

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135244.D
 Acq On : 14 Sep 2023 02:46
 Operator : CG\JU
 Sample : 04392-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

Quant Time: Sep 14 03:05:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	34221	20.000	ng	0.02
21) Naphthalene-d8	8.075	136	22992	20.000	ng	# 0.03
39) Acenaphthene-d10	9.804	164	2167	20.000	ng	# 0.00
64) Phenanthrene-d10	11.222	188	9498	20.000	ng	#-0.07
76) Chrysene-d12	13.974	240	181219	20.000	ng	0.03
86) Perylene-d12	15.421	264	194539	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	331787	157.691	ng	0.00
7) Phenol-d6	6.410	99	425167	158.917	ng	0.00
23) Nitrobenzene-d5	7.340	82	110746	261.689	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	44547	2068.611	ng	0.12
45) 2-Fluorobiphenyl	9.216	172	167132	1163.616	ng	0.09
79) Terphenyl-d14	12.951	244	311363	26.635	ng	0.06
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.146	42	8352	6.340	ng	# 2
6) Aniline	6.469	93	13892	3.960	ng	# 1
9) Benzaldehyde	6.310	77	416958	273.573	ng	# 1
11) bis(2-Chloroethyl)ether	6.469	93	13892	6.313	ng	# 1
15) Benzyl Alcohol	6.845	79	106084	55.257	ng	# 13
17) 2-Methylphenol	7.057	107	13923	7.024	ng	# 1
18) Hexachloroethane	7.281	117	204255	238.032	ng	# 1
19) n-Nitroso-di-n-propyla...	7.140	70	128815	77.733	ng	# 80
22) Acetophenone	7.181	105	383697	729.939	ng	# 41
24) Nitrobenzene	7.322	77	483724	1156.444	ng	# 40
25) Isophorone	7.651	82	281401	362.117	ng	# 1
26) 2-Nitrophenol	7.669	139	11686	58.210	ng	# 1
27) 2,4-Dimethylphenol	7.734	122	13316	39.461	ng	# 1
28) bis(2-Chloroethoxy)met...	7.898	93	37046	79.649	ng	# 1
29) 2,4-Dichlorophenol	8.045	162	463047	1480.889	ng	# 44
30) 1,2,4-Trichlorobenzene	8.010	180	11501	35.190	ng	# 81
31) Naphthalene	8.122	128	1050539	940.405	ng	# 69
32) Benzoic acid	7.934	122	18631	73.322	ng	# 1
33) 4-Chloroaniline	8.145	127	302611	617.416	ng	# 31
35) Caprolactam	8.475	113	30870	294.166	ng	# 1
36) 4-Chloro-3-methylphenol	8.616	107	41967	120.761	ng	# 30
37) 2-Methylnaphthalene	8.892	142	5182270	6901.233	ng	100
38) 1-Methylnaphthalene	8.892	142	5182270	7371.238	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	6011	146.237	ng	# 23
44) 2,4,5-Trichlorophenol	9.145	196	14498	306.275	ng	# 1
46) 1,1'-Biphenyl	9.334	154	711140	4270.323	ng	93
47) 2-Chloronaphthalene	9.234	162	7332	60.681	ng	# 1
48) 2-Nitroaniline	9.322	65	6945	147.951	ng	# 43
49) Acenaphthylene	9.610	152	443746	2209.815	ng	# 1
50) Dimethylphthalate	9.557	163	17524	119.609	ng	# 8
51) 2,6-Dinitrotoluene	9.610	165	7851	244.612	ng	# 1
52) Acenaphthene	9.792	154	39889	336.259	ng	# 1
53) 3-Nitroaniline	9.798	138	8037	213.324	ng	# 55
54) 2,4-Dinitrophenol	9.857	184	2645	140.076	ng	# 1
55) Dibenzofuran	9.969	168	364843	2015.475	ng	# 77
56) 4-Nitrophenol	9.916	139	63597	2656.025	ng	# 43

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 2,4-Dinitrotoluene	9.998	165	28156	700.728	ng	# 65
58) Fluorene	10.357	166	20335	146.124	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.104	232	589	16.175	ng	# 1
60) Diethylphthalate	10.239	149	8109	55.149	ng	# 4
61) 4-Chlorophenyl-phenyle...	10.286	204	152666	2283.750	ng	# 14
62) 4-Nitroaniline	10.404	138	7674	211.902	ng	# 60
63) Azobenzene	10.433	77	71433	496.392	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.351	198	1973	39.110	ng	# 1
66) n-Nitrosodiphenylamine	10.422	169	83087	288.949	ng	# 35
67) 4-Bromophenyl-phenylether	10.763	248	433	4.584	ng	# 1
69) Atrazine	10.898	200	14057	181.683	ng	# 3
70) Pentachlorophenol	11.057	266	7080	122.962	ng	# 36
71) Phenanthrene	11.175	178	45438	101.150	ng	# 1
72) Anthracene	11.175	178	45438	98.405	ng	# 1
73) Carbazole	11.463	167	113189	269.282	ng	# 38
74) Di-n-butylphthalate	11.798	149	18937	38.233	ng	# 1
75) Fluoranthene	12.451	202	130350	278.480	ng	# 1
77) Benzidine	12.645	184	9926	2.674	ng	# 1
78) Pyrene	12.780	202	80444	4.662	ng	# 22
81) Benzo(a)anthracene	13.986	228	78786	6.733	ng	# 20
83) Chrysene	13.986	228	80535	6.922	ng	# 27

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

Instrument :

BNA F

ClientSampleId :

WASTE

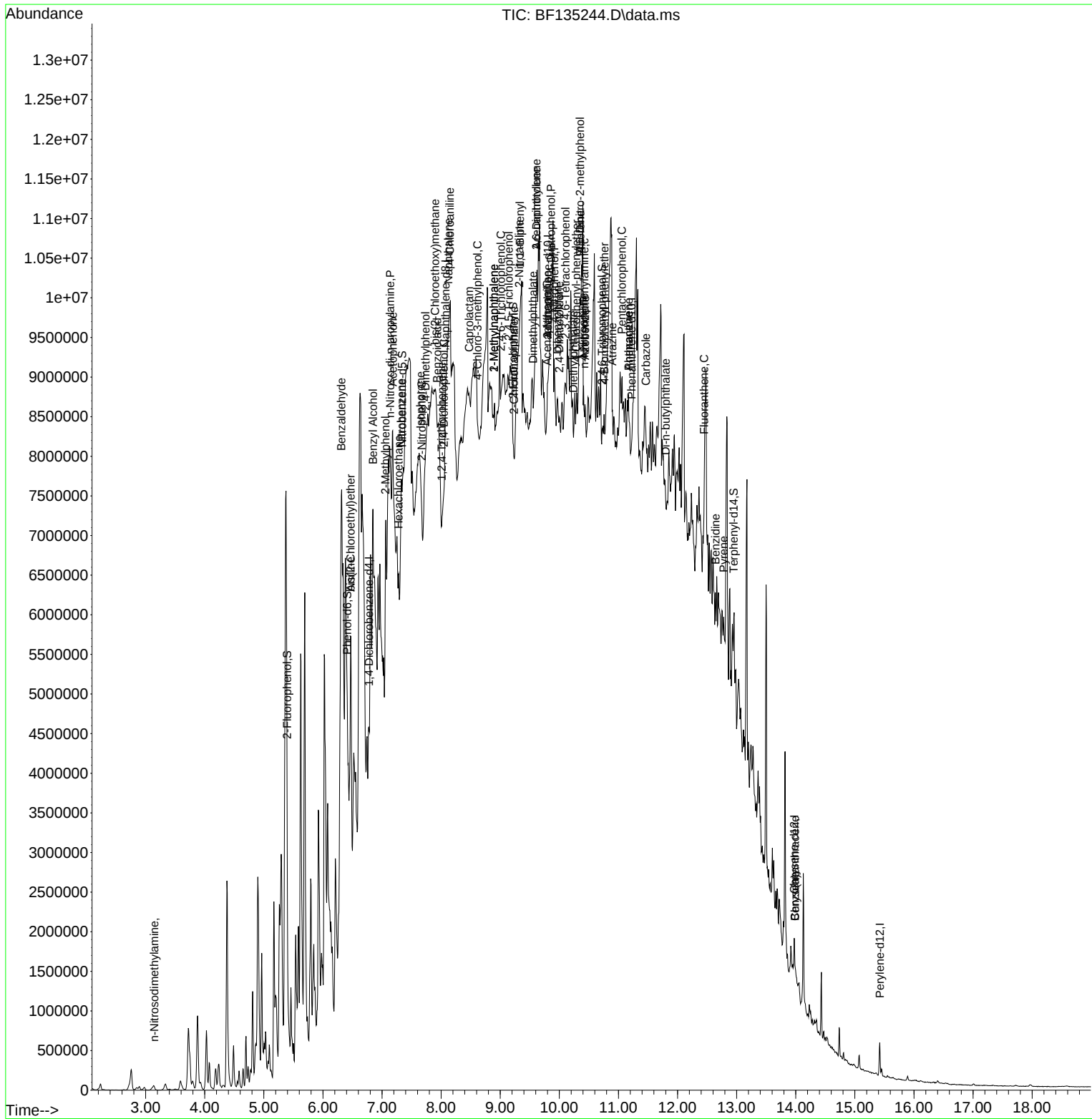
Quant Time: Sep 14 03:05:05 2023

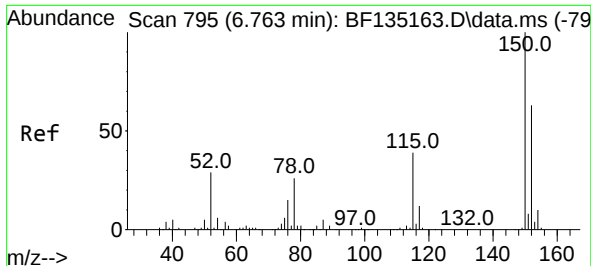
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M

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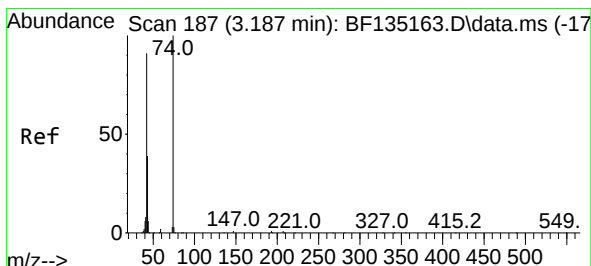
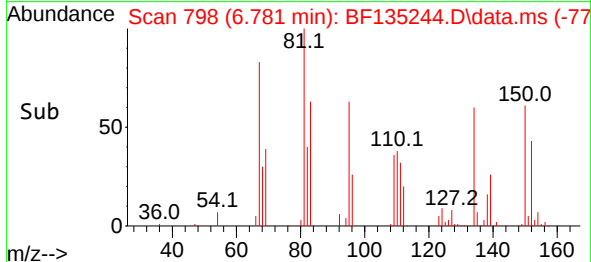
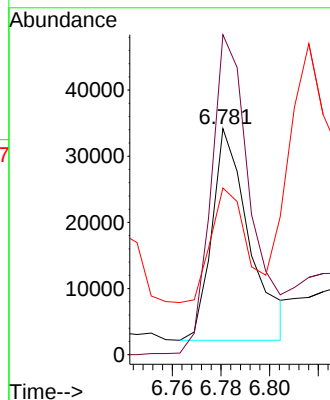
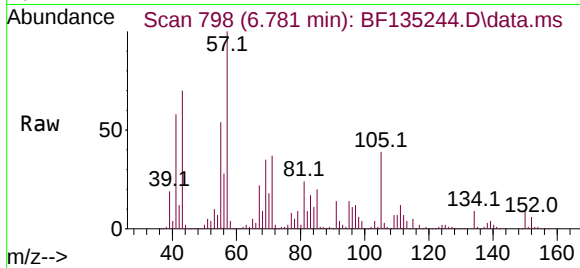




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. 0.018 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

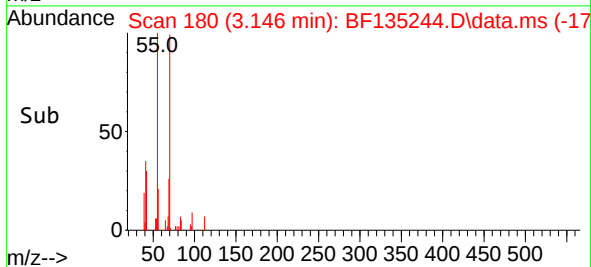
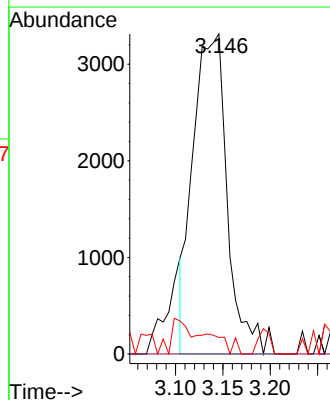
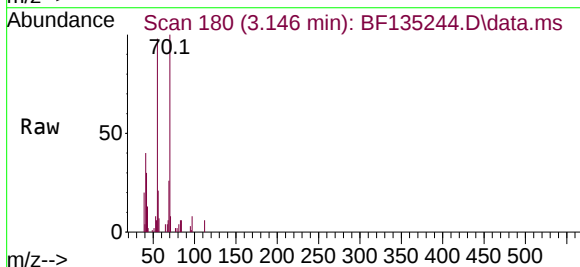
Instrument :
BNA_F
ClientSampleId :
WASTE

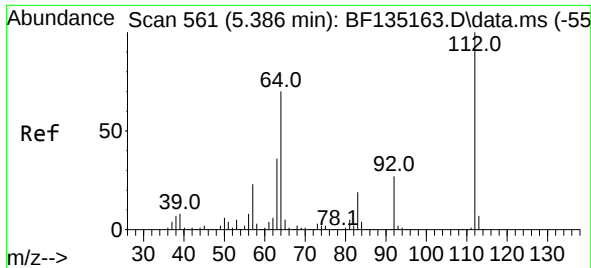
Tgt Ion:152 Resp: 34221
Ion Ratio Lower Upper
152 100
150 141.5 127.8 191.6
115 73.7 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 6.340 ng
RT: 3.146 min Scan# 180
Delta R.T. -0.041 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion: 42 Resp: 8352
Ion Ratio Lower Upper
42 100
74 0.0 87.7 131.5#
44 5.2 5.6 8.4#

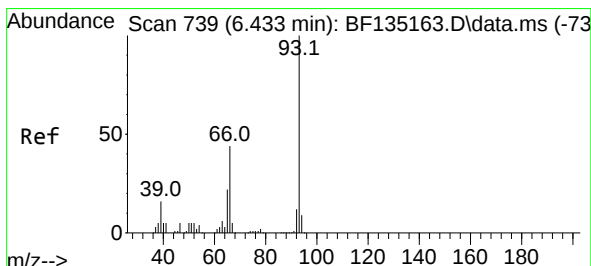
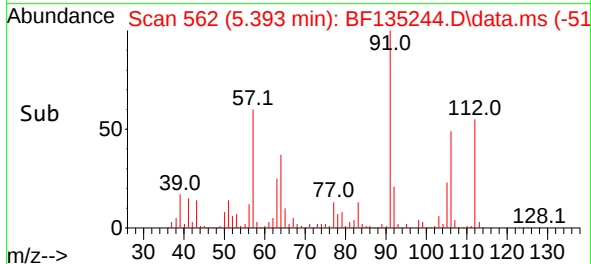
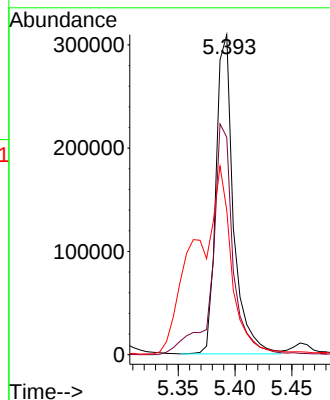
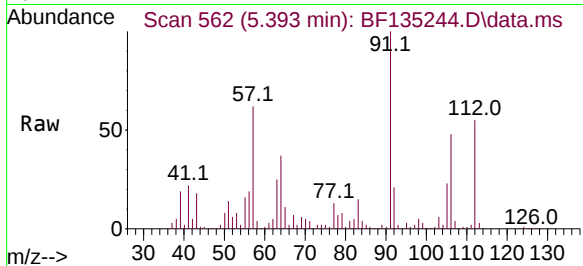




#5
2-Fluorophenol
Concen: 157.691 ng
RT: 5.393 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

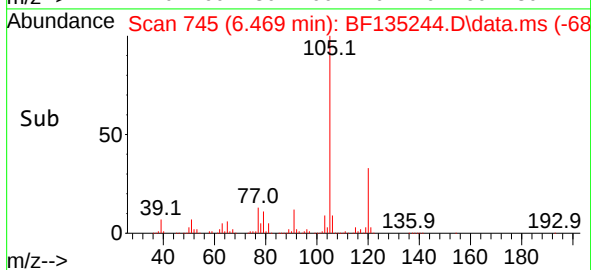
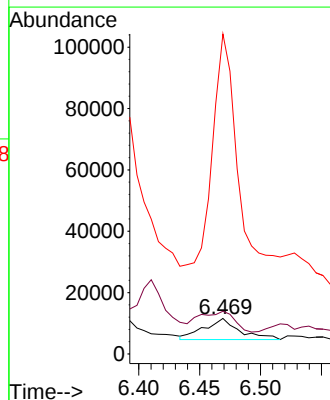
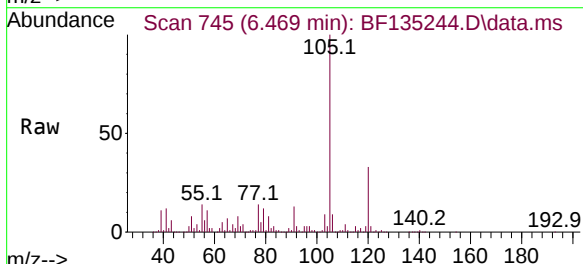
Instrument :
BNA_F
ClientSampleId :
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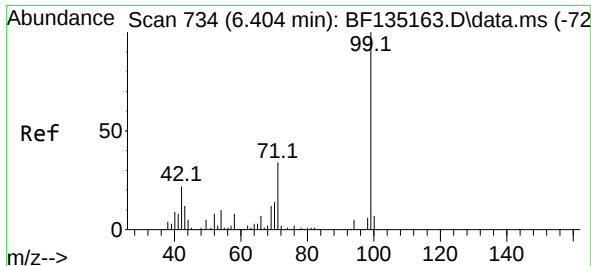
Tgt Ion:112 Resp: 331787
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 45.1 29.0 43.6#



#6
Aniline
Concen: 3.960 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.036 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion: 93 Resp: 13892
Ion Ratio Lower Upper
93 100
66 120.5 35.4 53.0#
65 901.7 17.8 26.8#





#7

Phenol-d6

Concen: 158.917 ng

RT: 6.410 min Scan# 718

Delta R.T. 0.006 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

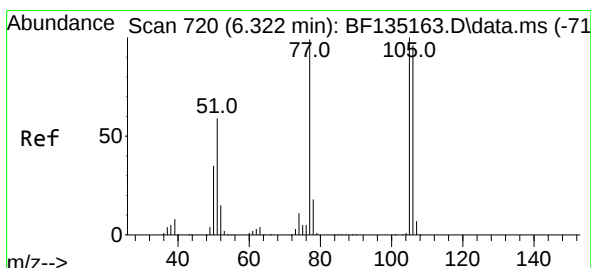
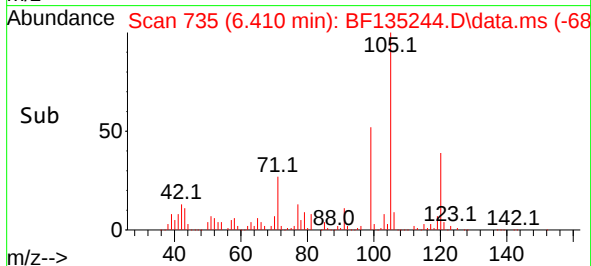
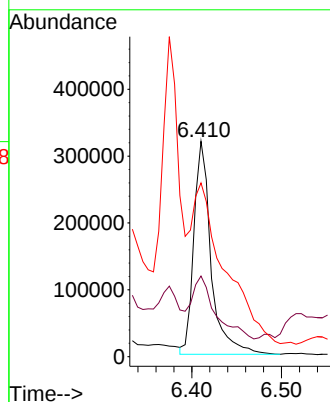
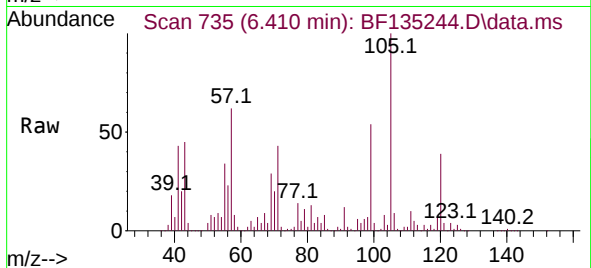
Tgt Ion: 99 Resp: 425167

Ion Ratio Lower Upper

99 100

42 37.5 17.9 26.9#

71 80.7 27.0 40.6#



#9

Benzaldehyde

Concen: 273.573 ng

RT: 6.310 min Scan# 718

Delta R.T. -0.011 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

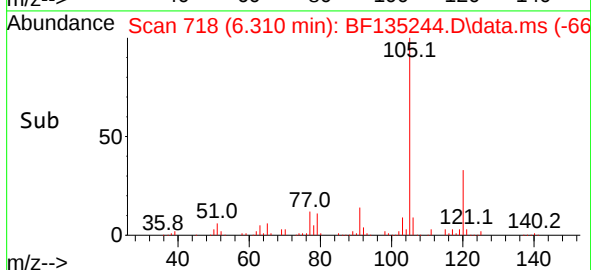
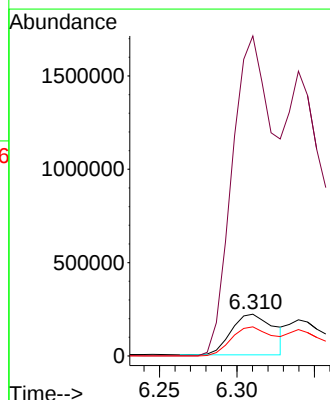
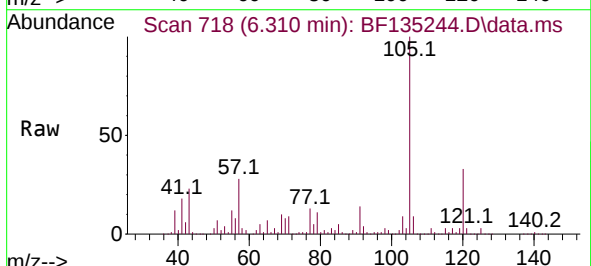
Tgt Ion: 77 Resp: 416958

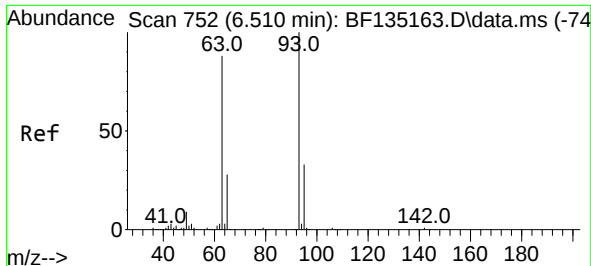
Ion Ratio Lower Upper

77 100

105 765.0 81.4 121.4#

106 69.5 76.9 116.9#

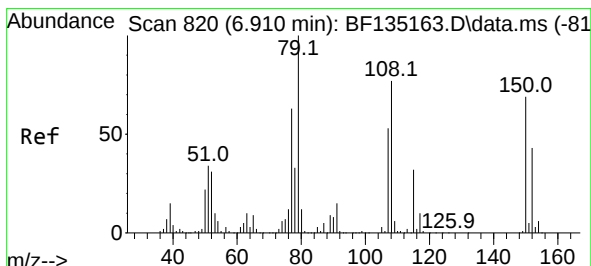
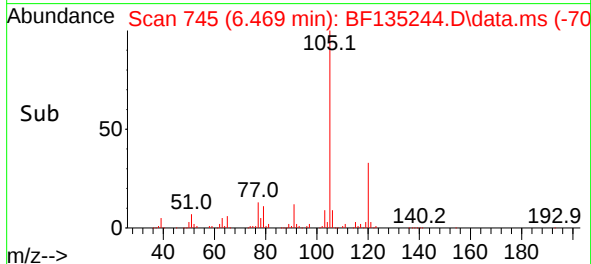
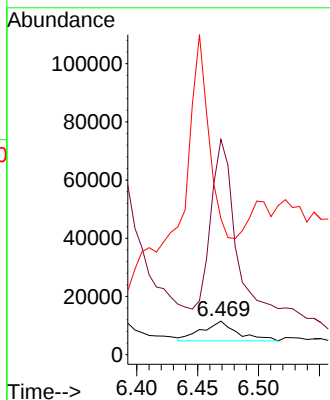
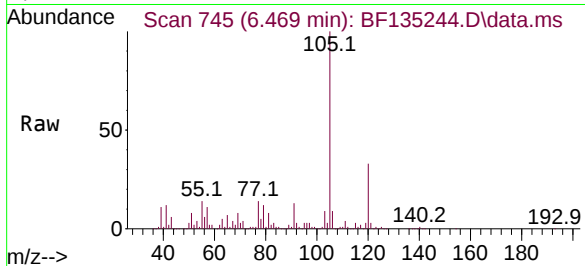




#11
bis(2-Chloroethyl)ether
Concen: 6.313 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.041 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

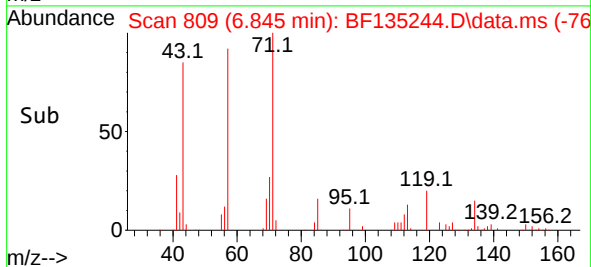
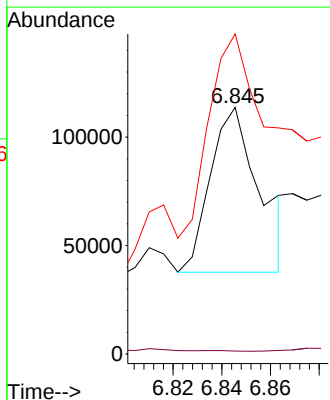
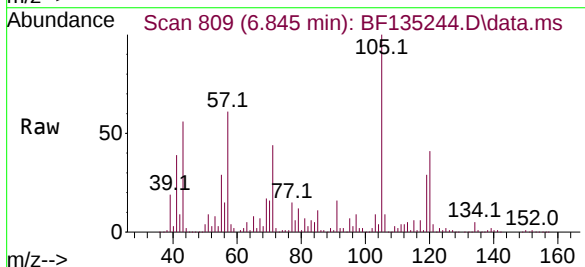
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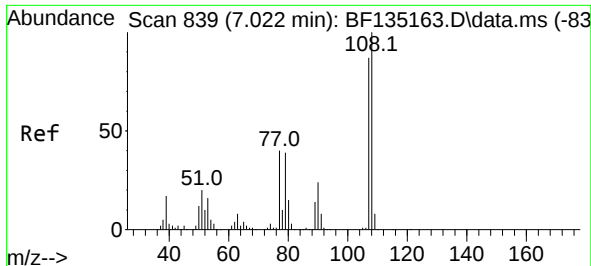
Tgt Ion: 93 Resp: 13892
Ion Ratio Lower Upper
93 100
63 639.1 67.3 107.3#
95 404.0 12.7 52.7#



#15
Benzyl Alcohol
Concen: 55.257 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.064 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion: 79 Resp: 106084
Ion Ratio Lower Upper
79 100
108 1.2 61.2 91.8#
77 129.8 50.5 75.7#

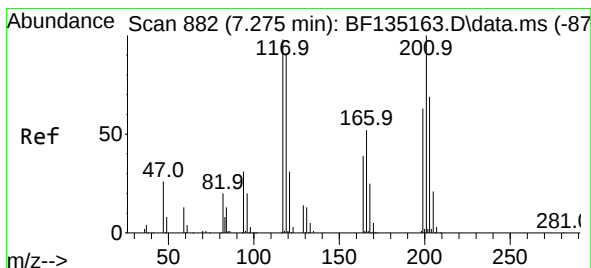
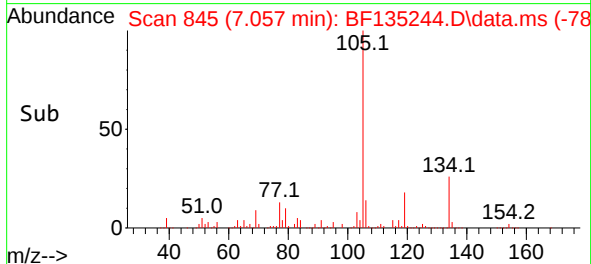
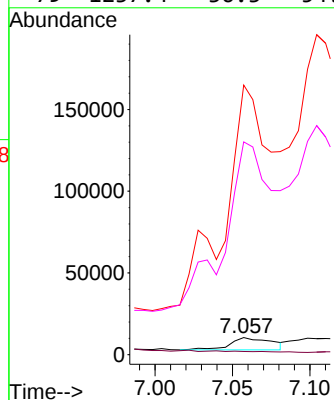
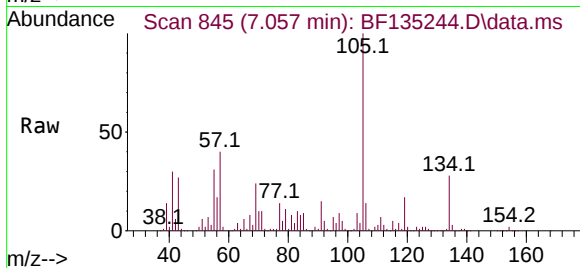




#17
2-Methylphenol
Concen: 7.024 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.036 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

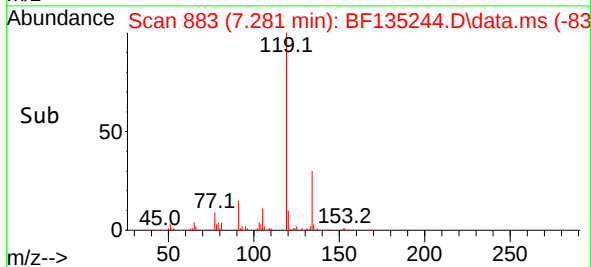
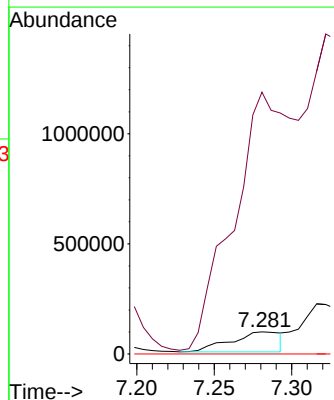
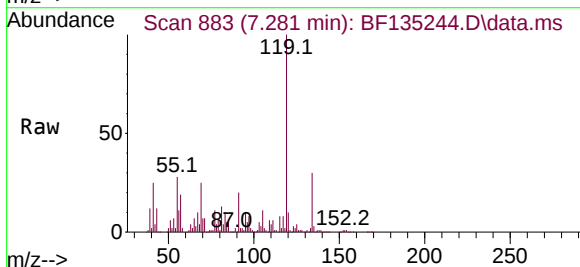
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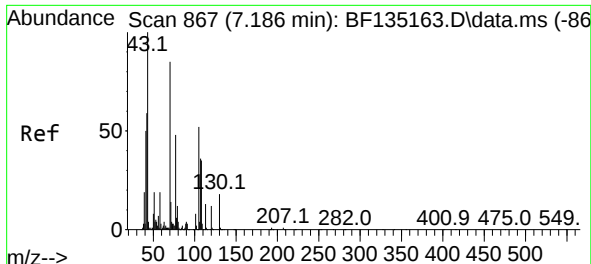
Tgt Ion:107 Resp: 13923
Ion Ratio Lower Upper
107 100
108 19.0 92.0 138.0#
77 1567.3 36.7 55.1#
79 1237.4 36.3 54.5#



#18
Hexachloroethane
Concen: 238.032 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:117 Resp: 204255
Ion Ratio Lower Upper
117 100
119 1182.9 74.7 112.1#
201 0.0 81.8 122.8#

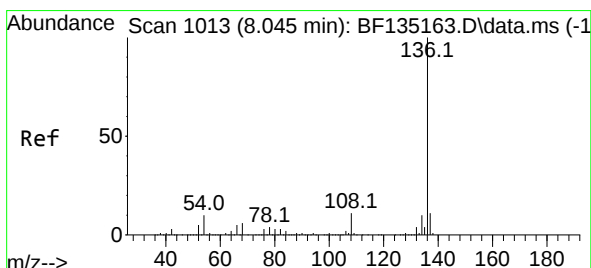
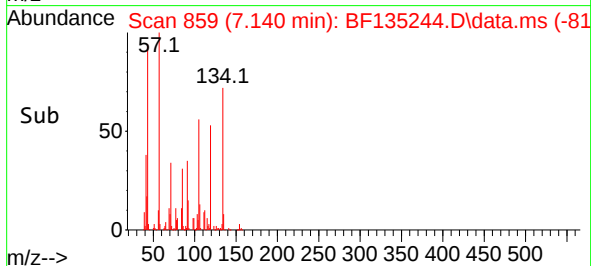
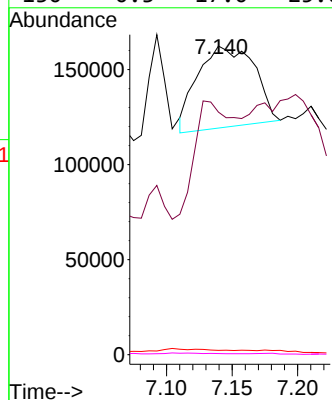
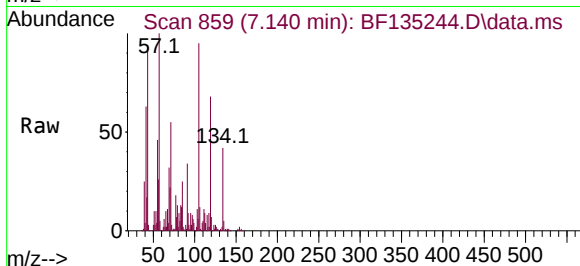




#19
n-Nitroso-di-n-propylamine
Concen: 77.733 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.047 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

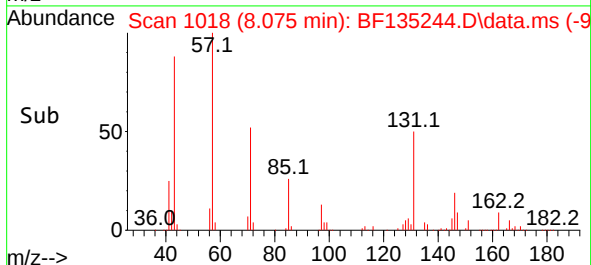
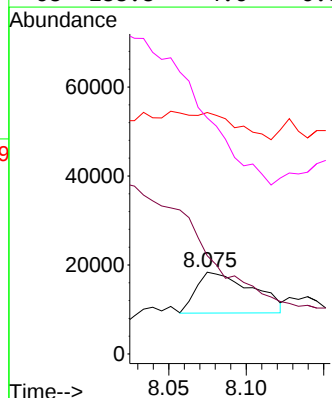
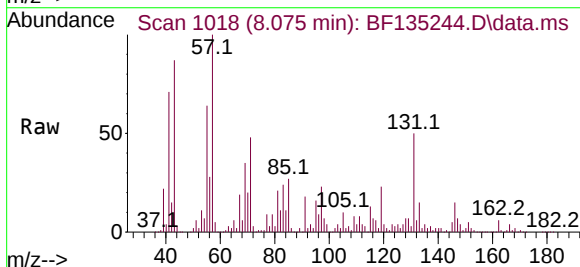
Instrument :
BNA_F
ClientSampleId :
WASTE

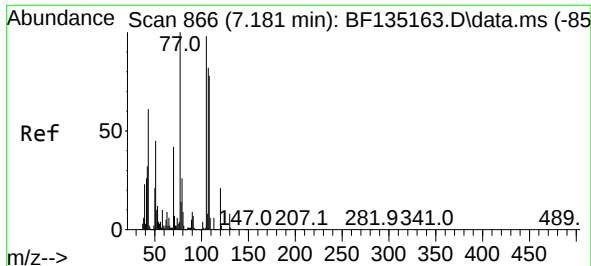
Tgt Ion: 70 Resp: 128815
Ion Ratio Lower Upper
70 100
42 78.6 55.4 83.0
101 1.4 7.7 11.5#
130 0.3 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.030 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:136 Resp: 22992
Ion Ratio Lower Upper
136 100
137 120.3 8.8 13.2#
54 295.6 7.7 11.5#
68 288.8 4.6 6.8#

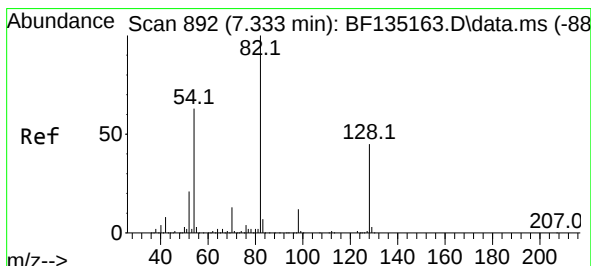
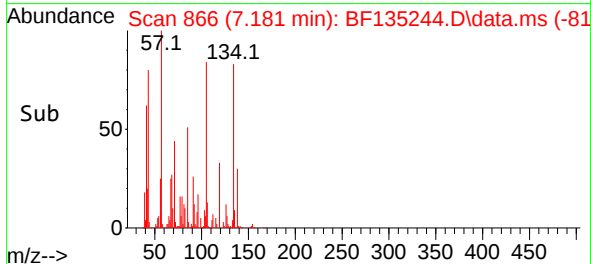
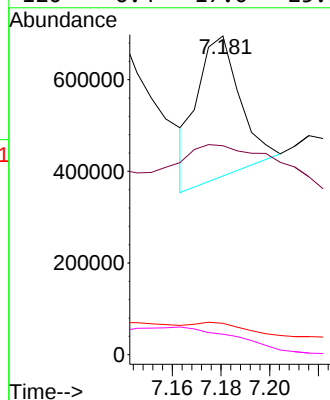
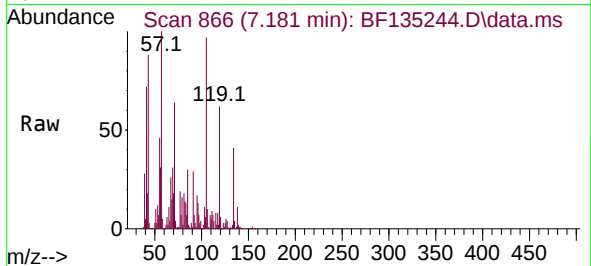




#22
Acetophenone
Concen: 729.939 ng
RT: 7.181 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

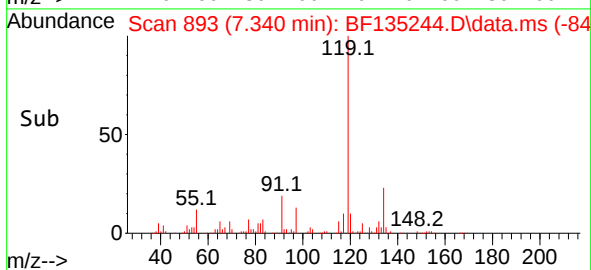
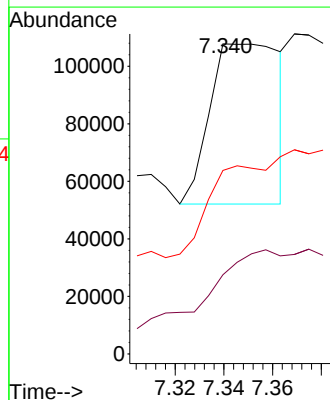
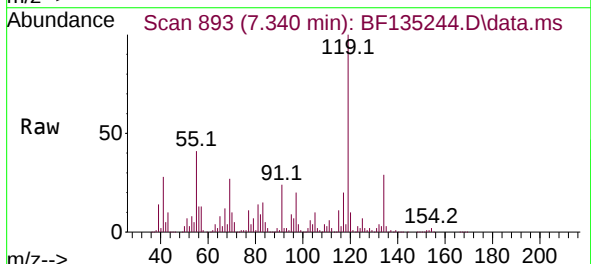
Instrument :
BNA_F
ClientSampleId :
WASTE

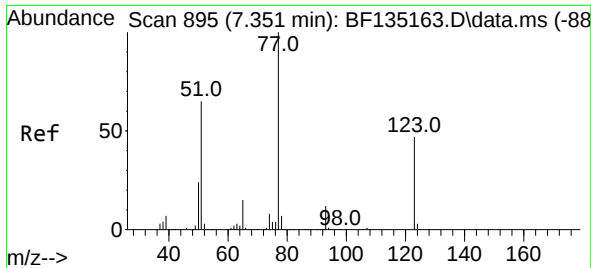
Tgt Ion:105 Resp: 383697
Ion Ratio Lower Upper
105 100
71 65.6 5.8 8.6#
51 9.8 37.0 55.4#
120 6.4 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 261.689 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion: 82 Resp: 110746
Ion Ratio Lower Upper
82 100
128 25.5 35.8 53.6#
54 59.2 50.6 76.0

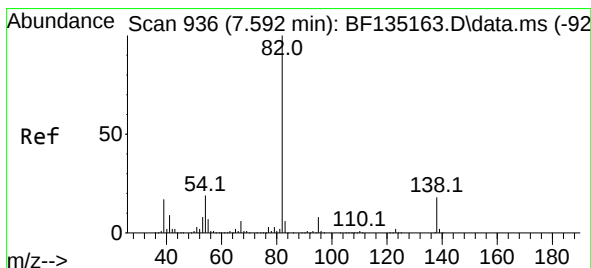
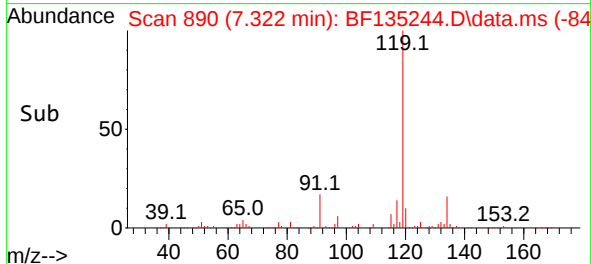
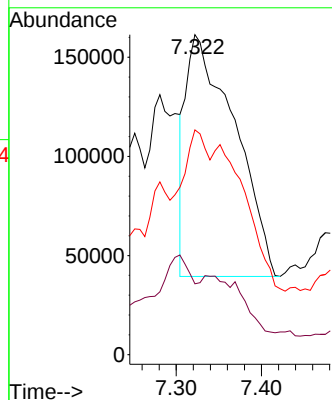
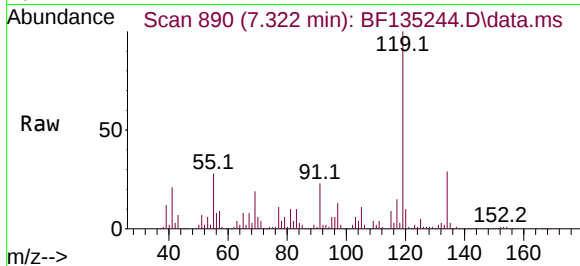




#24
Nitrobenzene
Concen: 1156.444 ng
RT: 7.322 min Scan# 895
Delta R.T. -0.029 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

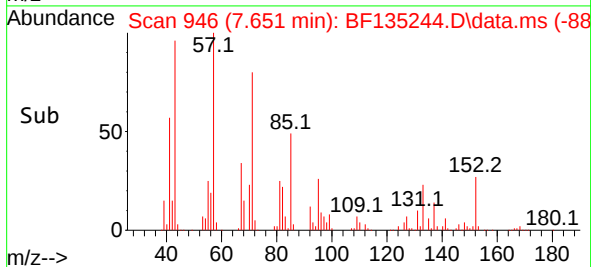
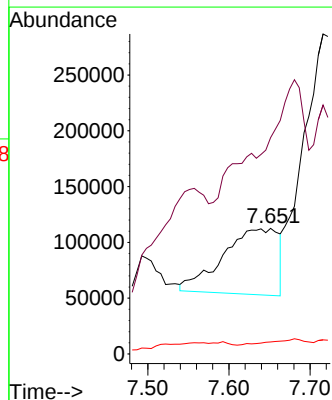
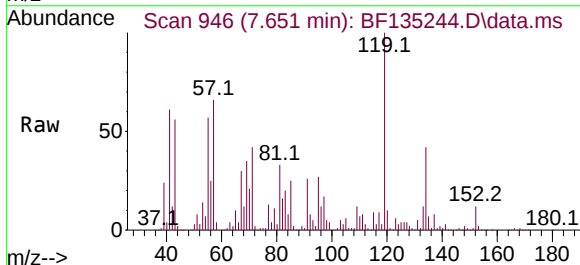
Instrument :
BNA_F
ClientSampleId :
WASTE

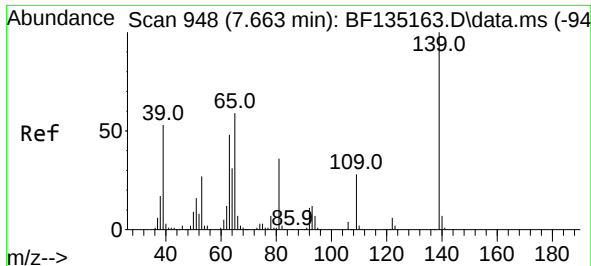
Tgt Ion: 77 Resp: 483724
Ion Ratio Lower Upper
77 100
123 22.2 37.6 56.4#
65 70.3 12.2 18.4#



#25
Isophorone
Concen: 362.117 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.059 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion: 82 Resp: 281401
Ion Ratio Lower Upper
82 100
95 172.2 6.0 9.0#
138 9.6 14.5 21.7#

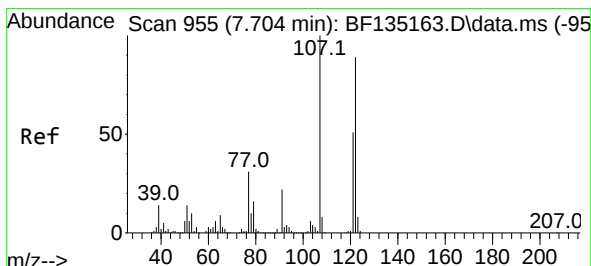
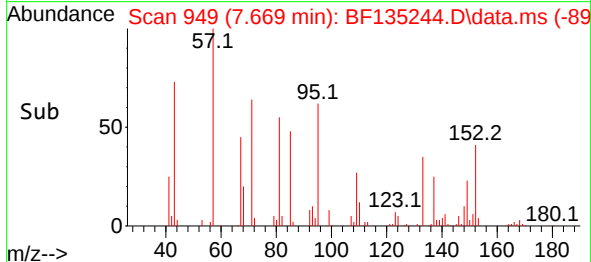
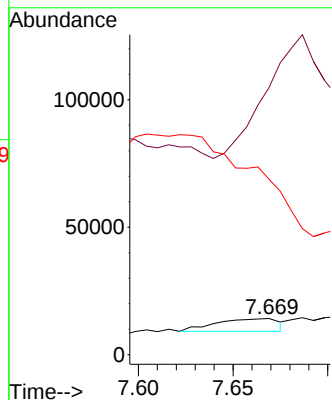
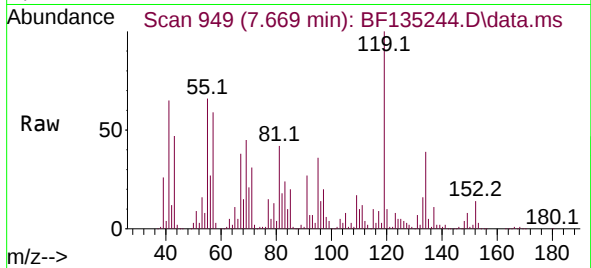




#26
2-Nitrophenol
Concen: 58.210 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

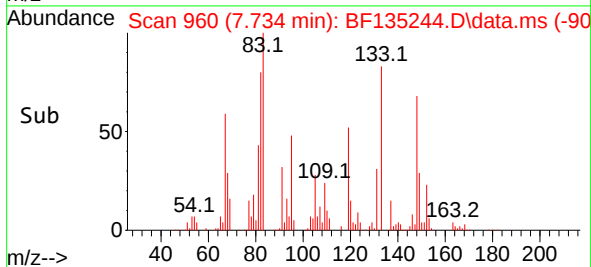
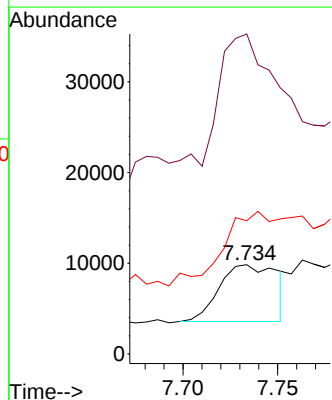
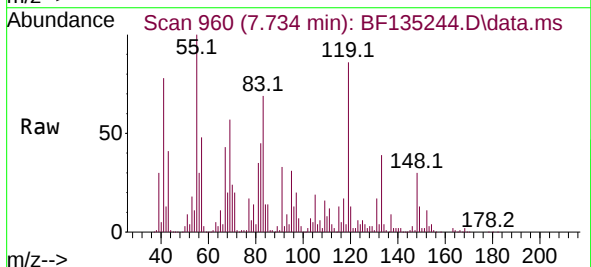
Instrument :
BNA_F
ClientSampleId :
WASTE

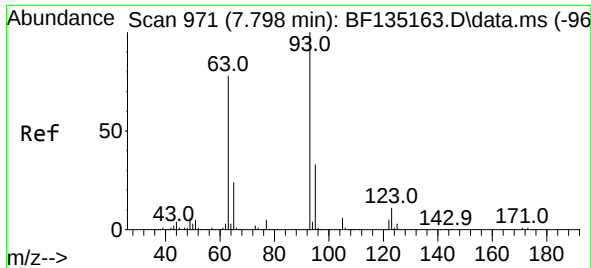
Tgt Ion:139 Resp: 11686
Ion Ratio Lower Upper
139 100
109 738.3 22.6 33.8#
65 485.3 47.0 70.4#



#27
2,4-Dimethylphenol
Concen: 39.461 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.030 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:122 Resp: 13316
Ion Ratio Lower Upper
122 100
107 358.6 90.2 135.4#
121 149.3 46.3 69.5#

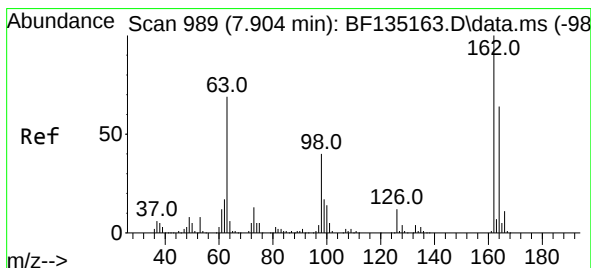
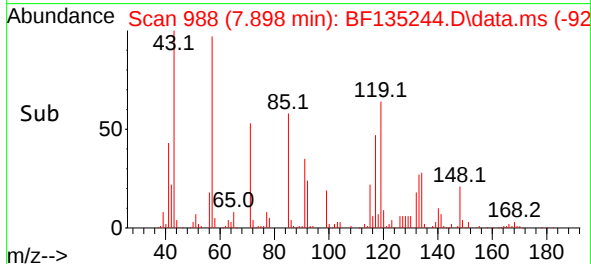
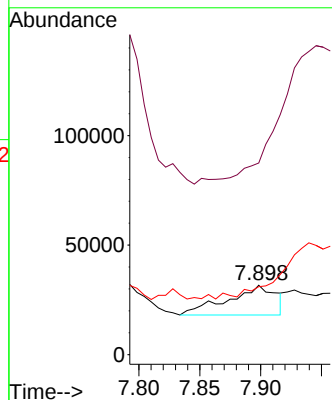
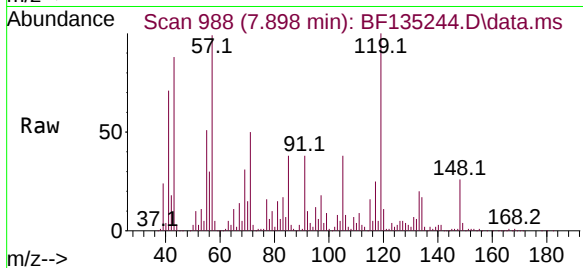




#28
bis(2-Chloroethoxy)methane
Concen: 79.649 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.100 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

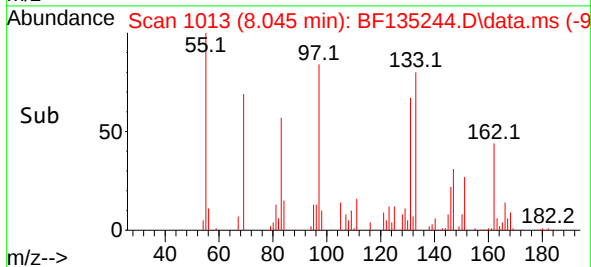
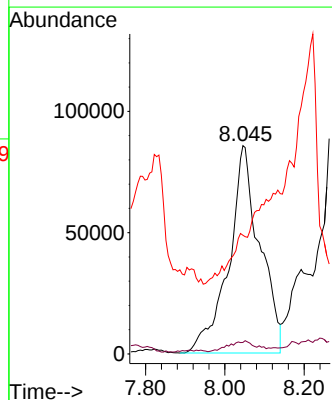
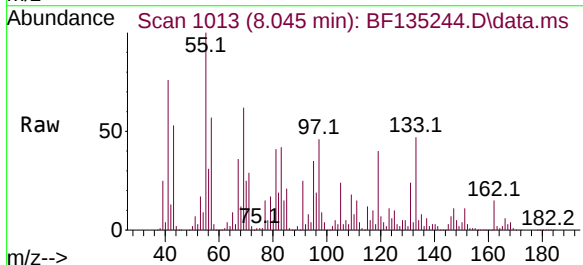
Instrument :
BNA_F
ClientSampleId :
WASTE

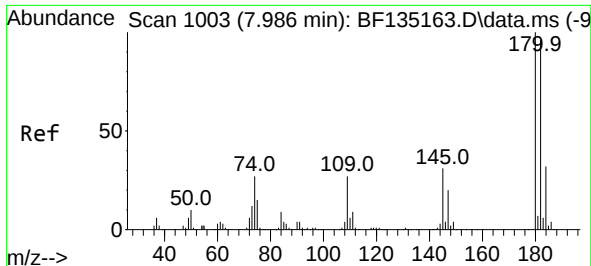
Tgt Ion: 93 Resp: 37046
Ion Ratio Lower Upper
93 100
95 276.3 26.2 39.2#
123 97.9 8.8 13.2#



#29
2,4-Dichlorophenol
Concen: 1480.889 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.141 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:162 Resp: 463047
Ion Ratio Lower Upper
162 100
164 5.5 44.1 84.1#
98 57.0 20.3 60.3





#30

1,2,4-Trichlorobenzene

Concen: 35.190 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.024 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

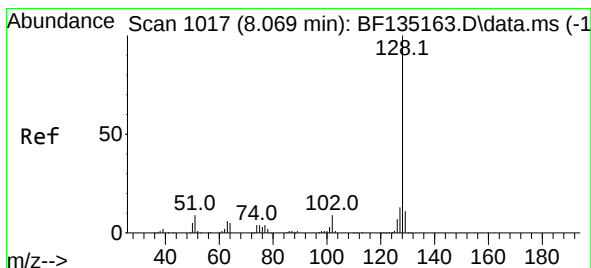
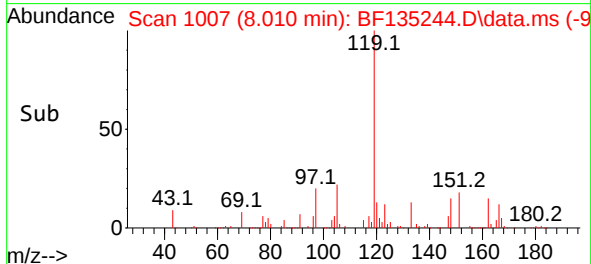
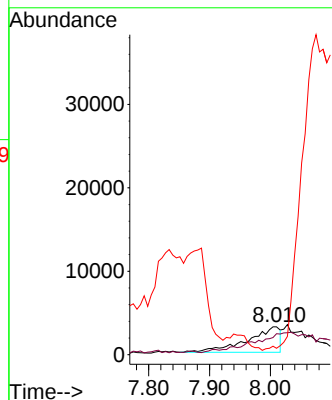
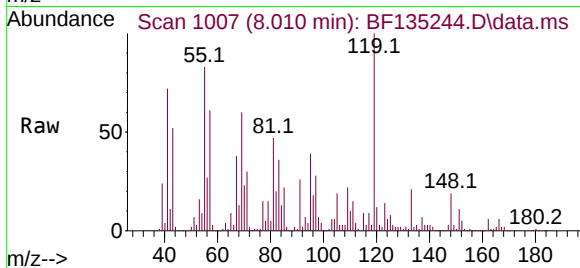
Tgt Ion:180 Resp: 11501

Ion Ratio Lower Upper

180 100

182 75.3 76.9 115.3#

145 23.3 24.5 36.7#



#31

Naphthalene

Concen: 940.405 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.053 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

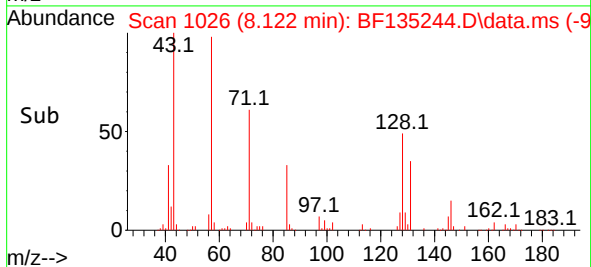
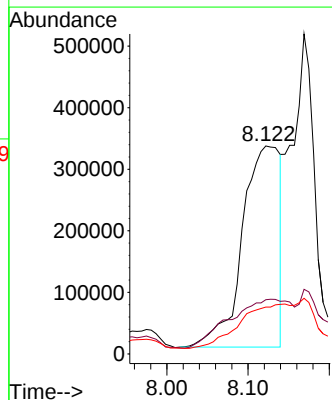
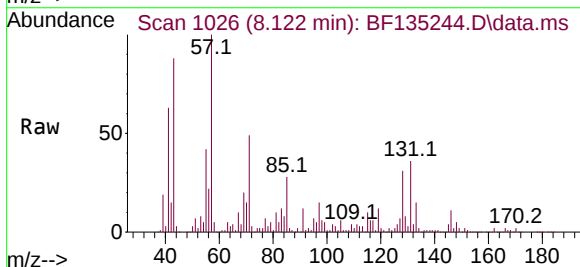
Tgt Ion:128 Resp: 1050539

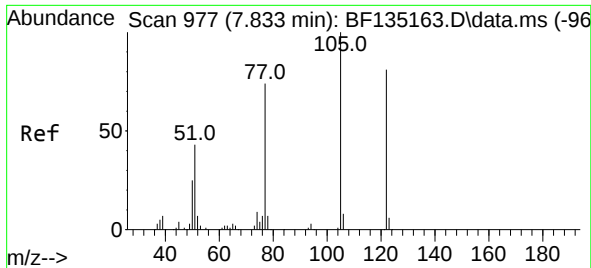
Ion Ratio Lower Upper

128 100

129 26.1 8.7 13.1#

127 22.6 10.7 16.1#





#32

Benzoic acid

Concen: 73.322 ng

RT: 7.934 min Scan# 91

Delta R.T. 0.100 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

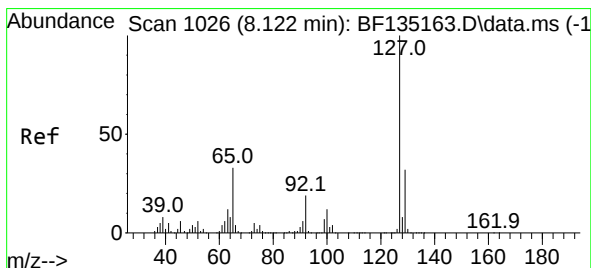
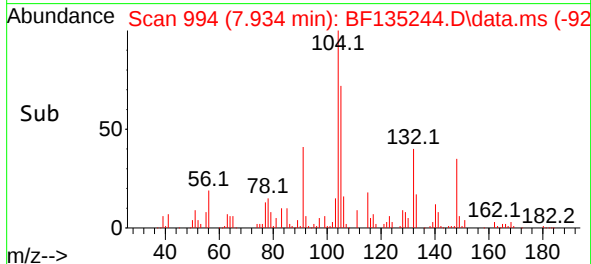
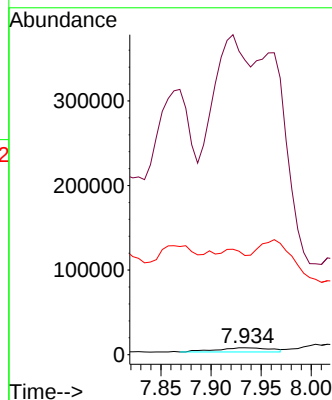
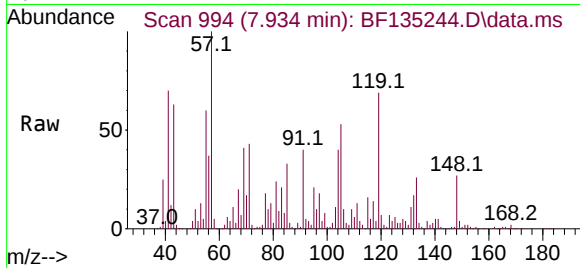
Tgt Ion:122 Resp: 18631

Ion Ratio Lower Upper

122 100

105 4249.5 99.9 139.9#

77 1429.8 70.0 110.0#



#33

4-Chloroaniline

Concen: 617.416 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.024 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Tgt Ion:127 Resp: 302611

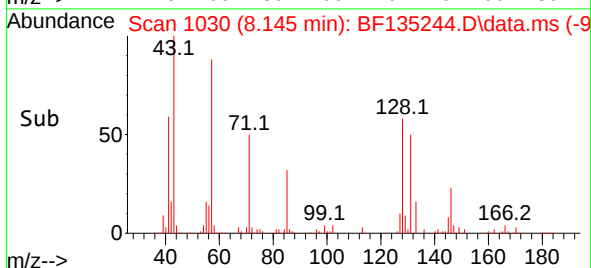
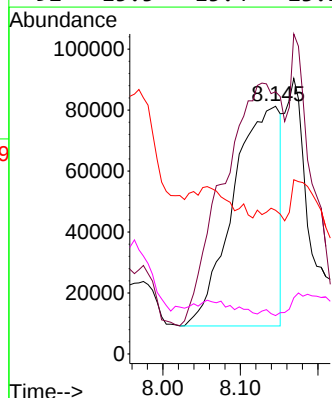
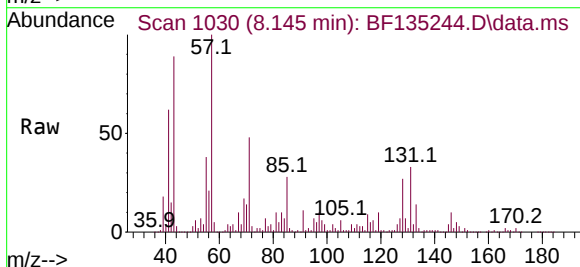
Ion Ratio Lower Upper

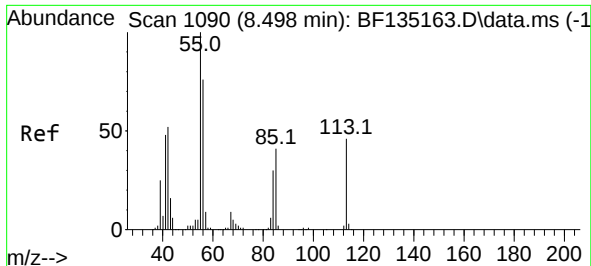
127 100

129 105.9 25.8 38.8#

65 58.0 26.6 39.8#

92 15.5 15.4 23.2





#35

Caprolactam

Concen: 294.166 ng

RT: 8.475 min Scan# 1108

Delta R.T. -0.023 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

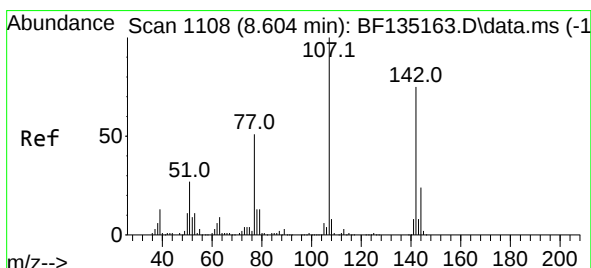
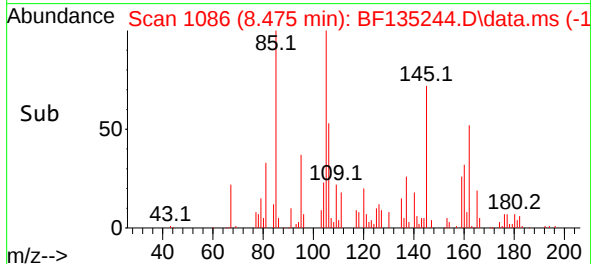
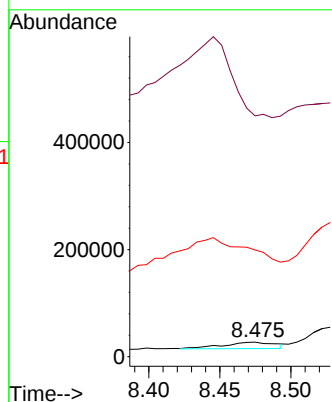
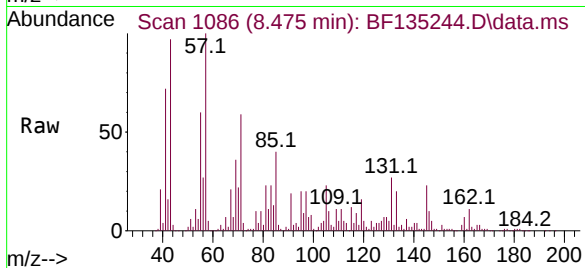
Tgt Ion:113 Resp: 30870

Ion Ratio Lower Upper

113 100

55 1653.2 199.3 239.3#

56 732.9 146.3 186.3#



#36

4-Chloro-3-methylphenol

Concen: 120.761 ng

RT: 8.616 min Scan# 1110

Delta R.T. 0.012 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

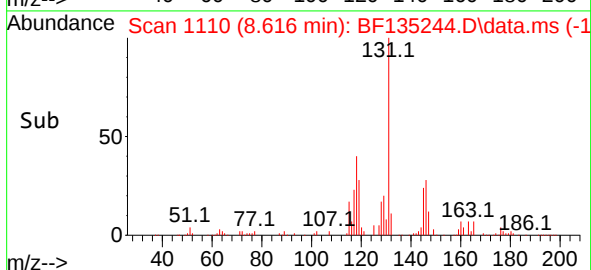
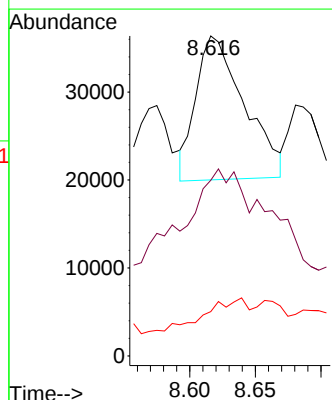
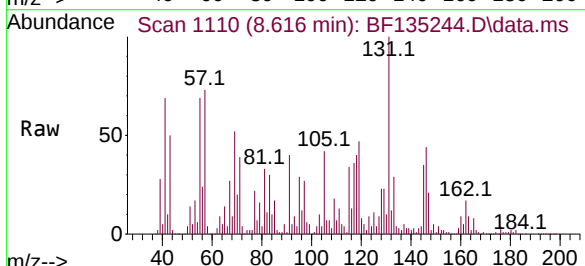
Tgt Ion:107 Resp: 41967

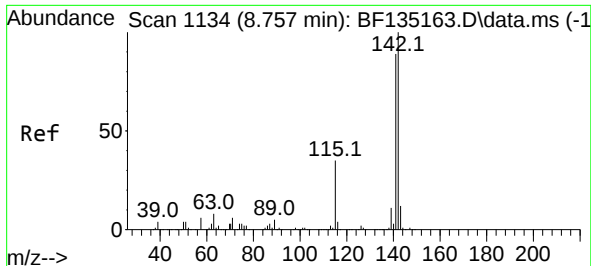
Ion Ratio Lower Upper

107 100

144 54.9 19.0 28.4#

142 13.9 60.2 90.2#





#37

2-Methylnaphthalene

Concen: 6901.233 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.136 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

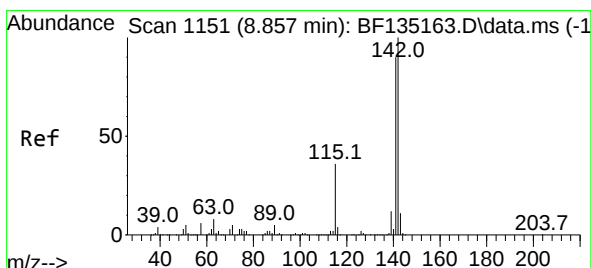
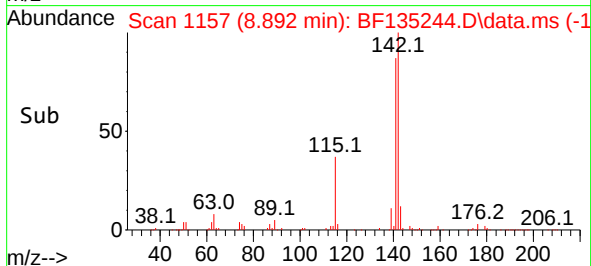
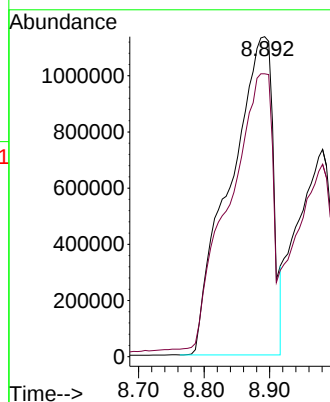
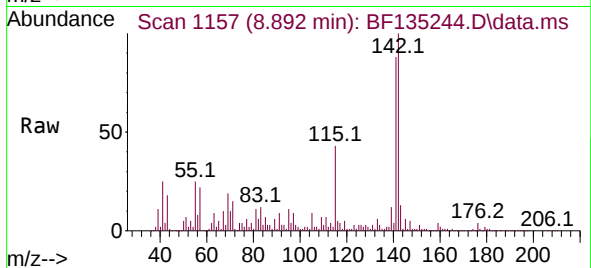
WASTE

Tgt Ion:142 Resp: 5182270

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 7371.238 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.036 min

Lab File: BF135244.D

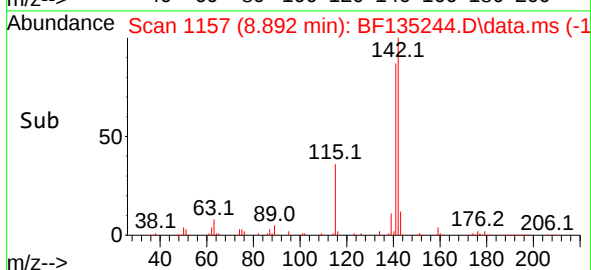
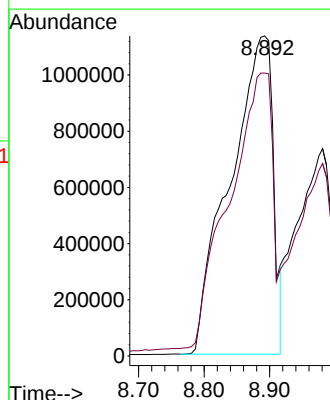
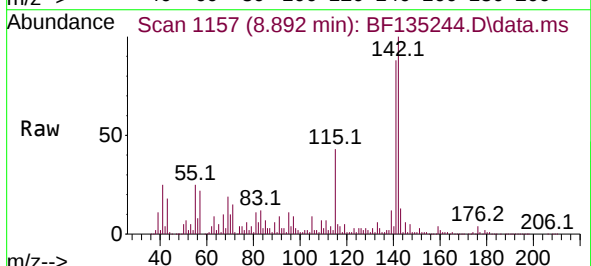
Acq: 14 Sep 2023 02:46

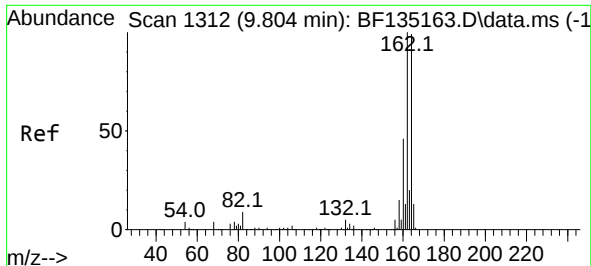
Tgt Ion:142 Resp: 5182270

Ion Ratio Lower Upper

142 100

141 88.4 72.4 108.6

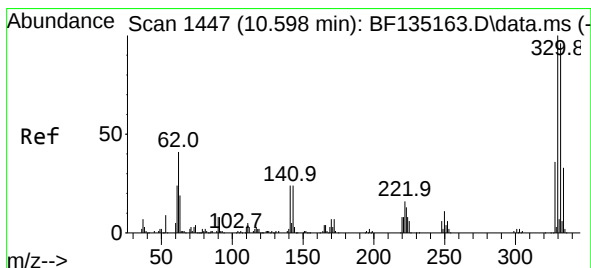
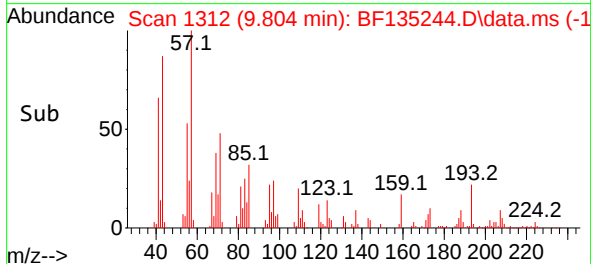
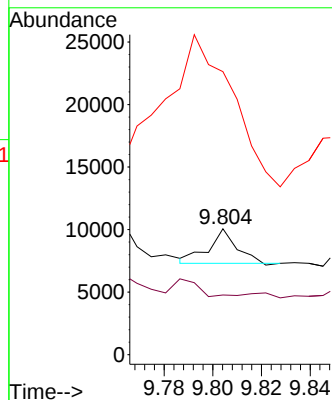
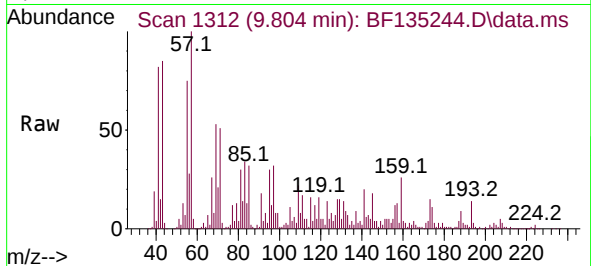




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

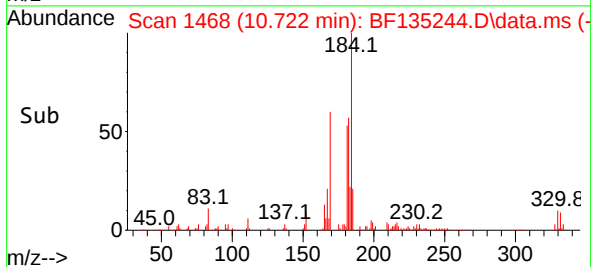
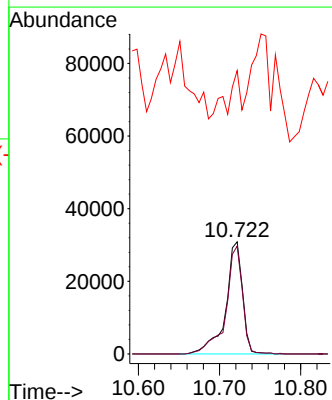
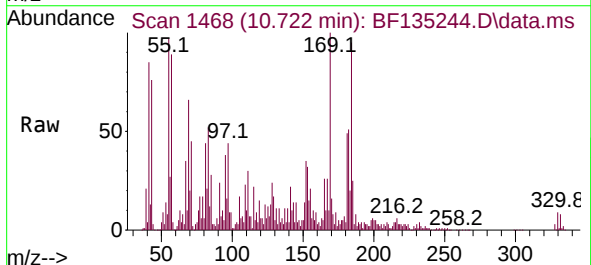
Instrument :
BNA_F
ClientSampleId :
WASTE

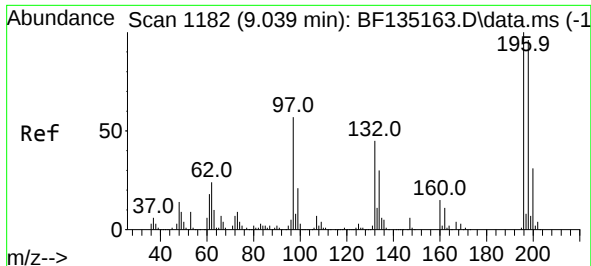
Tgt Ion:164 Resp: 2167
Ion Ratio Lower Upper
164 100
162 47.3 81.0 121.4#
160 224.6 37.0 55.4#



#42
2,4,6-Tribromophenol
Concen: 2068.611 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.124 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:330 Resp: 44547
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 25.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 146.237 ng

RT: 9.010 min Scan# 11

Delta R.T. -0.029 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

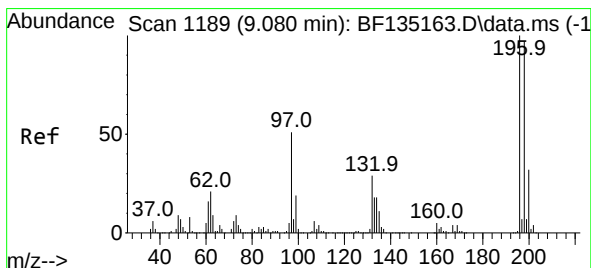
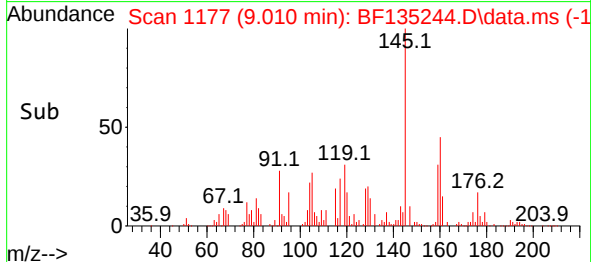
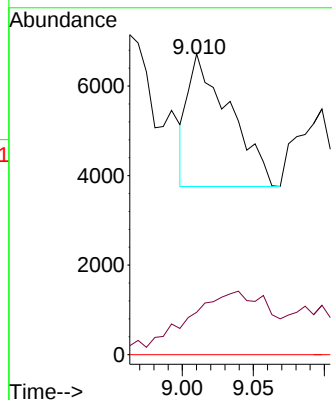
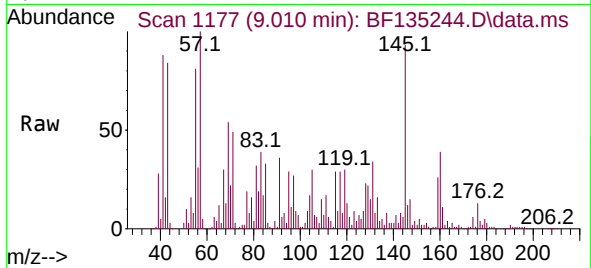
Tgt Ion:196 Resp: 6011

Ion Ratio Lower Upper

196 100

198 14.1 77.0 115.6#

200 0.0 24.5 36.7#



#44

2,4,5-Trichlorophenol

Concen: 306.275 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.065 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Tgt Ion:196 Resp: 14498

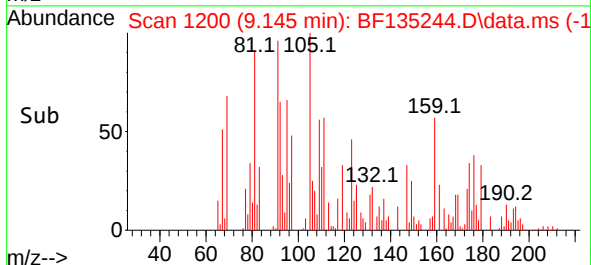
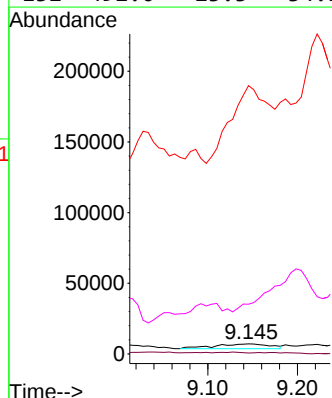
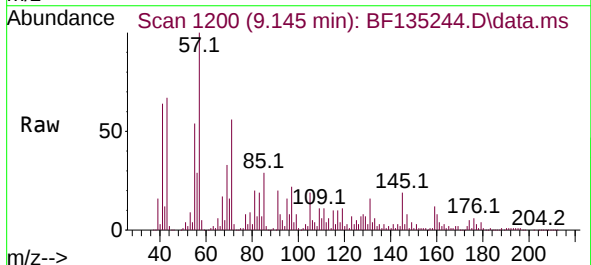
Ion Ratio Lower Upper

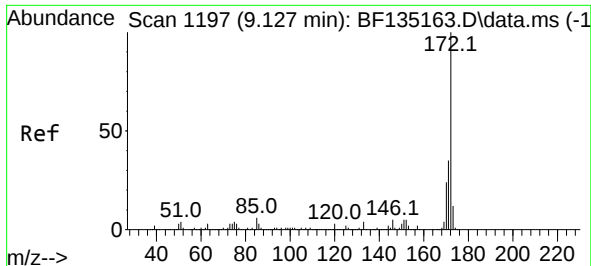
196 100

198 10.2 77.5 116.3#

97 2649.8 40.5 60.7#

132 492.0 23.3 34.9#





#45

2-Fluorobiphenyl

Concen: 1163.616 ng

RT: 9.216 min Scan# 1197

Delta R.T. 0.088 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

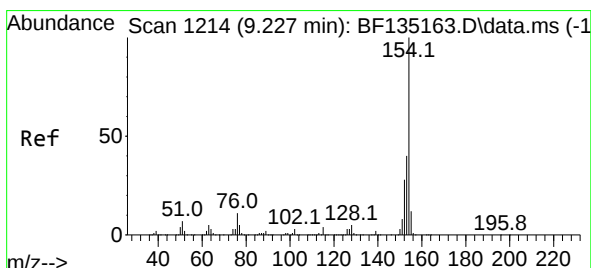
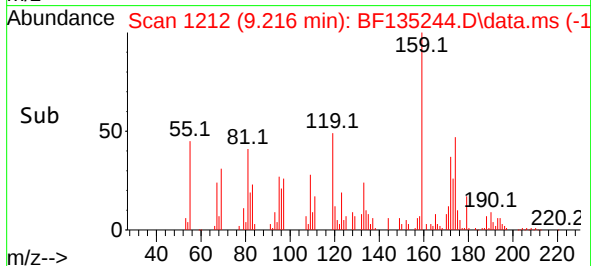
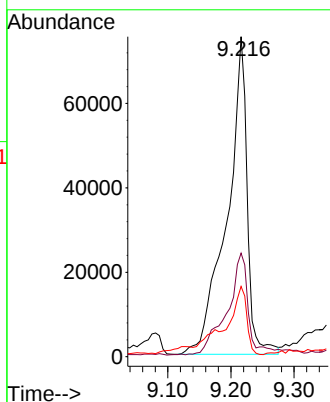
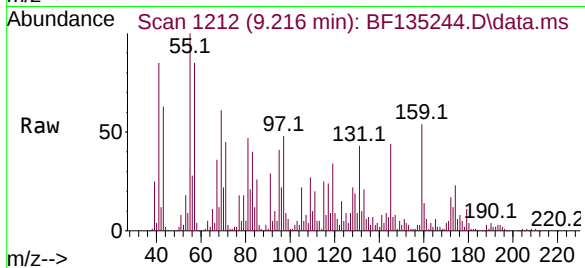
Tgt Ion:172 Resp: 167132

Ion Ratio Lower Upper

172 100

171 32.3 28.4 42.6

170 22.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 4270.323 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.106 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

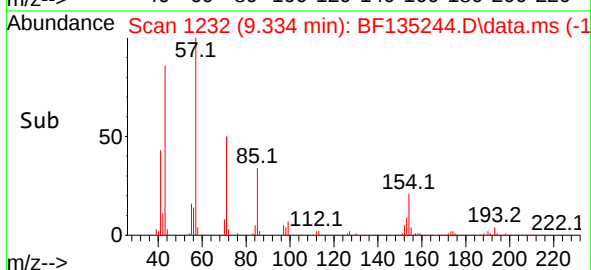
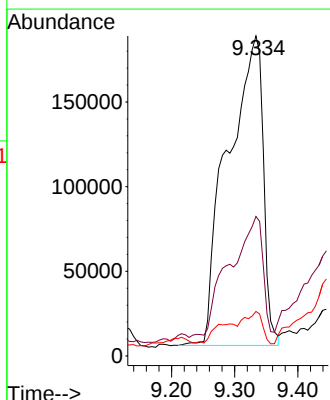
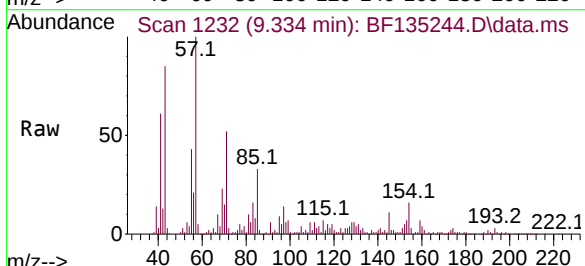
Tgt Ion:154 Resp: 711140

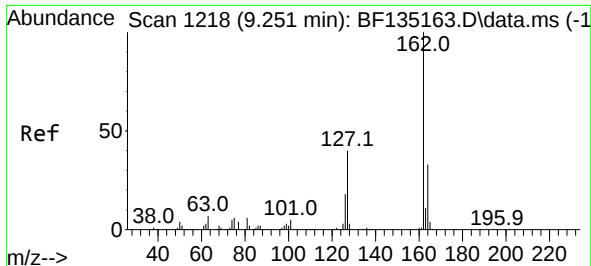
Ion Ratio Lower Upper

154 100

153 43.6 19.6 59.6

76 13.9 0.0 31.0

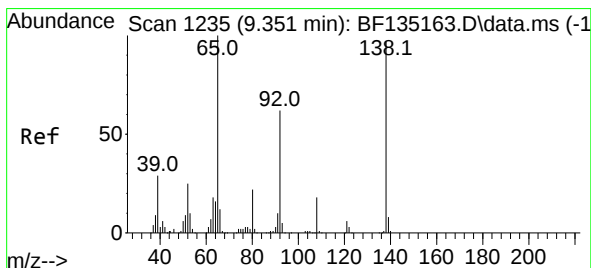
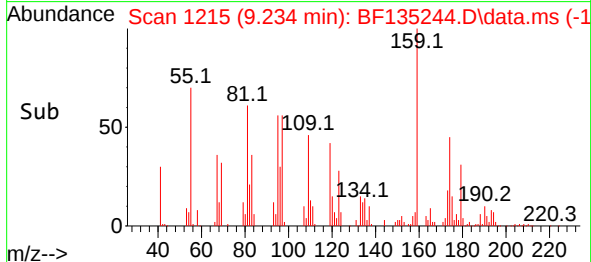
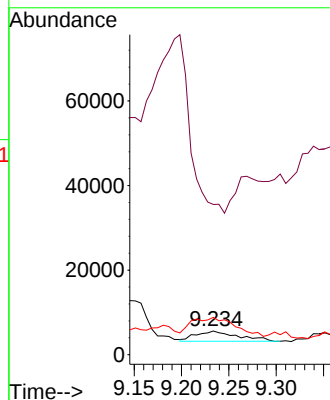
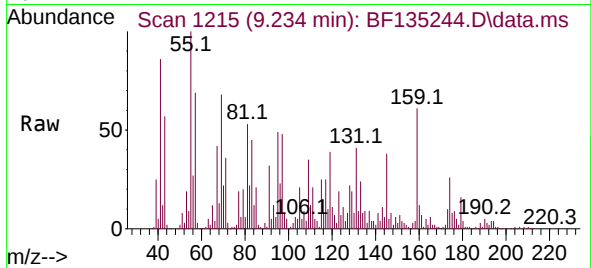




#47
2-Chloronaphthalene
Concen: 60.681 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

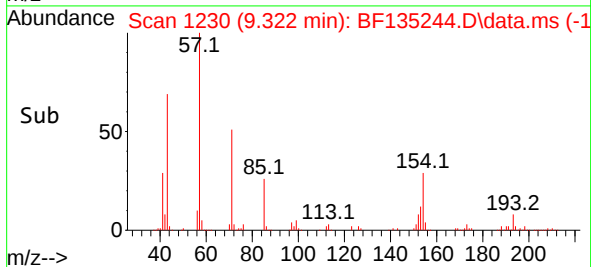
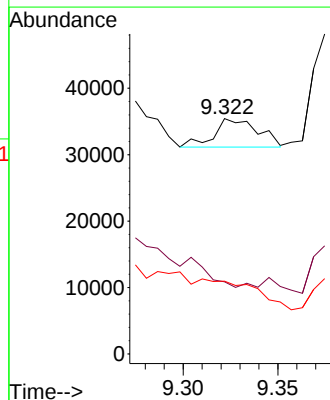
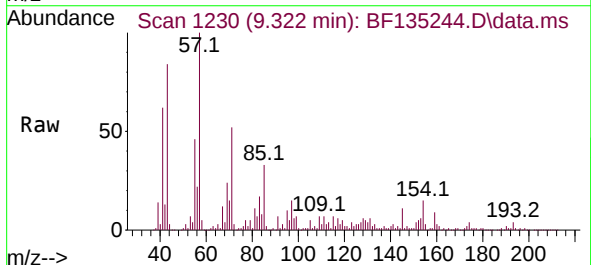
Instrument :
BNA_F
ClientSampleId :
WASTE

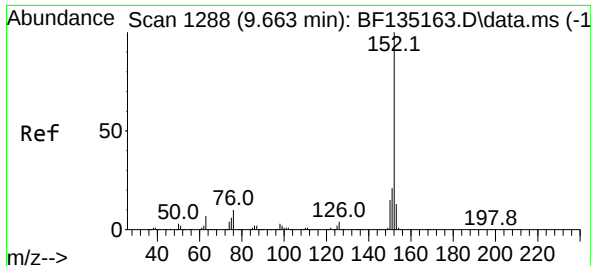
Tgt Ion:162 Resp: 7332
Ion Ratio Lower Upper
162 100
127 635.4 32.6 48.8#
164 157.7 26.2 39.2#



#48
2-Nitroaniline
Concen: 147.951 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.029 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion: 65 Resp: 6945
Ion Ratio Lower Upper
65 100
92 30.6 49.4 74.0#
138 31.0 77.4 116.0#





#49

Acenaphthylene

Concen: 2209.815 ng

RT: 9.610 min Scan# 1

Delta R.T. -0.053 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

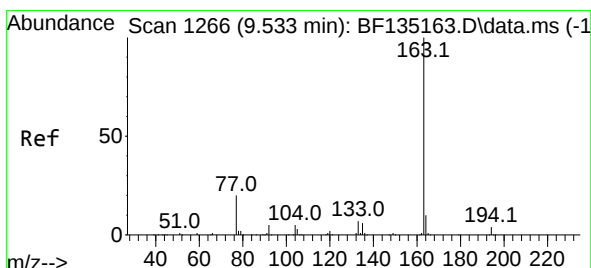
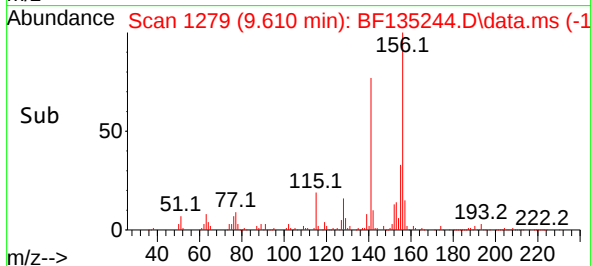
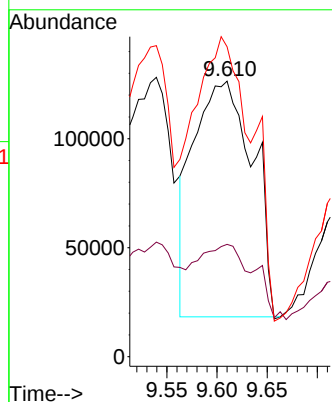
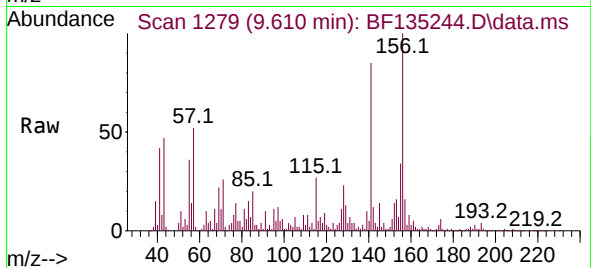
Tgt Ion:152 Resp: 443746

Ion Ratio Lower Upper

152 100

151 40.8 16.4 24.6#

153 112.5 10.4 15.6#



#50

Dimethylphthalate

Concen: 119.609 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.024 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

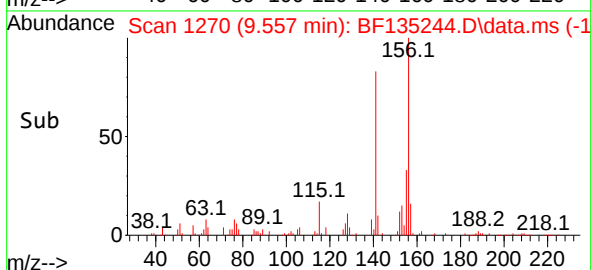
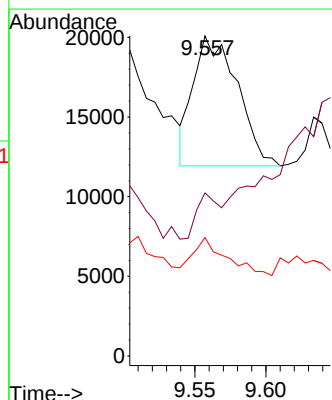
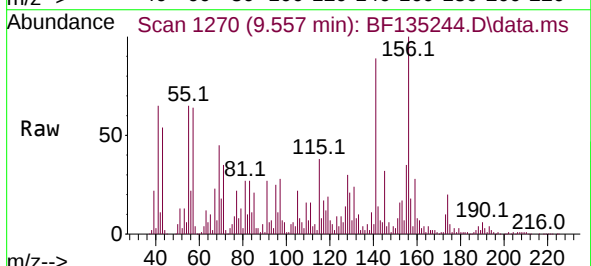
Tgt Ion:163 Resp: 17524

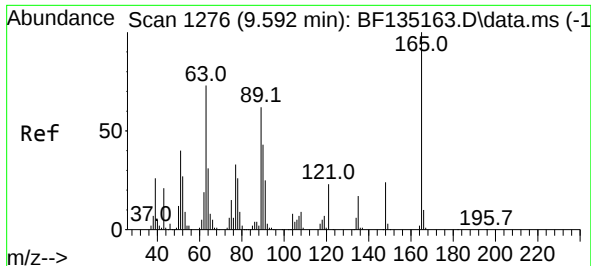
Ion Ratio Lower Upper

163 100

194 50.9 3.1 4.7#

164 37.0 8.1 12.1#

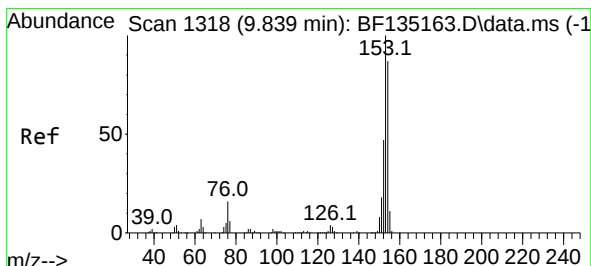
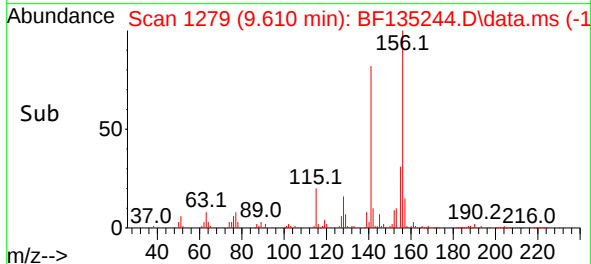
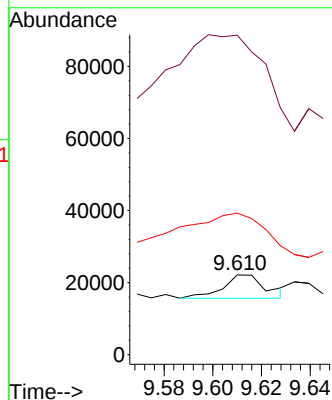
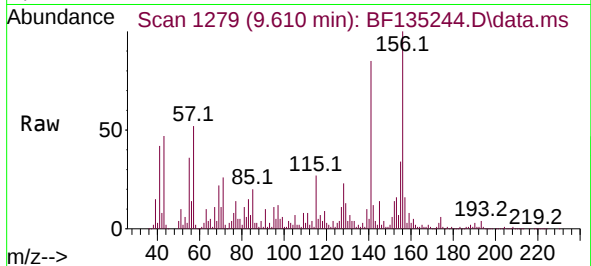




#51
2,6-Dinitrotoluene
Concen: 244.612 ng
RT: 9.610 min Scan# 1310
Delta R.T. 0.018 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

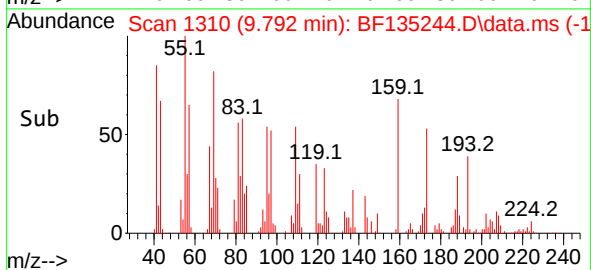
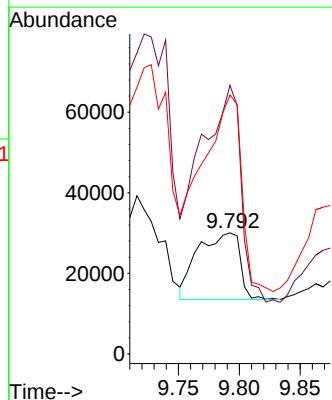
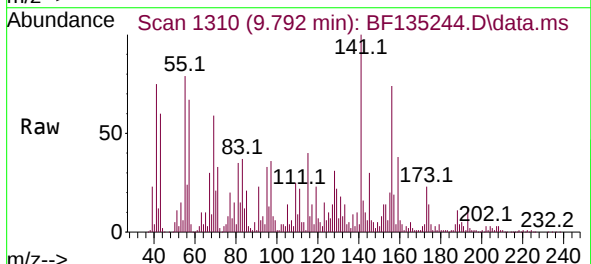
Instrument :
BNA_F
ClientSampleId :
WASTE

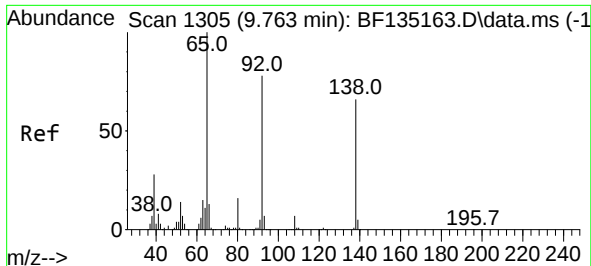
Tgt Ion:165 Resp: 7851
Ion Ratio Lower Upper
165 100
63 400.7 59.4 89.2#
89 177.6 49.8 74.8#



#52
Acenaphthene
Concen: 336.259 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.047 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:154 Resp: 39889
Ion Ratio Lower Upper
154 100
153 221.7 92.1 138.1#
152 213.7 43.1 64.7#

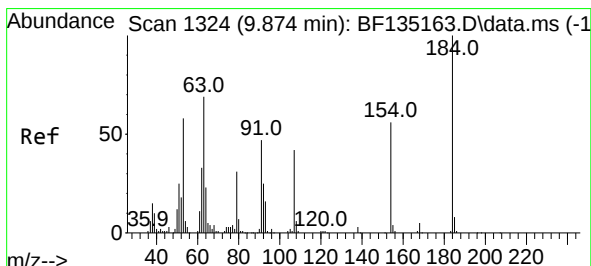
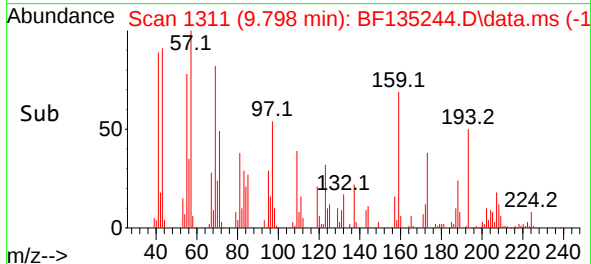
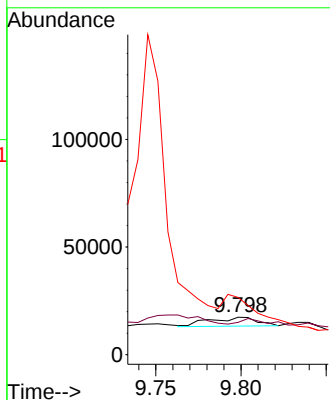
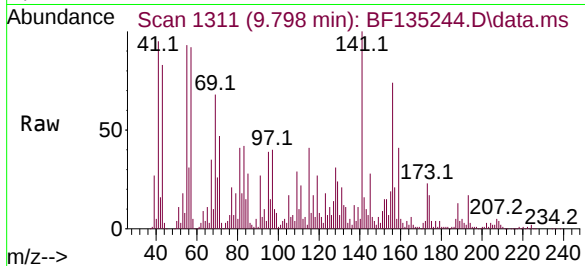




#53
3-Nitroaniline
Concen: 213.324 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.036 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

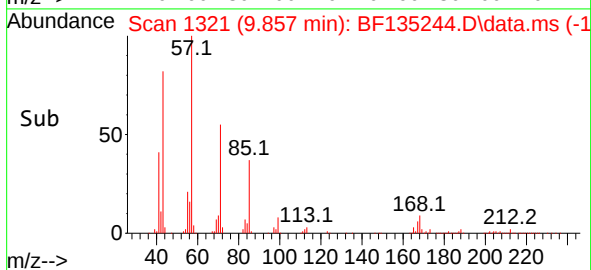
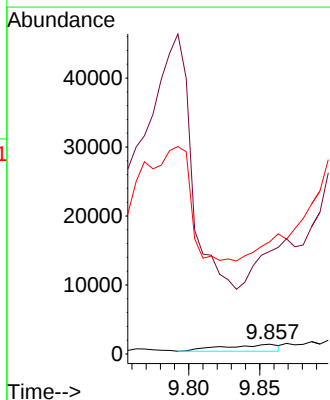
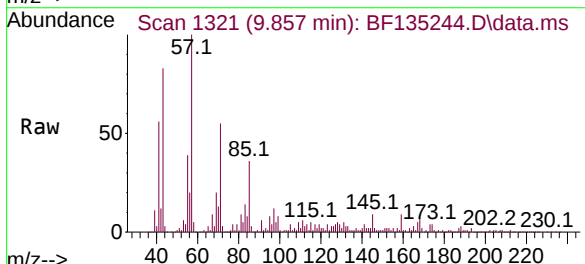
Instrument :
BNA_F
ClientSampleId :
WASTE

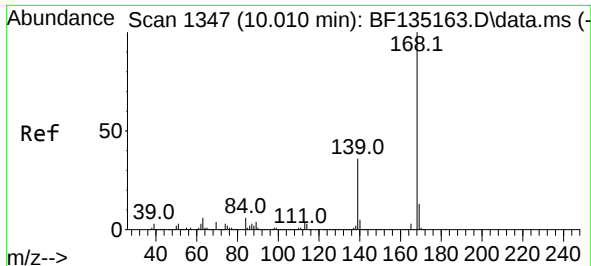
Tgt Ion:138 Resp: 8037
Ion Ratio Lower Upper
138 100
108 86.3 8.5 12.7#
92 153.3 95.4 143.0#



#54
2,4-Dinitrophenol
Concen: 140.076 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:184 Resp: 2645
Ion Ratio Lower Upper
184 100
63 1054.1 55.1 82.7#
154 1151.9 48.4 72.6#

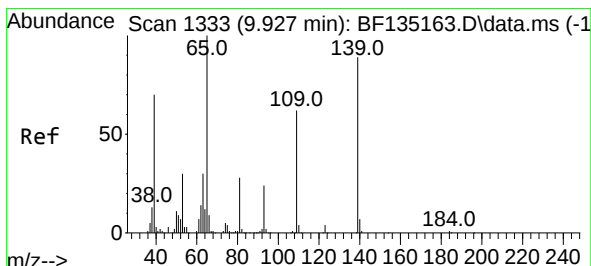
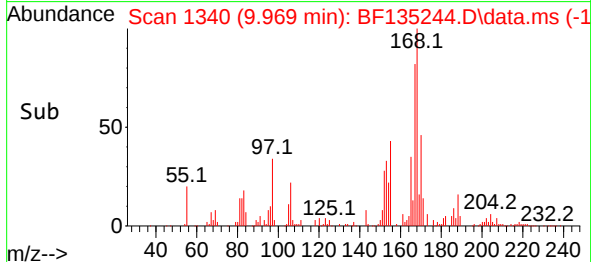
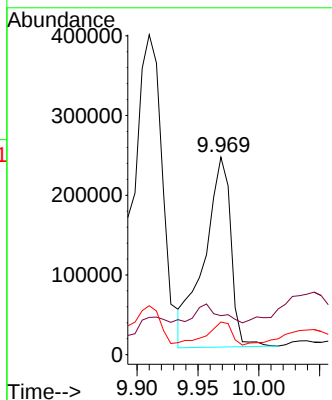
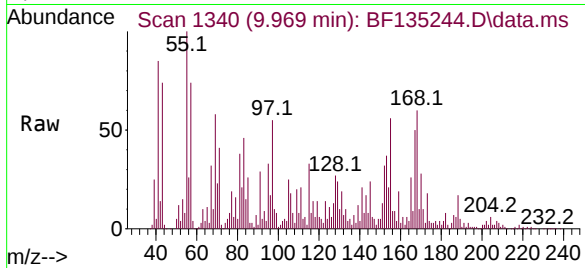




#55
Dibenzenofuran
Concen: 2015.475 ng
RT: 9.969 min Scan# 1347
Delta R.T. -0.041 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

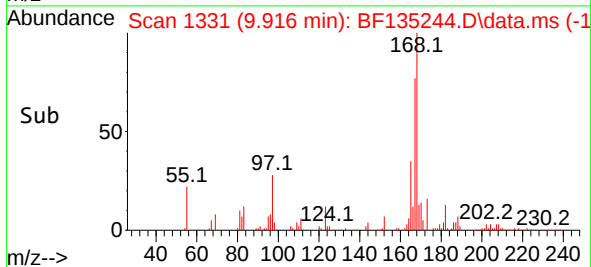
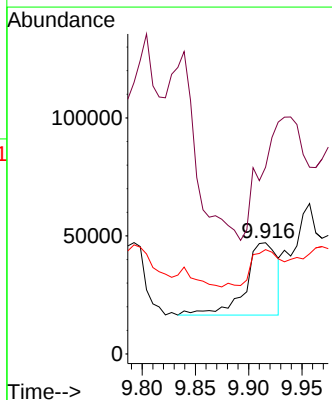
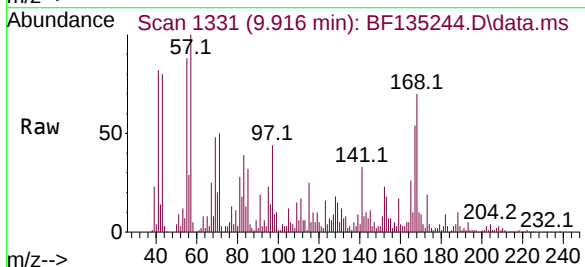
Instrument :
BNA_F
ClientSampleId :
WASTE

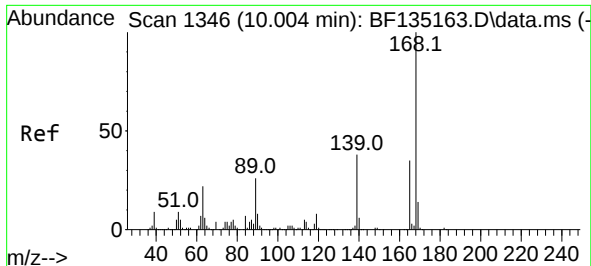
Tgt Ion:168 Resp: 364843
Ion Ratio Lower Upper
168 100
139 19.8 29.0 43.6#
169 16.5 10.4 15.6#



#56
4-Nitrophenol
Concen: 2656.025 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

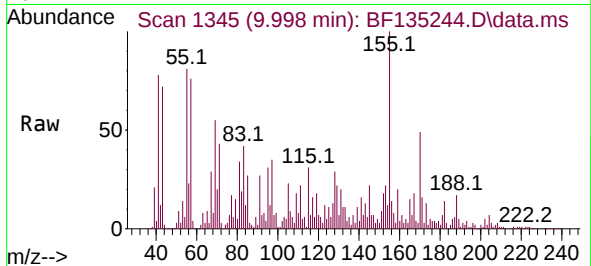
Tgt Ion:139 Resp: 63597
Ion Ratio Lower Upper
139 100
109 168.0 49.8 89.8#
65 93.9 92.7 132.7



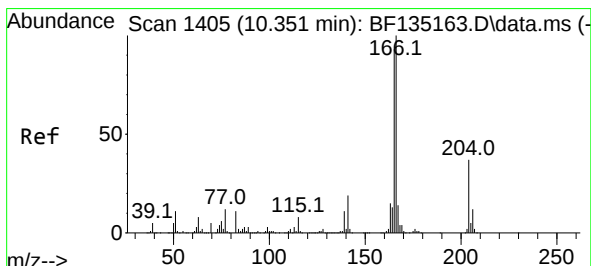
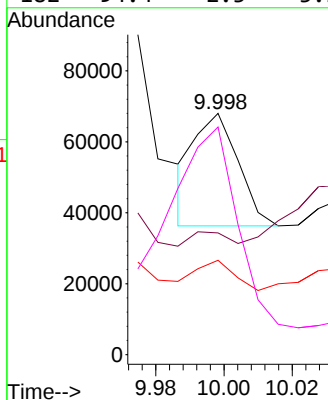
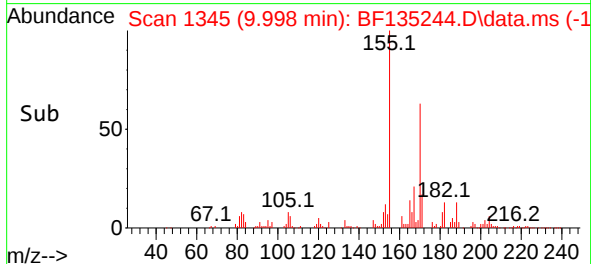


#57
2,4-Dinitrotoluene
Concen: 700.728 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

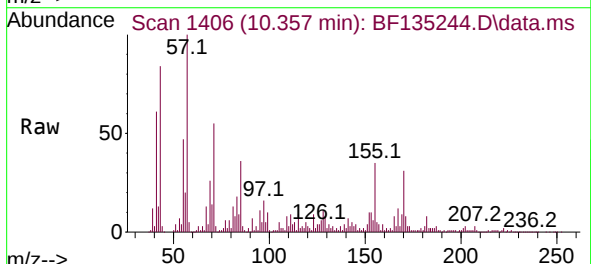
Instrument :
BNA_F
ClientSampleId :
WASTE



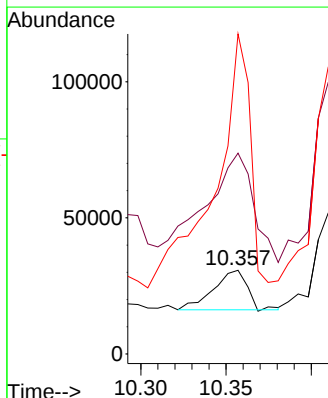
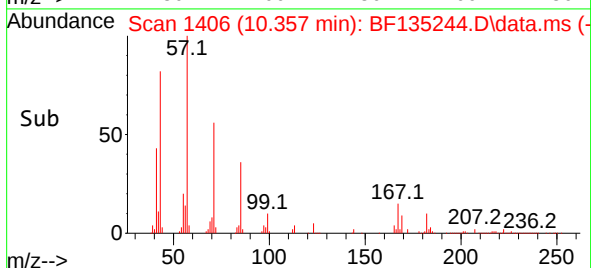
Tgt Ion:165 Resp: 28156
Ion Ratio Lower Upper
165 100
63 50.5 50.1 75.1
89 39.2 59.3 88.9#
182 94.4 2.3 3.5#

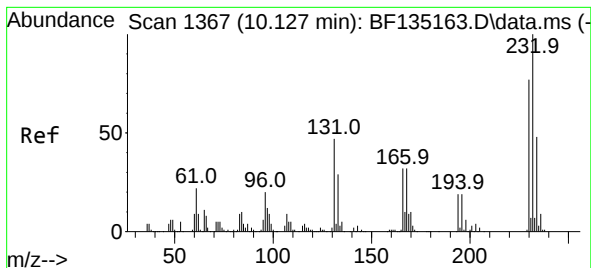


#58
Fluorene
Concen: 146.124 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46



Tgt Ion:166 Resp: 20335
Ion Ratio Lower Upper
166 100
165 239.9 74.3 111.5#
167 382.2 10.9 16.3#

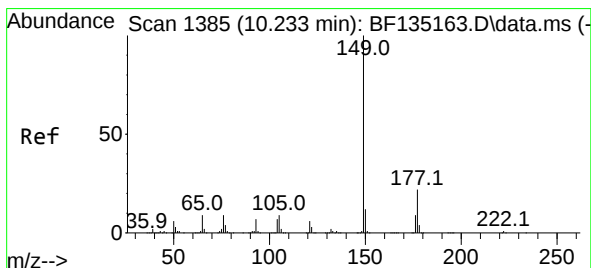
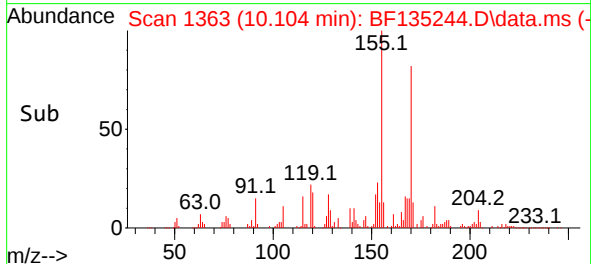
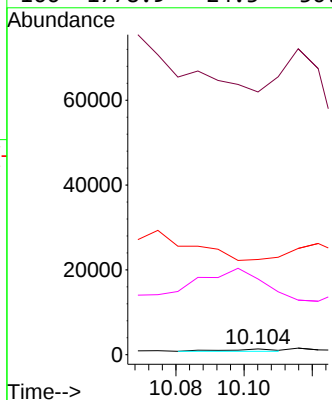
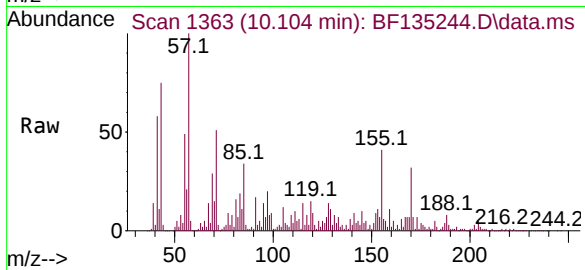




#59
2,3,4,6-Tetrachlorophenol
Concen: 16.175 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.023 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

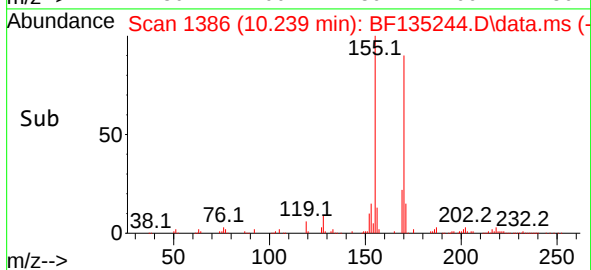
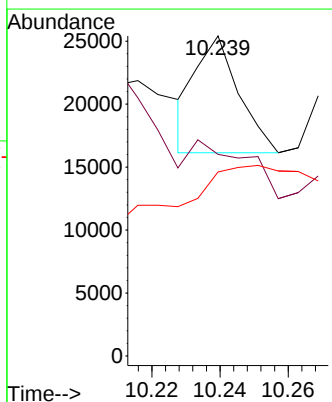
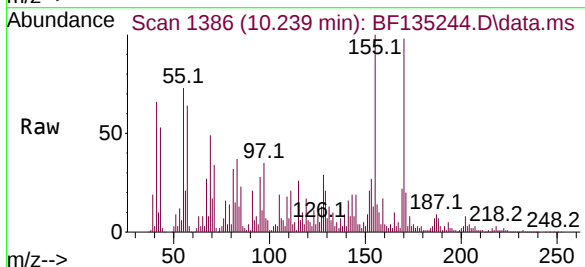
Instrument :
BNA_F
ClientSampleId :
WASTE

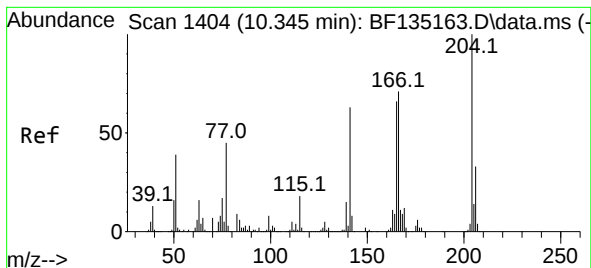
Tgt Ion:232 Resp: 589
Ion Ratio Lower Upper
232 100
131 0.0 35.4 53.2#
130 0.0 1.8 2.8#
166 1778.9 24.3 36.5#



#60
Diethylphthalate
Concen: 55.149 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:149 Resp: 8109
Ion Ratio Lower Upper
149 100
177 63.0 17.8 26.6#
150 57.5 10.0 15.0#

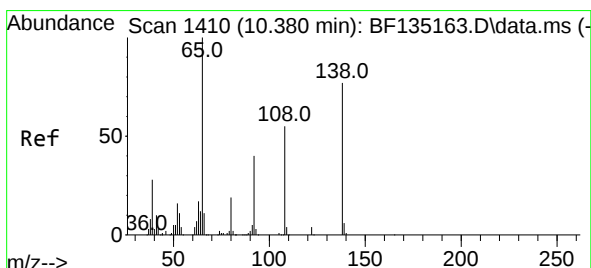
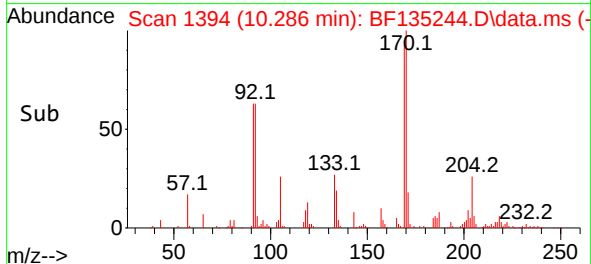
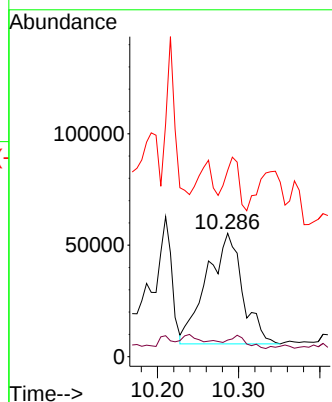
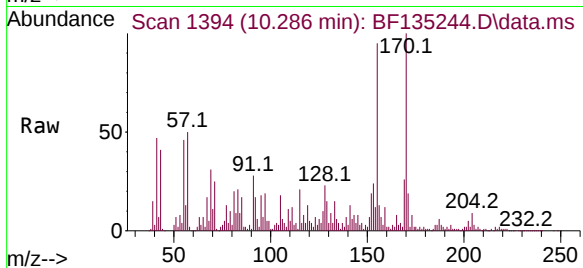




#61
4-Chlorophenyl-phenylether
Concen: 2283.750 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.059 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

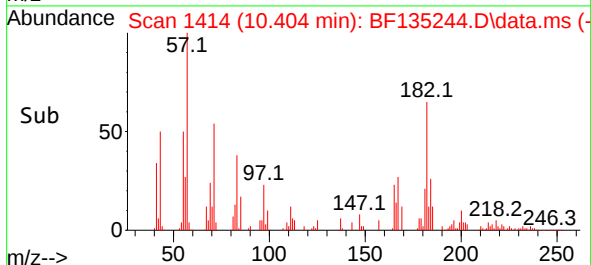
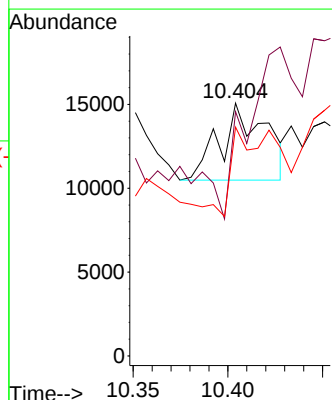
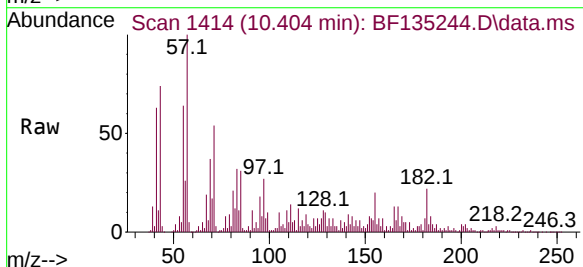
Instrument :
BNA_F
ClientSampleId :
WASTE

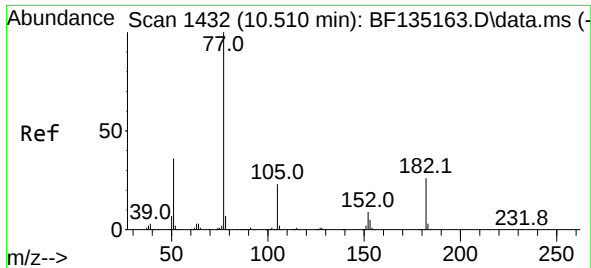
Tgt Ion:204 Resp: 152666
Ion Ratio Lower Upper
204 100
206 13.5 26.7 40.1#
141 151.2 50.6 75.8#



#62
4-Nitroaniline
Concen: 211.902 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.024 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:138 Resp: 7674
Ion Ratio Lower Upper
138 100
92 96.7 31.8 71.8#
108 90.5 52.0 92.0

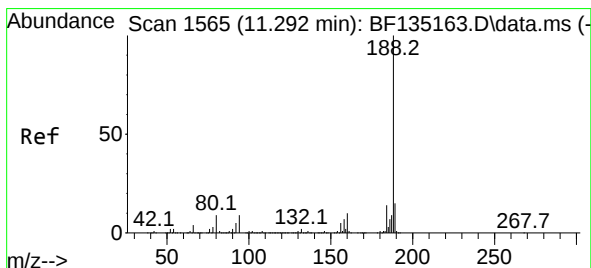
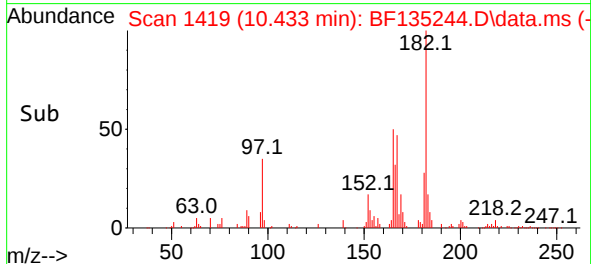
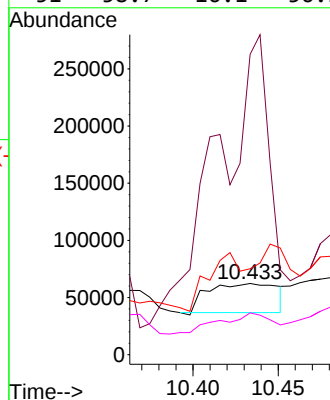
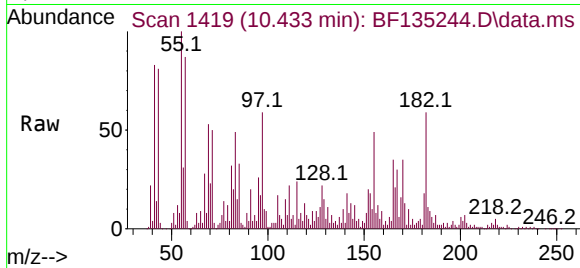




#63
Azobenzene
Concen: 496.392 ng
RT: 10.433 min Scan# 1432
Delta R.T. -0.076 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

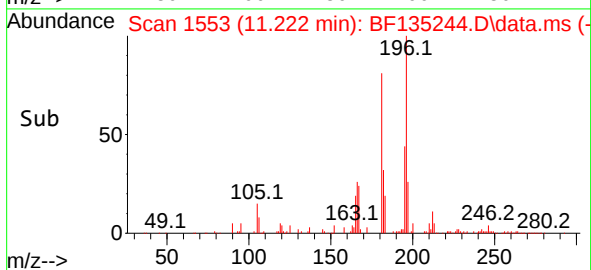
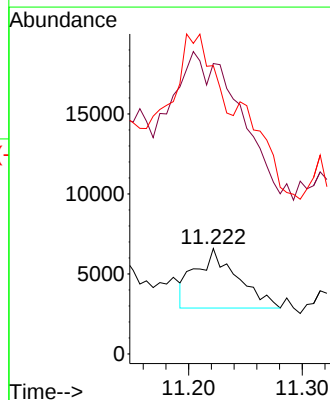
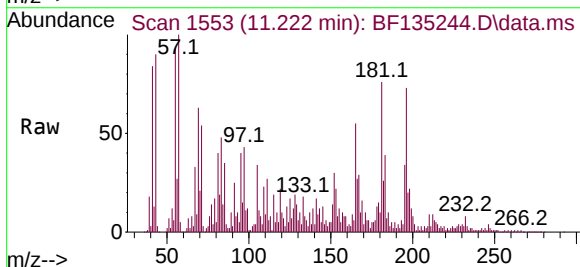
Instrument :
BNA_F
ClientSampleId :
WASTE

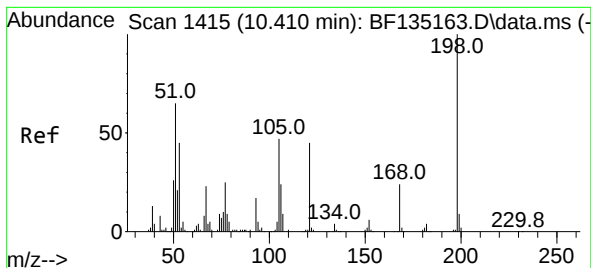
Tgt Ion: 77	Resp: 71433
Ion Ratio	Lower Upper
77 100	
182 422.1	6.4 46.4#
105 120.7	3.1 43.1#
51 58.7	16.1 56.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.070 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion: 188	Resp: 9498
Ion Ratio	Lower Upper
188 100	
94 275.4	7.0 10.6#
80 273.3	7.5 11.3#

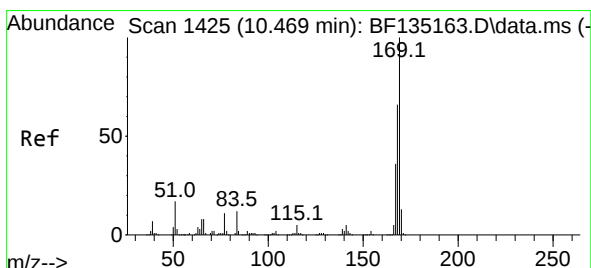
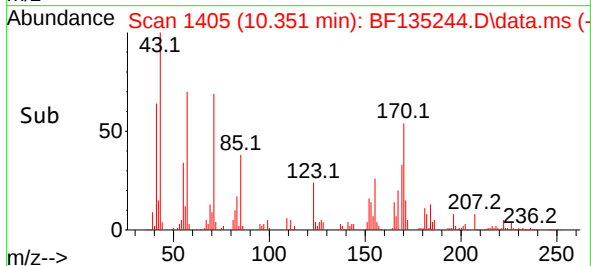
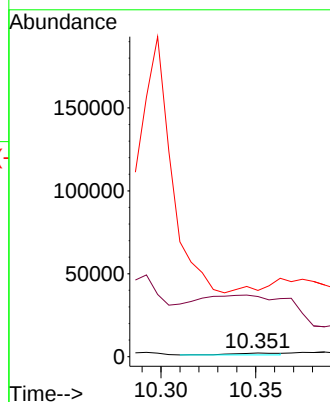
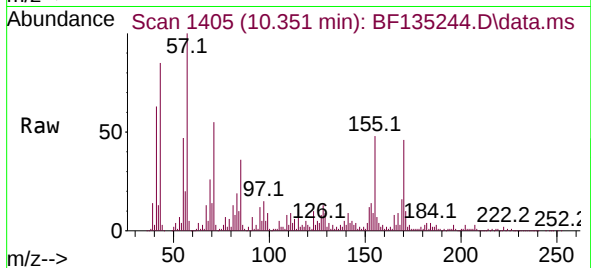




#65
4,6-Dinitro-2-methylphenol
Concen: 39.110 ng
RT: 10.351 min Scan# 1415
Delta R.T. -0.059 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

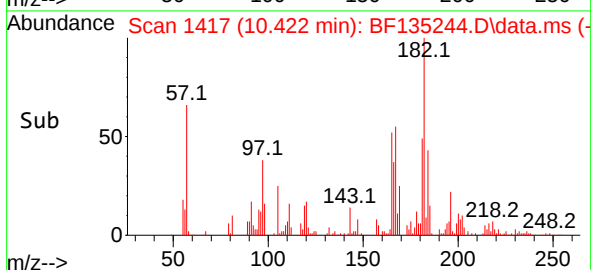
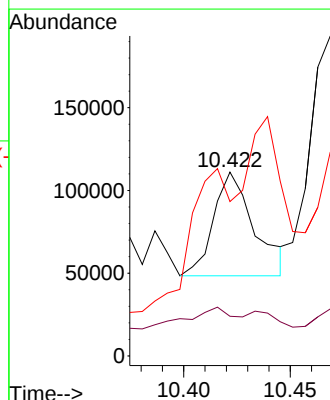
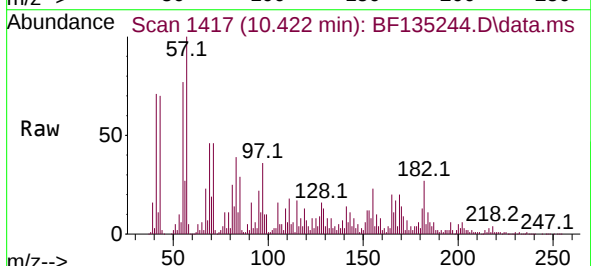
Instrument :
BNA_F
ClientSampleId :
WASTE

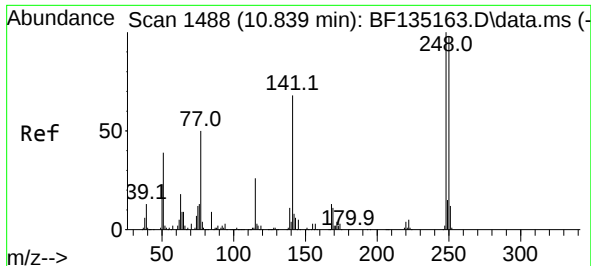
Tgt Ion:198 Resp: 1973
Ion Ratio Lower Upper
198 100
51 1635.7 47.7 87.7#
105 1804.7 27.4 67.4#



#66
n-Nitrosodiphenylamine
Concen: 288.949 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.047 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:169 Resp: 83087
Ion Ratio Lower Upper
169 100
168 21.6 52.8 79.2#
167 84.0 29.0 43.6#





#67

4-Bromophenyl-phenylether

Concen: 4.584 ng

RT: 10.763 min Scan# 14

Delta R.T. -0.076 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

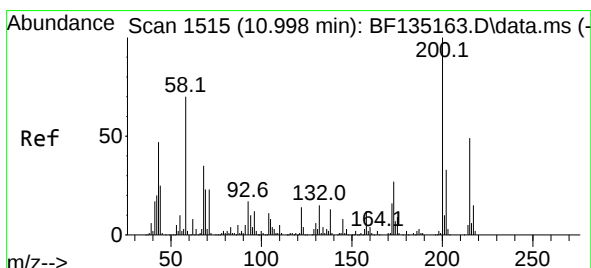
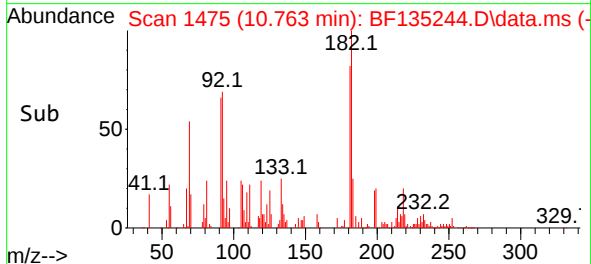
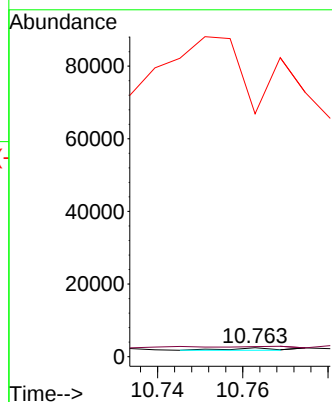
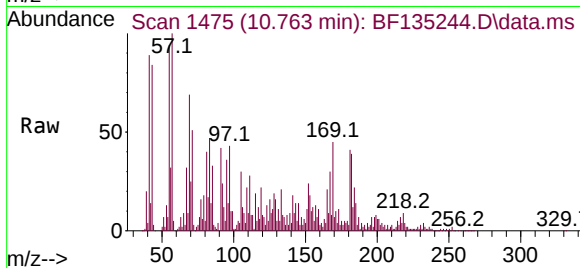
Tgt Ion:248 Resp: 433

Ion Ratio Lower Upper

248 100

250 112.7 78.6 117.8

141 2717.9 54.2 81.2#



#69

Atrazine

Concen: 181.683 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.100 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

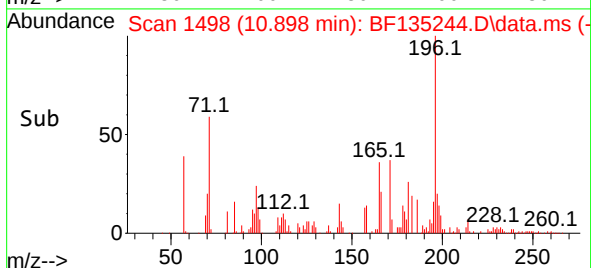
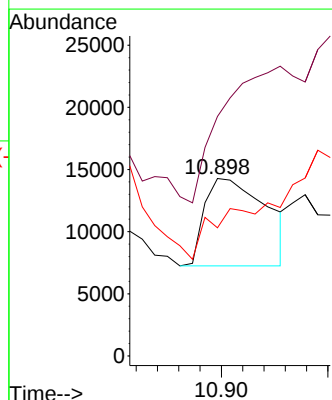
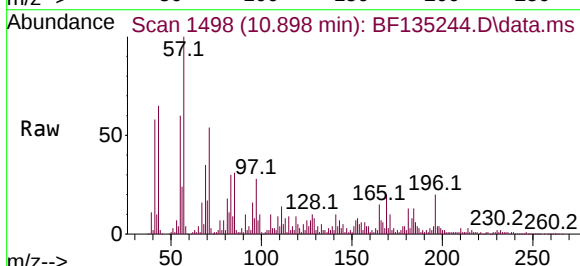
Tgt Ion:200 Resp: 14057

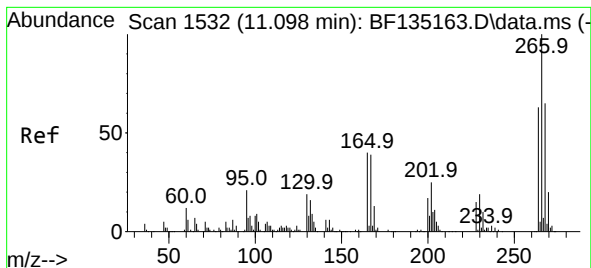
Ion Ratio Lower Upper

200 100

173 134.9 7.4 47.4#

215 72.2 28.6 68.6#





#70

Pentachlorophenol

Concen: 122.962 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.041 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

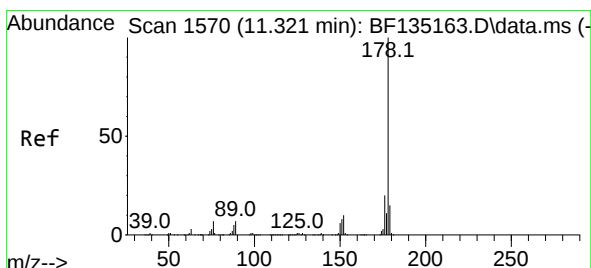
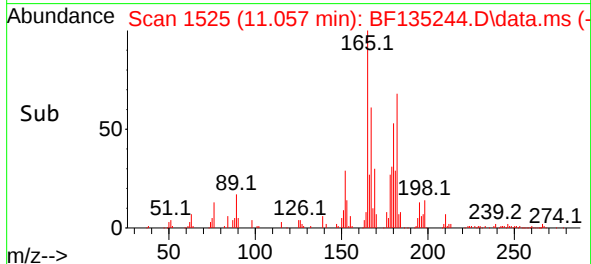
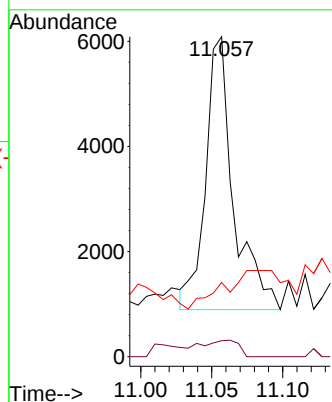
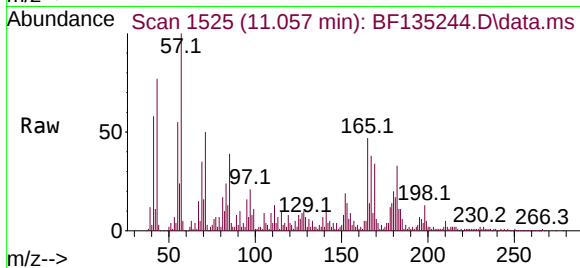
Tgt Ion:266 Resp: 7080

Ion Ratio Lower Upper

266 100

268 5.0 52.1 78.1#

264 23.2 50.8 76.2#



#71

Phenanthrene

Concen: 101.150 ng

RT: 11.175 min Scan# 1545

Delta R.T. -0.147 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

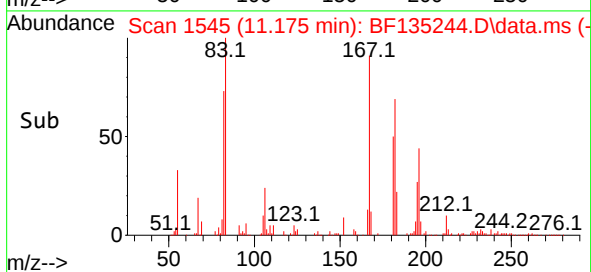
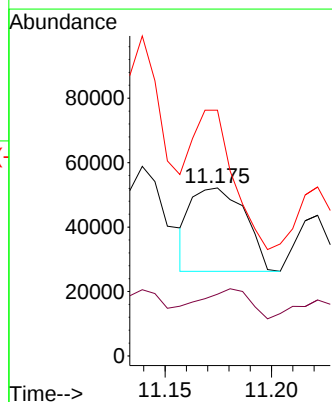
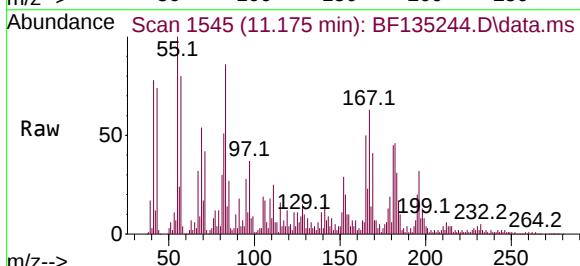
Tgt Ion:178 Resp: 45438

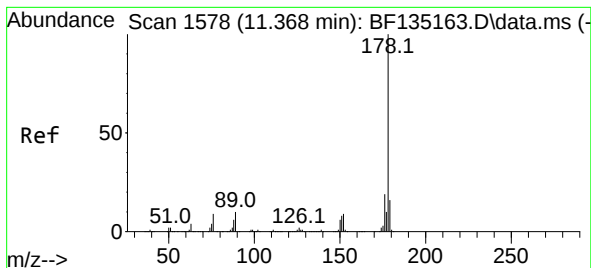
Ion Ratio Lower Upper

178 100

176 36.8 15.6 23.4#

179 146.3 12.0 18.0#





#72

Anthracene

Concen: 98.405 ng

RT: 11.175 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

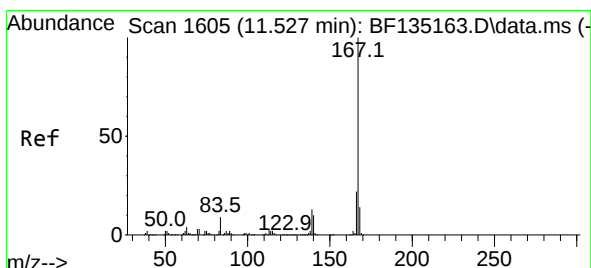
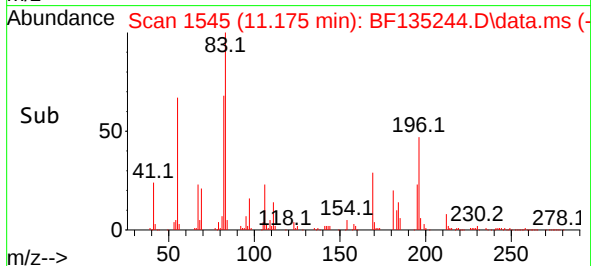
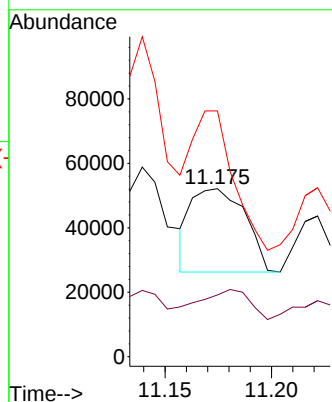
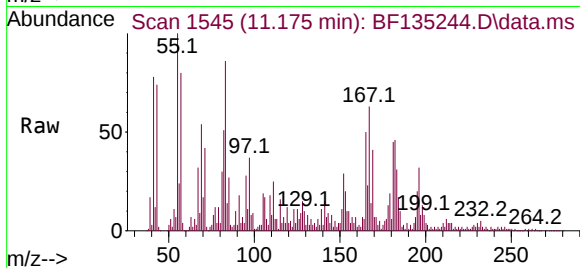
Tgt Ion:178 Resp: 45438

Ion Ratio Lower Upper

178 100

176 36.8 15.4 23.2#

179 146.3 12.6 19.0#



#73

Carbazole

Concen: 269.282 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.064 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

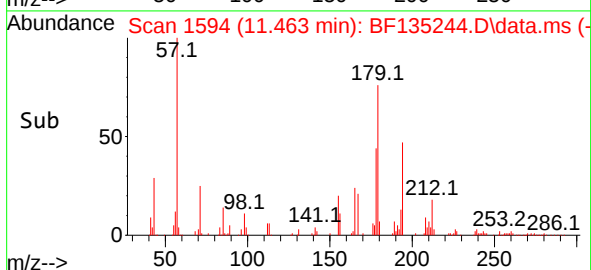
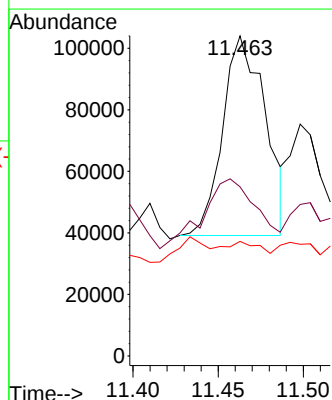
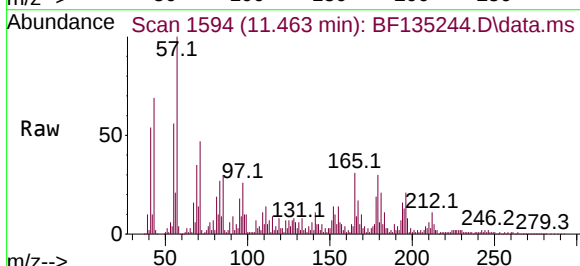
Tgt Ion:167 Resp: 113189

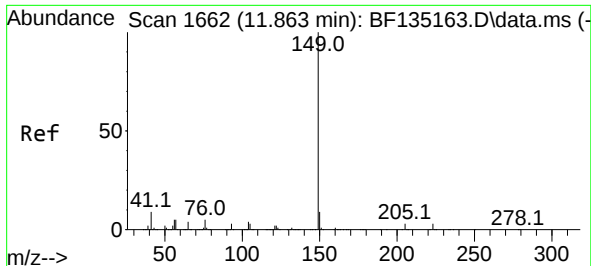
Ion Ratio Lower Upper

167 100

166 52.9 17.4 26.0#

139 35.8 10.6 15.8#

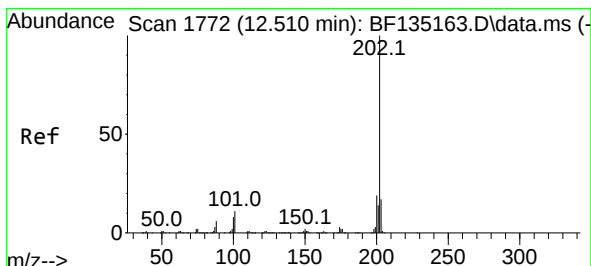
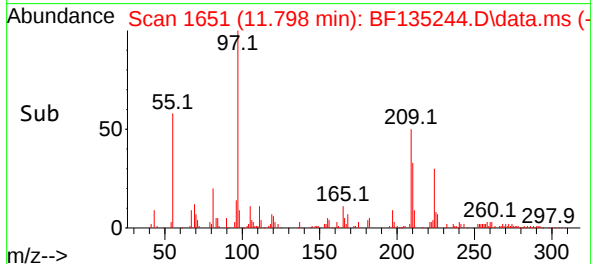
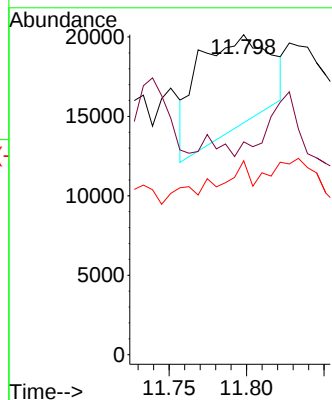
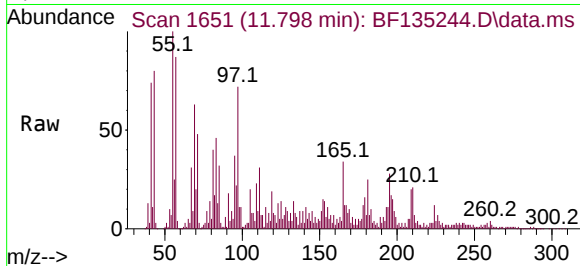




#74
Di-n-butylphthalate
Concen: 38.233 ng
RT: 11.798 min Scan# 1
Delta R.T. -0.064 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

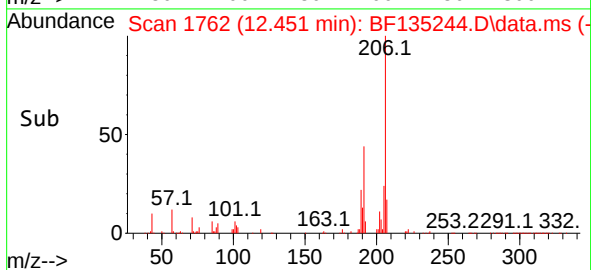
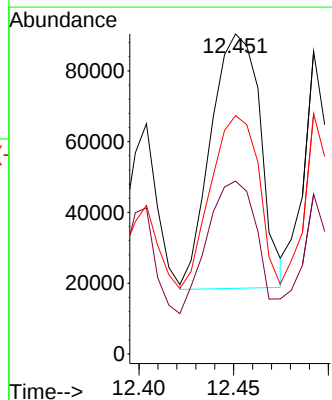
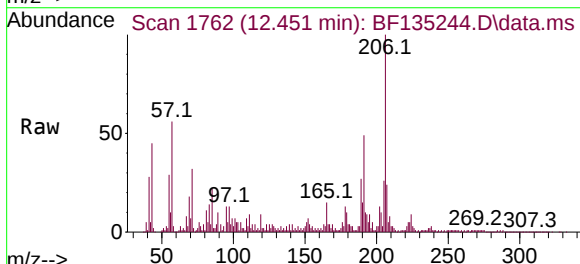
Instrument :
BNA_F
ClientSampleId :
WASTE

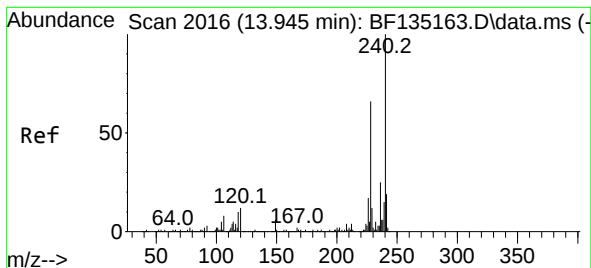
Tgt Ion:149 Resp: 18937
Ion Ratio Lower Upper
149 100
150 66.5 7.4 11.0#
104 60.6 3.6 5.4#



#75
Fluoranthene
Concen: 278.480 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.059 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Tgt Ion:202 Resp: 130350
Ion Ratio Lower Upper
202 100
101 54.0 0.0 31.3#
203 74.5 0.0 37.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.030 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

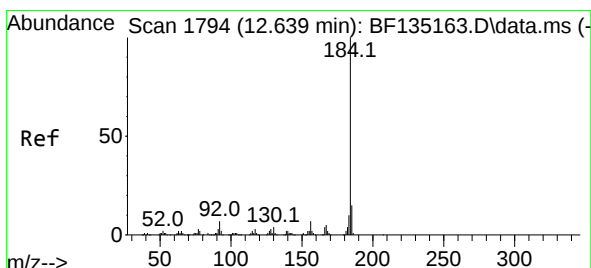
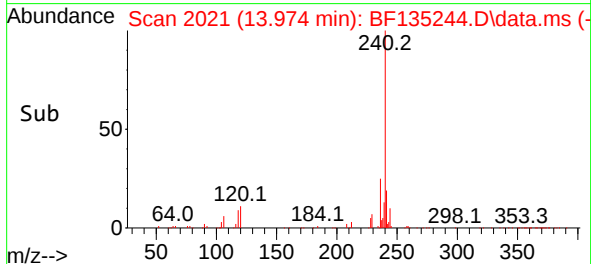
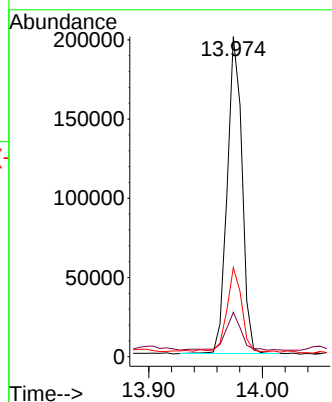
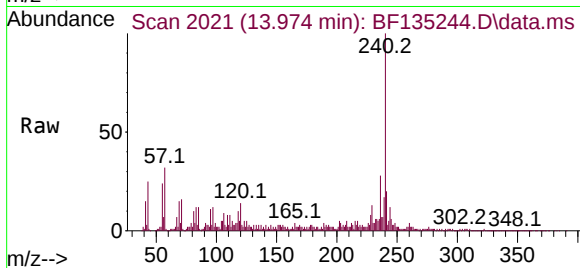
Tgt Ion:240 Resp: 181219

Ion Ratio Lower Upper

240 100

120 13.9 9.4 14.2

236 27.8 19.8 29.8



#77

Benzidine

Concen: 2.674 ng

RT: 12.645 min Scan# 1795

Delta R.T. 0.006 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

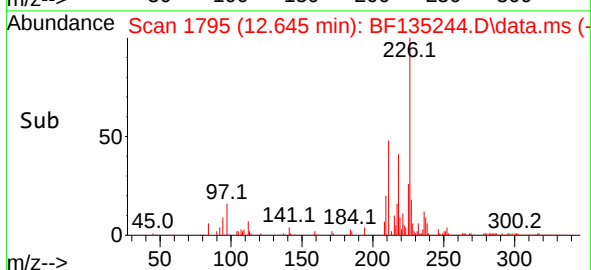
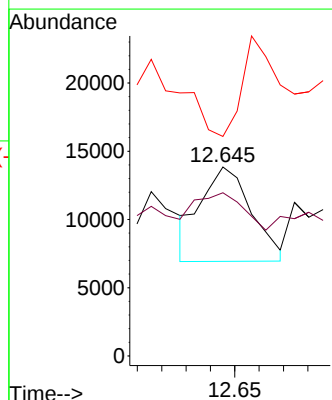
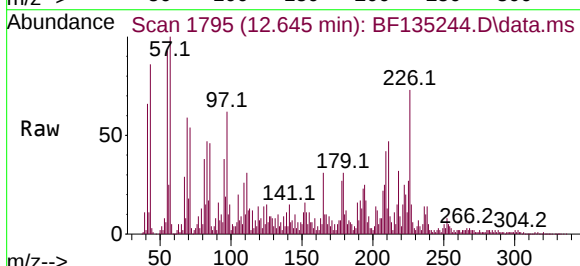
Tgt Ion:184 Resp: 9926

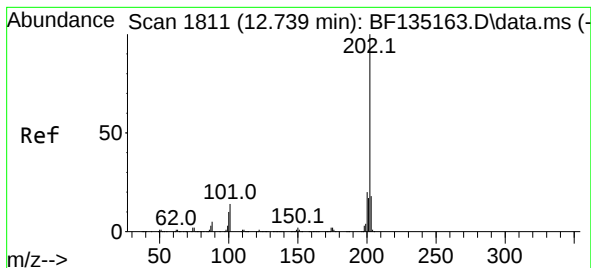
Ion Ratio Lower Upper

184 100

185 86.4 11.7 17.5#

183 116.1 8.2 12.4#





#78

Pyrene

Concen: 4.662 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.041 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

Instrument :

BNA_F

ClientSampleId :

WASTE

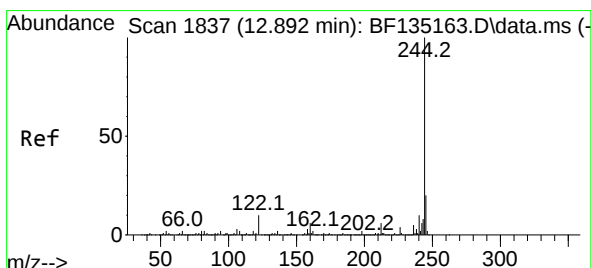
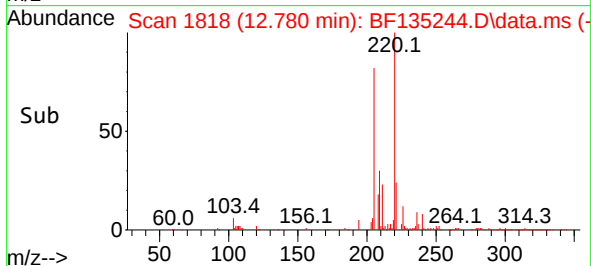
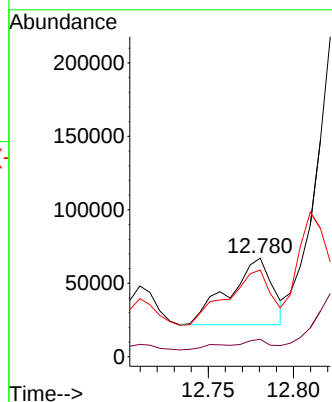
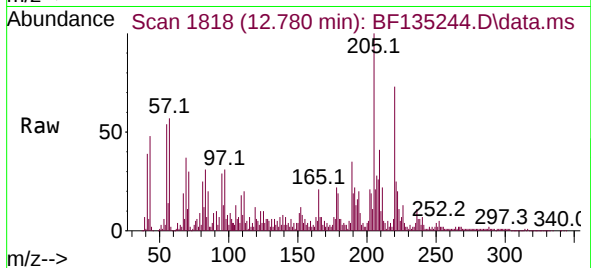
Tgt Ion:202 Resp: 80444

Ion Ratio Lower Upper

202 100

200 17.7 16.2 24.2

203 88.1 14.2 21.4#



#79

Terphenyl-d14

Concen: 26.635 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.059 min

Lab File: BF135244.D

Acq: 14 Sep 2023 02:46

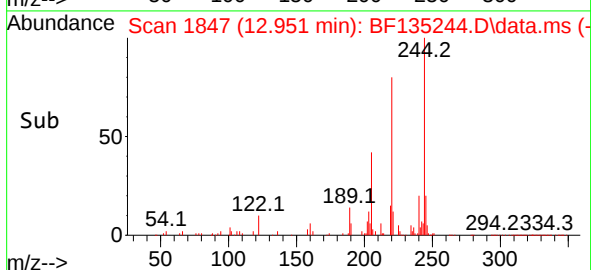
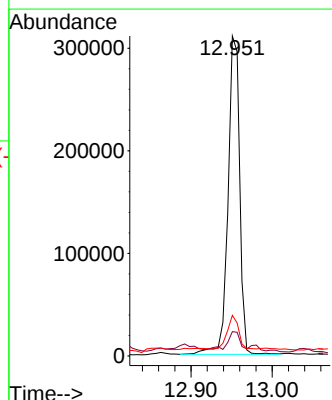
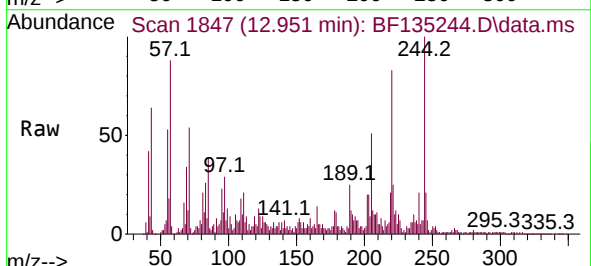
Tgt Ion:244 Resp: 311363

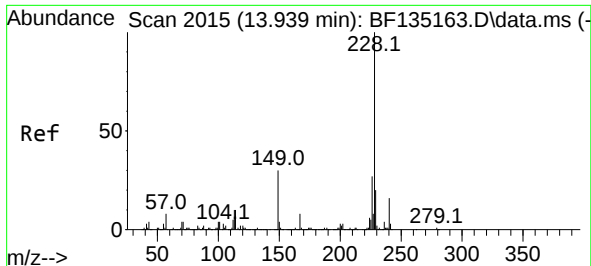
Ion Ratio Lower Upper

244 100

212 7.6 5.1 7.7

122 12.7 7.9 11.9#

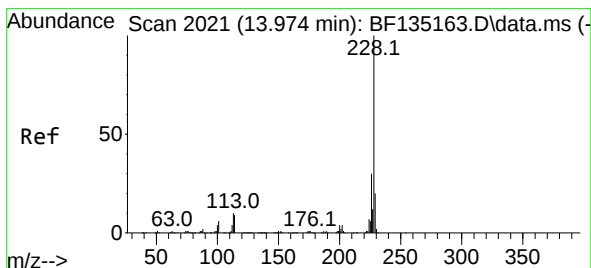
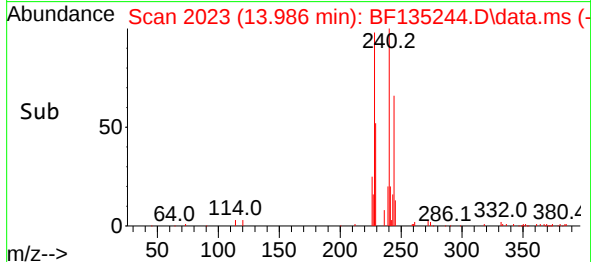
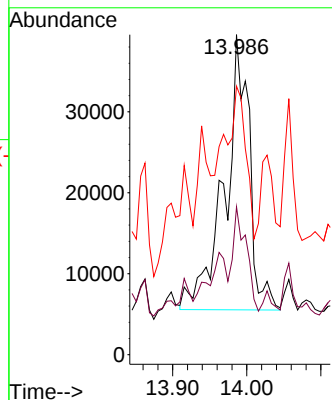
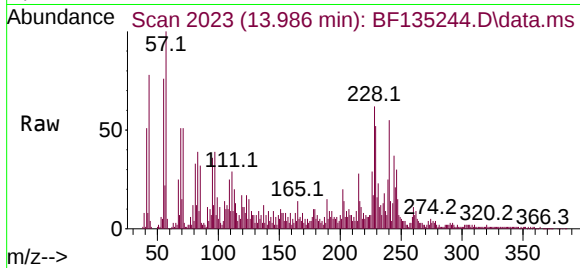




#81
Benzo(a)anthracene
Concen: 6.733 ng
RT: 13.986 min Scan# 2015
Delta R.T. 0.047 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

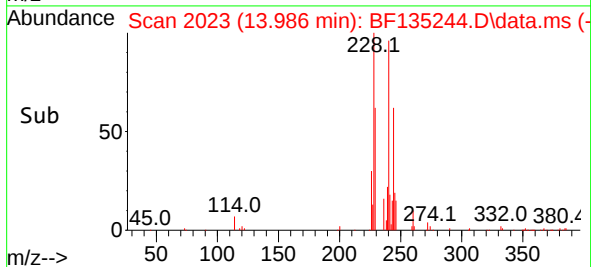
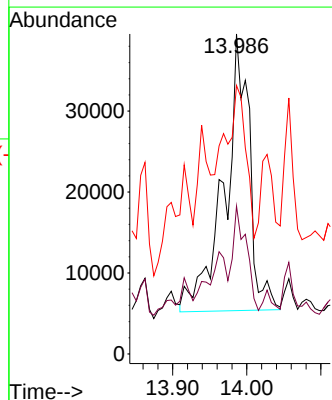
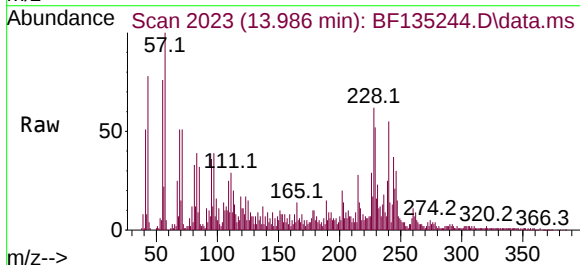
Instrument :
BNA_F
ClientSampleId :
WASTE

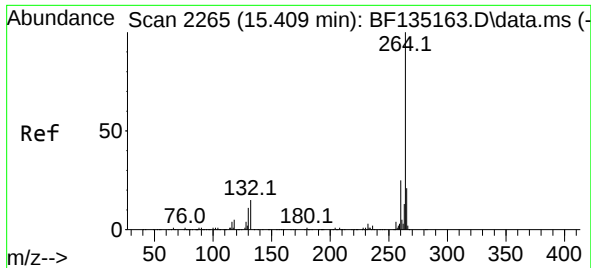
Tgt Ion:228 Resp: 78786
Ion Ratio Lower Upper
228 100
226 46.2 21.7 32.5#
229 83.9 15.8 23.8#



#83
Chrysene
Concen: 6.922 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

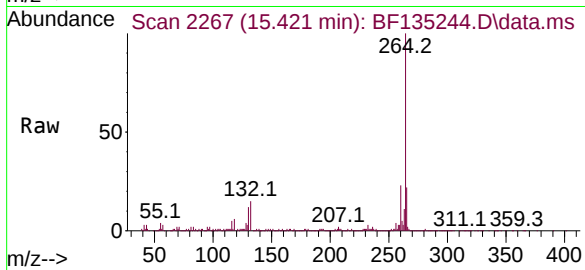
Tgt Ion:228 Resp: 80535
Ion Ratio Lower Upper
228 100
226 46.2 24.3 36.5#
229 83.9 16.0 24.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135244.D
Acq: 14 Sep 2023 02:46

Instrument :
BNA_F
ClientSampleId :
WASTE



Tgt Ion:264 Resp: 194539

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.8	29.6
265	22.3	17.0	25.4

