57

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	20.8	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

