

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118437.D
 Acq On : 2 Jan 2020 16:01
 Operator : JU
 Sample : K6462-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 16:40:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119669	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	295011	20.00	ng	0.01
39) Acenaphthene-d10	9.93	164	232700	20.00	ng	0.03
64) Phenanthrene-d10	11.42	188	354053	20.00	ng	0.03
76) Chrysene-d12	14.05	240	310336	20.00	ng	0.00
87) Perylene-d12	15.53	264	336952	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	604517	86.23	ng	0.00
7) Phenol-d6	6.49	99	830057	95.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	574060	111.30	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	172775	60.12	ng	0.04
45) 2-Fluorobiphenyl	9.23	172	945405	62.02	ng	0.01
79) Terphenyl-d14	13.00	244	1049522	56.11	ng	0.02

Target Compounds

						Qvalue
9) Benzaldehyde	6.41	77	149179	29.258	ng	# 1
15) Benzyl Alcohol	7.01	79	28143	4.250	ng	# 41
17) 2-Methylphenol	7.13	107	21199	3.329	ng	# 1
18) Hexachloroethane	7.36	117	133484	39.158	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	51674	9.645	ng	# 72
22) Acetophenone	7.26	105	1111986	153.793	ng	# 54
24) Nitrobenzene	7.43	77	65656	12.707	ng	# 20
25) Isophorone	7.68	82	295357	32.857	ng	# 1
26) 2-Nitrophenol	7.77	139	28145	10.284	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	15839	4.242	ng	# 1
28) bis(2-Chloroethoxy)methane	7.90	93	33647	5.723	ng	# 1
29) 2,4-Dichlorophenol	7.99	162	26673	6.206	ng	# 16
31) Naphthalene	8.17	128	582977	38.880	ng	# 79
32) Benzoic acid	7.94	122	20353	11.368	ng	# 1
33) 4-Chloroaniline	8.20	127	53279	8.289	ng	# 1
35) Caprolactam	8.59	113	195075	145.385	ng	# 7
36) 4-Chloro-3-methylphenol	8.68	107	31856	6.904	ng	# 42
37) 2-Methylnaphthalene	8.88	142	1313020	127.899	ng	# 97
38) 1-Methylnaphthalene	8.97	142	828341	85.643	ng	# 97
43) 2,4,6-Trichlorophenol	9.15	196	11803	2.527	ng	# 19
46) 1,1'-Biphenyl	9.34	154	238896	12.980	ng	# 97
49) Acenaphthylene	9.79	152	45868	2.088	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	13349	3.545	ng	# 77
52) Acenaphthene	9.96	154	52116	3.895	ng	# 23
53) 3-Nitroaniline	9.92	138	37431	8.469	ng	# 69
54) 2,4-Dinitrophenol	10.00	184	1846	6.093	ng	# 1
55) Dibenzofuran	10.13	168	85088	4.303	ng	# 1
56) 4-Nitrophenol	10.04	139	59821	21.924	ng	# 22
57) 2,4-Dinitrotoluene	10.13	165	55023	10.935	ng	# 62
58) Fluorene	10.48	166	163028	10.214	ng	# 73
60) Diethylphthalate	10.35	149	38689	2.239	ng	# 52
63) Azobenzene	10.62	77	37253	2.517	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	351248	30.954	ng	# 53
69) Atrazine	11.12	200	48548	13.862	ng	# 68

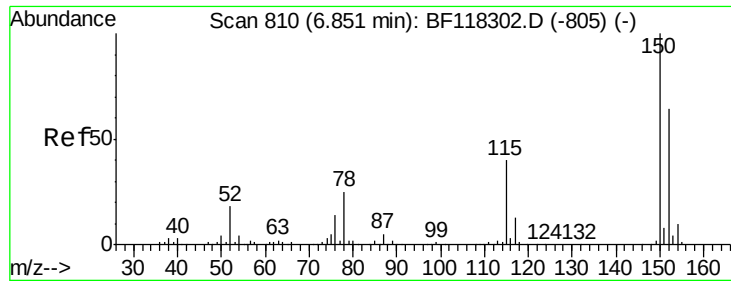
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118437.D
Acq On : 2 Jan 2020 16:01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Phenanthrene	11.45	178	200547	10.390	ng	# 84
75) Fluoranthene	12.87	202	88352	4.536	ng	81

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

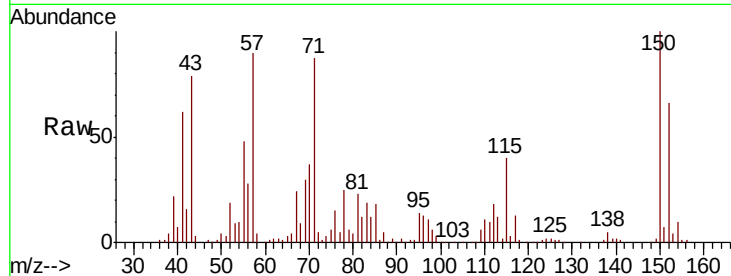


#1

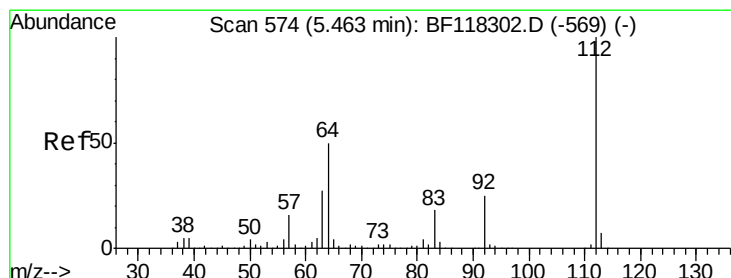
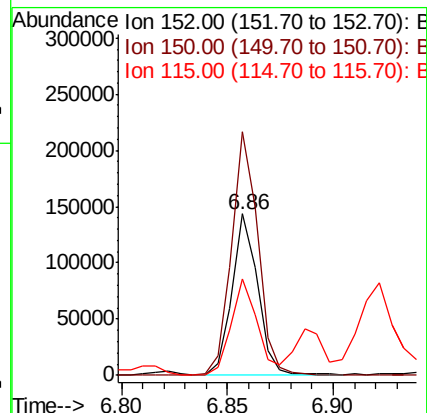
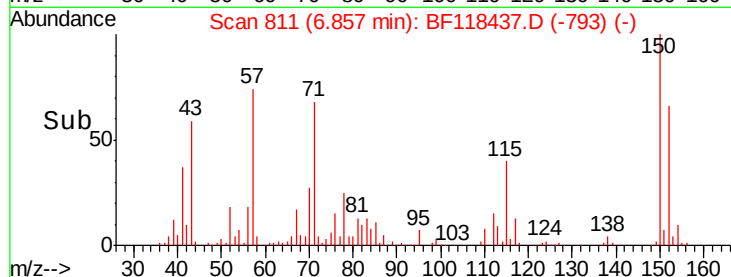
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119669
Ion Ratio Lower Upper
152 100
150 151.0 125.4 188.2
115 59.8 50.2 75.4



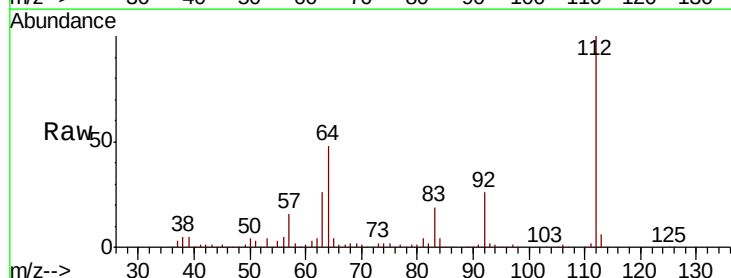
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



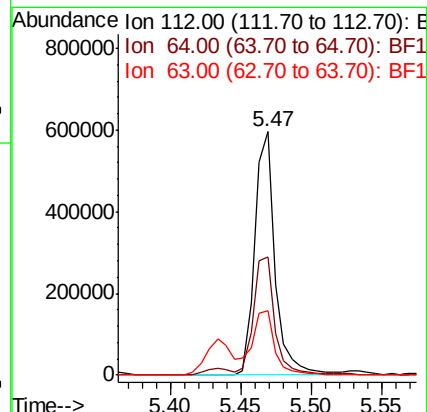
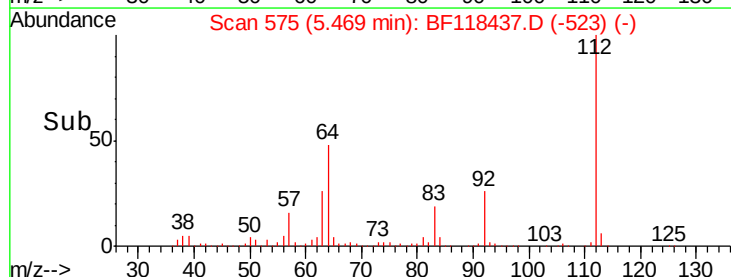
#5

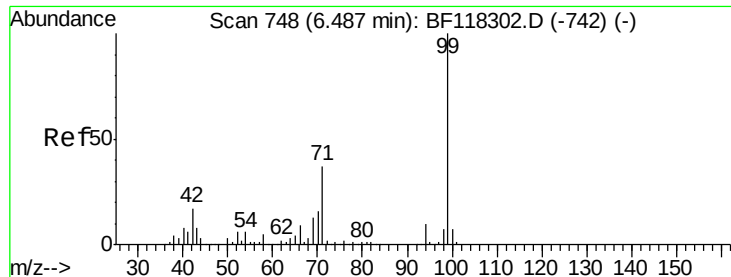
2-Fluorophenol
Concen: 86.230 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:112 Resp: 604517
Ion Ratio Lower Upper
112 100
64 48.4 39.7 59.5
63 26.2 21.7 32.5



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: 95.445 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampled :

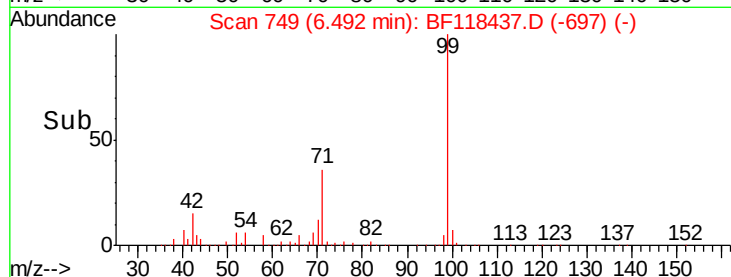
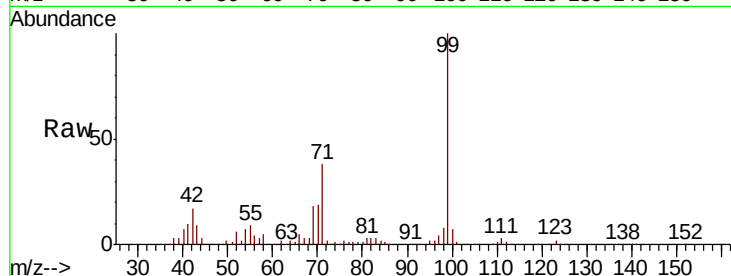
Tot Ion: 99 Resp: 830057

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

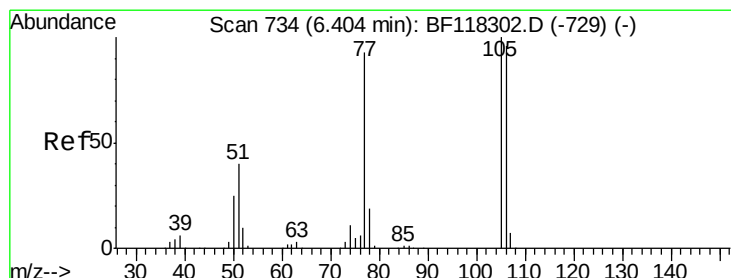
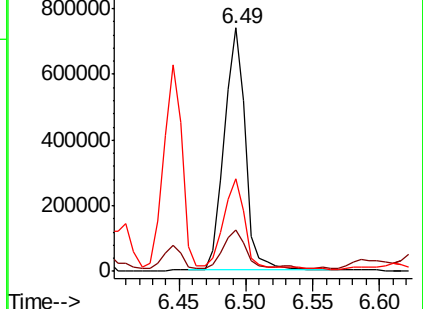
71 37.9 29.4 44.2



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: 29.258 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

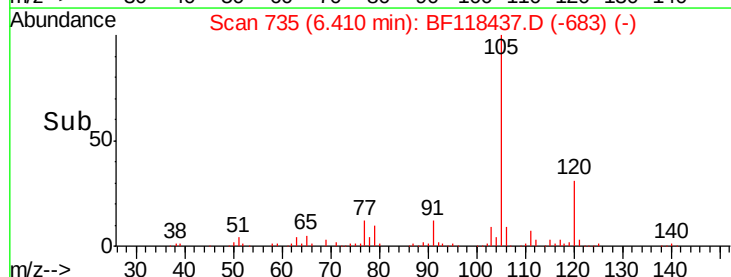
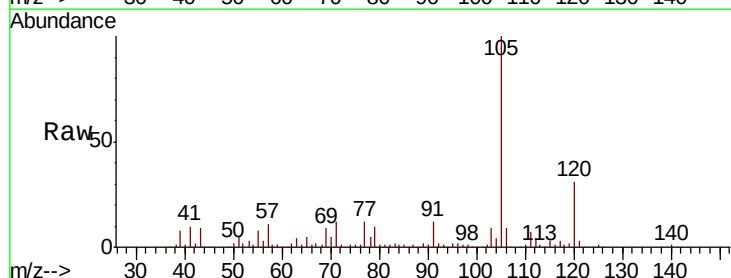
Tgt Ion: 77 Resp: 149179

Ion Ratio Lower Upper

77 100

105 815.3 87.5 127.5#

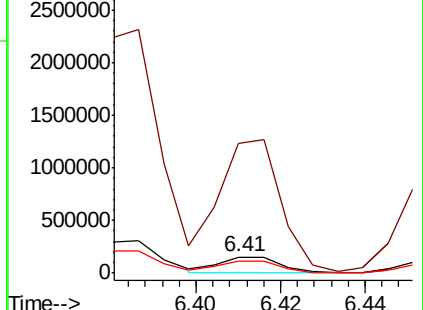
106 75.4 83.6 123.6#

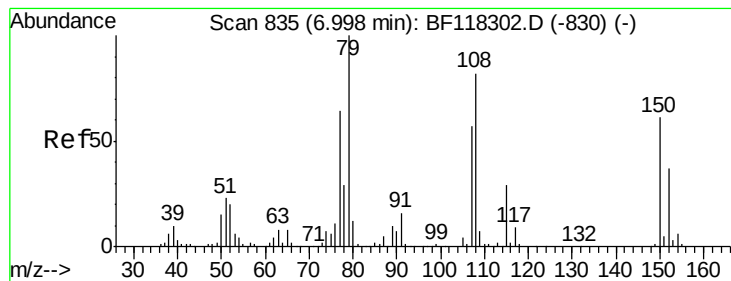


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 4.250 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampleId :

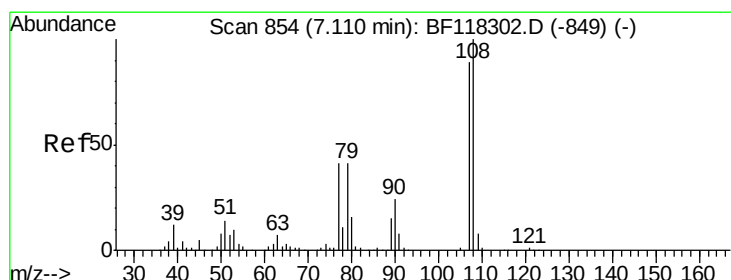
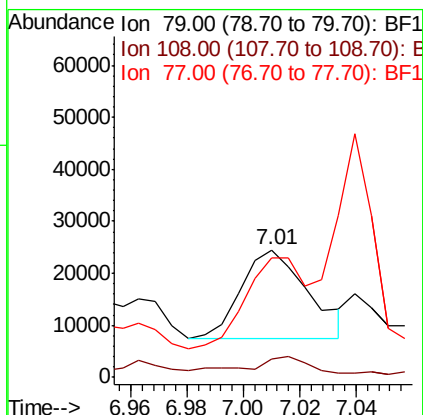
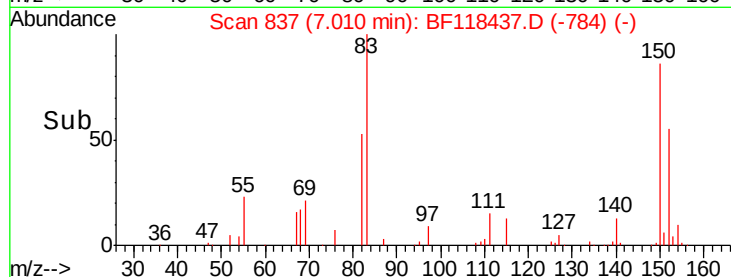
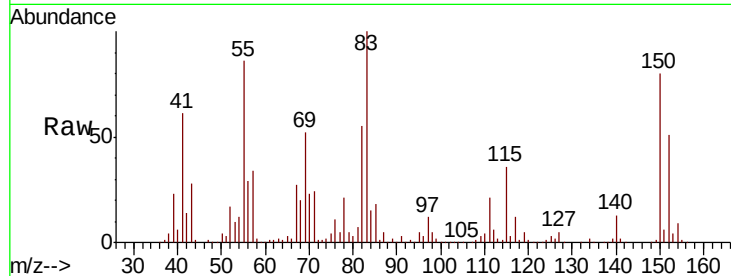
Tot Ion: 79 Resp: 28143

Ion Ratio Lower Upper

79 100

108 14.2 65.4 98.0#

77 93.8 51.4 77.0#



#17

2-Methylphenol

Concen: 3.329 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.02 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Tgt Ion: 107 Resp: 21199

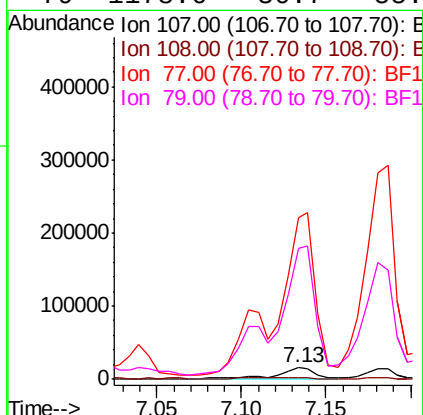
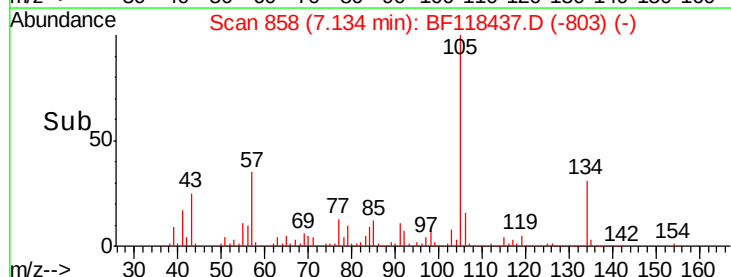
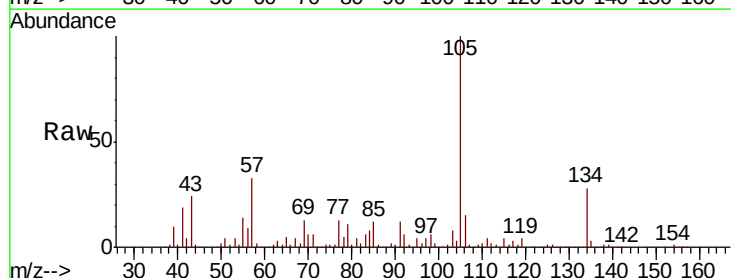
Ion Ratio Lower Upper

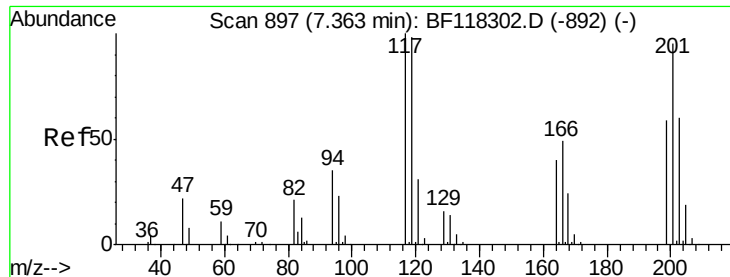
107 100

108 7.7 89.7 134.5#

77 1466.0 37.2 55.8#

79 1178.6 36.7 55.1#

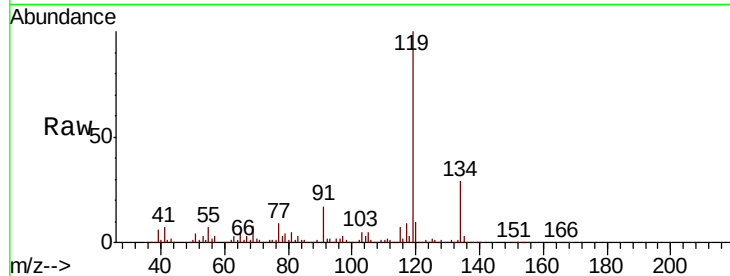




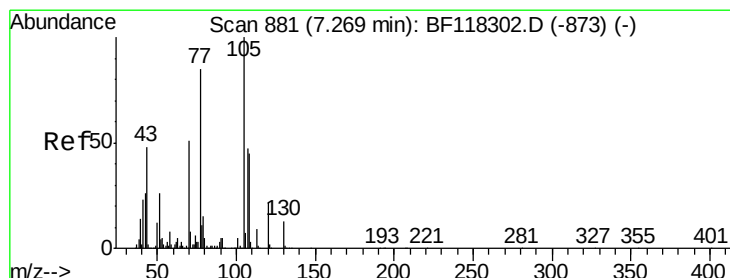
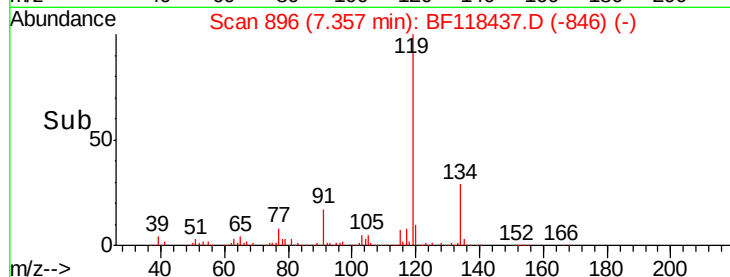
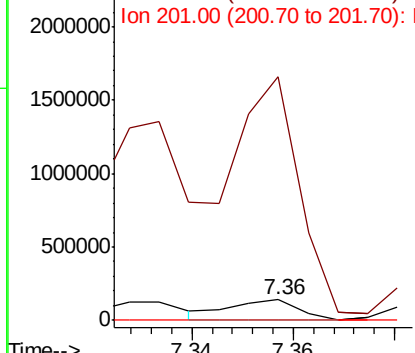
#18
Hexachloroethane
Concen: 39.158 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 133484
Ion Ratio Lower Upper
117 100
119 1168.5 78.0 117.0#
201 0.0 76.2 114.2#

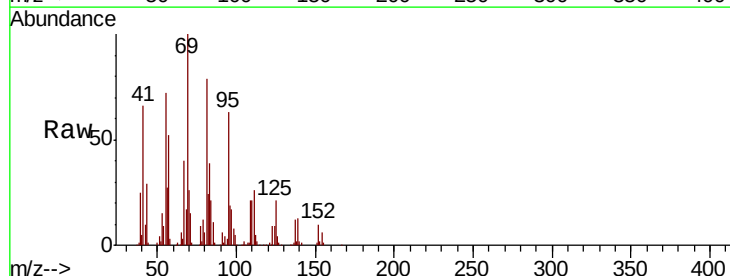


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

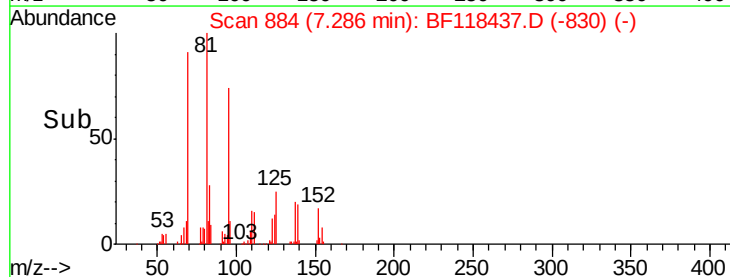
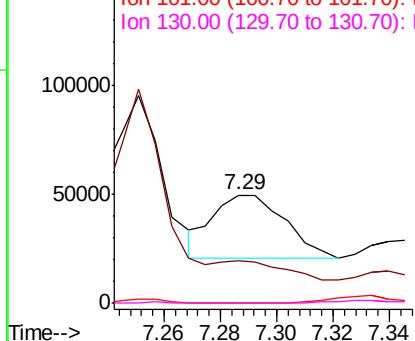


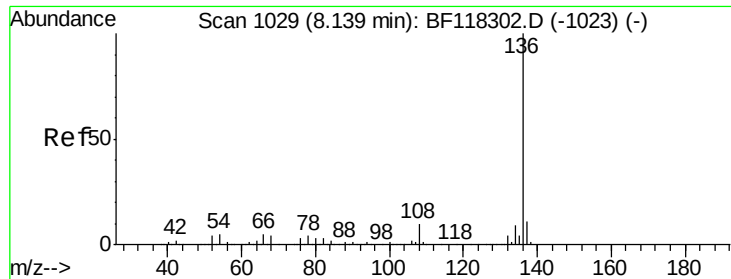
#19
n-Nitroso-di-n-propylamine
Concen: 9.645 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.02 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion: 70 Resp: 51674
Ion Ratio Lower Upper
70 100
42 39.6 41.1 61.7#
101 0.0 8.3 12.5#
130 0.0 20.1 30.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

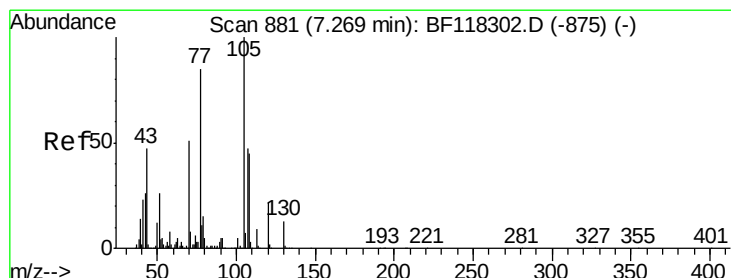
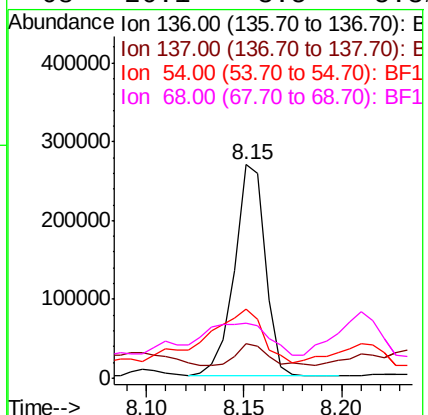
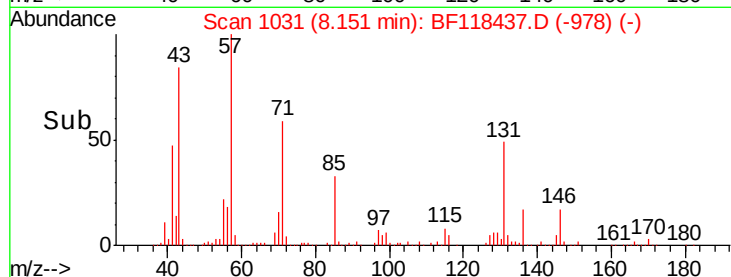
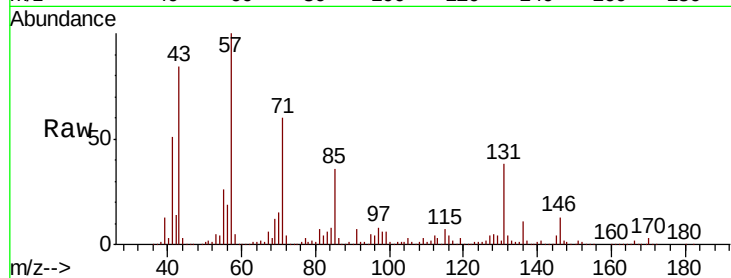




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

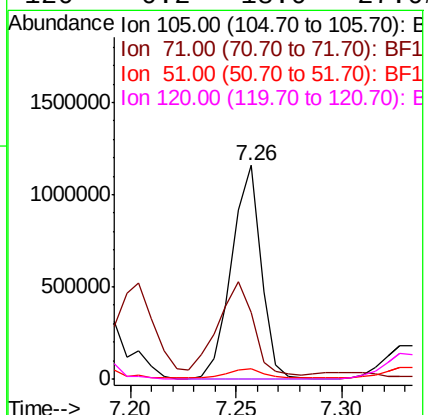
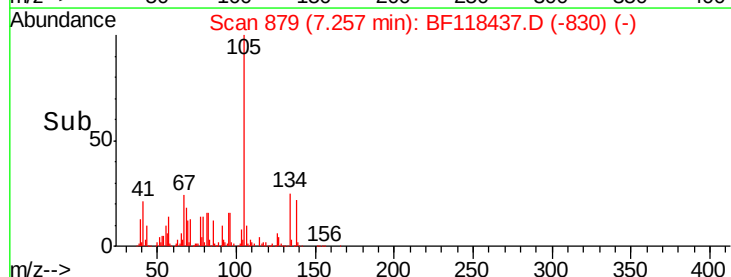
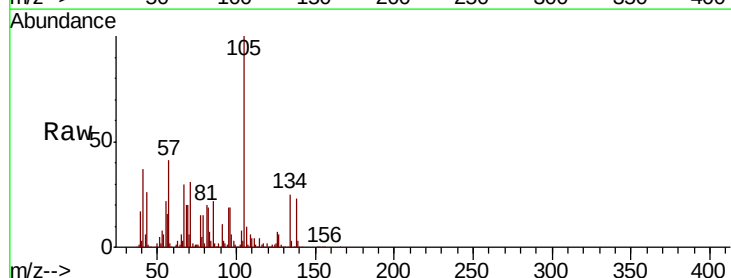
Instrument :
BNA_F
ClientSampled :

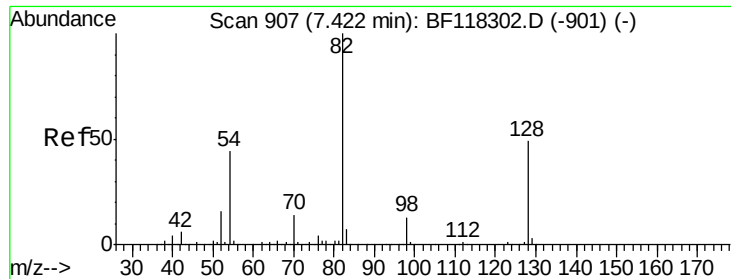
Tot Ion:136	Resp:	295011
Ion	Ratio	Lower Upper
136	100	
137	16.2	8.9 13.3#
54	32.4	4.2 6.4#
68	26.1	3.5 5.3#



#22
Acetophenone
Concen: 153.793 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:105	Resp:	1111986
Ion	Ratio	Lower Upper
105	100	
71	31.0	6.6 9.8#
51	5.0	20.6 30.8#
120	0.2	18.0 27.0#

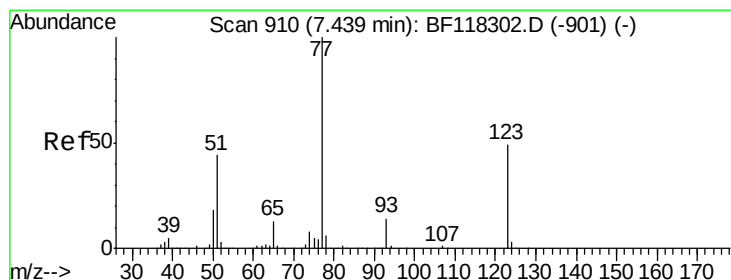
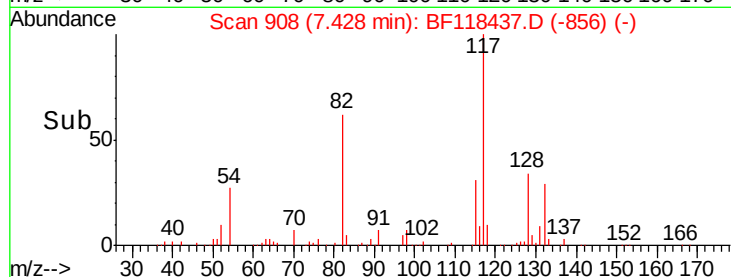
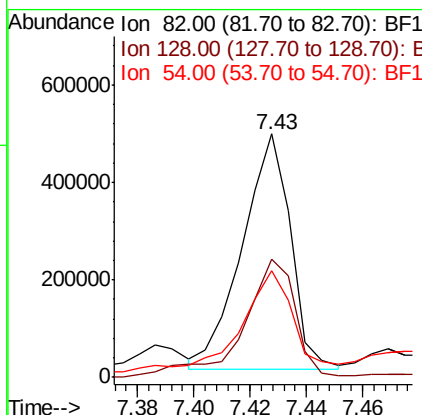
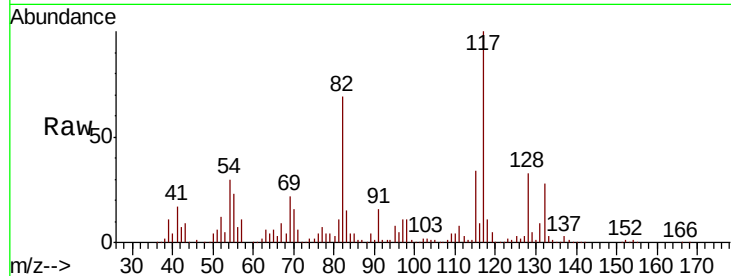




#23
 Nitrobenzene-d5
 Concen: 111.295 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

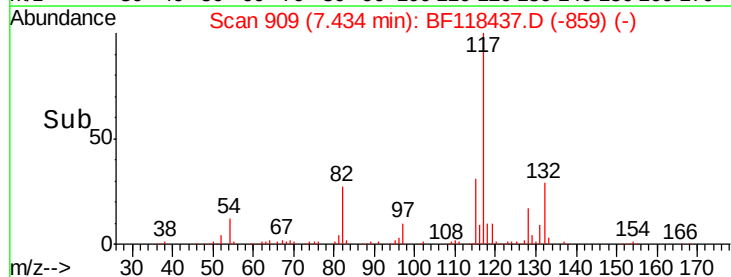
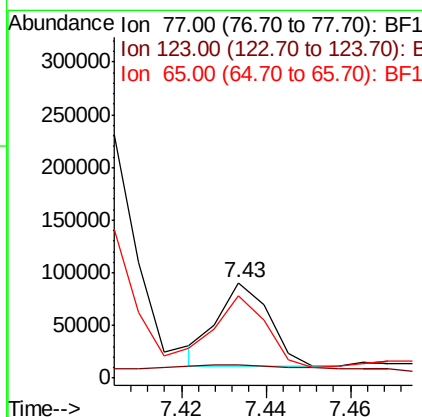
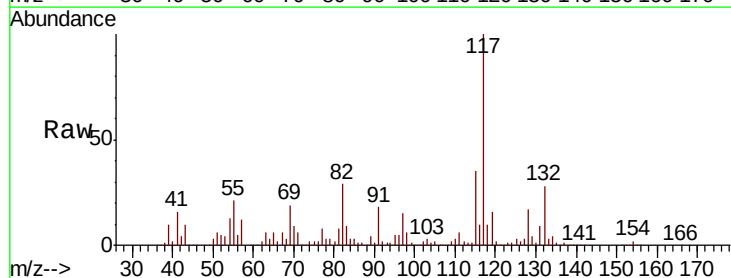
Instrument :
 BNA_F
 ClientSampleId :

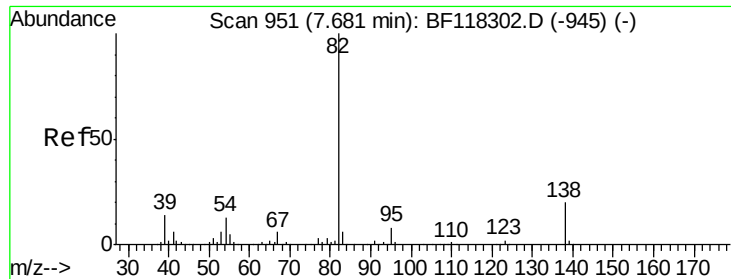
Tot Ion	82	Resp	574060
Ion Ratio	Lower	Upper	
82	100		
128	48.5	39.6	59.4
54	43.9	34.9	52.3



#24
 Nitrobenzene
 Concen: 12.707 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

Tgt Ion	77	Resp	65656
Ion Ratio	Lower	Upper	
77	100		
123	13.2	39.1	58.7#
65	85.5	10.6	16.0#





#25

Isophorone

Concen: 32.857 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampled :

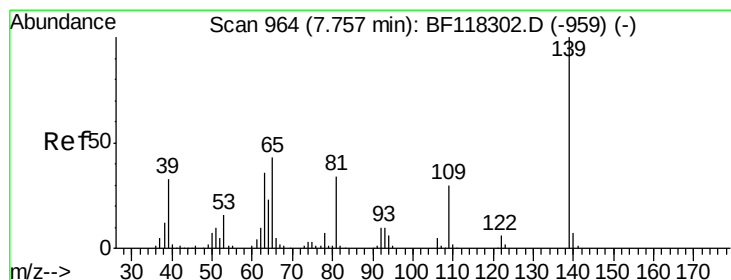
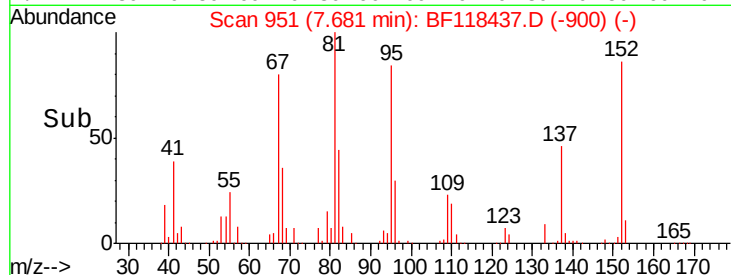
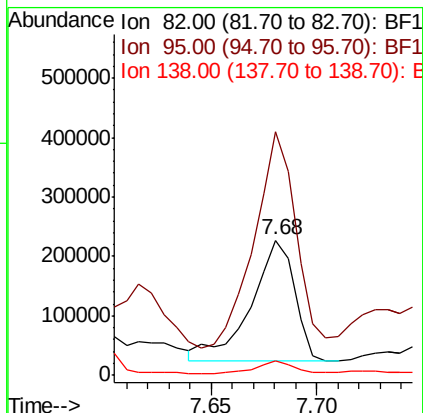
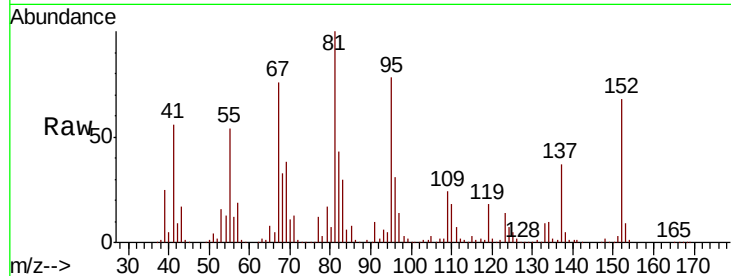
Tot Ion: 82 Resp: 295357

Ion Ratio Lower Upper

82 100

95 180.2 6.3 9.5#

138 10.4 16.2 24.2#



#26

2-Nitrophenol

Concen: 10.284 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

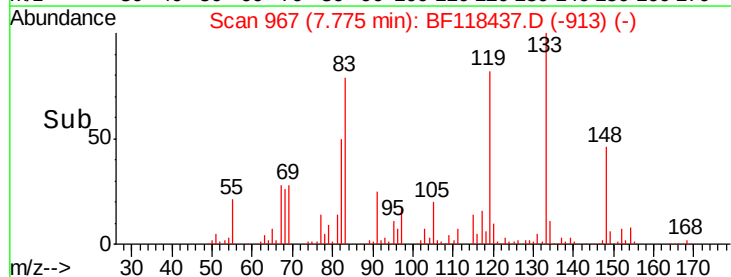
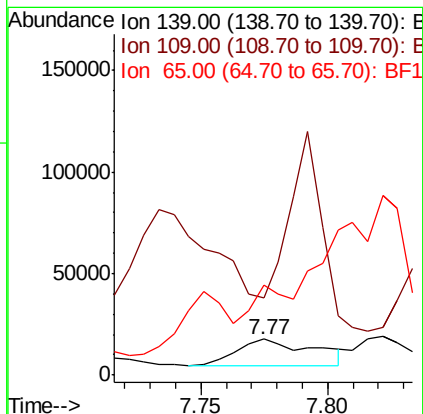
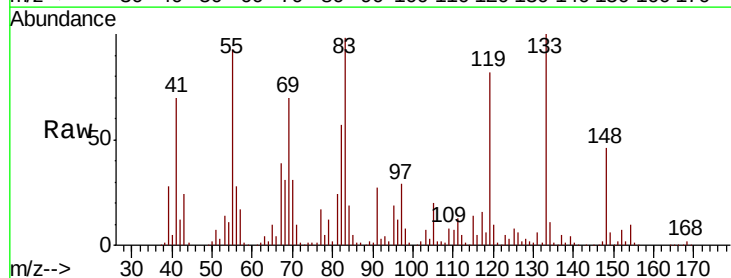
Tgt Ion: 139 Resp: 28145

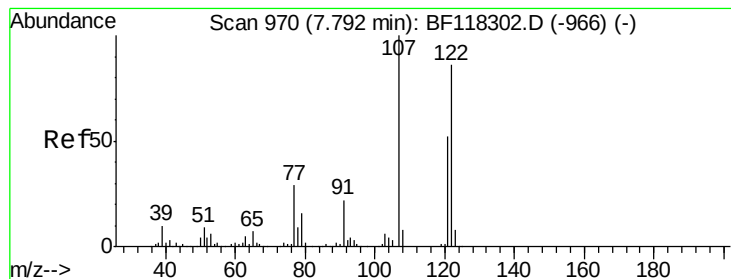
Ion Ratio Lower Upper

139 100

109 214.4 24.1 36.1#

65 250.7 34.6 52.0#

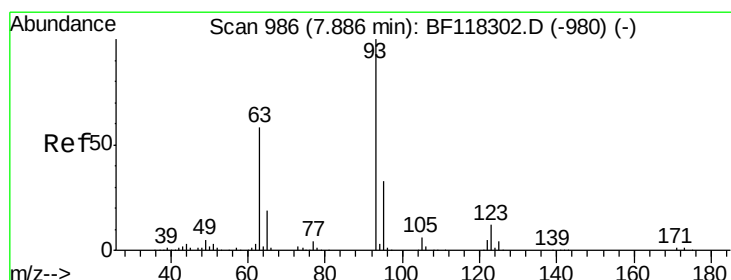
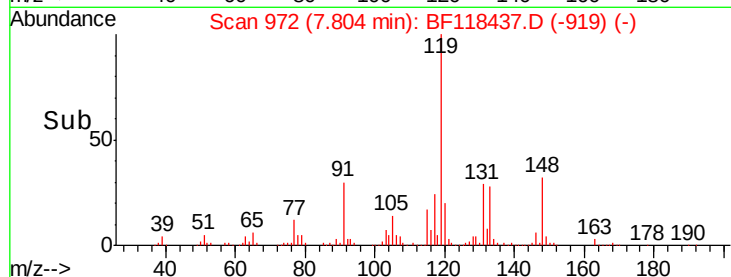
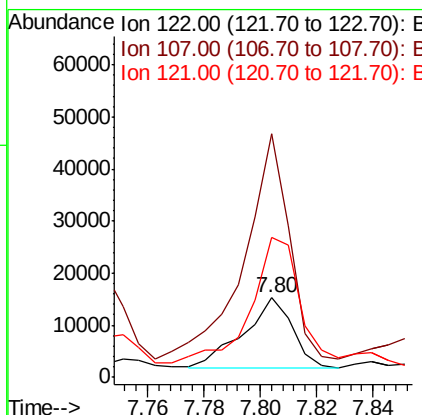
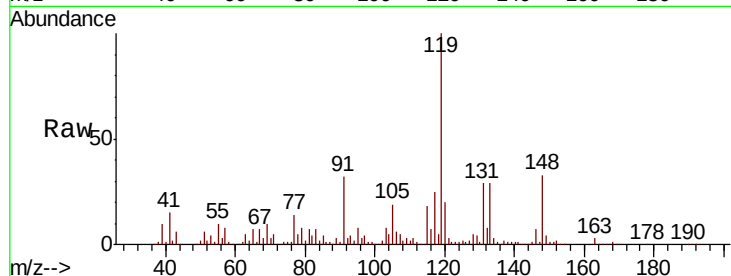




#27
 2,4-Dimethylphenol
 Concen: 4.242 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

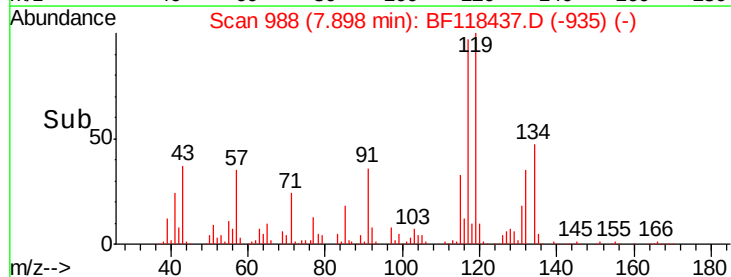
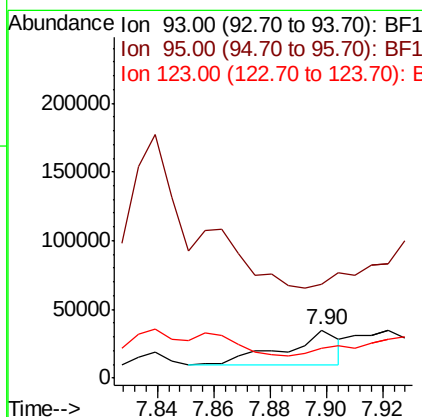
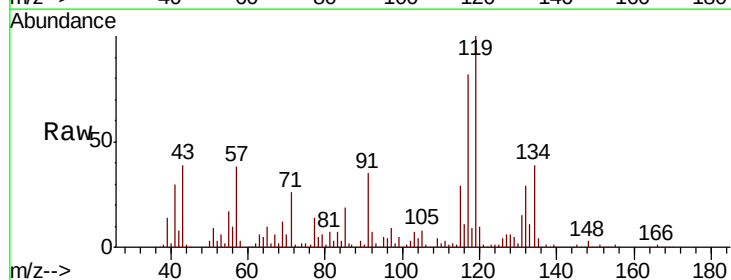
Instrument :
 BNA_F
 ClientSampled :

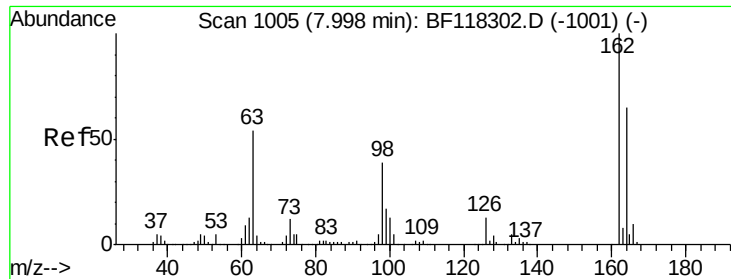
Tot Ion	Ratio	Lower	Upper
122	100		
107	306.6	92.9	139.3#
121	176.6	47.9	71.9#



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.723 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	195.7	26.2	39.4#
123	62.3	9.8	14.8#

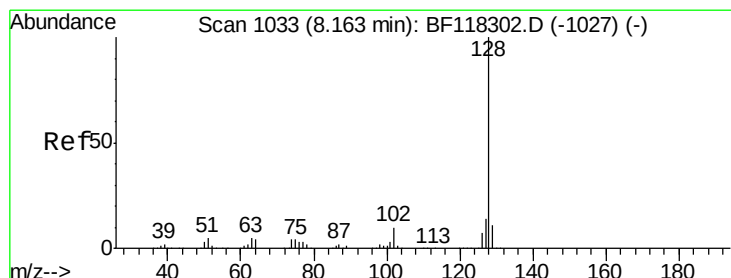
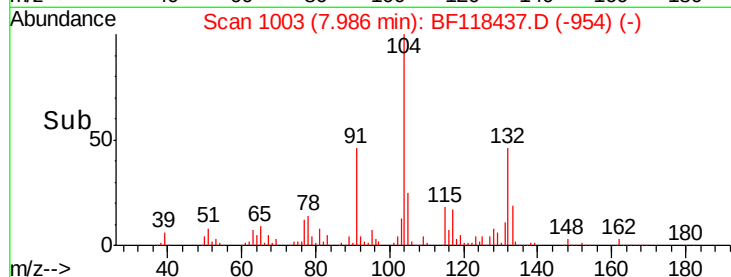
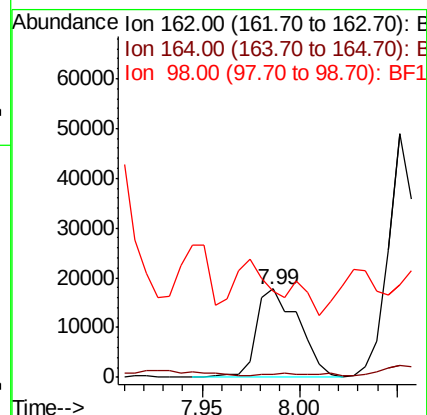
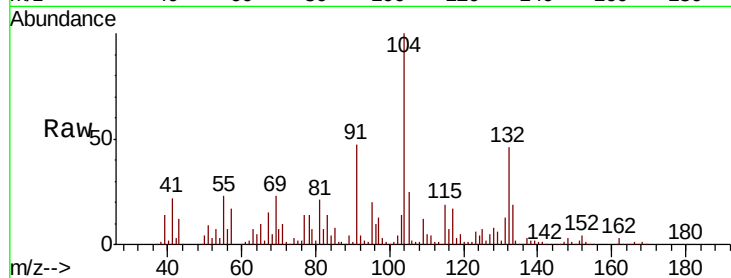




#29
2,4-Dichlorophenol
Concen: 6.206 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

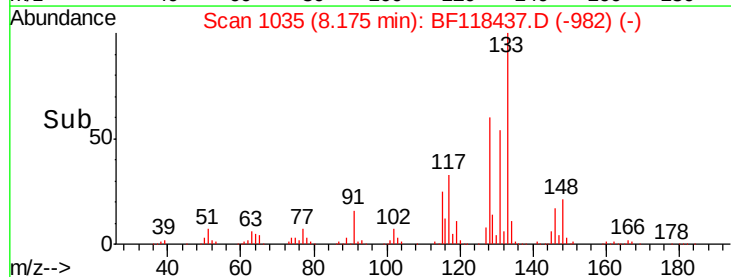
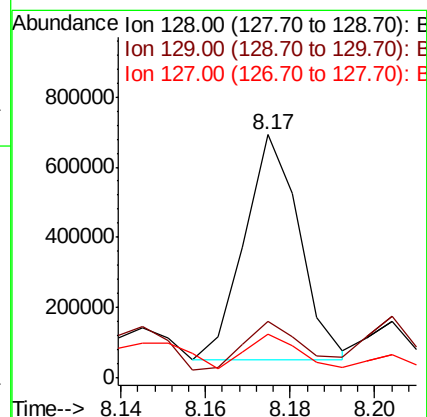
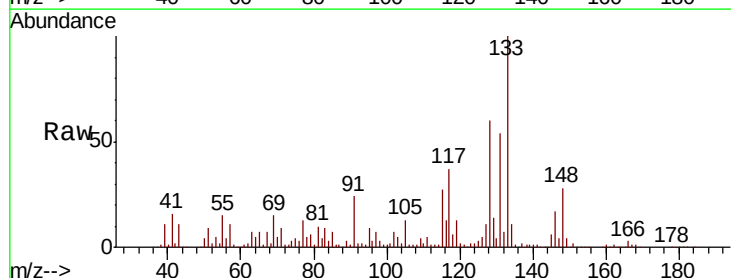
Instrument :
BNA_F
ClientSampleId :

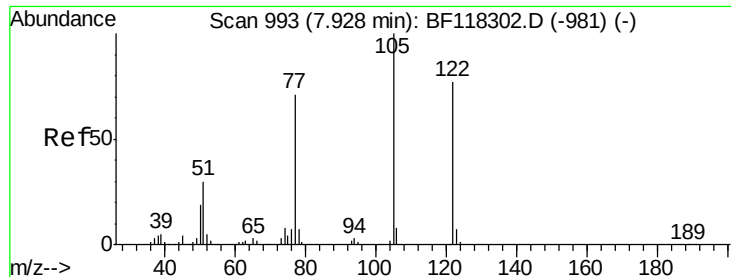
Tot Ion:162 Resp: 26673
Ion Ratio Lower Upper
162 100
164 4.0 45.1 85.1#
98 96.9 18.6 58.6#



#31
Naphthalene
Concen: 38.880 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:128 Resp: 582977
Ion Ratio Lower Upper
128 100
129 23.4 9.0 13.4#
127 18.2 11.0 16.4#

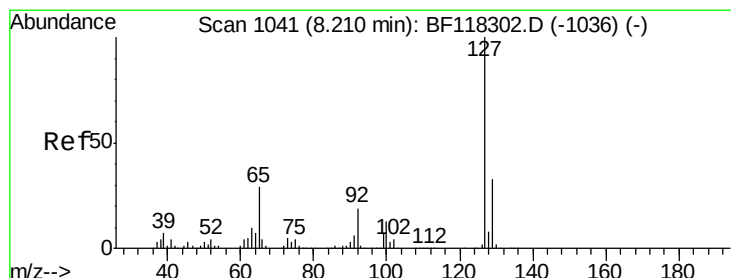
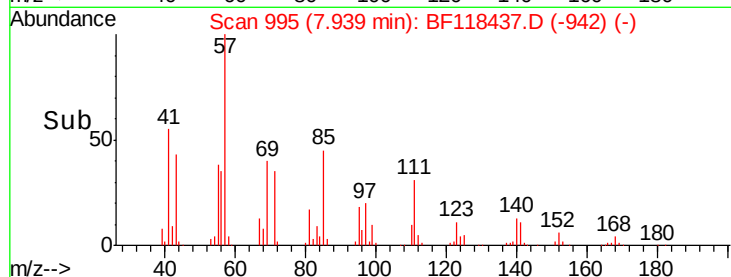
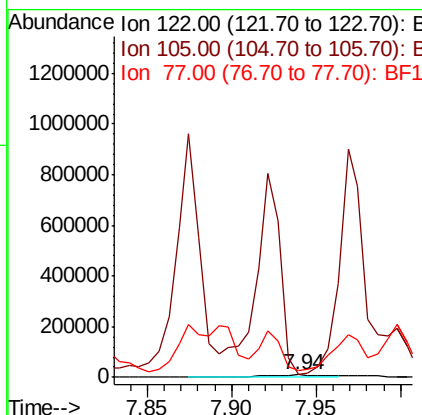
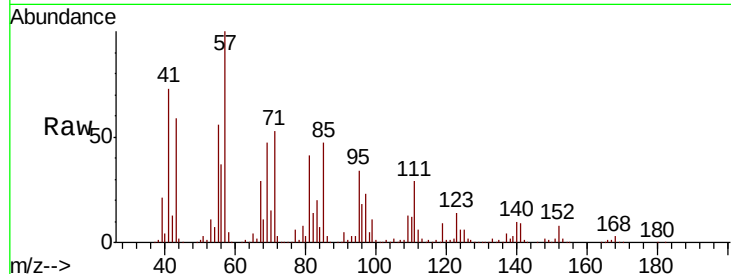




#32
Benzoic acid
Concen: 11.368 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

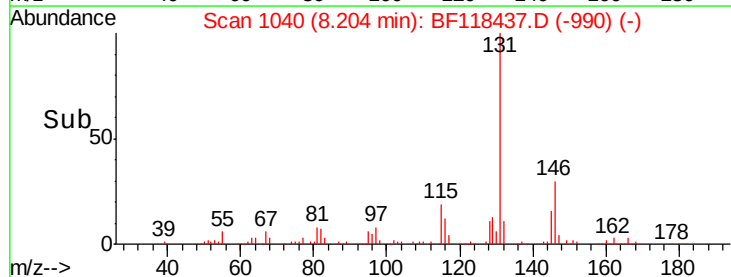
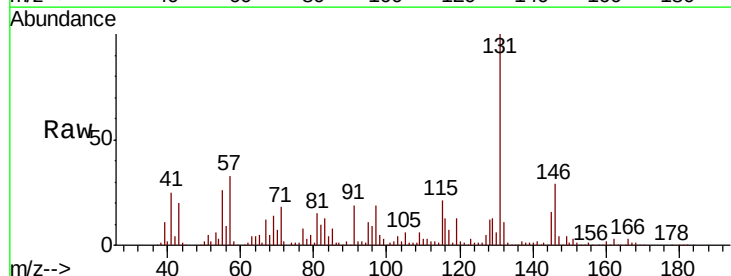
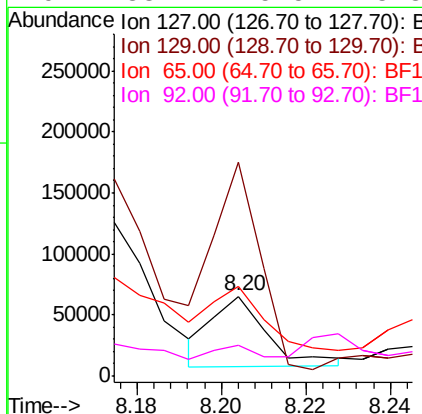
Instrument :
BNA_F
ClientSampleId :

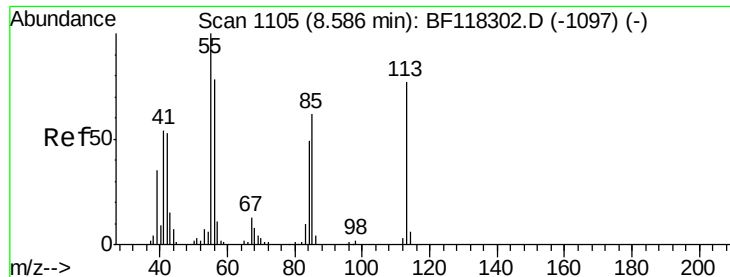
Tot Ion:122 Resp: 20353
Ion Ratio Lower Upper
122 100
105 104.1 106.8 146.8#
77 288.3 70.4 110.4#



#33
4-Chloroaniline
Concen: 8.289 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:127 Resp: 53279
Ion Ratio Lower Upper
127 100
129 268.0 26.5 39.7#
65 112.0 22.8 34.2#
92 38.4 15.5 23.3#

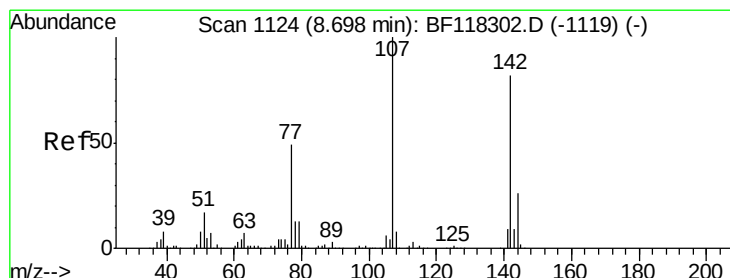
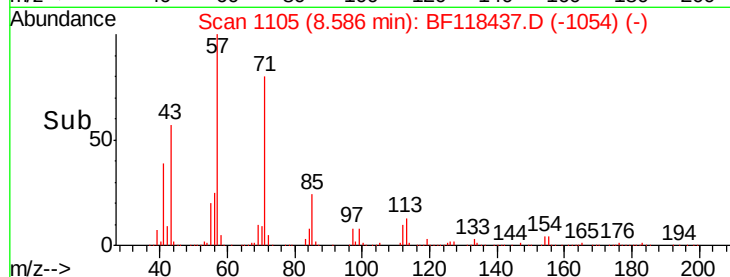
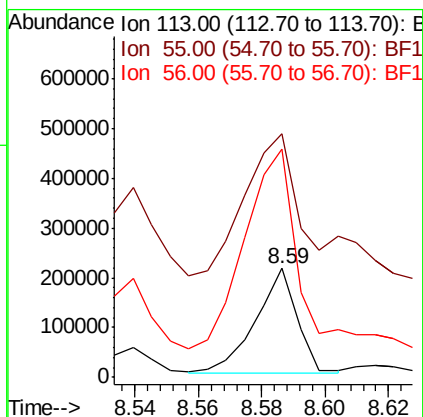
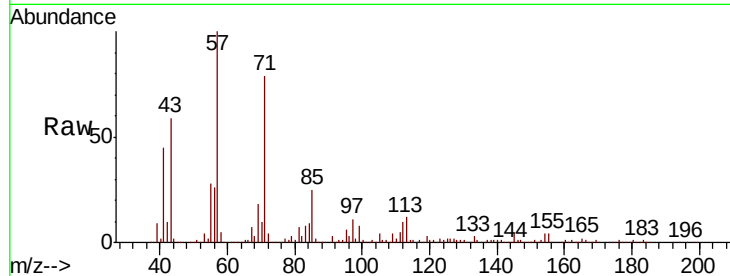




#35
 Caprolactam
 Concen: 145.385 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

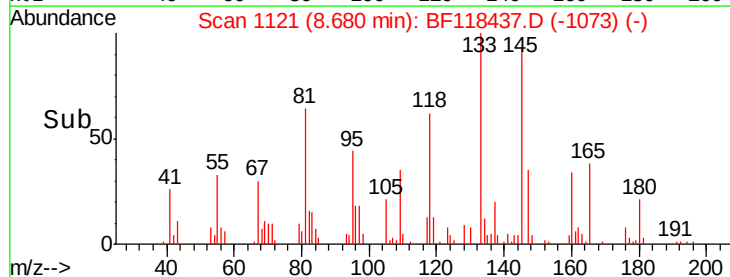
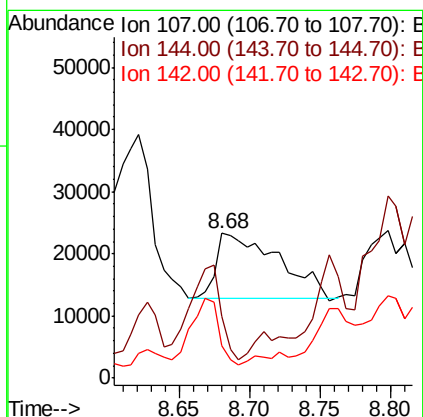
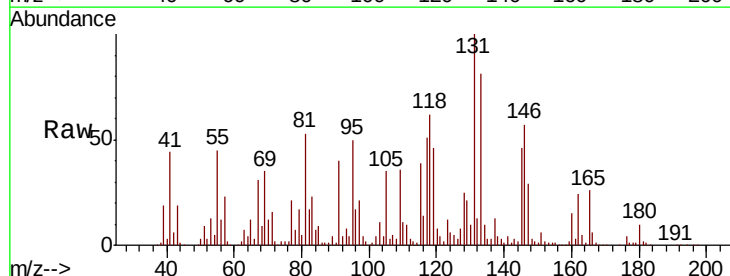
Instrument :
 BNA_F
 ClientSampled :

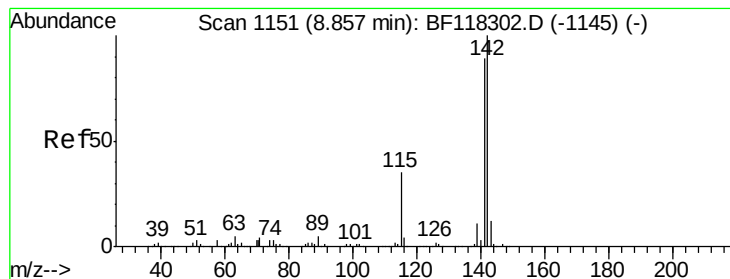
Tot Ion:113 Resp: 195075
 Ion Ratio Lower Upper
 113 100
 55 224.1 109.8 149.8#
 56 209.9 81.7 121.7#



#36
 4-Chloro-3-methylphenol
 Concen: 6.904 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

Tgt Ion:107 Resp: 31856
 Ion Ratio Lower Upper
 107 100
 144 42.7 21.2 31.8#
 142 22.2 65.4 98.2#





#37

2-Methylnaphthalene

Concen: 127.899 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampleId :

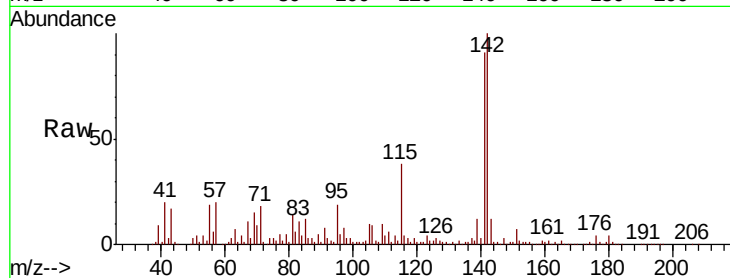
Tot Ion:142 Resp: 1313020

Ion Ratio Lower Upper

142 100

141 90.6 71.2 106.8

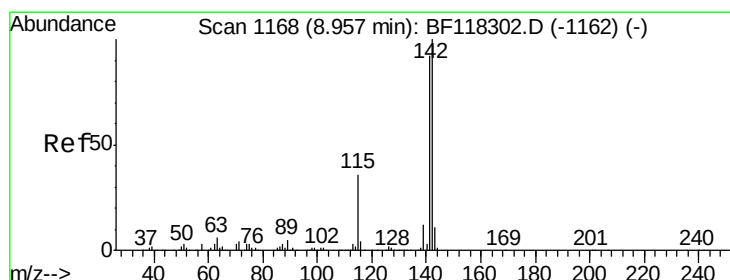
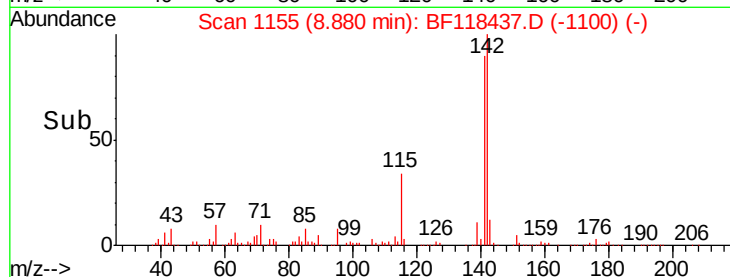
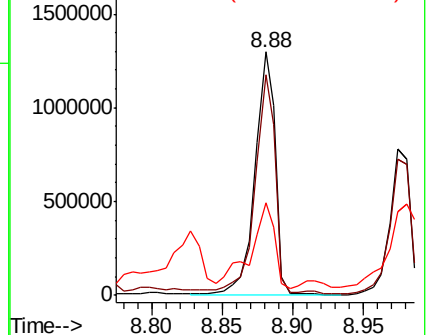
115 38.0 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 85.643 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.02 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

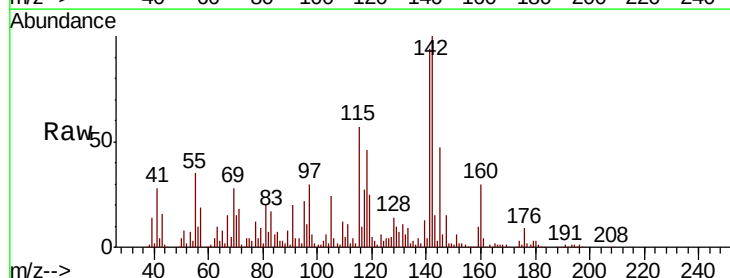
Tgt Ion:142 Resp: 828341

Ion Ratio Lower Upper

142 100

141 93.6 73.4 110.2

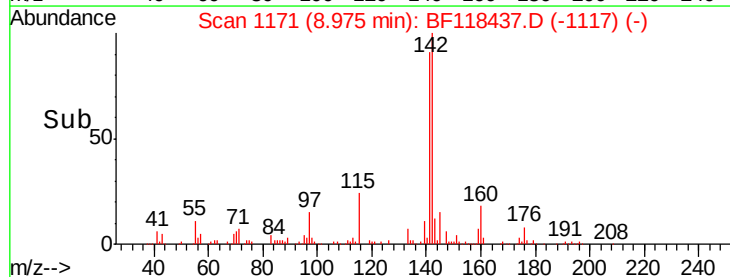
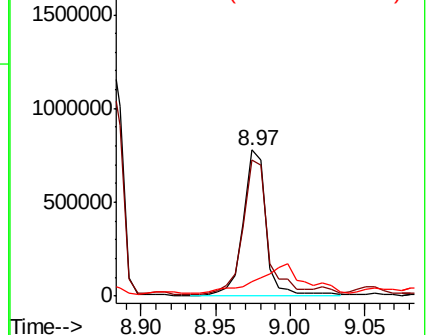
116 9.8 2.9 4.3#

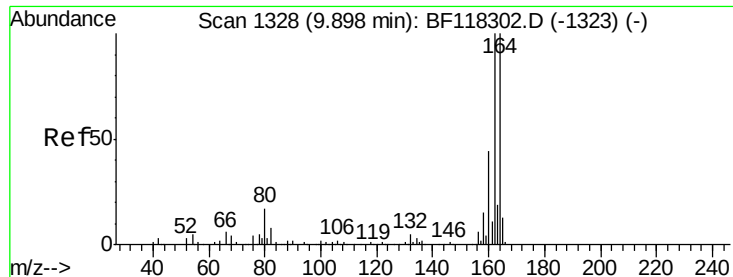


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

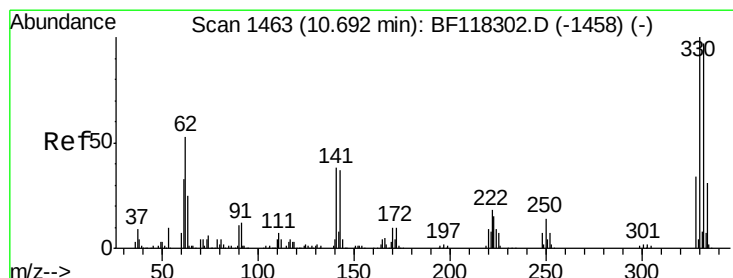
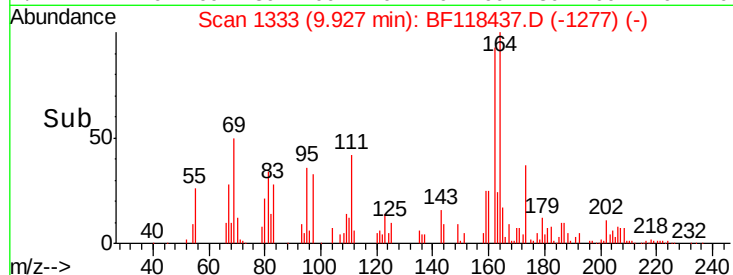
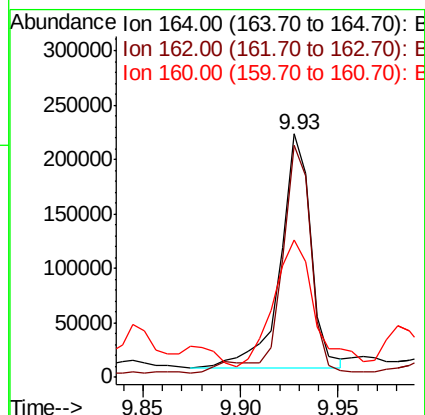
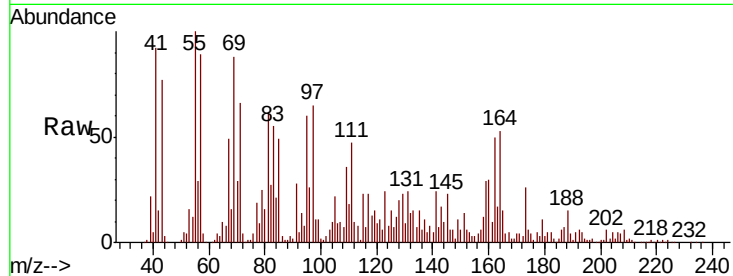




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.03 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

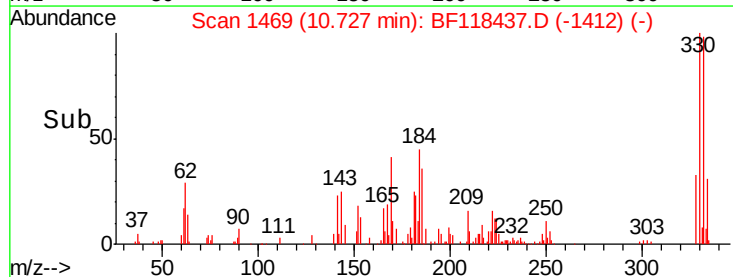
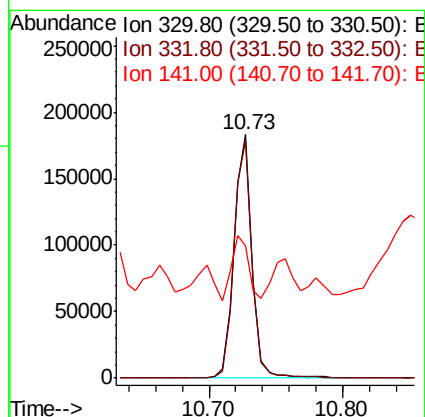
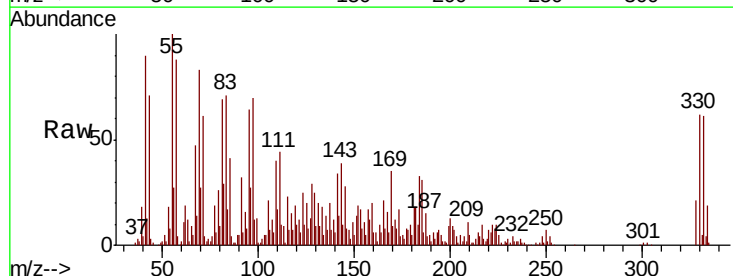
Instrument :
 BNA_F
 ClientSampled :

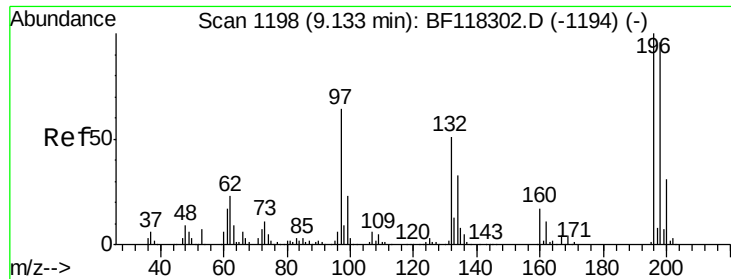
Tot Ion:164 Resp: 232700
 Ion Ratio Lower Upper
 164 100
 162 95.2 80.0 120.0
 160 56.2 34.8 52.2#



#42
 2,4,6-Tribromophenol
 Concen: 60.123 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.04 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

Tgt Ion:330 Resp: 172775
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 24.8 26.0 39.0#

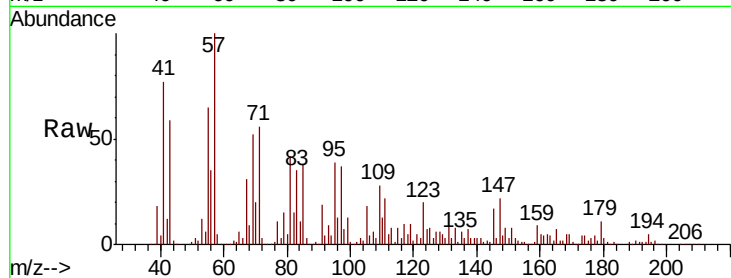




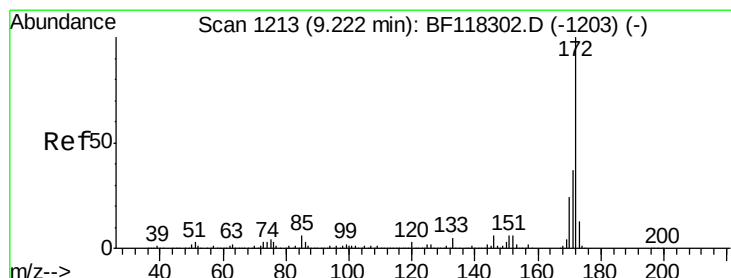
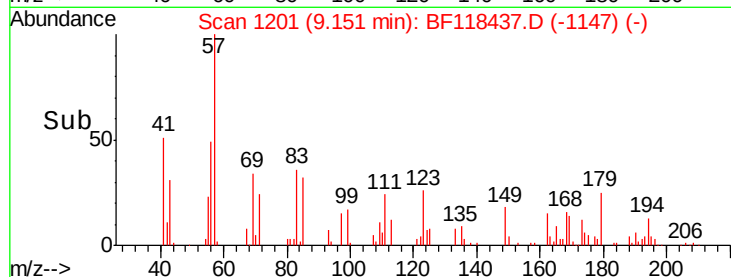
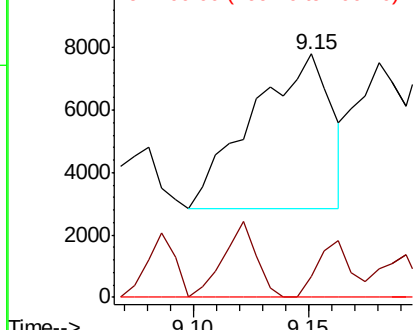
#43
2,4,6-Trichlorophenol
Concen: 2.527 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.02 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 11803
Ion Ratio Lower Upper
196 100
198 8.8 76.7 115.1#
200 0.0 24.8 37.2#

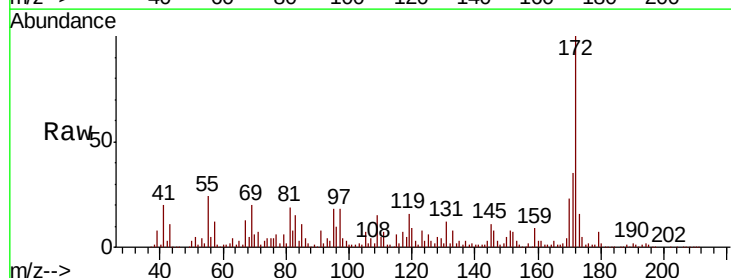


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

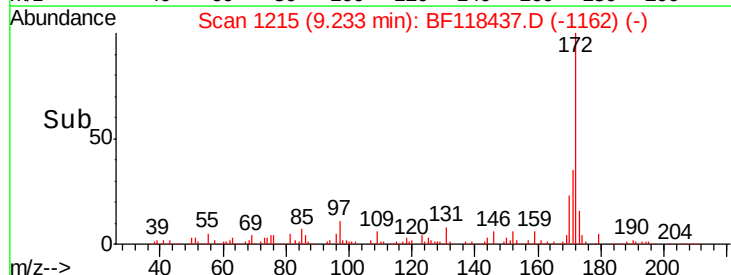
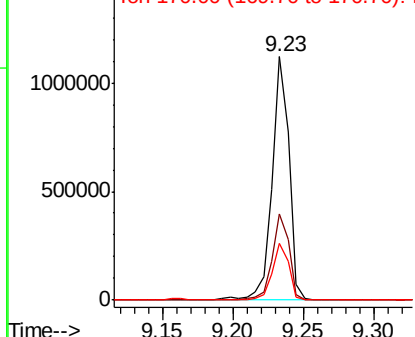


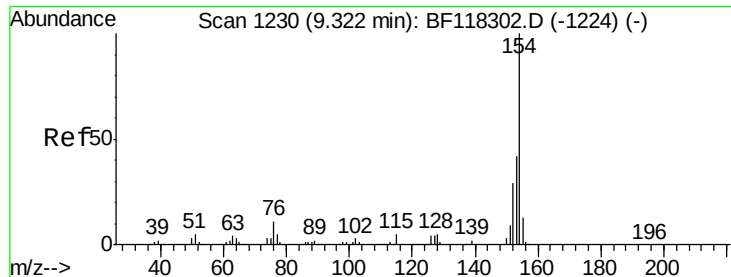
#45
2-Fluorobiphenyl
Concen: 62.017 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:172 Resp: 945405
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.3 19.2 28.8



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

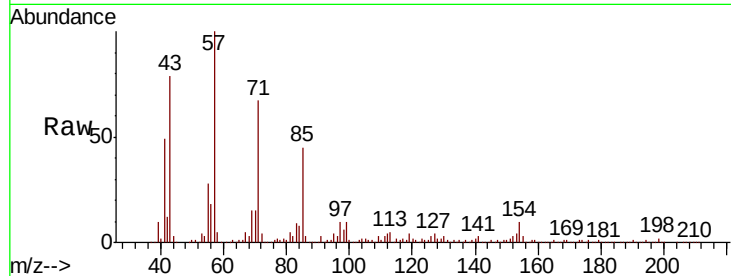




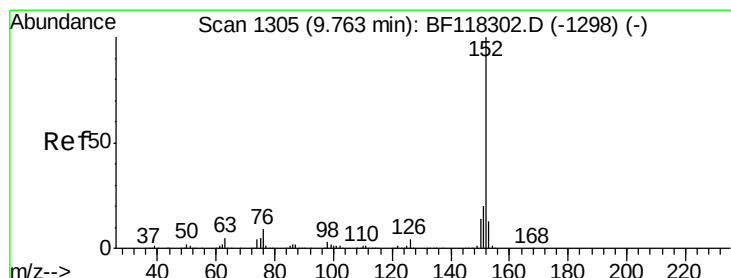
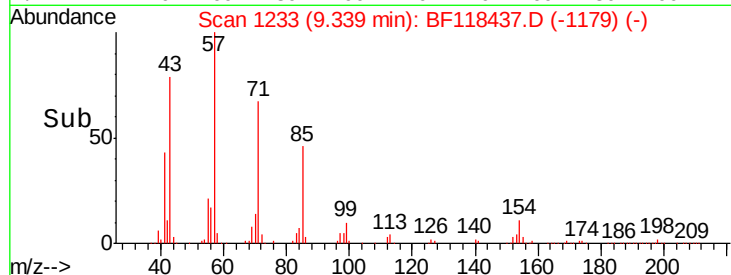
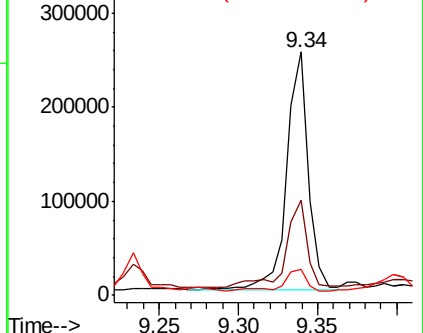
#46
 1,1'-Biphenyl
 Concen: 12.980 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.02 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.8	61.8
76	10.6	0.0	30.9

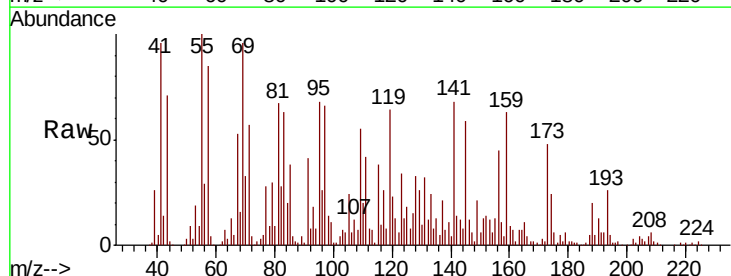


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

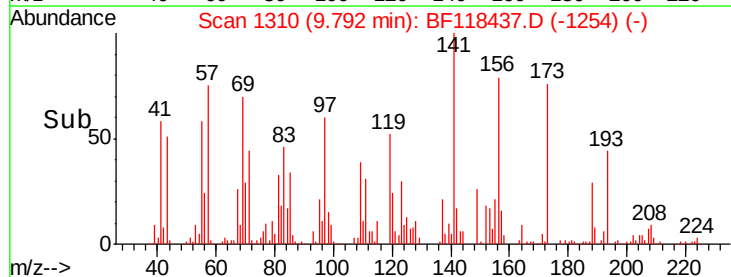
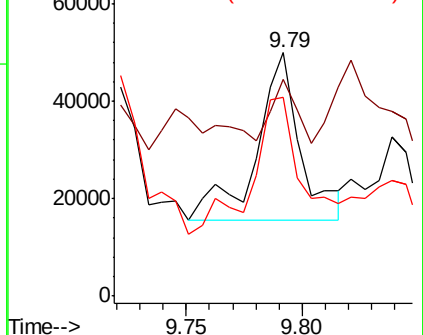


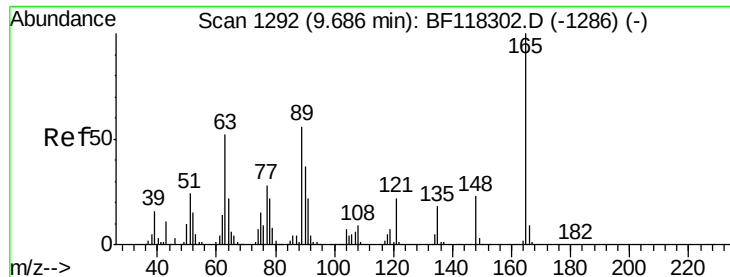
#49
 Acenaphthylene
 Concen: 2.088 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.03 min
 Lab File: BF118437.D
 Acq: 2 Jan 2020 16:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	89.2	16.2	24.2#
153	81.9	10.5	15.7#



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





#51

2,6-Dinitrotoluene

Concen: 3.545 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.05 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampled :

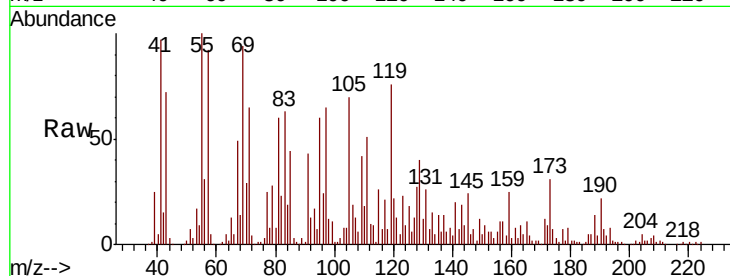
Tot Ion:165 Resp: 13349

Ion Ratio Lower Upper

165 100

63 43.9 42.2 63.4

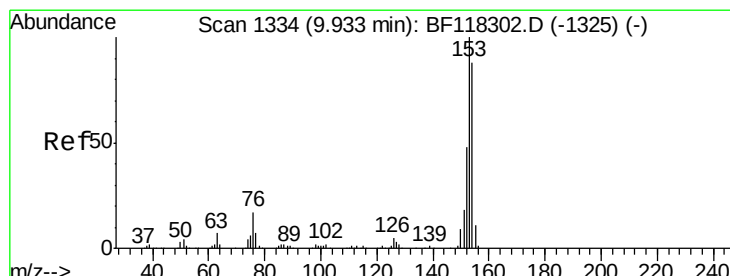
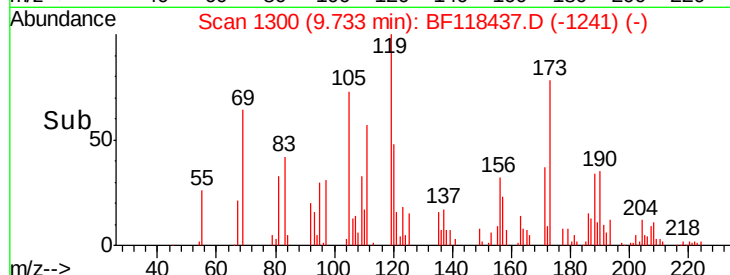
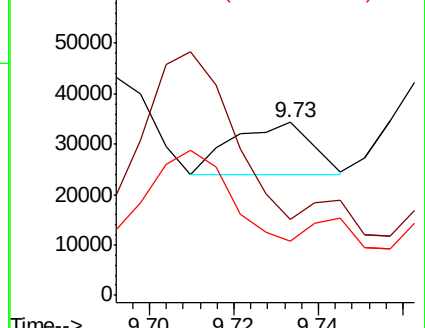
89 31.5 44.4 66.6#



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: 3.895 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.03 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

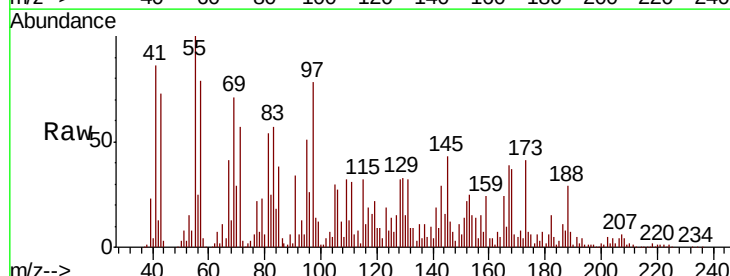
Tgt Ion:154 Resp: 52116

Ion Ratio Lower Upper

154 100

153 167.9 90.6 136.0#

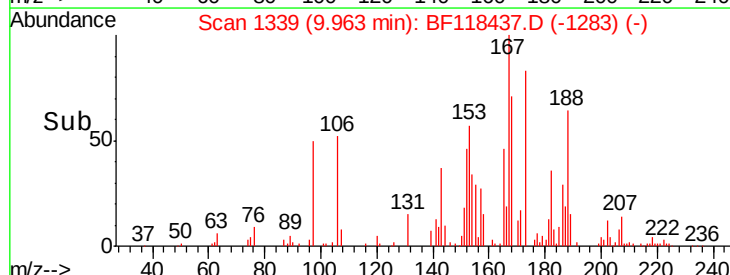
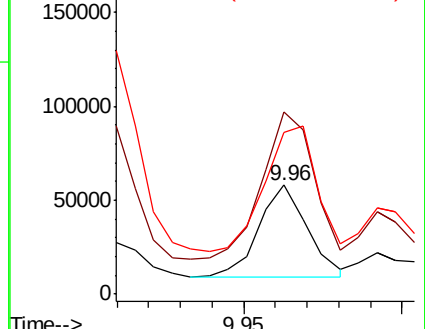
152 149.2 43.1 64.7#

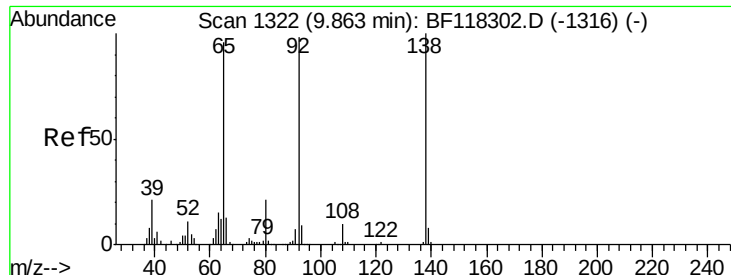


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

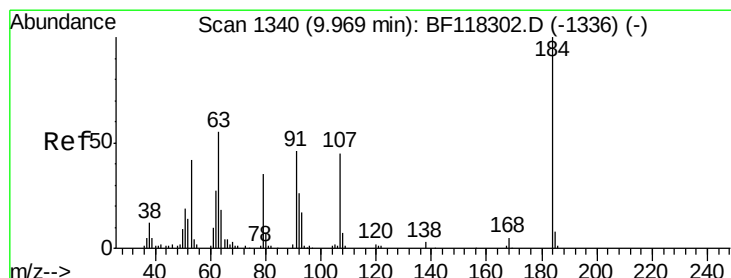
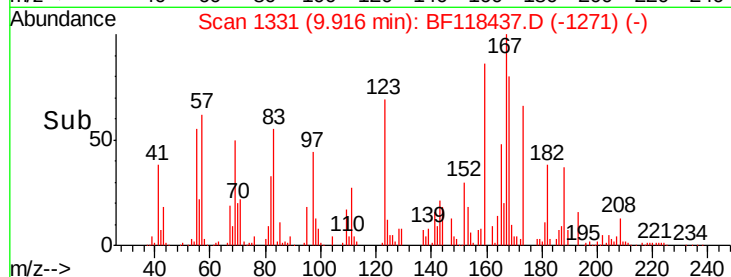
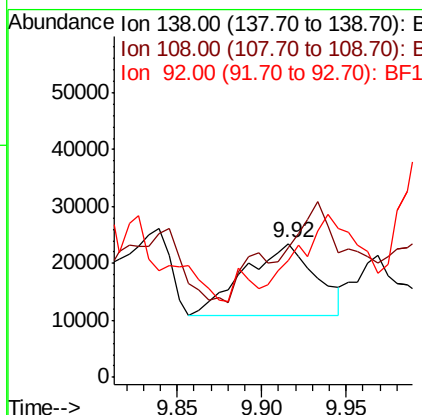
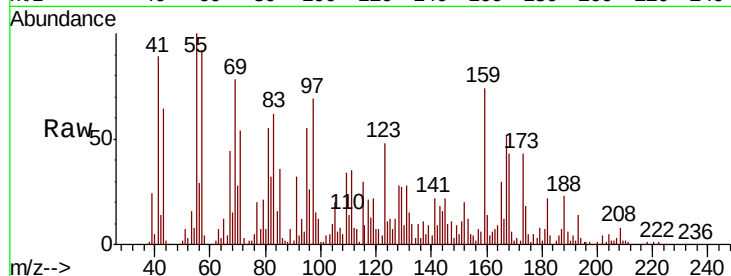




#53
3-Nitroaniline
Concen: 8.469 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.05 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

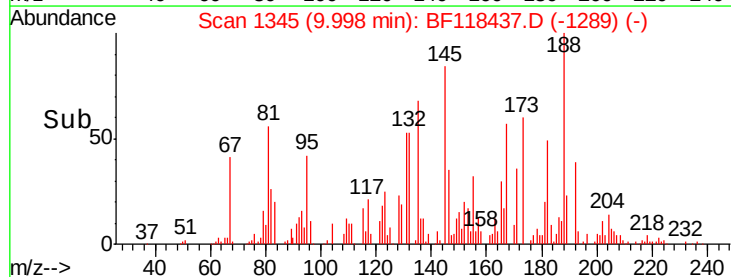
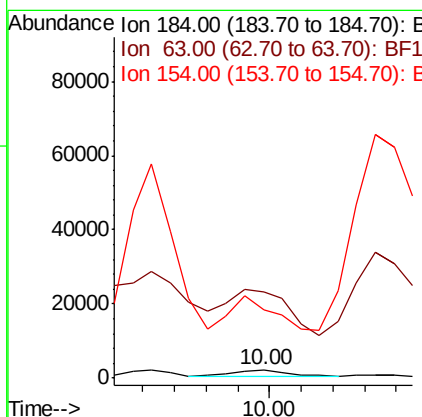
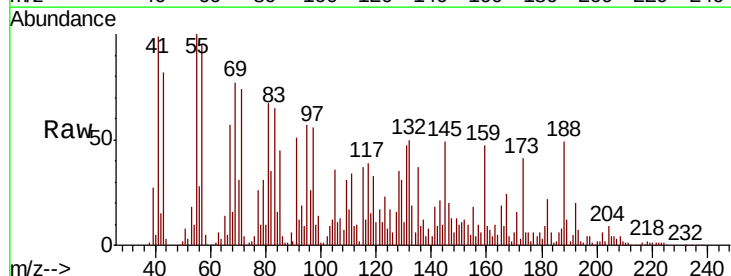
Instrument :
BNA_F
ClientSampleId :

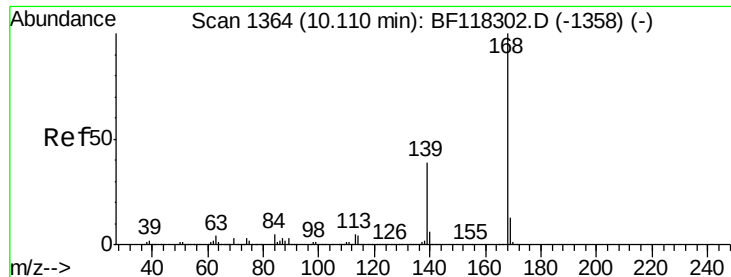
Tot Ion:138 Resp: 37431
Ion Ratio Lower Upper
138 100
108 96.8 7.8 11.8#
92 87.4 78.2 117.2



#54
2,4-Dinitrophenol
Concen: 6.093 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:184 Resp: 1846
Ion Ratio Lower Upper
184 100
63 1062.3 48.8 73.2#
154 837.0 55.0 82.4#

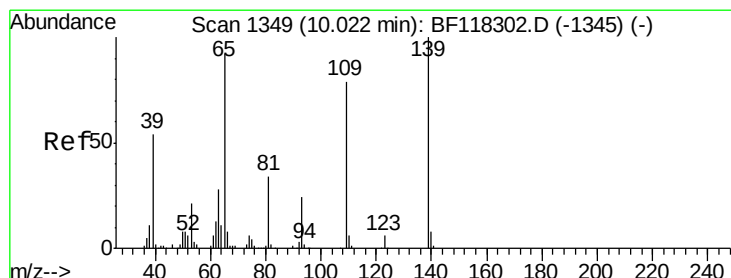
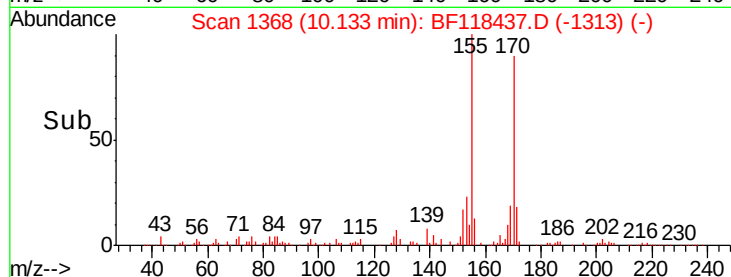
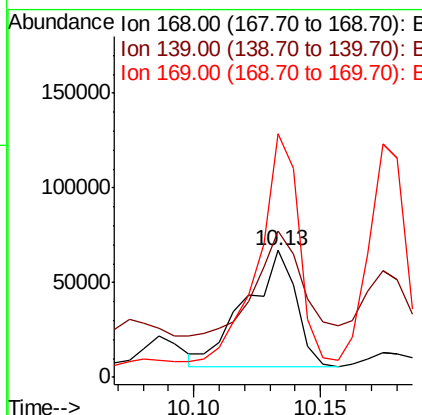
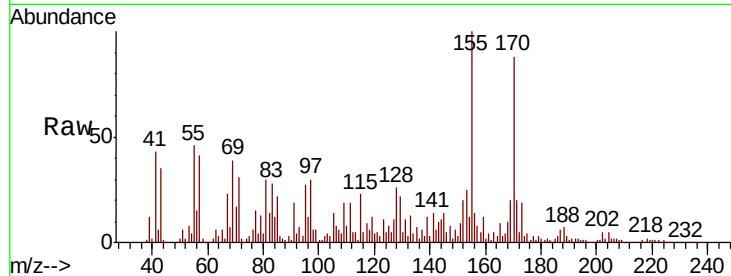




#55
Dibenzofuran
Concen: 4.303 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

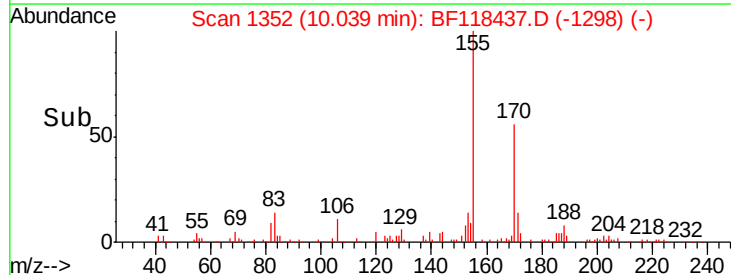
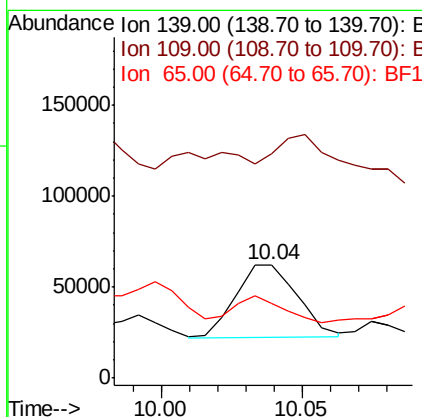
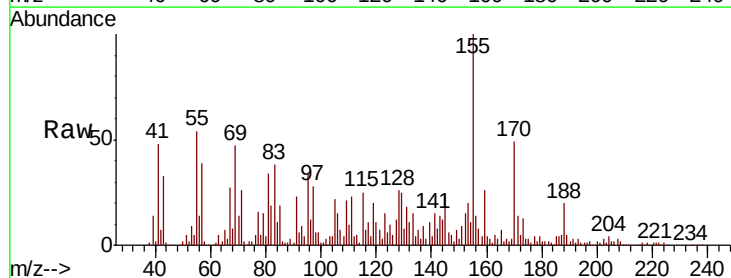
Instrument :
BNA_F
ClientSampled :

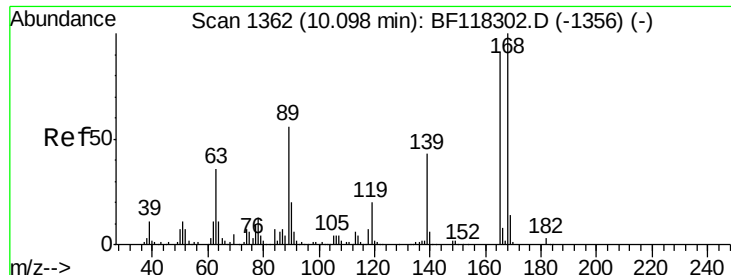
Tot Ion:168 Resp: 85088
Ion Ratio Lower Upper
168 100
139 115.9 31.5 47.3#
169 192.0 10.4 15.6#



#56
4-Nitrophenol
Concen: 21.924 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:139 Resp: 59821
Ion Ratio Lower Upper
139 100
109 198.2 59.3 99.3#
65 65.4 72.4 112.4#





#57

2,4-Dinitrotoluene

Concen: 10.935 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.04 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 55023

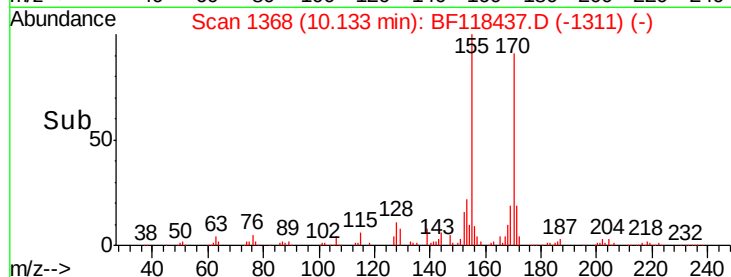
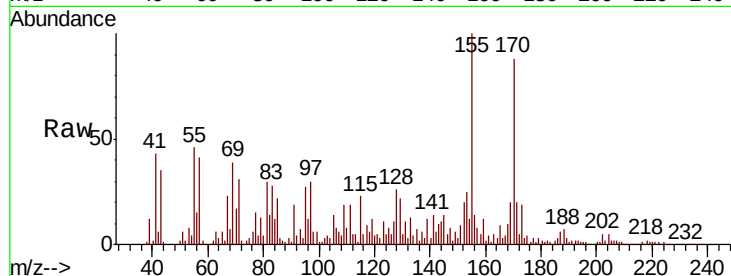
Ion Ratio Lower Upper

165 100

63 67.9 32.0 48.0#

89 36.4 49.3 73.9#

182 16.8 2.4 3.6#

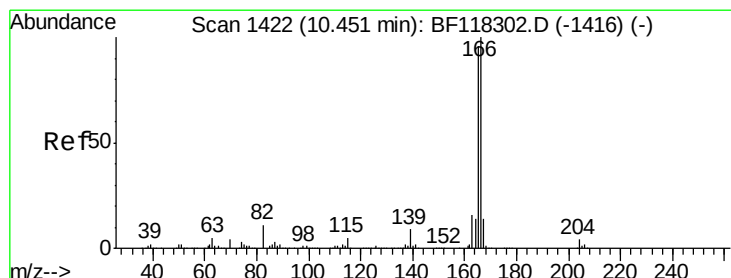
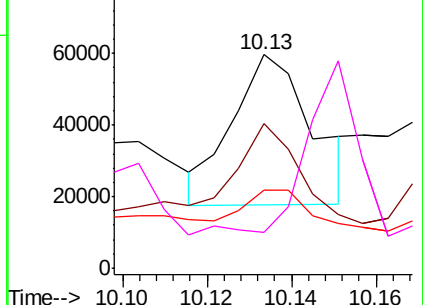


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.214 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.03 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

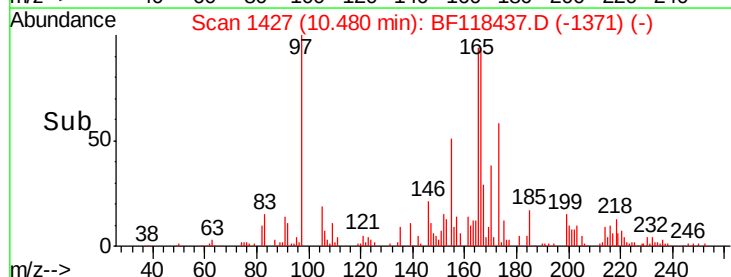
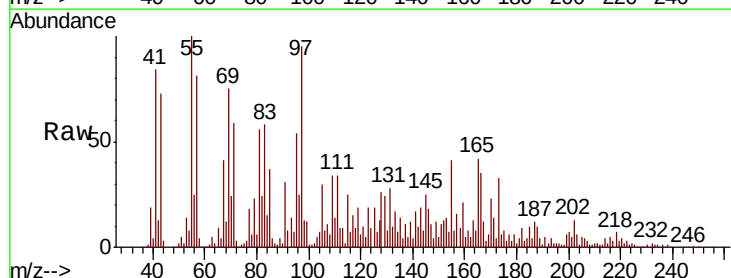
Tgt Ion:166 Resp: 163028

Ion Ratio Lower Upper

166 100

165 119.2 77.0 115.4#

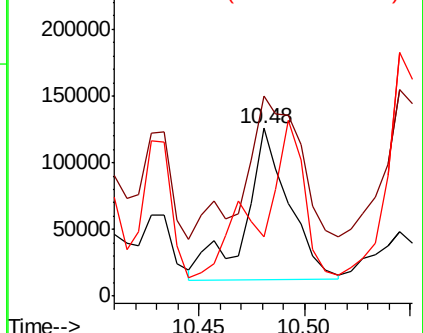
167 35.4 10.9 16.3#

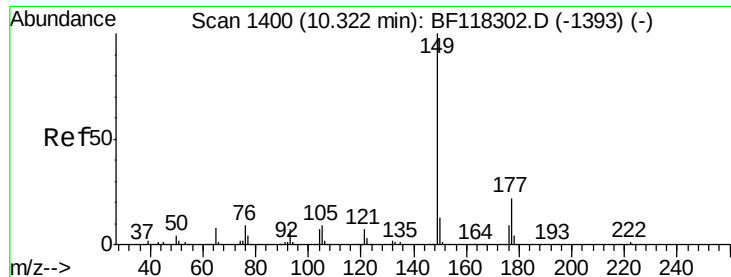


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 2.239 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.02 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampled :

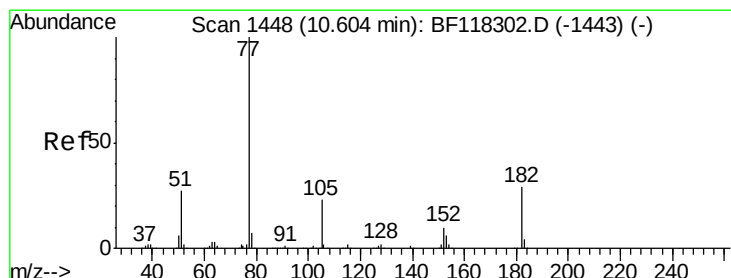
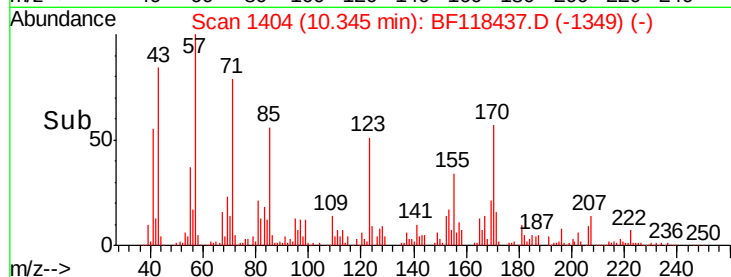
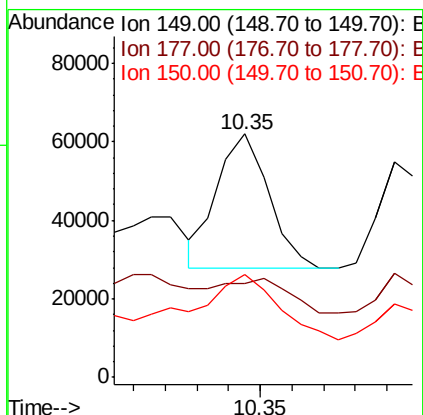
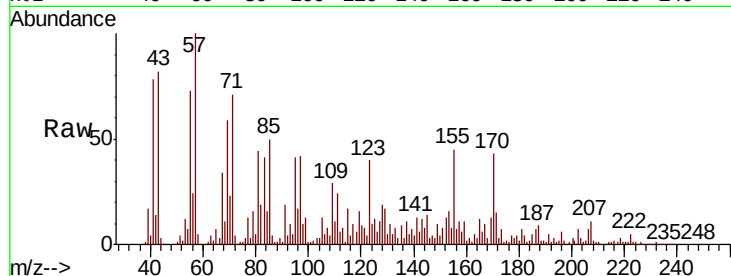
Tot Ion:149 Resp: 38689

Ion Ratio Lower Upper

149 100

177 38.6 17.9 26.9#

150 42.1 10.2 15.2#



#63

Azobenzene

Concen: 2.517 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.02 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Tgt Ion: 77 Resp: 37253

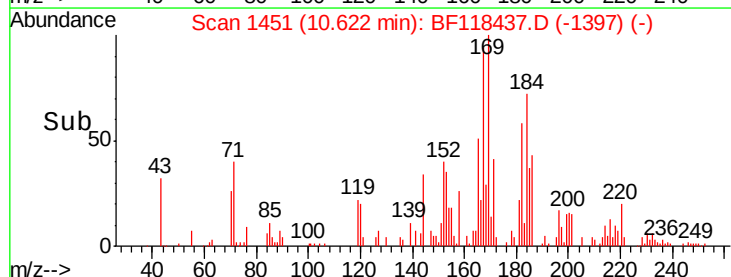
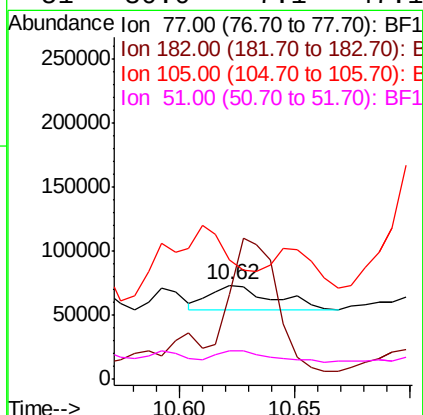
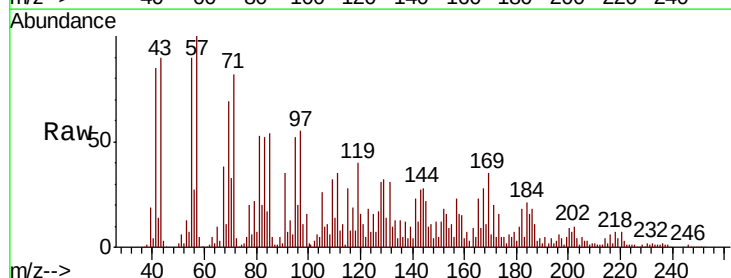
Ion Ratio Lower Upper

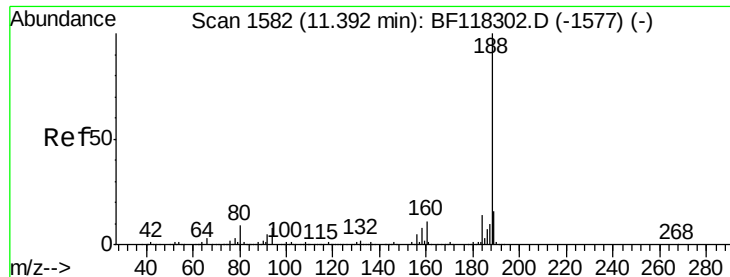
77 100

182 89.5 9.2 49.2#

105 127.5 3.2 43.2#

51 30.0 7.1 47.1

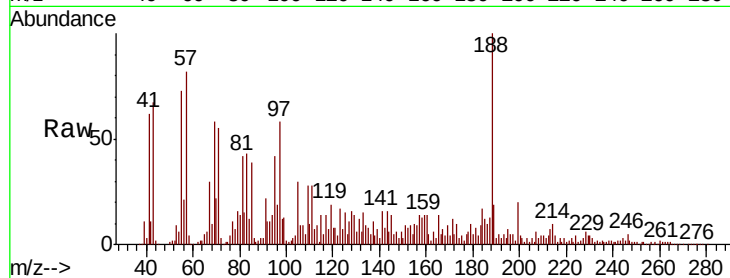




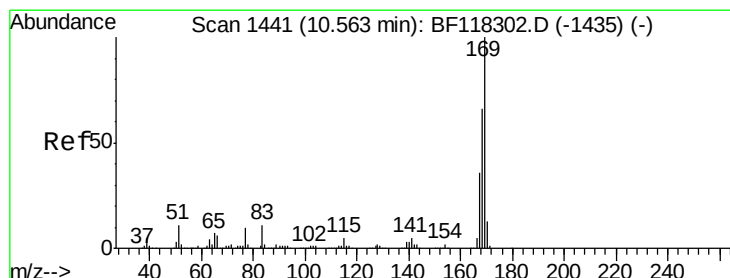
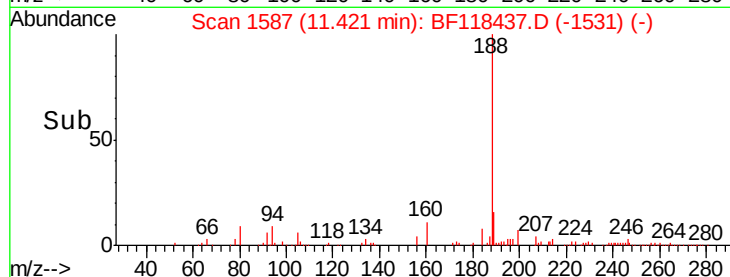
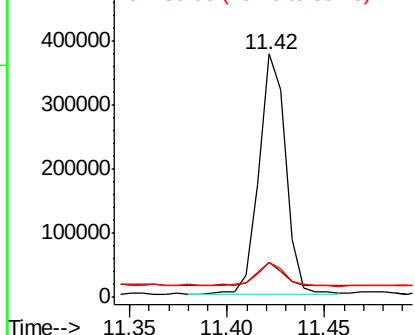
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.03 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 354053
Ion Ratio Lower Upper
188 100
94 14.3 6.7 10.1#
80 14.4 7.2 10.8#

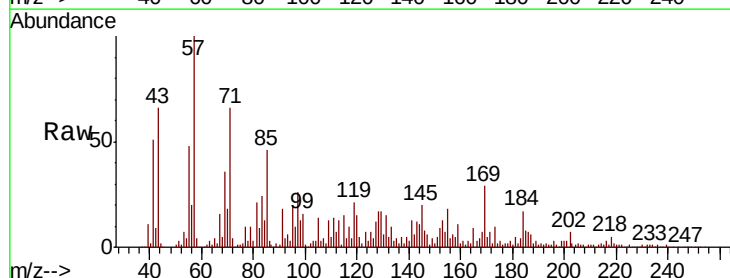


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

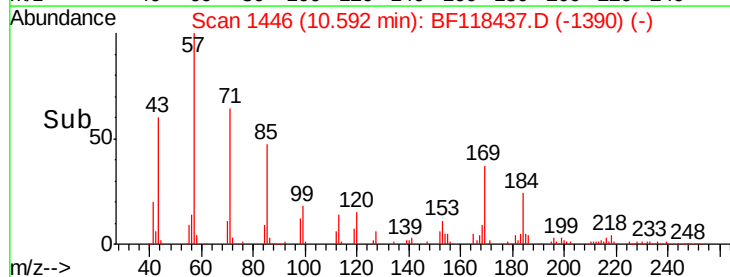
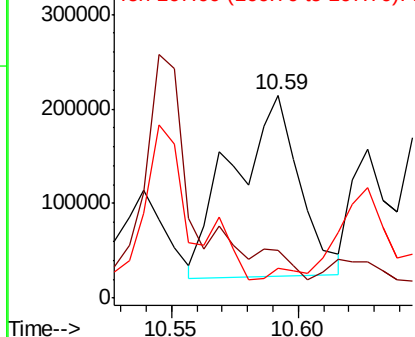


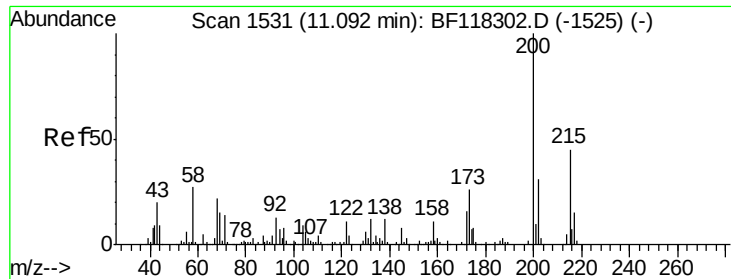
#66
n-Nitrosodiphenylamine
Concen: 30.954 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.03 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:169 Resp: 351248
Ion Ratio Lower Upper
169 100
168 23.7 52.6 79.0#
167 14.7 28.4 42.6#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

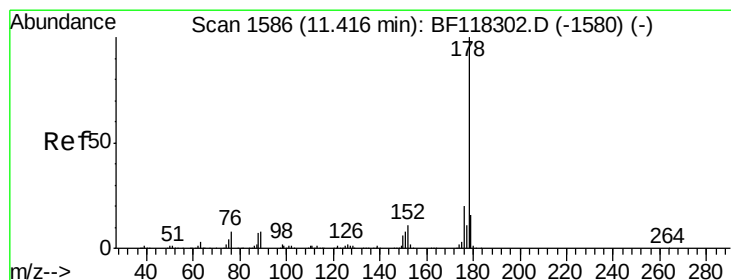
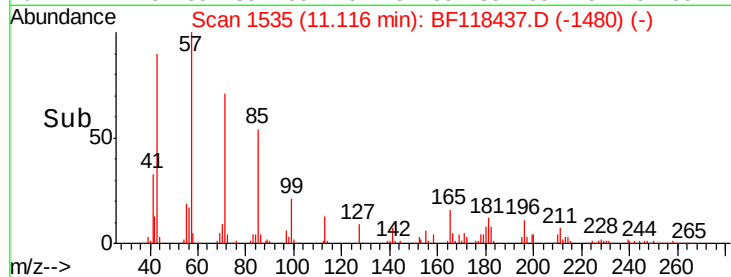
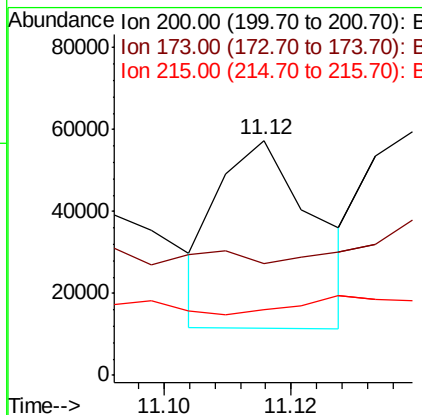
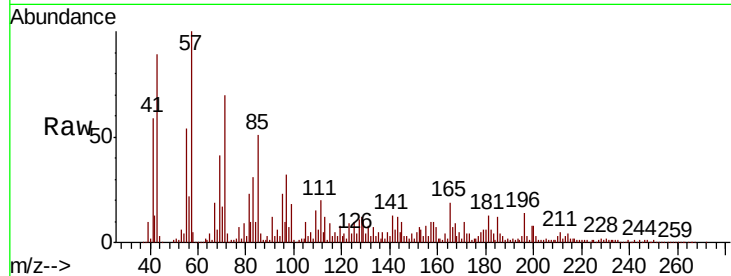




#69
Atrazine
Concen: 13.862 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.02 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

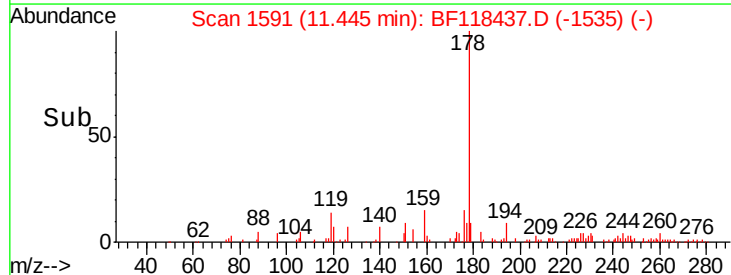
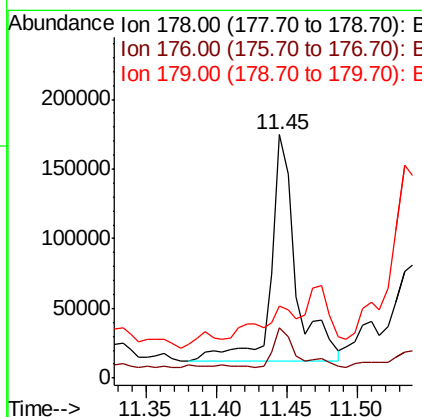
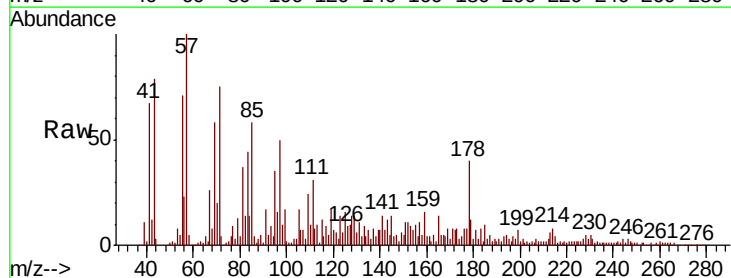
Instrument :
BNA_F
ClientSampled :

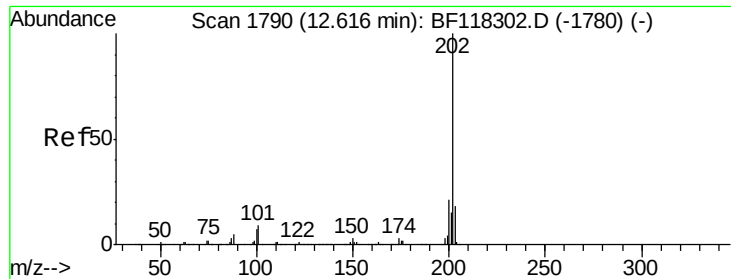
Tot Ion:200 Resp: 48548
Ion Ratio Lower Upper
200 100
173 47.7 5.8 45.8#
215 28.2 25.1 65.1



#71
Phenanthrene
Concen: 10.390 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.03 min
Lab File: BF118437.D
Acq: 2 Jan 2020 16:01

Tgt Ion:178 Resp: 200547
Ion Ratio Lower Upper
178 100
176 20.7 15.6 23.4
179 29.6 12.6 19.0#





#75

Fluoranthene

Concen: 4.536 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.25 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampleId :

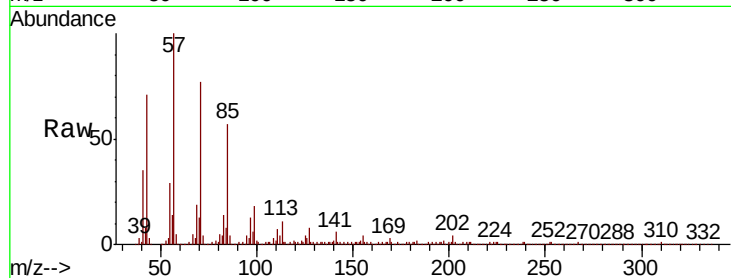
Tot Ion:202 Resp: 88352

Ion Ratio Lower Upper

202 100

101 15.5 0.0 29.5

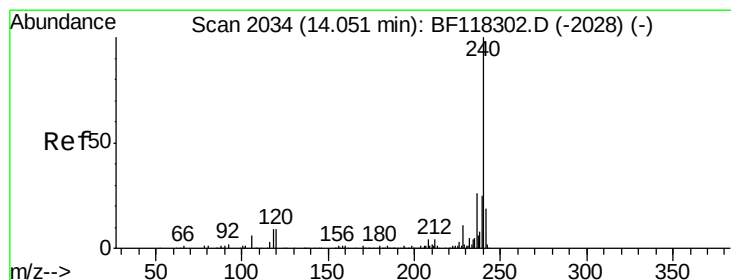
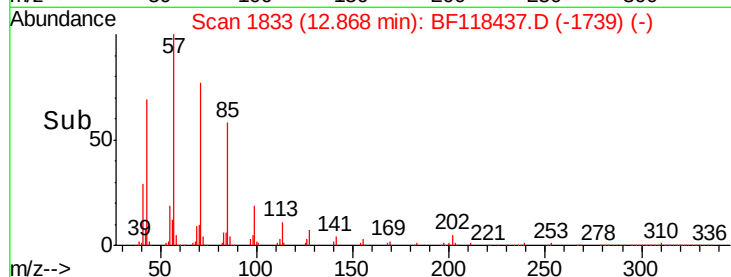
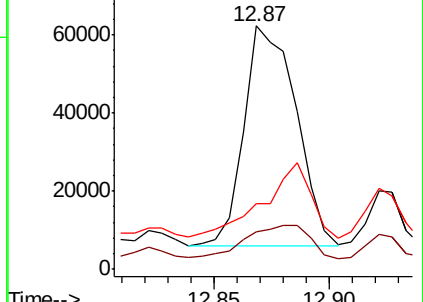
203 26.8 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

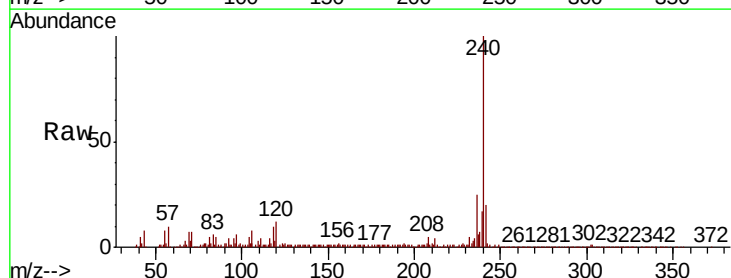
Tgt Ion:240 Resp: 310336

Ion Ratio Lower Upper

240 100

120 11.9 7.1 10.7#

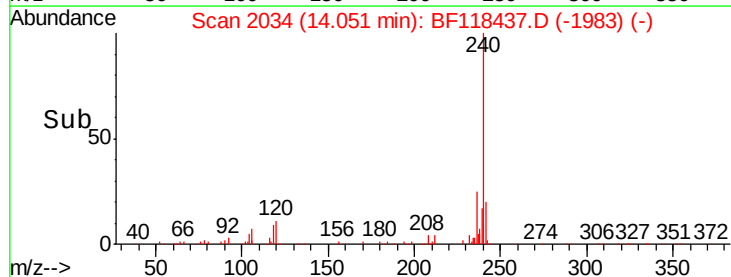
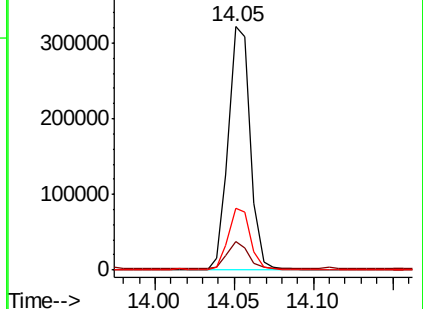
236 25.4 21.0 31.6

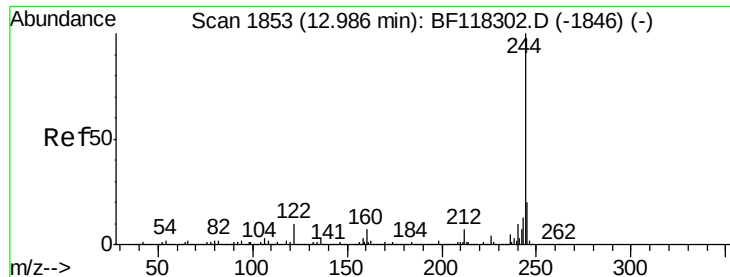


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.107 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.02 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

Instrument :

BNA_F

ClientSampleId :

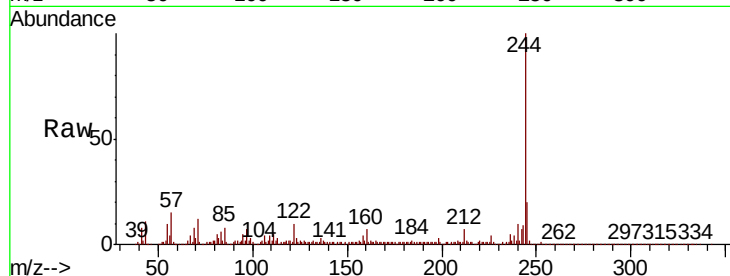
Tot Ion:244 Resp: 1049522

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

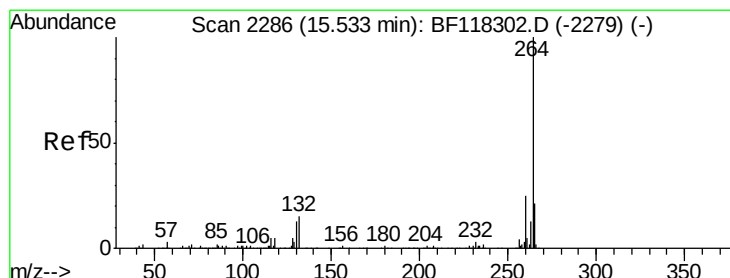
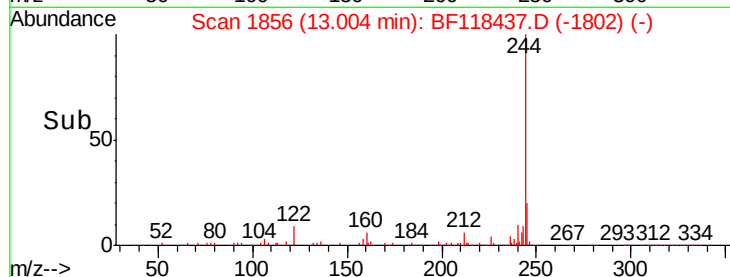
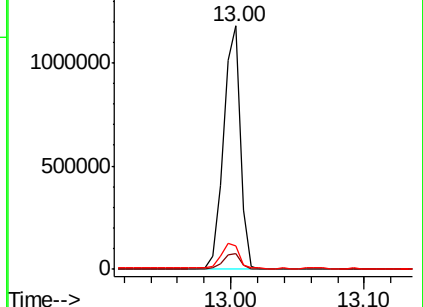
122 9.7 7.8 11.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF118437.D

Acq: 2 Jan 2020 16:01

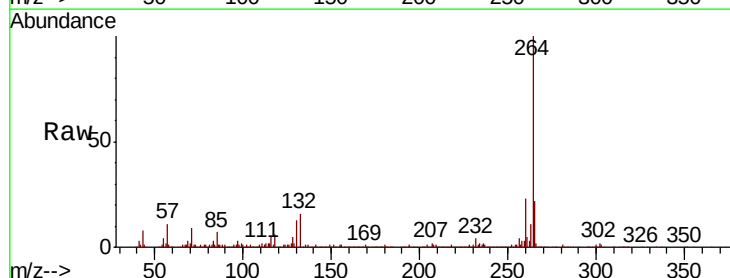
Tgt Ion:264 Resp: 336952

Ion Ratio Lower Upper

264 100

260 22.8 19.8 29.6

265 21.8 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

