

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107835.D
 Acq On : 31 Jul 2018 7:31
 Operator : JU/SJ
 Sample : J4200-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 08:00:13 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	162582	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	680638	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	240732	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	428896	20.00	ng	0.00
75) Chrysene-d12	14.18	240	196014	20.00	ng	0.02
86) Perylene-d12	15.75	264	195597	20.00	ng	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	631720	66.04	ng	0.00
7) Phenol-d6	6.60	99	892020	70.75	ng	0.00
23) Nitrobenzene-d5	7.53	82	488329	41.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	178851	54.68	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	992074	57.43	ng	0.00
78) Terphenyl-d14	13.09	244	685244	75.81	ng	0.00

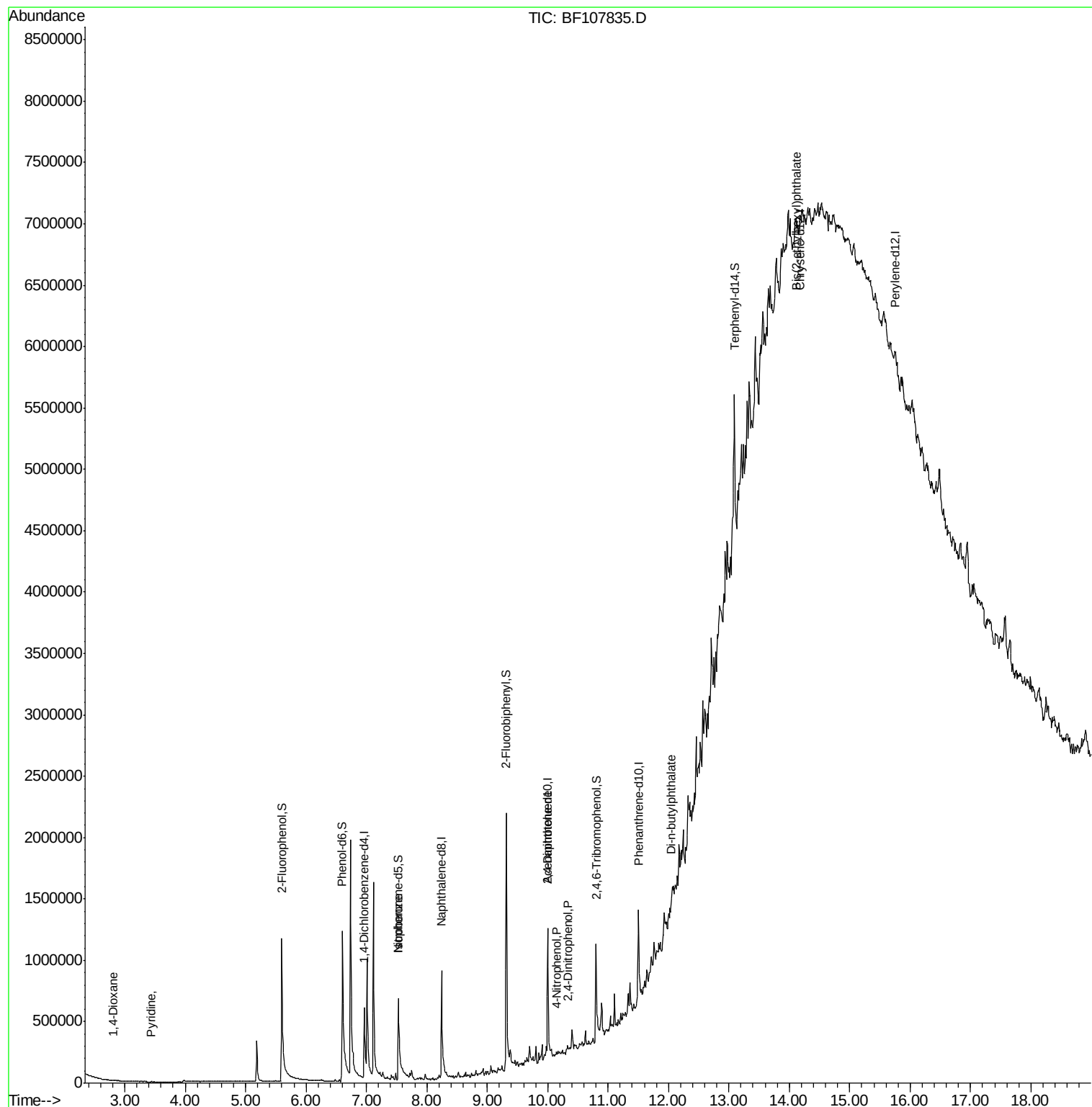
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	468	5.885	ng	# 1
3) Pyridine	3.44	79	109	6.263	ng	# 1
25) Isophorone	7.53	82	488325	25.180	ng	# 64
53) 2,4-Dinitrophenol	10.34	184	155	8.507	ng	# 1
55) 4-Nitrophenol	10.14	139	310	9.430	ng	# 1
56) 2,4-Dinitrotoluene	10.00	165	33694	6.525	ng	# 25
73) Di-n-butylphthalate	12.04	149	56042	2.213	ng	# 89
83) Bis(2-ethylhexyl)phthalate	14.12	149	23489	3.023	ng	# 76

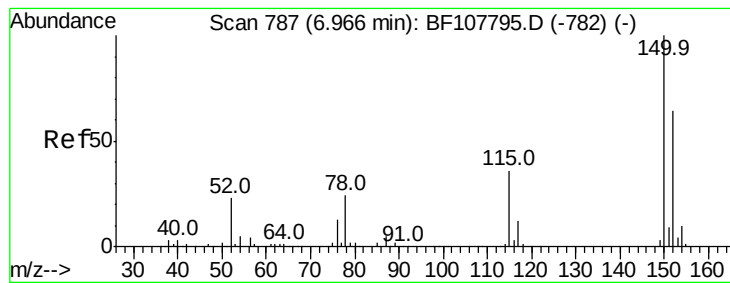
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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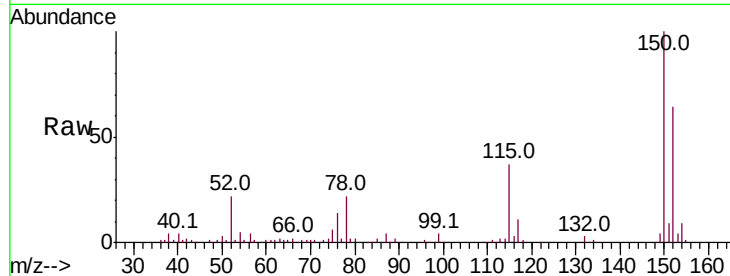


#1

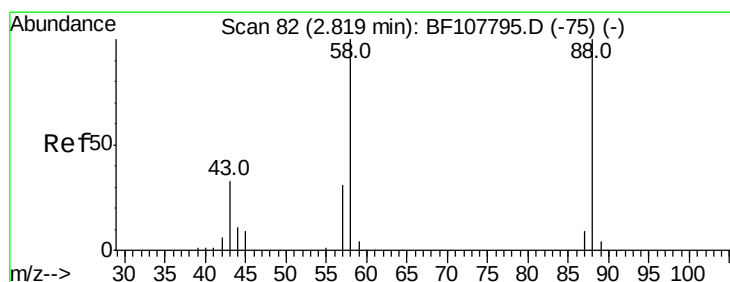
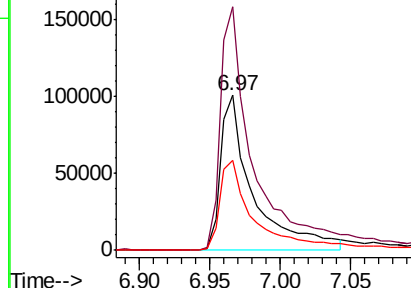
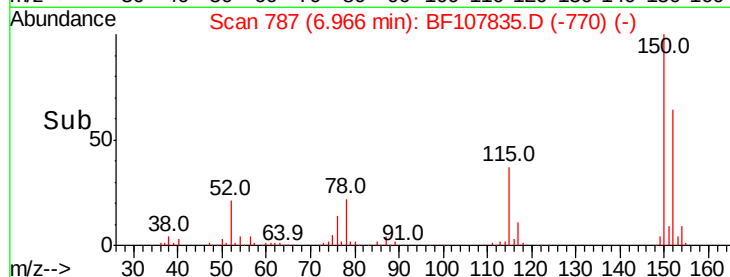
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	57.7	50.1	75.1



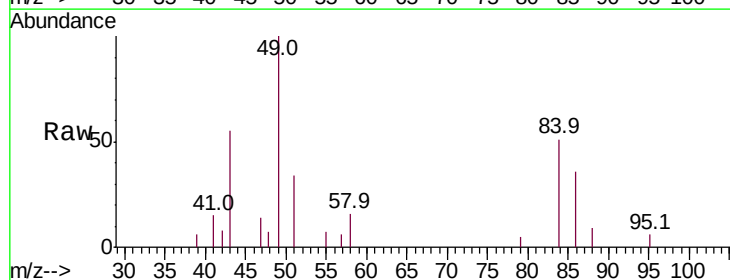
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



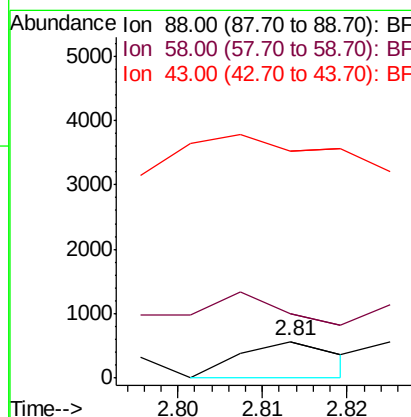
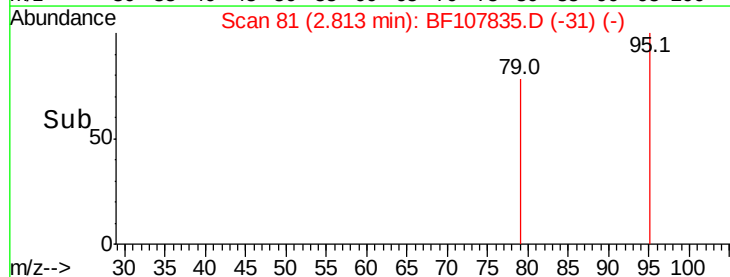
#2

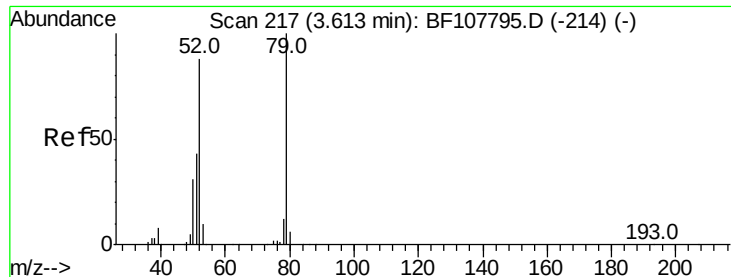
1,4-Dioxane
Concen: 5.885 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.9	62.6	93.8#
43	355.8	24.6	37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.263 ng

RT: 3.44 min Scan# 188

Delta R.T. -0.17 min

Lab File: BF107835.D

Acq: 31 Jul 2018 7:31

Instrument :

BNA_F

ClientSampleId :

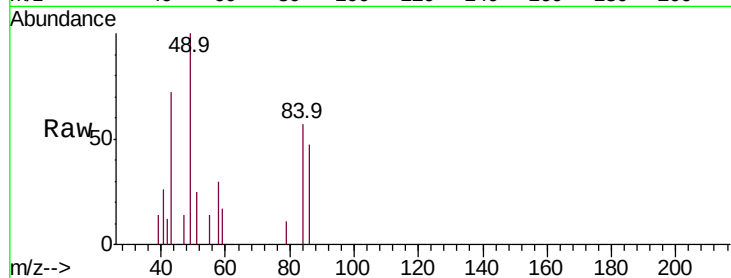
Tot Ion: 79 Resp: 109

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

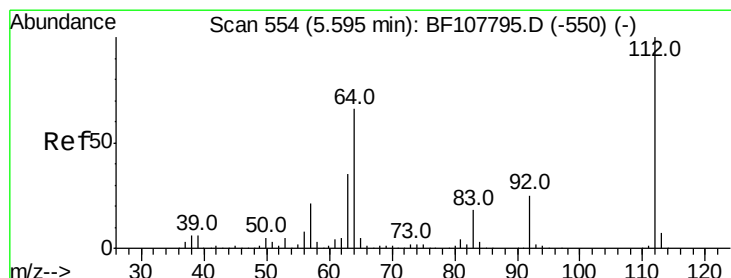
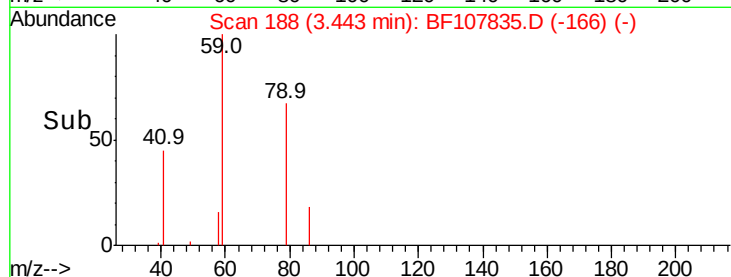
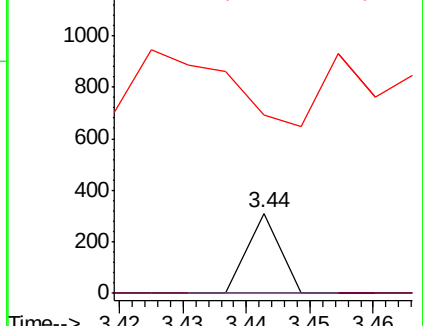
51 223.9 29.8 44.8#



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: 66.037 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107835.D

Acq: 31 Jul 2018 7:31

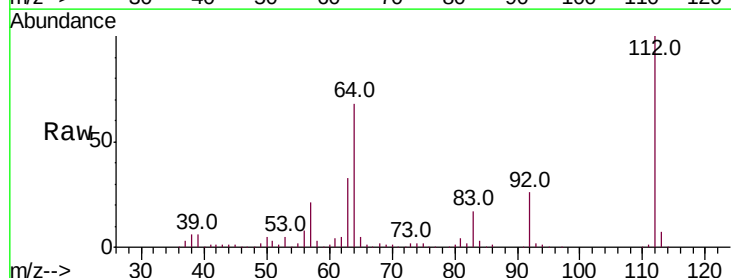
Tgt Ion: 112 Resp: 631720

Ion Ratio Lower Upper

112 100

64 68.2 47.9 71.9

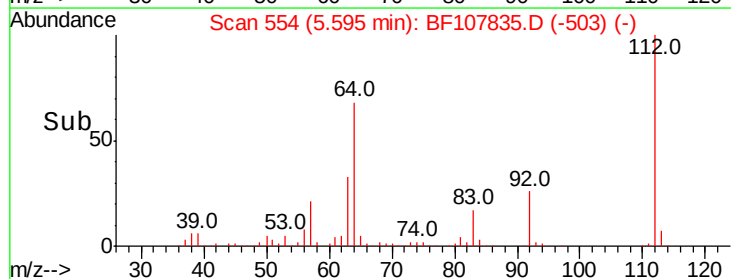
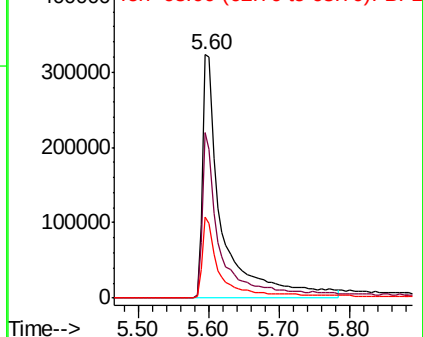
63 33.3 23.7 35.5

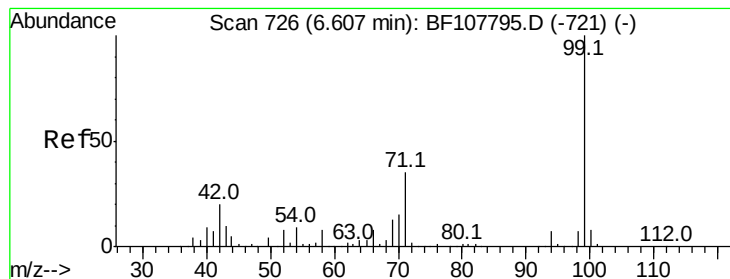


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 70.752 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107835.D

Acq: 31 Jul 2018 7:31

Instrument :

BNA_F

ClientSampled :

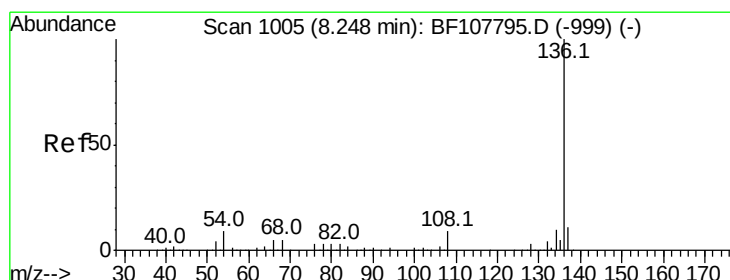
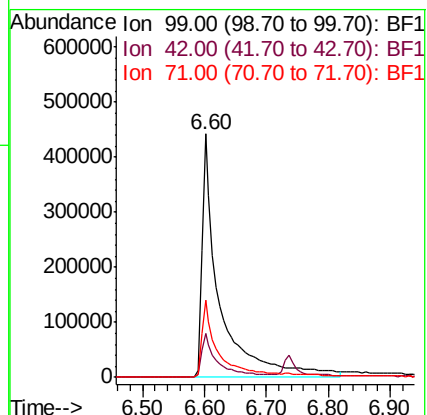
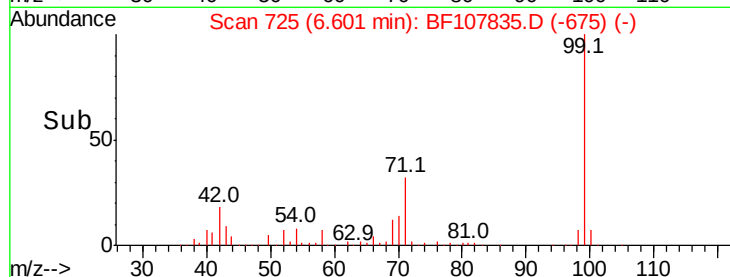
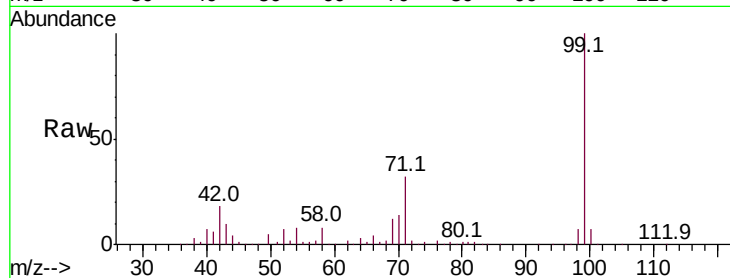
Tot Ion: 99 Resp: 892020

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 32.0 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: BF107835.D

Acq: 31 Jul 2018 7:31

Tgt Ion: 136 Resp: 680638

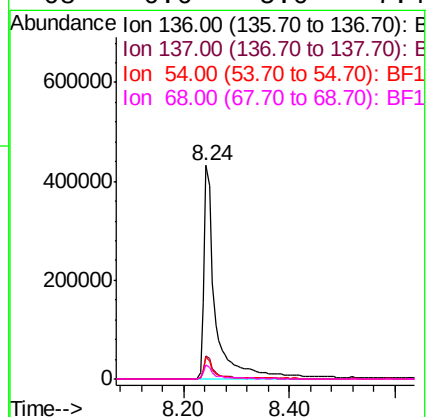
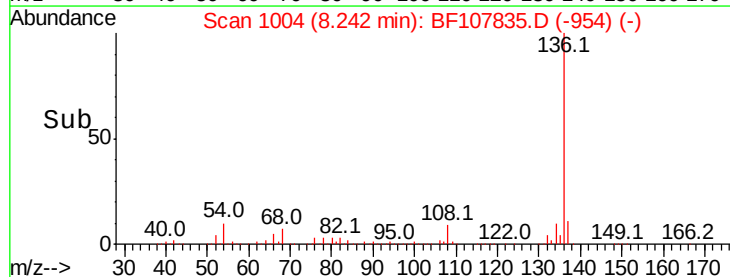
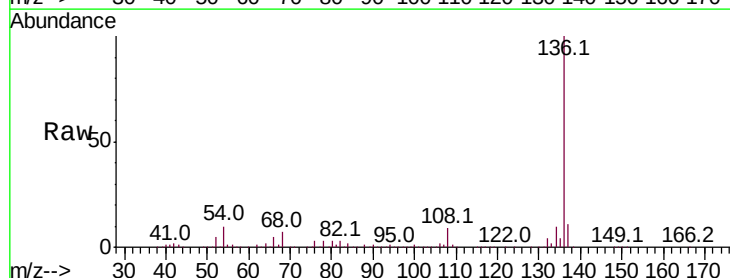
Ion Ratio Lower Upper

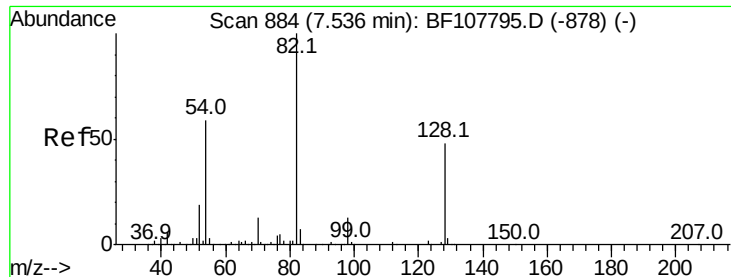
136 100

137 10.5 8.9 13.3

54 10.4 6.6 9.8#

68 6.6 5.0 7.4

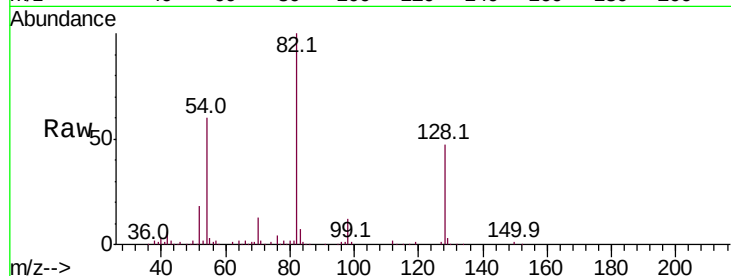




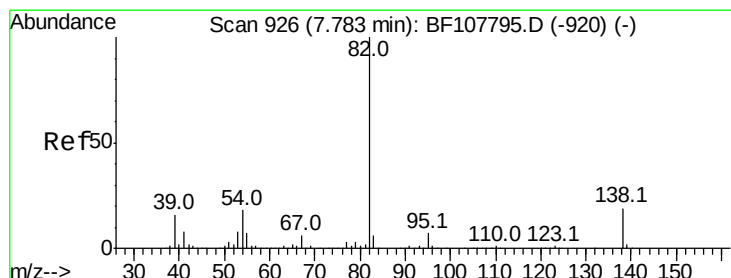
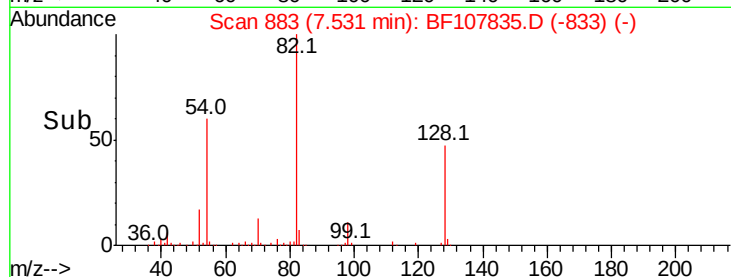
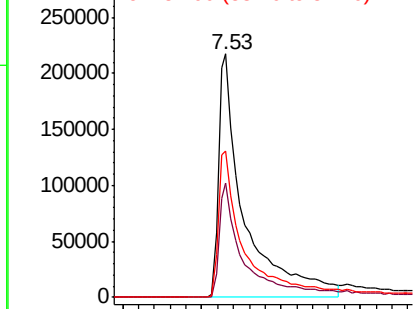
#23
Nitrobenzene-d5
Concen: 41.333 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	488329
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.1	54.1
54	60.0	41.4	62.2

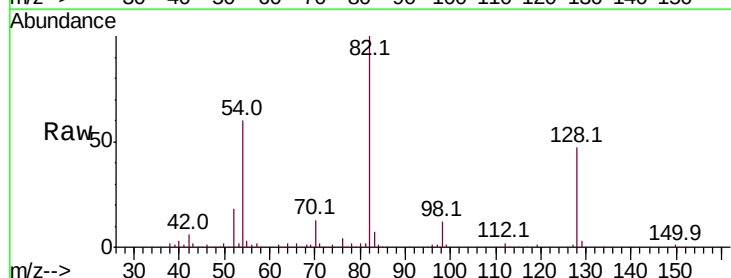


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

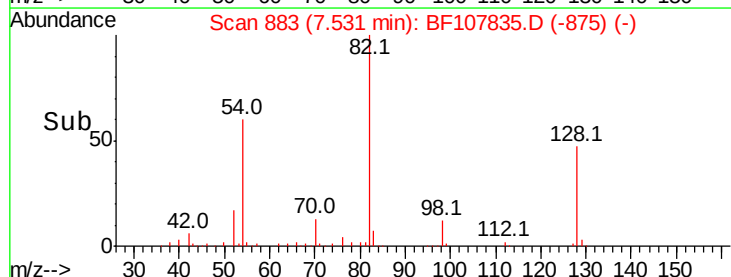
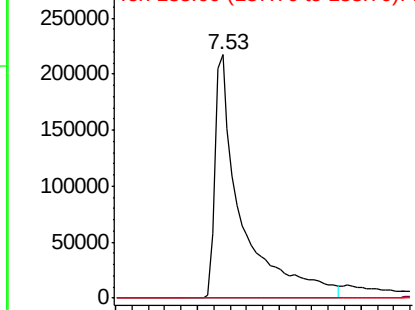


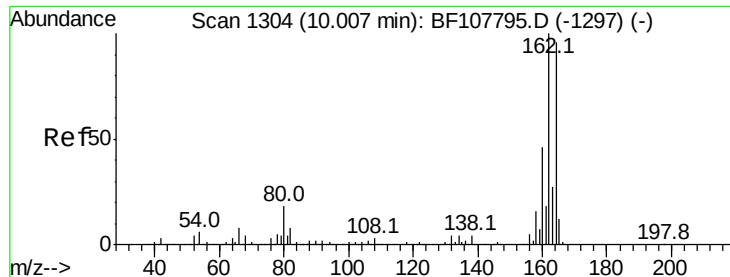
#25
Isophorone
Concen: 25.180 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Tgt Ion	82	Resp	488325
Ion Ratio	Lower	Upper	
82	100		
95	0.2	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

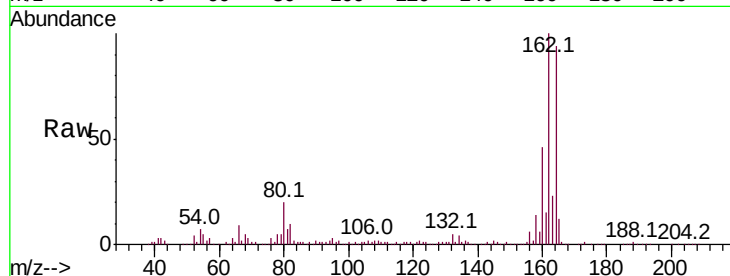




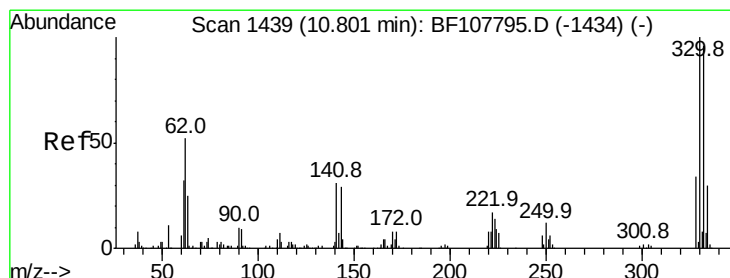
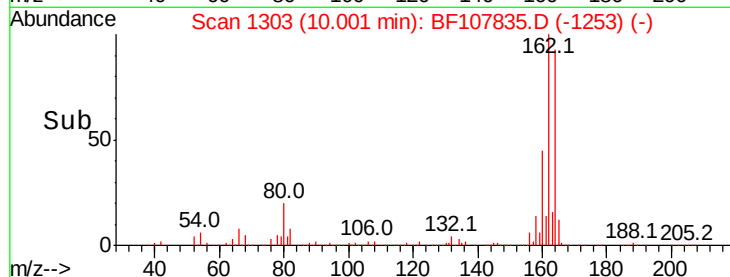
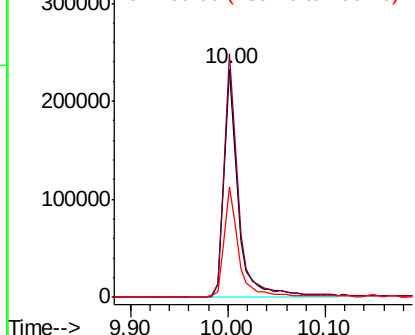
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107835.D
 Acq: 31 Jul 2018 7:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 240732
 Ion Ratio Lower Upper
 164 100
 162 106.6 86.1 129.1
 160 48.6 38.3 57.5

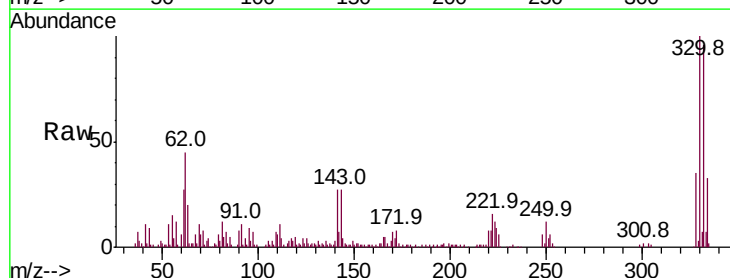


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

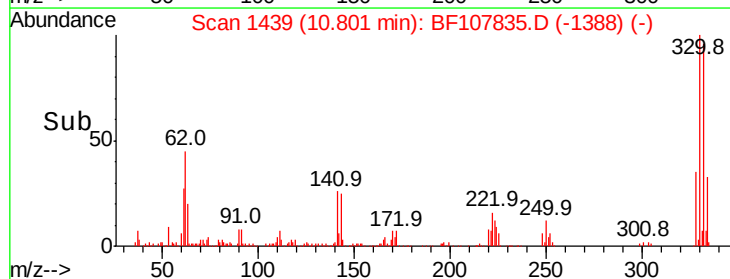
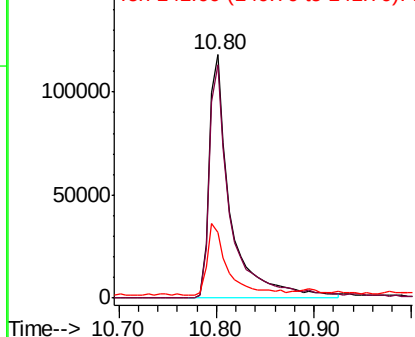


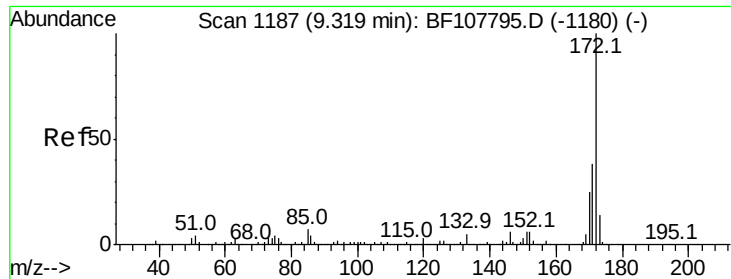
#41
 2,4,6-Tribromophenol
 Concen: 54.677 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107835.D
 Acq: 31 Jul 2018 7:31

Tgt Ion:330 Resp: 178851
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 28.3 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

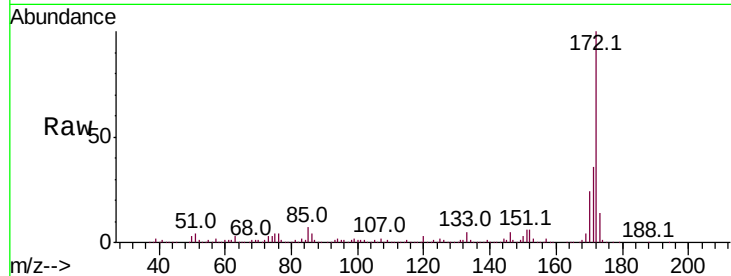




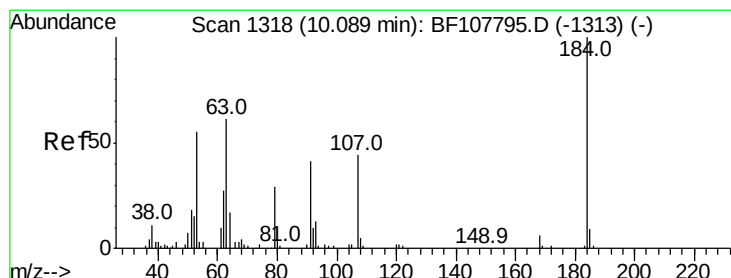
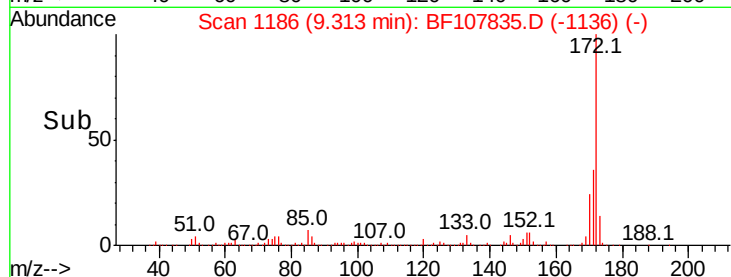
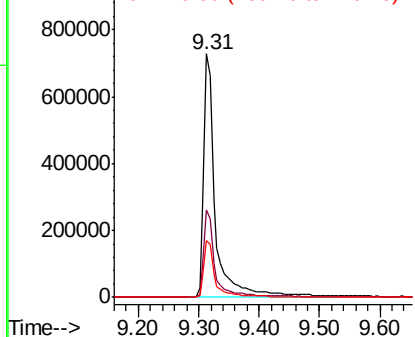
#44
2-Fluorobiphenyl
Concen: 57.427 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 992074
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.6 19.6 29.4

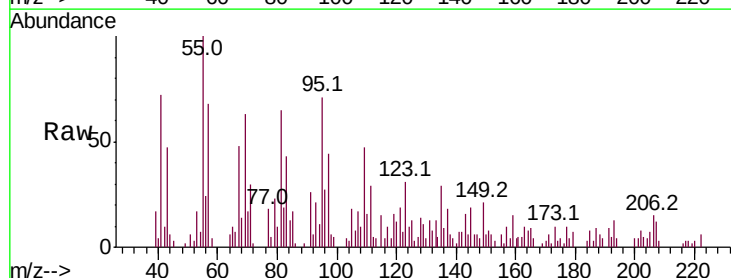


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

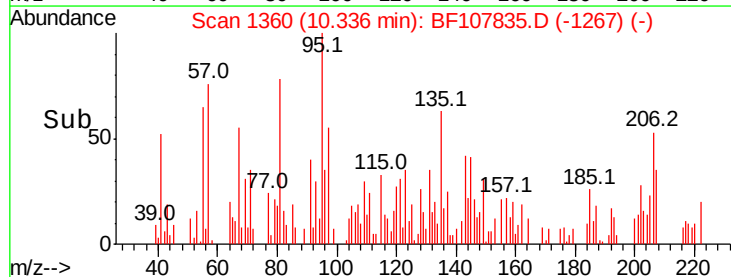
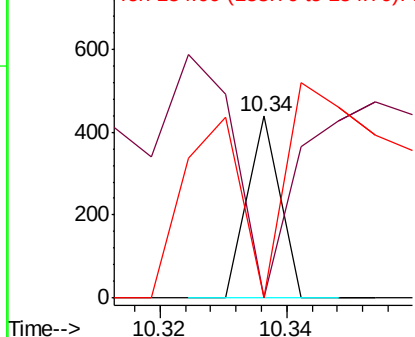


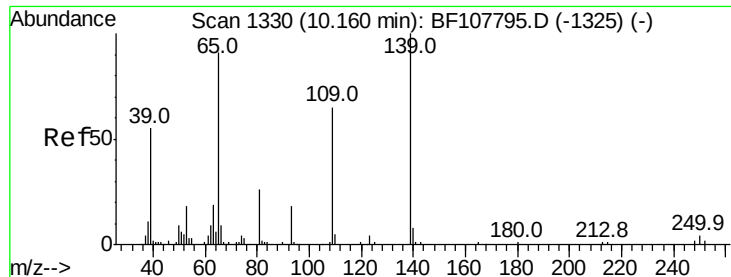
#53
2,4-Dinitrophenol
Concen: 8.507 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.25 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Tgt Ion:184 Resp: 155
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
800 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

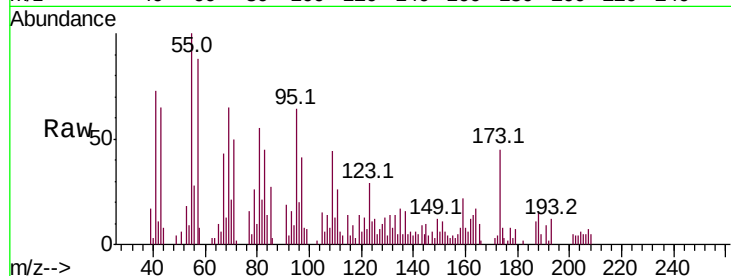




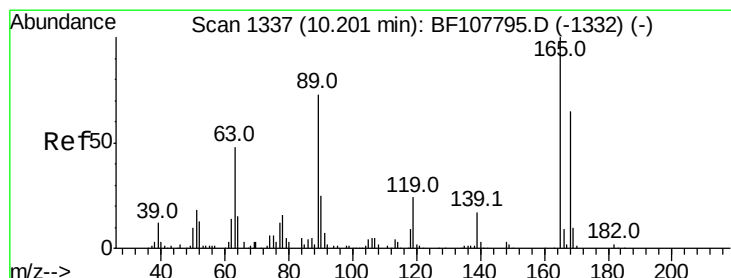
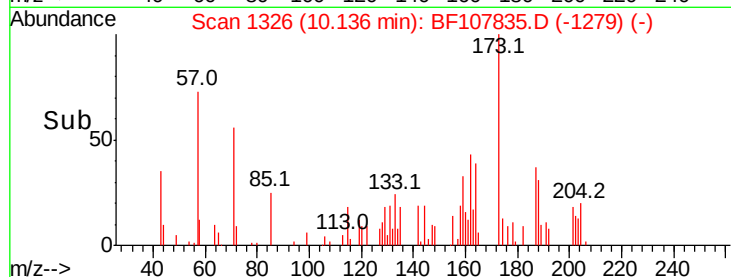
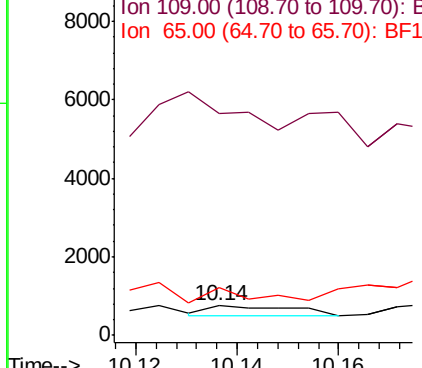
#55
4-Nitrophenol
Concen: 9.430 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 310
Ion Ratio Lower Upper
139 100
109 752.2 48.4 88.4#
65 163.5 72.6 112.6#

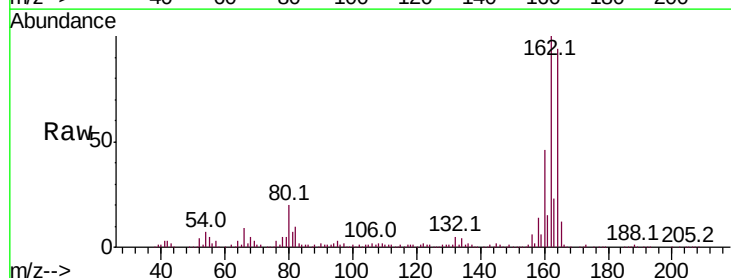


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

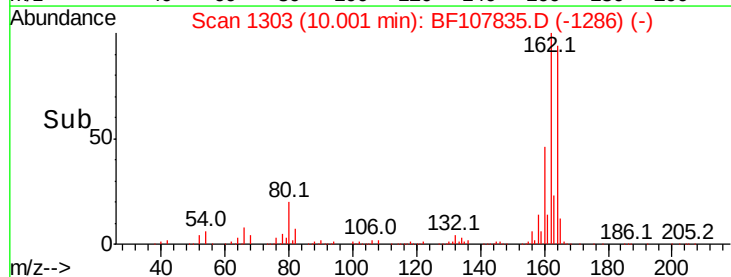
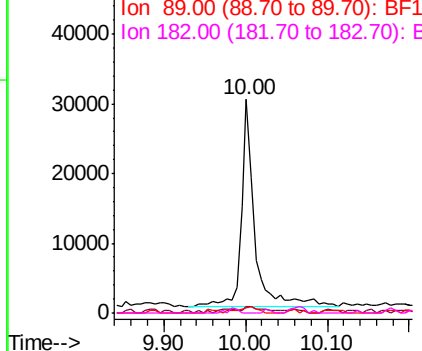


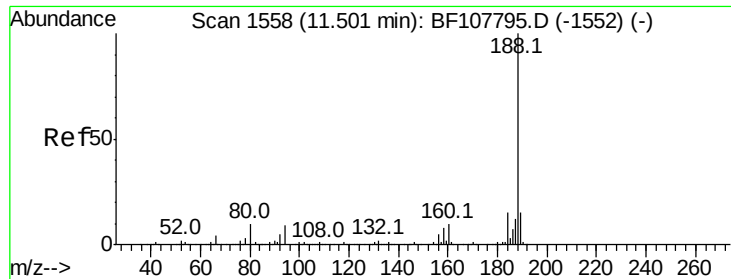
#56
2,4-Dinitrotoluene
Concen: 6.525 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Tgt Ion:165 Resp: 33694
Ion Ratio Lower Upper
165 100
63 2.9 36.4 54.6#
89 2.3 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): BF1

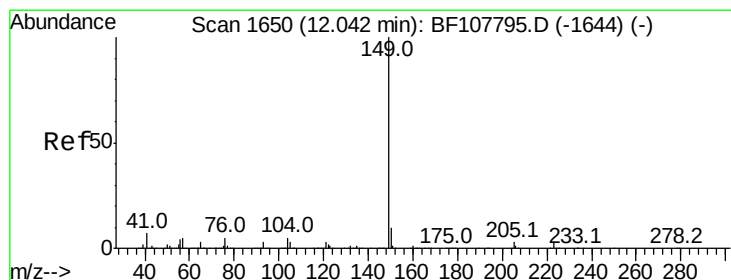
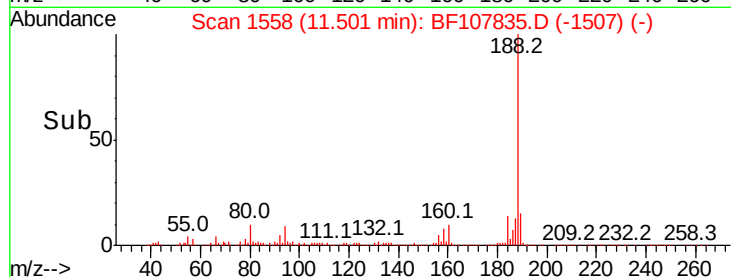
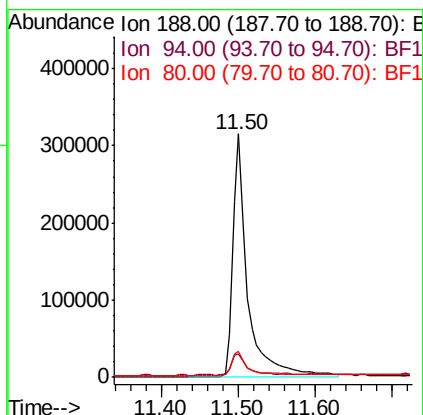
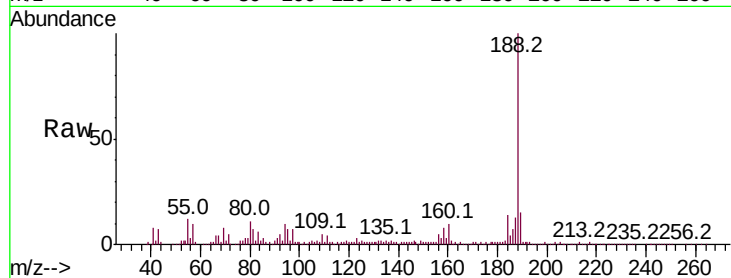




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

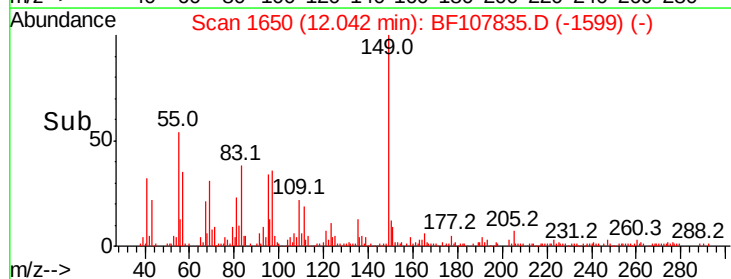
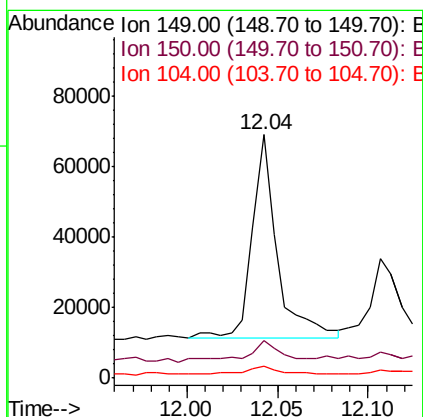
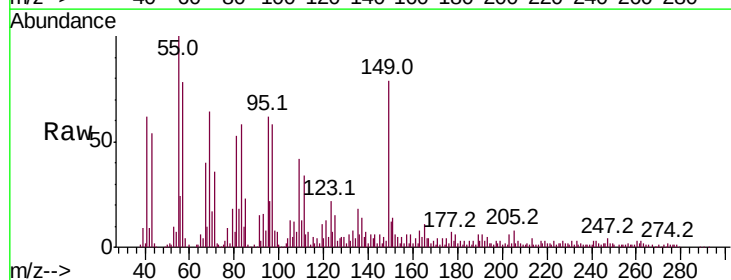
Instrument :
BNA_F
ClientSampleId :

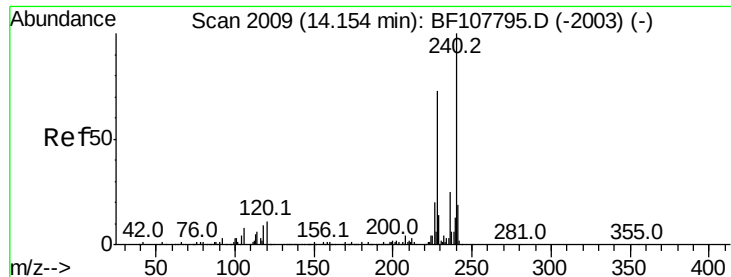
Tot Ion:188 Resp: 428896
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.7 9.2 13.8



#73
Di-n-butylphthalate
Concen: 2.213 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107835.D
Acq: 31 Jul 2018 7:31

Tgt Ion:149 Resp: 56042
Ion Ratio Lower Upper
149 100
150 15.4 7.8 11.6#
104 4.7 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.02 min

Lab File: BF107835.D

Acq: 31 Jul 2018 7:31

Instrument :

BNA_F

ClientSampleId :

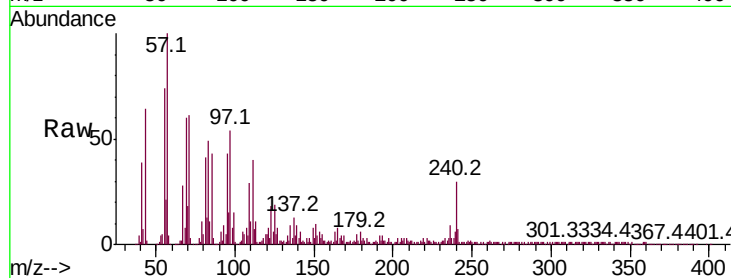
Tot Ion:240 Resp: 196014

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

236 29.0 20.7 31.1

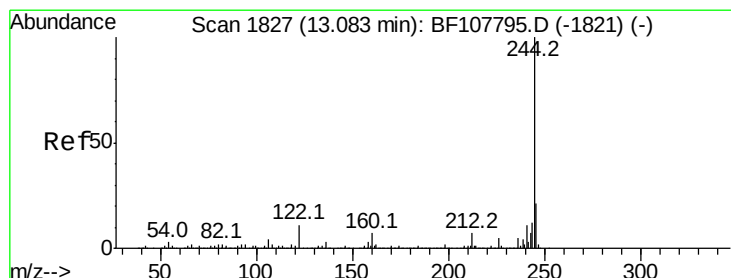
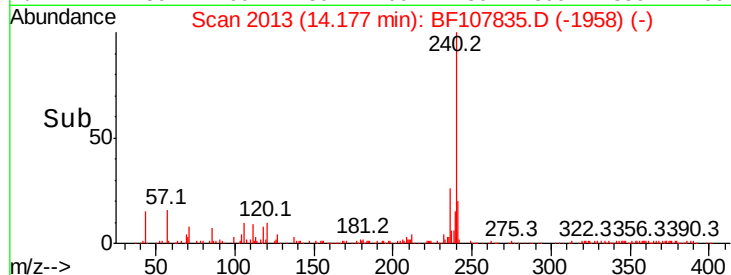
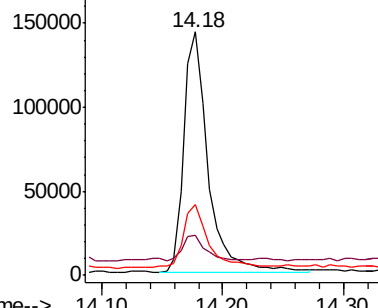


Abundance

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: 75.806 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF107835.D

Acq: 31 Jul 2018 7:31

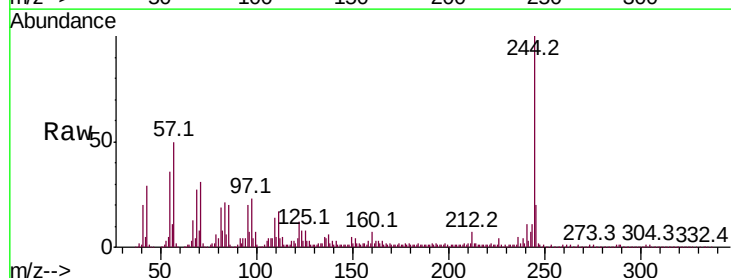
Tgt Ion:244 Resp: 685244

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 12.1 11.0 16.4

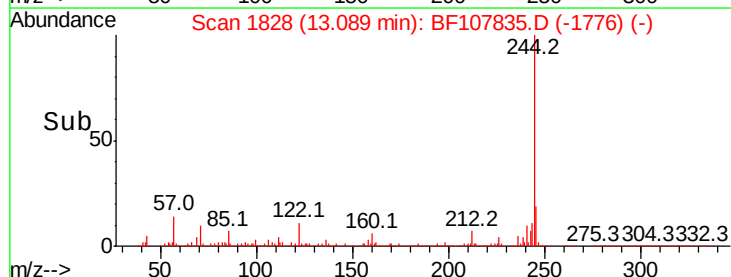
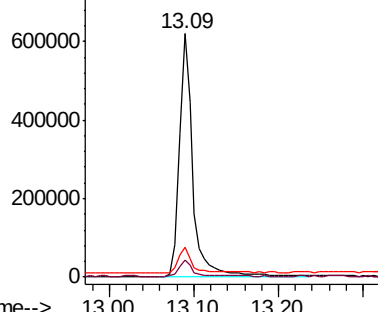


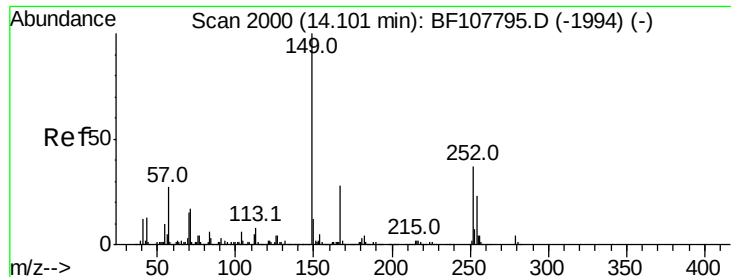
Abundance

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

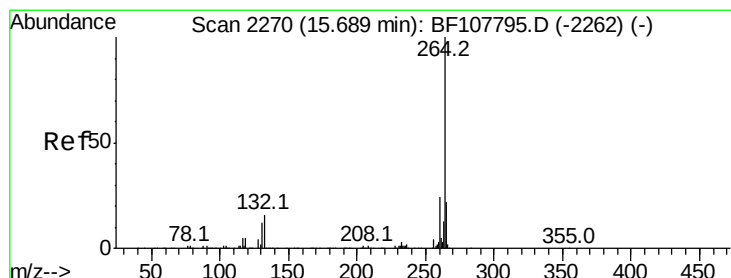
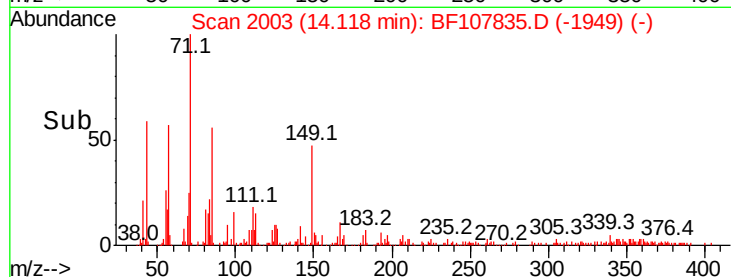
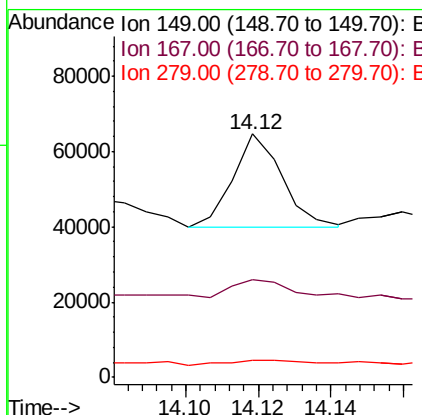
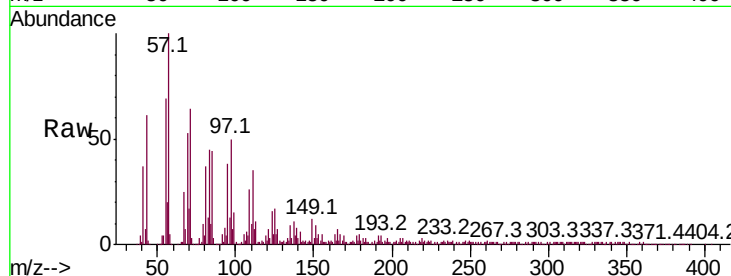




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.023 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. 0.02 min
 Lab File: BF107835.D
 Acq: 31 Jul 2018 7:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 23489
 Ion Ratio Lower Upper
 149 100
 167 39.9 21.3 31.9#
 279 6.9 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. 0.06 min
 Lab File: BF107835.D
 Acq: 31 Jul 2018 7:31

Tgt Ion:264 Resp: 195597
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.2 17.5 26.3

