

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102873.D
 Acq On : 8 Feb 2018 23:51
 Operator : SJ/JU
 Sample : J1490-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:26:21 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

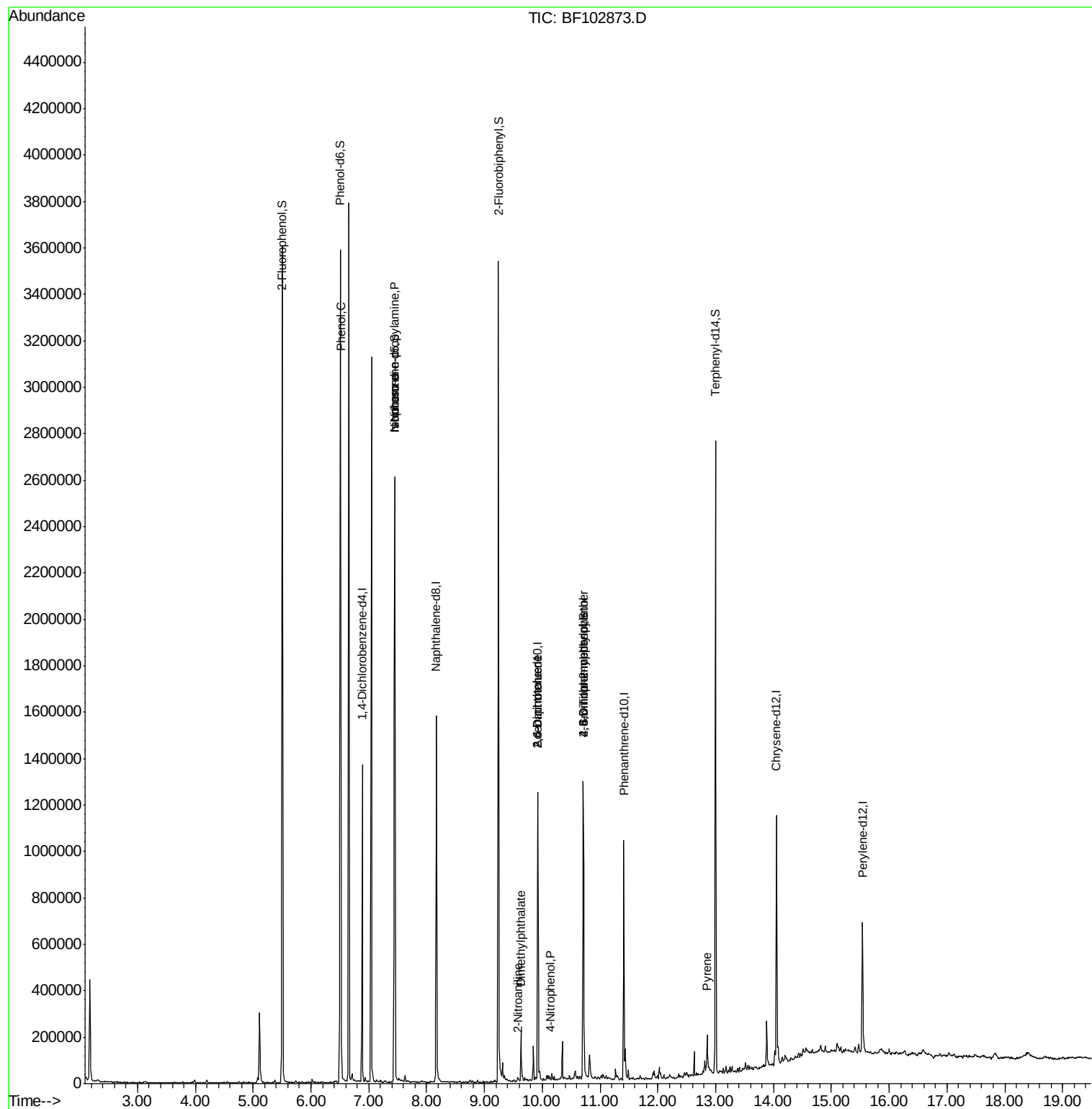
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172579	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	671586	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	248377	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	363941	20.00	ng	0.00
75) Chrysene-d12	14.05	240	322120	20.00	ng	0.00
86) Perylene-d12	15.54	264	264131	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	979196	86.17	ng	0.01
7) Phenol-d6	6.51	99	1287322	94.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	836551	86.41	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	127007	63.53	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1225939	81.90	ng	0.00
78) Terphenyl-d14	13.00	244	840305	61.77	ng	0.00
Target Compounds						
10) Phenol	6.52	94	53118	3.62	ng	92
19) n-Nitroso-di-n-propylamine	7.45	70	114664	12.71	ng	# 87
24) Nitrobenzene	7.47	77	137	Below Cal	#	38
25) Isophorone	7.45	82	836538	37.53	ng	# 64
47) 2-Nitroaniline	9.57	65	131	3.50	ng	# 2
49) Dimethylphthalate	9.63	163	71943	3.71	ng	99
50) 2,6-Dinitrotoluene	9.92	165	32549	8.83	ng	# 26
55) 4-Nitrophenol	10.13	139	579	4.17	ng	# 9
56) 2,4-Dinitrotoluene	9.92	165	32549	9.24	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	155	8.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	9168	2.38	ng	# 1
77) Pyrene	12.86	202	55864	2.21	ng	95

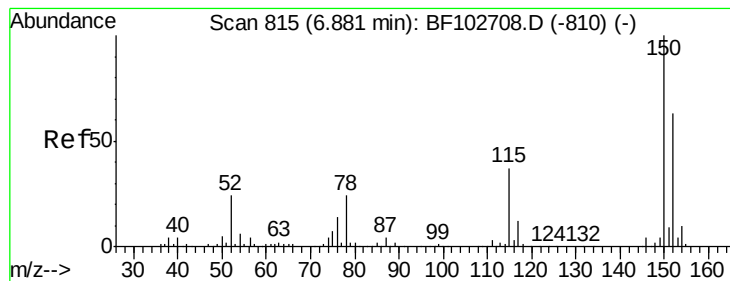
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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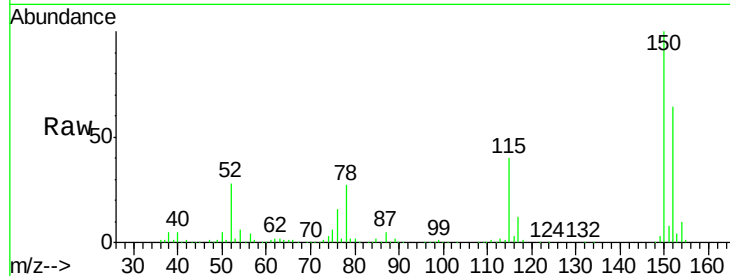


#1

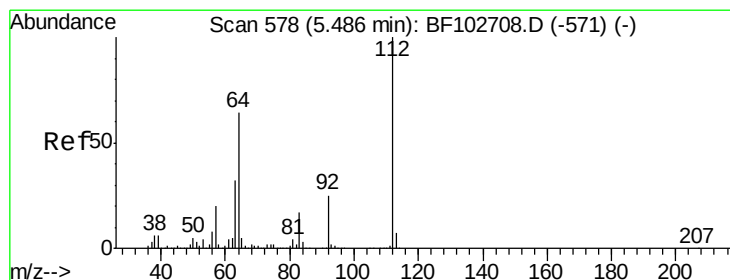
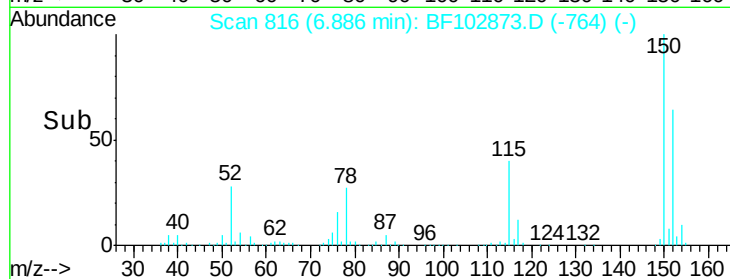
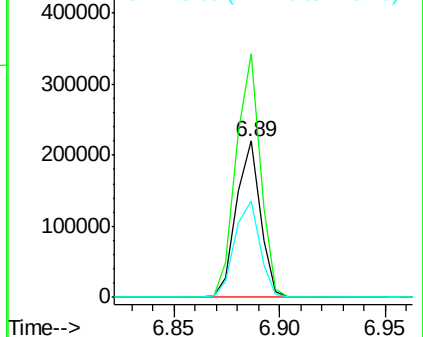
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172579
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.0 50.1 75.1



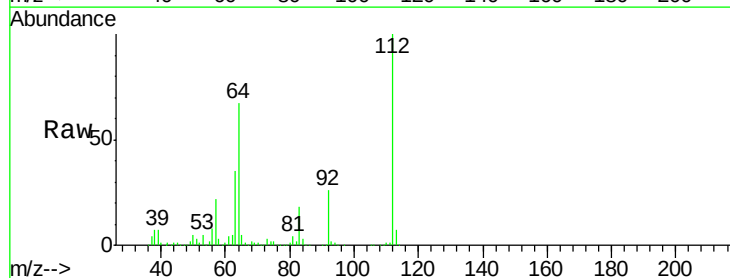
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



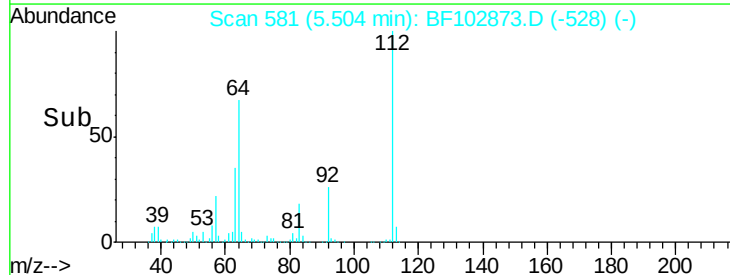
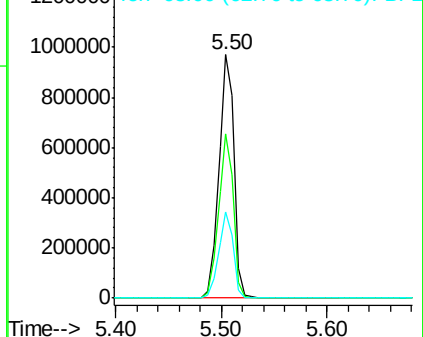
#5

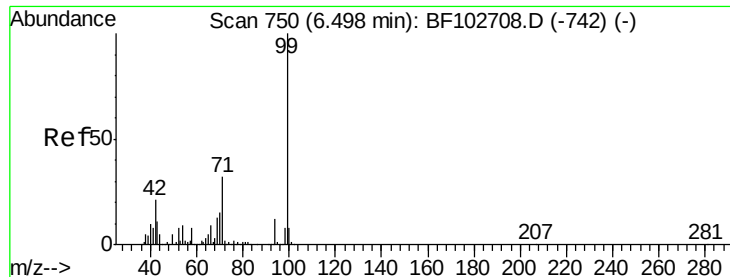
2-Fluorophenol
Concen: 86.17 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion:112 Resp: 979196
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 35.3 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: 94.08 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

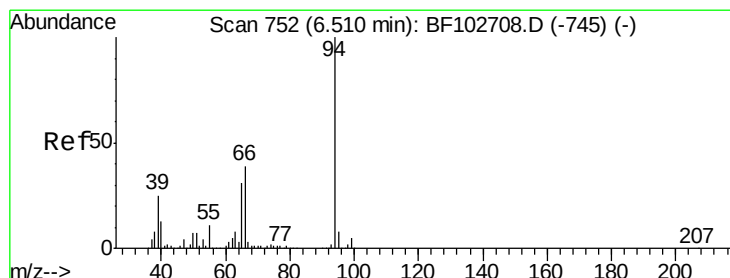
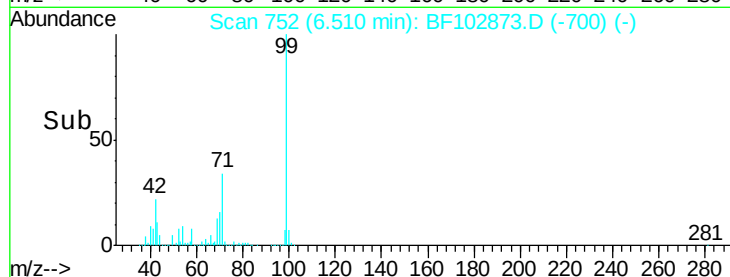
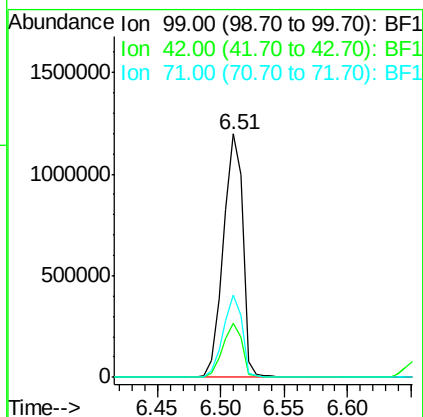
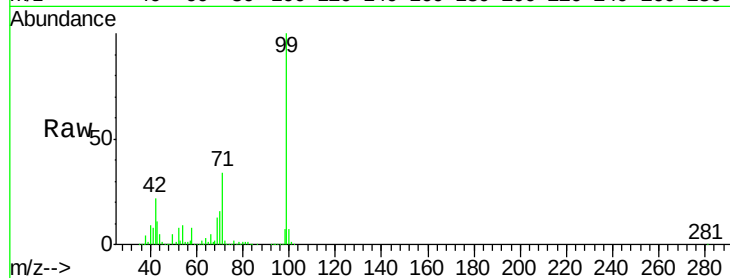
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1287322

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	33.6	25.4	38.0



#10

Phenol

Concen: 3.62 ng

RT: 6.52 min Scan# 754

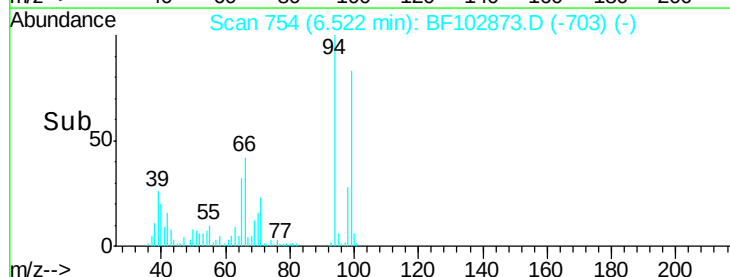
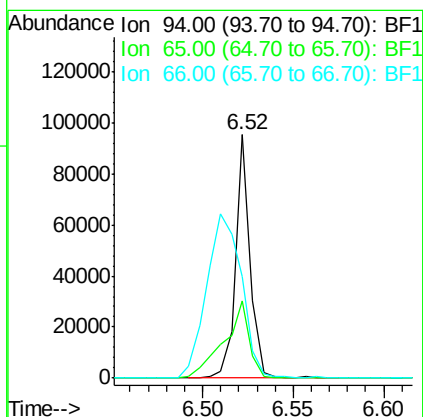
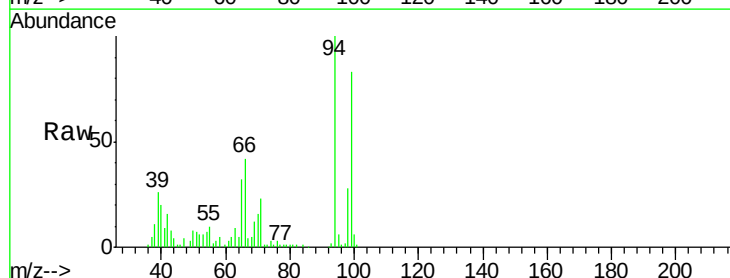
Delta R.T. -0.00 min

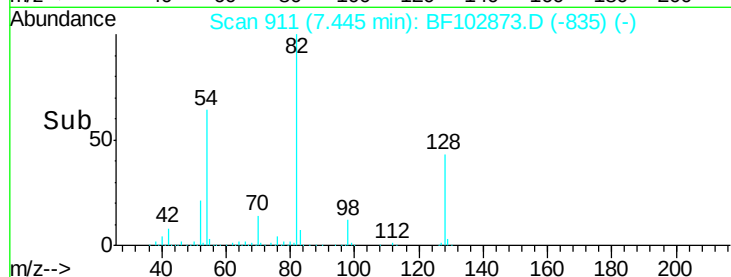
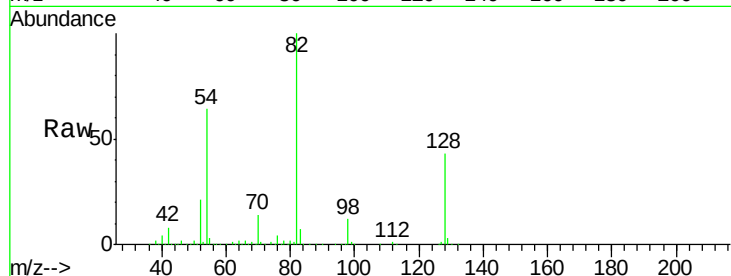
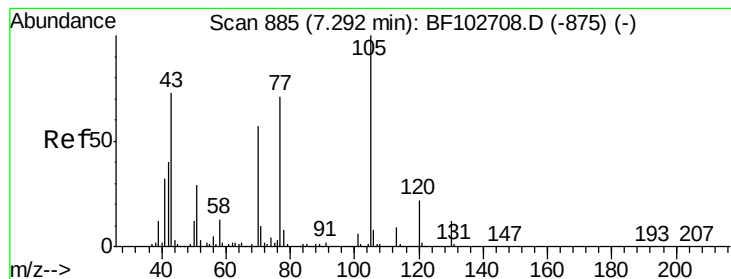
Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

Tgt Ion: 94 Resp: 53118

Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	41.8	16.2	56.2





#19

n-Nitroso-di-n-propylamine

Concen: 12.71 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 114664

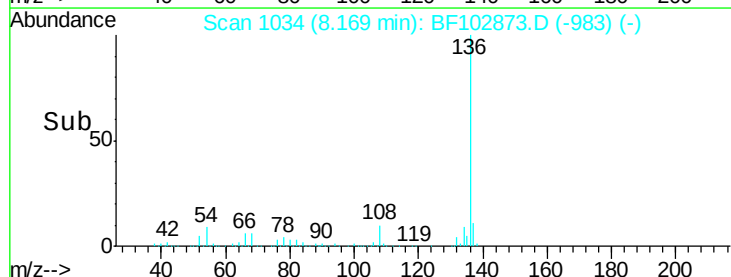
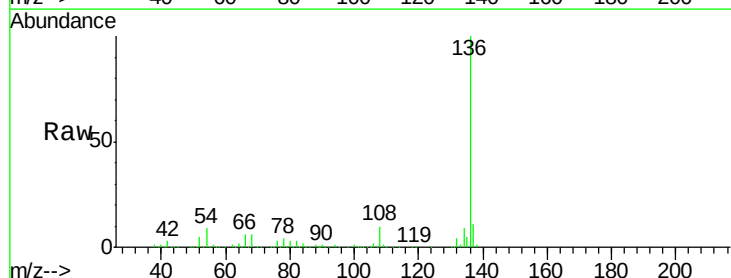
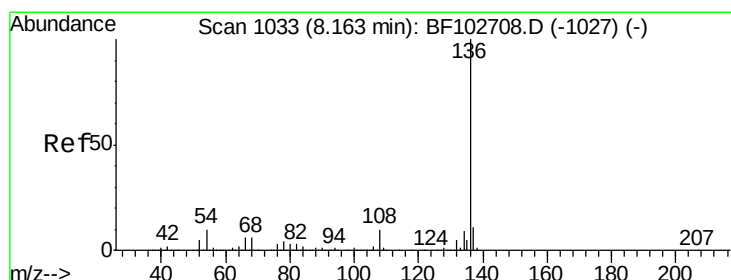
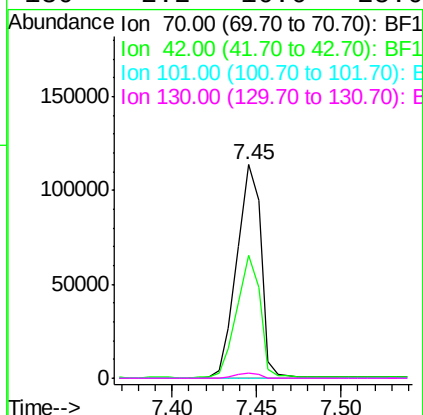
Ion Ratio Lower Upper

70 100

42 57.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

Tgt Ion:136 Resp: 671586

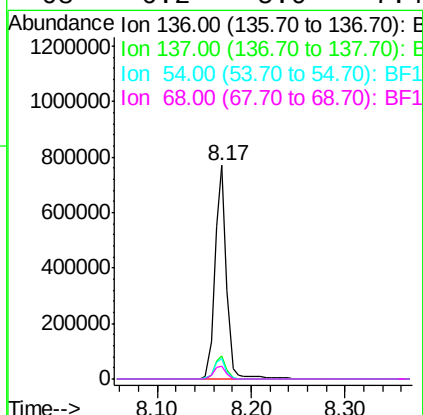
Ion Ratio Lower Upper

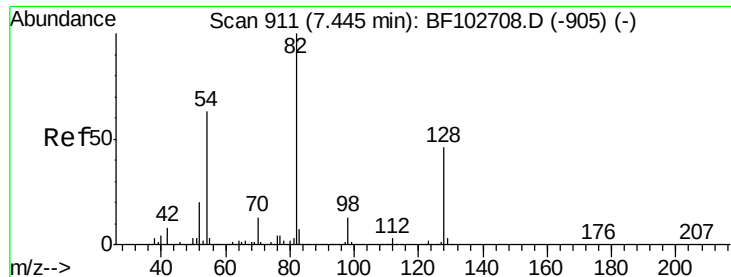
136 100

137 10.8 8.9 13.3

54 9.4 6.6 9.8

68 6.2 5.0 7.4

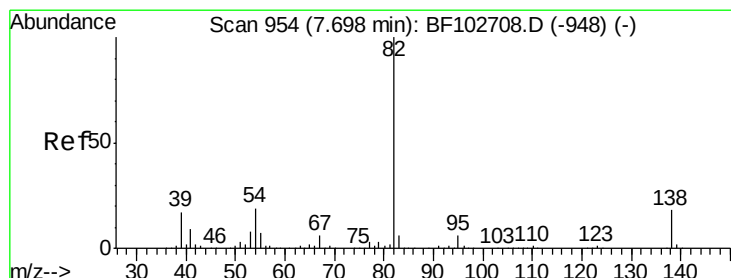
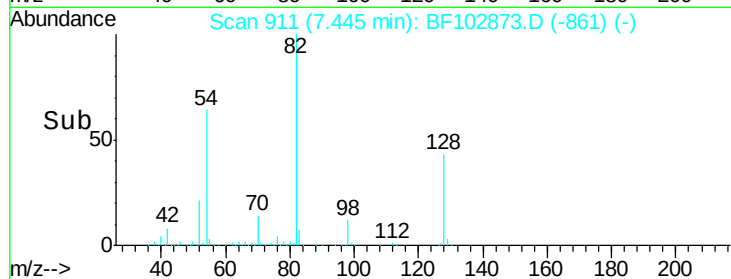
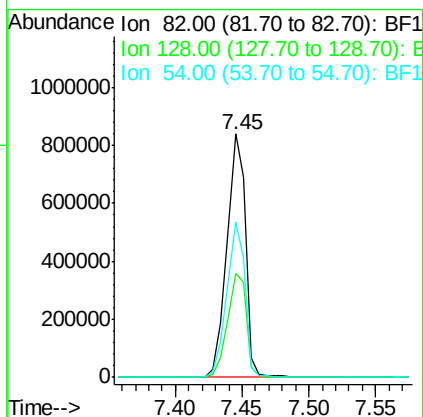
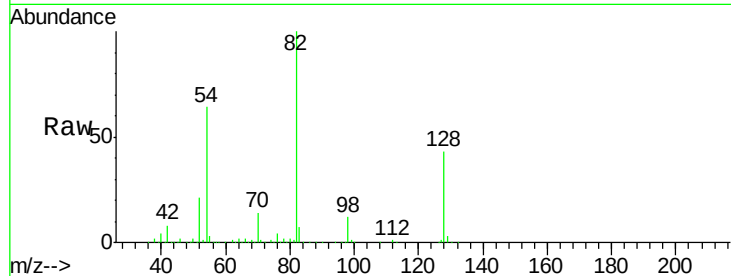




#23
 Nitrobenzene-d5
 Concen: 86.41 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

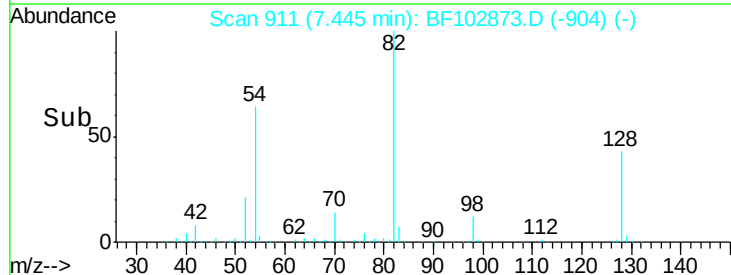
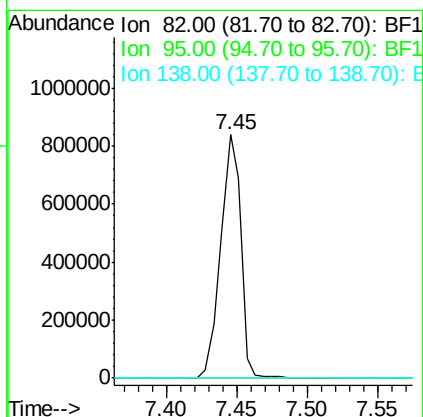
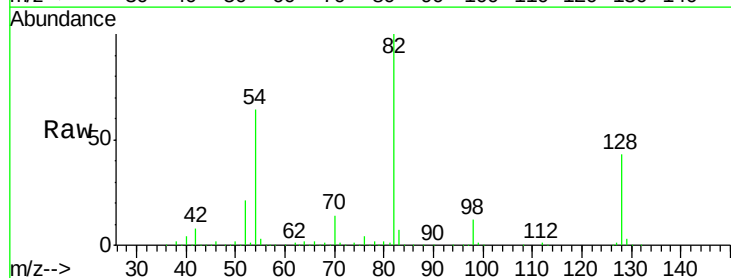
Instrument :
 BNA_F
 ClientSampleId :

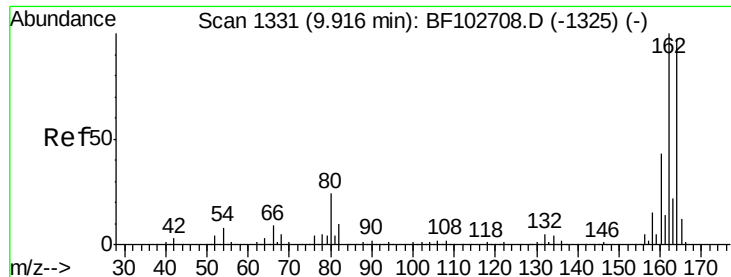
Tot Ion: 82 Resp: 836551
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 63.8 41.4 62.2#



#25
 Isophorone
 Concen: 37.53 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

Tgt Ion: 82 Resp: 836538
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

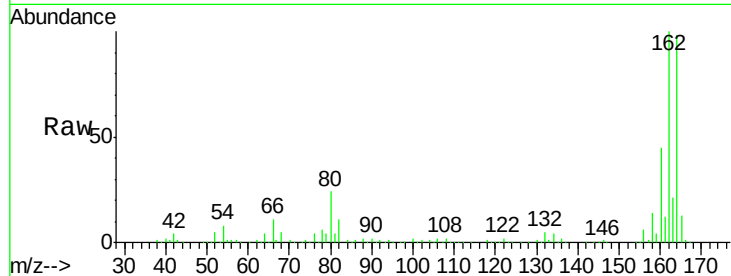




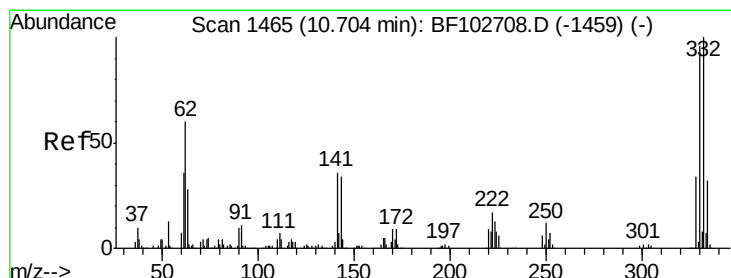
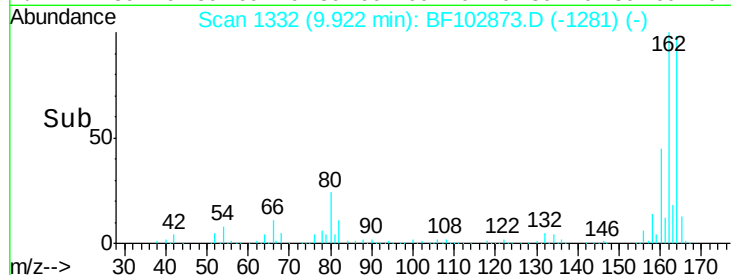
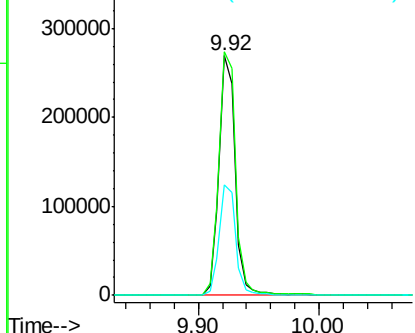
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 248377
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 46.2 38.3 57.5

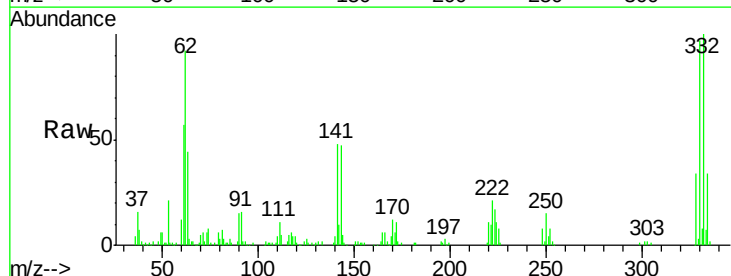


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

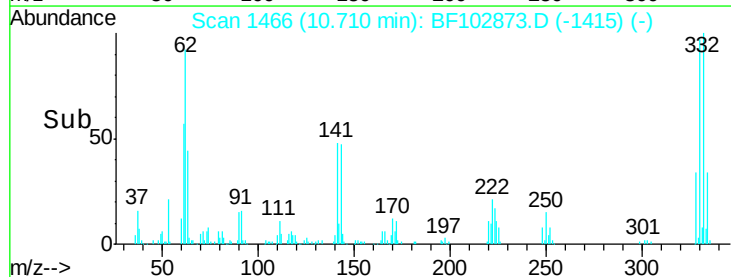
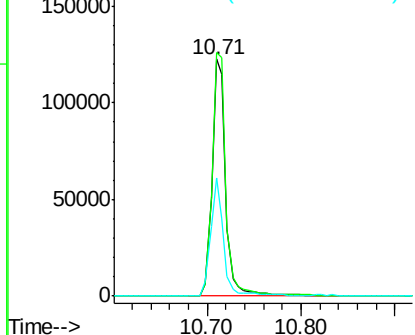


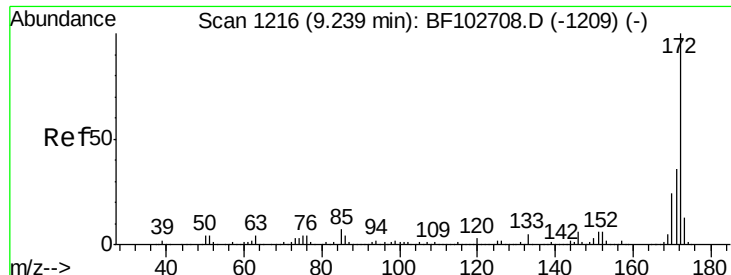
#41
 2,4,6-Tribromophenol
 Concen: 63.53 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

Tgt Ion:330 Resp: 127007
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 47.5 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

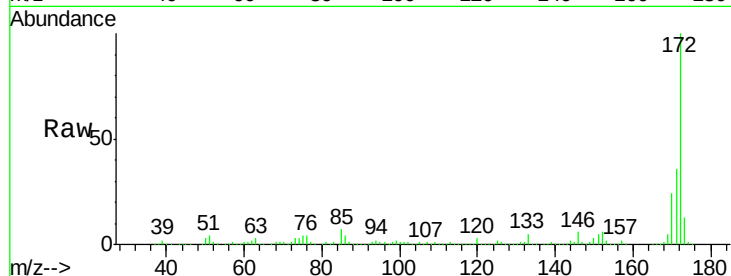




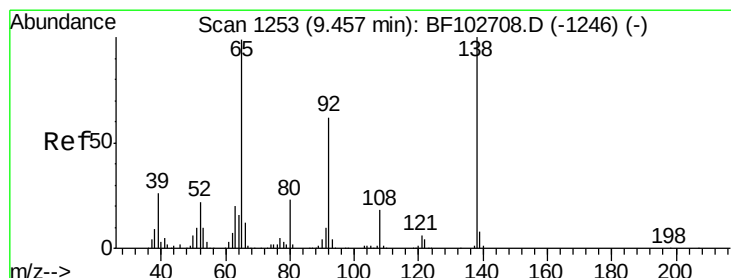
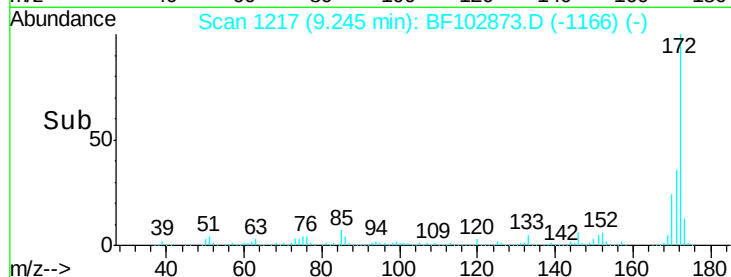
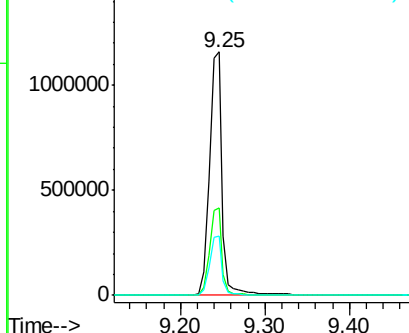
#44
2-Fluorobiphenyl
Concen: 81.90 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1225939
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.4 19.6 29.4

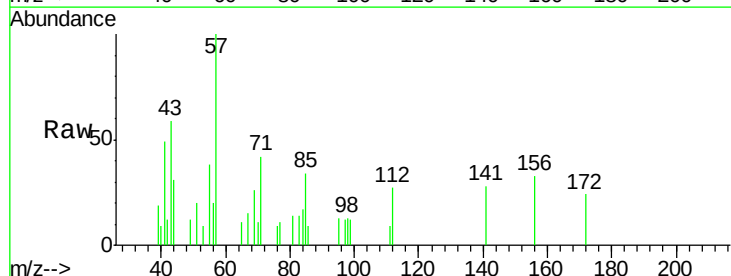


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

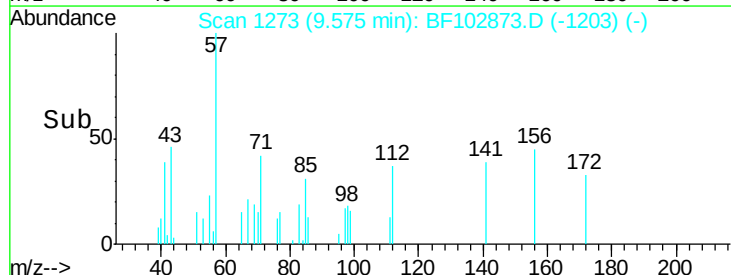
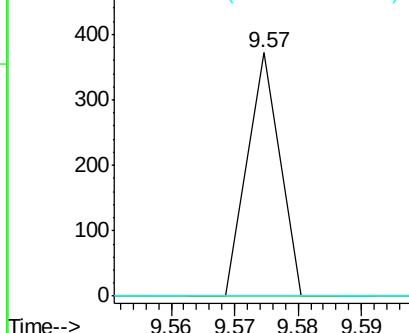


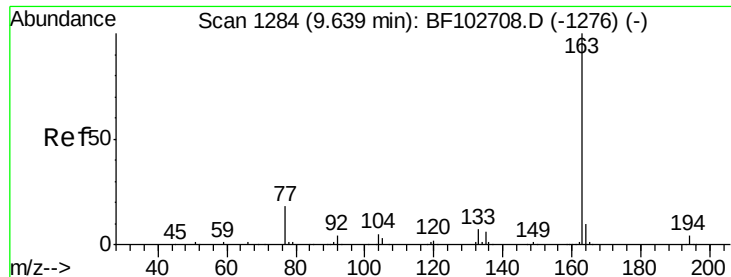
#47
2-Nitroaniline
Concen: 3.50 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.11 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion: 65 Resp: 131
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): E

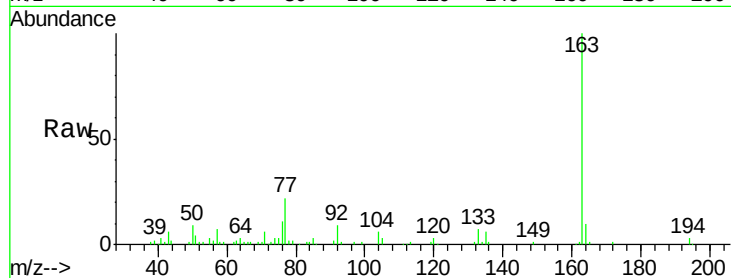




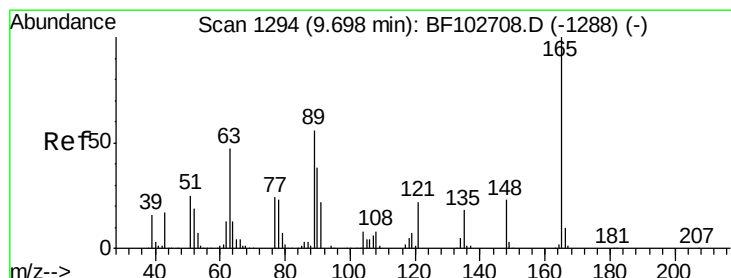
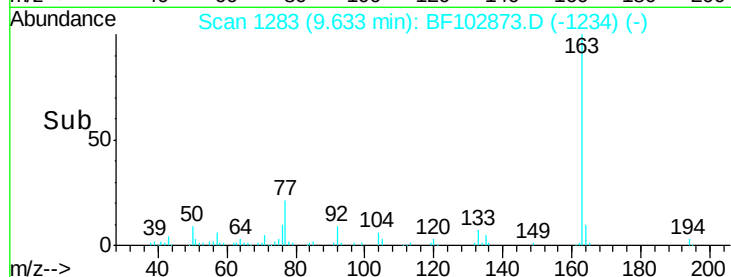
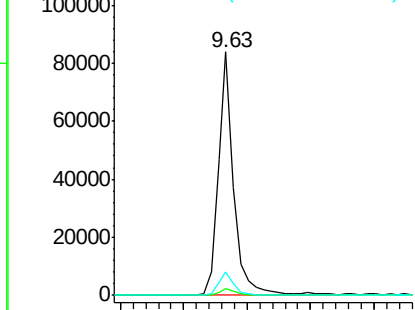
#49
Dimethylphthalate
Concen: 3.71 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 71943
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.8 8.2 12.2

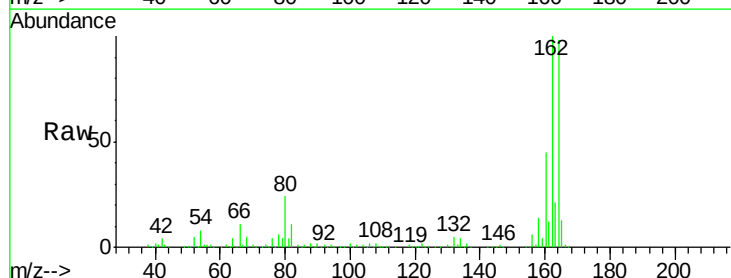


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

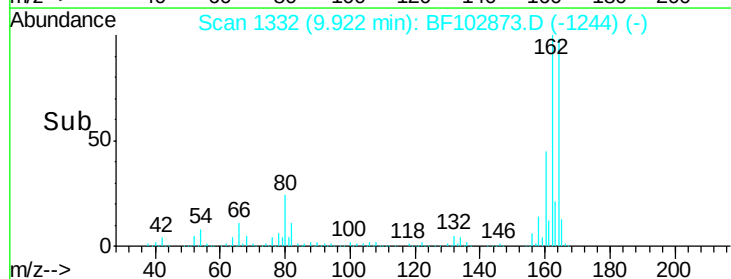
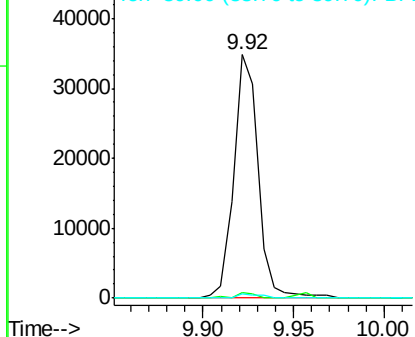


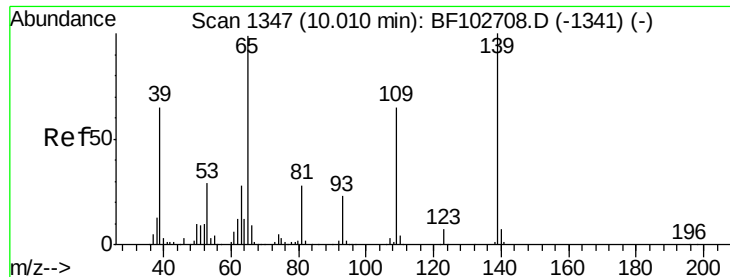
#50
2,6-Dinitrotoluene
Concen: 8.83 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion:165 Resp: 32549
Ion Ratio Lower Upper
165 100
63 2.0 44.7 67.1#
89 1.5 44.0 66.0#



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

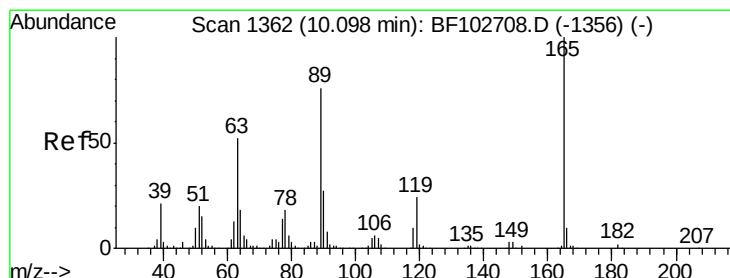
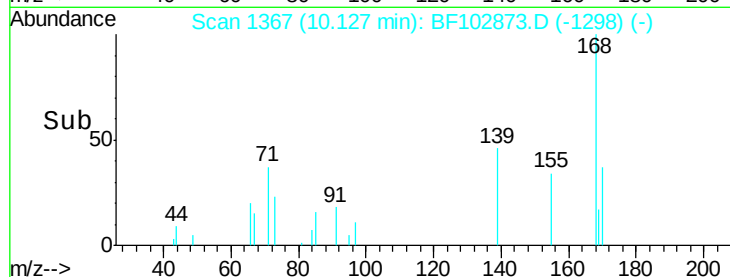
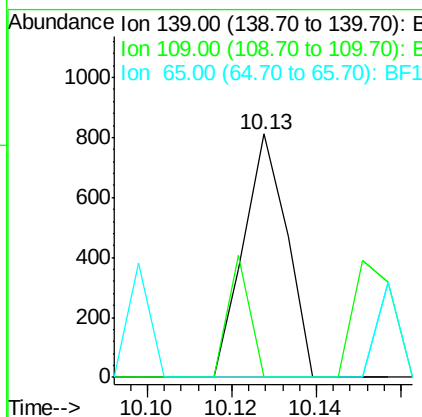
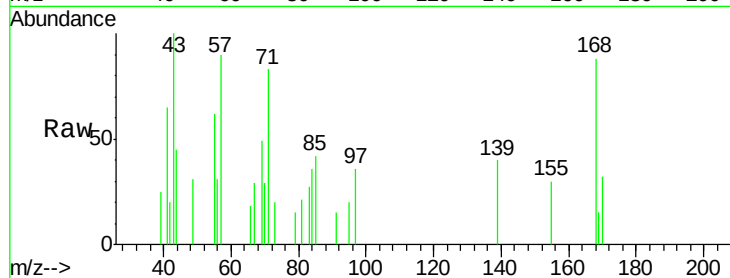




#55
4-Nitrophenol
Concen: 4.17 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

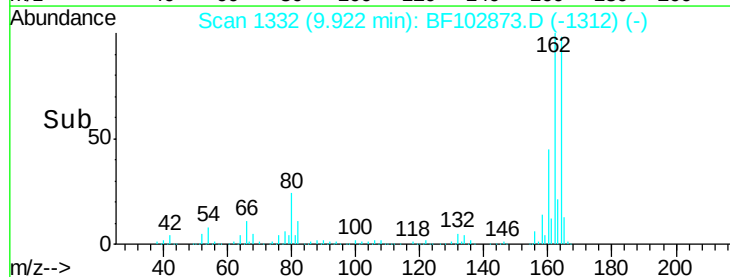
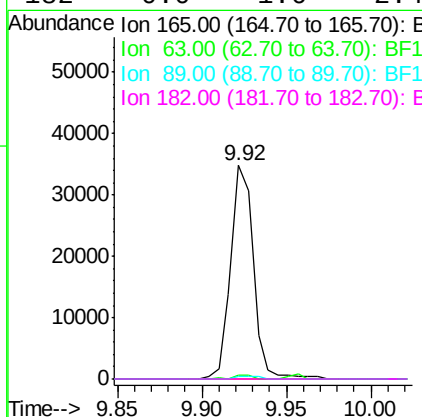
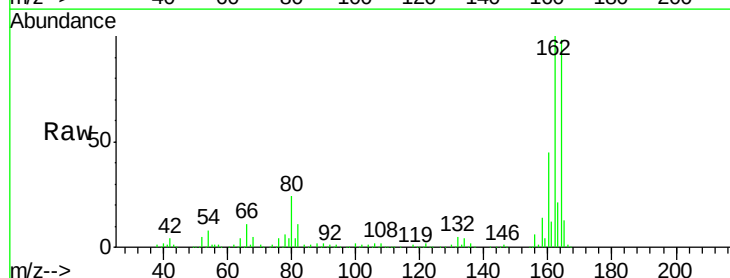
Instrument :
BNA_F
ClientSampled :

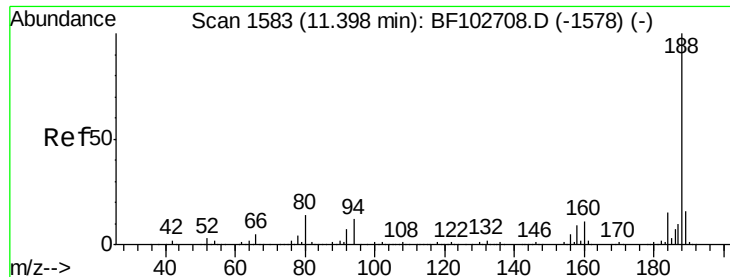
Tot Ion:139 Resp: 579
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.24 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion:165 Resp: 32549
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#

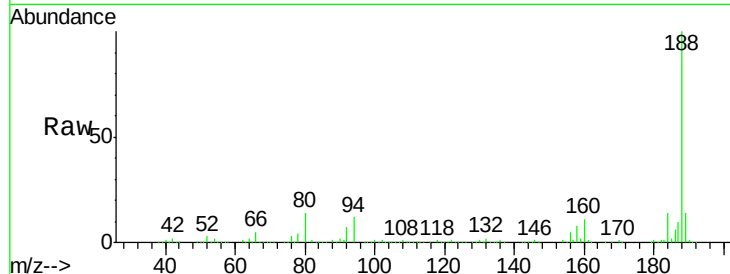




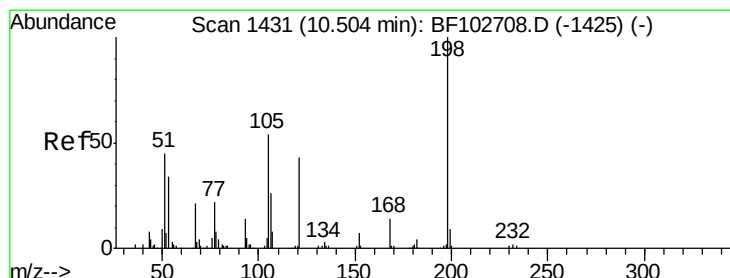
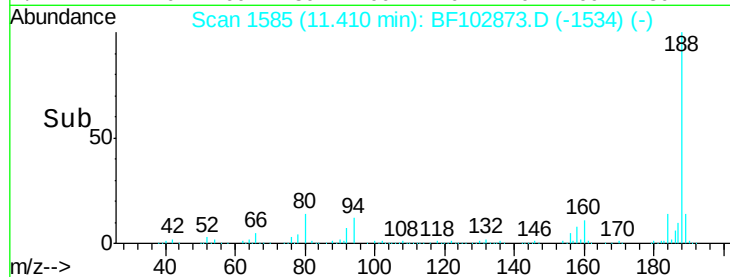
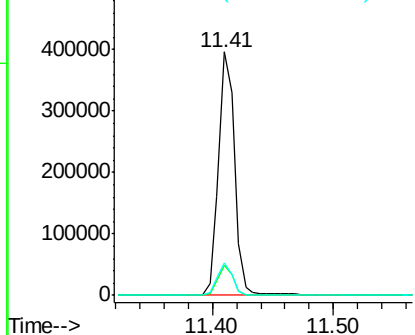
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 363941
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.5 9.2 13.8

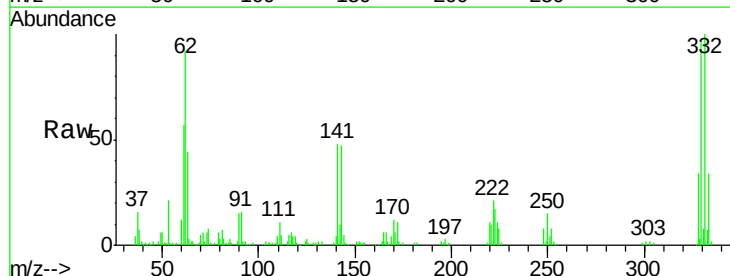


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

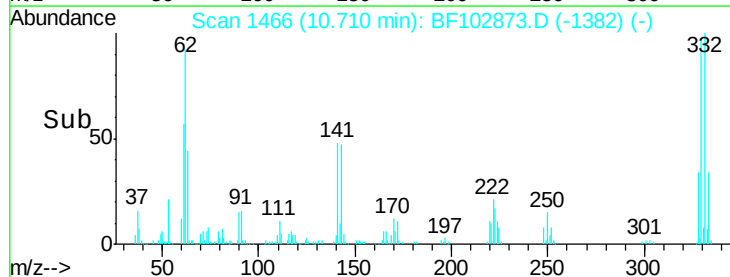
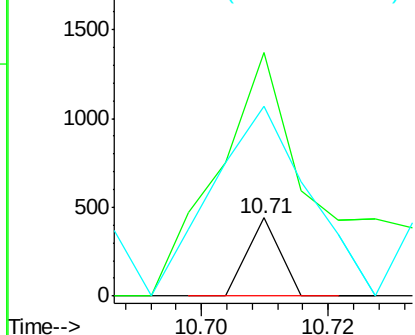


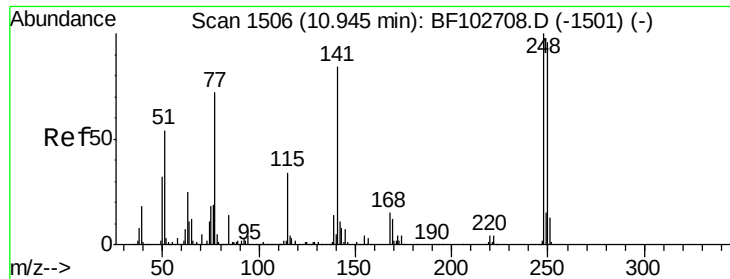
#64
4,6-Dinitro-2-methylphenol
Concen: 8.89 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion:198 Resp: 155
Ion Ratio Lower Upper
198 100
51 312.3 37.7 77.7#
105 243.1 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

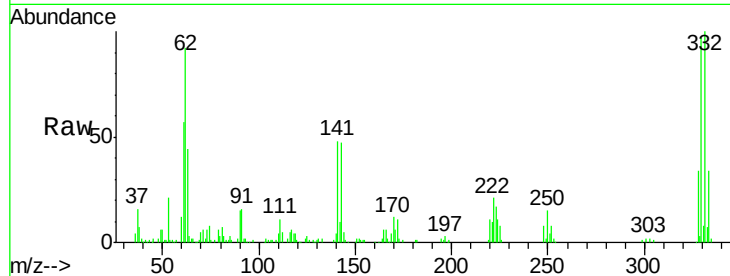




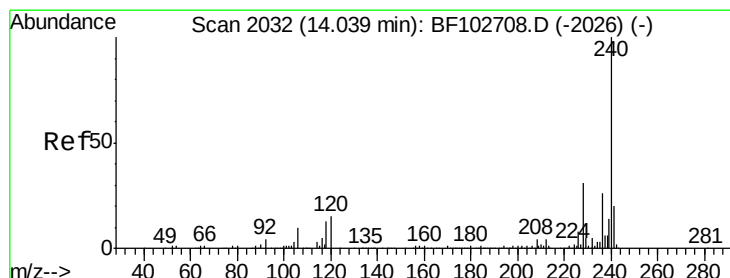
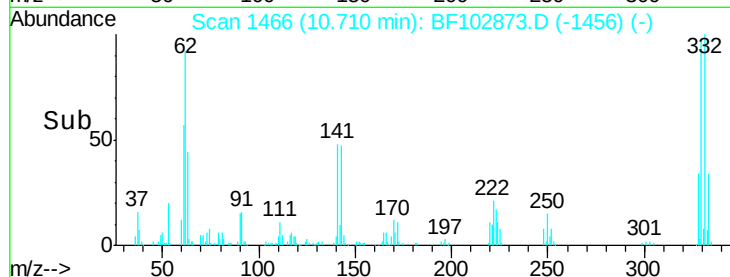
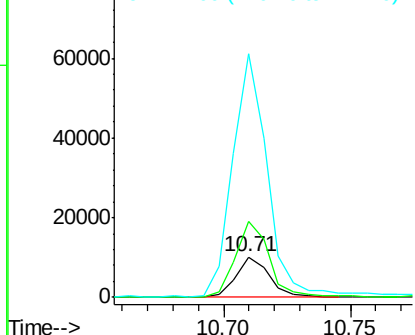
#66
 4-Bromophenyl-phenylether
 Concen: 2.38 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9168
 Ion Ratio Lower Upper
 248 100
 250 187.6 76.9 115.3#
 141 605.5 74.4 111.6#

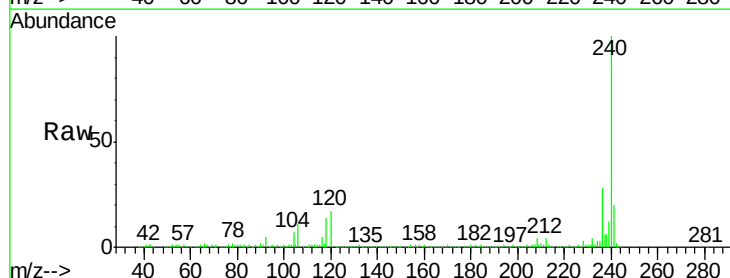


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

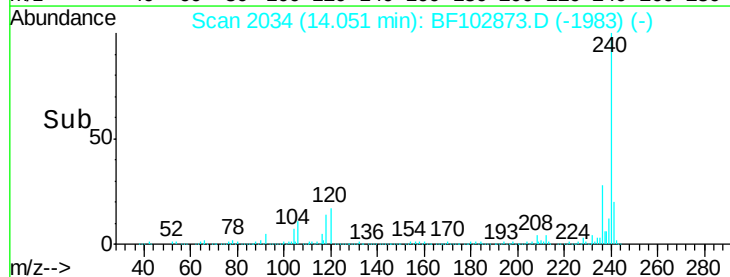
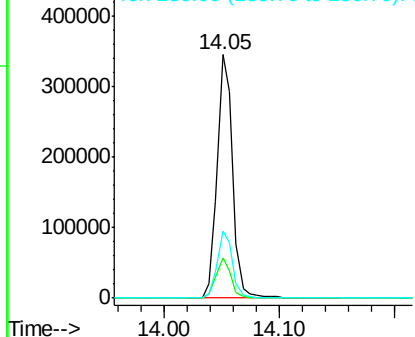


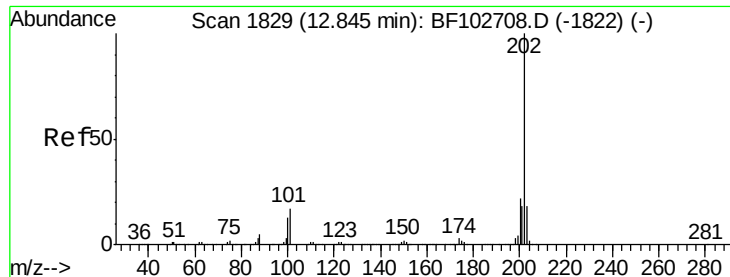
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

Tgt Ion:240 Resp: 322120
 Ion Ratio Lower Upper
 240 100
 120 16.5 9.5 14.3#
 236 27.7 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

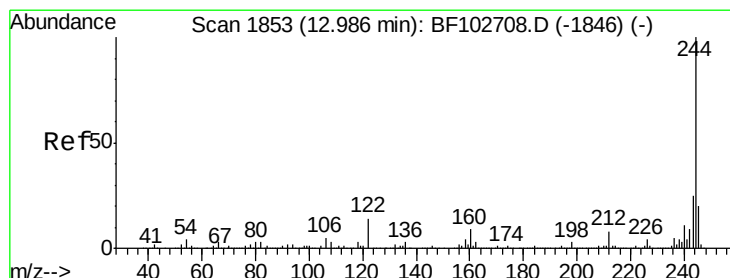
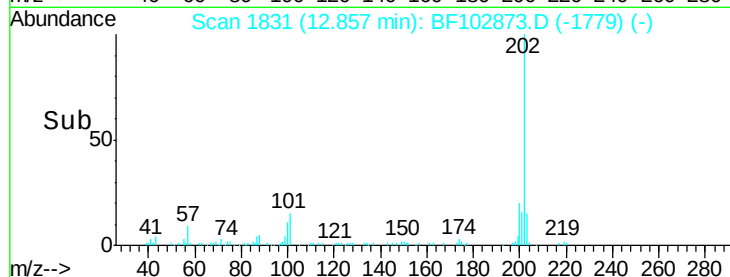
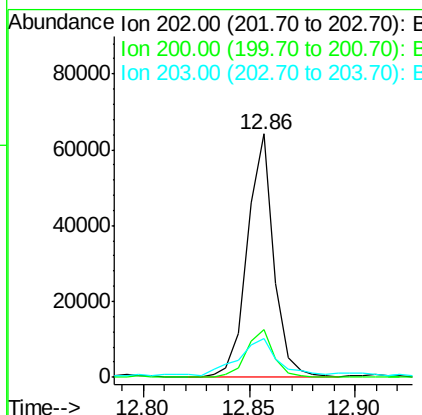
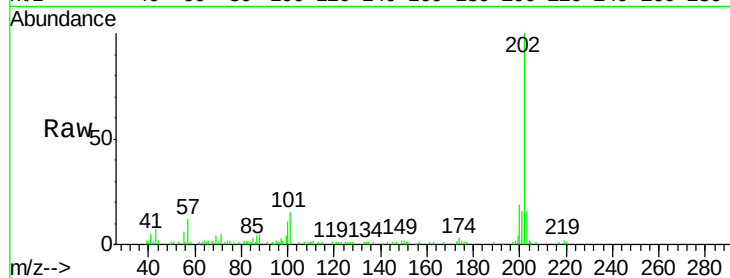




#77
Pvrene
Concen: 2.21 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

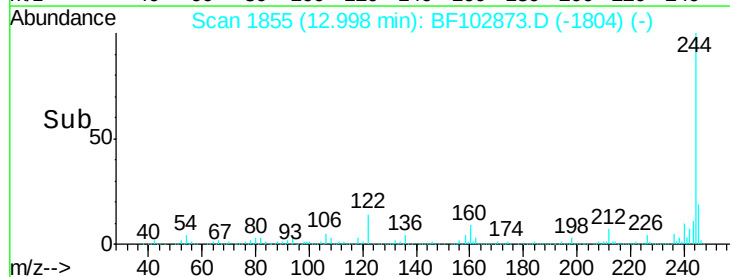
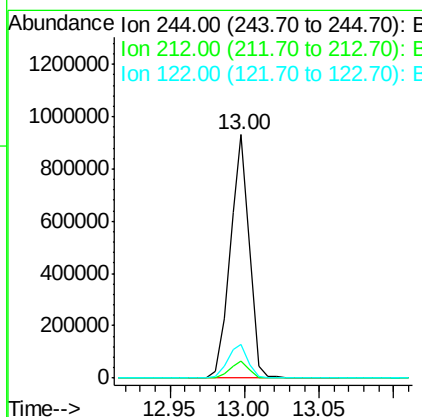
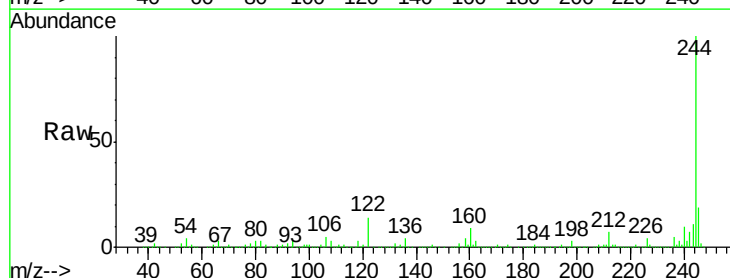
Instrument :
BNA_F
ClientSampleId :

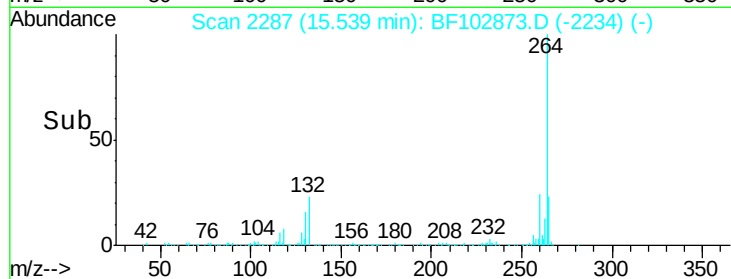
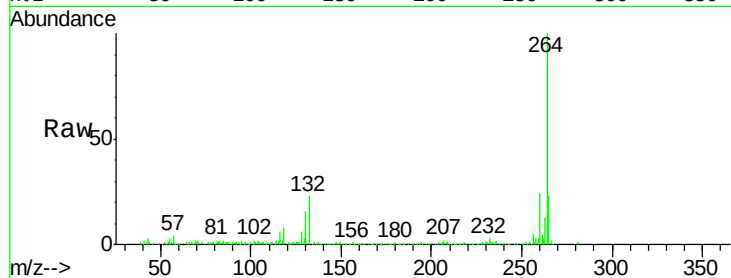
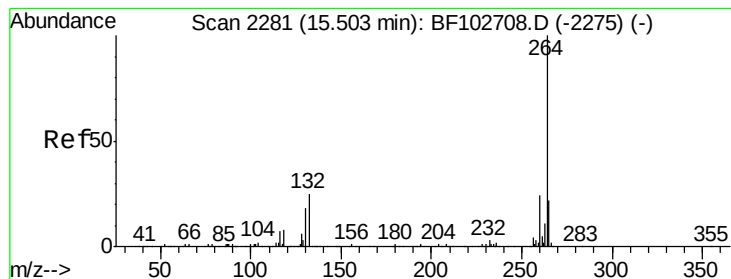
Tot Ion:202 Resp: 55864
Ion Ratio Lower Upper
202 100
200 19.4 17.4 26.2
203 15.8 14.3 21.5



#78
Terphenyl-d14
Concen: 61.77 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion:244 Resp: 840305
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.0 11.0 16.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 264131

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.6 17.5 26.3

