

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112537.D
 Acq On : 13 Feb 2019 14:24
 Operator : JU/SJ
 Sample : K1343-05 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Quant Time: Feb 14 04:10:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	101709	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	390421	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	171236	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	298488	20.00	ng	0.00
76) Chrysene-d12	14.02	240	255784	20.00	ng	0.00
87) Perylene-d12	15.50	264	210128	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	131109	27.38	ng	0.00
7) Phenol-d6	6.49	99	170907	25.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	101861	15.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	41630	20.89	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	204410	16.88	ng	-0.01
79) Terphenyl-d14	12.94	244	181323	13.35	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.49	77	118	0.034	ng	# 1
10) Phenol	6.50	94	2187	0.300	ng	# 1
15) Benzyl Alcohol	6.99	79	2139	0.381	ng	# 48
18) Hexachloroethane	7.36	117	251	0.093	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	13865	3.022	ng	# 75
22) Acetophenone	7.23	105	1011	0.106	ng	# 50
24) Nitrobenzene	7.40	77	302	0.045	ng	# 37
25) Isophorone	7.40	82	101861	9.583	ng	# 63
28) bis(2-Chloroethoxy)methane	8.12	93	122	0.017	ng	# 1
31) Naphthalene	8.14	128	2881	0.158	ng	# 99
33) 4-Chloroaniline	8.14	127	260	0.033	ng	# 29
35) Caprolactam	8.53	113	591	0.300	ng	# 1
37) 2-Methylnaphthalene	8.84	142	2680	0.214	ng	# 89
38) 1-Methylnaphthalene	8.93	142	2184	0.182	ng	# 84
46) 1,1'-Biphenyl	9.29	154	1335	0.089	ng	# 74
48) 2-Nitroaniline	9.43	65	112	0.035	ng	# 1
49) Acenaphthylene	9.74	152	2260	0.133	ng	# 95
50) Dimethylphthalate	9.59	163	18722	1.407	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	23526	7.896	ng	# 34
52) Acenaphthene	9.90	154	2432	0.239	ng	# 87
55) Dibenzofuran	10.09	168	1919	0.124	ng	# 83
56) 4-Nitrophenol	10.09	139	842	0.493	ng	# 70
57) 2,4-Dinitrotoluene	9.87	165	23831	6.282	ng	# 32
58) Fluorene	10.43	166	3478	0.299	ng	# 87
60) Diethylphthalate	10.28	149	745	0.056	ng	# 58
61) 4-Chlorophenyl-phenylether	10.14	204	464	0.073	ng	# 29
63) Azobenzene	10.54	77	378	0.033	ng	# 15
66) n-Nitrosodiphenylamine	10.56	169	628	0.062	ng	# 12
67) 4-Bromophenyl-phenylether	10.67	248	2312	0.659	ng	# 1
69) Atrazine	11.07	200	125	0.039	ng	# 34
71) Phenanthrene	11.39	178	32221	2.076	ng	# 100
72) Anthracene	11.45	178	7028	0.455	ng	# 97
73) Carbazole	11.61	167	3270	0.214	ng	# 89
74) Di-n-butylphthalate	11.91	149	1666	0.088	ng	# 77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) Fluoranthene	12.58	202	41020	2.465	ng	100
77) Benzidine	12.70	184	114	0.016	ng #	1
78) Pyrene	12.82	202	38955	2.200	ng	95
80) Butylbenzylphthalate	13.43	149	318	0.037	ng #	44
81) Benzo(a)anthracene	14.00	228	19614	1.304	ng #	96
82) 3,3'-Dichlorobenzidine	13.96	252	258	0.046	ng #	60
83) Chrysene	14.04	228	18847	1.313	ng #	96
84) Bis(2-ethylhexyl)phthalate	13.97	149	1739	0.143	ng #	65
85) Di-n-octyl phthalate	14.59	149	874	0.047	ng #	55
86) Indeno(1,2,3-cd)pyrene	16.94	276	237	0.021	ng #	1
88) Benzo(b)fluoranthene	15.06	252	25690	2.044	ng #	68
89) Benzo(k)fluoranthene	15.06	252	25690	2.134	ng #	68
90) Benzo(a)pyrene	15.43	252	14187	1.255	ng #	71
91) Dibenzo(a,h)anthracene	16.99	278	2124	0.233	ng #	1
92) Benzo(g,h,i)perylene	17.46	276	10236	1.191	ng #	75

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

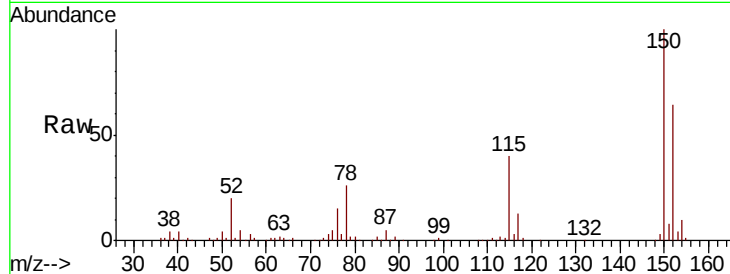


#1

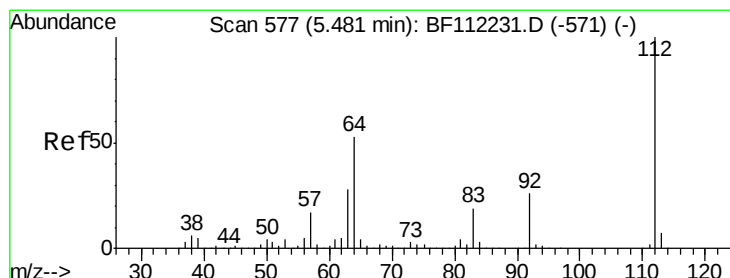
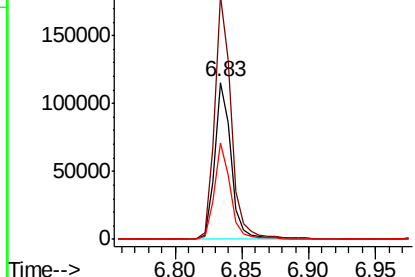
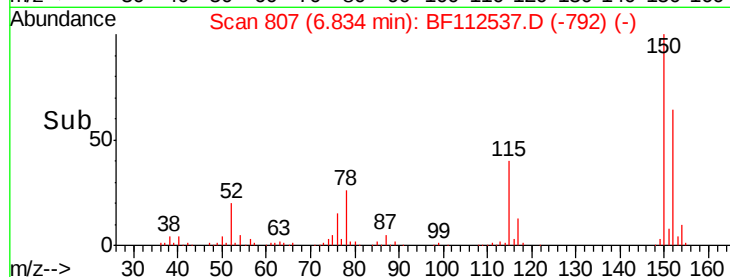
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Instrument :
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 JC-02-021119-C

Tgt Ion:152 Resp: 101709
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.4 191.0
 115 61.6 45.5 68.3



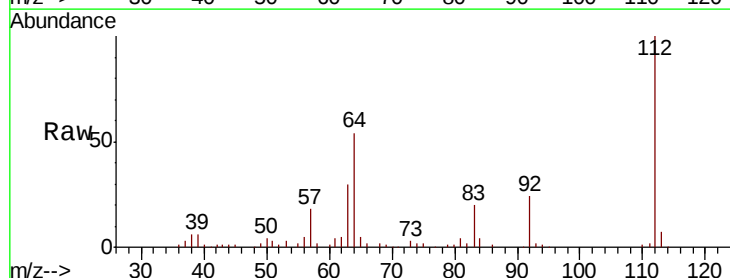
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



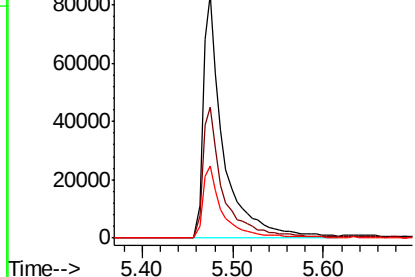
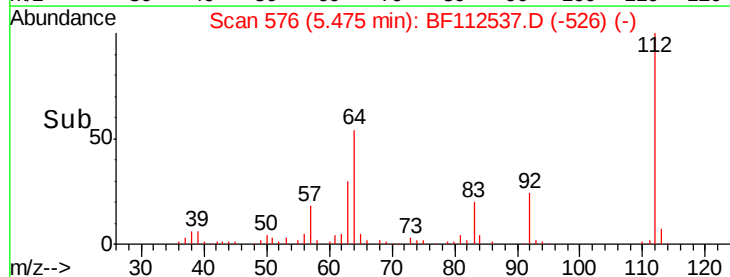
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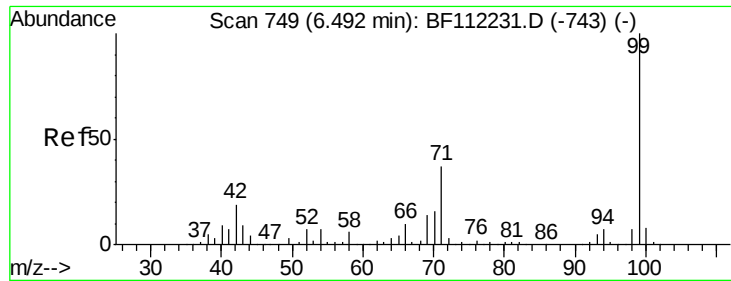
2-Fluorophenol
 Concen: 27.380 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion:112 Resp: 131109
 Ion Ratio Lower Upper
 112 100
 64 53.8 45.7 68.5
 63 29.5 23.6 35.4



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: 25.686 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

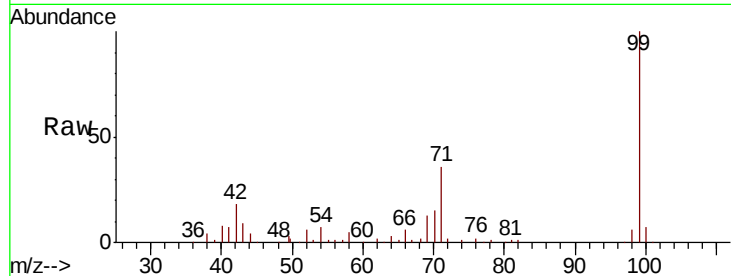
Tgt Ion: 99 Resp: 170907

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

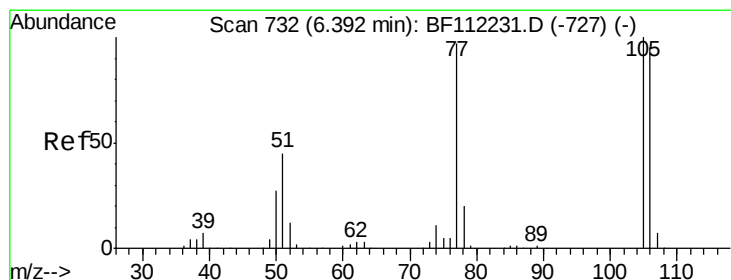
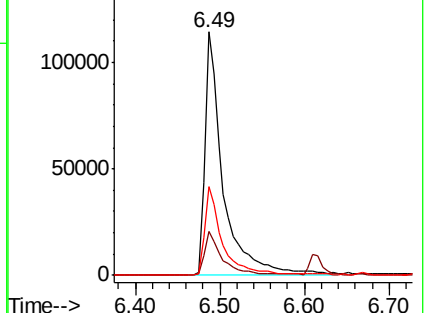
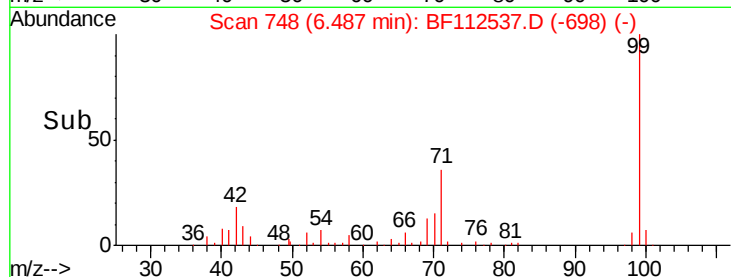
71 36.4 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.034 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.09 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

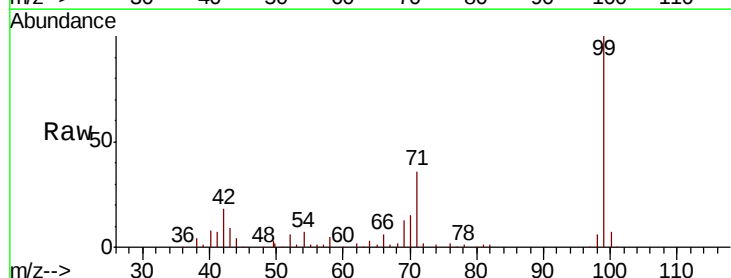
Tgt Ion: 77 Resp: 118

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

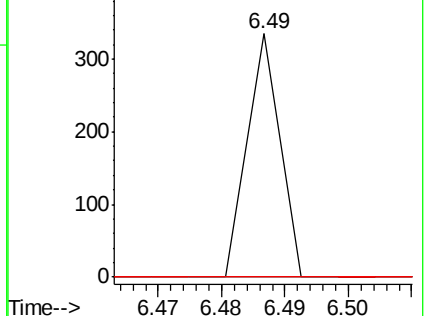
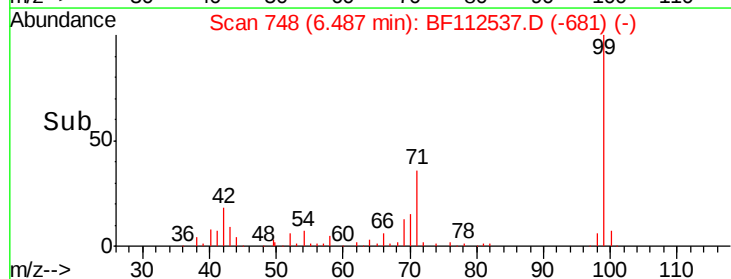
106 0.0 75.7 115.7#

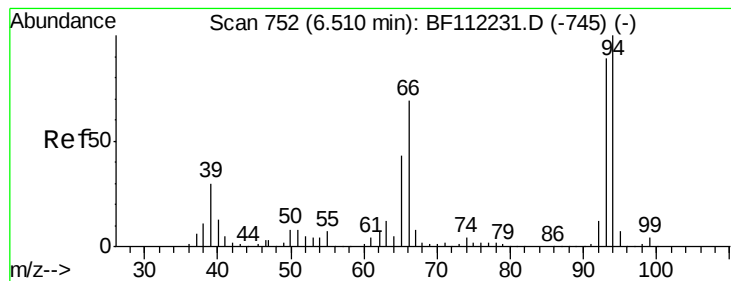


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.300 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

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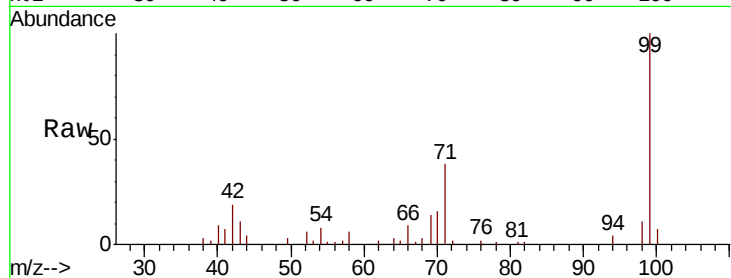
Tgt Ion: 94 Resp: 2187

Ion Ratio Lower Upper

94 100

65 62.0 20.3 60.3#

66 239.7 42.4 82.4#

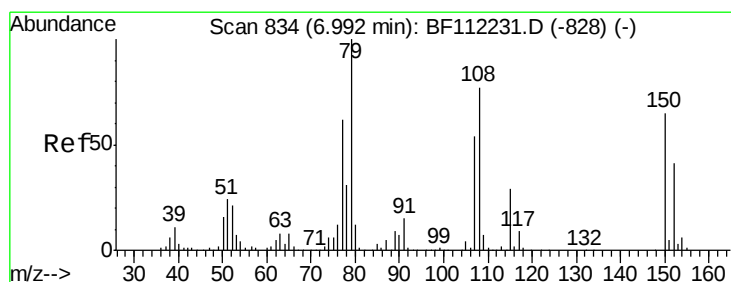
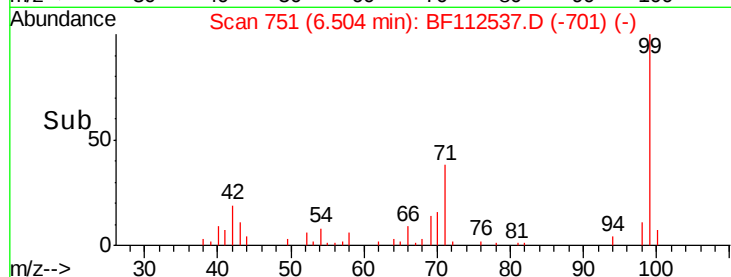
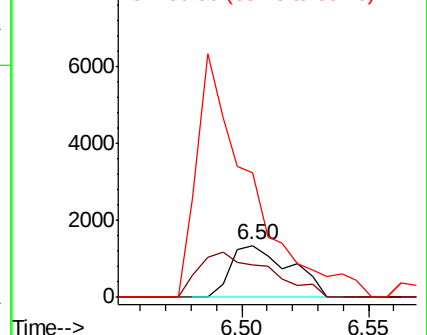


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 0.381 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

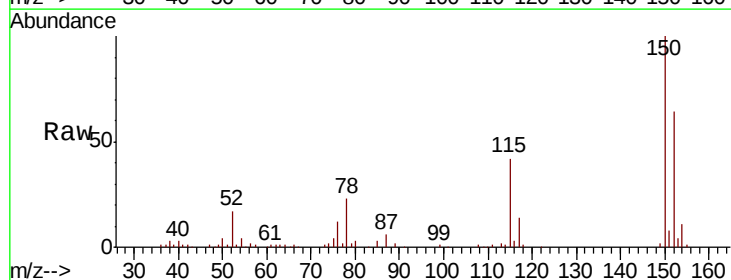
Tgt Ion: 79 Resp: 2139

Ion Ratio Lower Upper

79 100

108 34.3 64.2 96.2#

77 103.7 50.3 75.5#

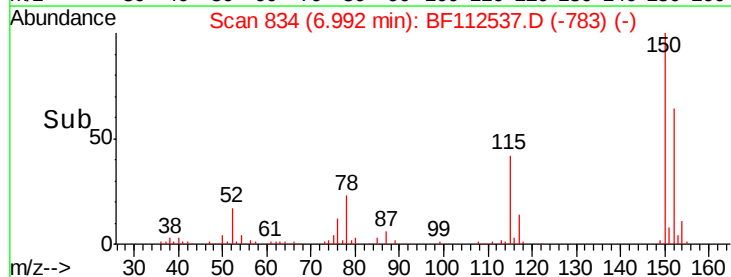
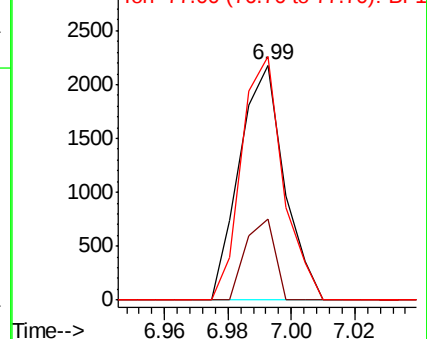


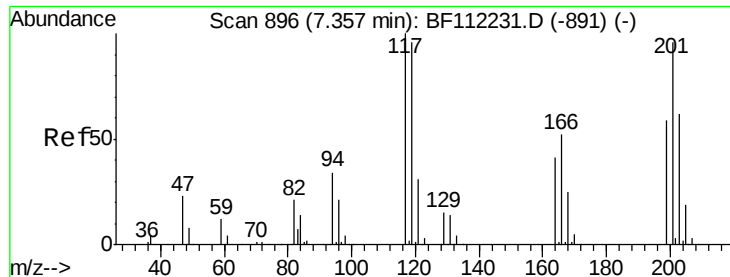
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

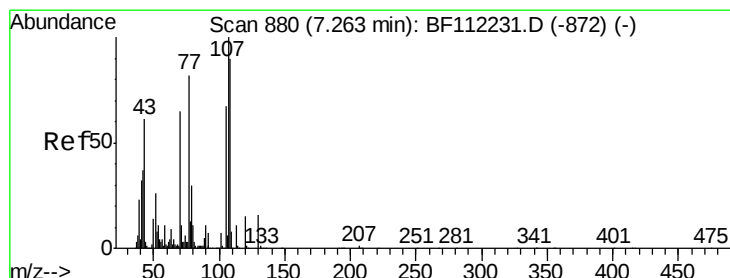
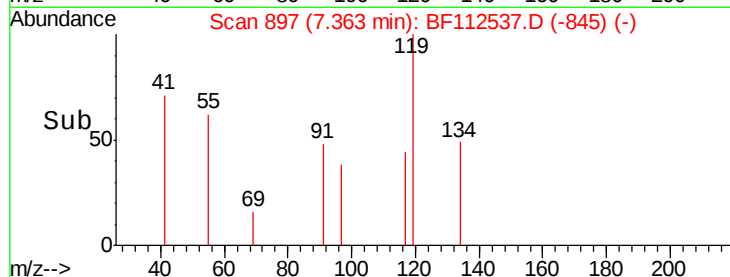
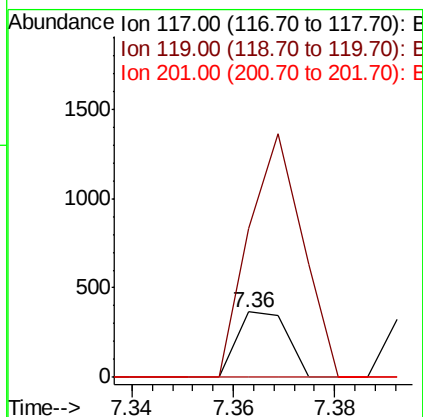
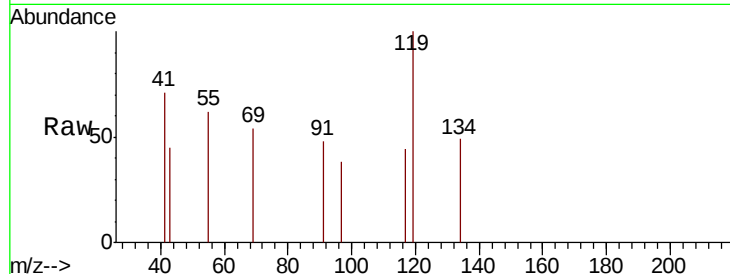




#18
Hexachloroethane
Concen: 0.093 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

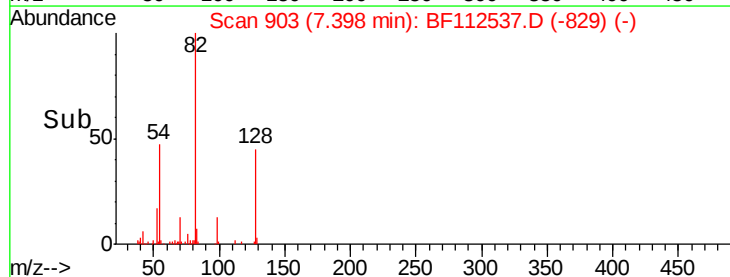
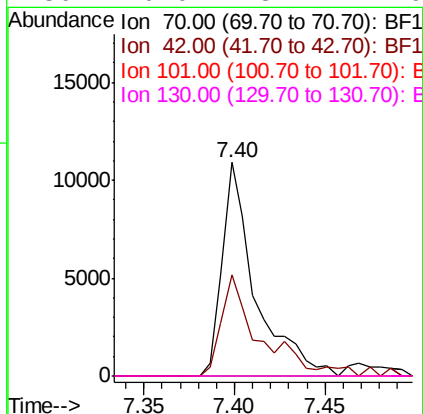
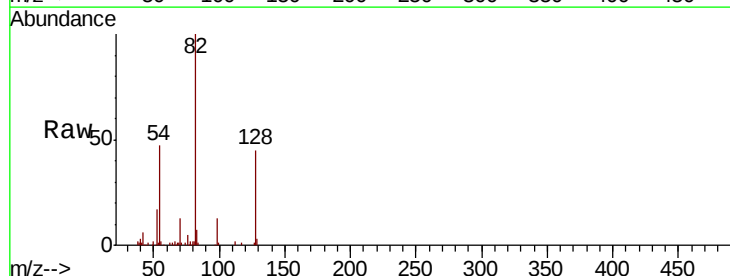
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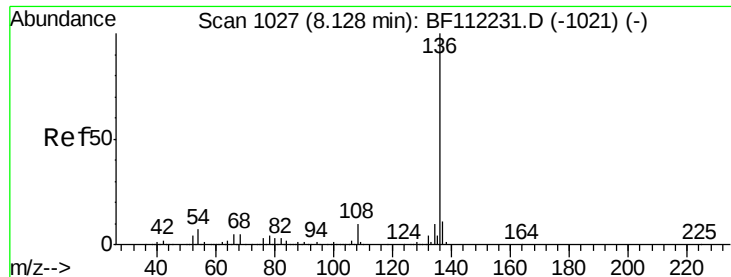
Tgt Ion: 117 Resp: 251
Ion Ratio Lower Upper
117 100
119 227.8 77.0 115.4#
201 0.0 74.1 111.1#



#19
n-Nitroso-di-n-propylamine
Concen: 3.022 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion: 70 Resp: 13865
Ion Ratio Lower Upper
70 100
42 47.1 47.6 71.4#
101 0.0 7.9 11.9#
130 0.0 18.4 27.6#

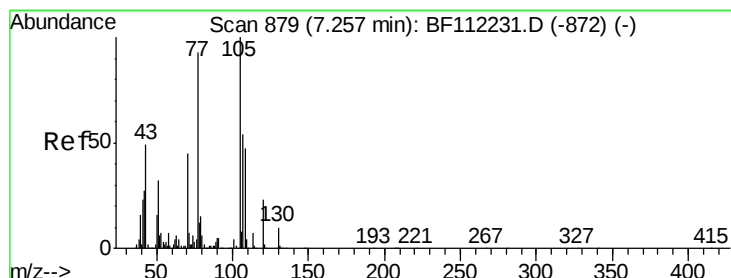
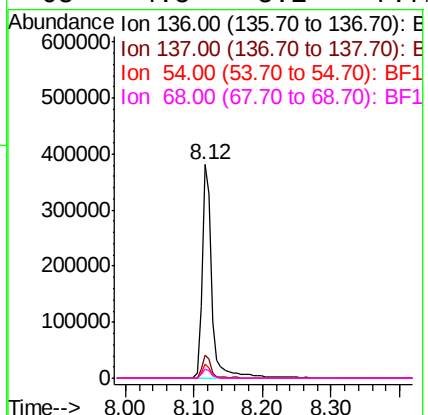
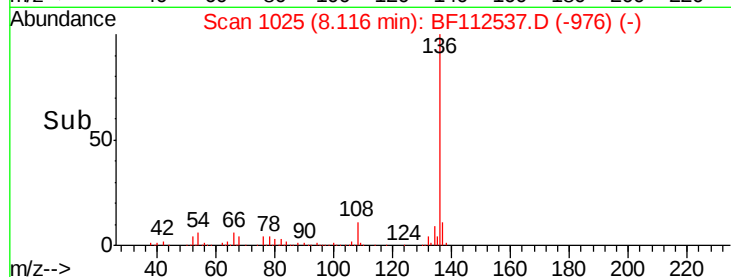
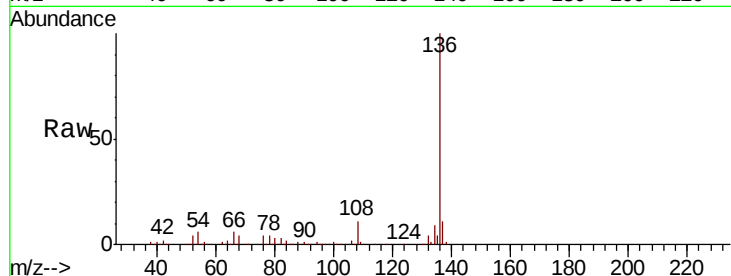




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

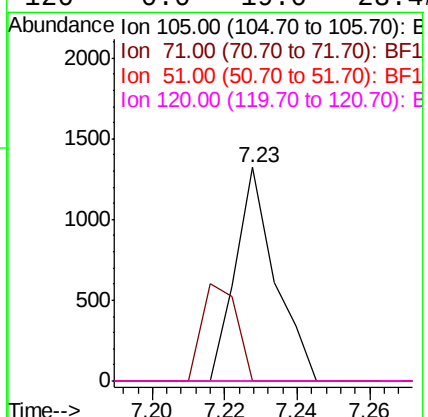
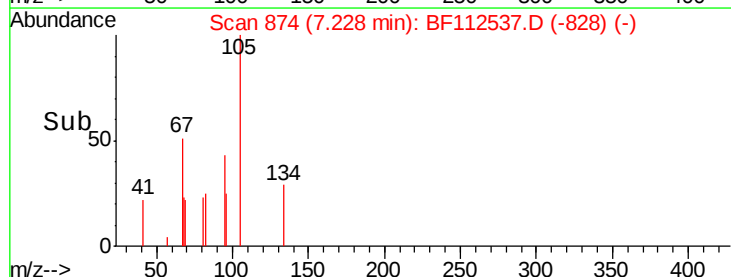
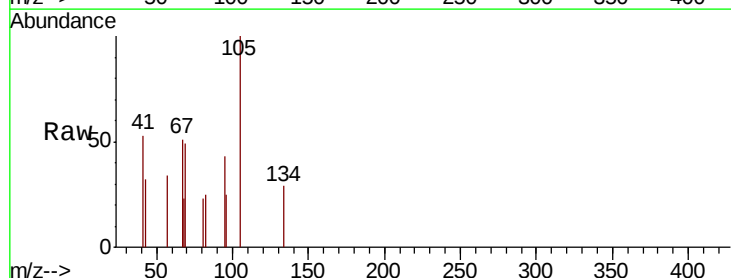
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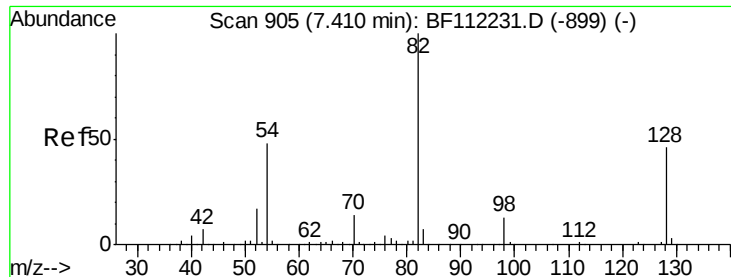
Tgt Ion:	136	Resp:	390421
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	6.4	5.9	8.9
68	4.5	5.1	7.7#



#22
Acetophenone
Concen: 0.106 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112537.D
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Tgt Ion:	105	Resp:	1011
Ion Ratio	Lower	Upper	
105	100		
71	0.0	4.6	6.8#
51	0.0	25.0	37.6#
120	0.0	19.0	28.4#

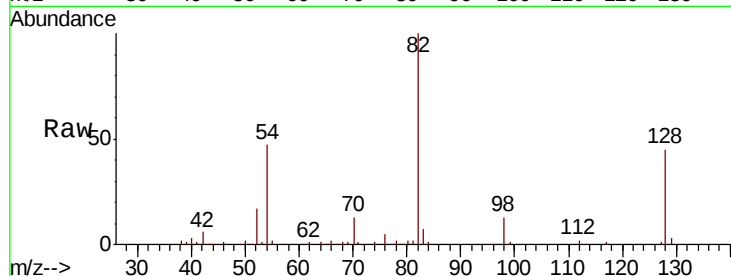




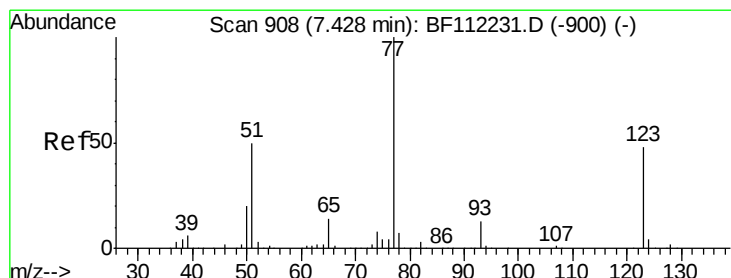
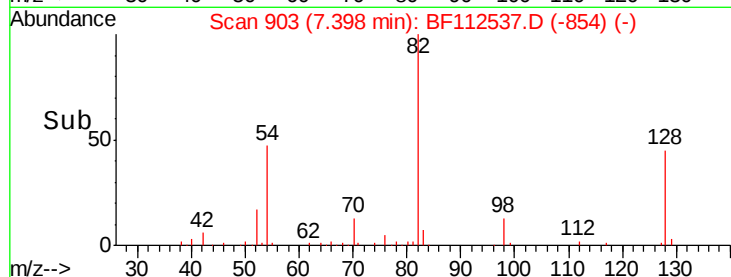
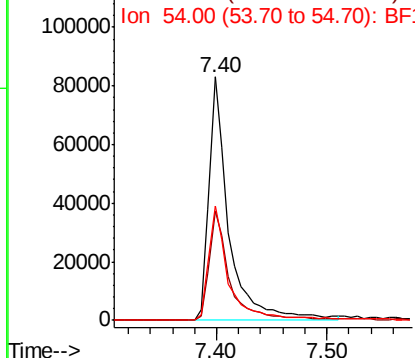
#23
 Nitrobenzene-d5
 Concen: 15.033 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112537.D
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Instrument :
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Tgt Ion: 82 Resp: 101861
 Ion Ratio Lower Upper
 82 100
 128 44.8 37.8 56.8
 54 47.2 39.7 59.5

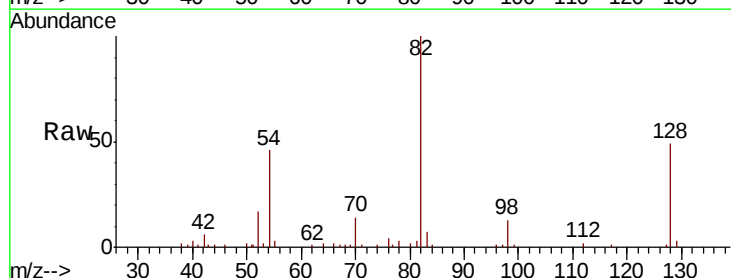


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

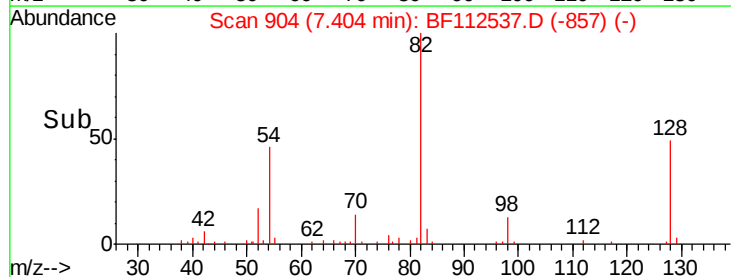
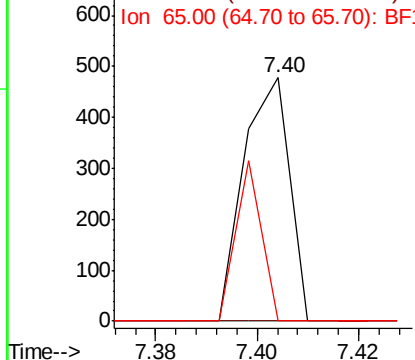


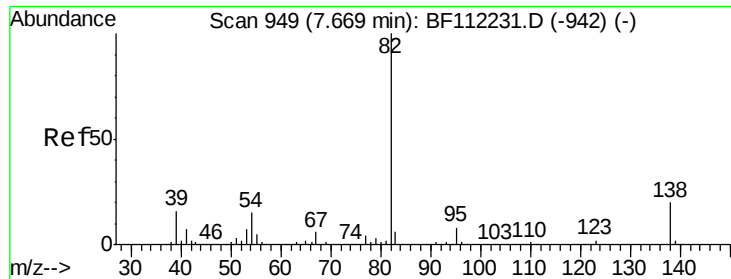
#24
 Nitrobenzene
 Concen: 0.045 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion: 77 Resp: 302
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.4 57.6#
 65 0.0 10.6 15.8#



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





#25

Isophorone

Concen: 9.583 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

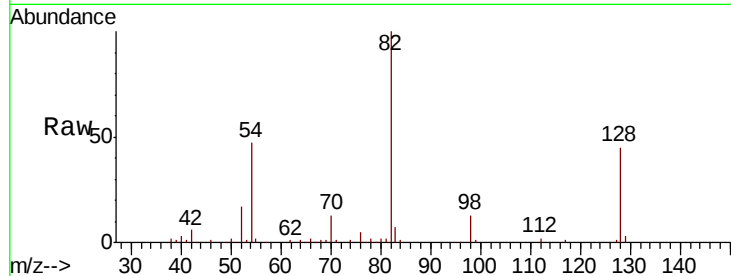
Tgt Ion: 82 Resp: 101861

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

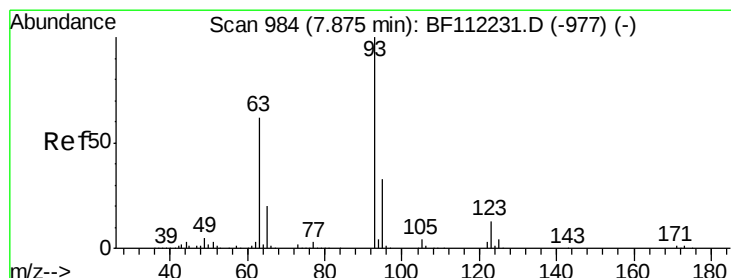
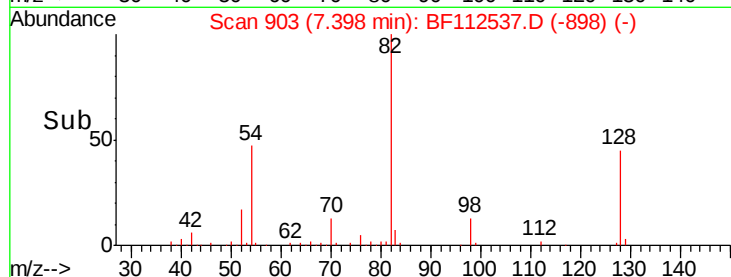
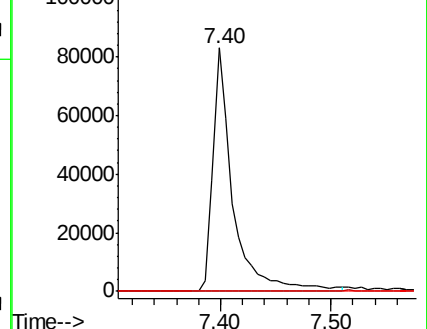
138 0.0 15.4 23.0#



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): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.017 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.25 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

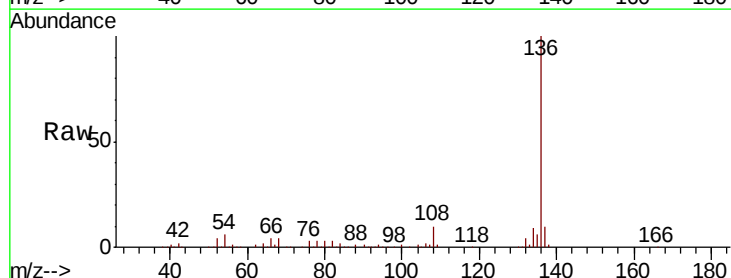
Tgt Ion: 93 Resp: 122

Ion Ratio Lower Upper

93 100

95 201.7 26.8 40.2#

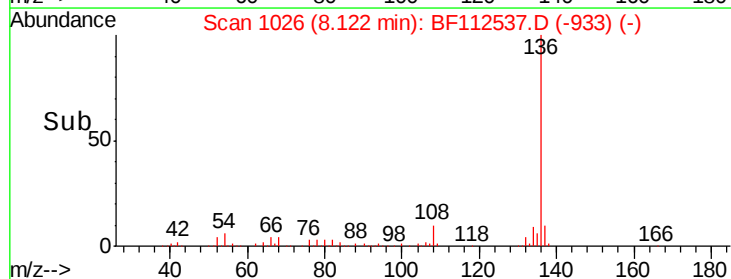
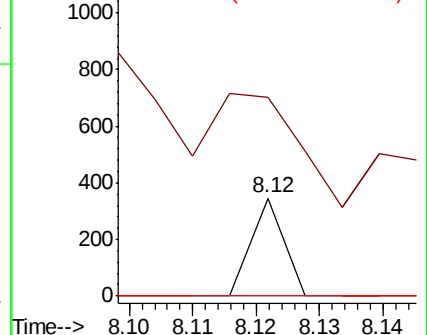
123 0.0 10.2 15.2#

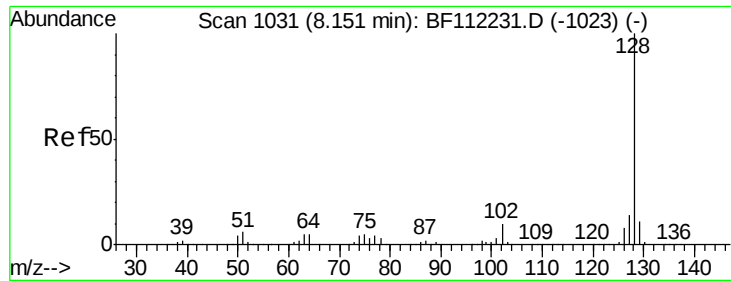


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

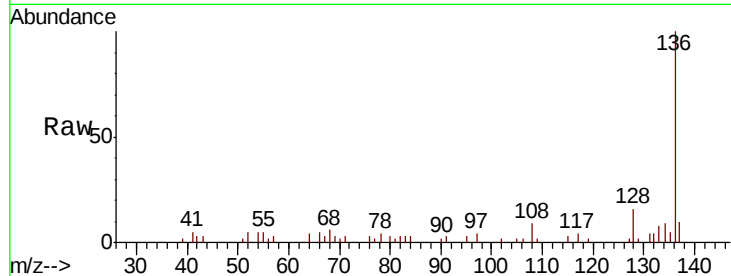




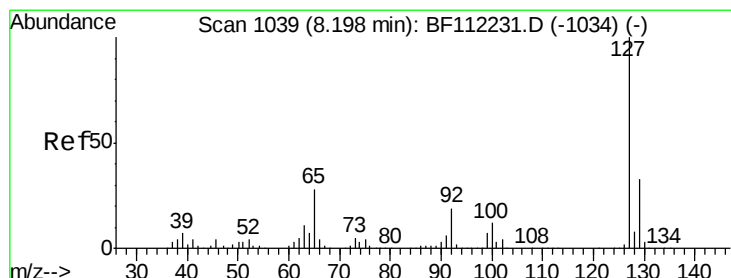
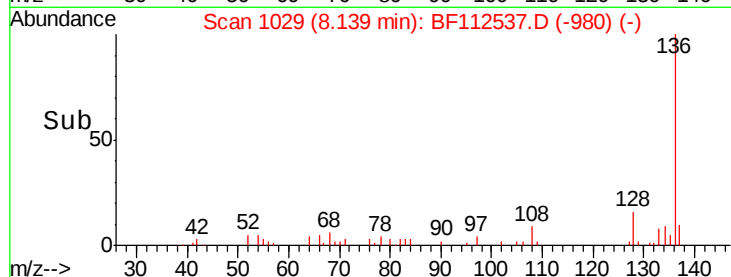
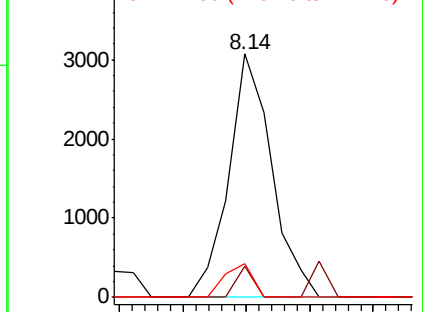
#31
Naphthalene
Concen: 0.158 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion:128 Resp: 2881
Ion Ratio Lower Upper
128 100
129 12.8 9.6 14.4
127 14.1 11.1 16.7

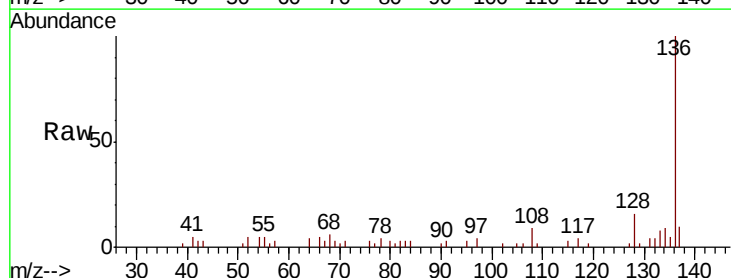


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

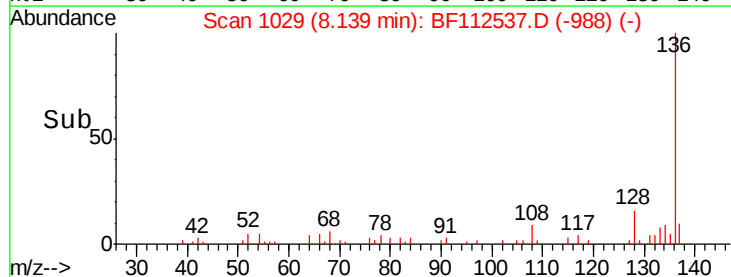
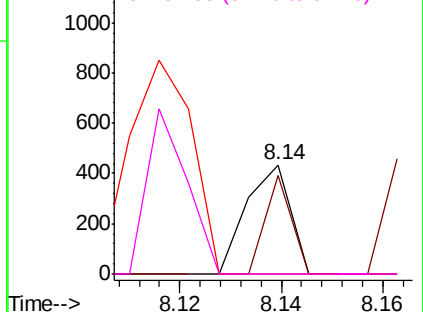


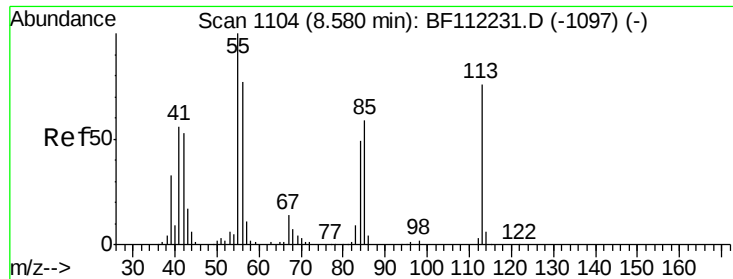
#33
4-Chloroaniline
Concen: 0.033 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:127 Resp: 260
Ion Ratio Lower Upper
127 100
129 91.0 26.6 39.8#
65 0.0 21.4 32.2#
92 0.0 14.2 21.2#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

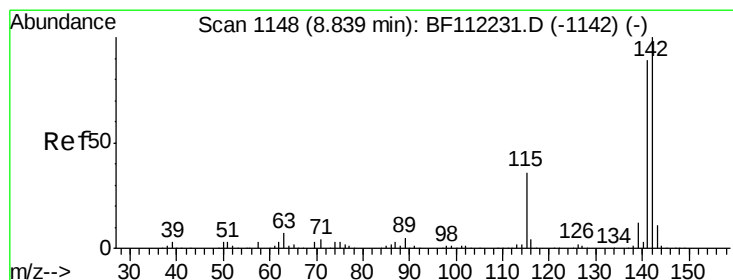
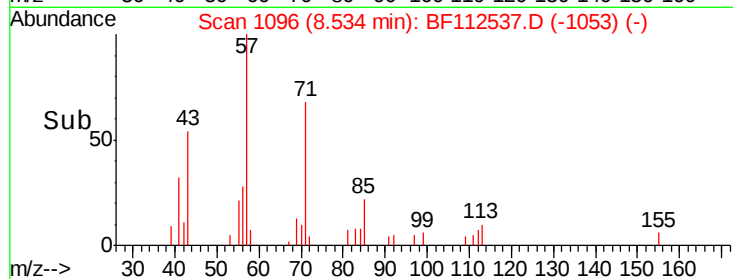
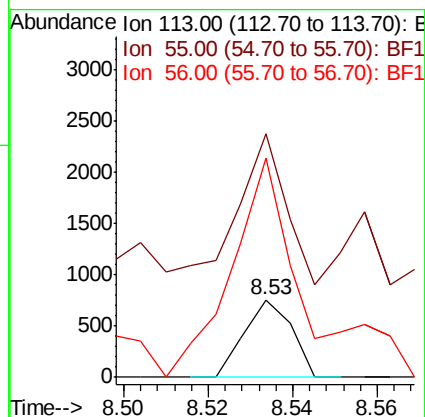
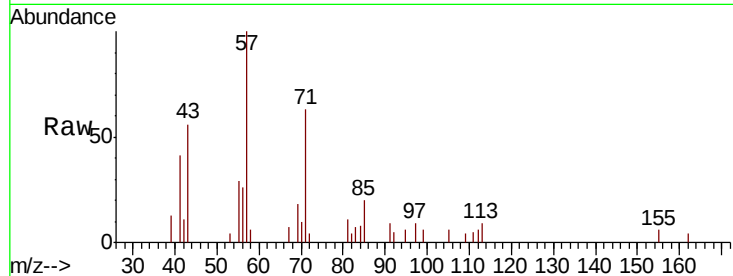




#35
 Caprolactam
 Concen: 0.300 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

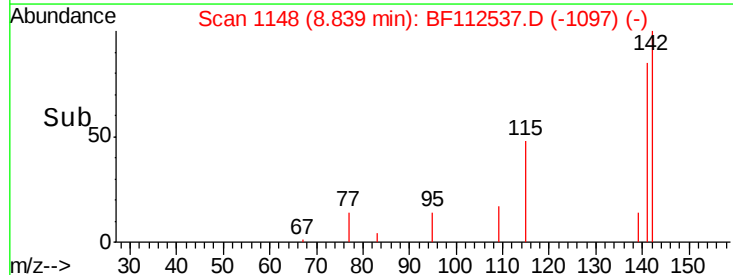
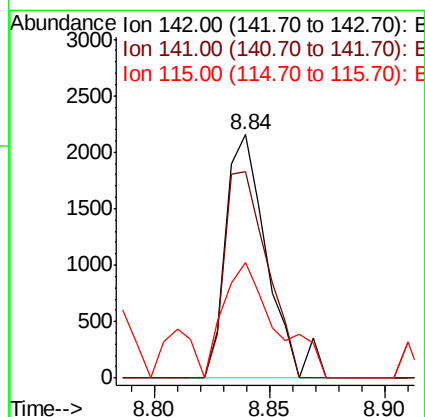
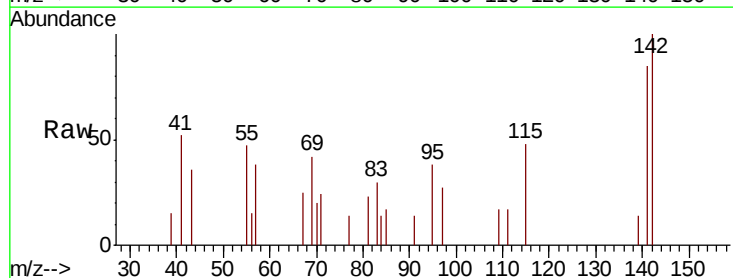
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

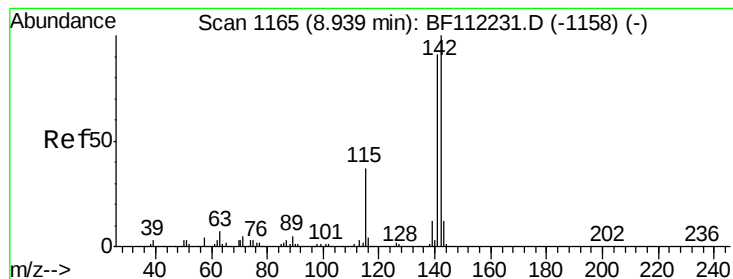
Tgt Ion:113 Resp: 591
 Ion Ratio Lower Upper
 113 100
 55 313.7 121.6 161.6#
 56 282.3 86.7 126.7#



#37
 2-Methylnaphthalene
 Concen: 0.214 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion:142 Resp: 2680
 Ion Ratio Lower Upper
 142 100
 141 84.7 70.9 106.3
 115 47.6 24.9 37.3#





#38

1-Methylnaphthalene

Concen: 0.182 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

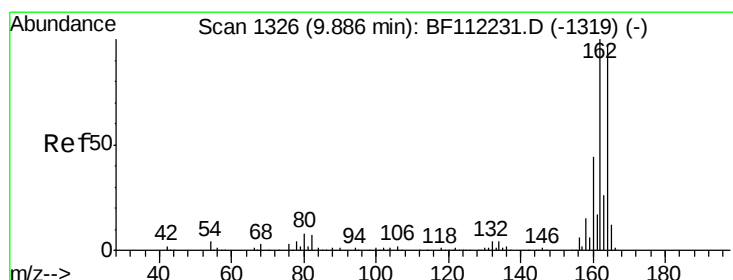
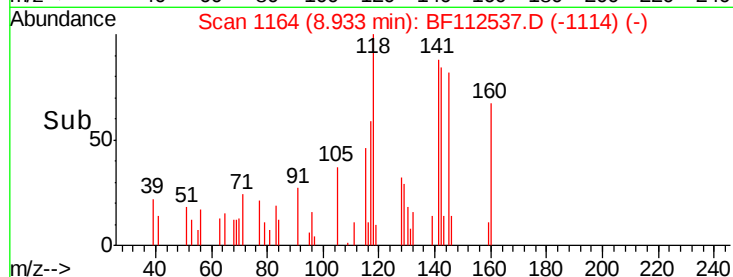
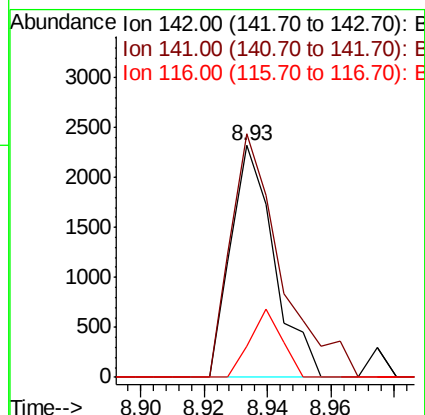
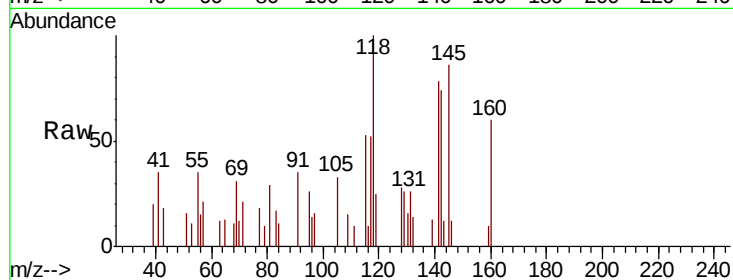
Tgt Ion:142 Resp: 2184

Ion Ratio Lower Upper

142 100

141 105.1 72.6 108.8

116 13.2 2.8 4.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

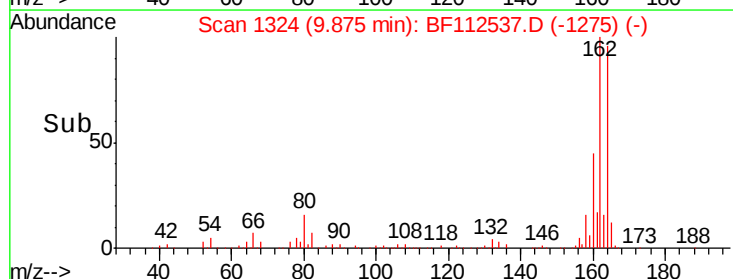
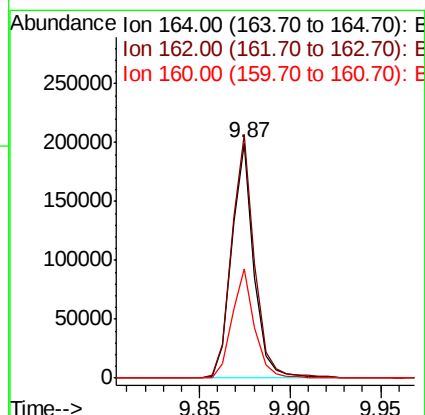
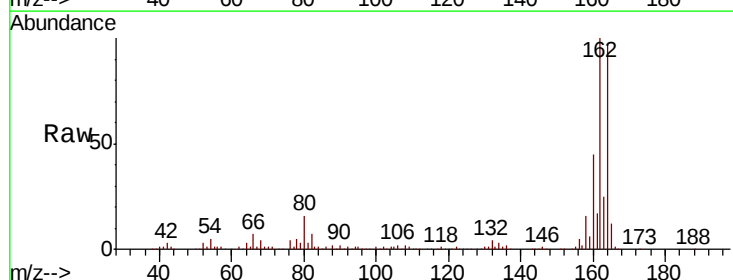
Tgt Ion:164 Resp: 171236

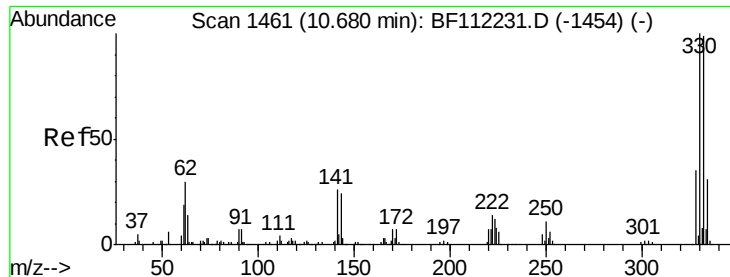
Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.4

160 46.3 36.2 54.4

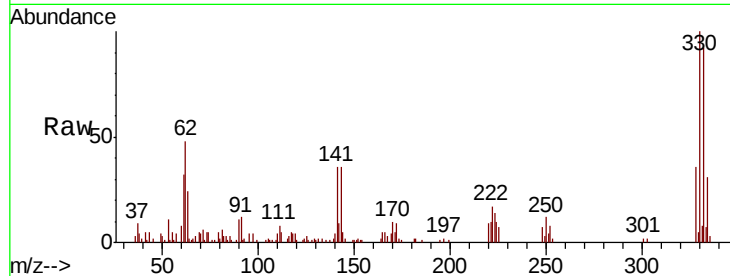




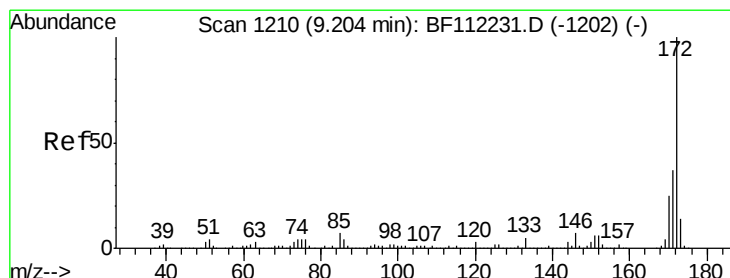
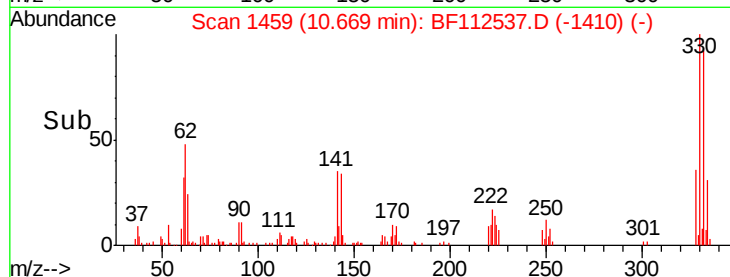
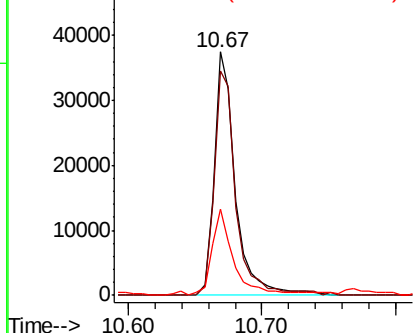
#42
 2,4,6-Tribromophenol
 Concen: 20.887 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Tgt Ion: 330 Resp: 41630
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 37.1 24.3 36.5#

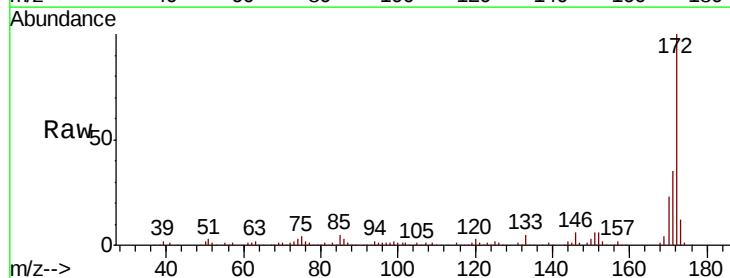


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

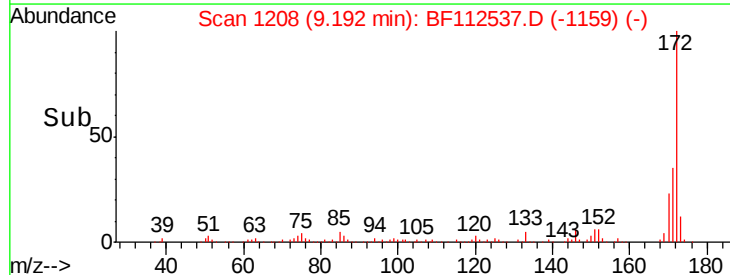
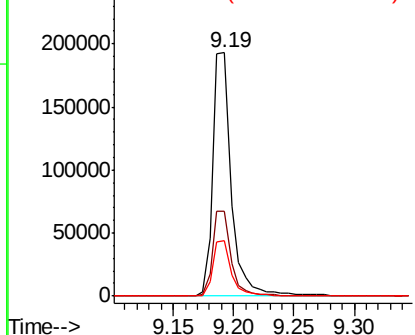


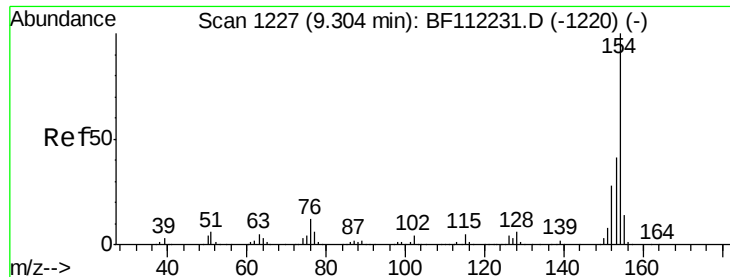
#45
 2-Fluorobiphenyl
 Concen: 16.883 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion: 172 Resp: 204410
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.5 45.7
 170 22.9 20.2 30.4



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

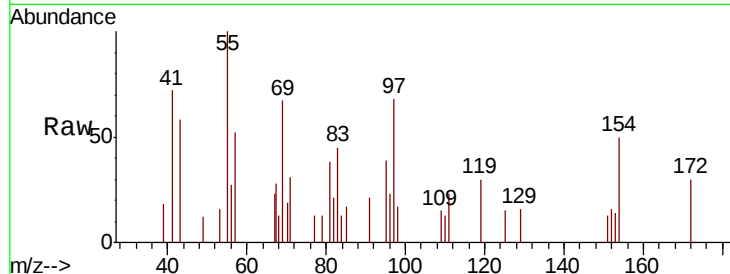




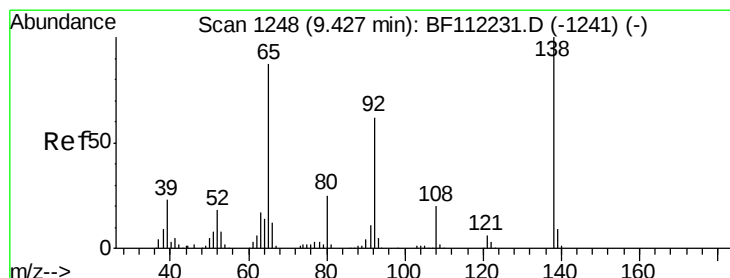
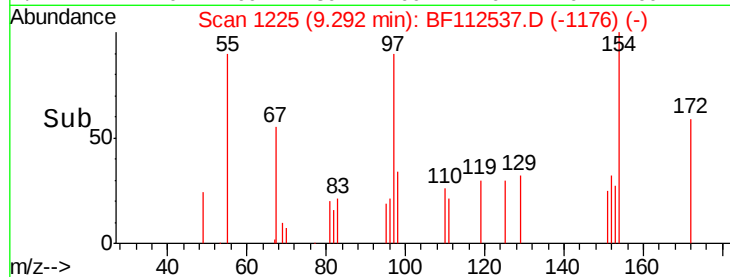
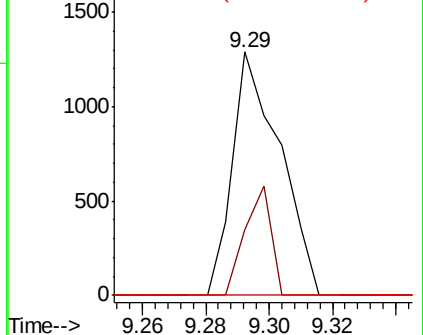
#46
 1,1'-Biphenyl
 Concen: 0.089 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Tgt Ion: 154 Resp: 1335
 Ion Ratio Lower Upper
 154 100
 153 26.8 21.5 61.5
 76 0.0 0.0 33.1

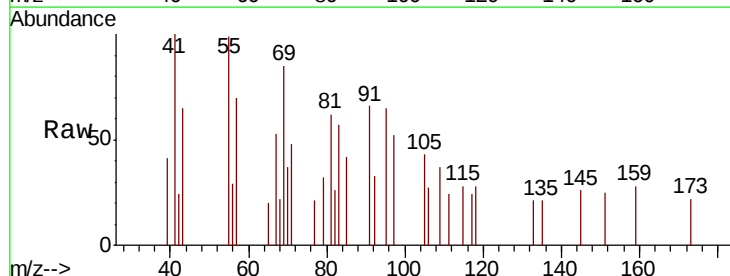


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

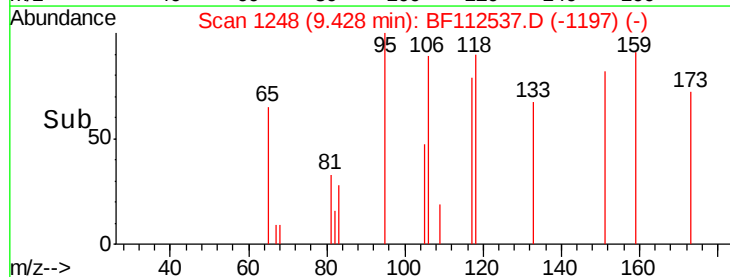
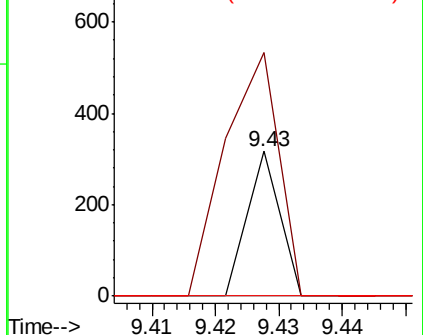


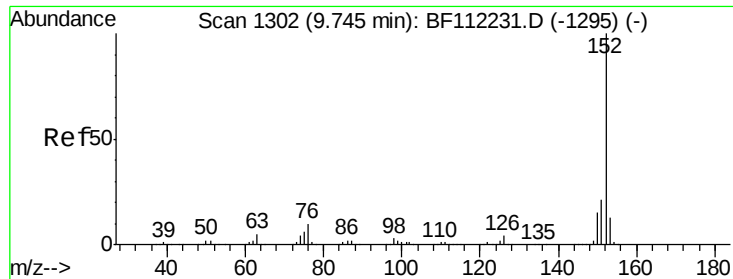
#48
 2-Nitroaniline
 Concen: 0.035 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion: 65 Resp: 112
 Ion Ratio Lower Upper
 65 100
 92 168.1 60.4 90.6#
 138 0.0 104.4 156.6#



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

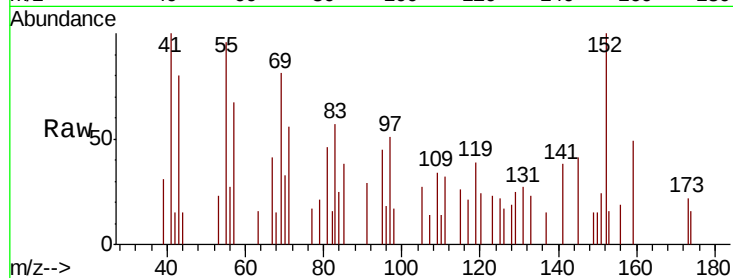




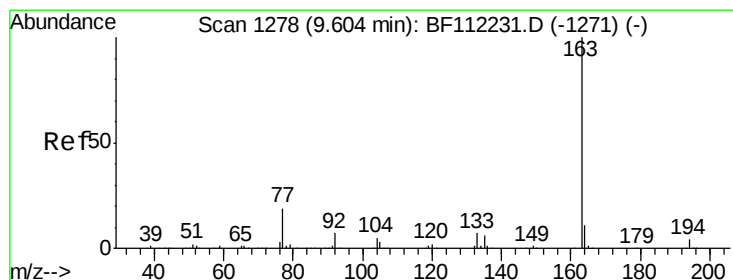
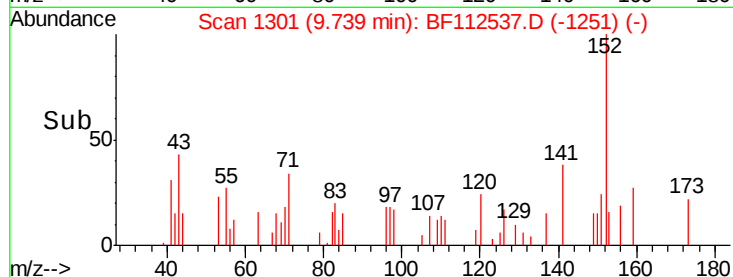
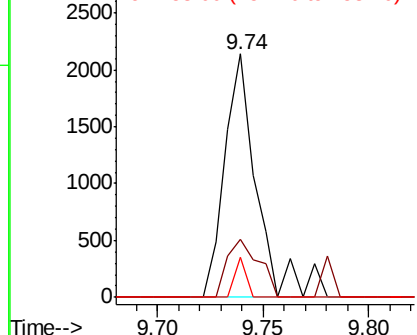
#49
 Acenaphthylene
 Concen: 0.133 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Tgt Ion:	152	Resp:	2260
Ion	Ratio	Lower	Upper
152	100		
151	23.7	17.0	25.6
153	16.4	11.2	16.8

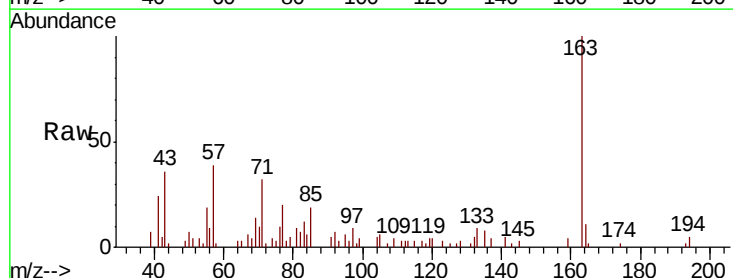


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

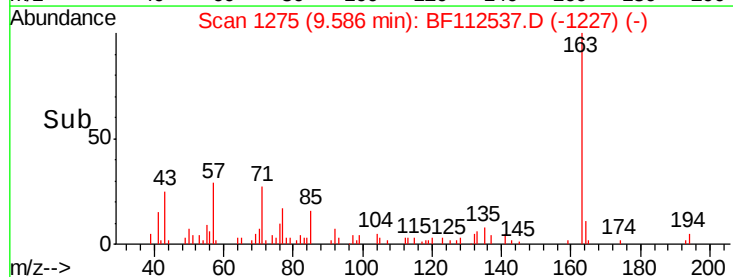
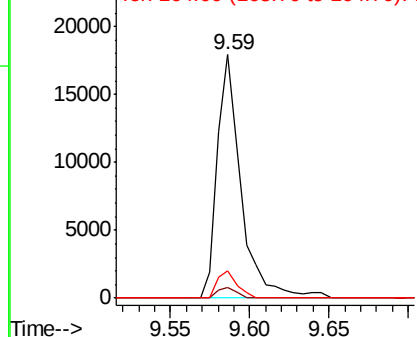


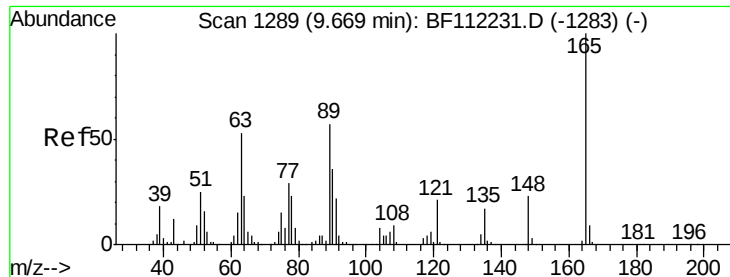
#50
 Dimethylphthalate
 Concen: 1.407 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion:	163	Resp:	18722
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	11.1	8.5	12.7



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

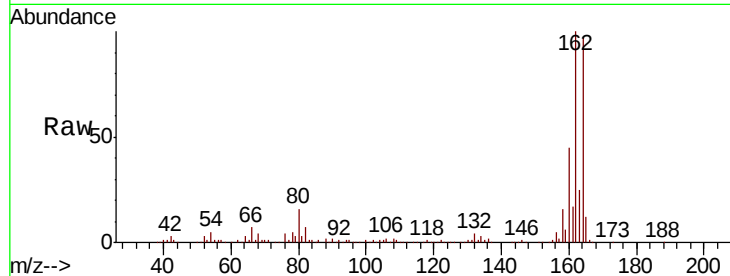




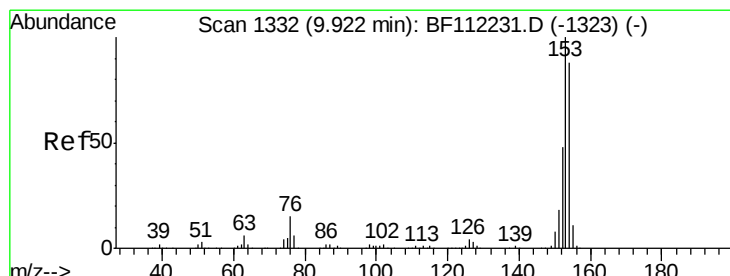
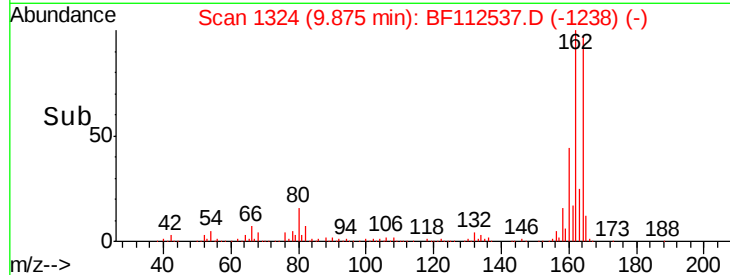
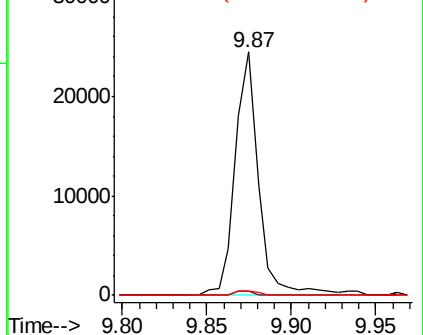
#51
 2,6-Dinitrotoluene
 Concen: 7.896 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.8	50.8#
89	1.6	36.9	55.3#

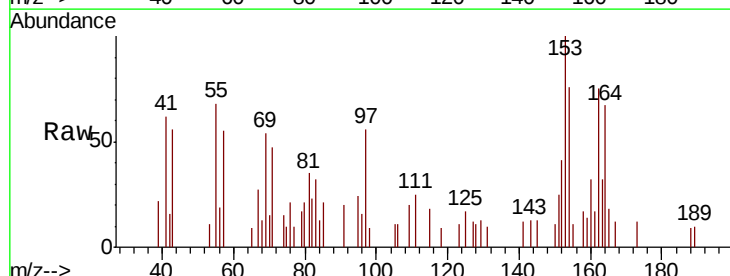


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

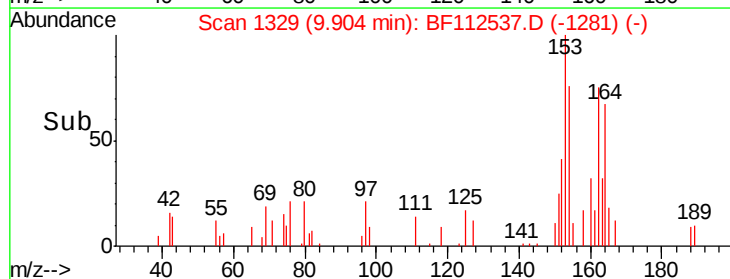
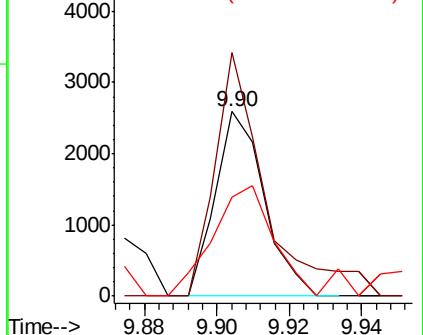


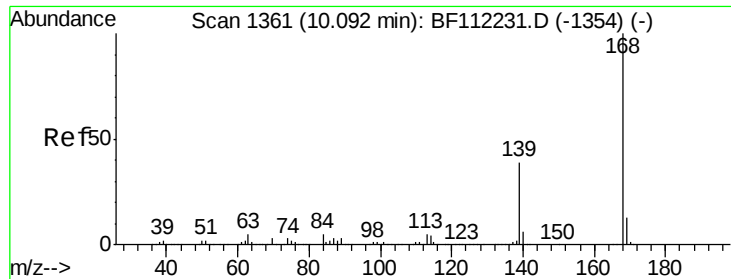
#52
 Acenaphthene
 Concen: 0.239 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	132.1	89.8	134.6
152	53.5	43.5	65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 0.124 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

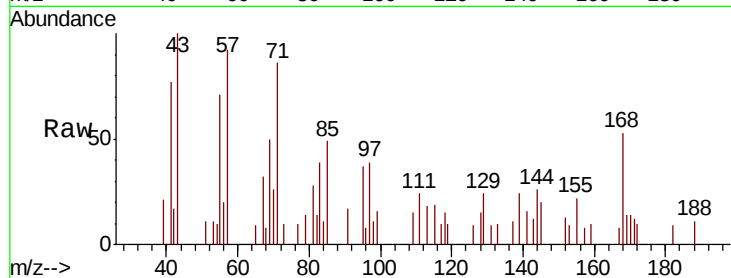
Tgt Ion:168 Resp: 1919

Ion Ratio Lower Upper

168 100

139 44.5 29.2 43.8#

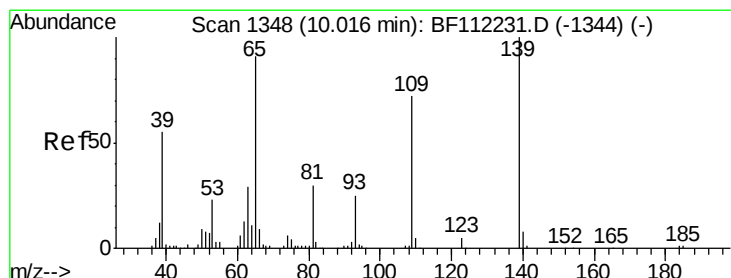
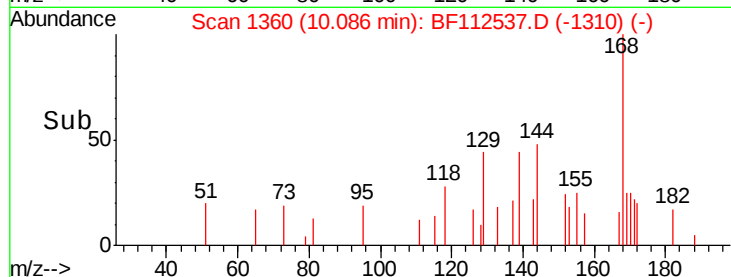
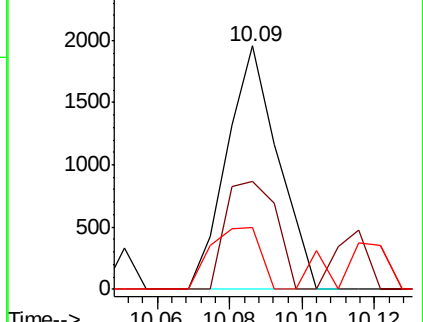
169 25.4 11.4 17.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.493 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.07 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

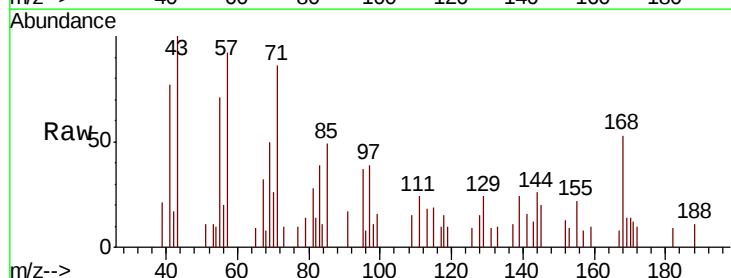
Tgt Ion:139 Resp: 842

Ion Ratio Lower Upper

139 100

109 62.9 42.8 82.8

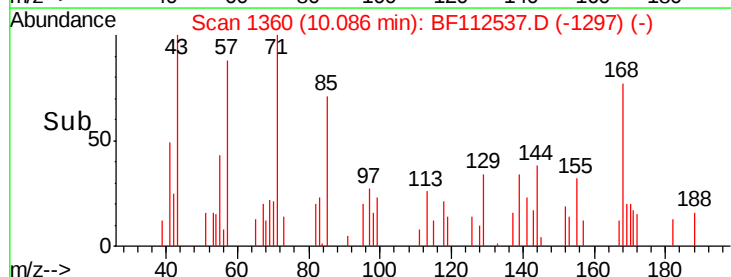
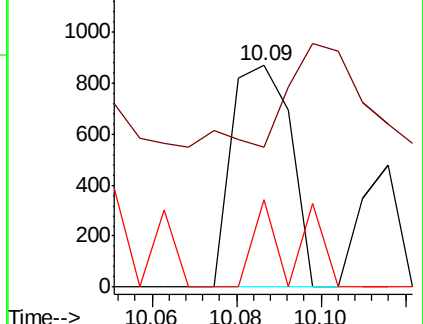
65 39.2 66.1 106.1#

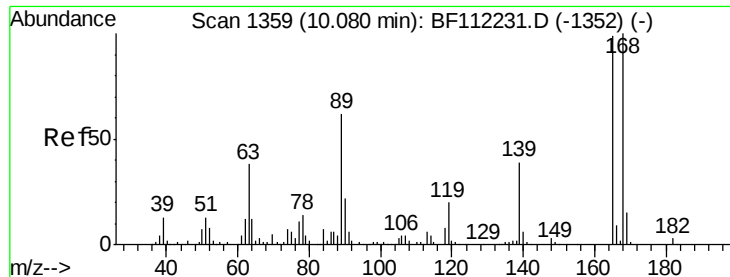


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.282 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

Tgt Ion:165 Resp: 23831

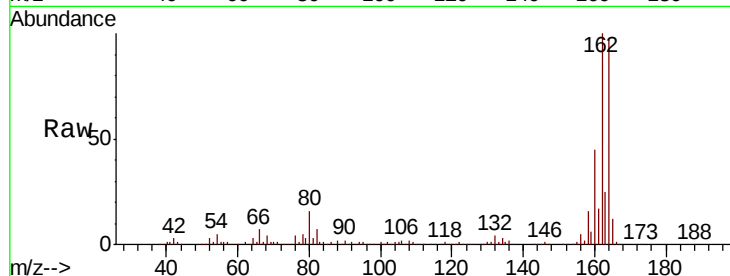
Ion Ratio Lower Upper

165 100

63 1.6 27.9 41.9#

89 1.6 47.9 71.9#

182 0.0 2.2 3.4#

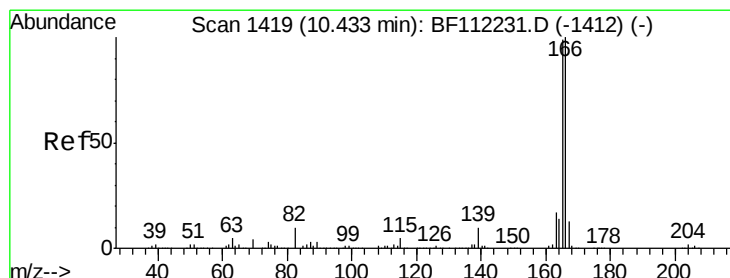
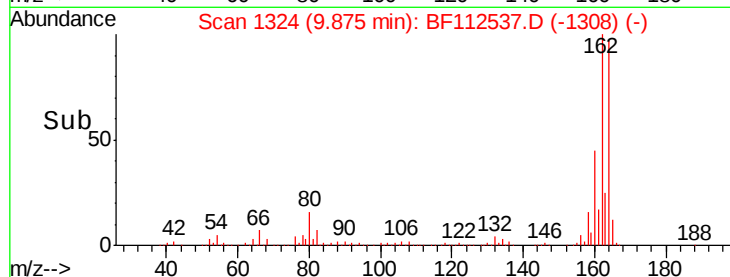
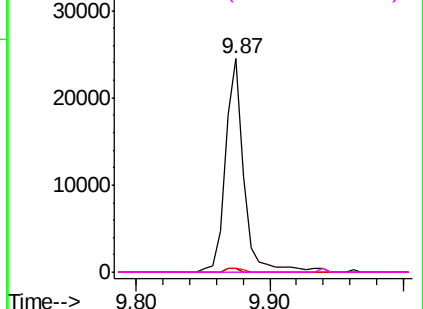


Abundance Ion 165.00 (164.70 to 165.70): E

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): E



#58

Fluorene

Concen: 0.299 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

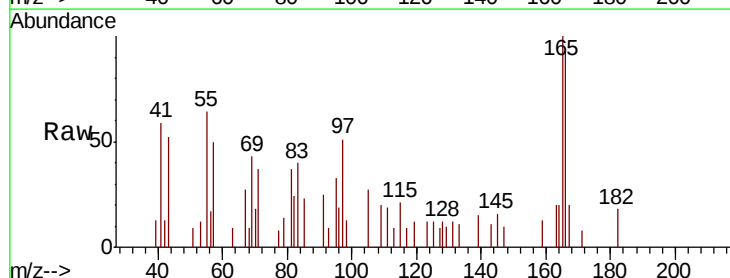
Tgt Ion:166 Resp: 3478

Ion Ratio Lower Upper

166 100

165 107.8 77.1 115.7

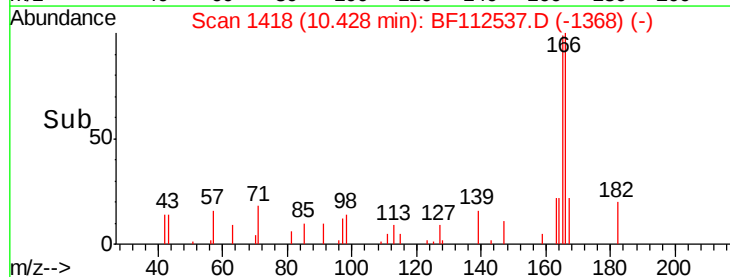
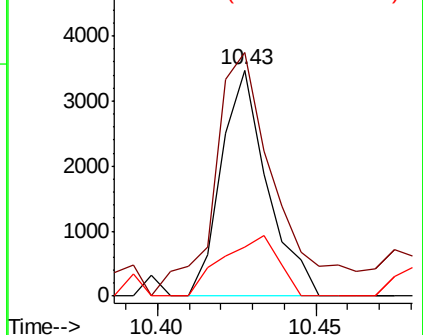
167 22.0 11.3 16.9#

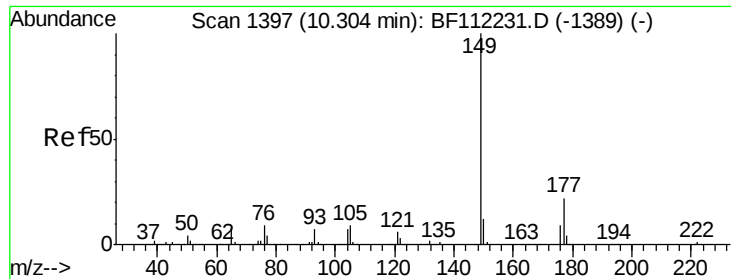


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

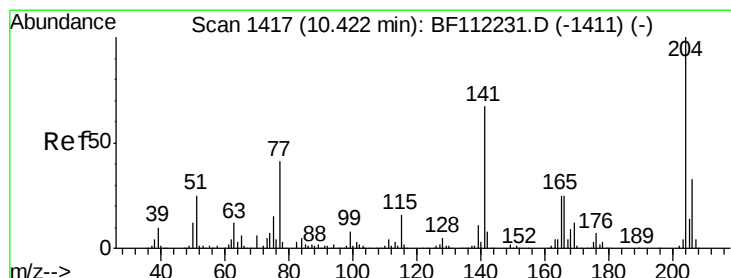
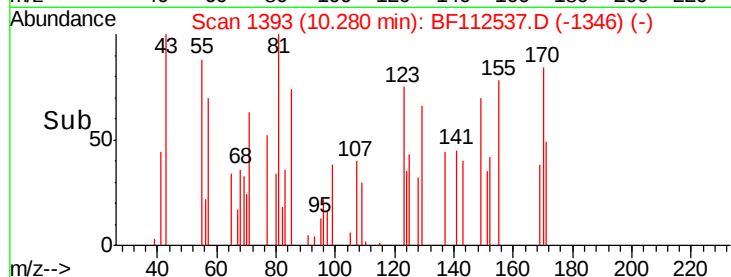
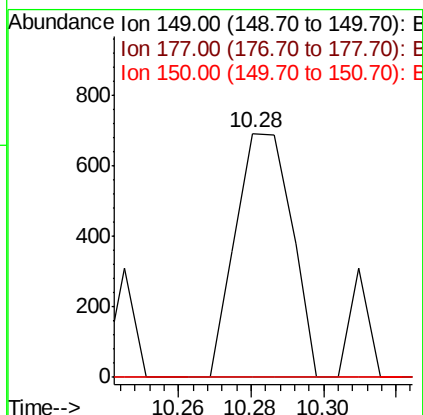
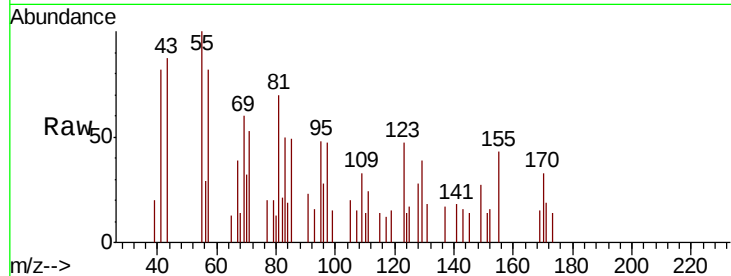




#60
Diethylphthalate
Concen: 0.056 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

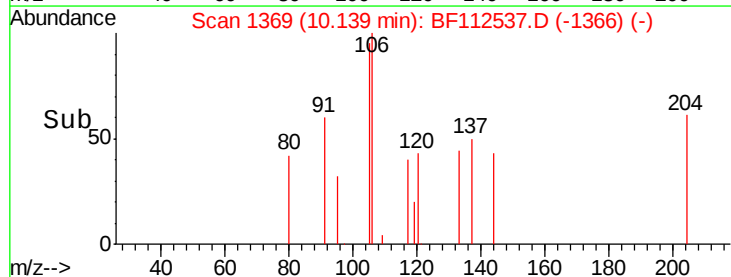
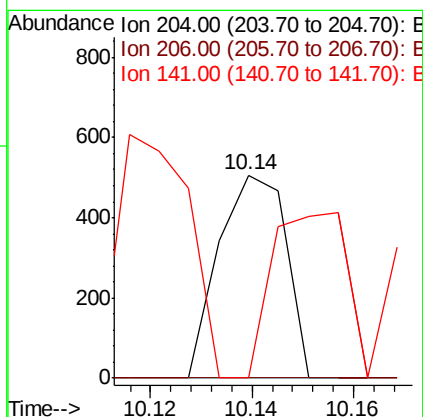
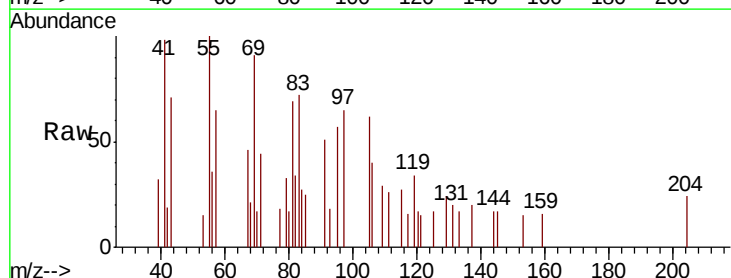
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

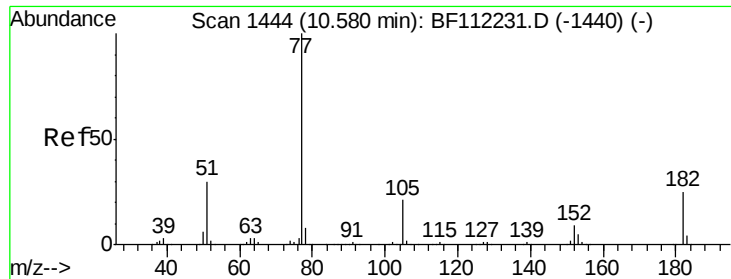
Tgt Ion:149 Resp: 745
Ion Ratio Lower Upper
149 100
177 0.0 18.2 27.2#
150 0.0 10.4 15.6#



#61
4-Chlorophenyl-phenylether
Concen: 0.073 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.28 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:204 Resp: 464
Ion Ratio Lower Upper
204 100
206 0.0 26.5 39.7#
141 0.0 45.9 68.9#

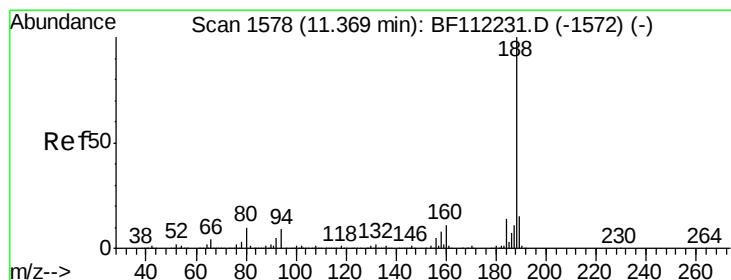
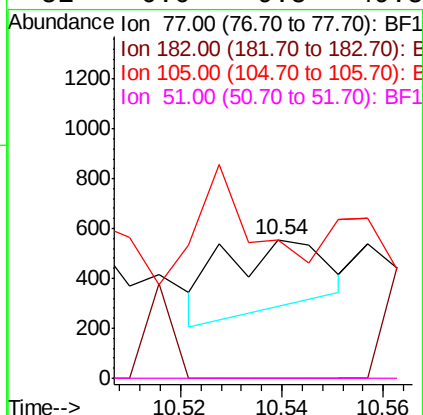
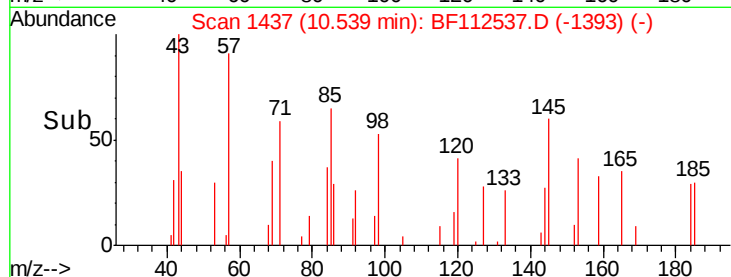
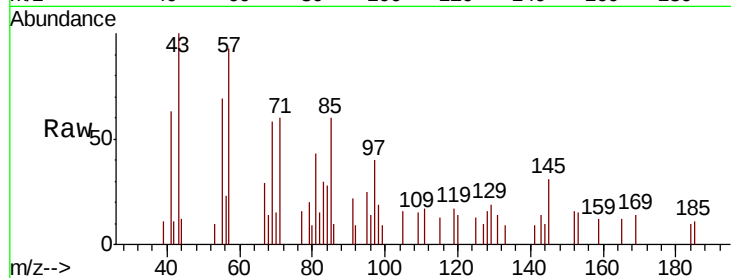




#63
Azobenzene
Concen: 0.033 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.04 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

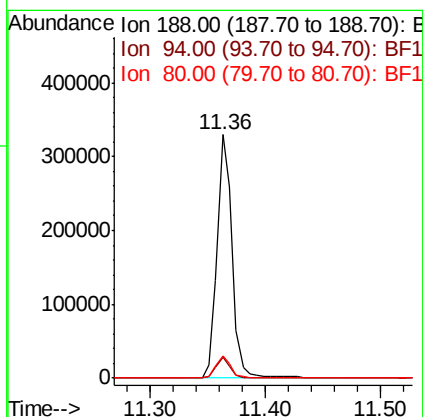
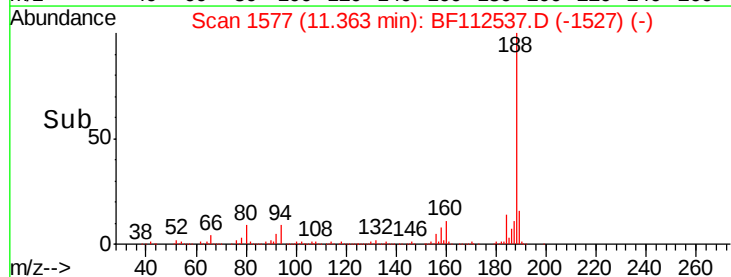
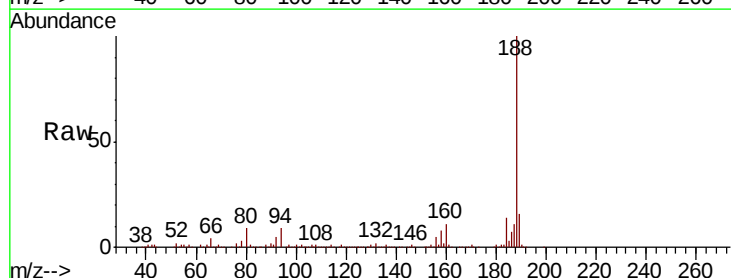
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

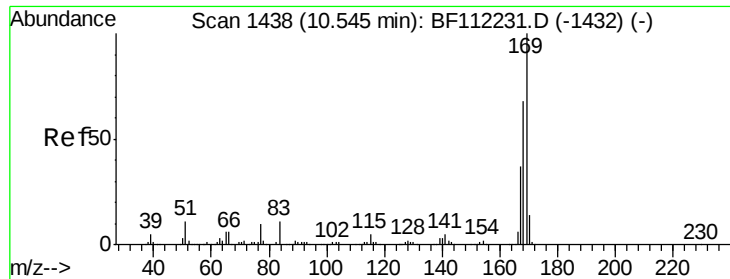
Tgt Ion: 77 Resp: 378
Ion Ratio Lower Upper
77 100
182 0.0 5.7 45.7#
105 100.0 1.4 41.4#
51 0.0 9.5 49.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion: 188 Resp: 298488
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.0 8.9 13.3

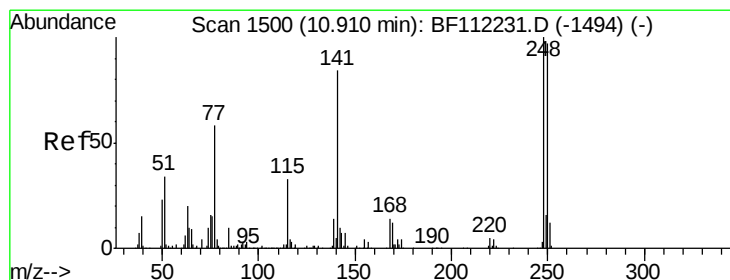
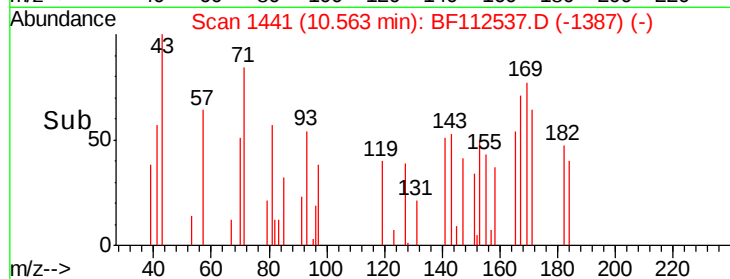
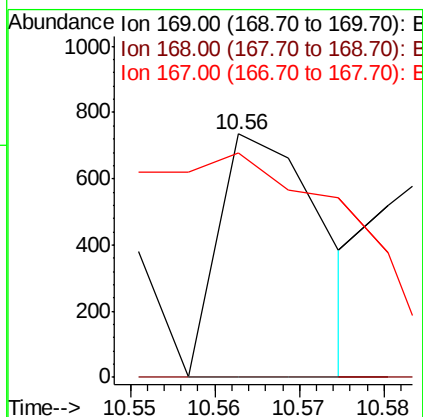
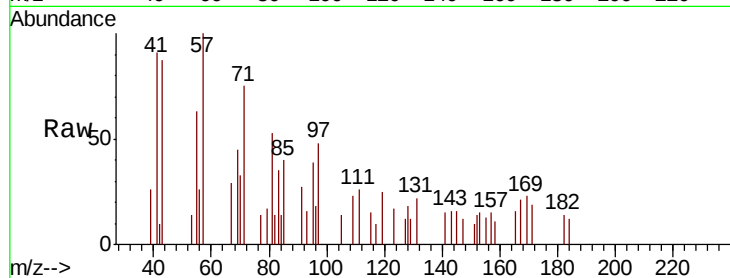




#66
 n-Nitrosodiphenylamine
 Concen: 0.062 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.02 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

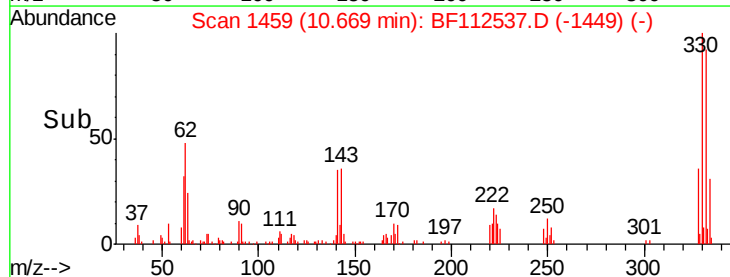
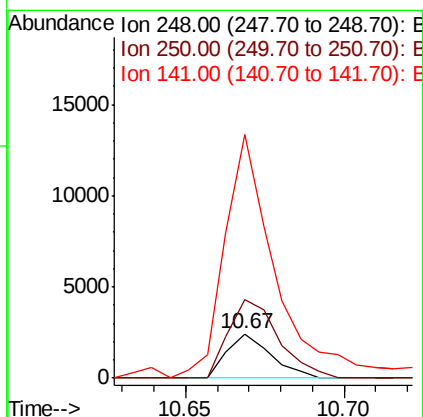
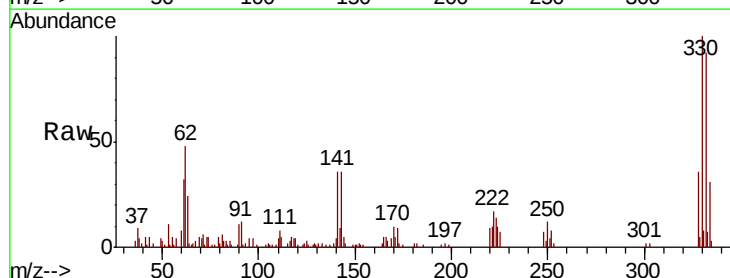
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

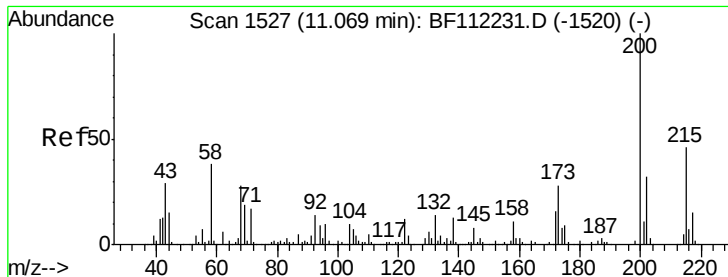
Tgt Ion:169 Resp: 628
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.9 80.9#
 167 92.4 28.9 43.3#



#67
 4-Bromophenyl-phenylether
 Concen: 0.659 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion:248 Resp: 2312
 Ion Ratio Lower Upper
 248 100
 250 177.1 79.7 119.5#
 141 547.7 60.3 90.5#

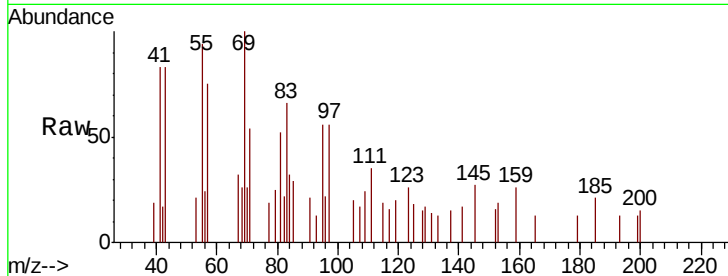




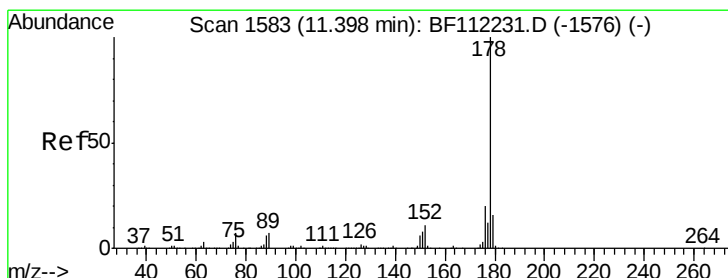
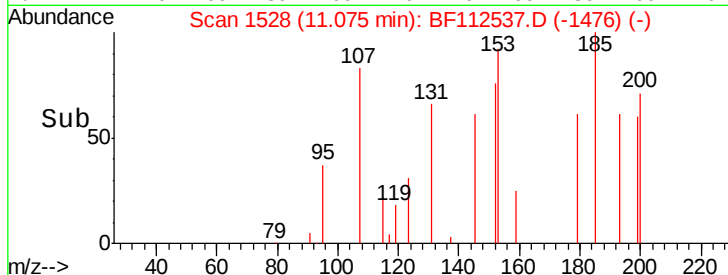
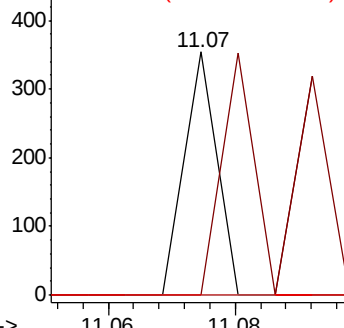
#69
Atrazine
Concen: 0.039 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion: 200 Resp: 125
Ion Ratio Lower Upper
200 100
173 0.0 7.1 47.1#
215 0.0 30.4 70.4#

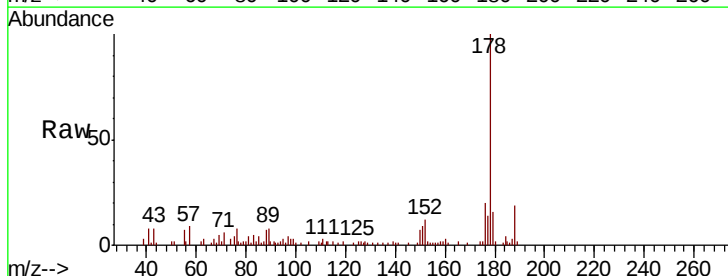


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

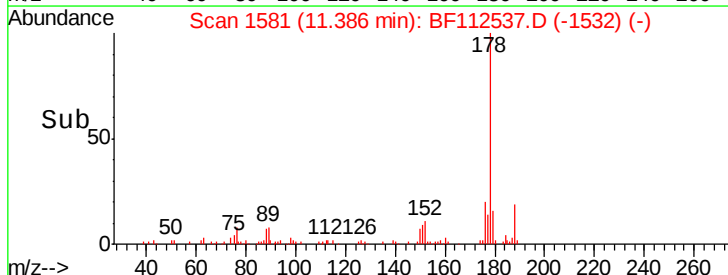
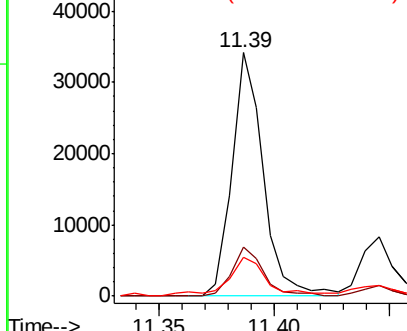


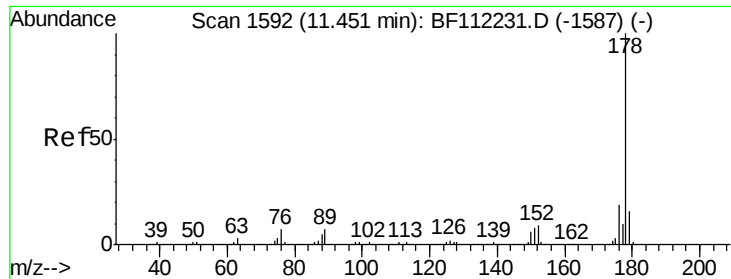
#71
Phenanthrene
Concen: 2.076 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion: 178 Resp: 32221
Ion Ratio Lower Upper
178 100
176 20.4 16.3 24.5
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

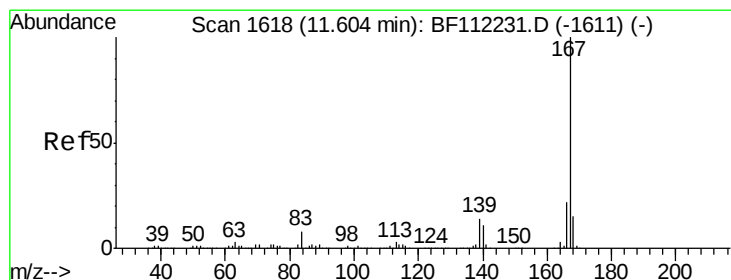
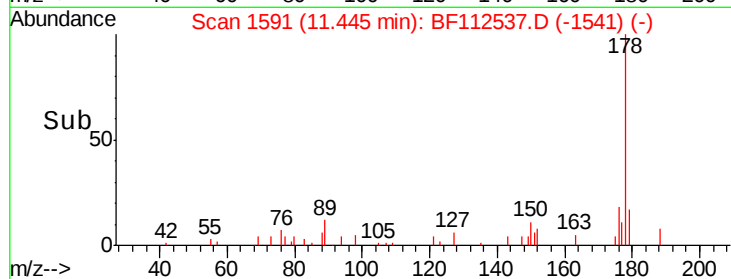
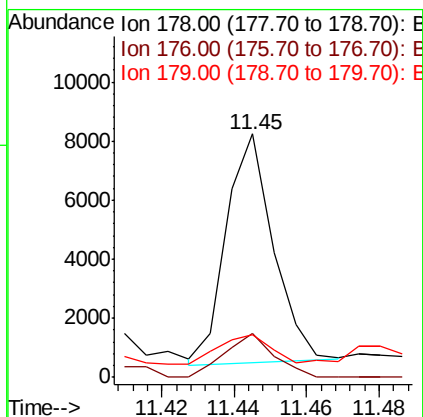
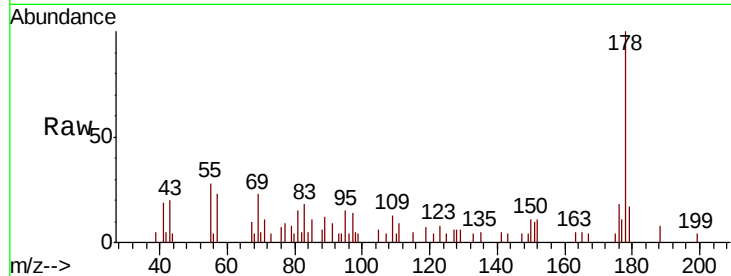




#72
 Anthracene
 Concen: 0.455 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

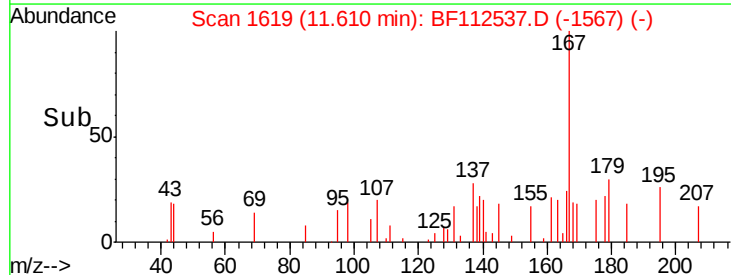
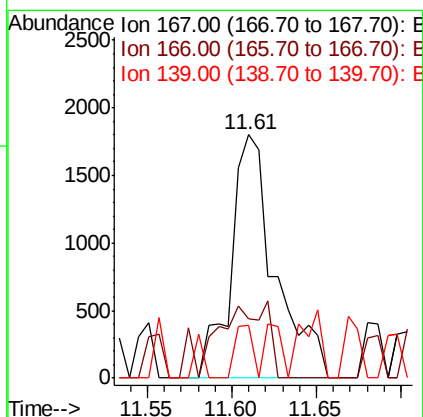
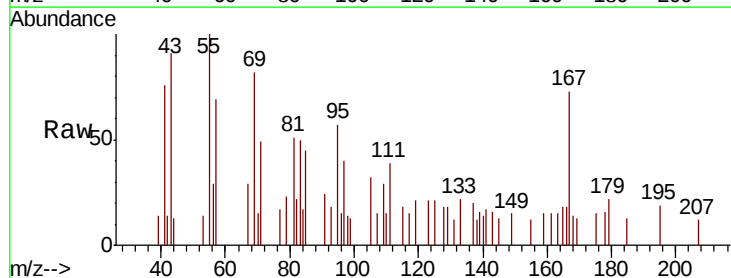
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

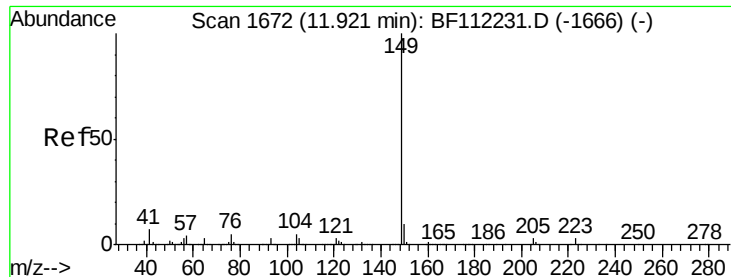
Tgt Ion:178 Resp: 7028
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.5 23.3
 179 17.3 12.8 19.2



#73
 Carbazole
 Concen: 0.214 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion:167 Resp: 3270
 Ion Ratio Lower Upper
 167 100
 166 24.4 17.9 26.9
 139 21.6 10.2 15.2#

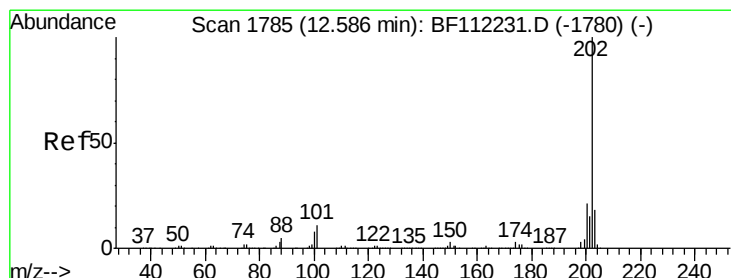
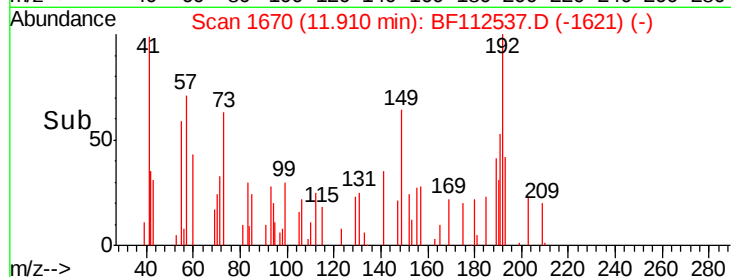
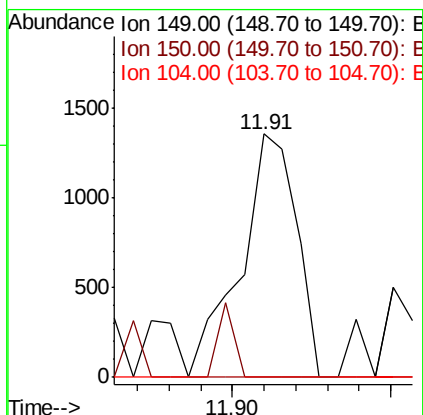
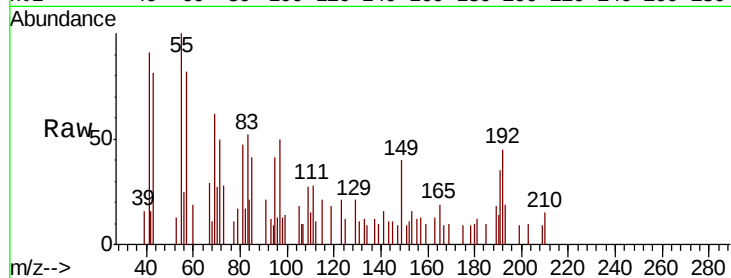




#74
Di-n-butylphthalate
Concen: 0.088 ng
RT: 11.91 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

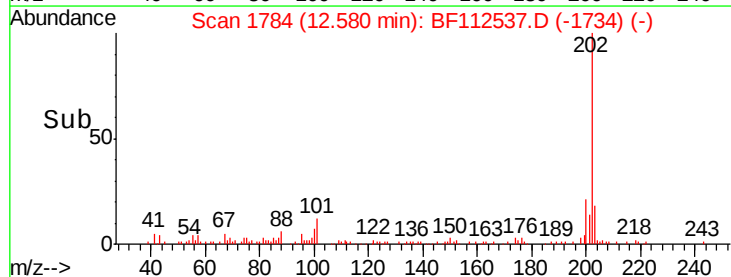
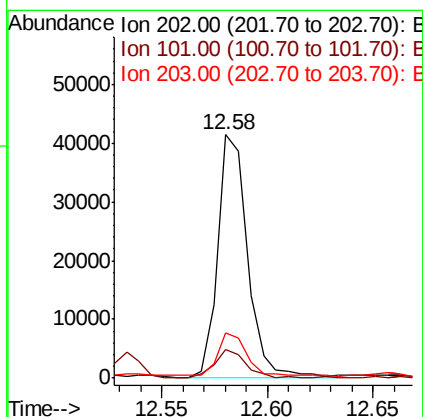
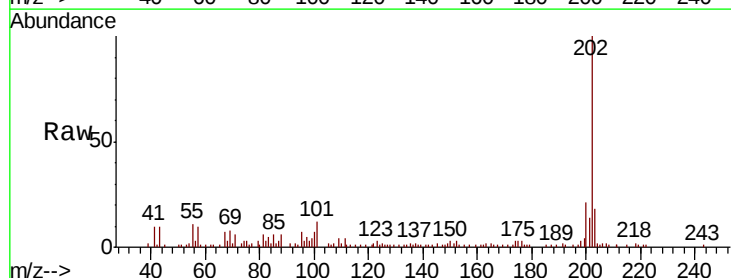
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

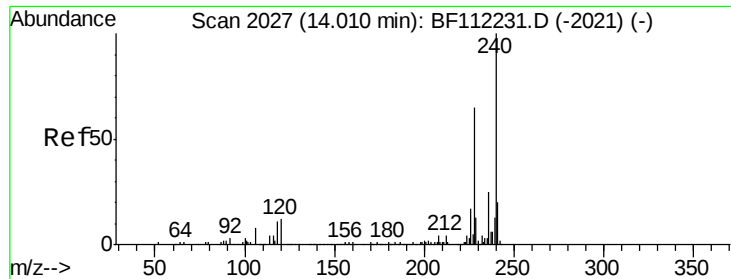
Tgt Ion:149 Resp: 1666
Ion Ratio Lower Upper
149 100
150 0.0 8.1 12.1#
104 0.0 3.9 5.9#



#75
Fluoranthene
Concen: 2.465 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:202 Resp: 41020
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.8
203 18.4 0.0 38.4

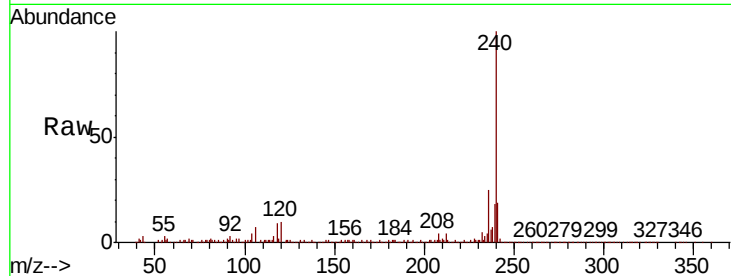




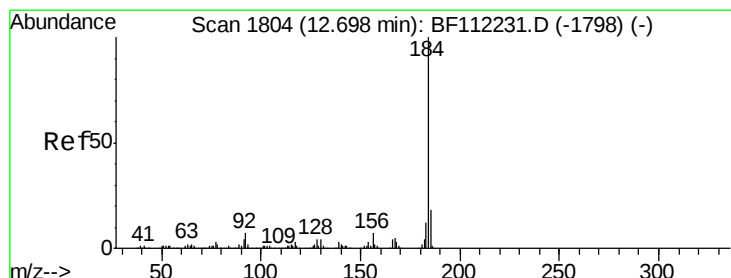
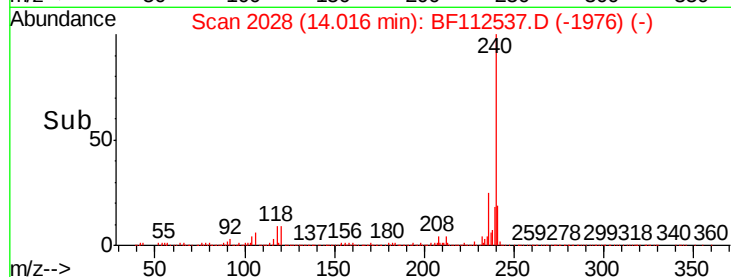
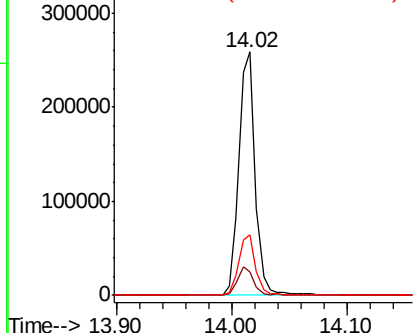
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

Tgt Ion:240 Resp: 255784
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.6
236 25.1 20.7 31.1

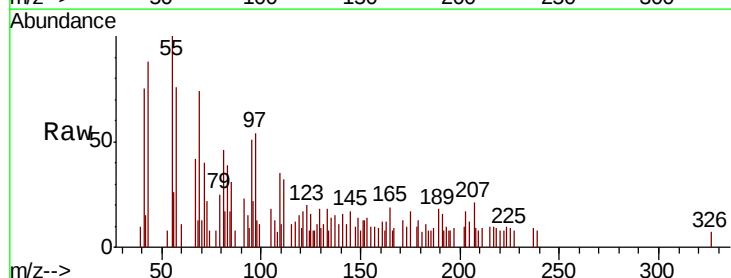


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

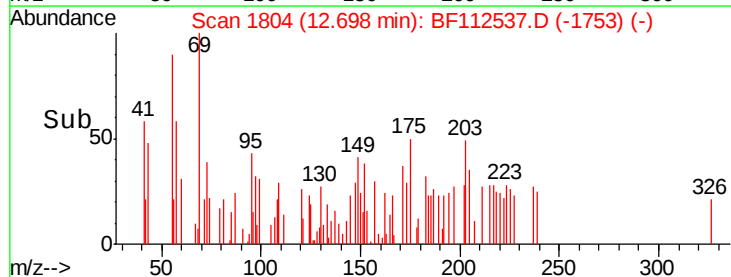
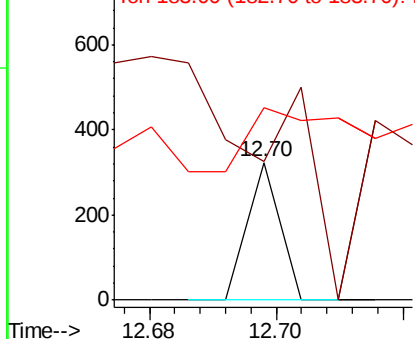


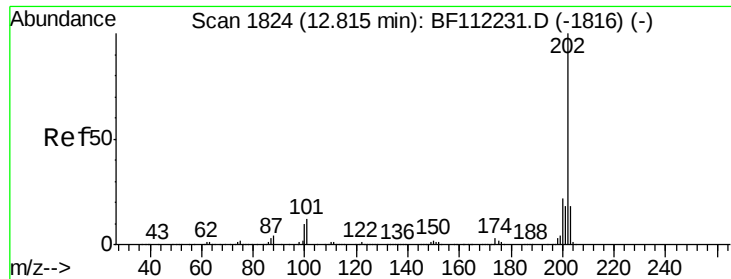
#77
Benzidine
Concen: 0.016 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
185 100.6 13.9 20.9#
183 139.5 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

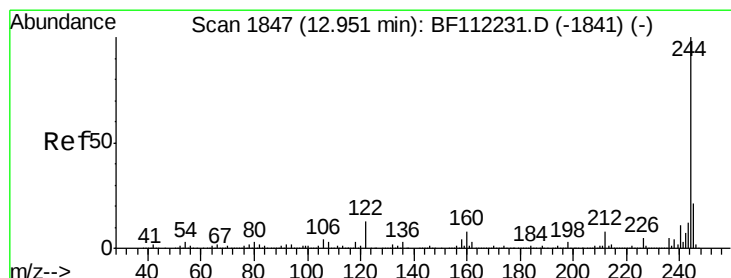
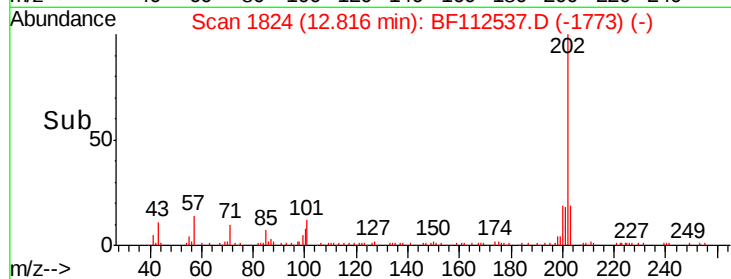
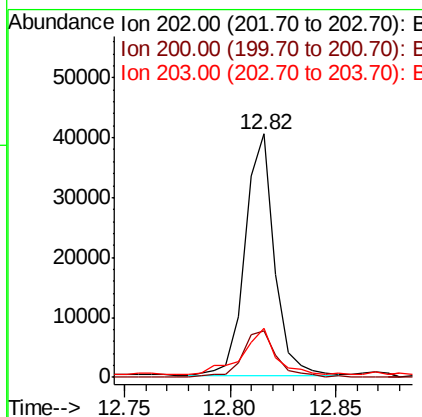
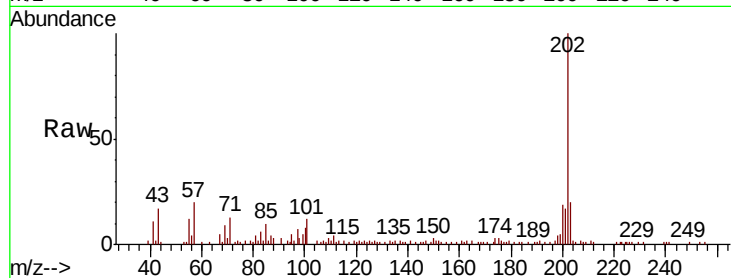




#78
 Pyrene
 Concen: 2.200 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

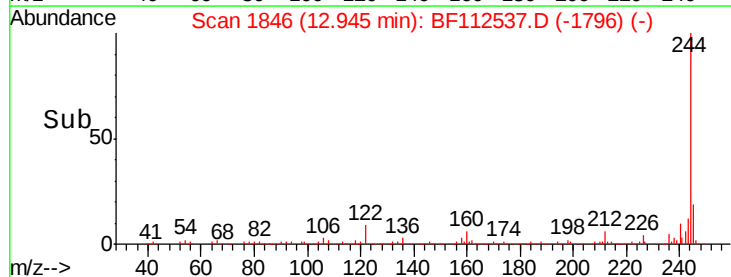
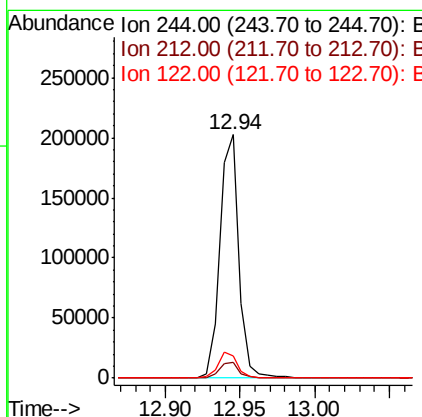
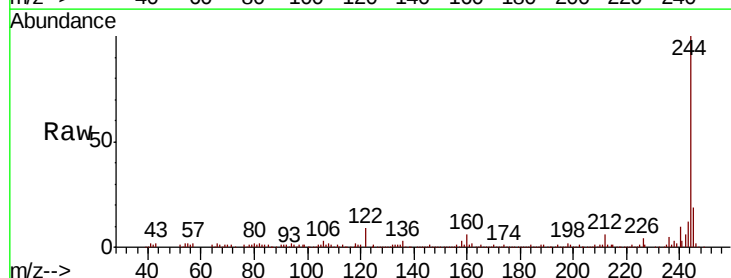
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

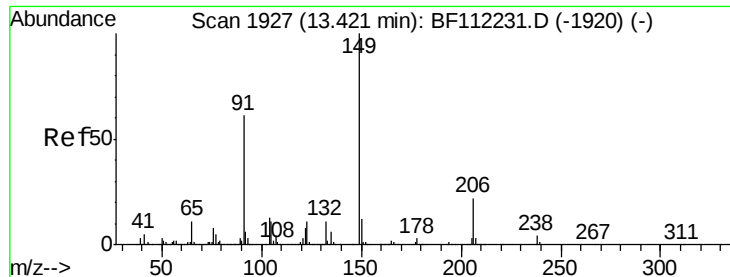
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.7	26.5
203	19.9	14.6	22.0



#79
 Terphenyl-d14
 Concen: 13.352 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.9	8.9
122	9.2	9.8	14.6#

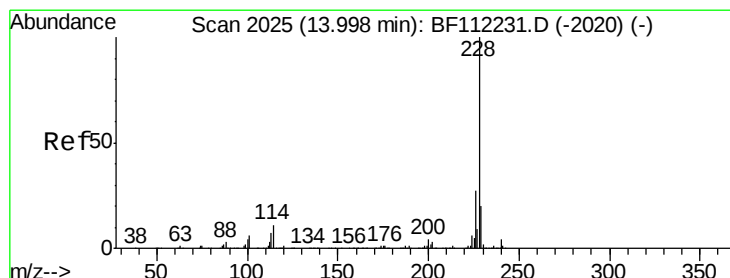
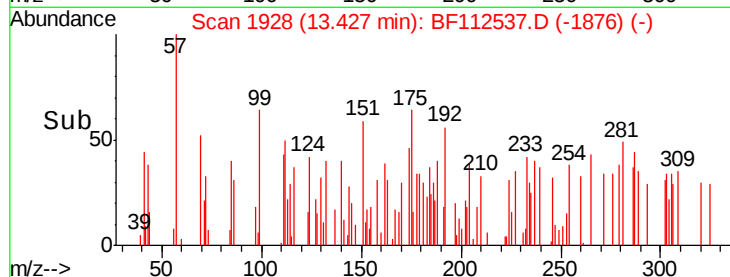
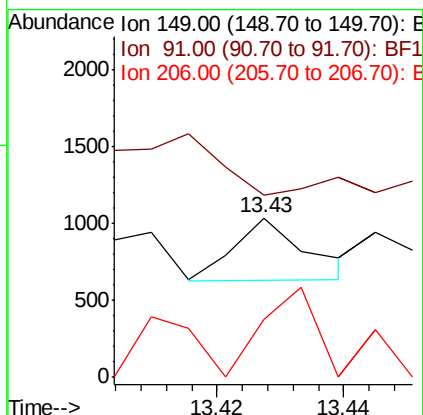
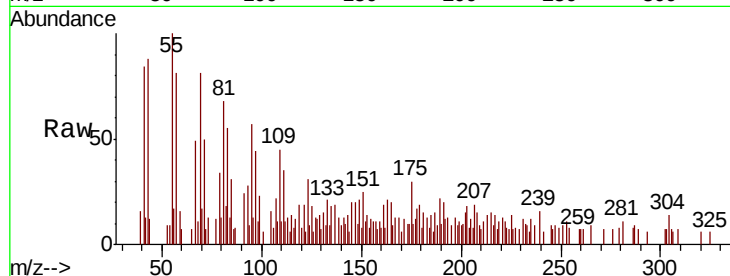




#80
Butylbenzylphthalate
Concen: 0.037 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

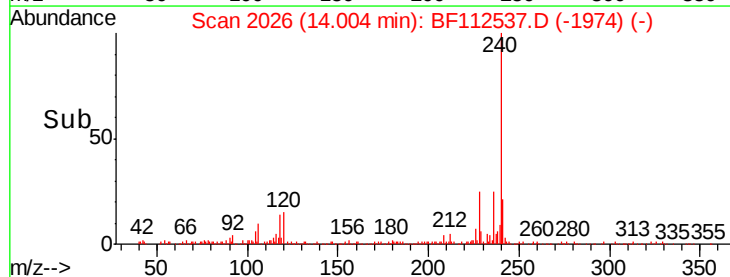
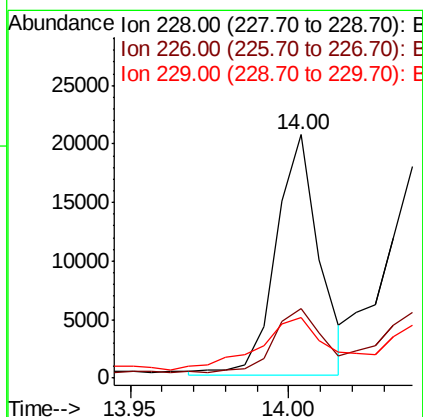
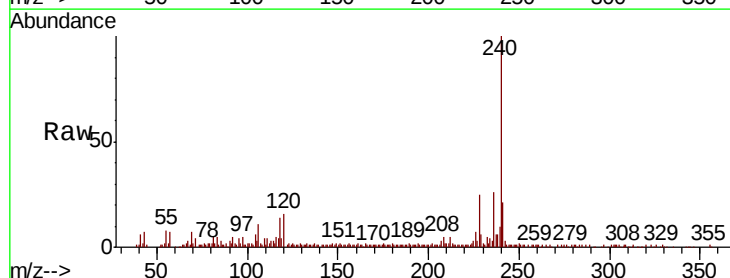
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

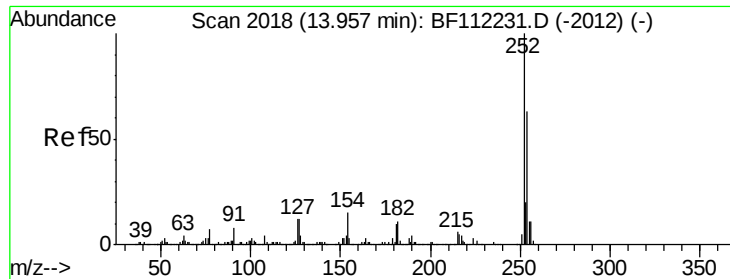
Tgt Ion:149 Resp: 318
Ion Ratio Lower Upper
149 100
91 114.4 50.3 75.5#
206 36.5 18.2 27.4#



#81
Benzo(a)anthracene
Concen: 1.304 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion:228 Resp: 19614
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 25.1 16.5 24.7#

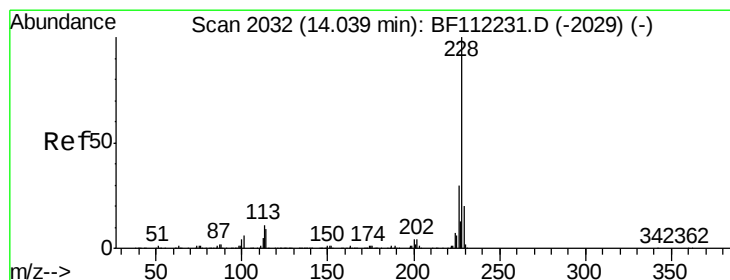
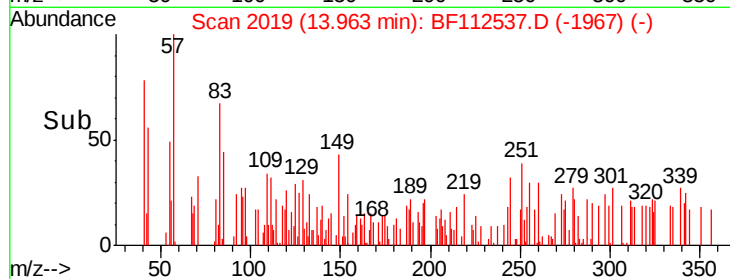
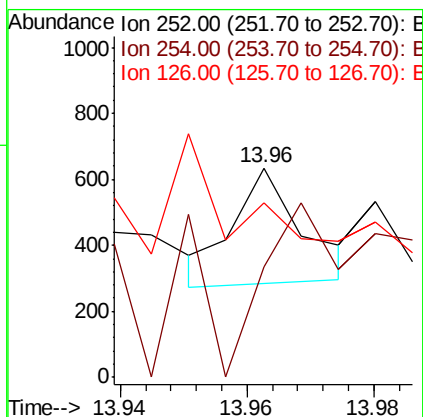
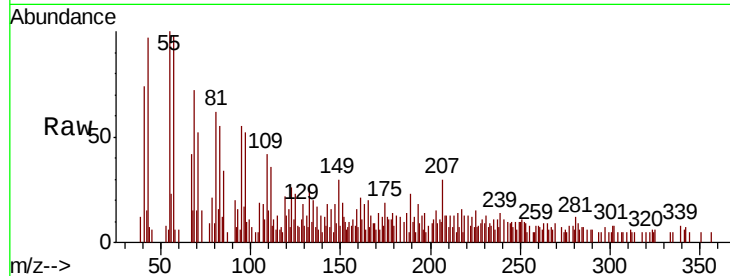




#82
 3,3'-Dichlorobenzidine
 Concen: 0.046 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

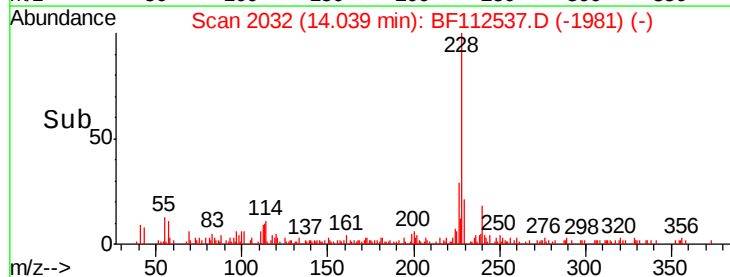
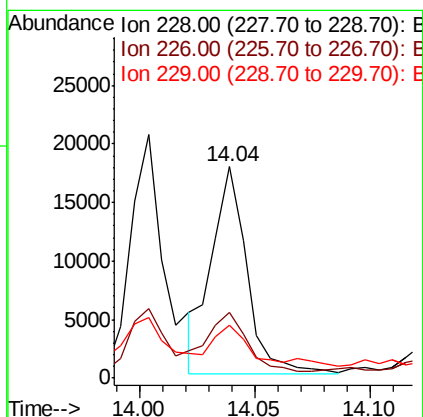
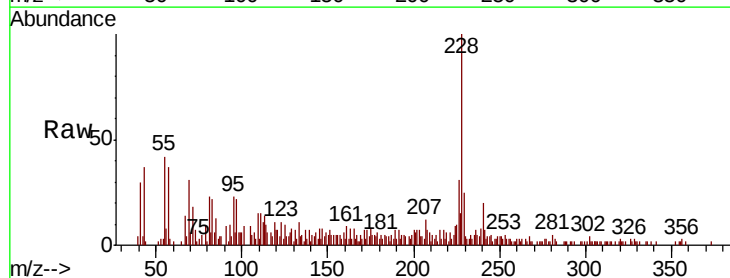
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

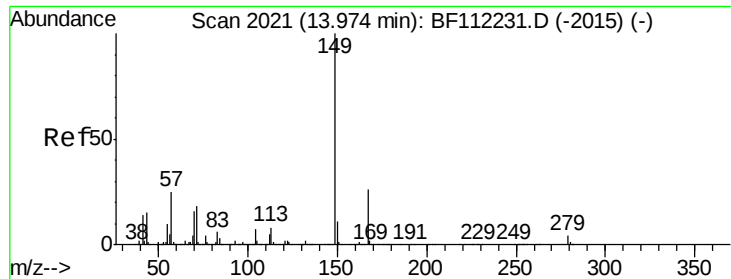
Tgt Ion: 252 Resp: 258
 Ion Ratio Lower Upper
 252 100
 254 52.9 51.6 77.4
 126 83.0 8.6 12.8#



#83
 Chrysene
 Concen: 1.313 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion: 228 Resp: 18847
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 25.1 16.6 24.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.143 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

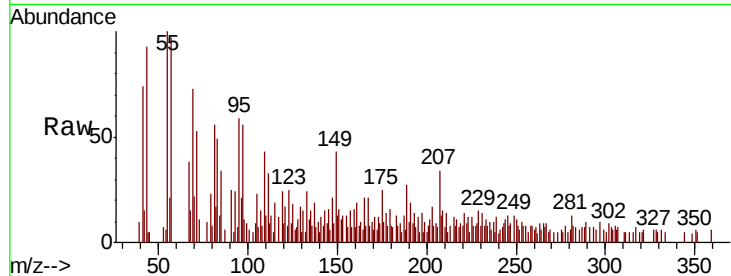
Tgt Ion:149 Resp: 1739

Ion Ratio Lower Upper

149 100

167 47.6 22.5 33.7#

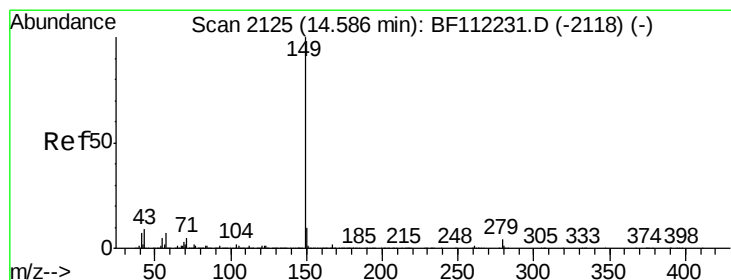
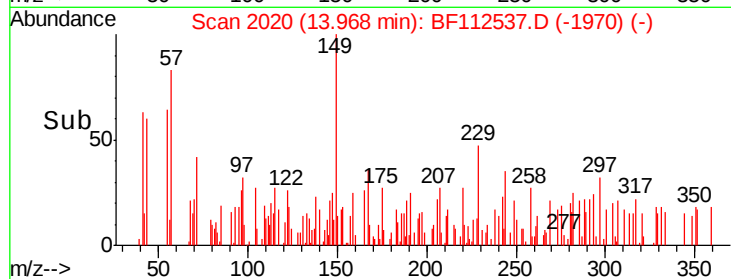
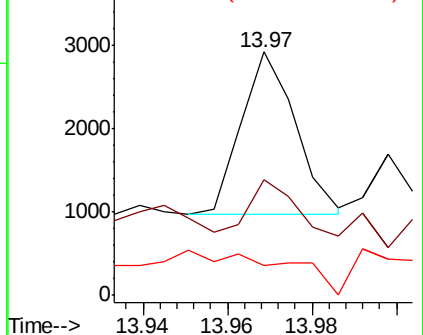
279 12.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.047 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

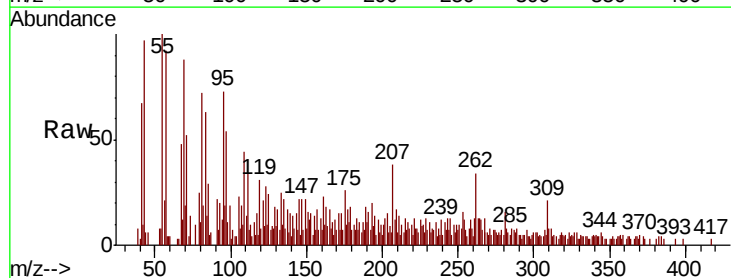
Tgt Ion:149 Resp: 874

Ion Ratio Lower Upper

149 100

167 61.8 1.3 1.9#

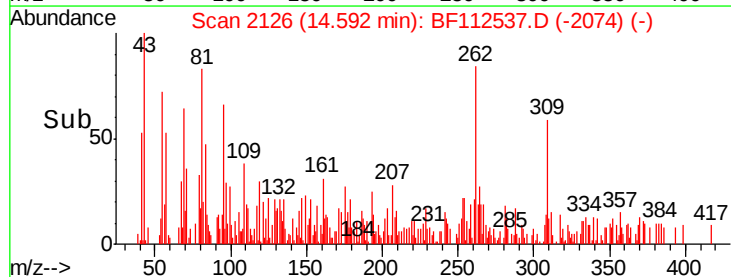
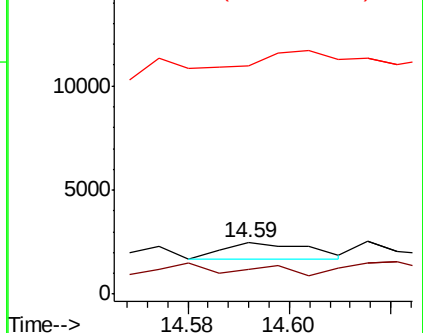
43 0.0 7.8 11.6#

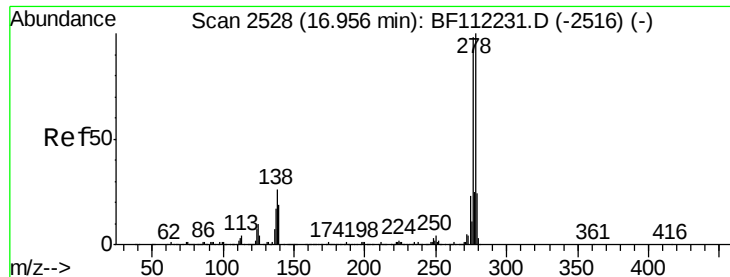


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

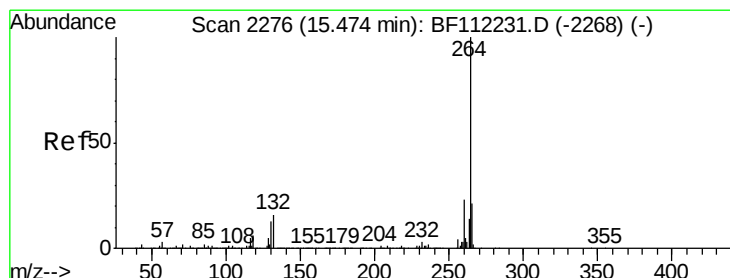
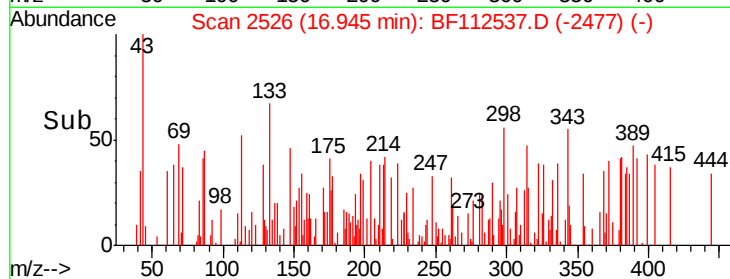
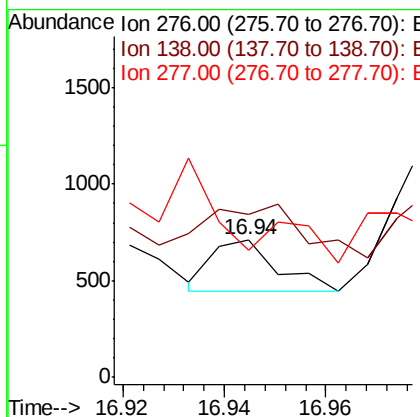
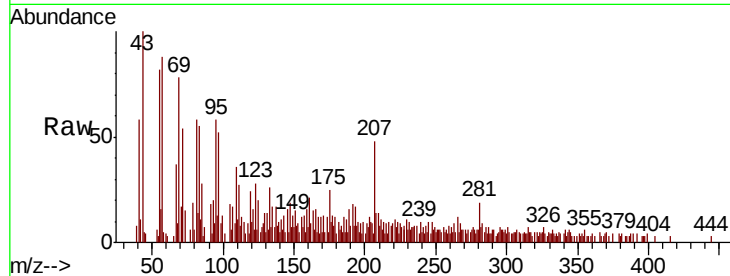




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.021 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

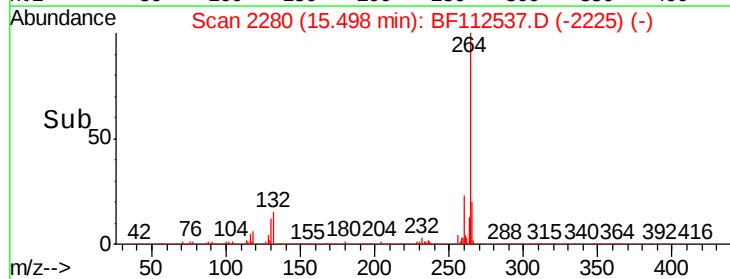
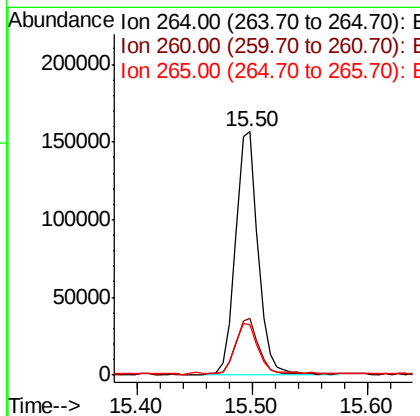
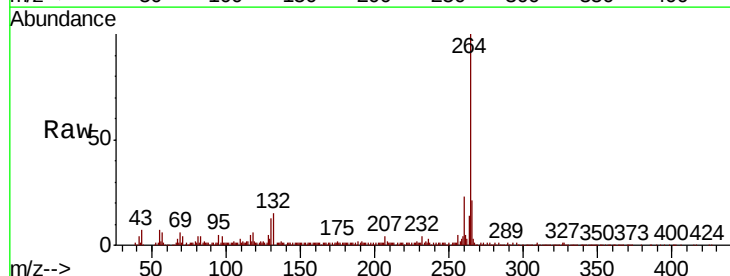
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

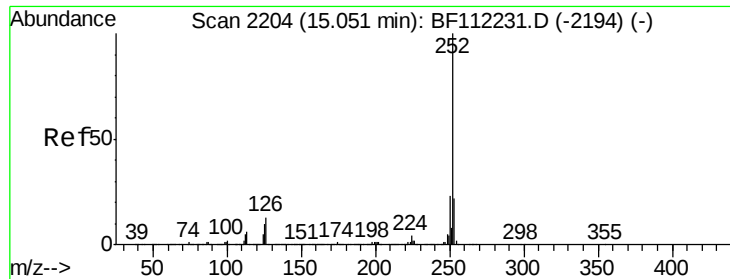
Tgt Ion: 276 Resp: 237
 Ion Ratio Lower Upper
 276 100
 138 157.8 22.6 34.0#
 277 192.8 20.3 30.5#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF112537.D
 Acq: 13 Feb 2019 14:24

Tgt Ion: 264 Resp: 210128
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 20.7 17.0 25.4

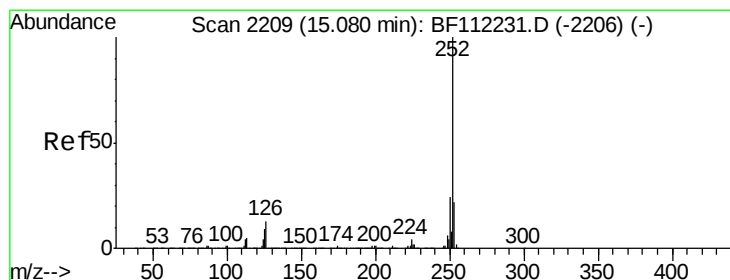
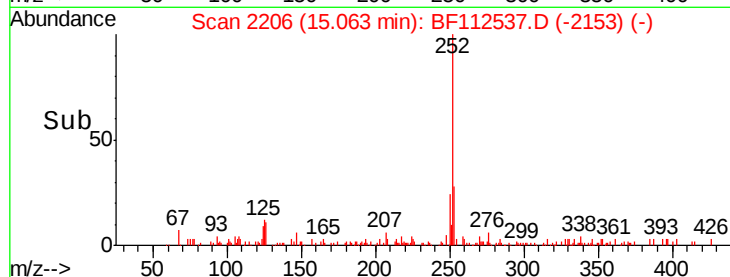
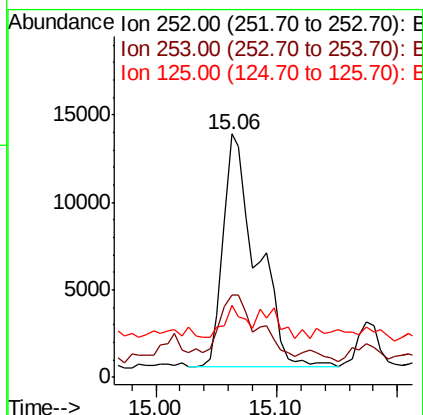
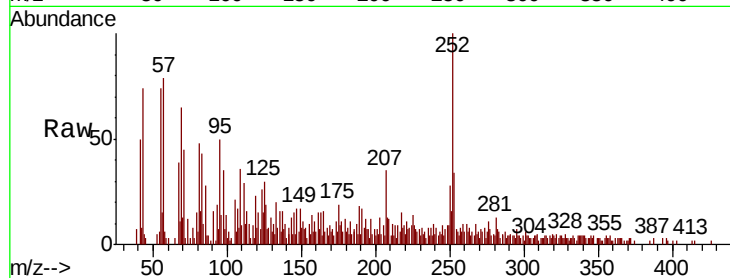




#88
Benzo(b)fluoranthene
Concen: 2.044 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

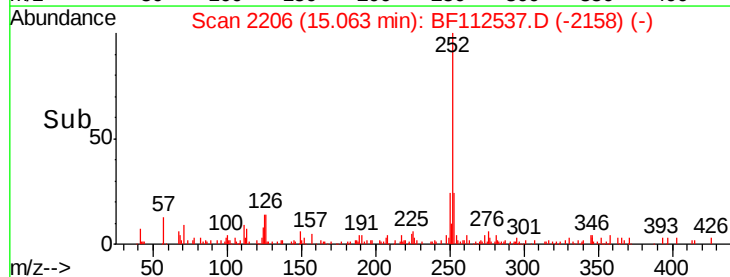
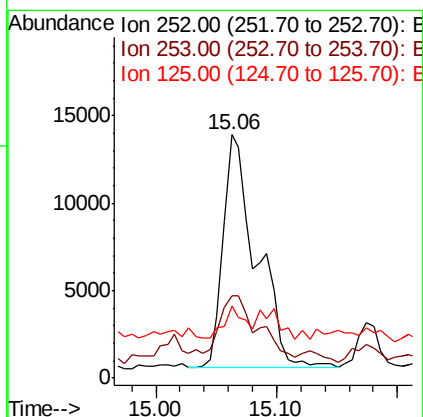
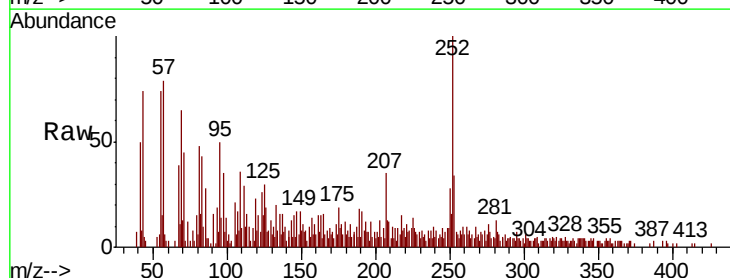
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

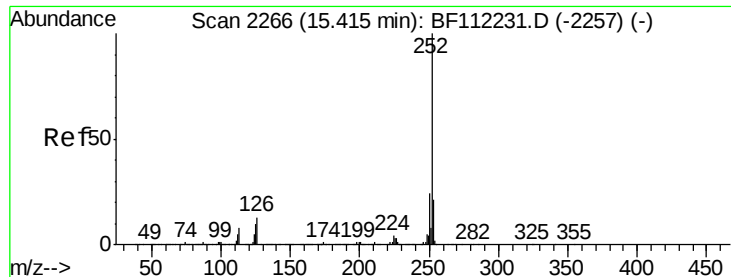
Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.0	27.0#
125	29.7	8.7	13.1#



#89
Benzo(k)fluoranthene
Concen: 2.134 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF112537.D
Acq: 13 Feb 2019 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.0	27.0#
125	29.7	9.1	13.7#





#90

Benzo(a)pyrene

Concen: 1.255 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.02 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

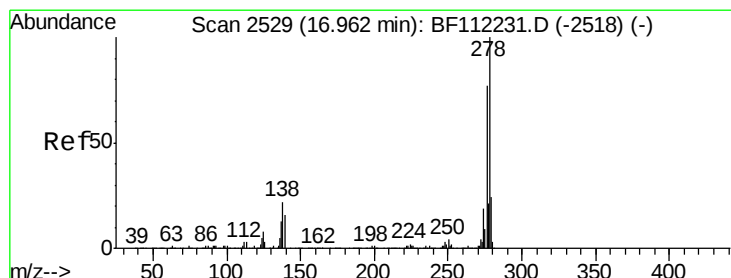
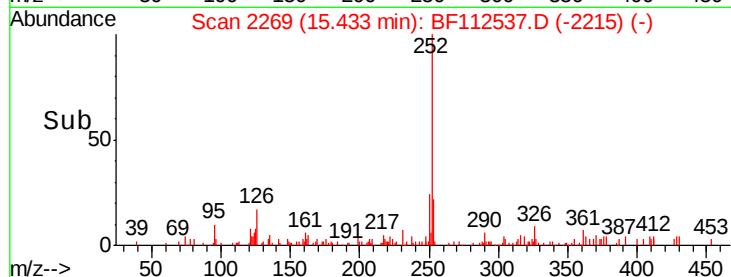
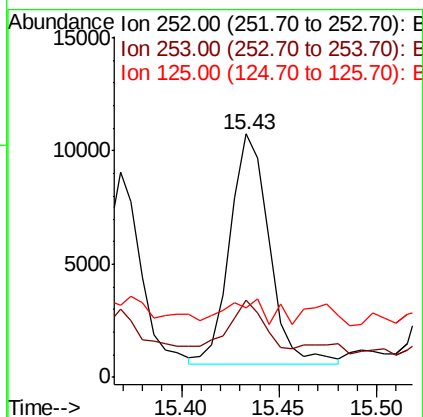
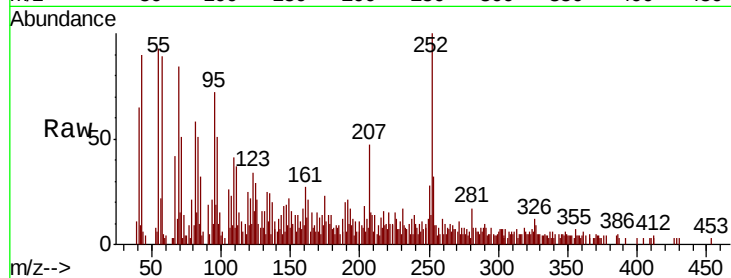
Tgt Ion:252 Resp: 14187

Ion Ratio Lower Upper

252 100

253 31.7 17.5 26.3#

125 28.6 9.0 13.4#



#91

Dibenzo(a,h)anthracene

Concen: 0.233 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF112537.D

Acq: 13 Feb 2019 14:24

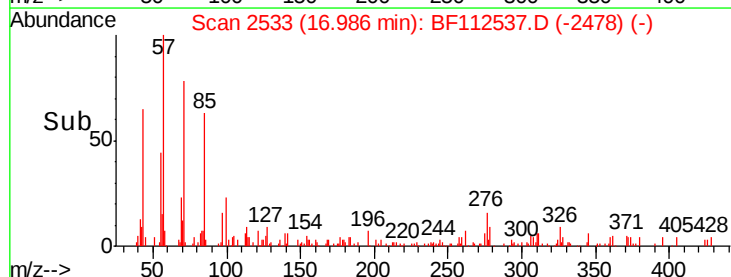
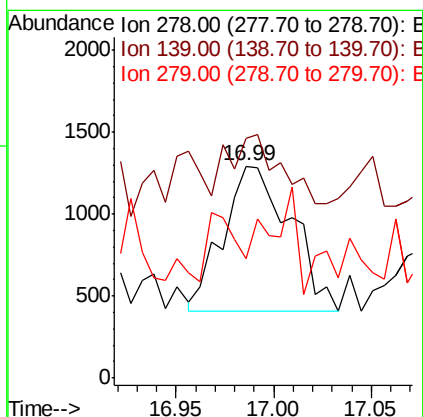
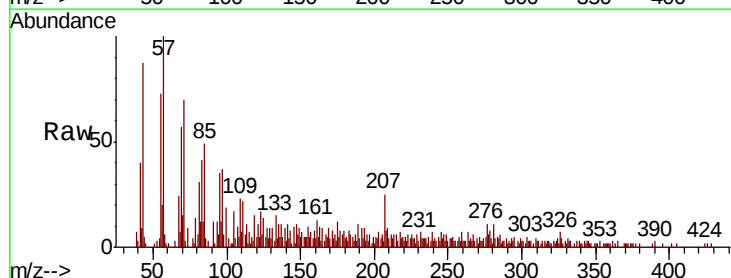
Tgt Ion:278 Resp: 2124

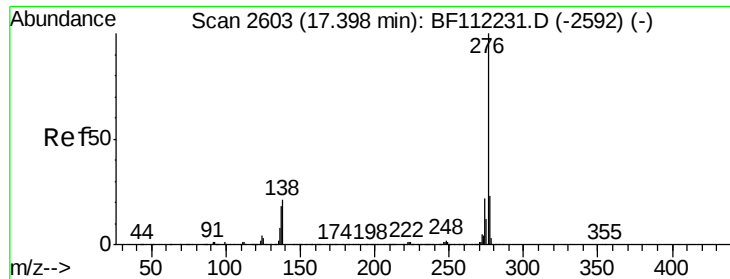
Ion Ratio Lower Upper

278 100

139 113.2 13.7 20.5#

279 56.7 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 1.191 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.06 min

Lab File: BF112537.D

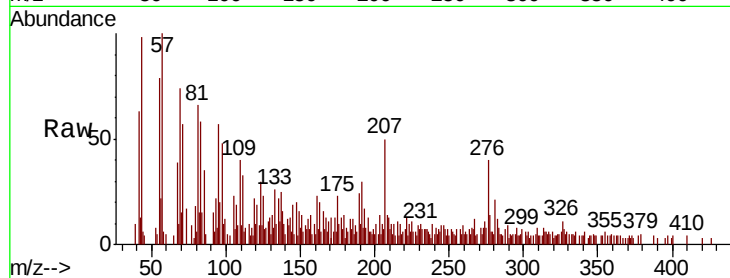
Acq: 13 Feb 2019 14:24

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C



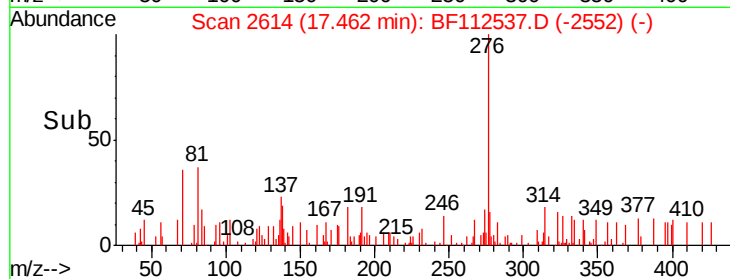
Tgt Ion: 276 Resp: 10236

Ion Ratio Lower Upper

276 100

277 33.6 19.4 29.0#

138 39.2 19.1 28.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

