

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112256.D
 Acq On : 26 Jan 2019 2:25
 Operator : JU/SJ
 Sample : K1234-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NWB

Quant Time: Jan 27 23:48:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	260423	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	1016246	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	488798	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	942593	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	544681	20.00	ng	-0.02
87) Perylene-d12	15.46	264	561470	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1665047	135.80	ng	0.00
7) Phenol-d6	6.49	99	2106578	123.65	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1357151	76.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	685440	120.48	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2650141	76.68	ng	-0.01
79) Terphenyl-d14	12.94	244	2459514	85.05	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	3.63	79	113	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.33	42	109	0.021	ng	# 1
6) Aniline	6.50	93	1651	0.081	ng	# 1
8) 2-Chlorophenol	6.63	128	514	0.031	ng	# 1
9) Benzaldehyde	6.49	77	3977	0.447	ng	# 1
10) Phenol	6.50	94	70789	3.787	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	2406	0.164	ng	# 1
15) Benzyl Alcohol	7.00	79	22468	1.564	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	7.06	45	113	0.006	ng	63
17) 2-Methylphenol	6.99	107	345	0.026	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	183568	15.626	ng	# 75
20) 3+4-Methylphenols	6.99	107	345	0.021	ng	# 1
22) Acetophenone	7.25	105	491	0.020	ng	# 50
24) Nitrobenzene	7.40	77	4175	0.237	ng	# 33
25) Isophorone	7.40	82	1331494	48.122	ng	# 64
28) bis(2-Chloroethoxy)methane	8.12	93	199	0.011	ng	# 1
31) Naphthalene	8.14	128	338	0.007	ng	# 67
38) 1-Methylnaphthalene	9.20	142	1248	0.040	ng	# 63
46) 1,1'-Biphenyl	9.30	154	5313	0.124	ng	99
48) 2-Nitroaniline	9.59	65	1823	0.202	ng	# 1
49) Acenaphthylene	9.91	152	113	0.002	ng	# 1
50) Dimethylphthalate	9.59	163	231248	6.089	ng	99
51) 2,6-Dinitrotoluene	9.59	165	2457	0.289	ng	# 15
52) Acenaphthene	9.90	154	288	0.010	ng	# 73
55) Dibenzofuran	10.09	168	432	0.010	ng	# 40
56) 4-Nitrophenol	10.09	139	127	0.026	ng	# 12
57) 2,4-Dinitrotoluene	9.87	165	62699	5.790	ng	# 31
58) Fluorene	10.67	166	28488	0.859	ng	# 89
60) Diethylphthalate	10.29	149	2001	0.053	ng	# 77
63) Azobenzene	10.56	77	126	0.004	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.67	198	1323	0.250	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	18720	0.589	ng	# 44
67) 4-Bromophenyl-phenylether	10.67	248	39510	3.564	ng	# 1
71) Phenanthrene	11.39	178	7064	0.144	ng	95

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 ALS Vial : 20 Sample Multiplier: 1

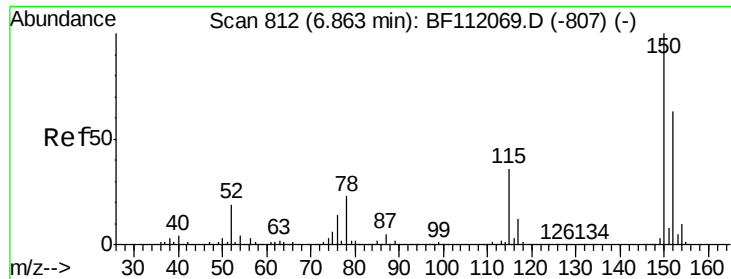
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jan 27 23:48:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Anthracene	11.44	178	1020	0.021	ng	# 57
73) Carbazole	11.60	167	1680	0.035	ng	# 67
74) Di-n-butylphthalate	11.92	149	6259	0.105	ng	# 93
75) Fluoranthene	12.57	202	10237	0.195	ng	99
77) Benzidine	12.83	184	1548	0.103	ng	# 1
78) Pyrene	12.80	202	9547	0.253	ng	96
80) Butylbenzylphthalate	13.41	149	1075	0.059	ng	# 38
81) Benzo(a)anthracene	13.99	228	6798	0.212	ng	95
82) 3,3'-Dichlorobenzidine	13.83	252	256	0.021	ng	# 1
83) Chrysene	14.03	228	6009	0.197	ng	93
84) Bis(2-ethylhexyl)phthalate	13.97	149	39977	1.544	ng	97
85) Di-n-octyl phthalate	14.59	149	2392	0.060	ng	# 62
86) Indeno(1,2,3-cd)pyrene	16.94	276	2127	0.088	ng	# 89
88) Benzo(b)fluoranthene	15.04	252	8998	0.268	ng	# 94
89) Benzo(k)fluoranthene	15.04	252	8998	0.280	ng	# 95
90) Benzo(a)pyrene	15.40	252	3170	0.105	ng	# 85
91) Dibenzo(a,h)anthracene	16.94	278	408	0.017	ng	# 1
92) Benzo(g,h,i)perylene	17.39	276	2052	0.089	ng	# 60

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

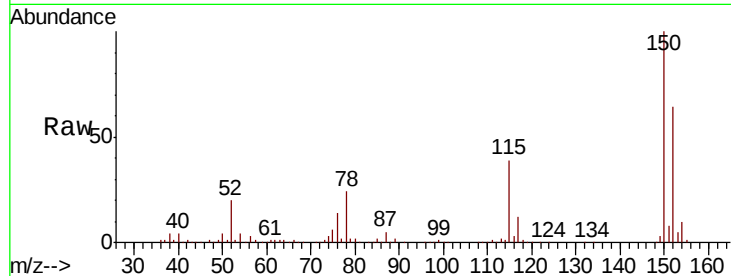
Tgt Ion:152 Resp: 260423

Ion Ratio Lower Upper

152 100

150 156.2 127.4 191.0

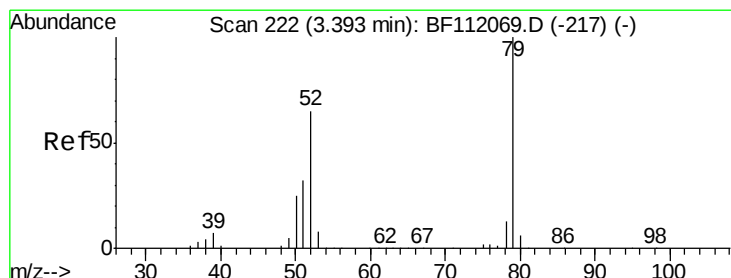
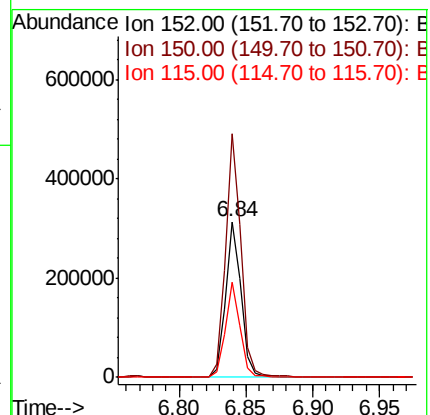
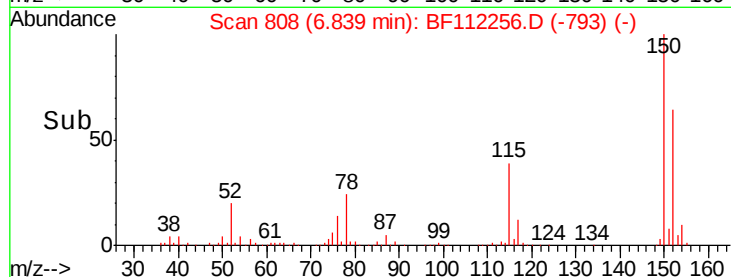
115 60.7 45.5 68.3



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



#3

Pyridine

Concen: 0.009 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.26 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

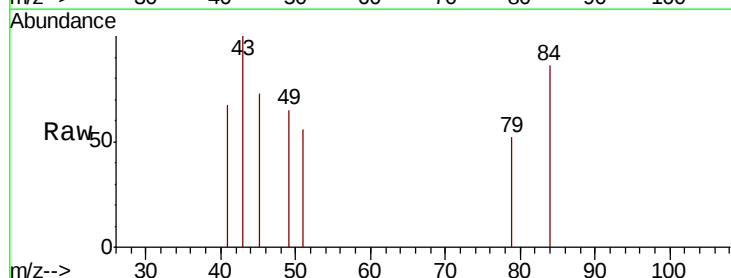
Tgt Ion: 79 Resp: 113

Ion Ratio Lower Upper

79 100

52 0.0 52.4 78.6#

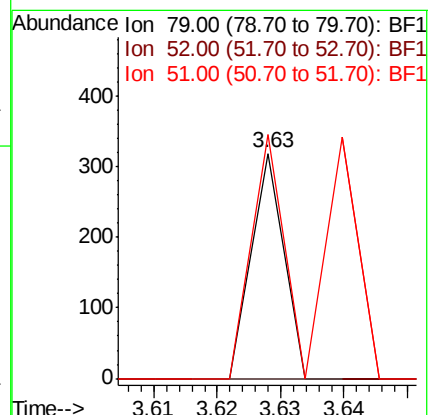
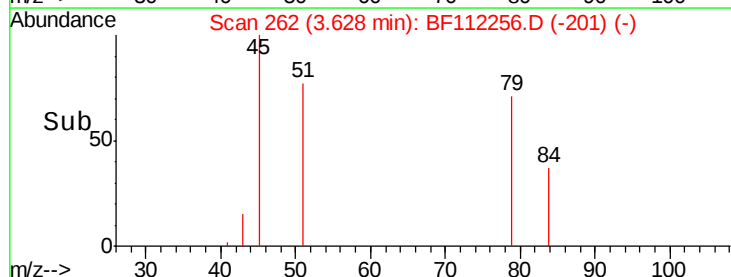
51 108.5 26.1 39.1#

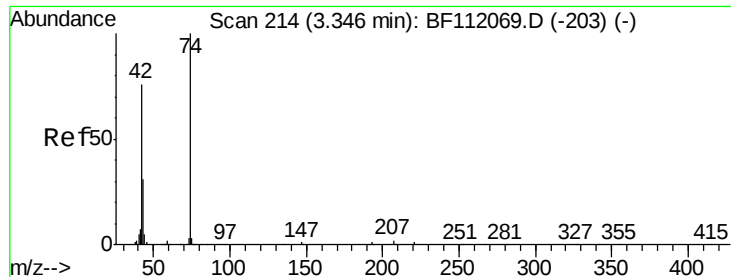


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



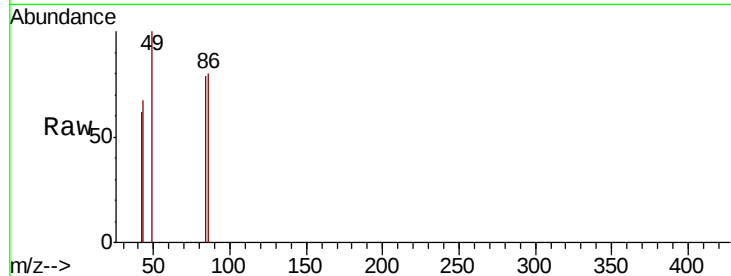


#4

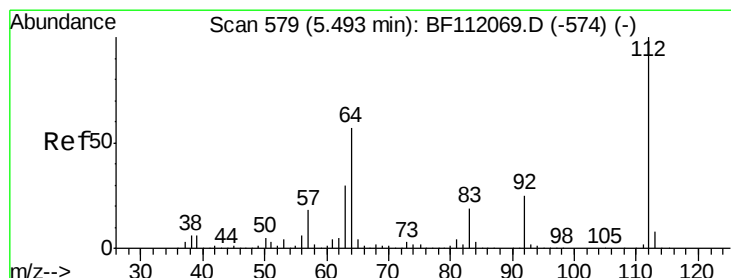
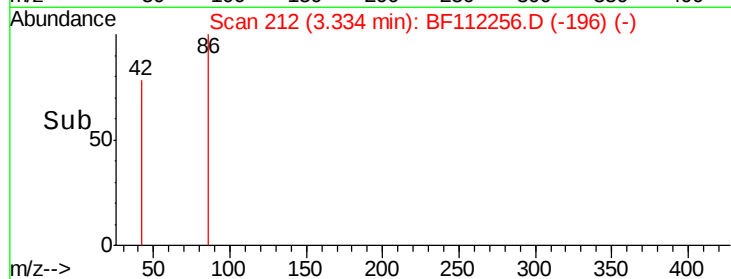
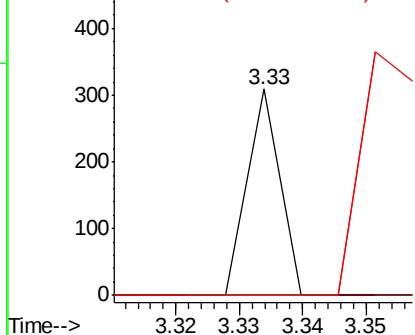
n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.33 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Instrument :
 BNA_F
 ClientSampleId :
 NWB

Tgt Ion: 42 Resp: 109
 Ion Ratio Lower Upper
 42 100
 74 0.0 105.6 158.4#
 44 0.0 5.4 8.2#



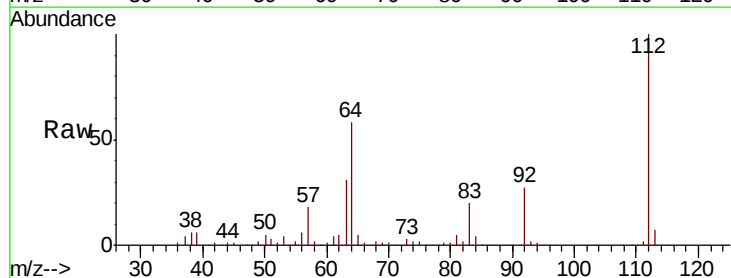
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



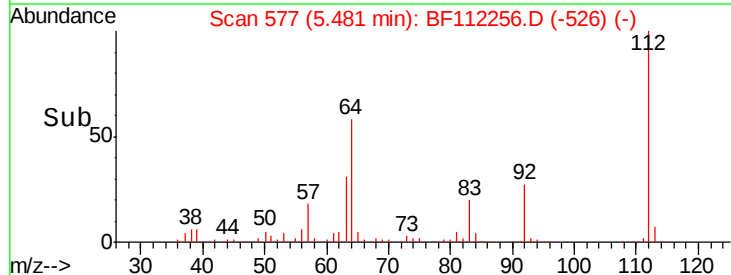
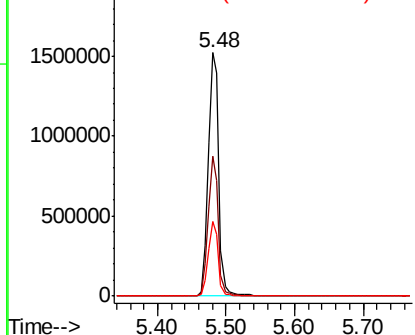
#5

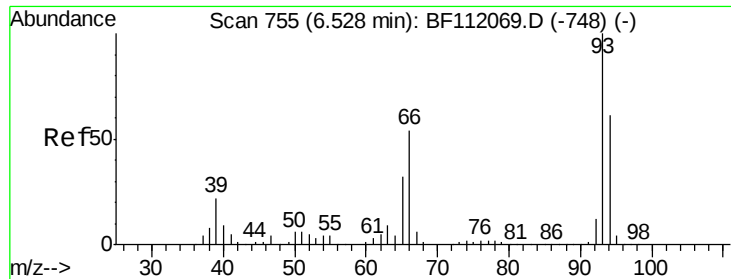
2-Fluorophenol
 Concen: 135.805 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Tgt Ion: 112 Resp: 1665047
 Ion Ratio Lower Upper
 112 100
 64 57.7 45.7 68.5
 63 30.8 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





#6

Aniline

Concen: 0.081 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

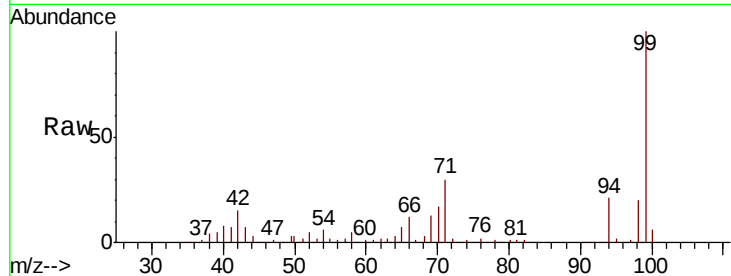
Tgt Ion: 93 Resp: 1651

Ion Ratio Lower Upper

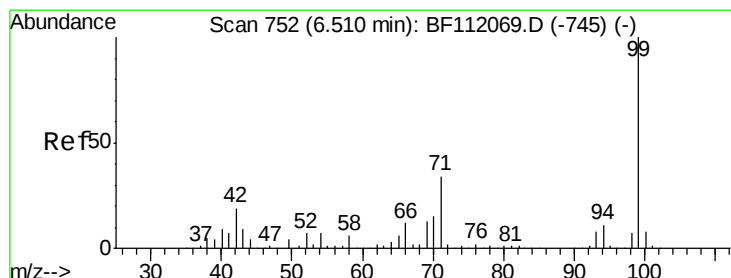
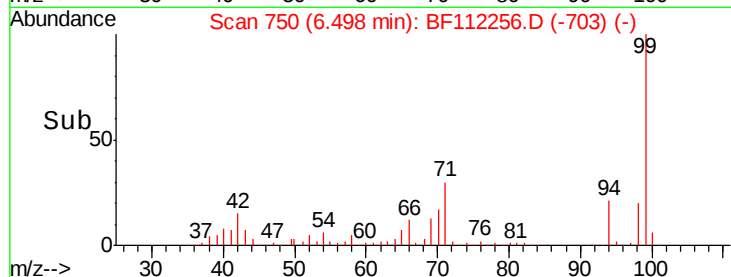
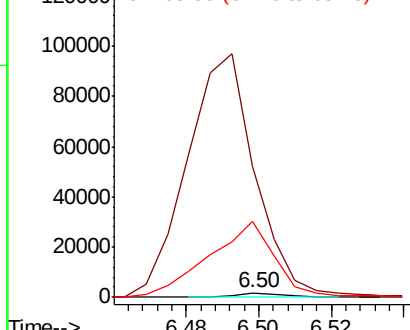
93 100

66 2690.8 43.4 65.2#

65 1561.9 25.3 37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 123.649 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

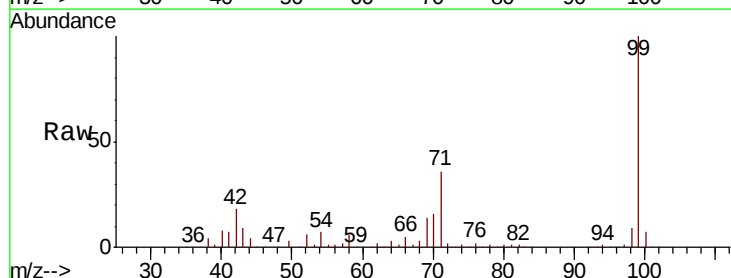
Tgt Ion: 99 Resp: 2106578

Ion Ratio Lower Upper

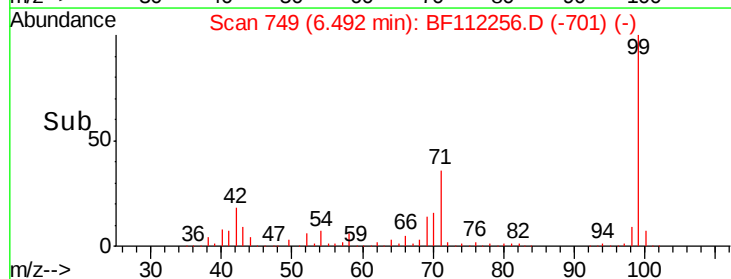
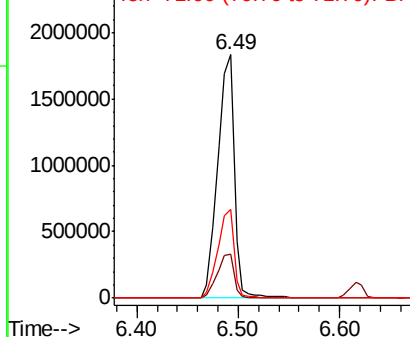
99 100

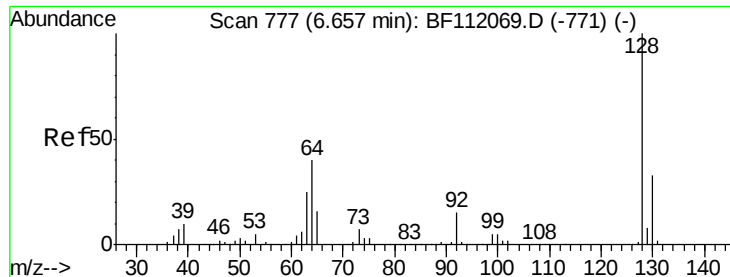
42 18.3 15.1 22.7

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

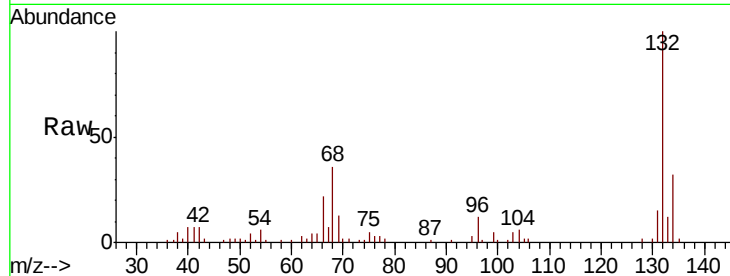




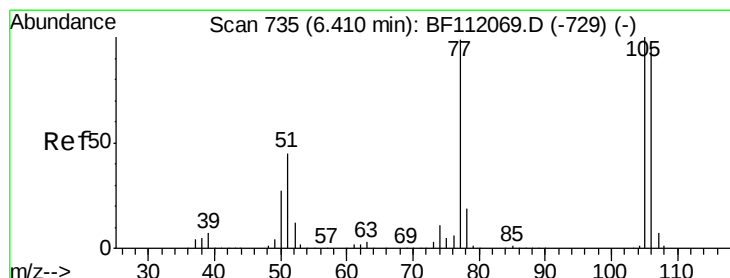
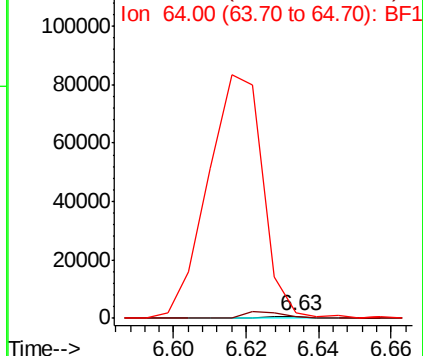
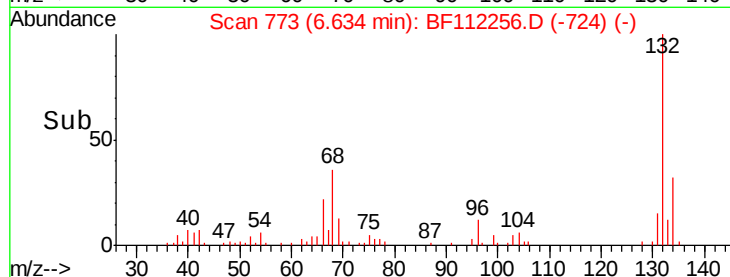
#8
2-Chlorophenol
Concen: 0.031 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Instrument :
BNA_F
ClientSampled :
NWB

Tgt Ion: 128 Resp: 514
Ion Ratio Lower Upper
128 100
130 92.5 13.4 53.4#
64 256.8 20.5 60.5#

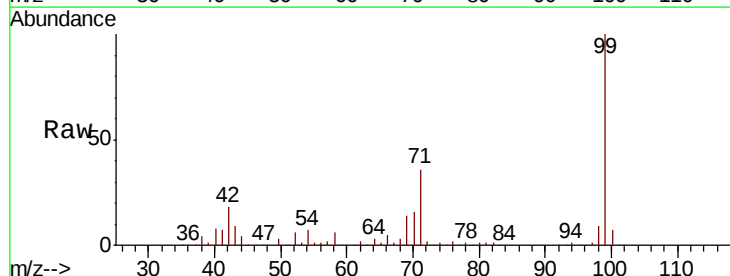


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

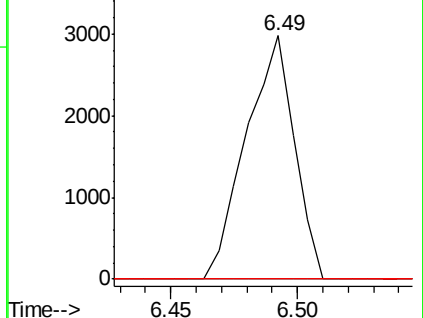
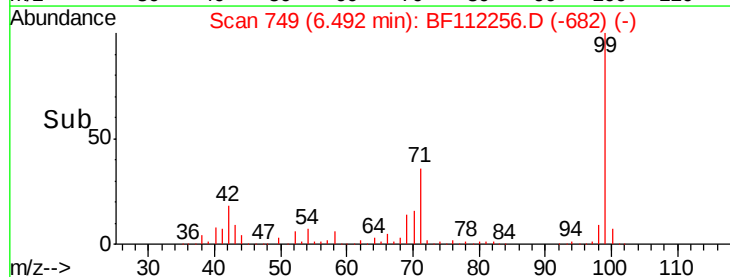


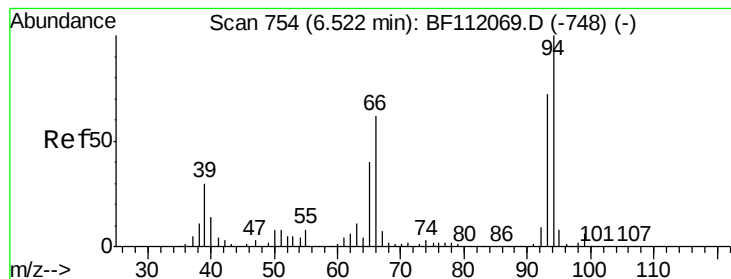
#9
Benzaldehyde
Concen: 0.447 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.09 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion: 77 Resp: 3977
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: 3.787 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112256.D

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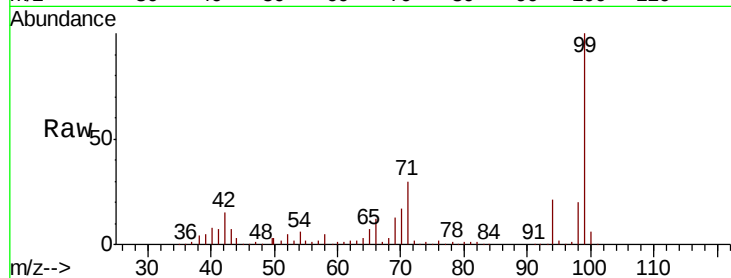
Tgt Ion: 94 Resp: 70789

Ion Ratio Lower Upper

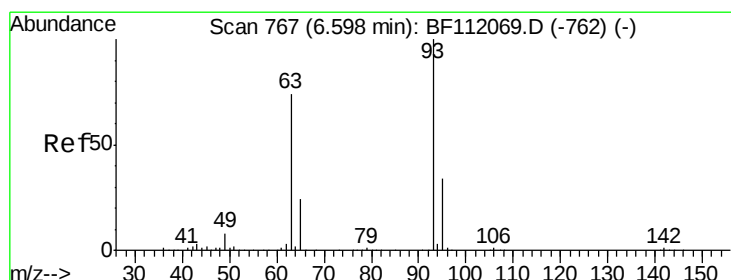
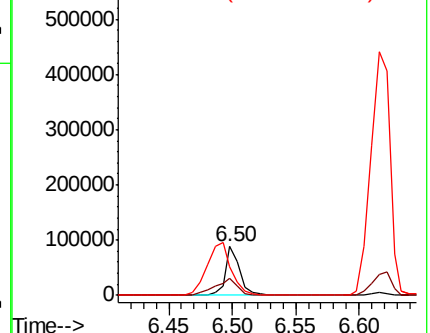
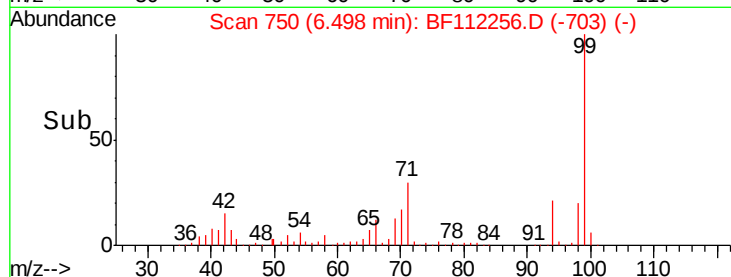
94 100

65 34.3 20.3 60.3

66 59.0 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



#11

bis(2-Chloroethyl)ether

Concen: 0.164 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

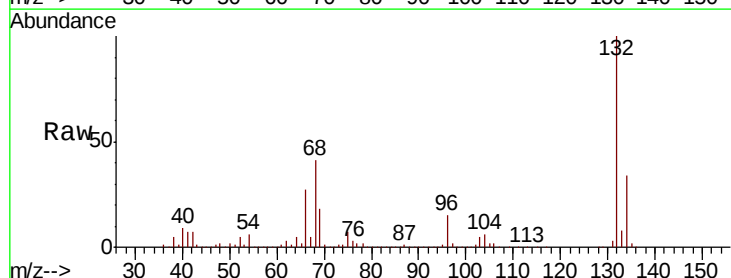
Tgt Ion: 93 Resp: 2406

Ion Ratio Lower Upper

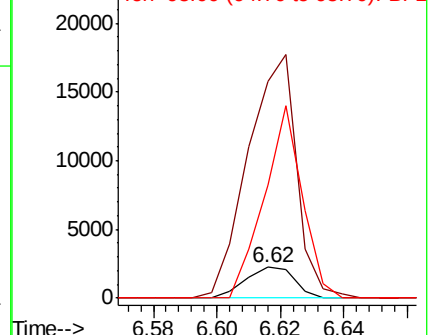
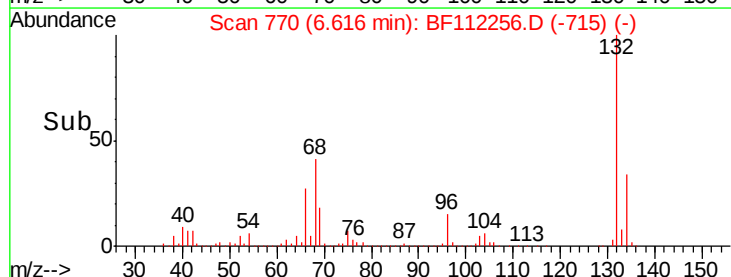
93 100

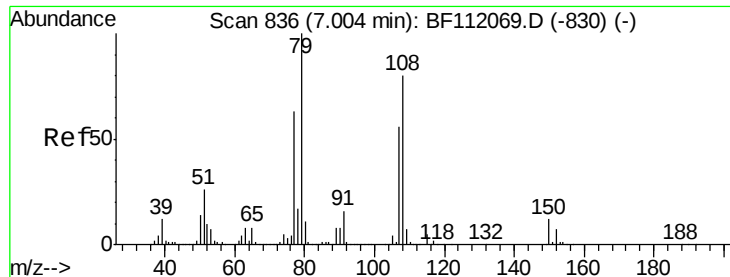
63 706.0 53.3 93.3#

95 366.9 13.4 53.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.564 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

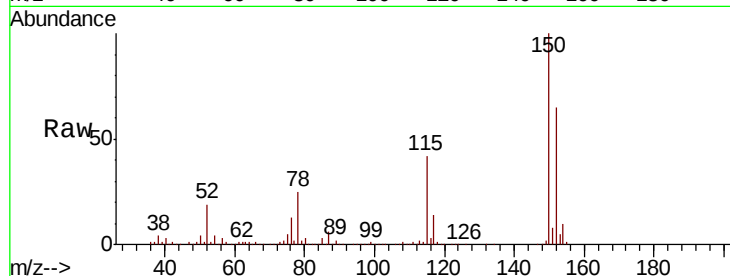
Tgt Ion: 79 Resp: 22468

Ion Ratio Lower Upper

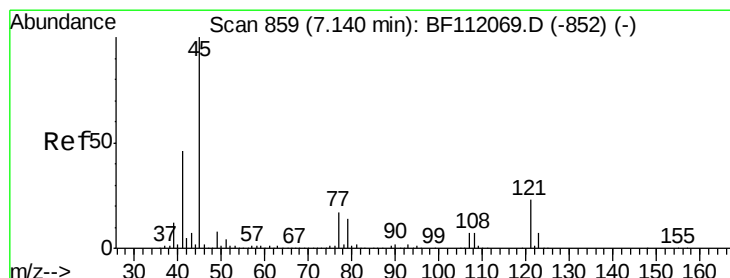
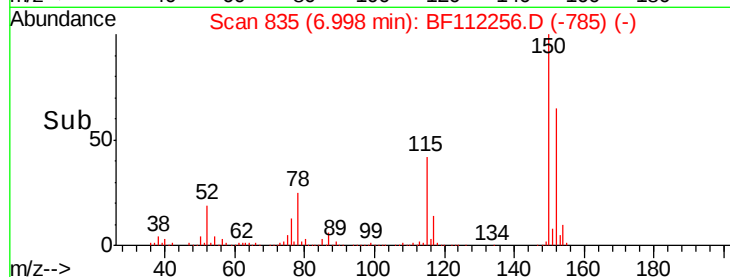
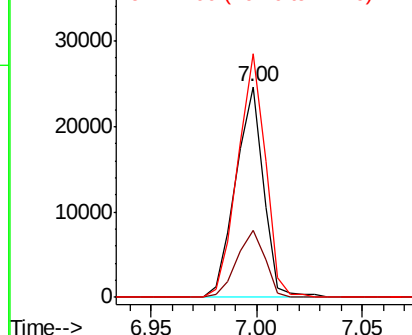
79 100

108 31.8 64.2 96.2#

77 115.6 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.07 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

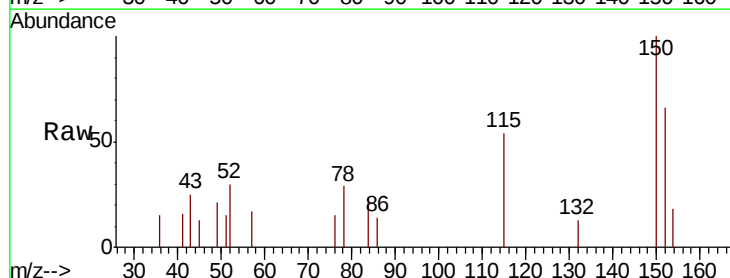
Tgt Ion: 45 Resp: 113

Ion Ratio Lower Upper

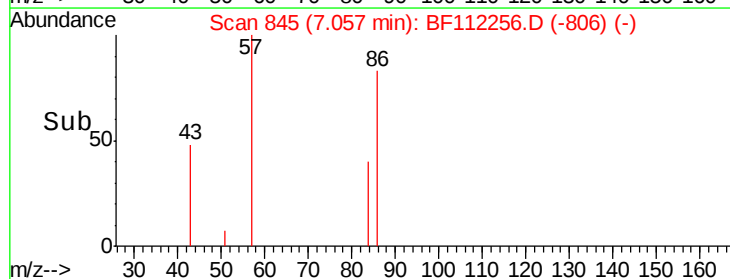
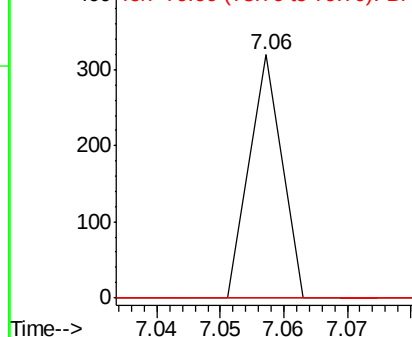
45 100

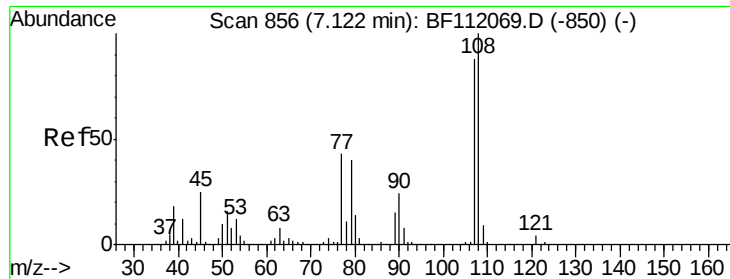
77 0.0 0.0 36.9

79 0.0 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

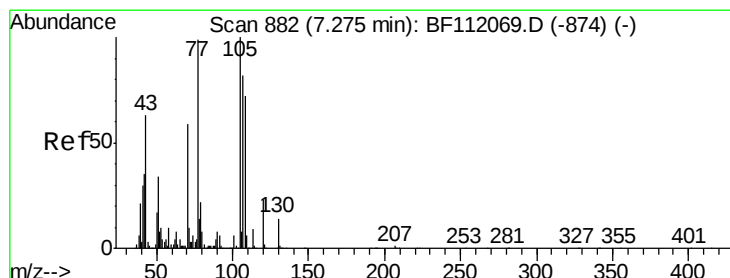
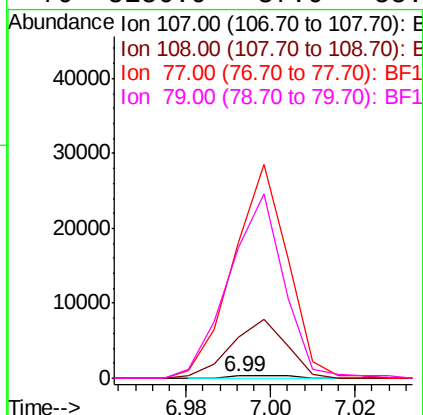
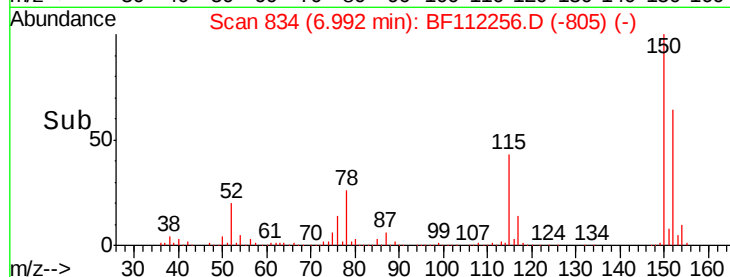
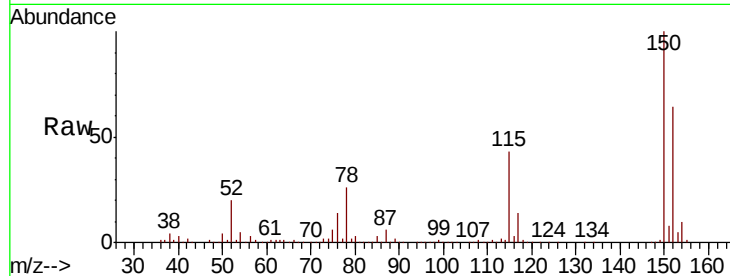




#17
2-Methylphenol
Concen: 0.026 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.13 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

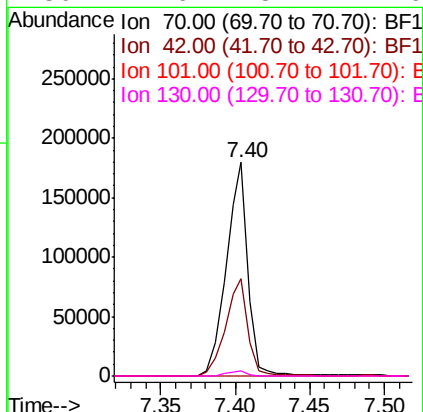
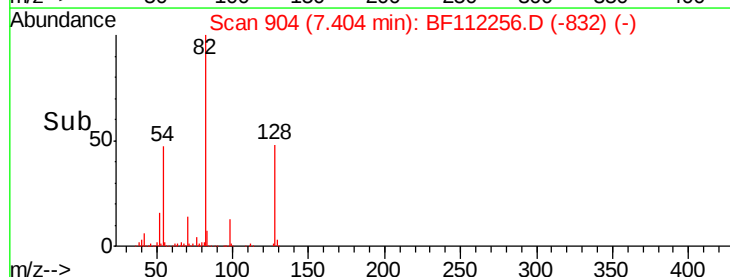
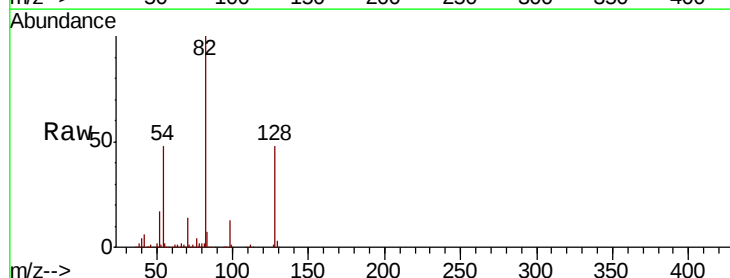
Instrument :
BNA_F
ClientSampleId :
NWB

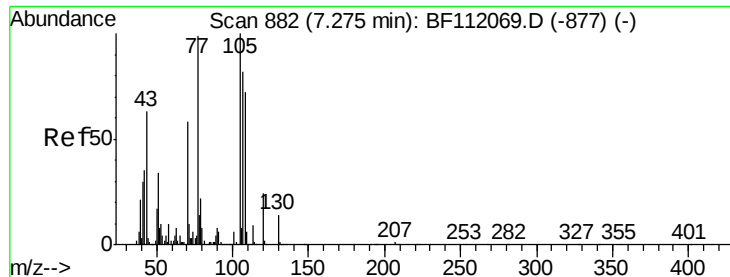
Tgt Ion: 107 Resp: 345
Ion Ratio Lower Upper
107 100
108 1632.6 91.3 136.9#
77 5386.4 39.0 58.6#
79 5186.9 37.0 55.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.626 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.12 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion: 70 Resp: 183568
Ion Ratio Lower Upper
70 100
42 45.7 47.6 71.4#
101 0.0 7.9 11.9#
130 2.6 18.4 27.6#

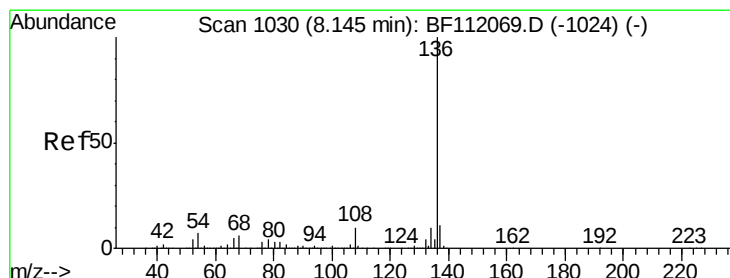
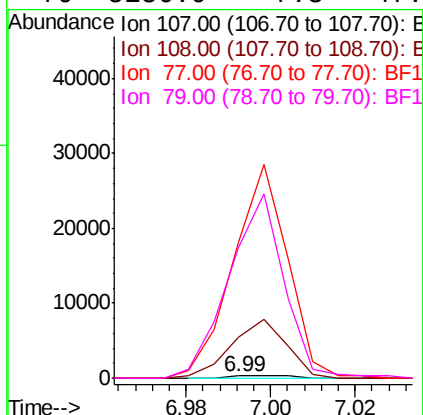
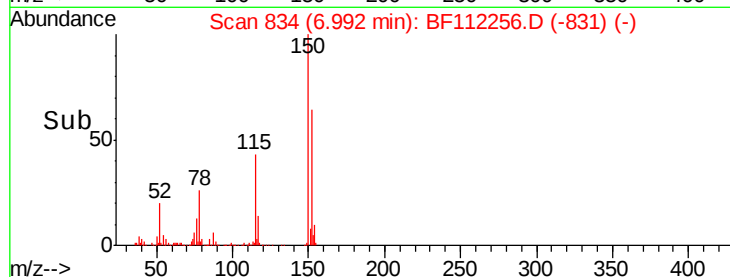
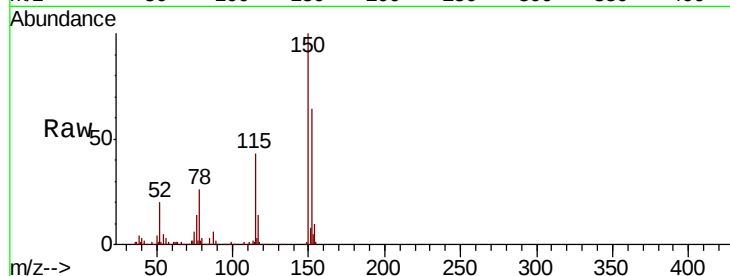




#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.28 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

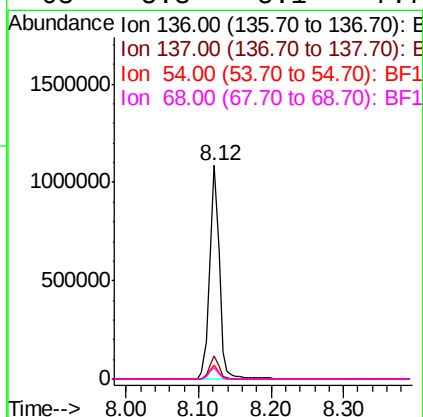
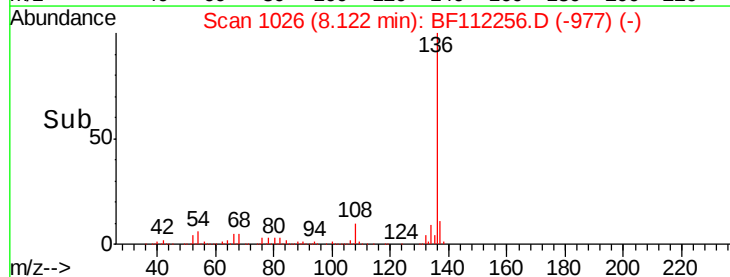
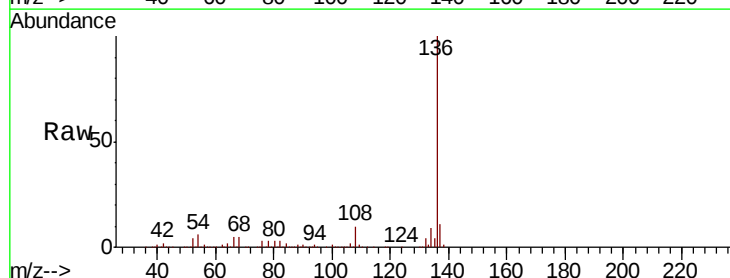
Instrument :
BNA_F
ClientSampleId :
NWB

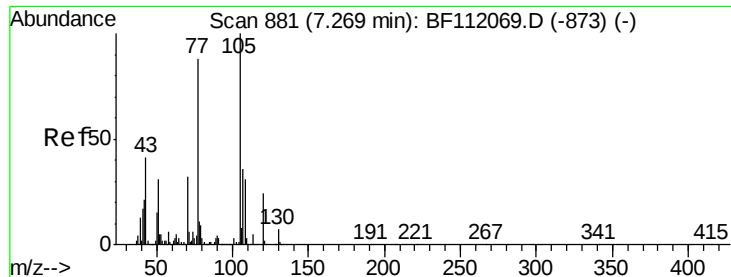
Tgt Ion:107 Resp: 345
Ion Ratio Lower Upper
107 100
108 1632.6 68.2 108.2#
77 5386.4 100.7 140.7#
79 5186.9 7.3 47.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion:136 Resp: 1016246
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.4 5.9 8.9
68 5.3 5.1 7.7

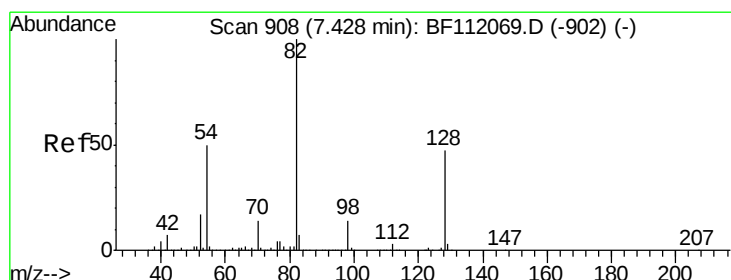
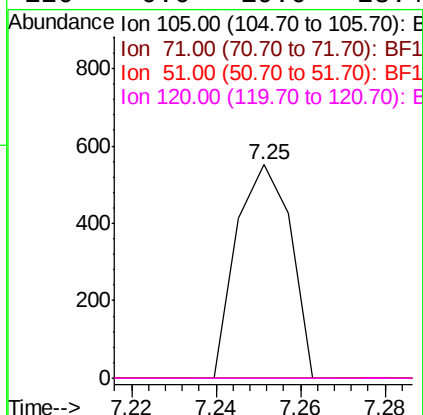
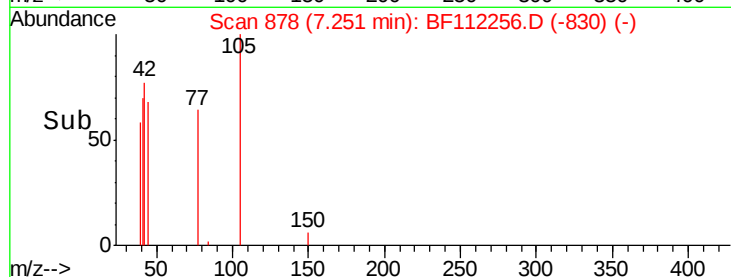
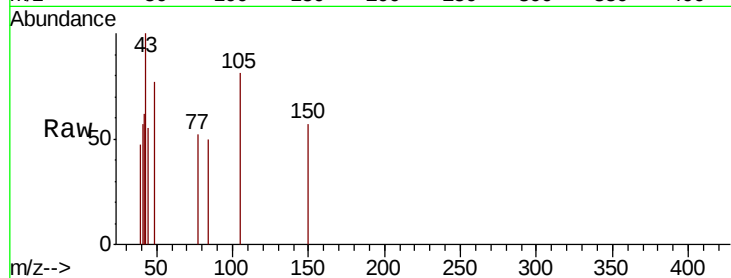




#22
Acetophenone
Concen: 0.020 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

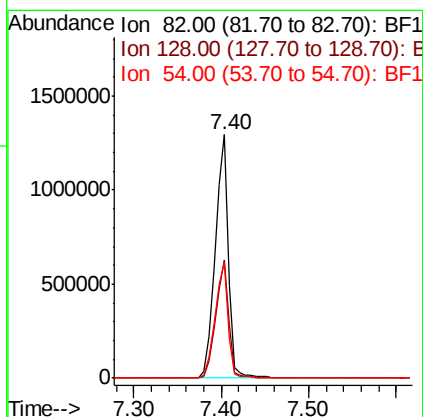
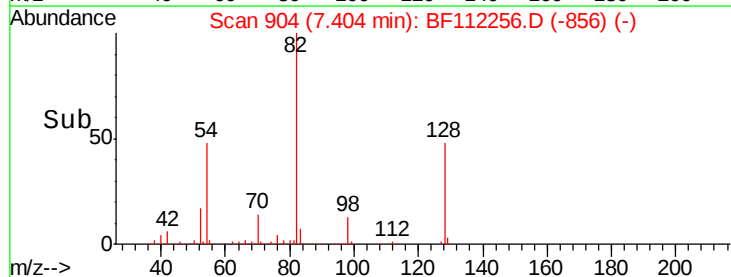
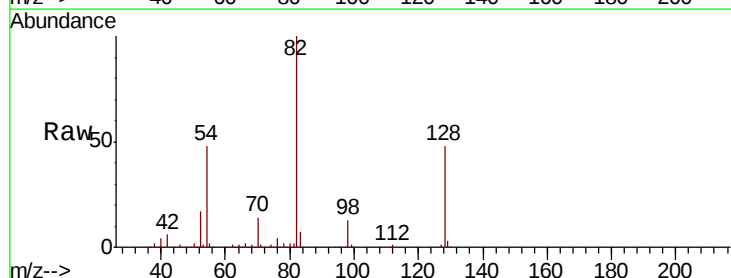
Instrument :
BNA_F
ClientSampleId :
NWB

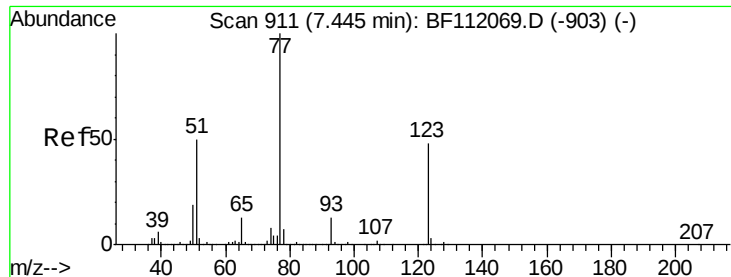
Tgt Ion: 105 Resp: 491
Ion Ratio Lower Upper
105 100
71 0.0 4.6 6.8#
51 0.0 25.0 37.6#
120 0.0 19.0 28.4#



#23
Nitrobenzene-d5
Concen: 76.949 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion: 82 Resp: 1357151
Ion Ratio Lower Upper
82 100
128 48.3 37.8 56.8
54 47.5 39.7 59.5

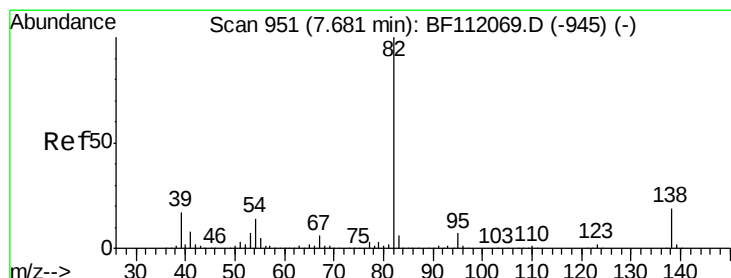
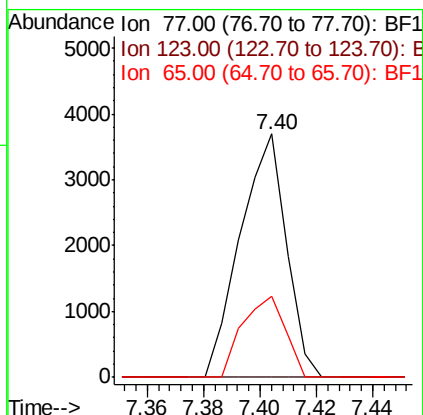
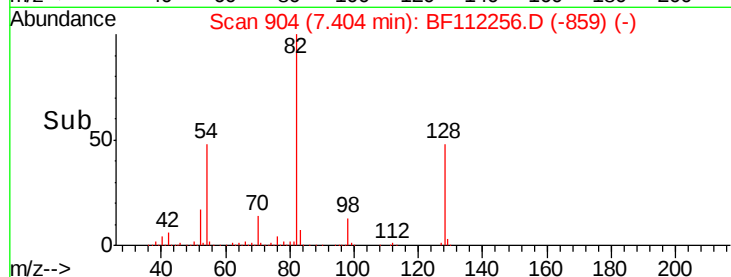
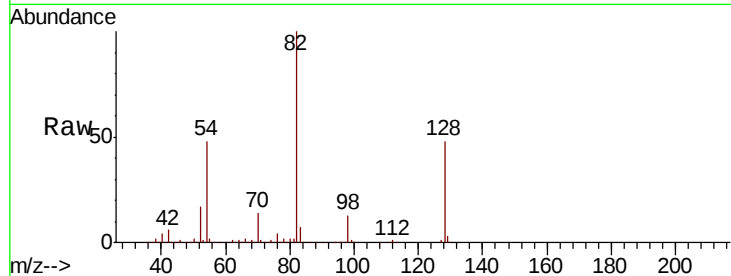




#24
Nitrobenzene
Concen: 0.237 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

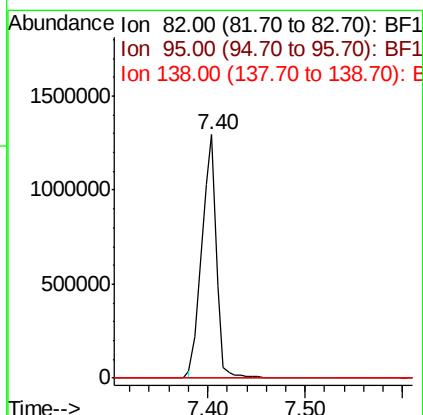
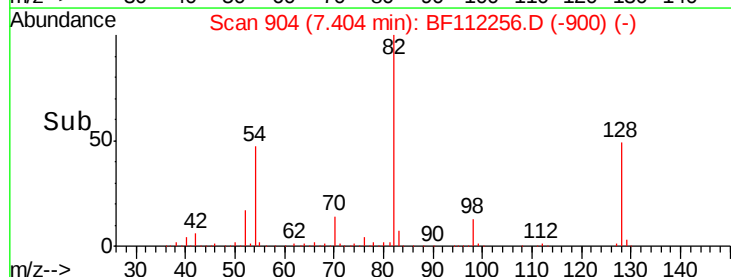
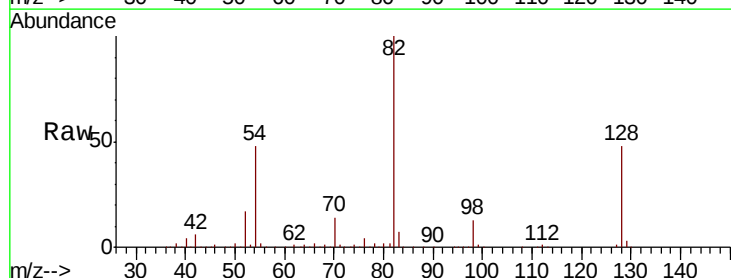
Instrument :
BNA_F
ClientSampled :
NWB

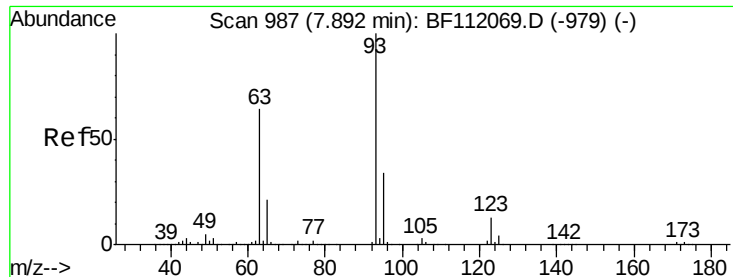
Tgt Ion: 77 Resp: 4175
Ion Ratio Lower Upper
77 100
123 0.0 38.4 57.6#
65 33.1 10.6 15.8#



#25
Isophorone
Concen: 48.122 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion: 82 Resp: 1331494
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

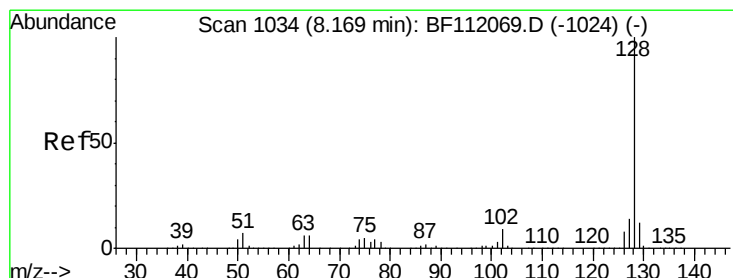
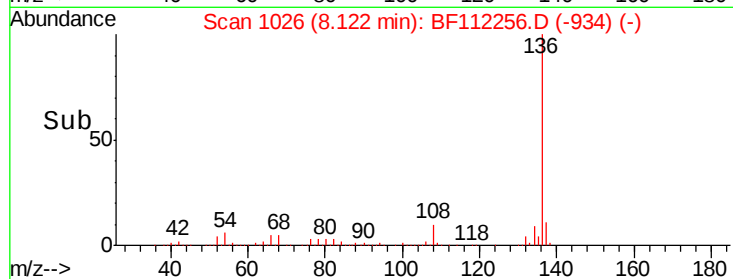
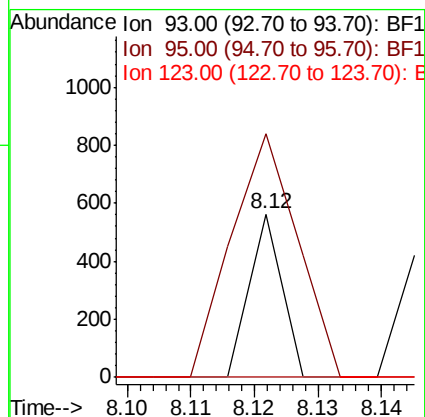
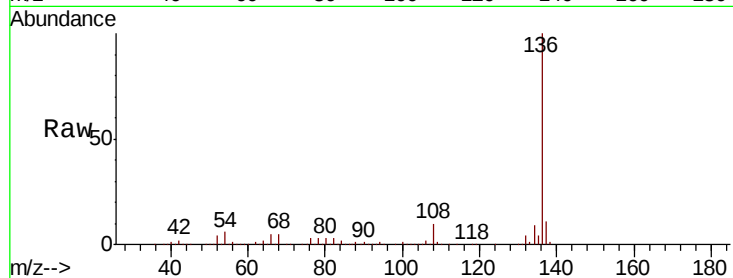




#28
bis(2-Chloroethoxy)methane
Concen: 0.011 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.24 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

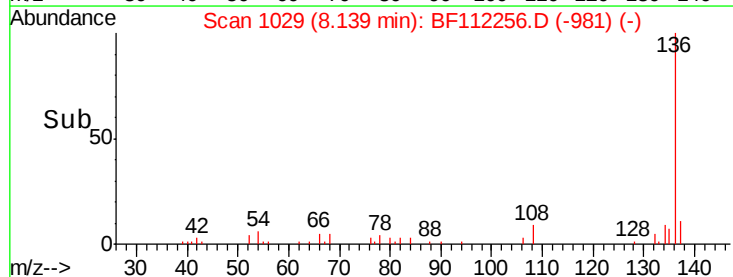
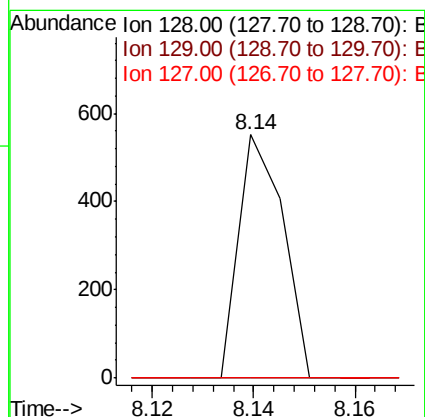
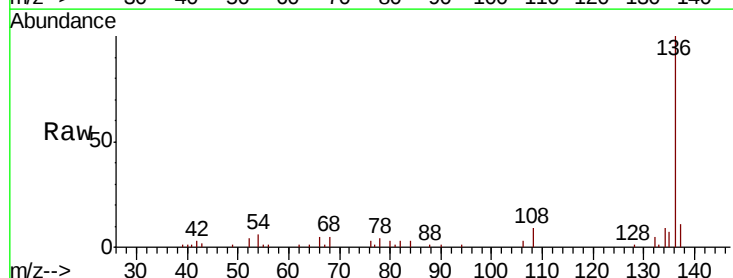
Instrument :
BNA_F
ClientSampleId :
NWB

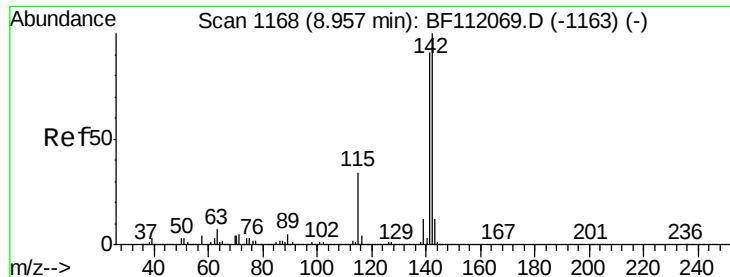
Tgt Ion: 93 Resp: 199
Ion Ratio Lower Upper
93 100
95 149.0 26.8 40.2#
123 0.0 10.2 15.2#



#31
Naphthalene
Concen: 0.007 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion: 128 Resp: 338
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 11.1 16.7#

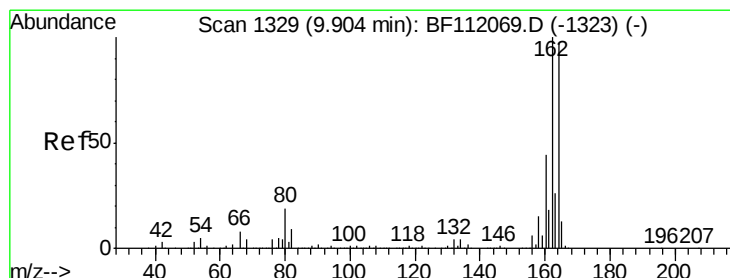
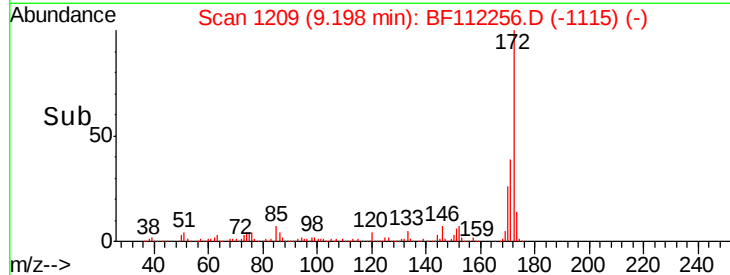
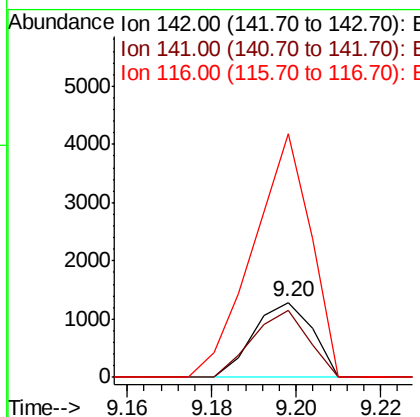
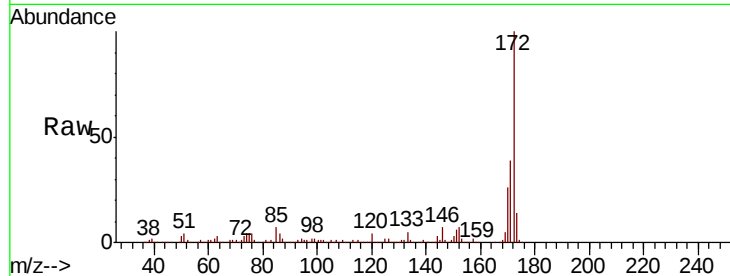




#38
 1-Methylnaphthalene
 Concen: 0.040 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.25 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

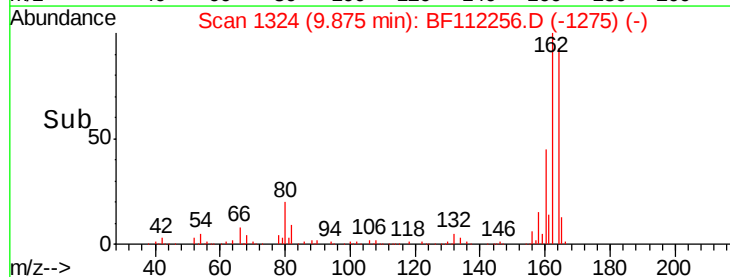
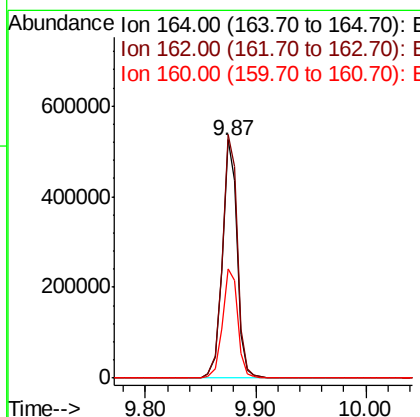
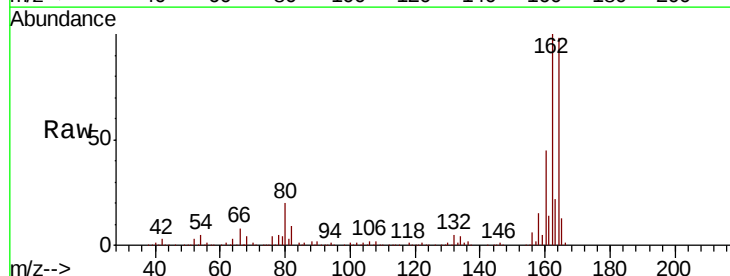
Instrument :
 BNA_F
 ClientSampled :
 NWB

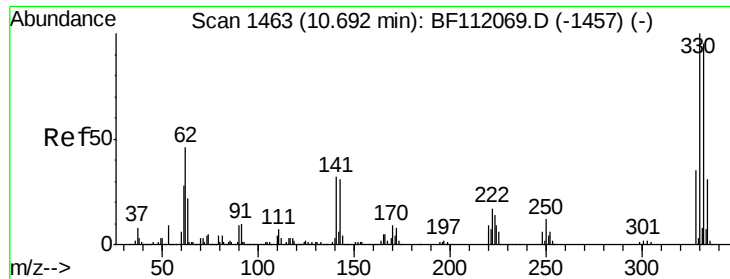
Tgt Ion:142 Resp: 1248
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.6 108.8
 116 325.6 2.8 4.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Tgt Ion:164 Resp: 488798
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.2 123.4
 160 45.7 36.2 54.4

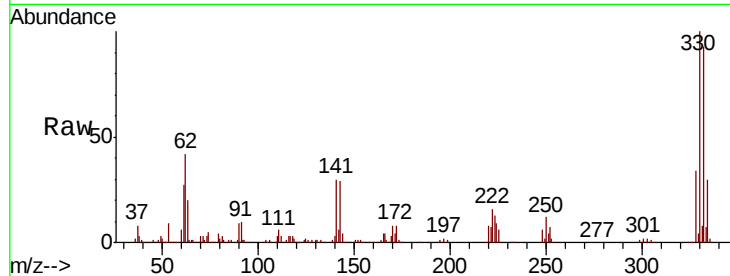




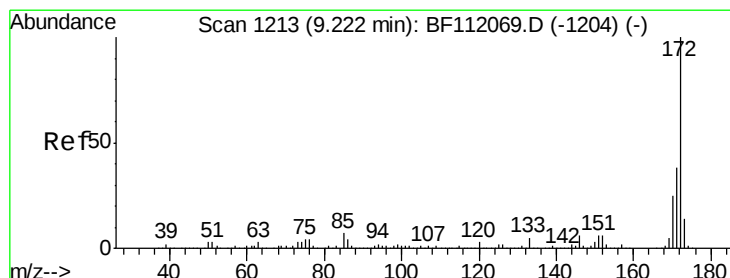
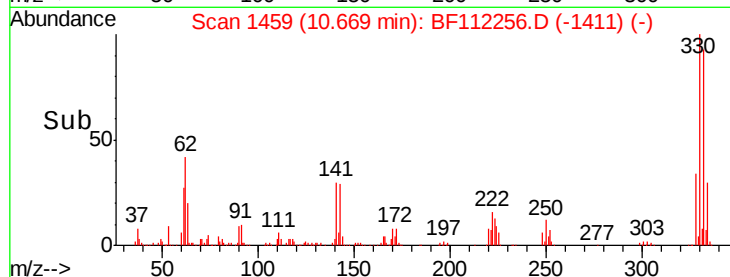
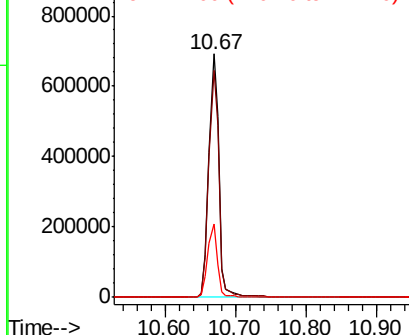
#42
 2,4,6-Tribromophenol
 Concen: 120.475 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Instrument :
 BNA_F
 ClientSampleId :
 NWB

Tgt Ion:330 Resp: 685440
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 29.3 24.3 36.5

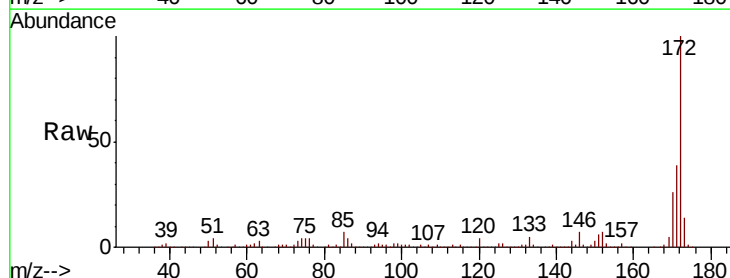


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

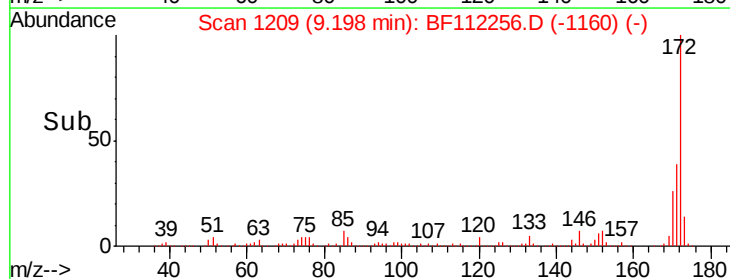
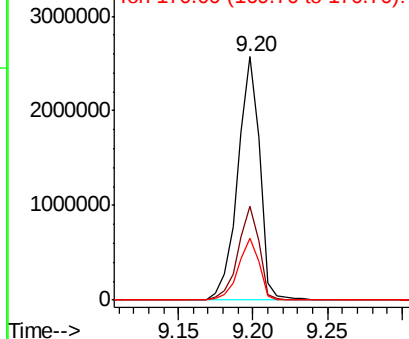


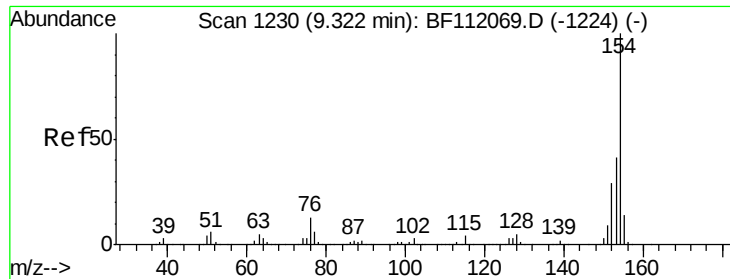
#45
 2-Fluorobiphenyl
 Concen: 76.682 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Tgt Ion:172 Resp: 2650141
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.5 45.7
 170 25.6 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

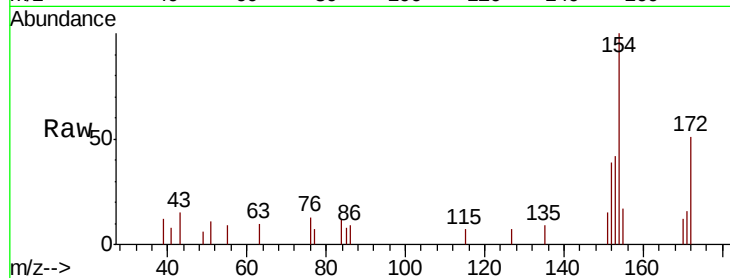




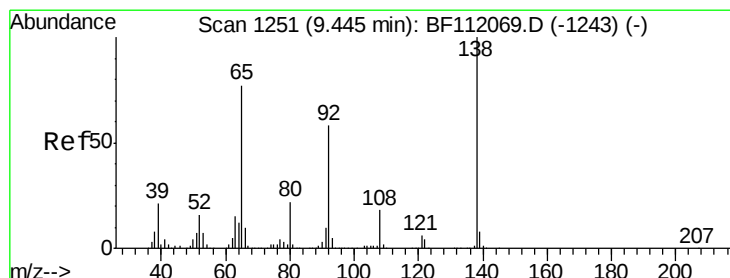
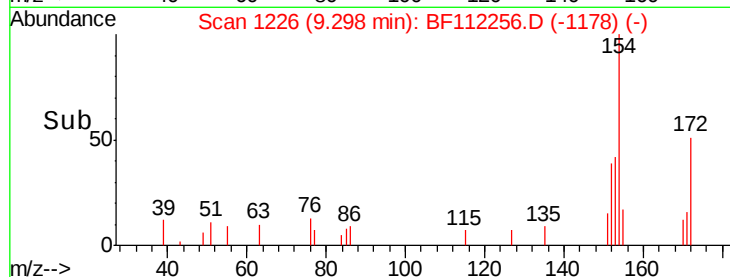
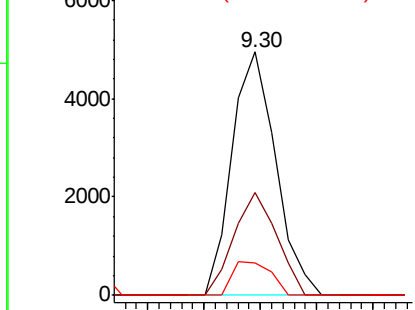
#46
 1,1'-Biphenyl
 Concen: 0.124 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Instrument :
 BNA_F
 ClientSampleID :
 NWB

Tgt Ion: 154 Resp: 5313
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.5 61.5
 76 13.1 0.0 33.1

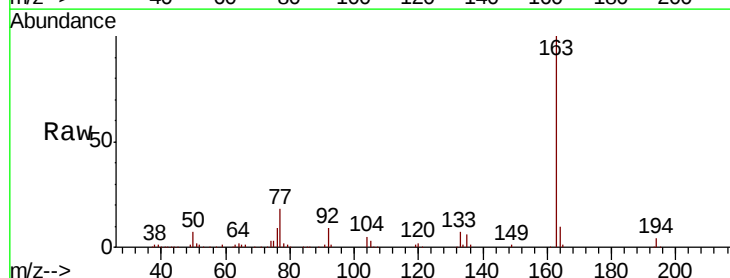


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

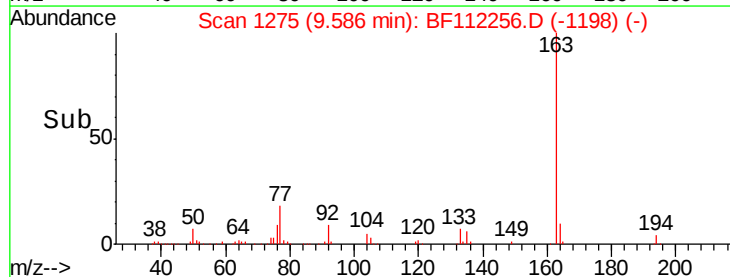
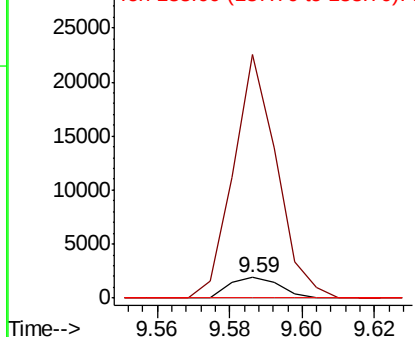


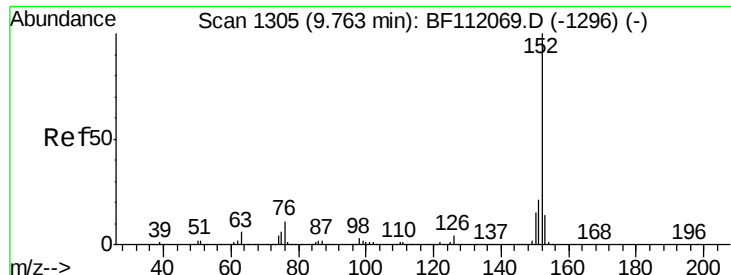
#48
 2-Nitroaniline
 Concen: 0.202 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. 0.15 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Tgt Ion: 65 Resp: 1823
 Ion Ratio Lower Upper
 65 100
 92 1180.5 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: 0.002 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.15 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

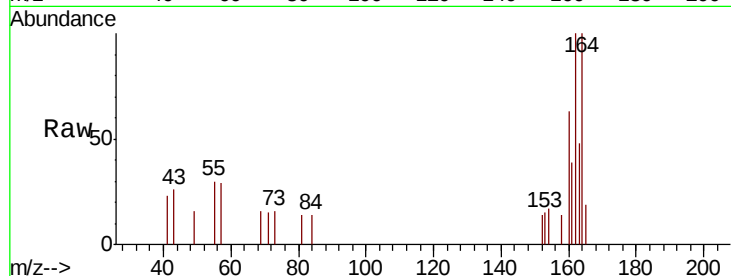
Tgt Ion:152 Resp: 113

Ion Ratio Lower Upper

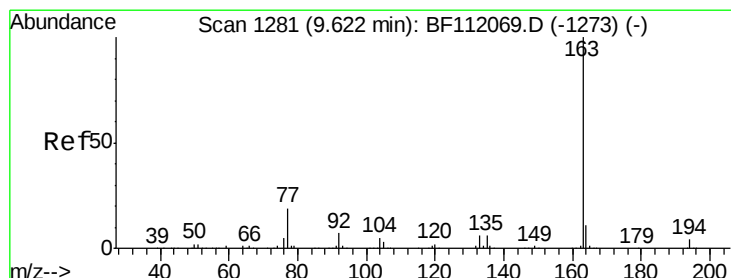
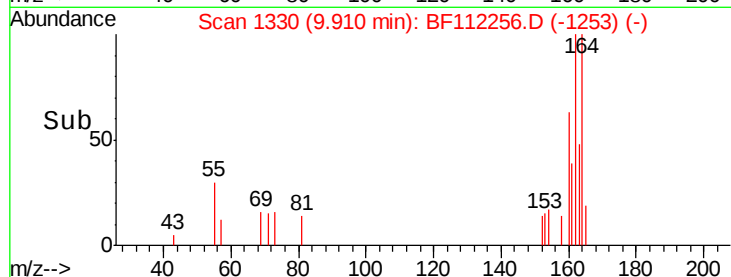
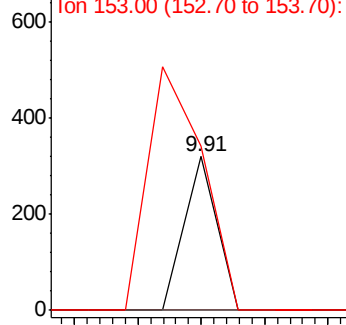
152 100

151 0.0 17.0 25.6#

153 106.6 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: 6.089 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

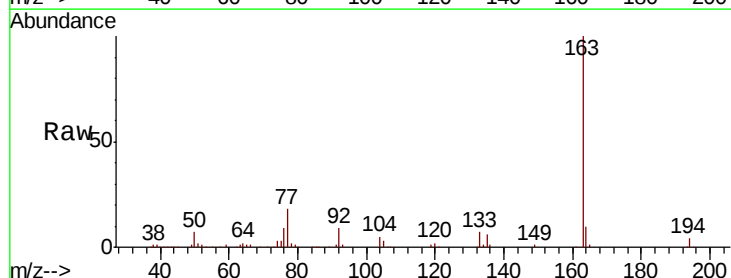
Tgt Ion:163 Resp: 231248

Ion Ratio Lower Upper

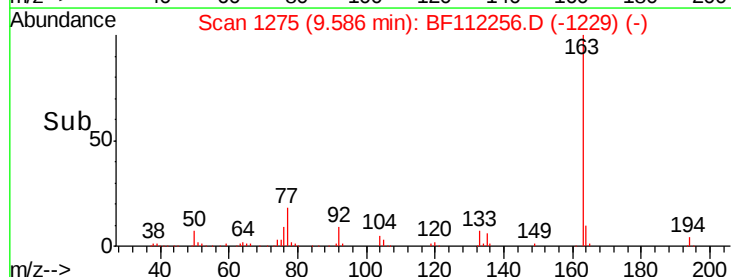
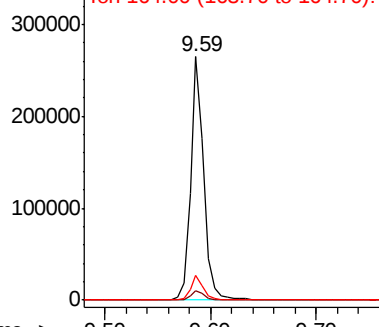
163 100

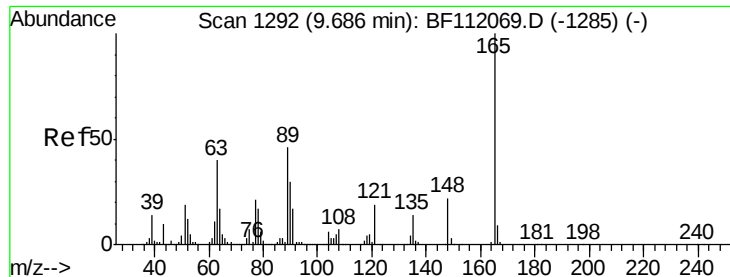
194 3.9 3.3 4.9

164 10.1 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

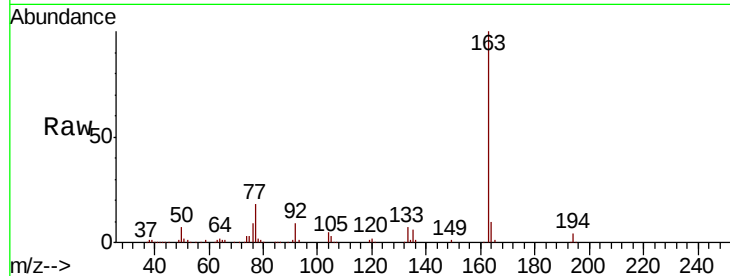




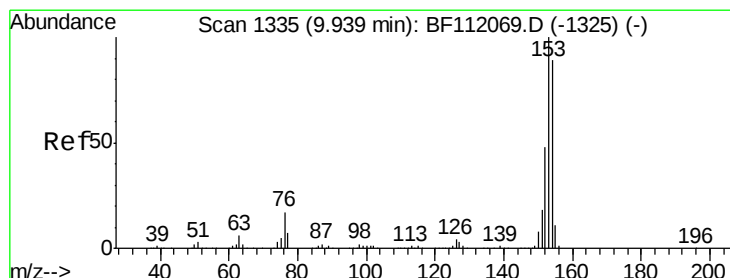
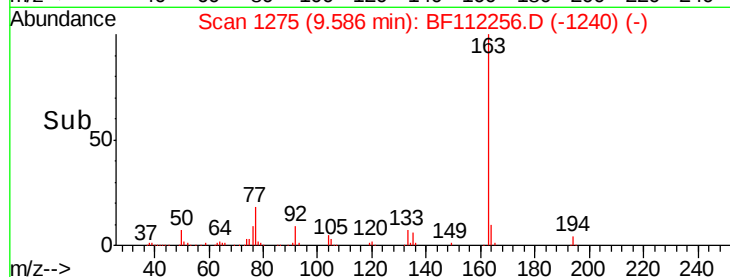
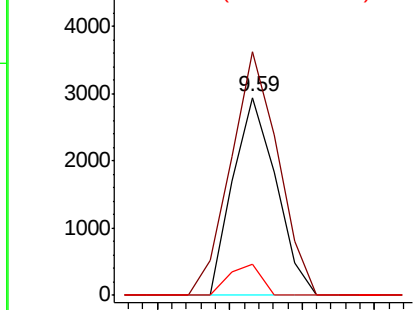
#51
 2,6-Dinitrotoluene
 Concen: 0.289 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.09 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Instrument :
 BNA_F
 ClientSampleID :
 NWB

Tgt Ion:165 Resp: 2457
 Ion Ratio Lower Upper
 165 100
 63 123.2 33.8 50.8#
 89 15.6 36.9 55.3#

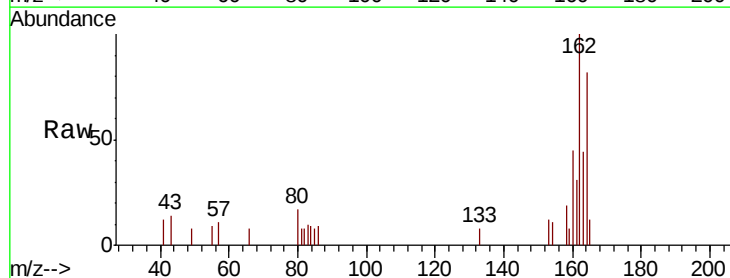


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

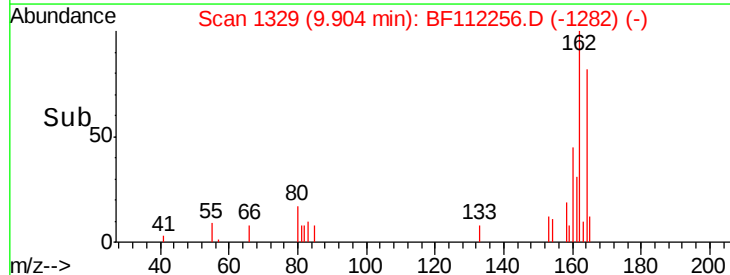
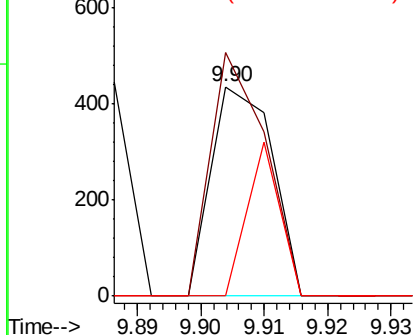


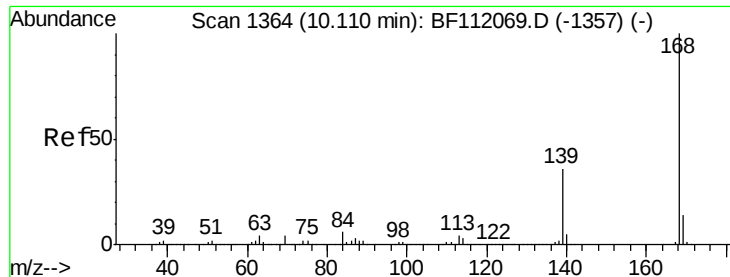
#52
 Acenaphthene
 Concen: 0.010 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Tgt Ion:154 Resp: 288
 Ion Ratio Lower Upper
 154 100
 153 116.3 89.8 134.6
 152 0.0 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

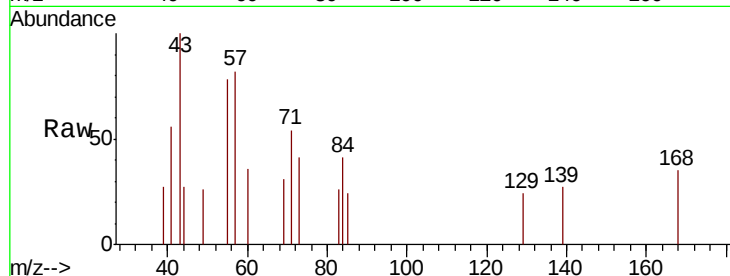




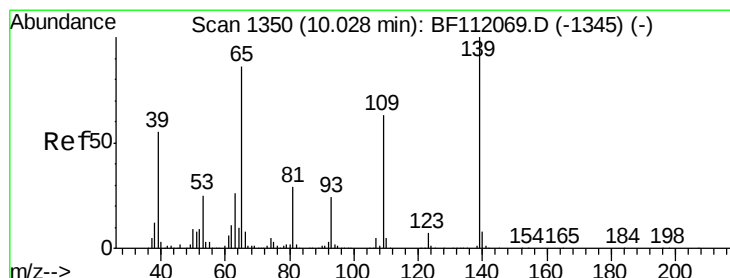
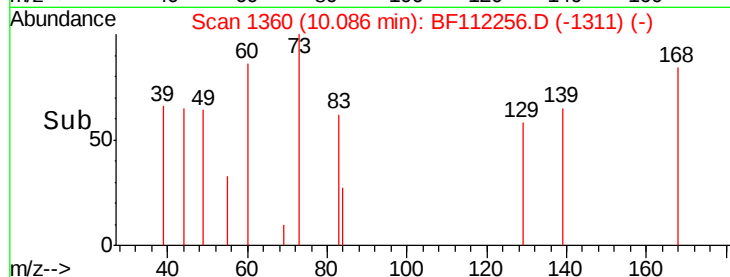
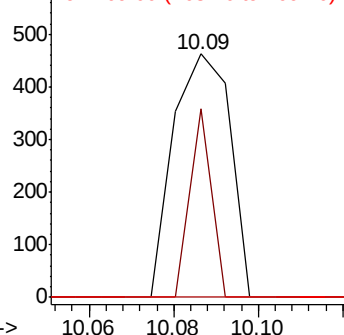
#55
Dibenzenofuran
Concen: 0.010 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Instrument :
BNA_F
ClientSampled :
NWB

Tgt Ion:168 Resp: 432
Ion Ratio Lower Upper
168 100
139 77.5 29.2 43.8#
169 0.0 11.4 17.0#

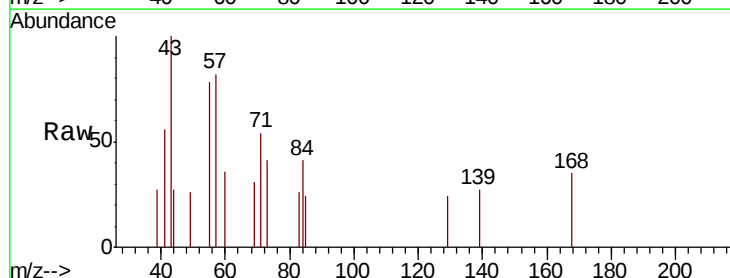


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

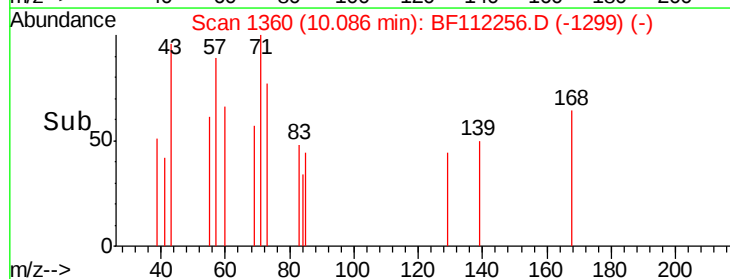
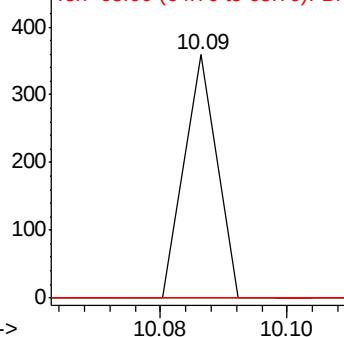


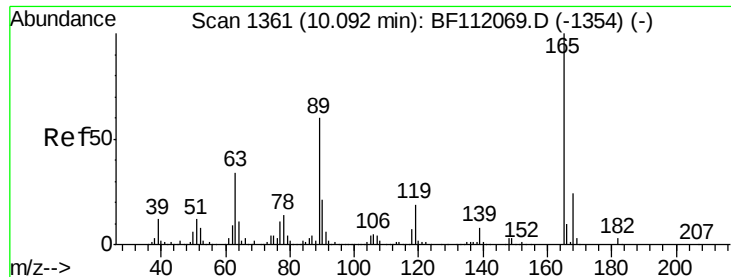
#56
4-Nitrophenol
Concen: 0.026 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.06 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion:139 Resp: 127
Ion Ratio Lower Upper
139 100
109 0.0 42.8 82.8#
65 0.0 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

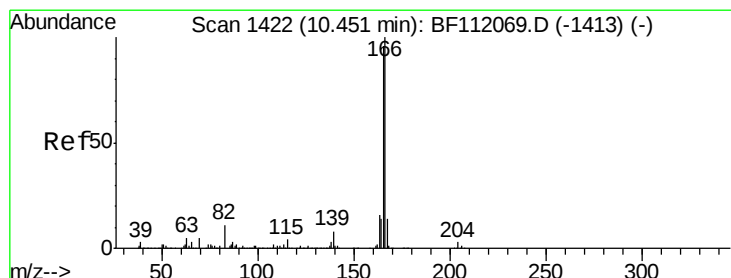
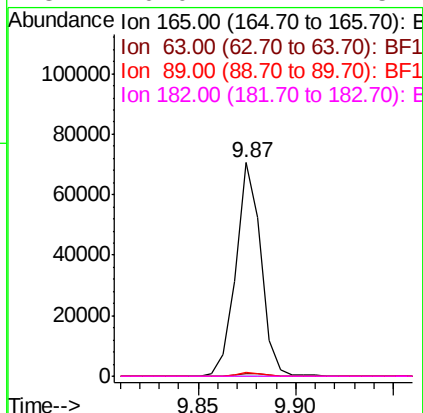
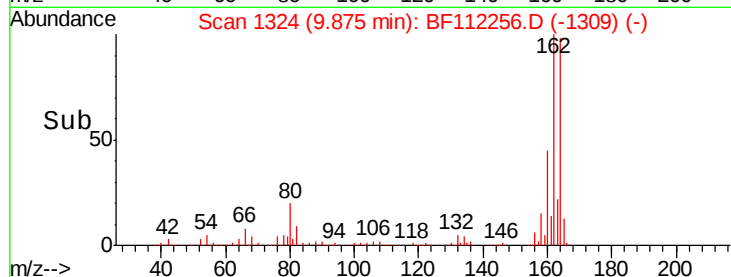
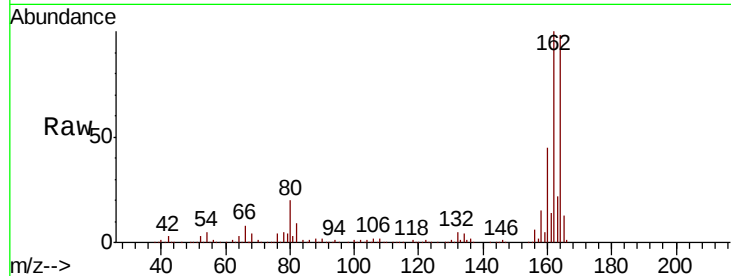




#57
2,4-Dinitrotoluene
Concen: 5.790 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

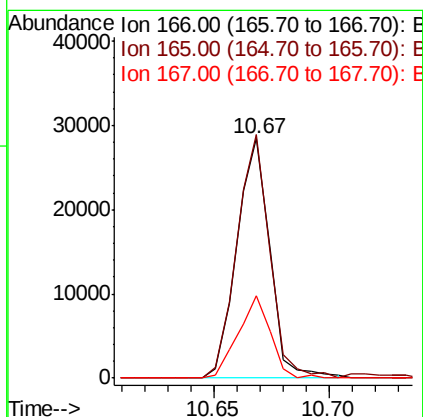
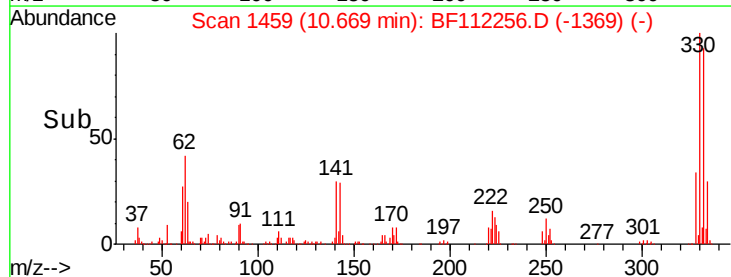
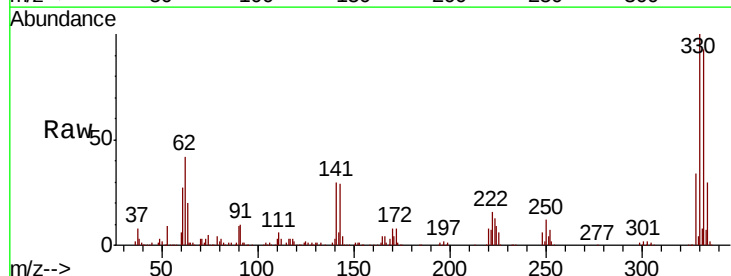
Instrument :
BNA_F
ClientSampled :
NWB

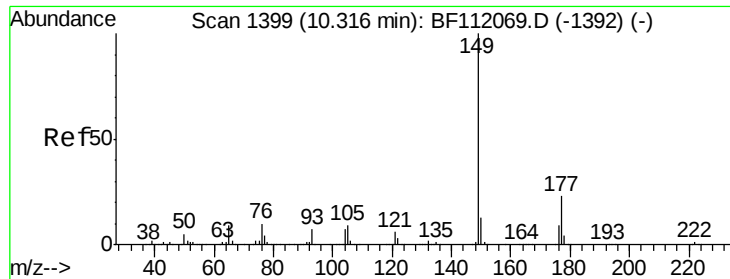
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#



#58
Fluorene
Concen: 0.859 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.23 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	77.1	115.7
167	34.4	11.3	16.9#

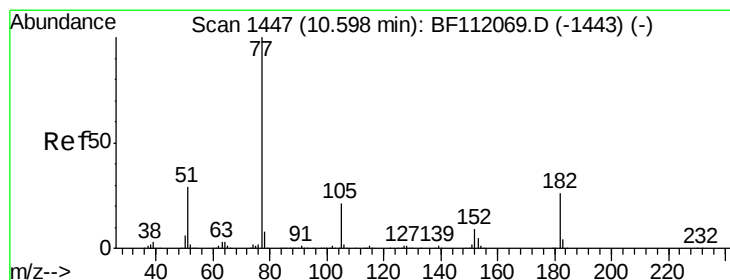
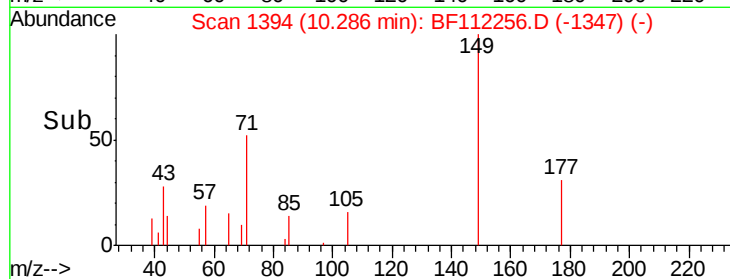
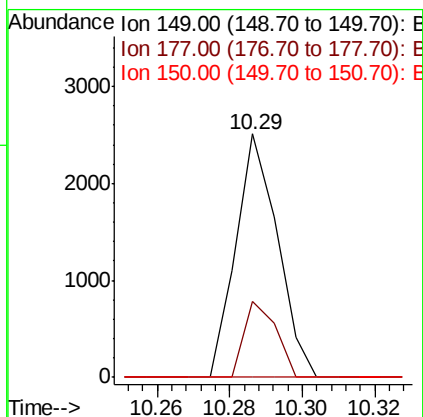
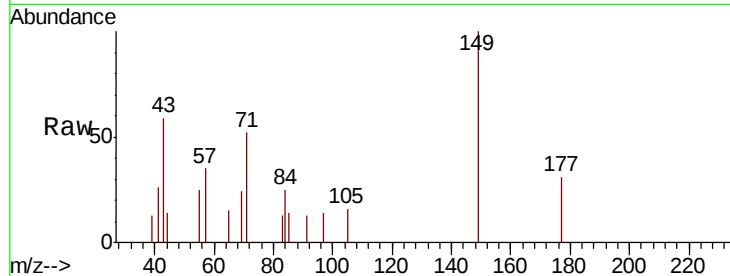




#60
Diethylphthalate
Concen: 0.053 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

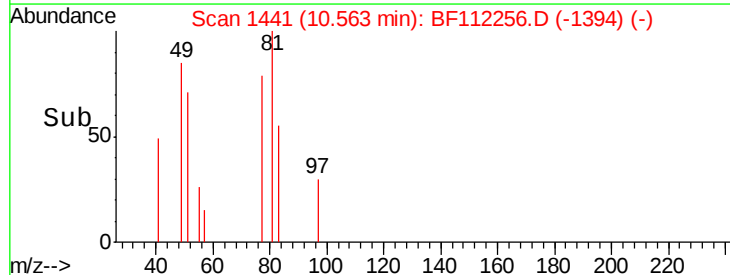
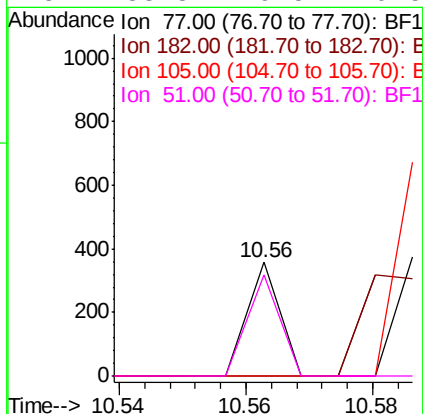
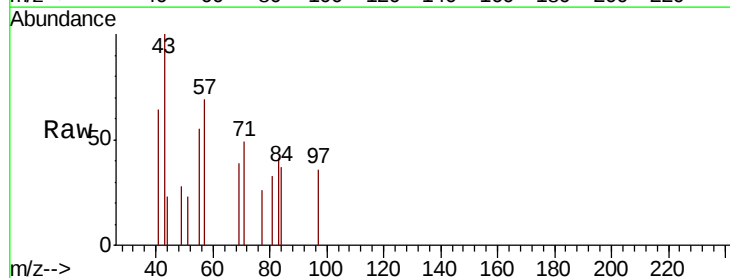
Instrument :
BNA_F
ClientSampleId :
NWB

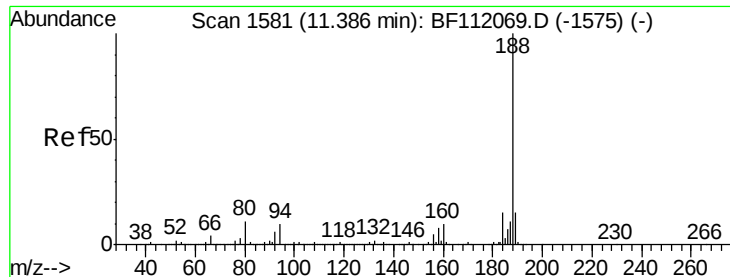
Tgt Ion: 149 Resp: 2001
Ion Ratio Lower Upper
149 100
177 31.4 18.2 27.2#
150 0.0 10.4 15.6#



#63
Azobenzene
Concen: 0.004 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion: 77 Resp: 126
Ion Ratio Lower Upper
77 100
182 0.0 5.7 45.7#
105 0.0 1.4 41.4#
51 88.8 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: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampled :

NWB

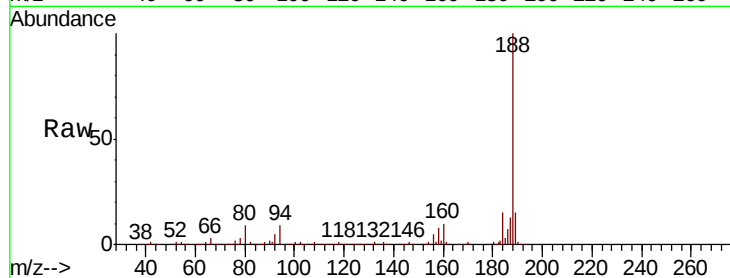
Tgt Ion:188 Resp: 942593

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

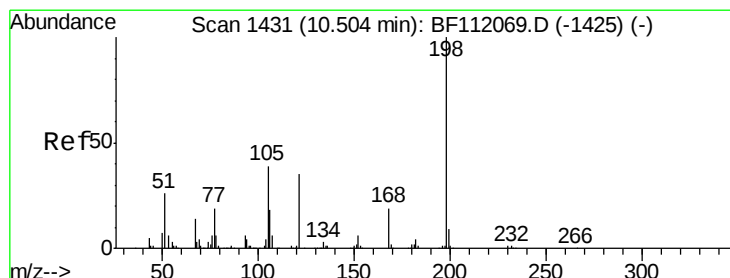
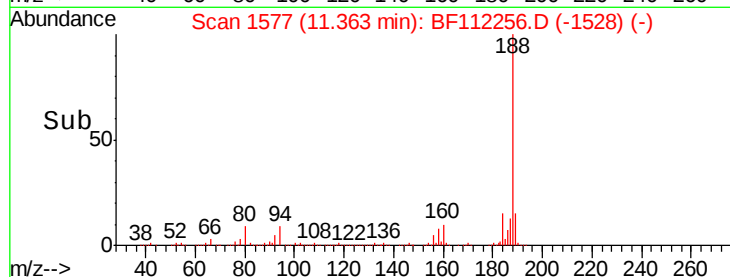
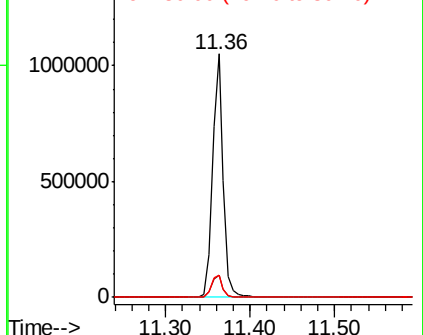
80 9.1 8.9 13.3



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



#65

4,6-Dinitro-2-methylphenol

Concen: 0.250 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.16 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

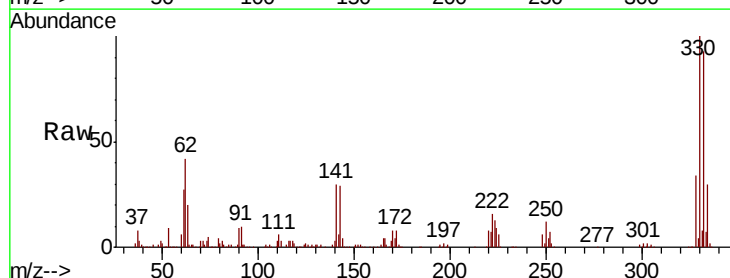
Tgt Ion:198 Resp: 1323

Ion Ratio Lower Upper

198 100

51 156.8 17.2 57.2#

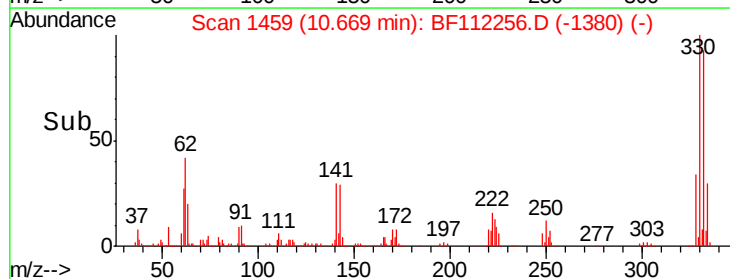
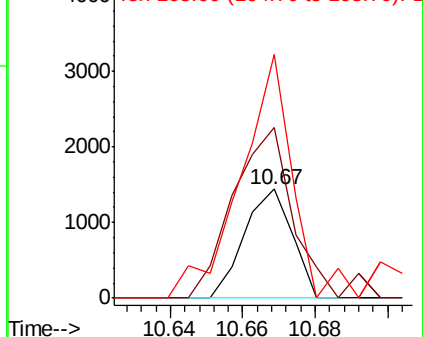
105 223.6 21.9 61.9#

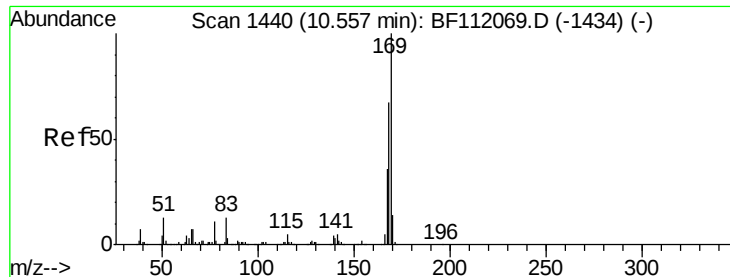


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

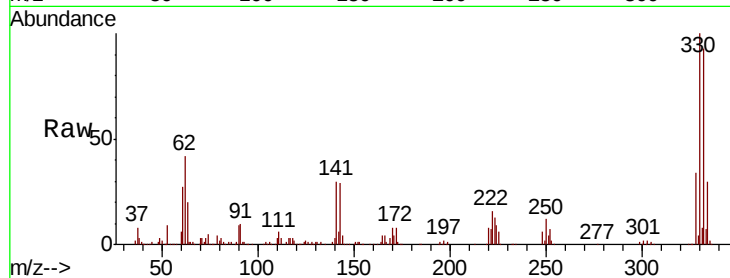




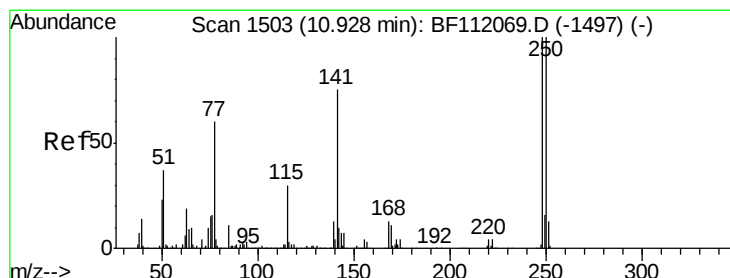
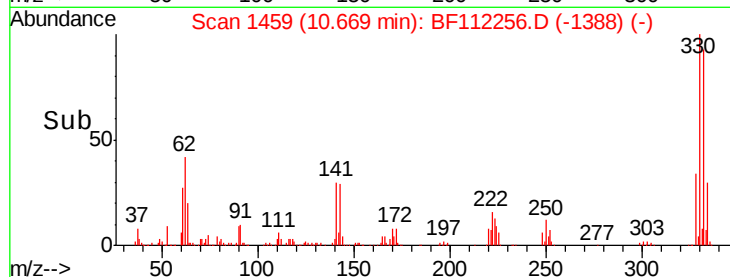
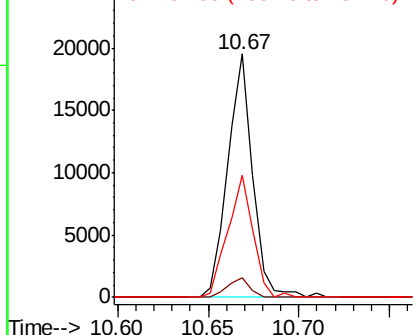
#66
 n-Nitrosodiphenylamine
 Concen: 0.589 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.12 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Instrument :
 BNA_F
 ClientSampleId :
 NWB

Tgt Ion:169 Resp: 18720
 Ion Ratio Lower Upper
 169 100
 168 8.1 53.9 80.9#
 167 50.0 28.9 43.3#

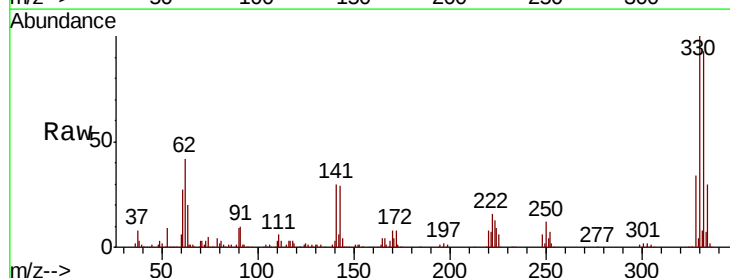


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

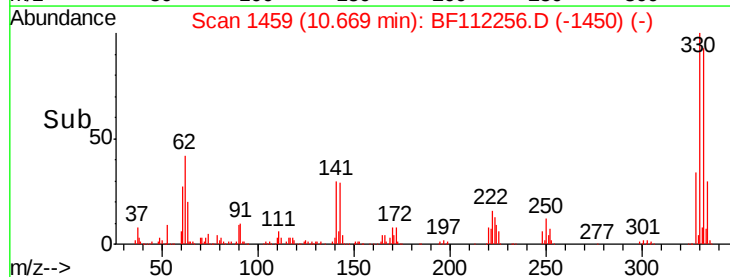
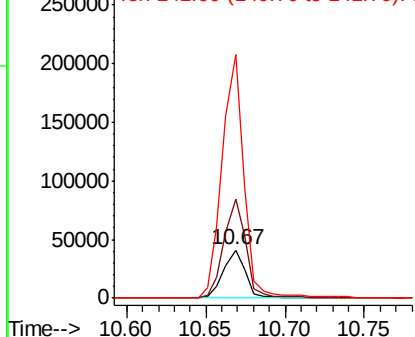


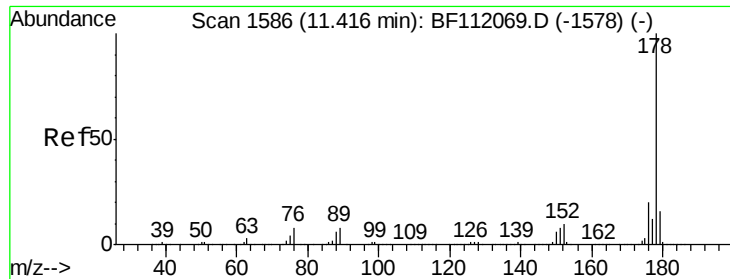
#67
 4-Bromophenyl-phenylether
 Concen: 3.564 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Tgt Ion:248 Resp: 39510
 Ion Ratio Lower Upper
 248 100
 250 206.4 79.7 119.5#
 141 506.9 60.3 90.5#



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





#71

Phenanthrene

Concen: 0.144 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

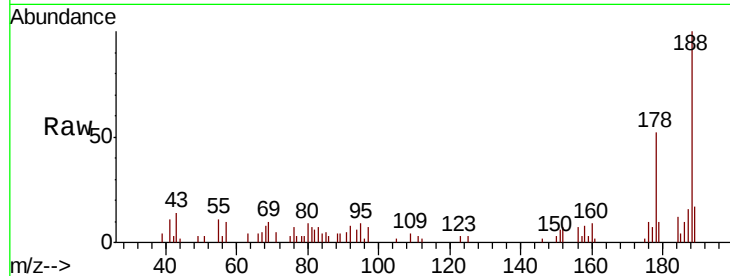
Tgt Ion:178 Resp: 7064

Ion Ratio Lower Upper

178 100

176 19.0 16.3 24.5

179 19.3 13.0 19.4

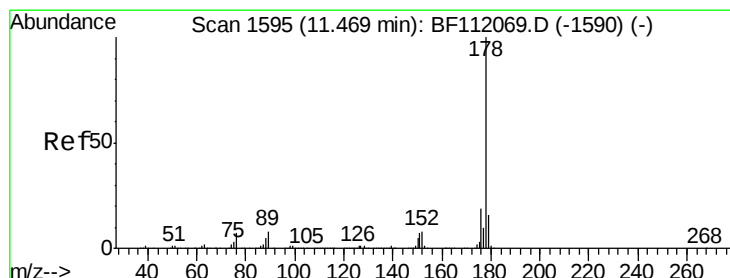
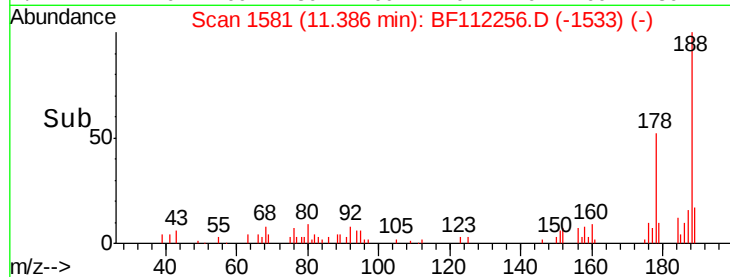
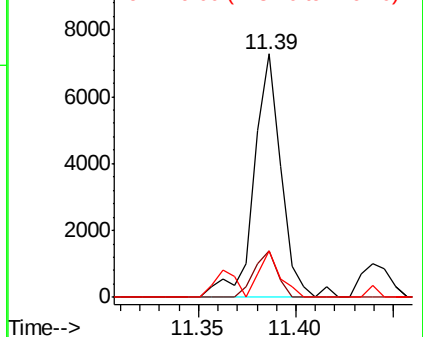


Abundance

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: 0.021 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

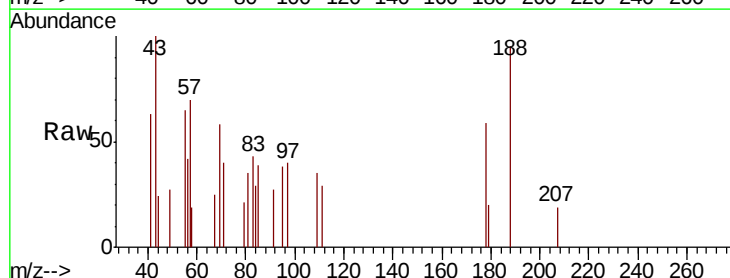
Tgt Ion:178 Resp: 1020

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

179 34.2 12.8 19.2#

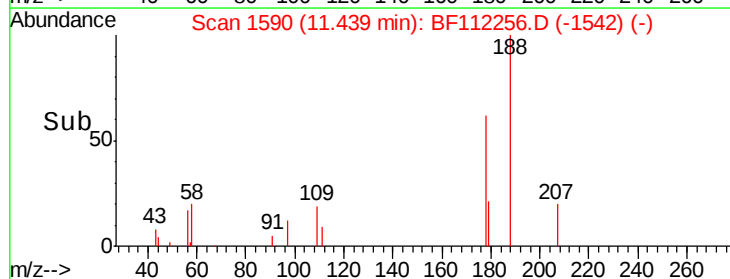
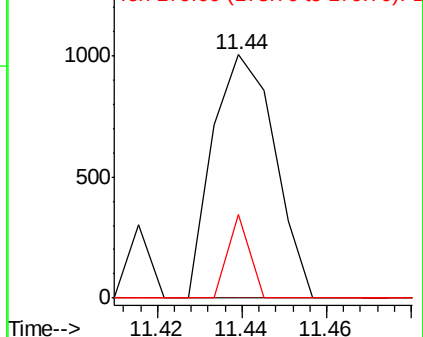


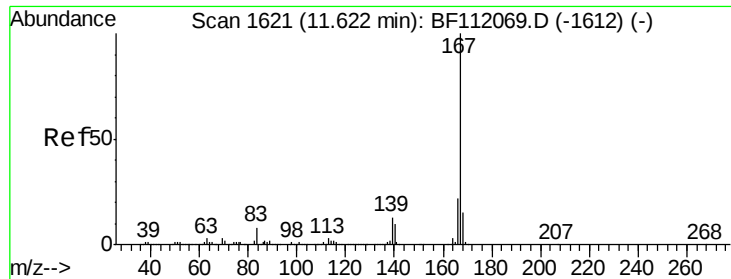
Abundance

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

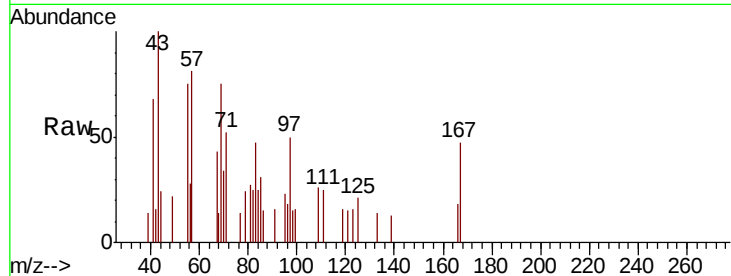




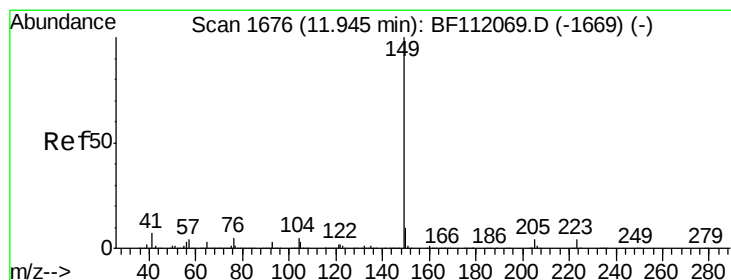
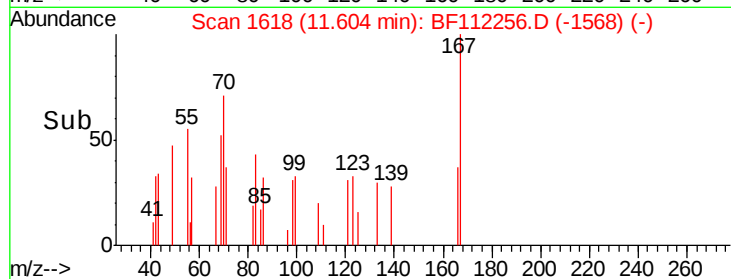
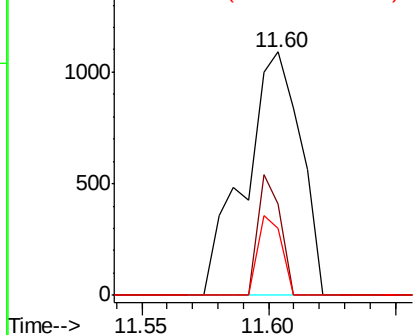
#73
 Carbazole
 Concen: 0.035 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Instrument :
 BNA_F
 ClientSampleId :
 NWB

Tgt Ion:167 Resp: 1680
 Ion Ratio Lower Upper
 167 100
 166 37.2 17.9 26.9#
 139 27.7 10.2 15.2#

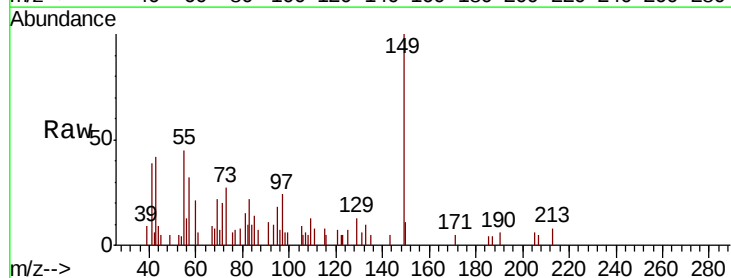


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

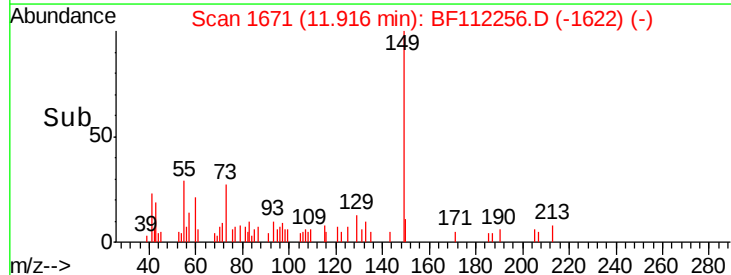
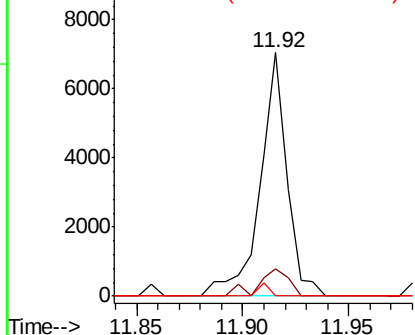


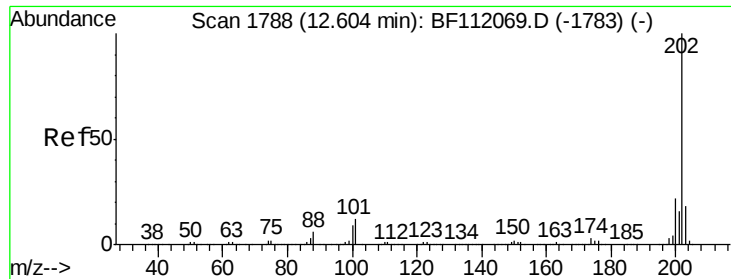
#74
 Di-n-butylphthalate
 Concen: 0.105 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Tgt Ion:149 Resp: 6259
 Ion Ratio Lower Upper
 149 100
 150 11.3 8.1 12.1
 104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

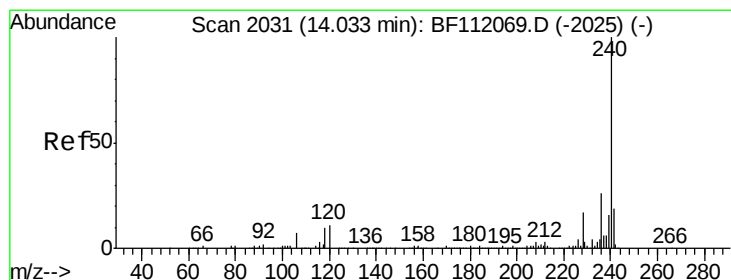
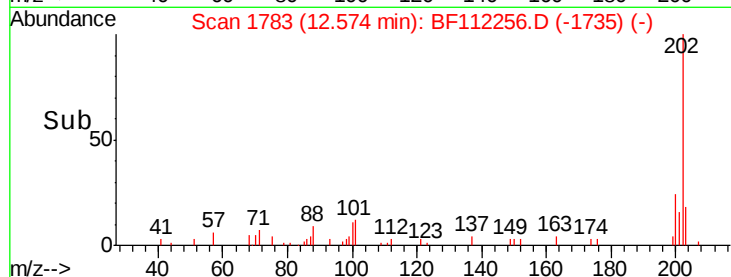
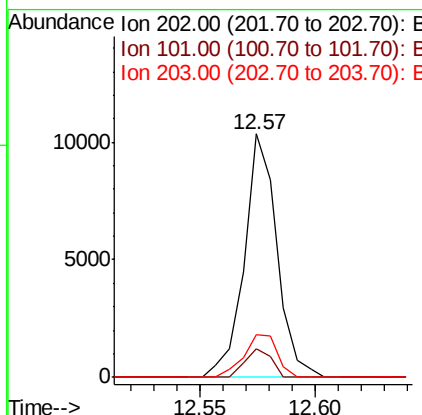
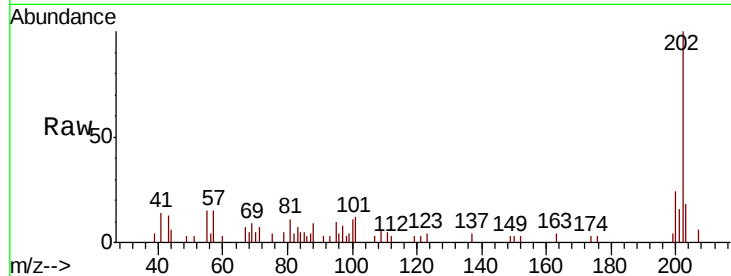




#75
 Fluoranthene
 Concen: 0.195 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

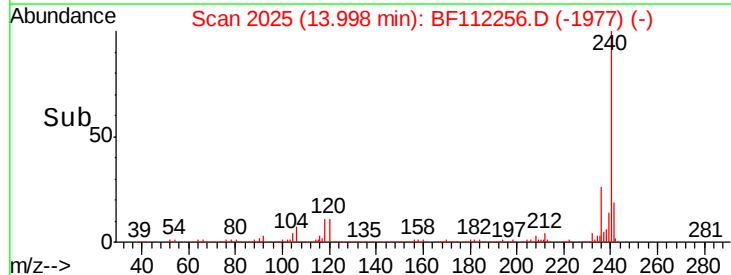
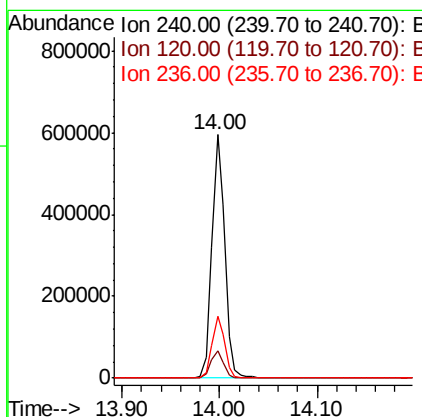
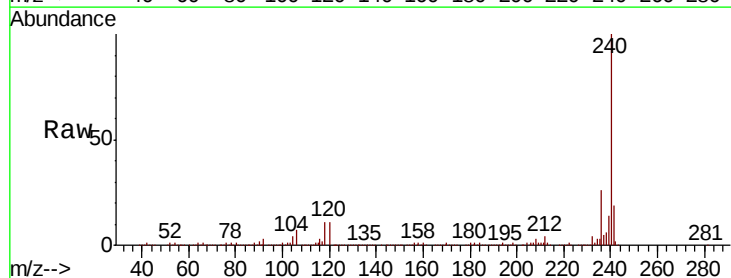
Instrument :
 BNA_F
 ClientSampled :
 NWB

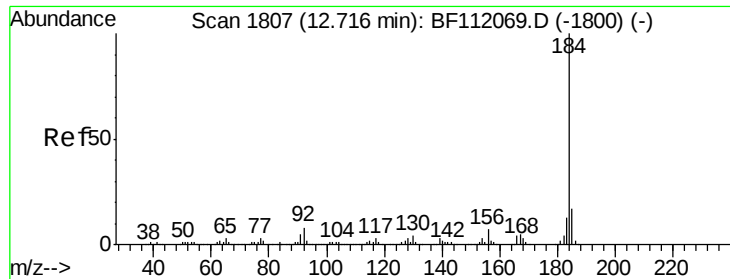
Tgt Ion:	202	Resp:	10237
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.8
203	17.7	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF112256.D
 Acq: 26 Jan 2019 2:25

Tgt Ion:	240	Resp:	544681
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 0.103 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.13 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

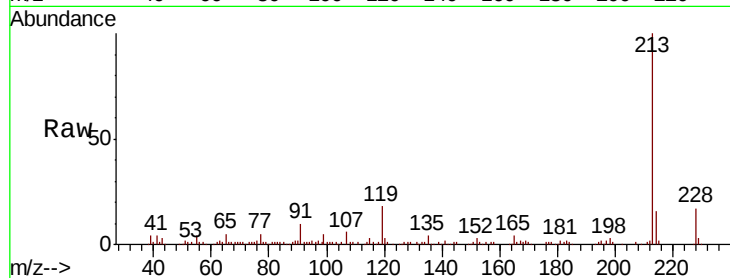
Tgt Ion:184 Resp: 1548

Ion Ratio Lower Upper

184 100

185 30.2 13.9 20.9#

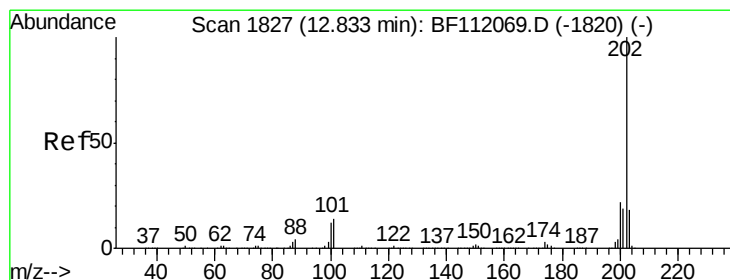
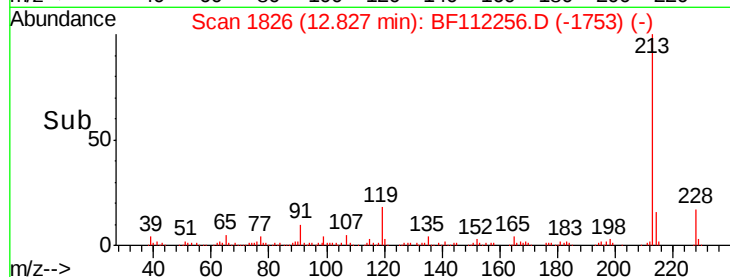
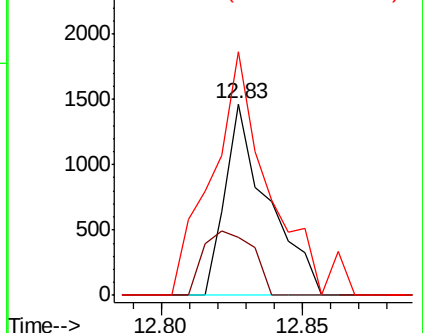
183 127.0 10.0 15.0#



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: 0.253 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

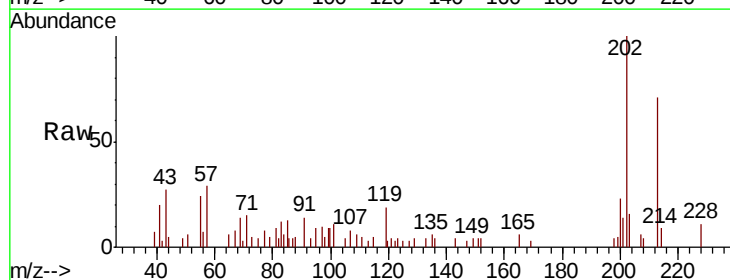
Tgt Ion:202 Resp: 9547

Ion Ratio Lower Upper

202 100

200 23.2 17.7 26.5

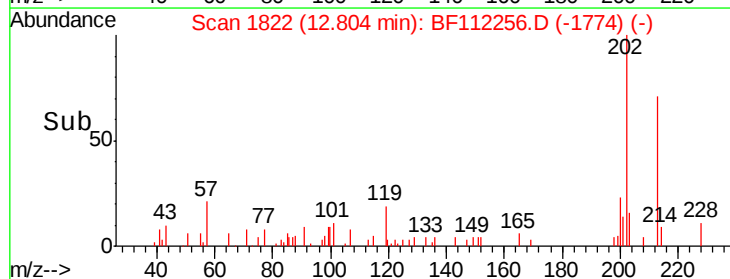
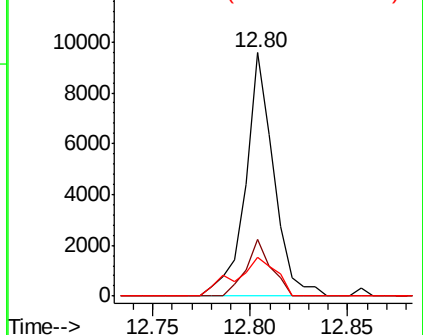
203 15.7 14.6 22.0

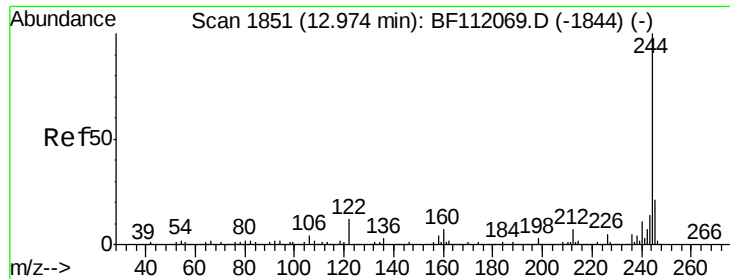


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.047 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

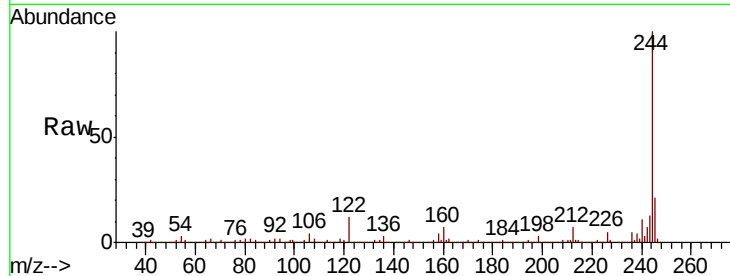
Tgt Ion:244 Resp: 2459514

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

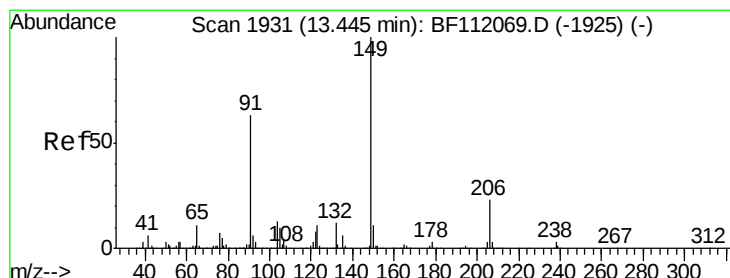
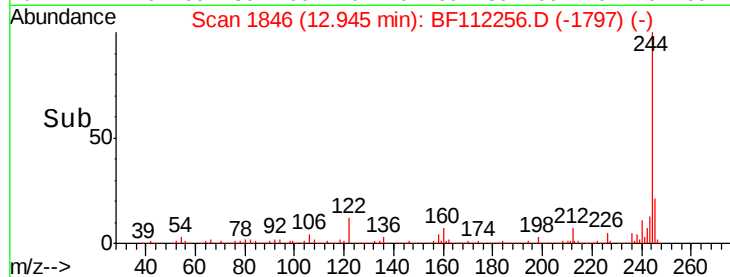
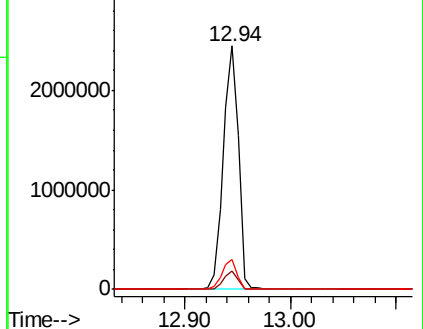
122 12.4 9.8 14.6



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



#80

Butylbenzylphthalate

Concen: 0.059 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

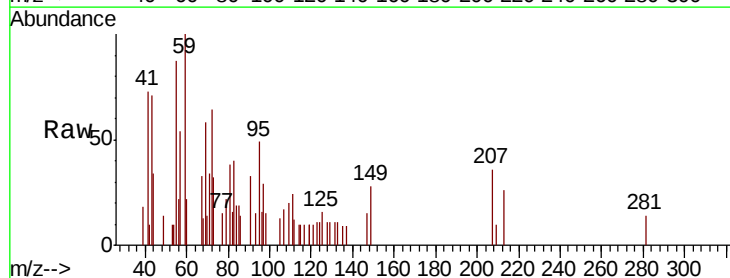
Tgt Ion:149 Resp: 1075

Ion Ratio Lower Upper

149 100

91 115.0 50.3 75.5#

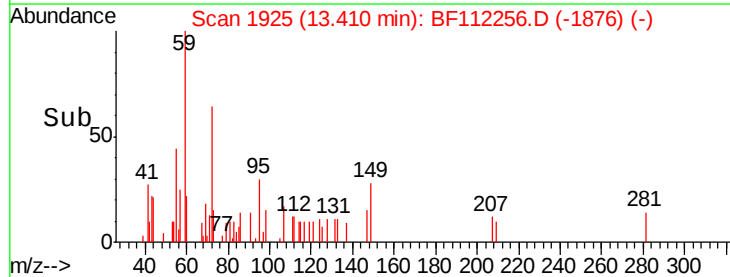
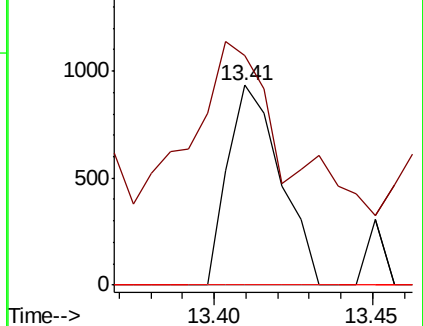
206 0.0 18.2 27.4#

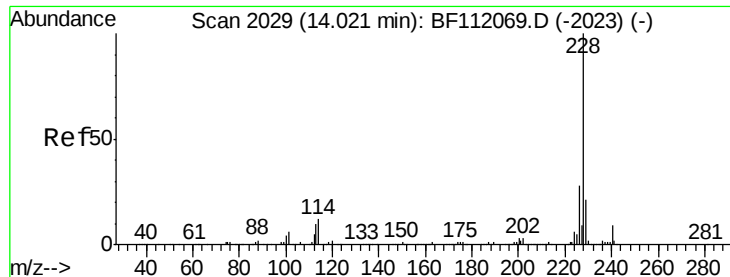


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.212 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

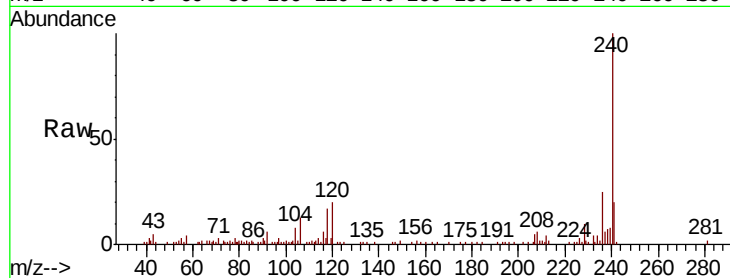
Tgt Ion:228 Resp: 6798

Ion Ratio Lower Upper

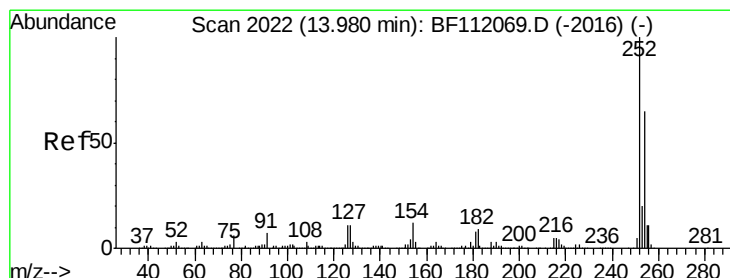
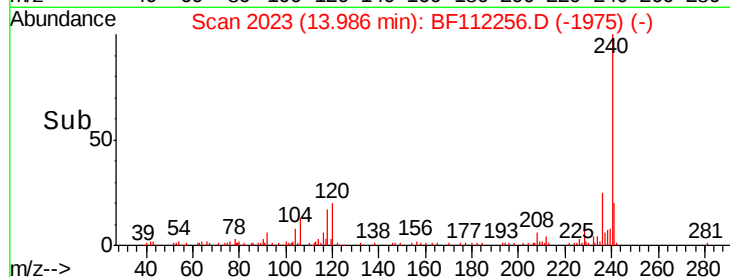
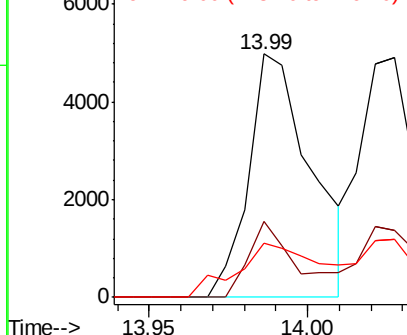
228 100

226 31.1 22.6 34.0

229 22.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.021 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.13 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

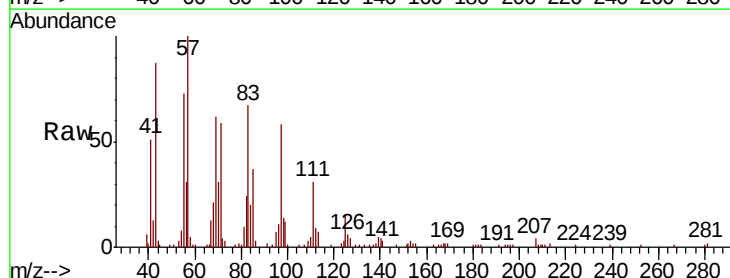
Tgt Ion:252 Resp: 256

Ion Ratio Lower Upper

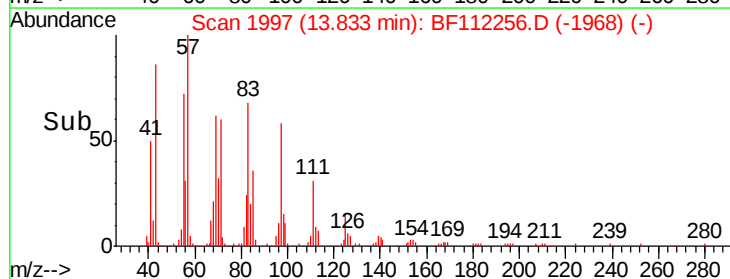
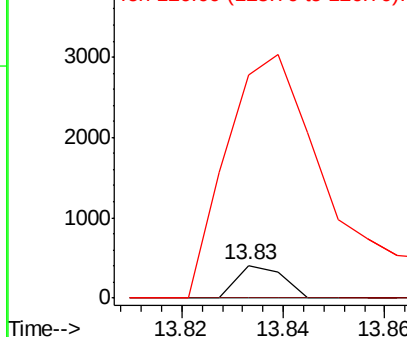
252 100

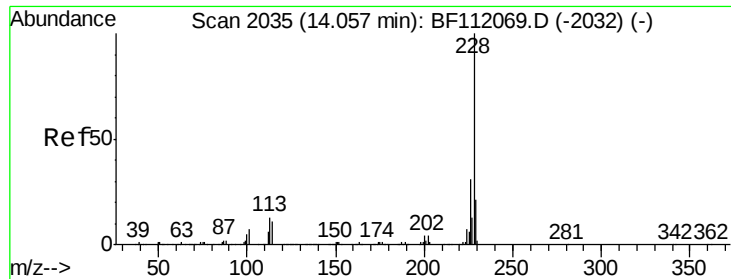
254 0.0 51.6 77.4#

126 684.0 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

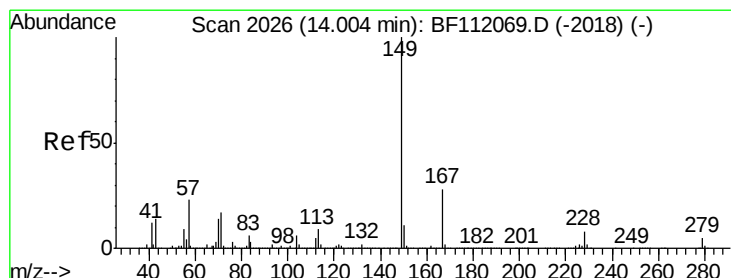
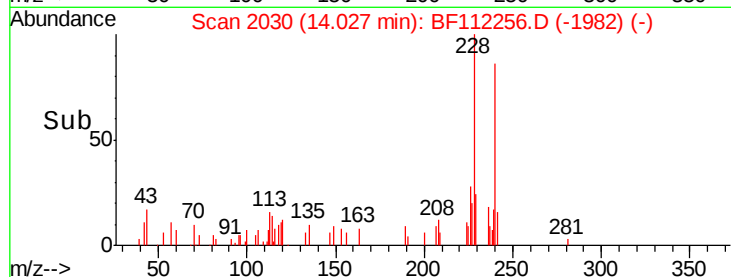
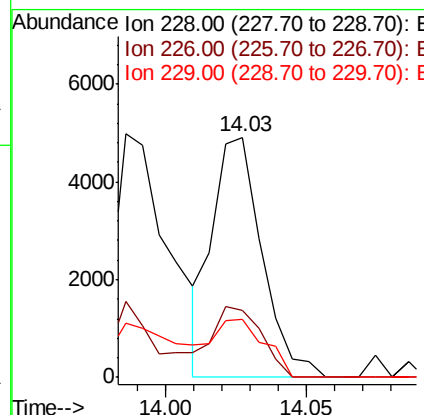
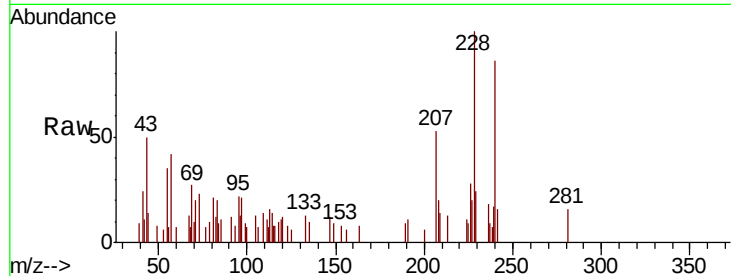




#83
Chrysene
Concen: 0.197 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

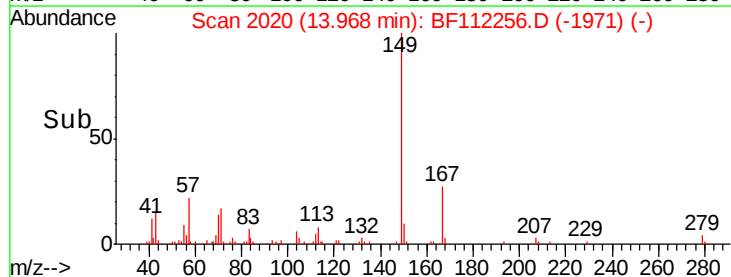
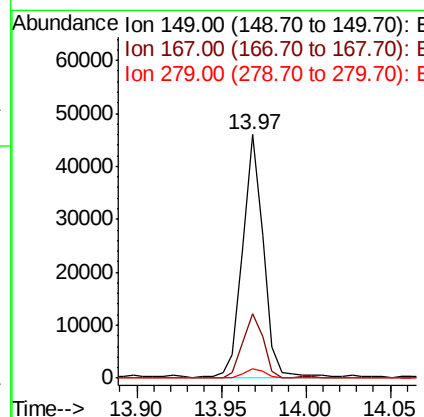
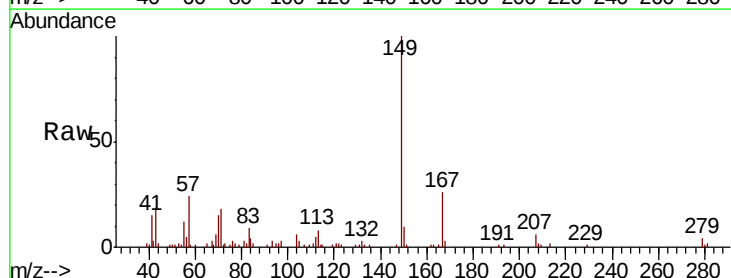
Instrument :
BNA_F
ClientSampleId :
NWB

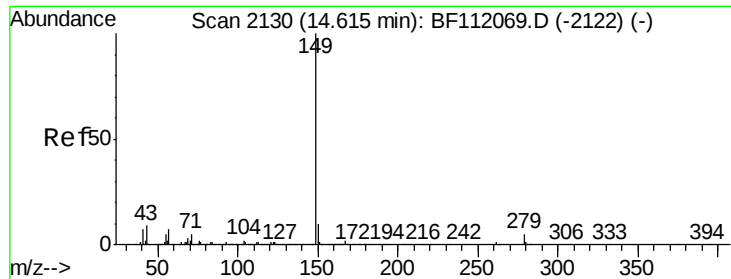
Tgt Ion: 228 Resp: 6009
Ion Ratio Lower Upper
228 100
226 27.7 25.0 37.6
229 24.0 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.544 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion: 149 Resp: 39977
Ion Ratio Lower Upper
149 100
167 26.3 22.5 33.7
279 3.9 3.8 5.6

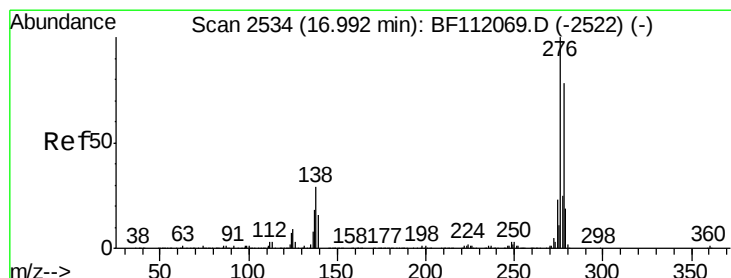
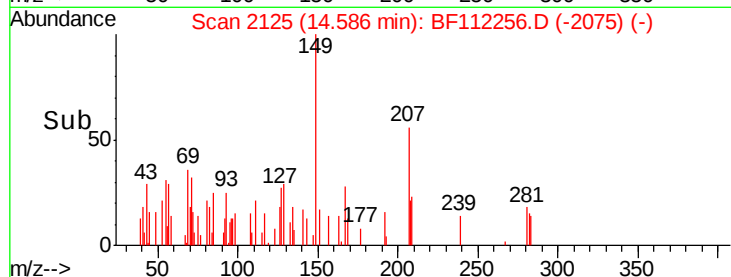
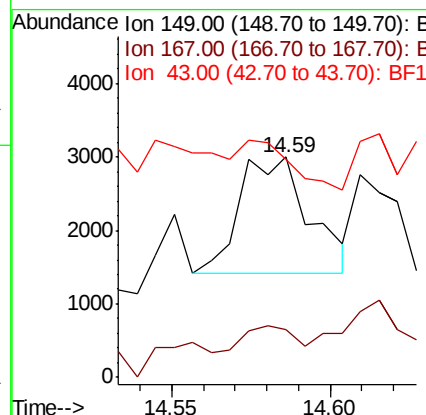
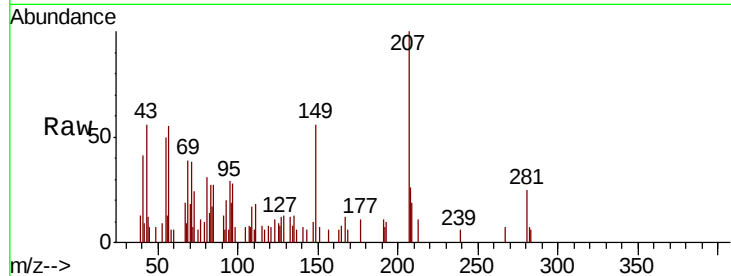




#85
Di-n-octyl phthalate
Concen: 0.060 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

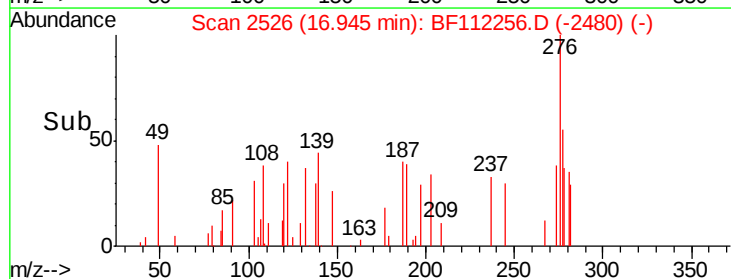
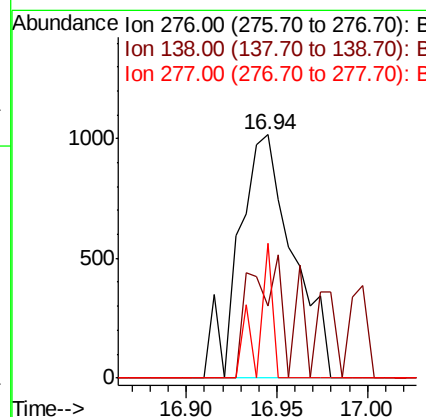
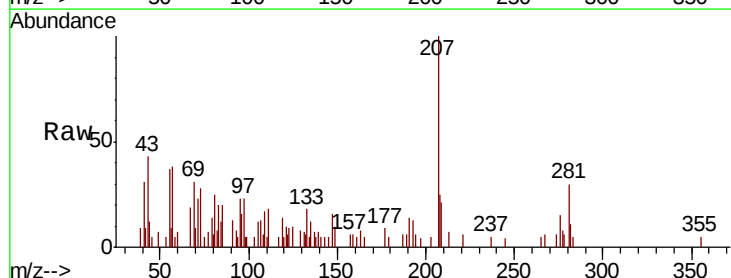
Instrument :
BNA_F
ClientSampleId :
NWB

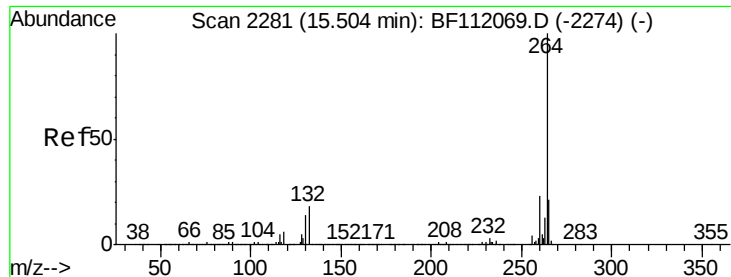
Tgt Ion:149 Resp: 2392
Ion Ratio Lower Upper
149 100
167 41.0 1.3 1.9#
43 0.0 7.8 11.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.03 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion:276 Resp: 2127
Ion Ratio Lower Upper
276 100
138 27.9 22.6 34.0
277 14.4 20.3 30.5#

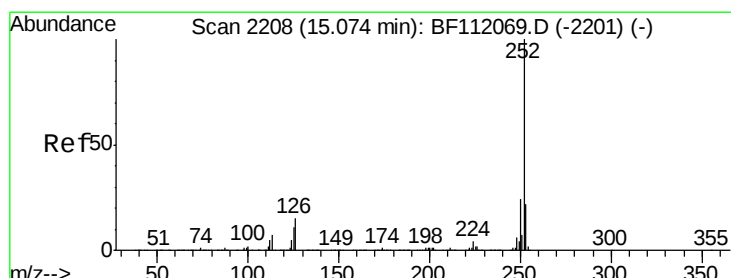
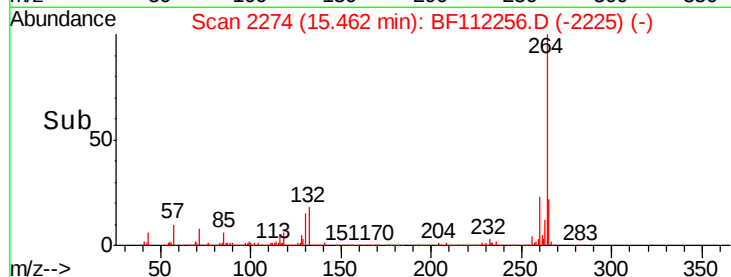
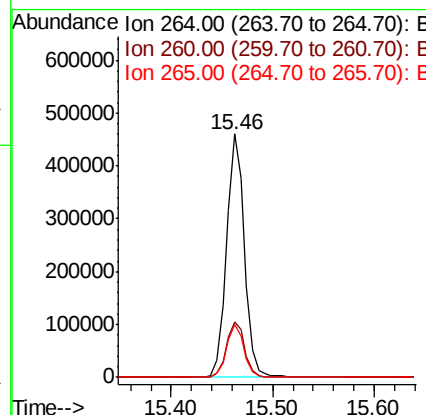
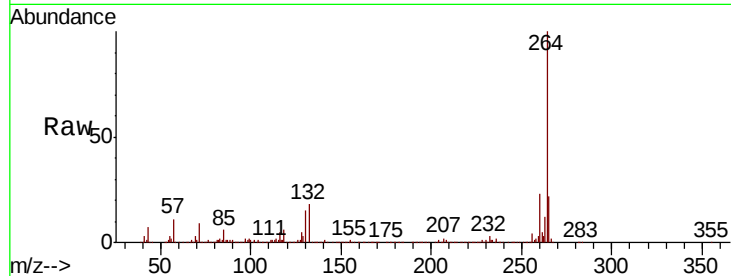




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

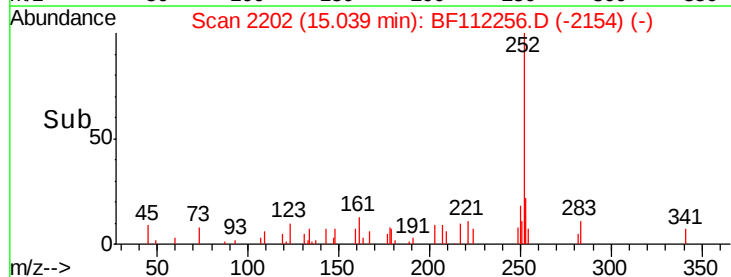
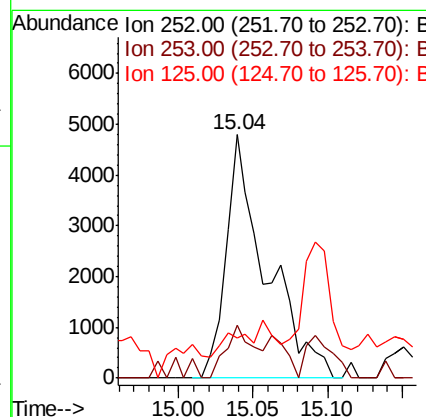
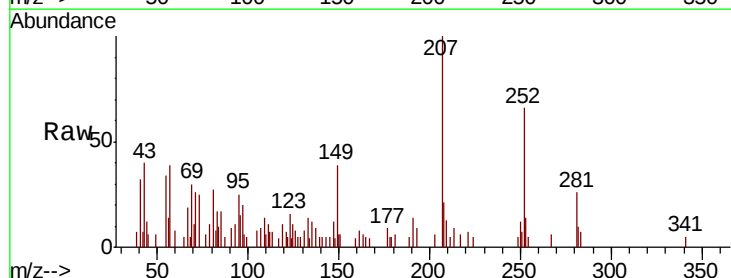
Instrument :
BNA_F
ClientSampleId :
NWB

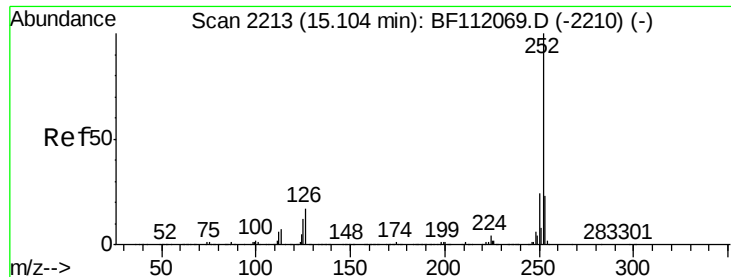
Tgt Ion:264 Resp: 561470
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.2
265 21.8 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 0.268 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion:252 Resp: 8998
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 16.4 8.7 13.1#

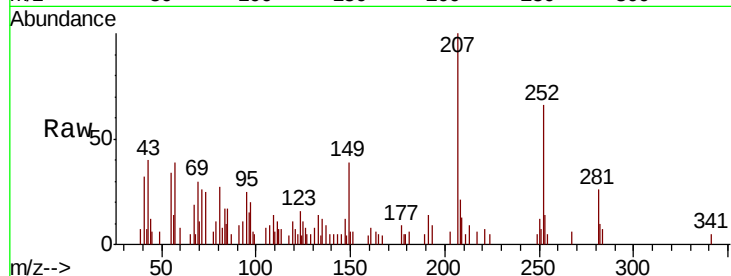




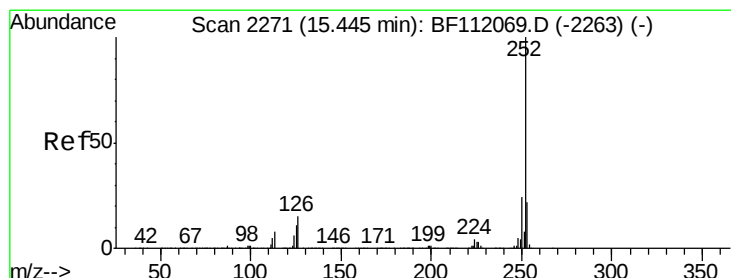
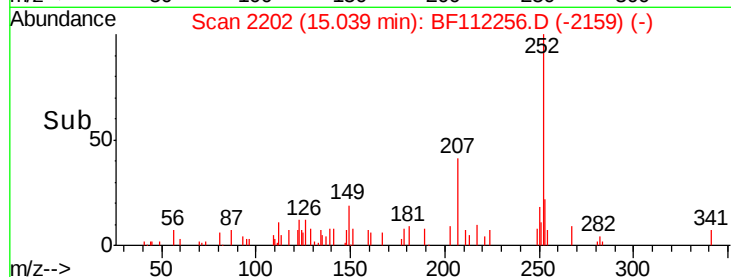
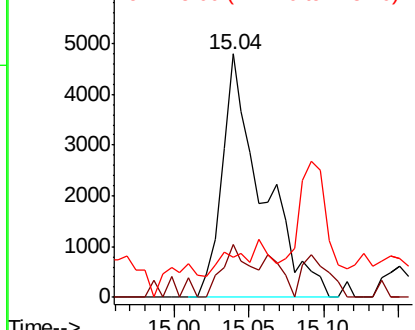
#89
Benzo(k)fluoranthene
Concen: 0.280 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Instrument :
BNA_F
ClientSampleId :
NWB

Tgt Ion:252 Resp: 8998
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 16.4 9.1 13.7#

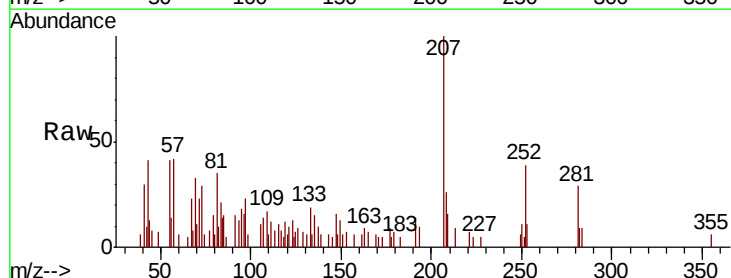


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

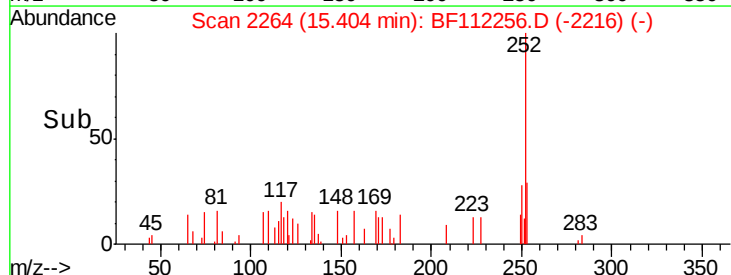
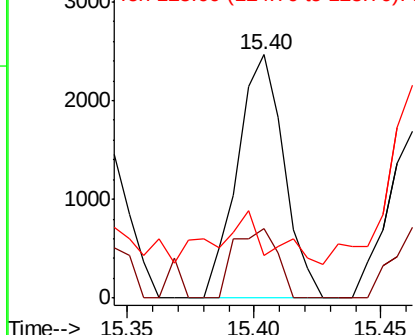


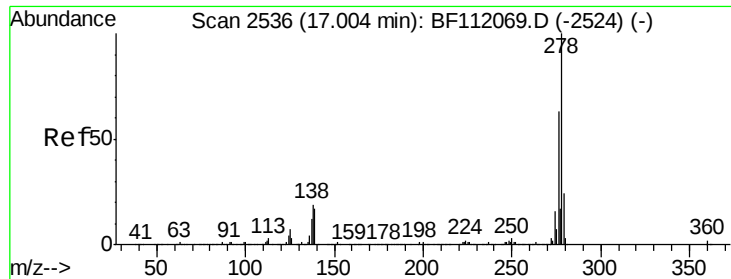
#90
Benzo(a)pyrene
Concen: 0.105 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112256.D
Acq: 26 Jan 2019 2:25

Tgt Ion:252 Resp: 3170
Ion Ratio Lower Upper
252 100
253 28.6 17.5 26.3#
125 17.6 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.017 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

Instrument :

BNA_F

ClientSampleId :

NWB

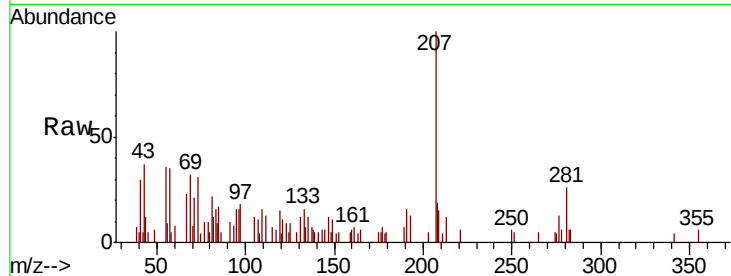
Tgt Ion: 278 Resp: 408

Ion Ratio Lower Upper

278 100

139 93.6 13.7 20.5#

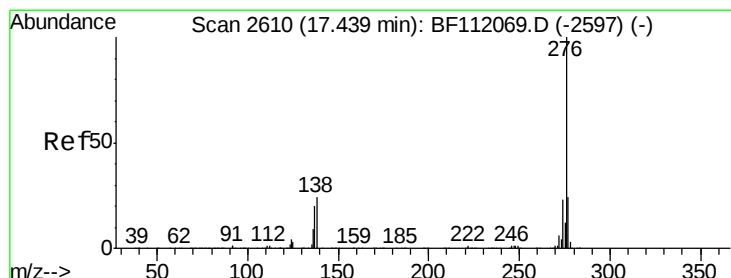
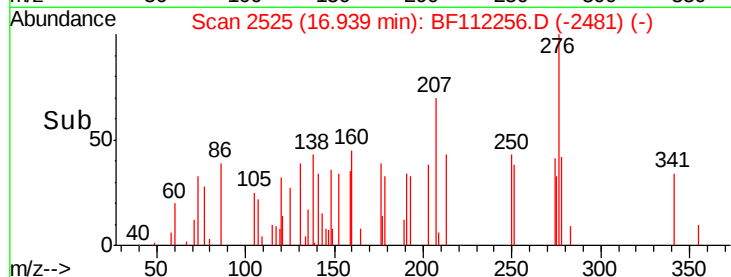
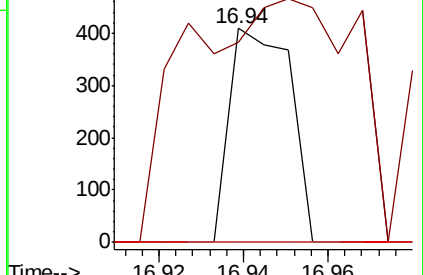
279 0.0 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.089 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF112256.D

Acq: 26 Jan 2019 2:25

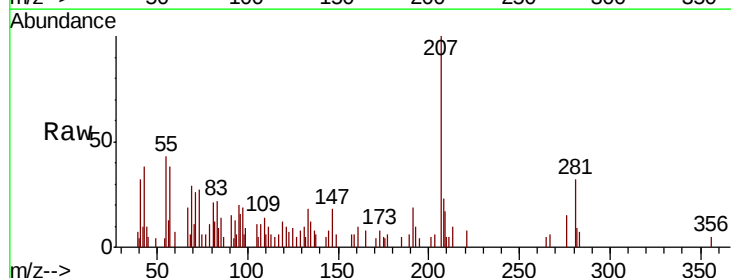
Tgt Ion: 276 Resp: 2052

Ion Ratio Lower Upper

276 100

277 0.0 19.4 29.0#

138 39.6 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

