

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135604.D
 Acq On : 05 Oct 2023 17:35
 Operator : CG\JU
 Sample : 04712-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Quant Time: Oct 06 03:43:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	140922	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	500055	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	239180	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	413344	20.000	ng	0.00
76) Chrysene-d12	13.927	240	222233	20.000	ng	0.00
86) Perylene-d12	15.392	264	253513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	855905	98.784	ng	0.01
7) Phenol-d6	6.393	99	1009680	91.645	ng	0.00
23) Nitrobenzene-d5	7.310	82	652745	70.919	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	214159	90.101	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1065011	67.180	ng	0.00
79) Terphenyl-d14	12.863	244	846907	59.076	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	163319	42.998	ng	97
3) Pyridine	3.246	79	384090	37.572	ng	99
4) n-Nitrosodimethylamine	3.216	42	238441	43.954	ng	100
6) Aniline	6.410	93	411709	28.497	ng	# 29
8) 2-Chlorophenol	6.534	128	405580	43.850	ng	95
9) Benzaldehyde	6.298	77	228740	36.445	ng	98
10) Phenol	6.410	94	472529	39.114	ng	83
11) bis(2-Chloroethyl)ether	6.481	93	397716	43.888	ng	97
12) 1,3-Dichlorobenzene	6.681	146	395167	42.039	ng	96
13) 1,4-Dichlorobenzene	6.757	146	414739	43.367	ng	99
14) 1,2-Dichlorobenzene	6.904	146	380973	42.896	ng	99
15) Benzyl Alcohol	6.893	79	333848	42.228	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	712848	41.733	ng	70
17) 2-Methylphenol	7.010	107	304376	37.291	ng	# 92
18) Hexachloroethane	7.240	117	151934	42.996	ng	88
19) n-Nitroso-di-n-propyla...	7.157	70	264556	38.768	ng	94
20) 3+4-Methylphenols	7.163	107	381608	38.881	ng	# 70
22) Acetophenone	7.151	105	526904	46.088	ng	# 91
24) Nitrobenzene	7.328	77	412510	45.344	ng	99
25) Isophorone	7.563	82	762284	45.102	ng	99
26) 2-Nitrophenol	7.640	139	206125	47.209	ng	96
27) 2,4-Dimethylphenol	7.687	122	297218	40.498	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	472337	46.693	ng	99
29) 2,4-Dichlorophenol	7.887	162	308771	45.404	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	322264	45.337	ng	99
31) Naphthalene	8.040	128	1068564	43.981	ng	100
32) Benzoic acid	7.834	122	212921	38.528	ng	100
33) 4-Chloroaniline	8.098	127	153265	14.378	ng	99
34) Hexachlorobutadiene	8.151	225	189598	44.236	ng	99
35) Caprolactam	8.475	113	104782	45.909	ng	97
36) 4-Chloro-3-methylphenol	8.598	107	325567	43.074	ng	93
37) 2-Methylnaphthalene	8.734	142	667856	40.893	ng	99
38) 1-Methylnaphthalene	8.834	142	637120	41.668	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	323609	46.702	ng	99
41) Hexachlorocyclopentadiene	8.881	237	134457	47.357	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	203261	44.802	ng	98

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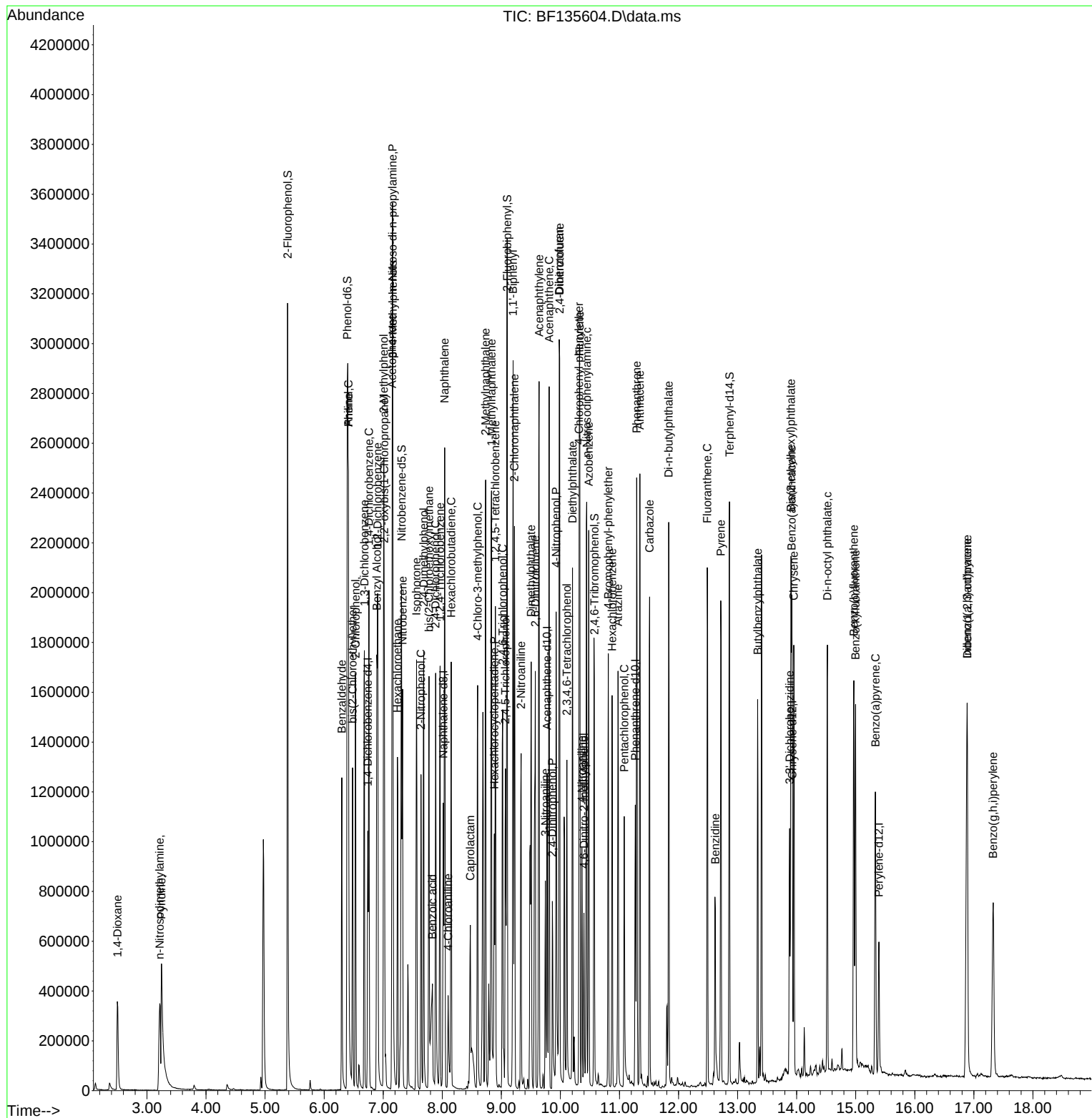
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	216560	41.449	ng	98
46) 1,1'-Biphenyl	9.198	154	849021	46.191	ng	99
47) 2-Chloronaphthalene	9.222	162	626993	47.014	ng	98
48) 2-Nitroaniline	9.334	65	233355	45.040	ng	97
49) Acenaphthylene	9.639	152	987094	44.536	ng	99
50) Dimethylphthalate	9.504	163	729928	45.138	ng	100
51) 2,6-Dinitrotoluene	9.575	165	162020	45.736	ng	91
52) Acenaphthene	9.810	154	579032	44.224	ng	98
53) 3-Nitroaniline	9.745	138	113295	27.245	ng	94
54) 2,4-Dinitrophenol	9.863	184	104349	54.083	ng	# 89
55) Dibenzofuran	9.981	168	836128	41.848	ng	97
56) 4-Nitrophenol	9.928	139	163031	61.688	ng	89
57) 2,4-Dinitrotoluene	9.986	165	182021	41.043	ng	90
58) Fluorene	10.328	166	663183	43.176	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	163238	40.616	ng	99
60) Diethylphthalate	10.204	149	739224	45.549	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	322696	43.735	ng	95
62) 4-Nitroaniline	10.363	138	143760	35.965	ng	96
63) Azobenzene	10.481	77	718481	45.235	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	81840	37.278	ng	96
66) n-Nitrosodiphenylamine	10.445	169	606541	48.470	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	194973	47.427	ng	96
68) Hexachlorobenzene	10.875	284	196970	47.030	ng	# 89
69) Atrazine	10.975	200	183712	54.561	ng	98
70) Pentachlorophenol	11.081	266	143207	57.151	ng	98
71) Phenanthrene	11.292	178	915341	46.822	ng	99
72) Anthracene	11.345	178	915833	45.576	ng	99
73) Carbazole	11.510	167	801677	43.825	ng	99
74) Di-n-butylphthalate	11.833	149	1082502	50.220	ng	99
75) Fluoranthene	12.486	202	870735	42.745	ng	97
77) Benzidine	12.622	184	355481	78.079	ng	98
78) Pyrene	12.716	202	857261	40.517	ng	100
80) Butylbenzylphthalate	13.339	149	353988	47.519	ng	96
81) Benzo(a)anthracene	13.916	228	698159	48.652	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	209718	46.788	ng	# 98
83) Chrysene	13.951	228	651384	45.655	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	469035	61.356	ng	98
85) Di-n-octyl phthalate	14.521	149	806612	66.396	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	761389	45.806	ng	99
88) Benzo(b)fluoranthene	14.969	252	734503	53.521	ng	98
89) Benzo(k)fluoranthene	14.998	252	661920	48.827	ng	99
90) Benzo(a)pyrene	15.333	252	574884	43.927	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	616276	45.313	ng	99
92) Benzo(g,h,i)perylene	17.327	276	601939	42.379	ng	97

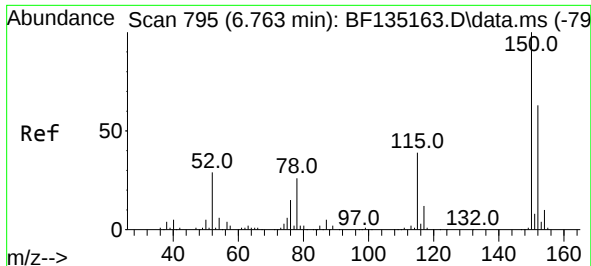
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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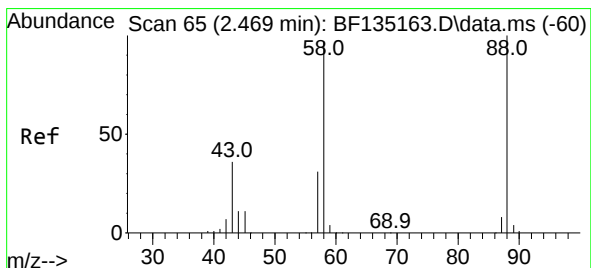
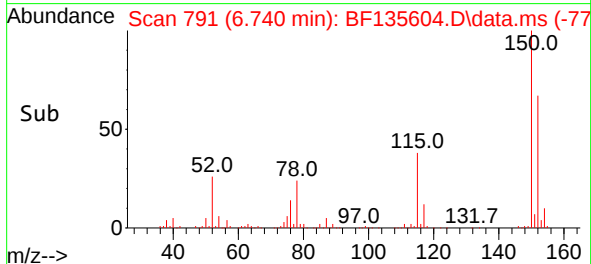
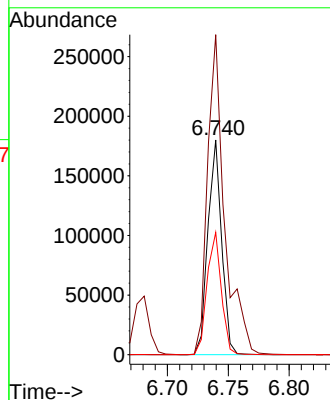
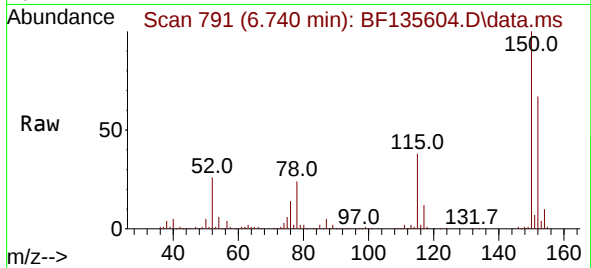




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

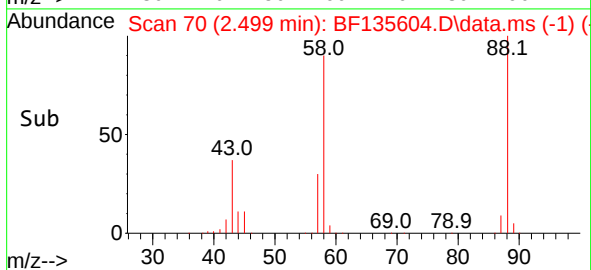
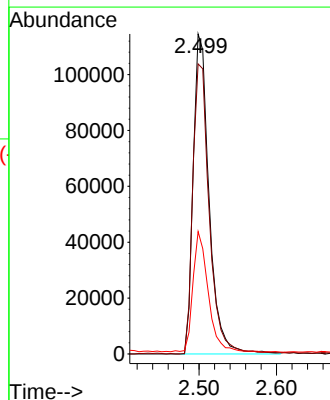
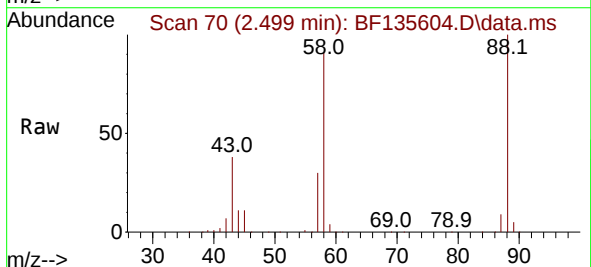
Instrument :
 BNA_F
 ClientSampleId :
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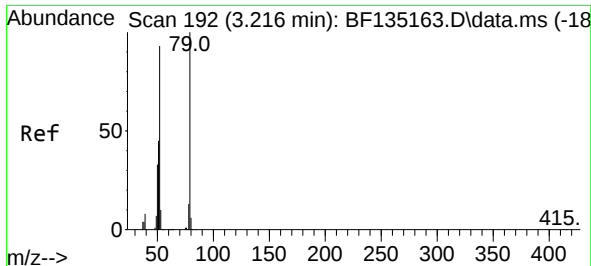
Tgt Ion:152 Resp: 140922
 Ion Ratio Lower Upper
 152 100
 150 149.0 127.8 191.6
 115 56.9 49.8 74.8



#2
 1,4-Dioxane
 Concen: 42.998 ng
 RT: 2.499 min Scan# 70
 Delta R.T. 0.077 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

Tgt Ion: 88 Resp: 163319
 Ion Ratio Lower Upper
 88 100
 58 94.4 78.3 117.5
 43 36.1 29.4 44.0

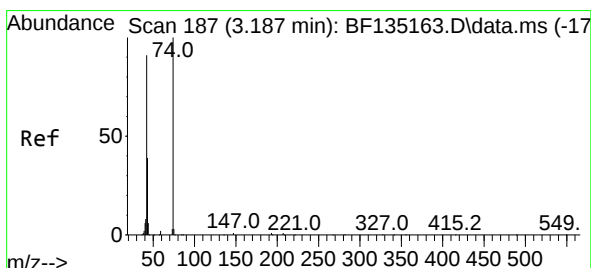
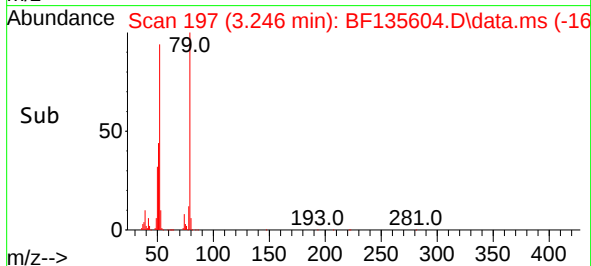
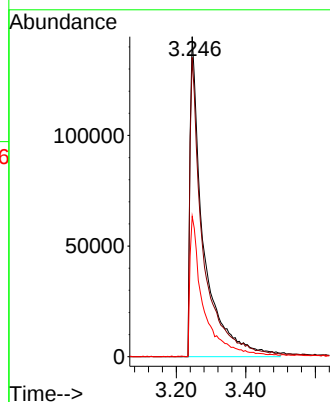
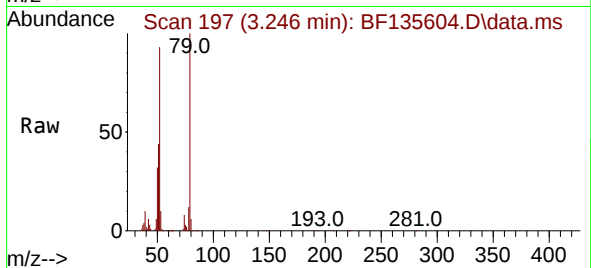




#3
 Pyridine
 Concen: 37.572 ng
 RT: 3.246 min Scan# 197
 Delta R.T. 0.083 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

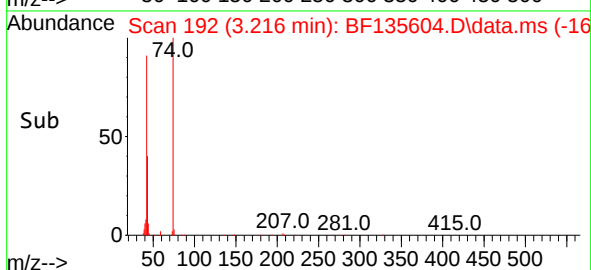
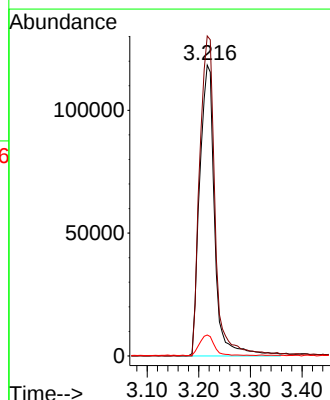
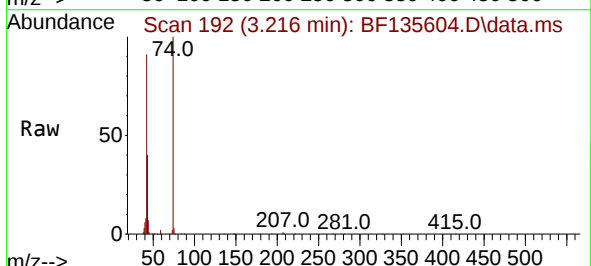
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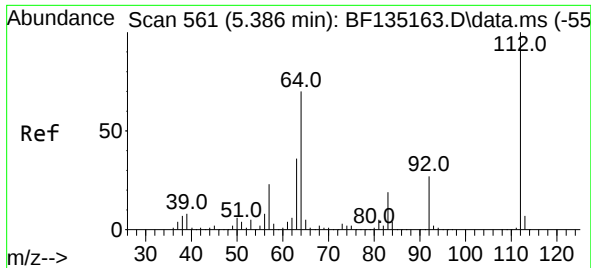
Tgt Ion: 79 Resp: 384090
 Ion Ratio Lower Upper
 79 100
 52 93.5 74.1 111.1
 51 43.8 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 43.954 ng
 RT: 3.216 min Scan# 192
 Delta R.T. 0.083 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

Tgt Ion: 42 Resp: 238441
 Ion Ratio Lower Upper
 42 100
 74 110.0 87.7 131.5
 44 7.2 5.6 8.4

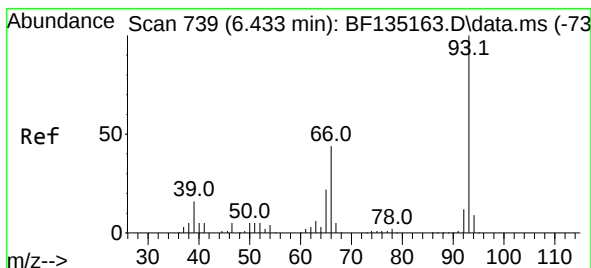
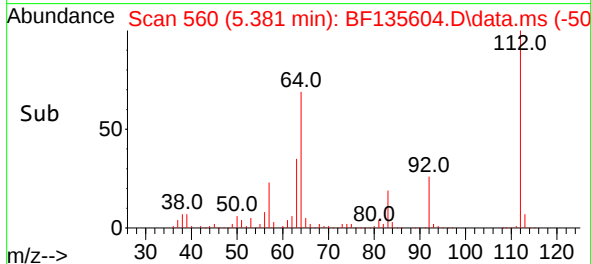
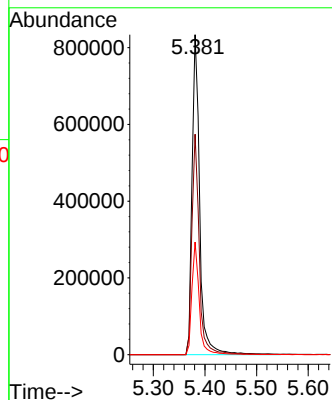
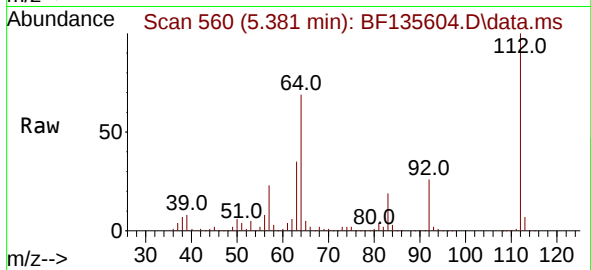




#5
2-Fluorophenol
Concen: 98.784 ng
RT: 5.381 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

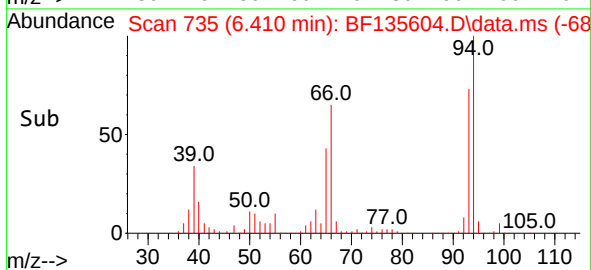
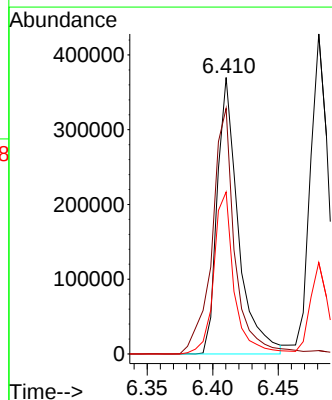
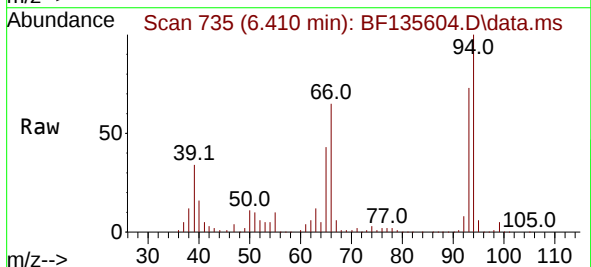
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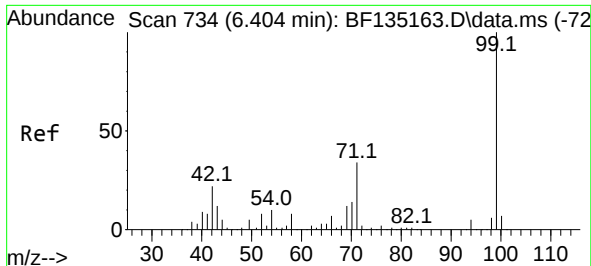
Tgt Ion:112 Resp: 855905
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 35.2 29.0 43.6



#6
Aniline
Concen: 28.497 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion: 93 Resp: 411709
Ion Ratio Lower Upper
93 100
66 88.9 35.4 53.0#
65 58.6 17.8 26.8#





#7

Phenol-d6

Concen: 91.645 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

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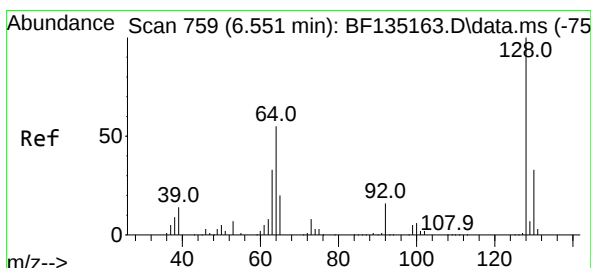
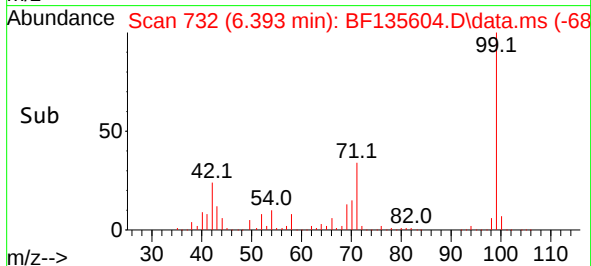
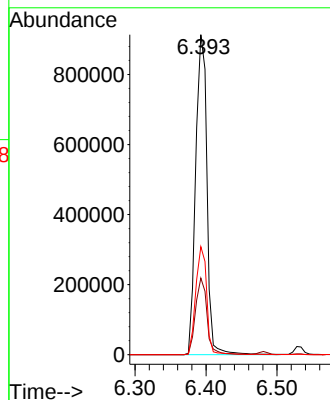
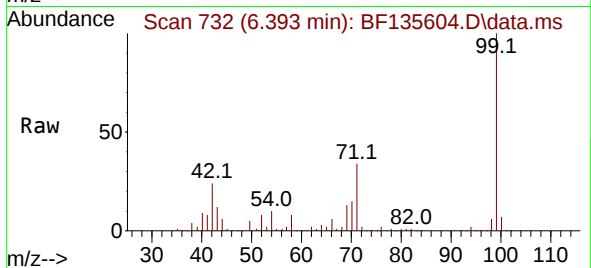
Tgt Ion: 99 Resp: 1009680

Ion Ratio Lower Upper

99 100

42 24.0 17.9 26.9

71 33.8 27.0 40.6



#8

2-Chlorophenol

Concen: 43.850 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

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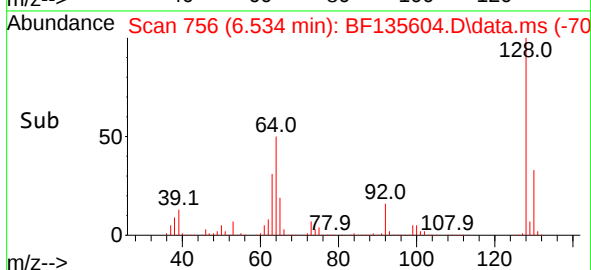
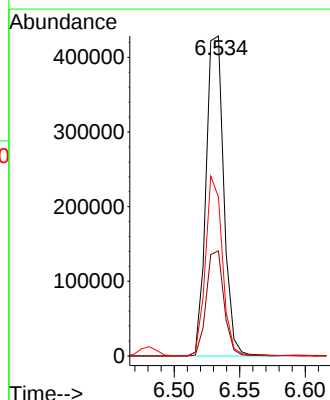
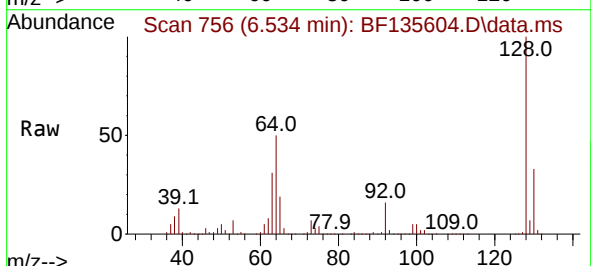
Tgt Ion:128 Resp: 405580

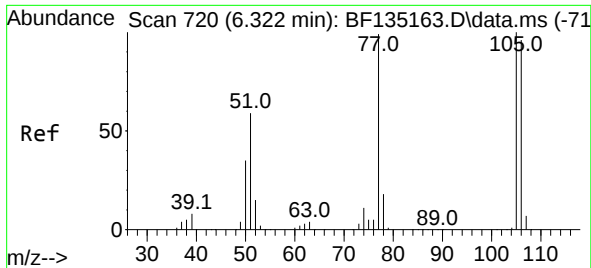
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

64 49.7 35.9 75.9





#9

Benzaldehyde

Concen: 36.445 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

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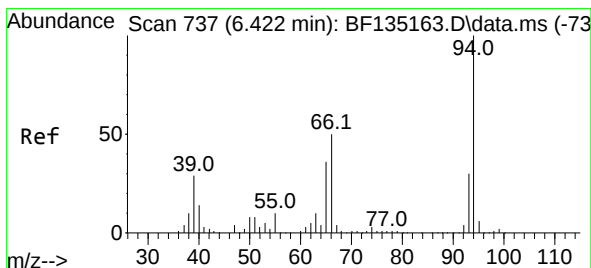
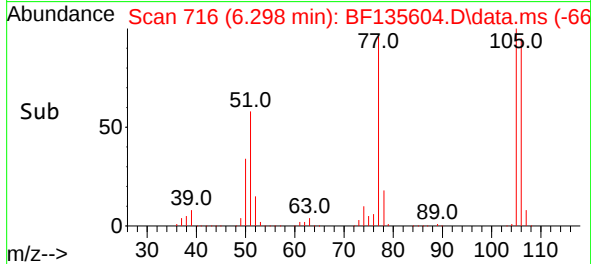
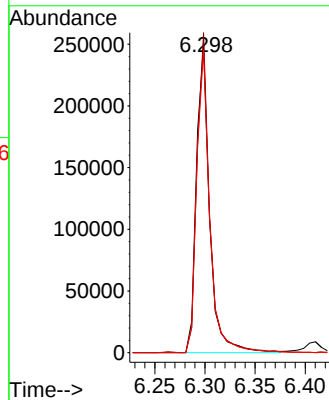
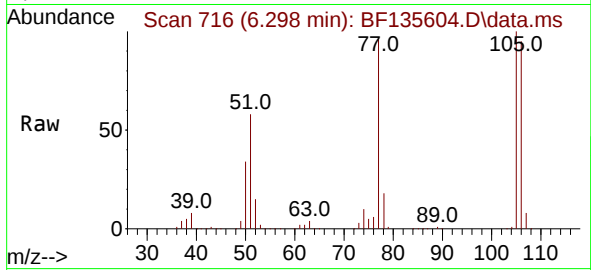
Tgt Ion: 77 Resp: 228740

Ion Ratio Lower Upper

77 100

105 104.0 81.4 121.4

106 98.4 76.9 116.9



#10

Phenol

Concen: 39.114 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

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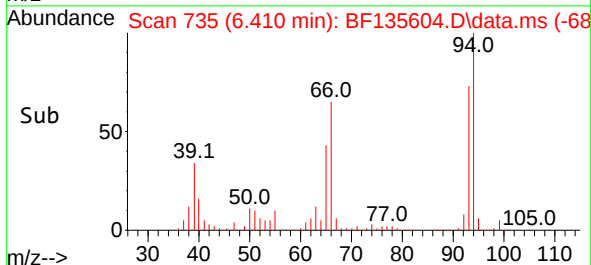
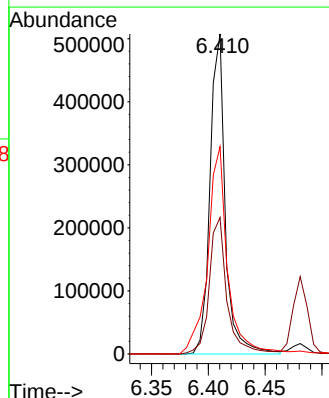
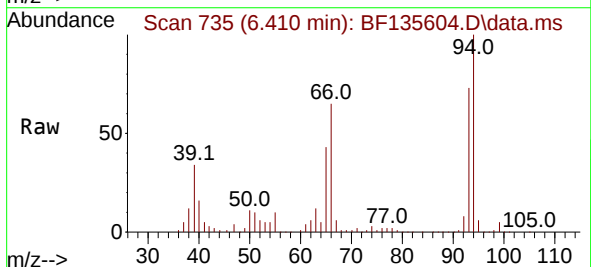
Tgt Ion: 94 Resp: 472529

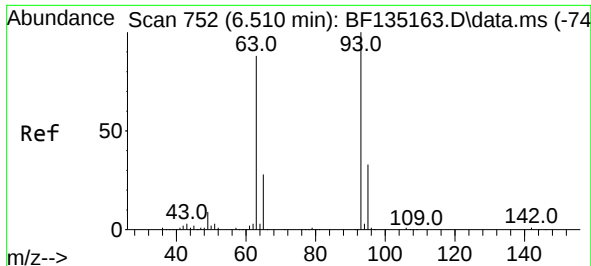
Ion Ratio Lower Upper

94 100

65 42.7 15.9 55.9

66 64.8 29.8 69.8

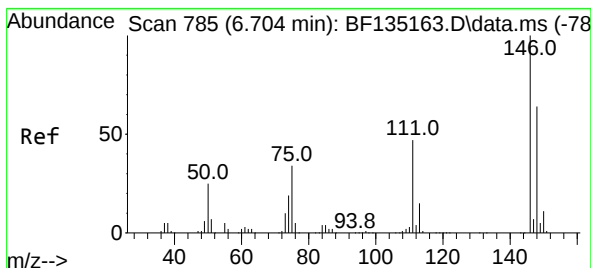
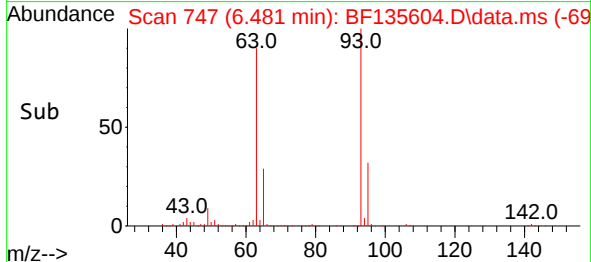
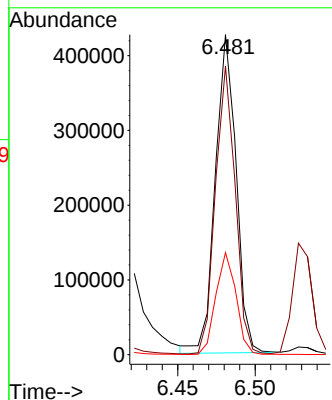
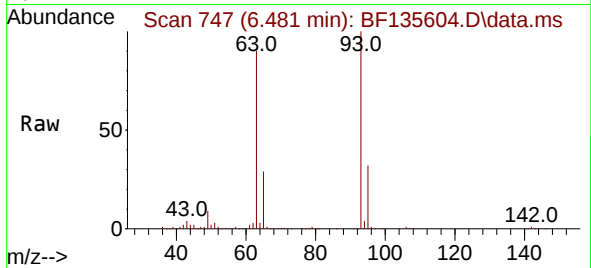




#11
bis(2-Chloroethyl)ether
Concen: 43.888 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

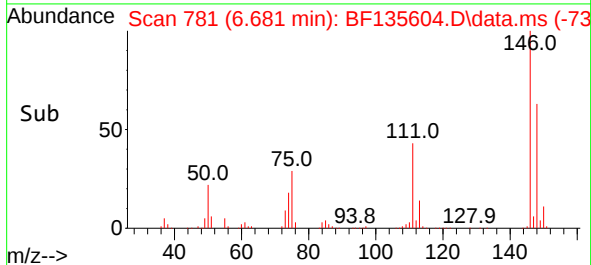
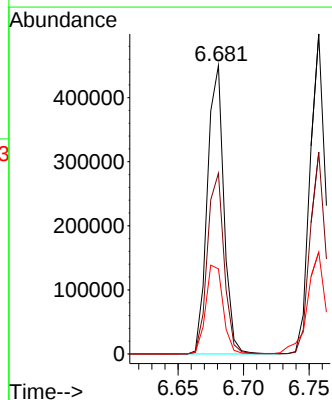
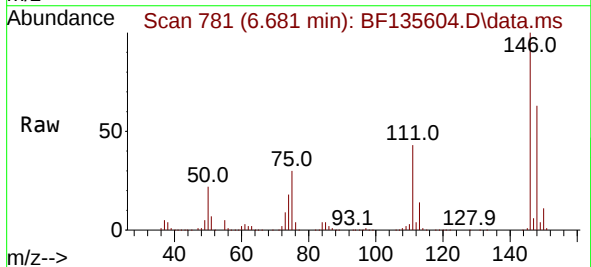
Instrument :
BNA_F
ClientSampleId :
WC-1MS

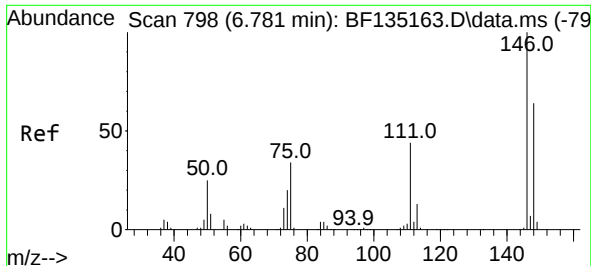
Tgt Ion: 93 Resp: 397716
Ion Ratio Lower Upper
93 100
63 90.2 67.3 107.3
95 31.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.039 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:146 Resp: 395167
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
75 29.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.367 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

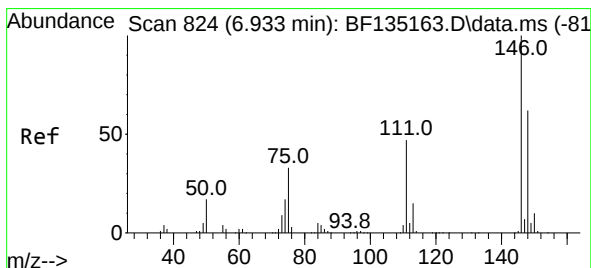
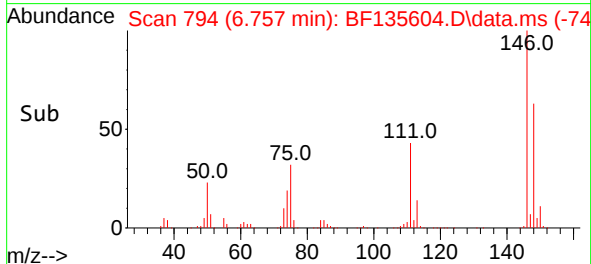
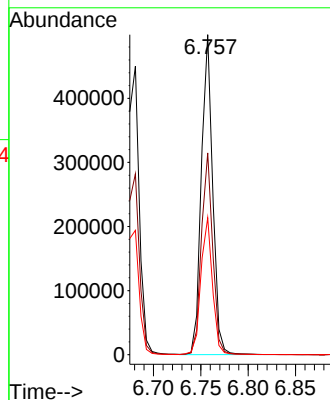
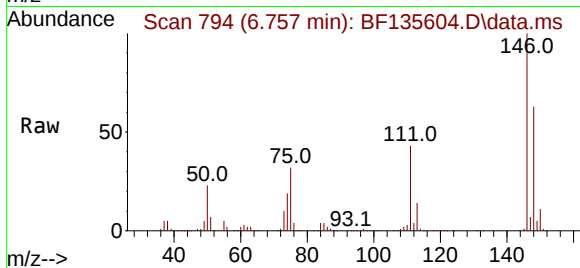
Tgt Ion:146 Resp: 414739

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

111 42.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 42.896 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

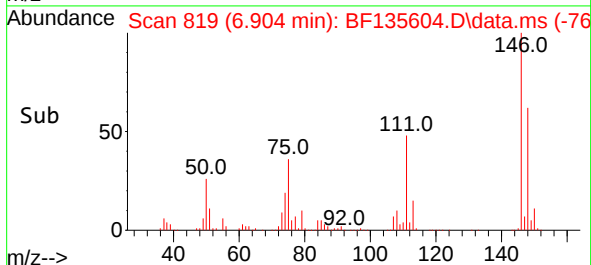
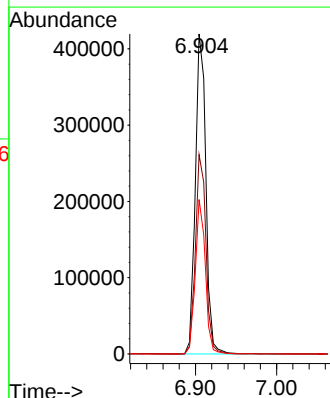
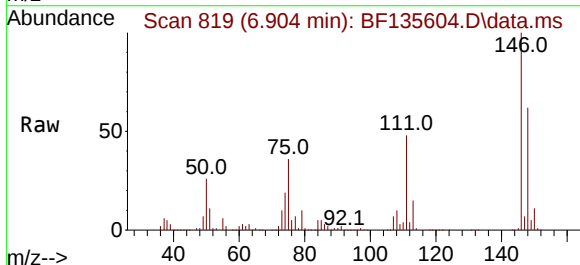
Tgt Ion:146 Resp: 380973

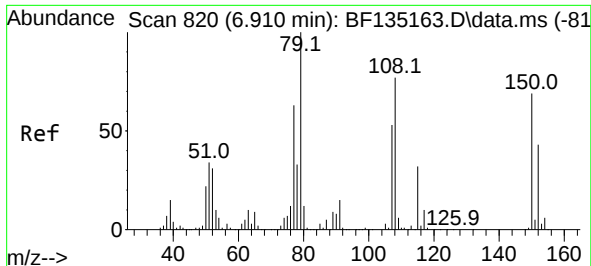
Ion Ratio Lower Upper

146 100

148 62.3 49.7 74.5

111 48.2 37.4 56.2

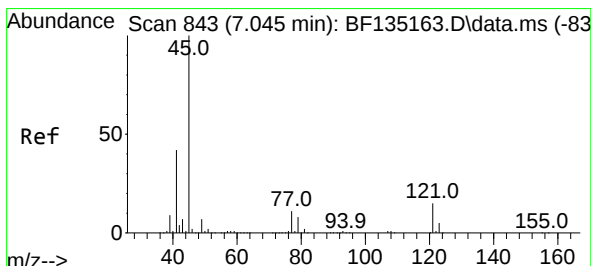
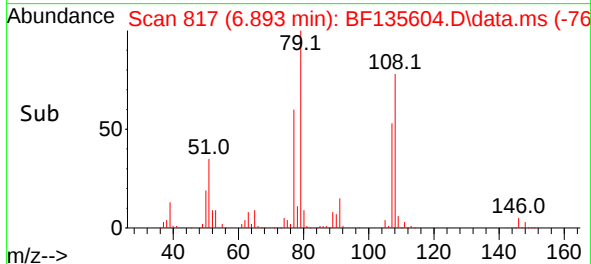
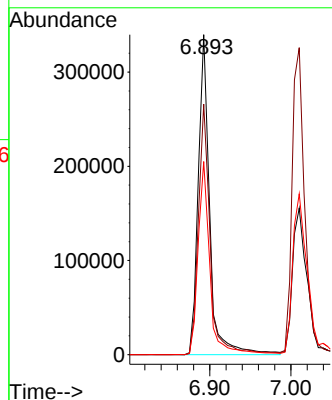
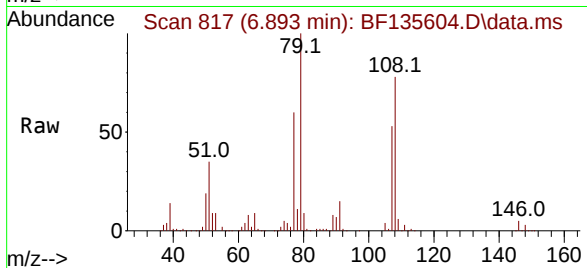




#15
Benzyl Alcohol
Concen: 42.228 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

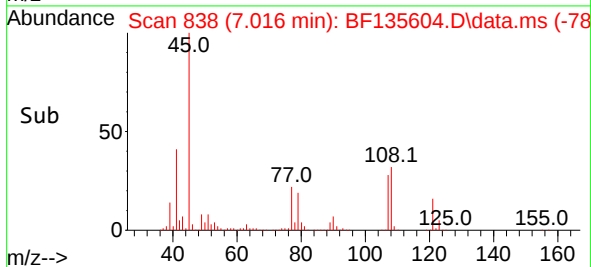
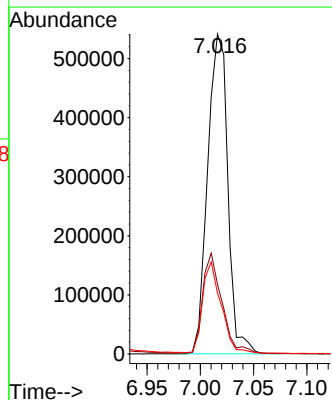
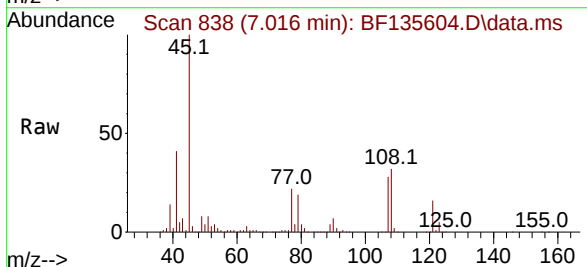
Instrument :
BNA_F
ClientSampleId :
WC-1MS

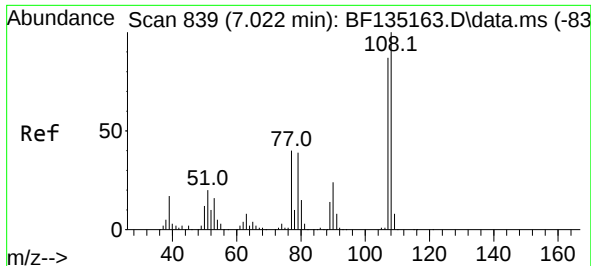
Tgt Ion: 79 Resp: 333848
Ion Ratio Lower Upper
79 100
108 78.3 61.2 91.8
77 60.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.733 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion: 45 Resp: 712848
Ion Ratio Lower Upper
45 100
77 21.8 0.0 30.6
79 19.1 0.0 28.3

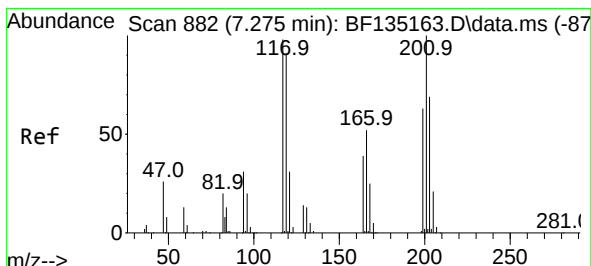
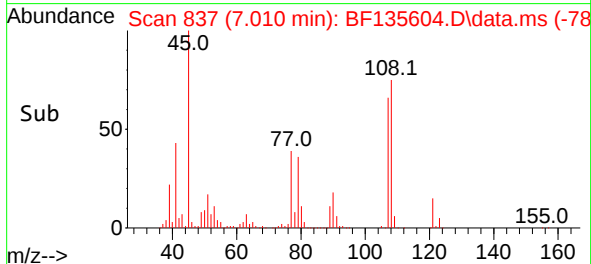
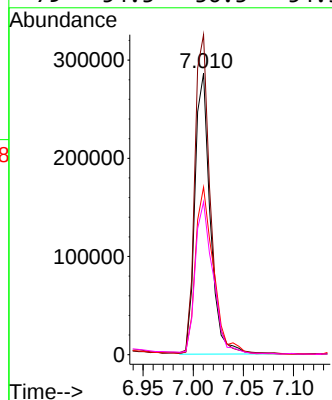
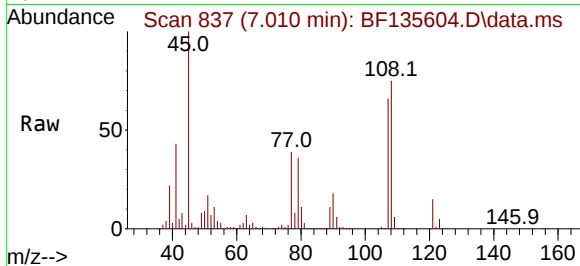




#17
2-Methylphenol
Concen: 37.291 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

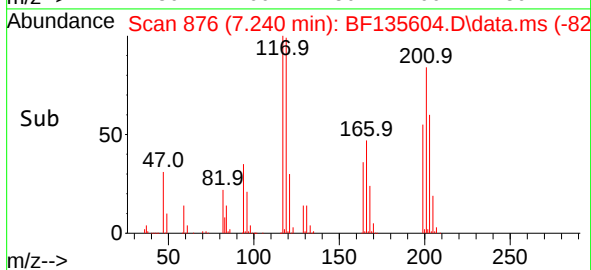
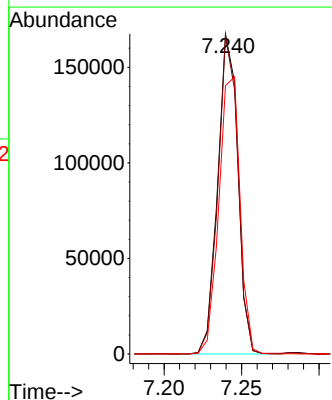
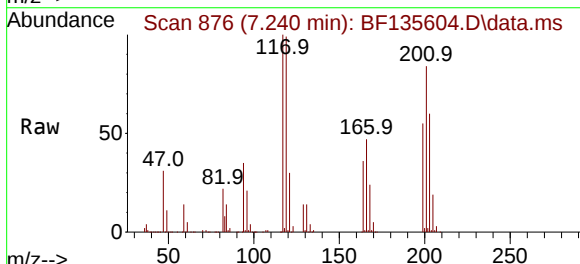
Instrument :
BNA_F
ClientSampleId :
WC-1MS

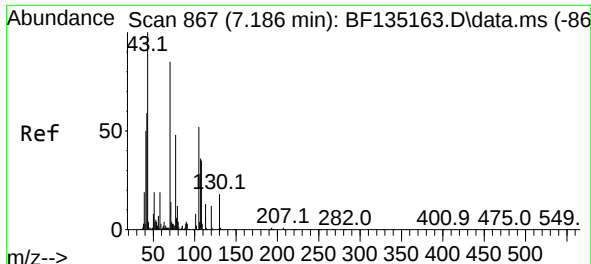
Tgt Ion:107 Resp: 304376
Ion Ratio Lower Upper
107 100
108 113.7 92.0 138.0
77 59.6 36.7 55.1#
79 54.3 36.3 54.5



#18
Hexachloroethane
Concen: 42.996 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:117 Resp: 151934
Ion Ratio Lower Upper
117 100
119 99.3 74.7 112.1
201 83.9 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.768 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 70 Resp: 264556

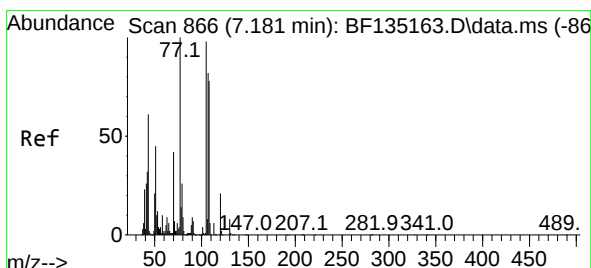
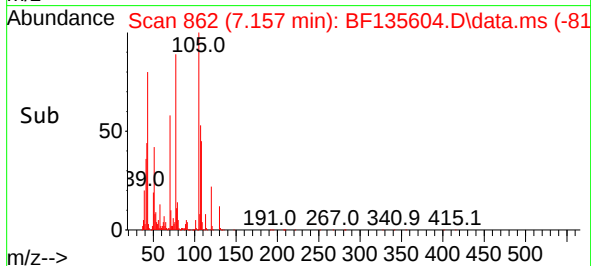
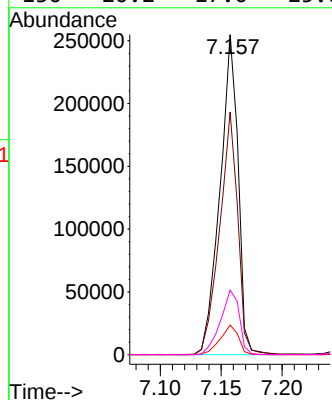
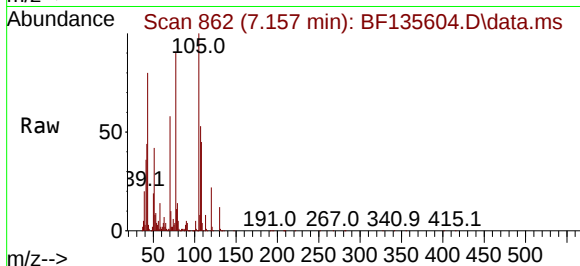
Ion Ratio Lower Upper

70 100

42 75.8 55.4 83.0

101 9.3 7.7 11.5

130 20.2 17.0 25.6



#20

3+4-Methylphenols

Concen: 38.881 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Tgt Ion: 107 Resp: 381608

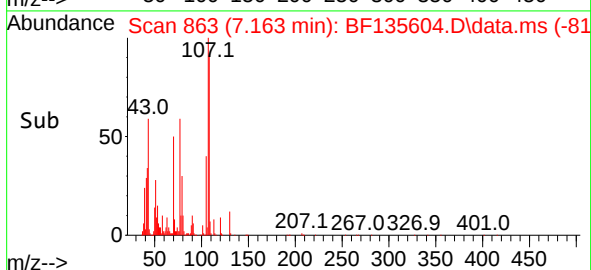
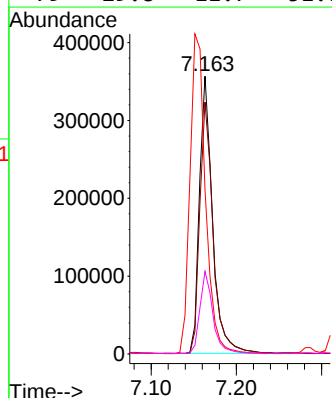
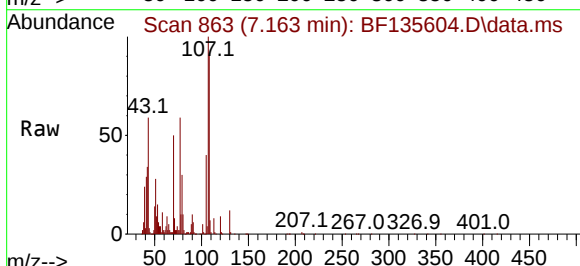
Ion Ratio Lower Upper

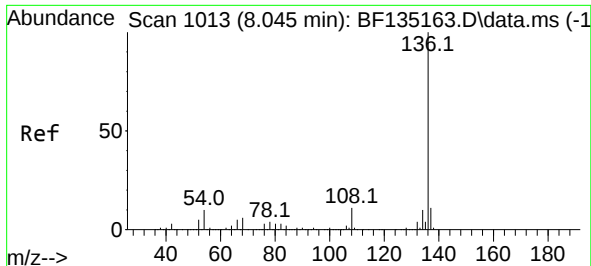
107 100

108 90.7 74.7 114.7

77 59.1 102.0 142.0#

79 29.8 11.7 51.7

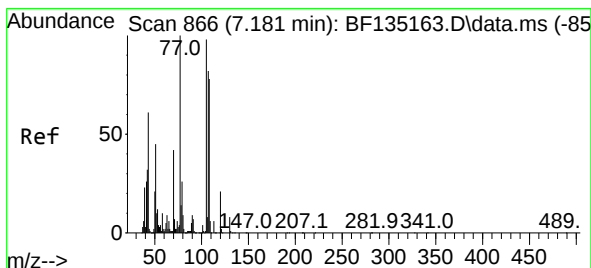
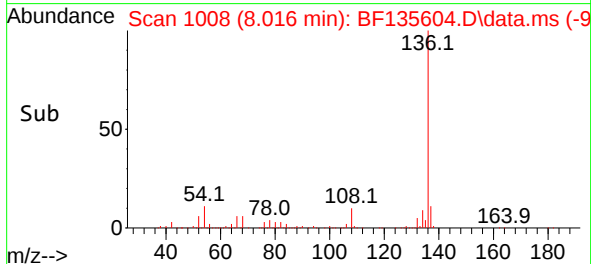
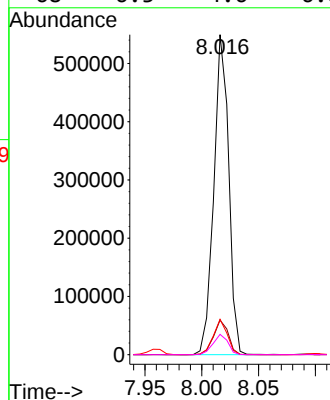
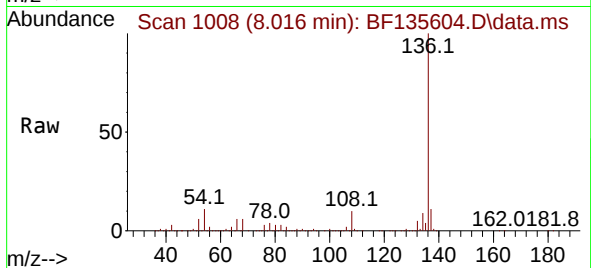




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

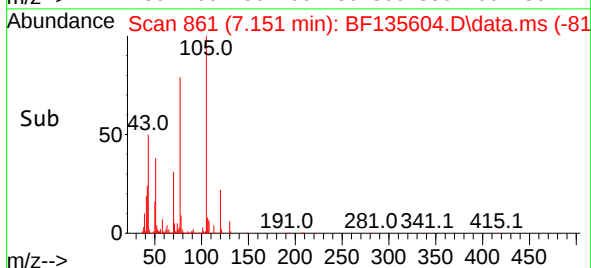
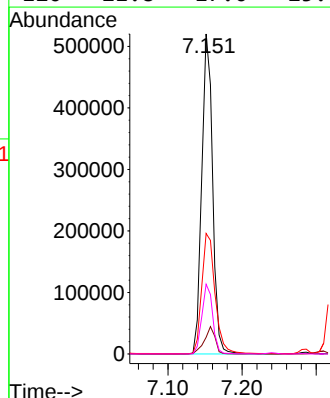
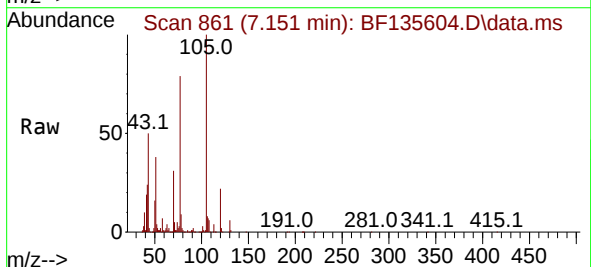
Instrument :
BNA_F
ClientSampleId :
WC-1MS

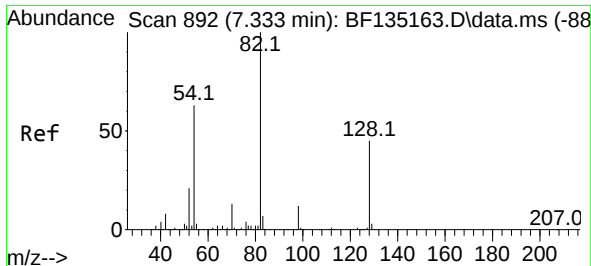
Tgt Ion:136	Resp: 500055
Ion Ratio	Lower Upper
136	100
137	10.8 8.8 13.2
54	11.1 7.7 11.5
68	6.3 4.6 6.8



#22
Acetophenone
Concen: 46.088 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:105	Resp: 526904
Ion Ratio	Lower Upper
105	100
71	5.2 5.8 8.6#
51	37.6 37.0 55.4
120	21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 70.919 ng

RT: 7.310 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

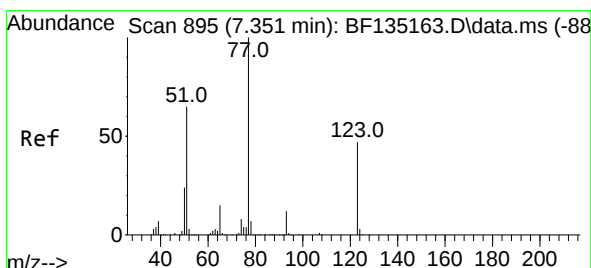
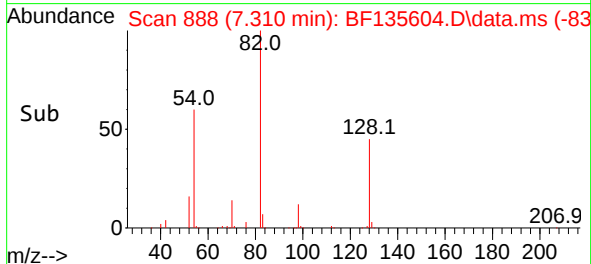
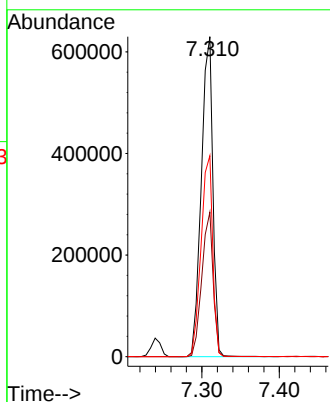
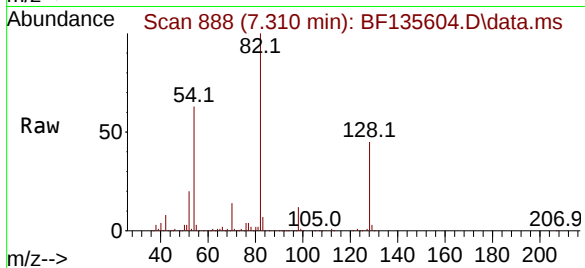
Tgt Ion: 82 Resp: 652745

Ion Ratio Lower Upper

82 100

128 45.1 35.8 53.6

54 62.8 50.6 76.0



#24

Nitrobenzene

Concen: 45.344 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

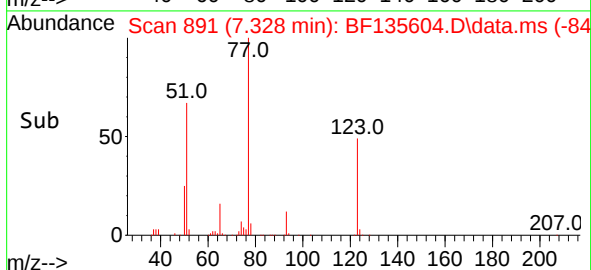
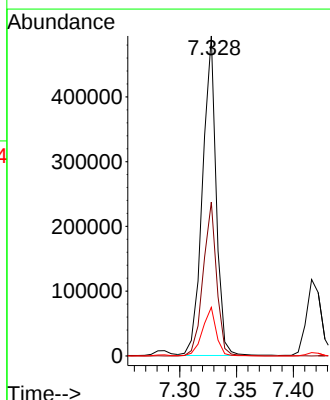
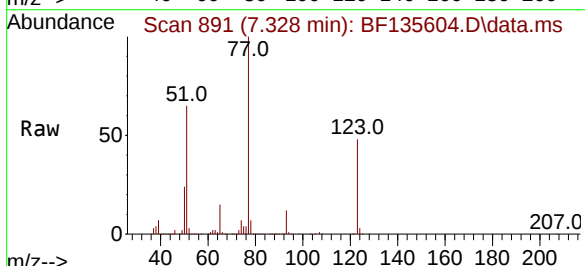
Tgt Ion: 77 Resp: 412510

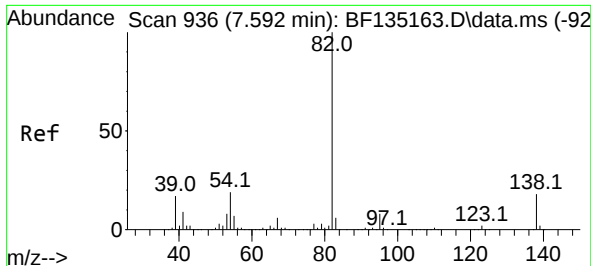
Ion Ratio Lower Upper

77 100

123 48.1 37.6 56.4

65 15.2 12.2 18.4

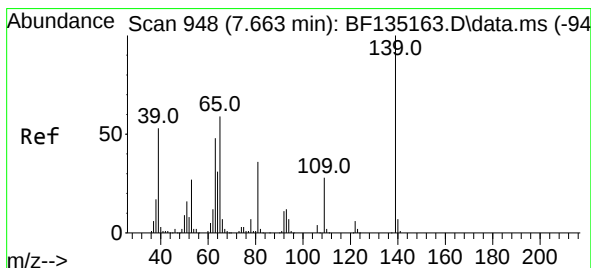
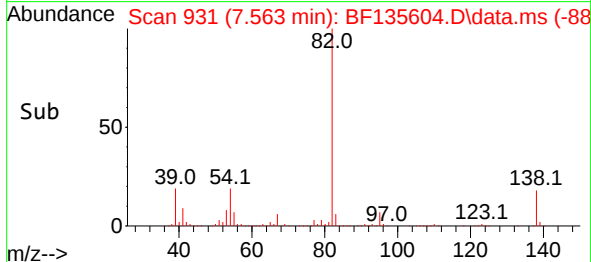
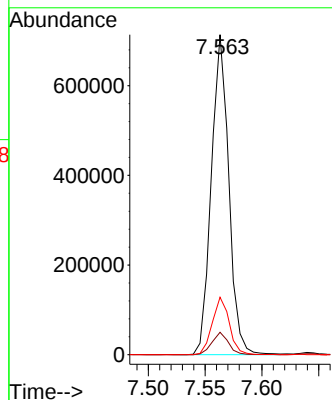
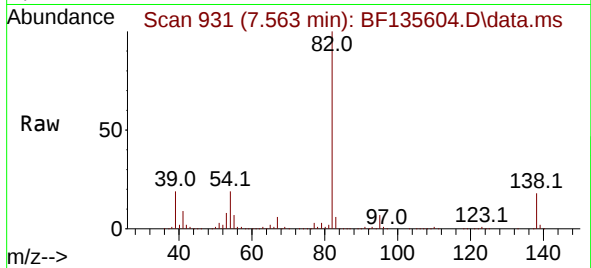




#25
Isophorone
Concen: 45.102 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

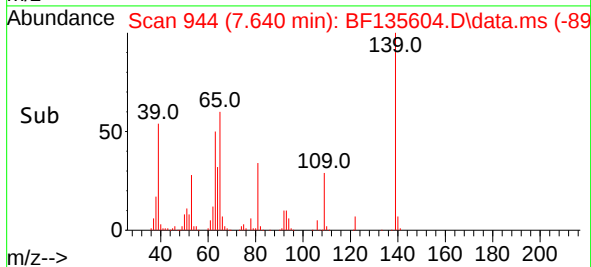
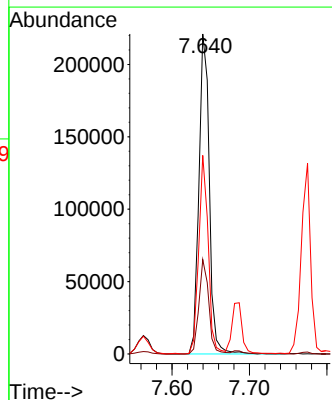
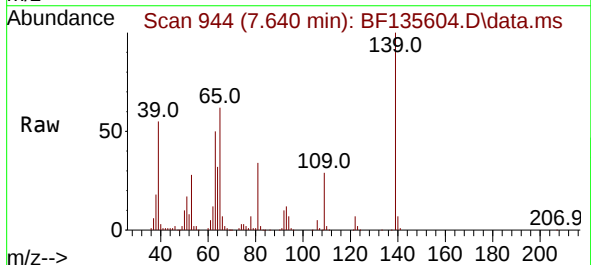
Instrument :
BNA_F
ClientSampleId :
WC-1MS

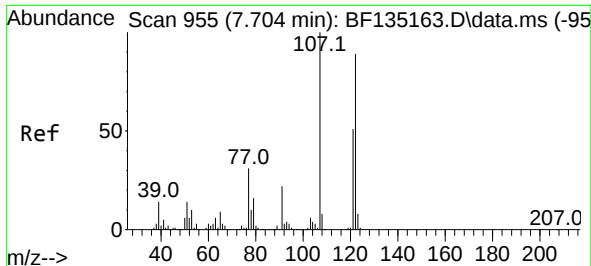
Tgt Ion: 82 Resp: 762284
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 47.209 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion: 139 Resp: 206125
Ion Ratio Lower Upper
139 100
109 29.5 22.6 33.8
65 62.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.498 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

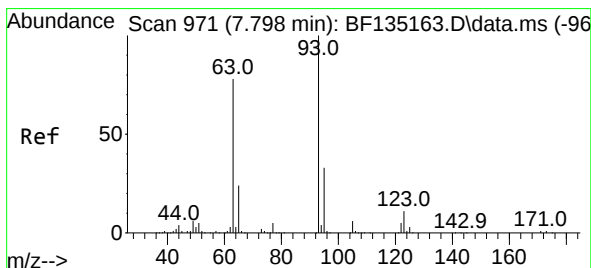
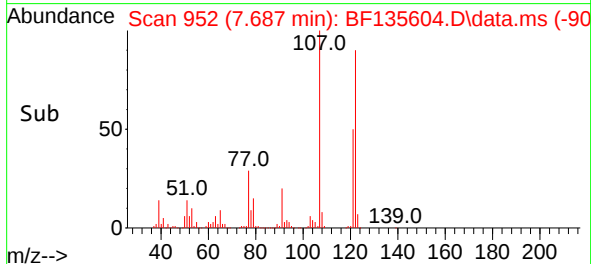
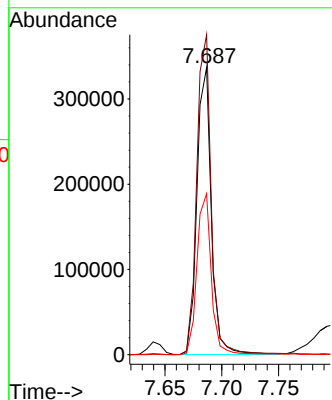
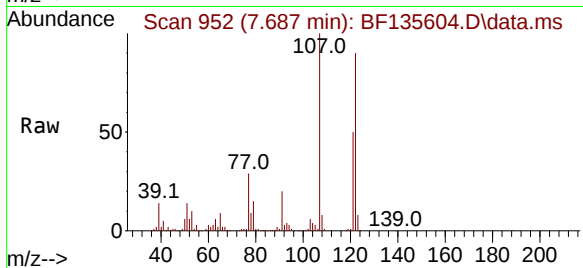
Tgt Ion:122 Resp: 297218

Ion Ratio Lower Upper

122 100

107 111.4 90.2 135.4

121 56.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.693 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

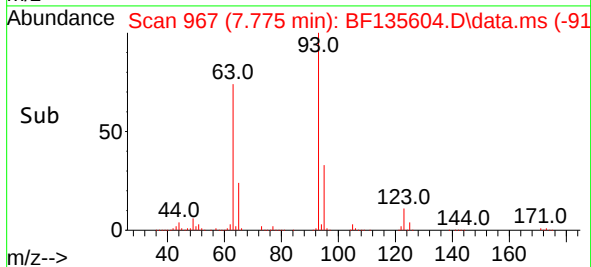
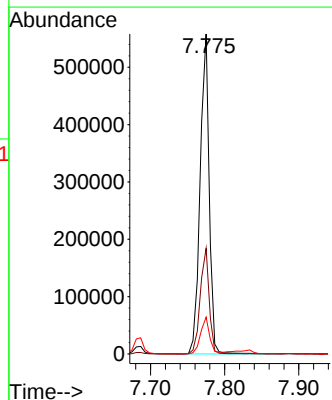
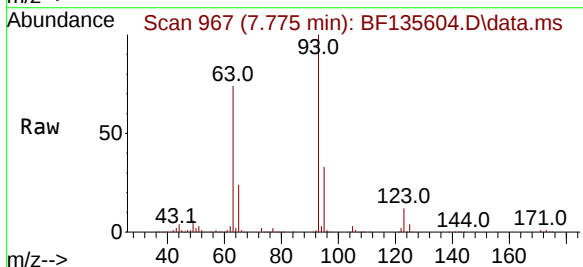
Tgt Ion: 93 Resp: 472337

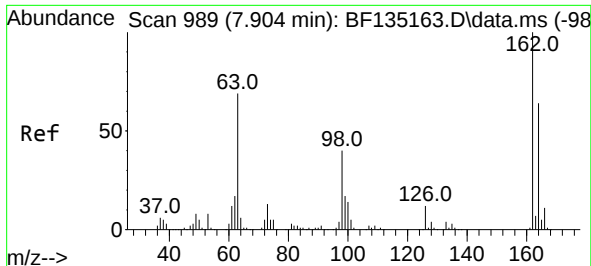
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 11.5 8.8 13.2

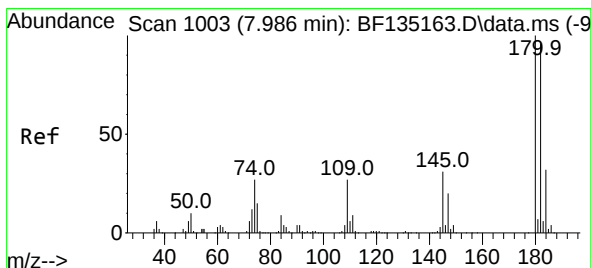
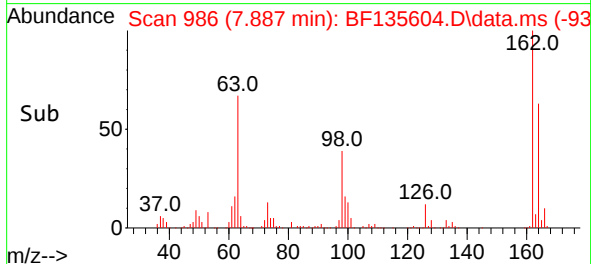
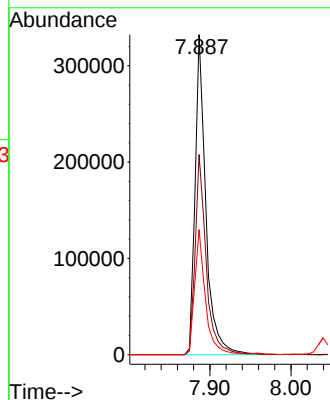
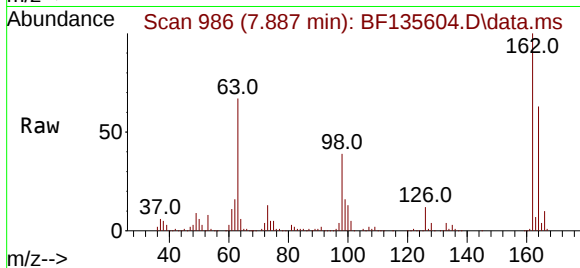




#29
2,4-Dichlorophenol
Concen: 45.404 ng
RT: 7.887 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

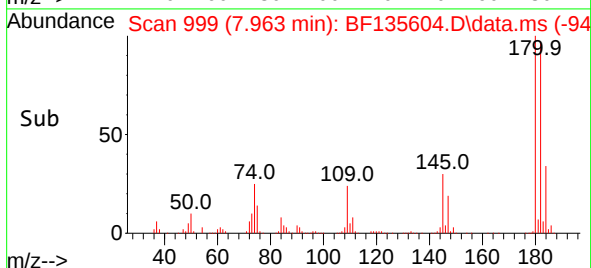
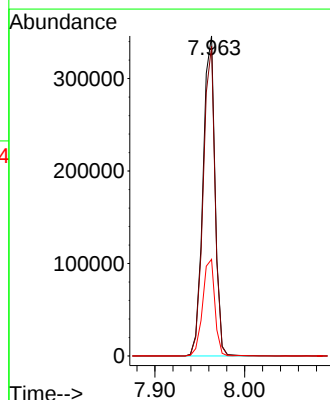
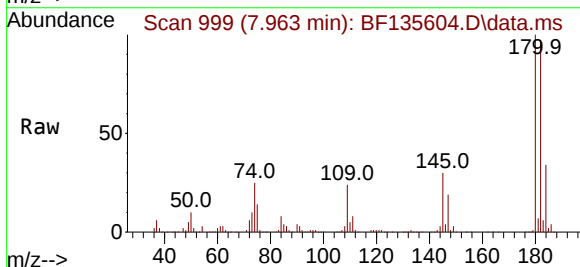
Instrument :
BNA_F
ClientSampleId :
WC-1MS

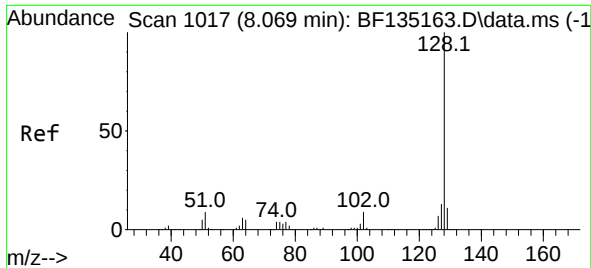
Tgt Ion:162 Resp: 308771
Ion Ratio Lower Upper
162 100
164 62.6 44.1 84.1
98 39.1 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 45.337 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:180 Resp: 322264
Ion Ratio Lower Upper
180 100
182 96.8 76.9 115.3
145 30.2 24.5 36.7

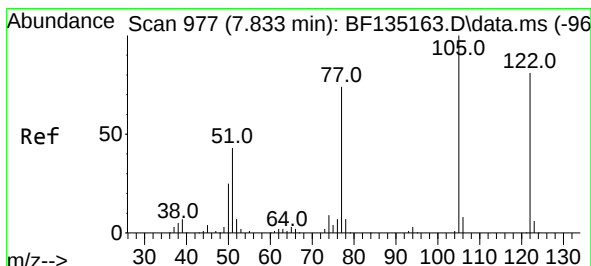
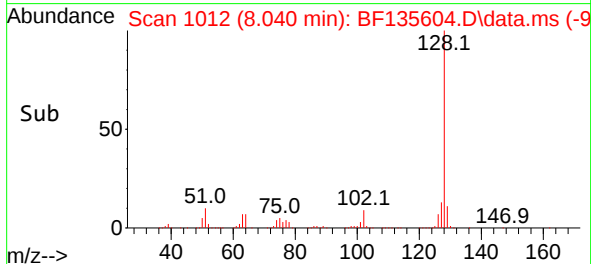
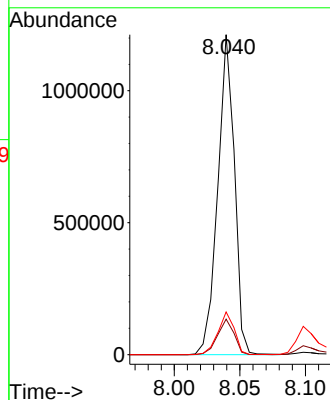
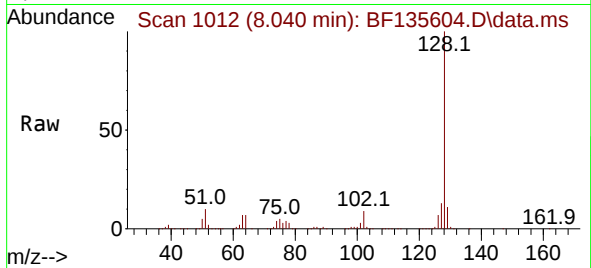




#31
Naphthalene
Concen: 43.981 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

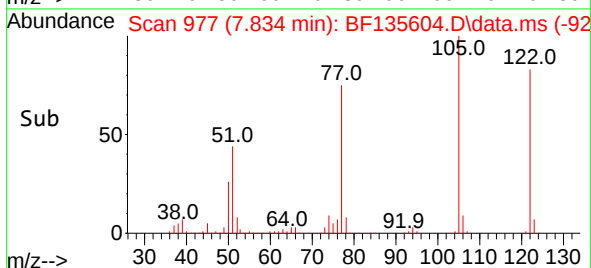
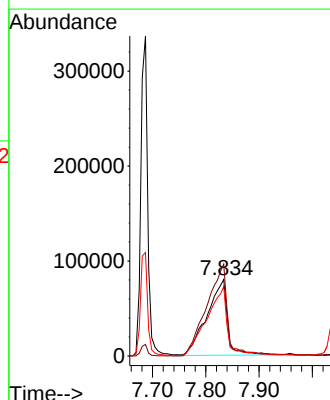
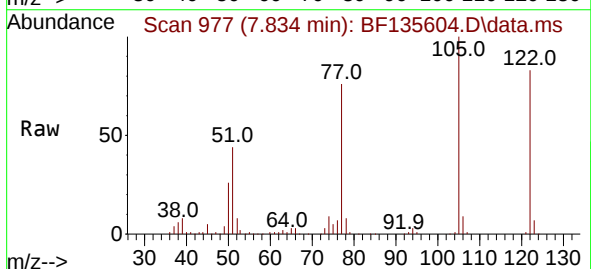
Instrument :
BNA_F
ClientSampleId :
WC-1MS

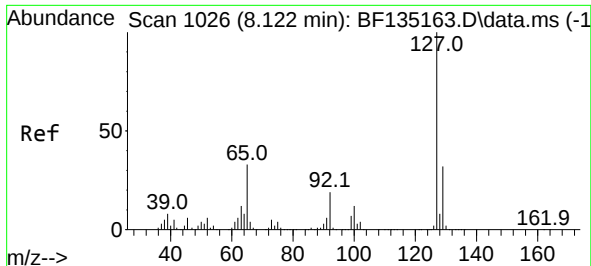
Tgt Ion:128 Resp: 1068564
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 38.528 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.012 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:122 Resp: 212921
Ion Ratio Lower Upper
122 100
105 120.0 99.9 139.9
77 90.7 70.0 110.0

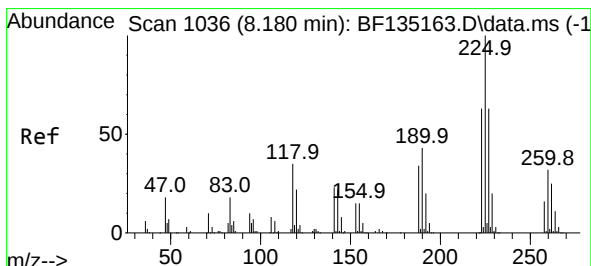
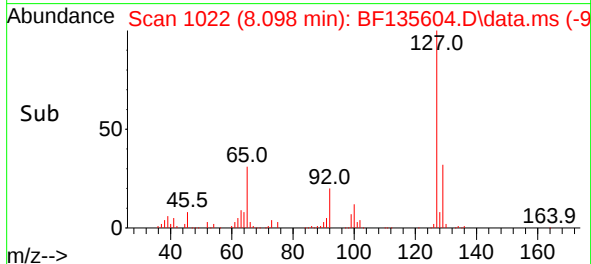
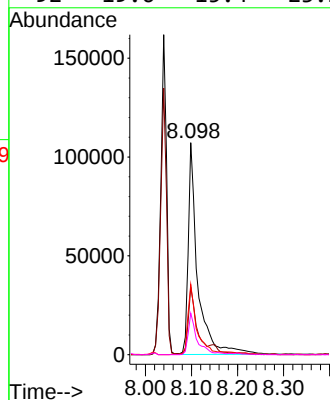
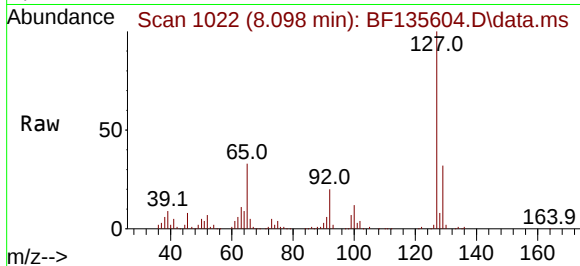




#33
4-Chloroaniline
Concen: 14.378 ng
RT: 8.098 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

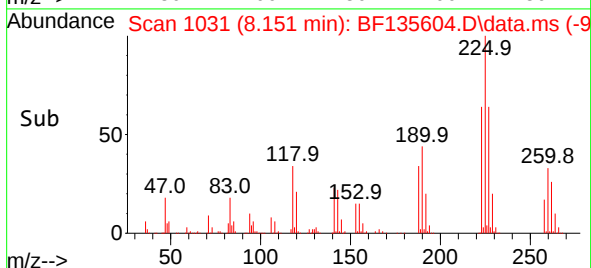
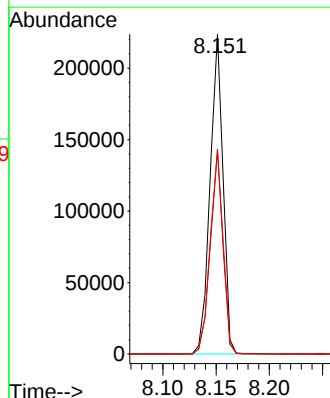
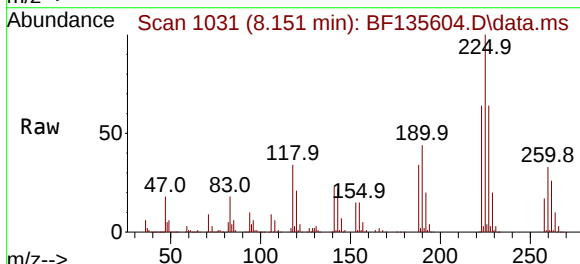
Instrument :
BNA_F
ClientSampleId :
WC-1MS

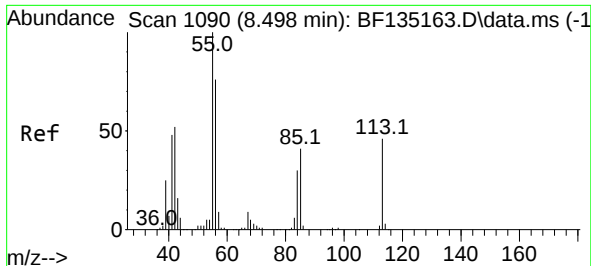
Tgt Ion:127	Resp: 153265
Ion Ratio	Lower Upper
127 100	
129 31.8	25.8 38.8
65 33.1	26.6 39.8
92 19.6	15.4 23.2



#34
Hexachlorobutadiene
Concen: 44.236 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:225	Resp: 189598
Ion Ratio	Lower Upper
225 100	
223 64.0	50.6 75.8
227 63.6	50.8 76.2

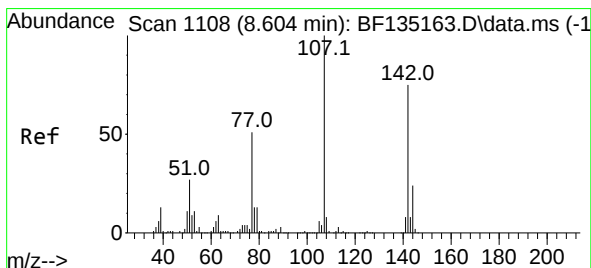
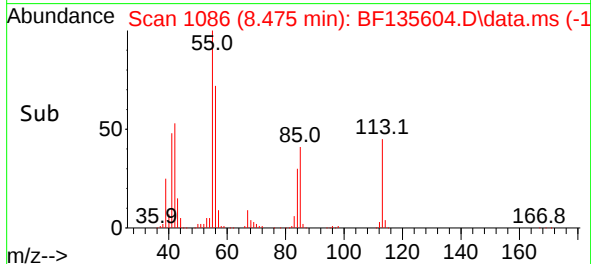
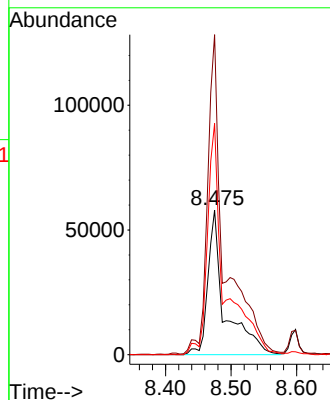
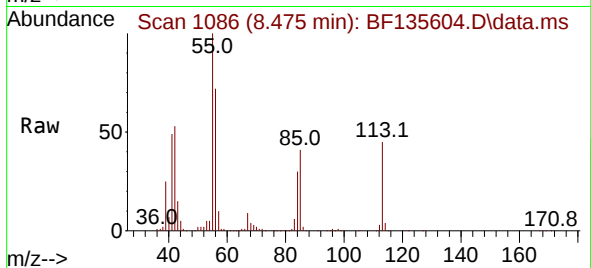




#35
 Caprolactam
 Concen: 45.909 ng
 RT: 8.475 min Scan# 1086
 Delta R.T. 0.006 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

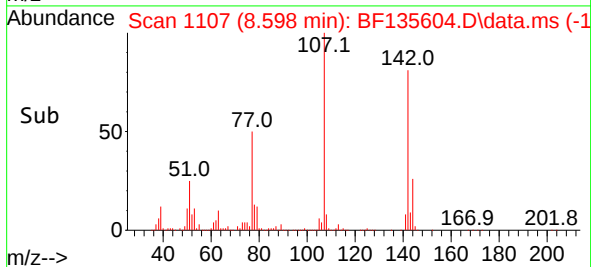
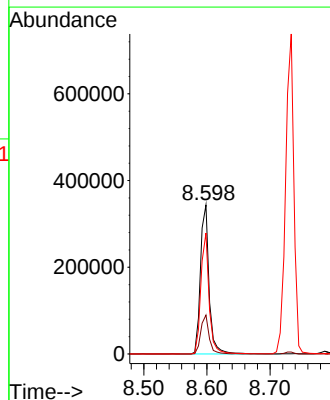
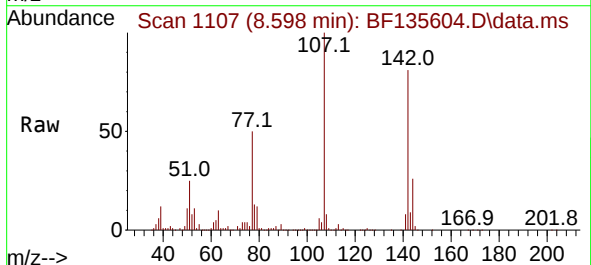
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

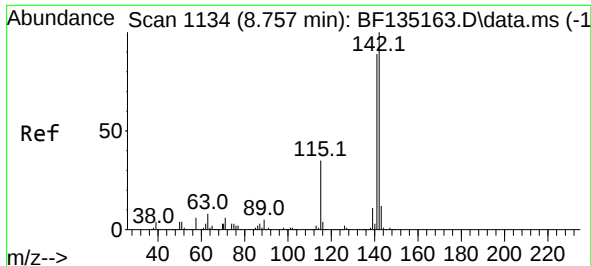
Tgt Ion:113 Resp: 104782
 Ion Ratio Lower Upper
 113 100
 55 221.3 199.3 239.3
 56 159.9 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.074 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

Tgt Ion:107 Resp: 325567
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.0 28.4
 142 81.2 60.2 90.2

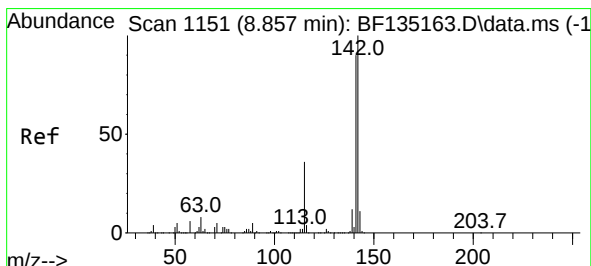
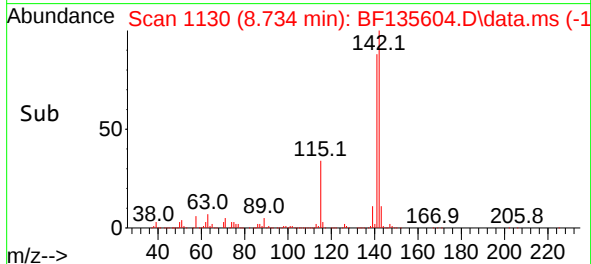
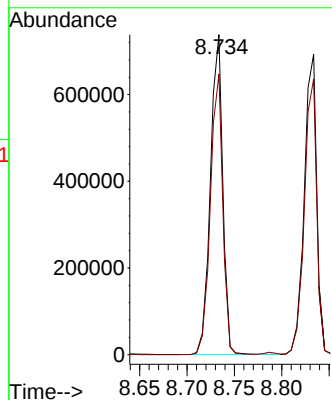
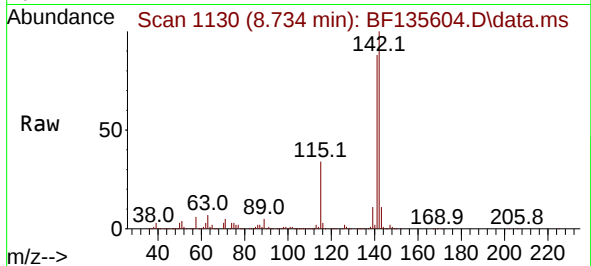




#37
2-Methylnaphthalene
Concen: 40.893 ng
RT: 8.734 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

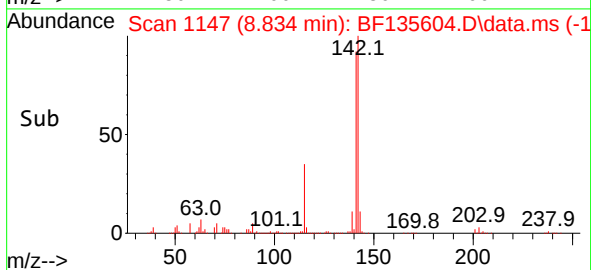
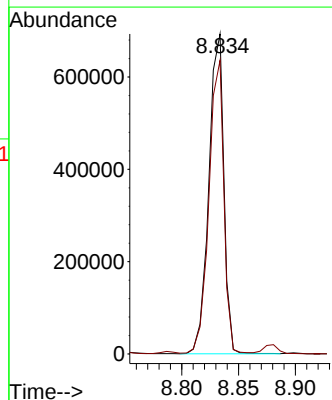
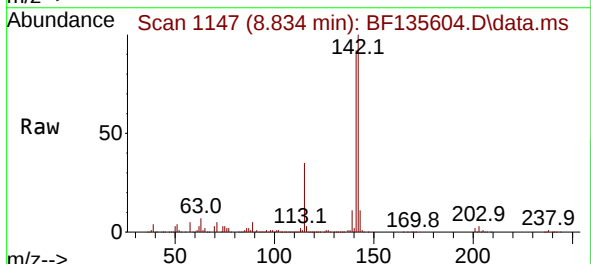
Instrument :
BNA_F
ClientSampleId :
WC-1MS

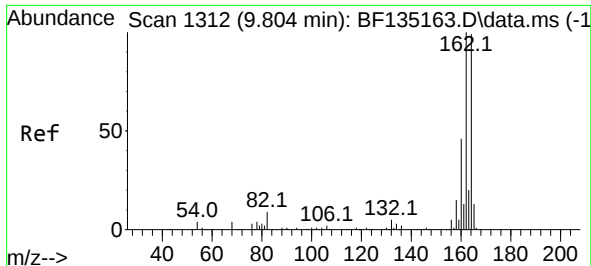
Tgt Ion:142 Resp: 667856
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6



#38
1-Methylnaphthalene
Concen: 41.668 ng
RT: 8.834 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:142 Resp: 637120
Ion Ratio Lower Upper
142 100
141 91.8 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

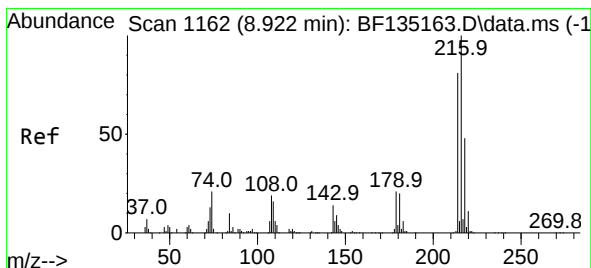
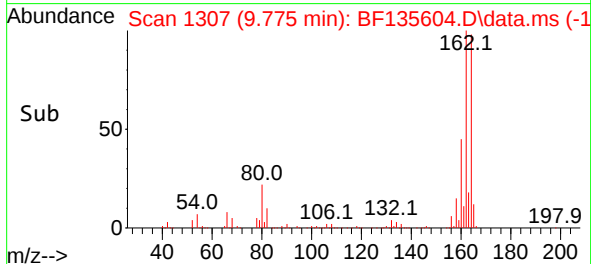
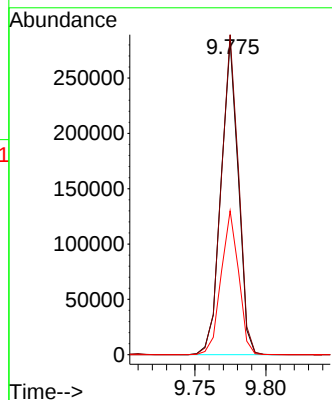
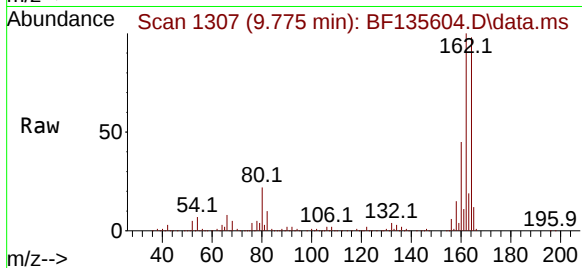
Tgt Ion:164 Resp: 239180

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.4

160 45.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.702 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Tgt Ion:216 Resp: 323609

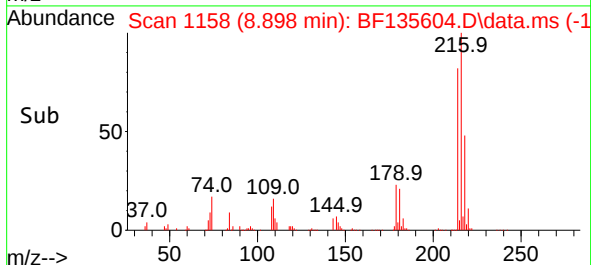
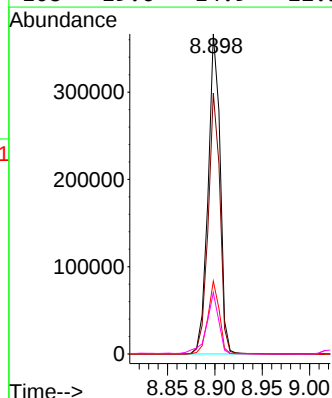
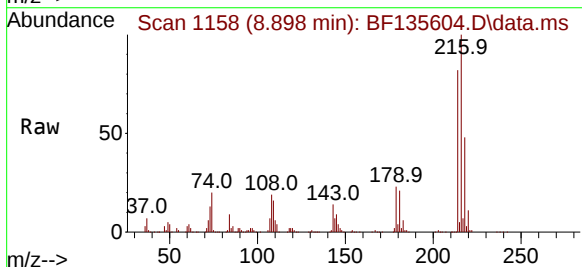
Ion Ratio Lower Upper

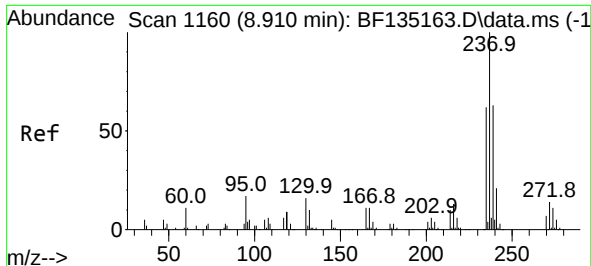
216 100

214 79.7 63.7 95.5

179 21.4 16.7 25.1

108 19.6 14.9 22.3

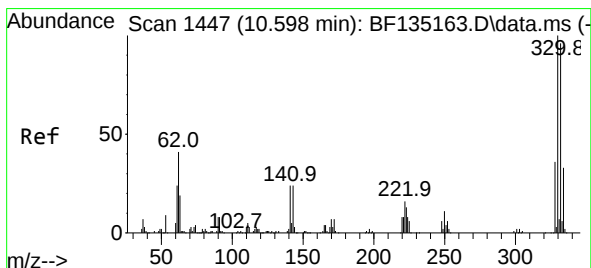
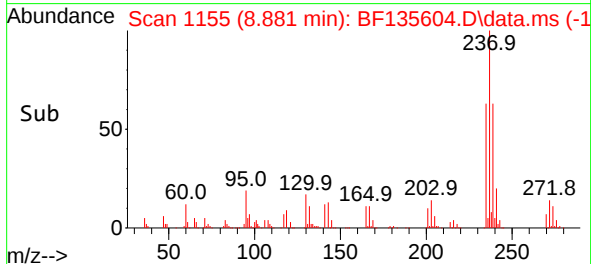
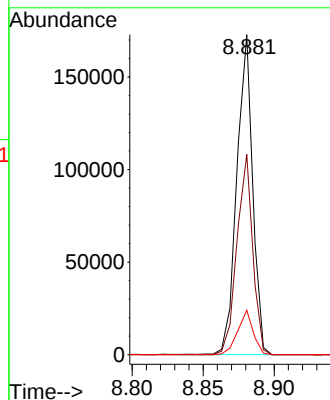
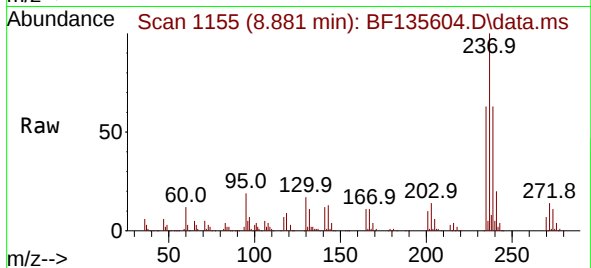




#41
Hexachlorocyclopentadiene
Concen: 47.357 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

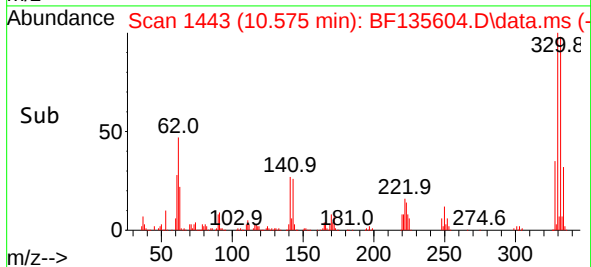
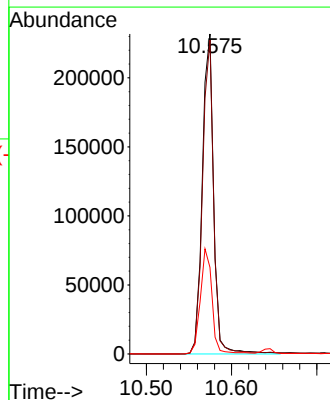
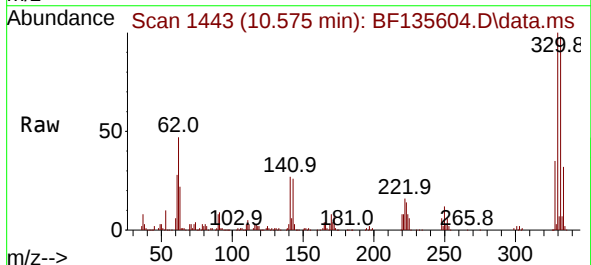
Instrument :
BNA_F
ClientSampleId :
WC-1MS

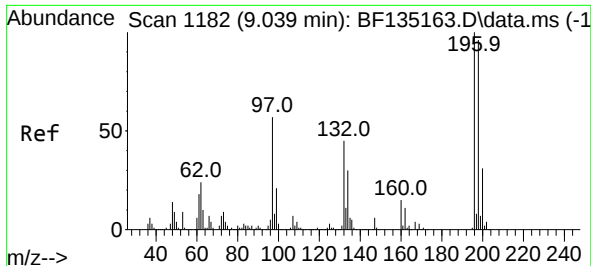
Tgt Ion:237 Resp: 134457
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 90.101 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:330 Resp: 214159
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 34.0 25.8 38.8

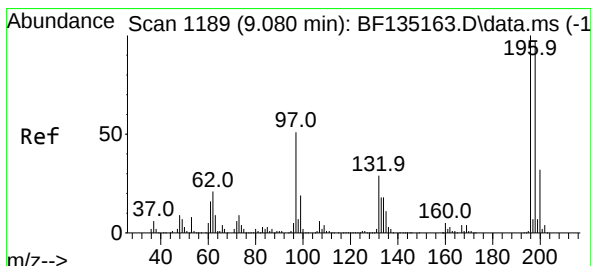
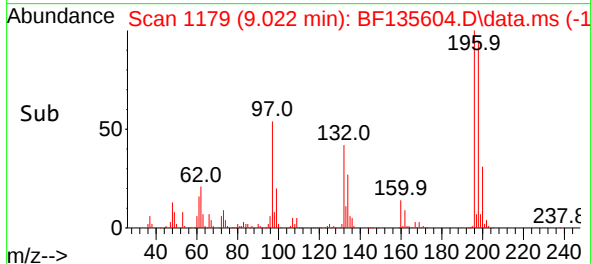
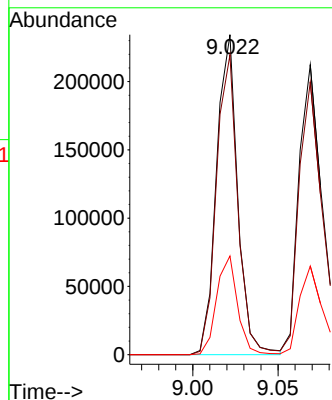
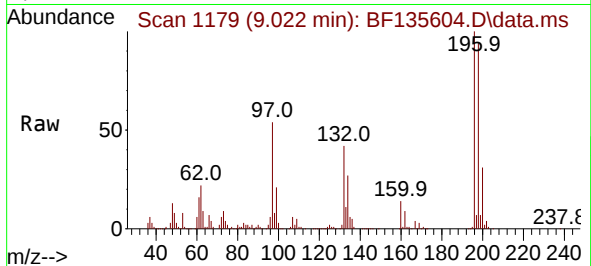




#43
2,4,6-Trichlorophenol
Concen: 44.802 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

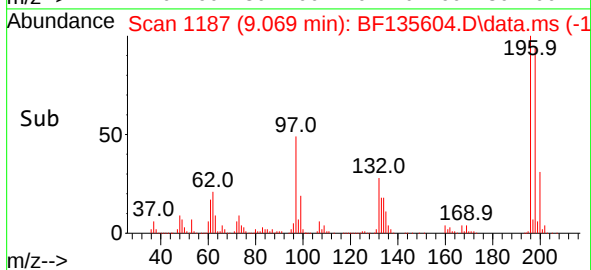
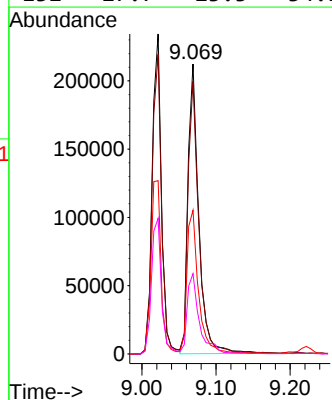
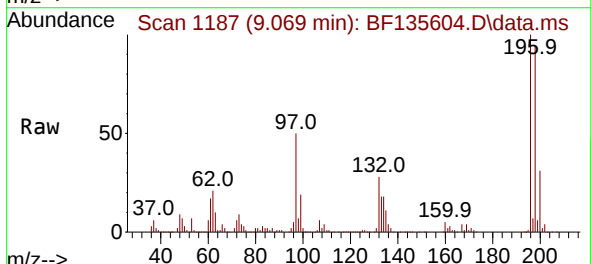
Instrument :
BNA_F
ClientSampleId :
WC-1MS

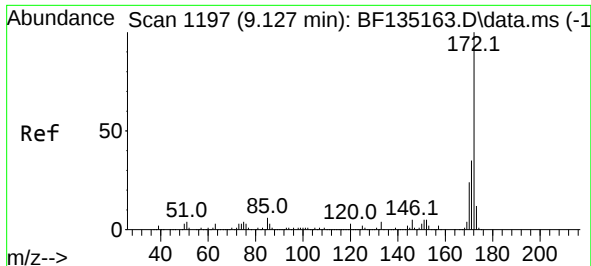
Tgt Ion:196 Resp: 203261
Ion Ratio Lower Upper
196 100
198 93.7 77.0 115.6
200 30.9 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 41.449 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:196 Resp: 216560
Ion Ratio Lower Upper
196 100
198 94.1 77.5 116.3
97 49.6 40.5 60.7
132 27.7 23.3 34.9

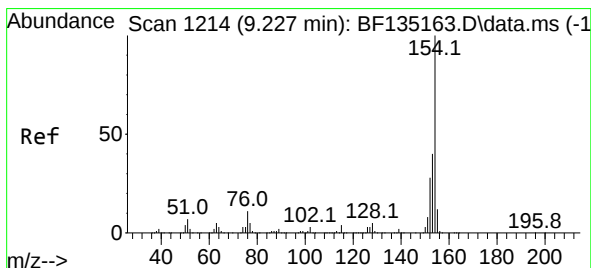
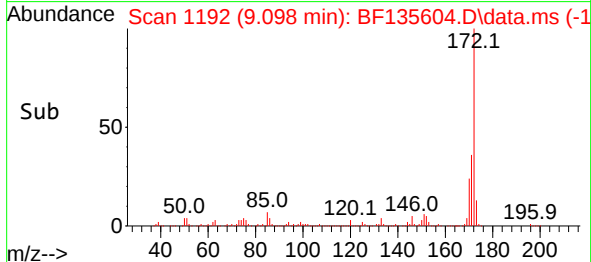
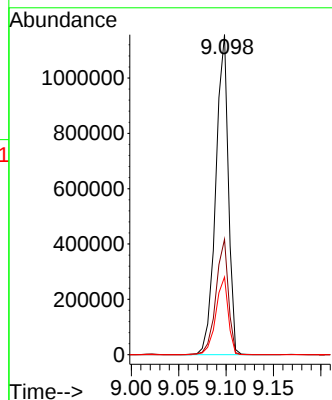
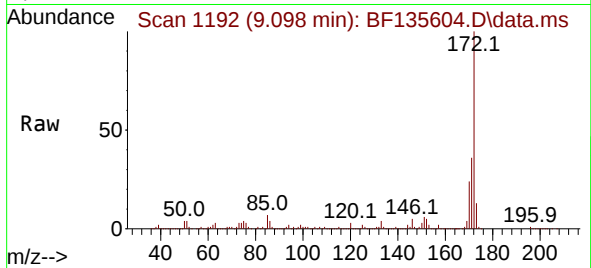




#45
2-Fluorobiphenyl
Concen: 67.180 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

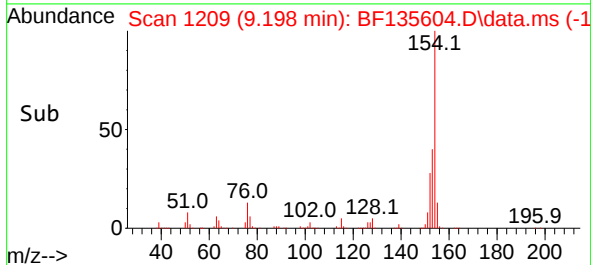
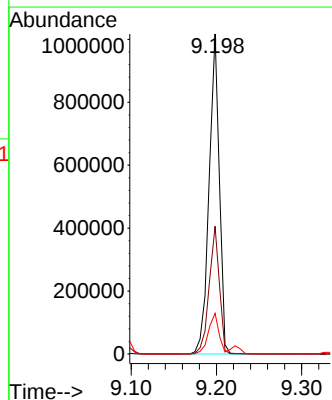
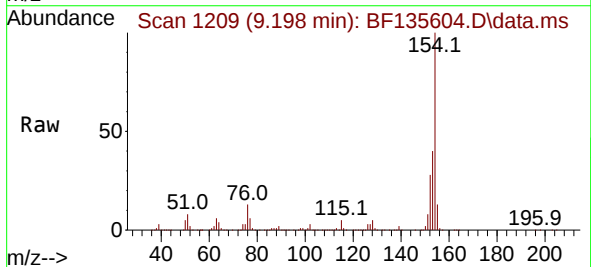
Instrument :
BNA_F
ClientSampleId :
WC-1MS

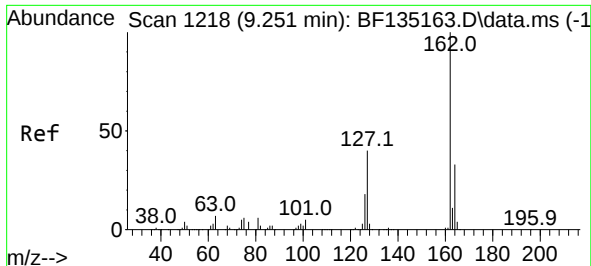
Tgt Ion:172 Resp: 1065011
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.191 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:154 Resp: 849021
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.014 ng

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

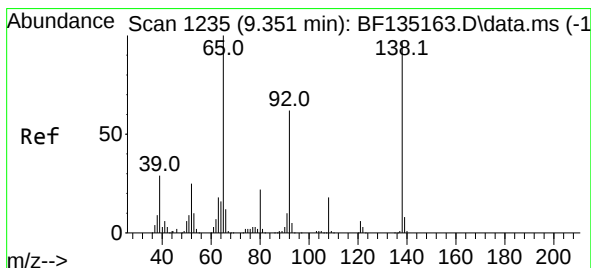
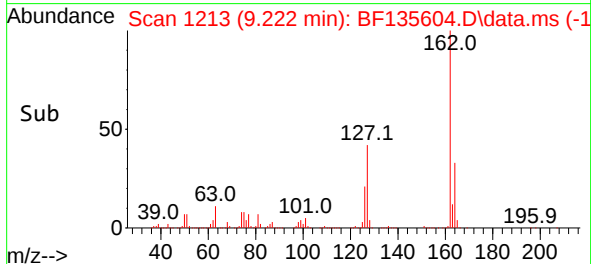
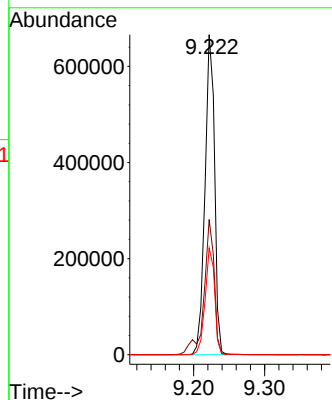
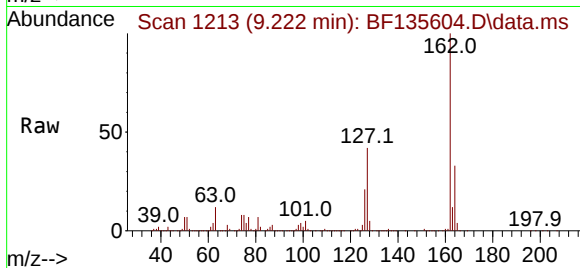
Tgt Ion:162 Resp: 626993

Ion Ratio Lower Upper

162 100

127 42.3 32.6 48.8

164 33.3 26.2 39.2



#48

2-Nitroaniline

Concen: 45.040 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

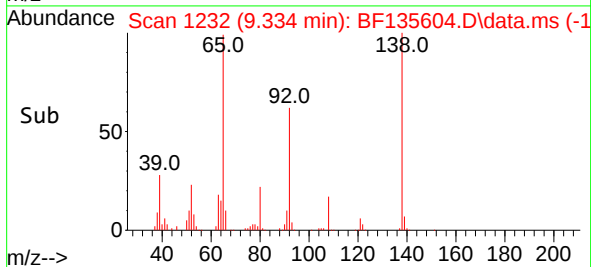
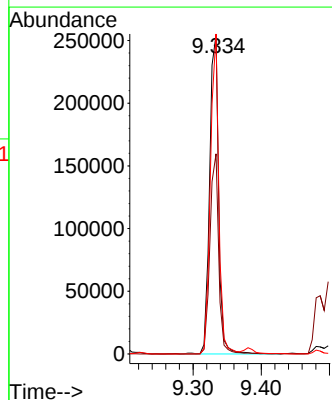
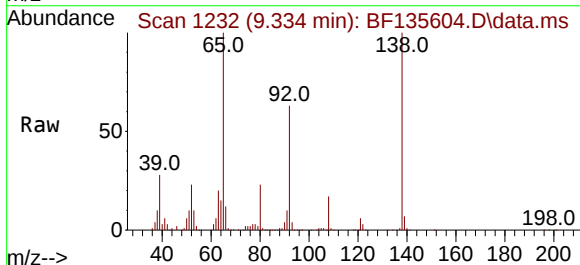
Tgt Ion: 65 Resp: 233355

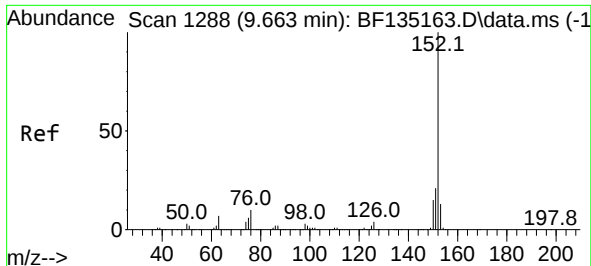
Ion Ratio Lower Upper

65 100

92 62.7 49.4 74.0

138 100.3 77.4 116.0





#49

Acenaphthylene

Concen: 44.536 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

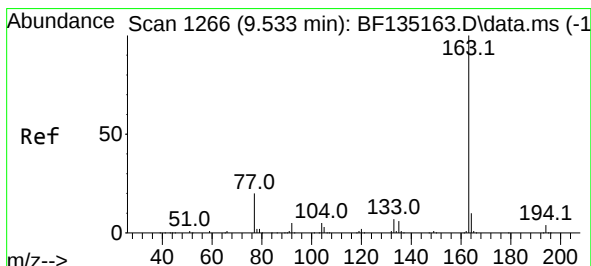
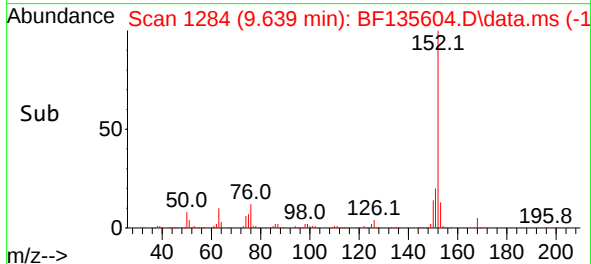
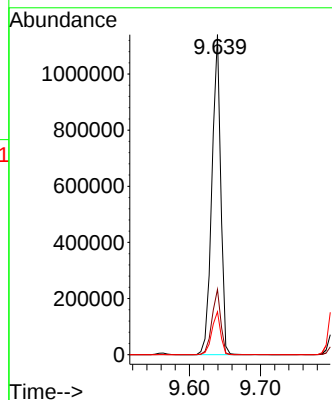
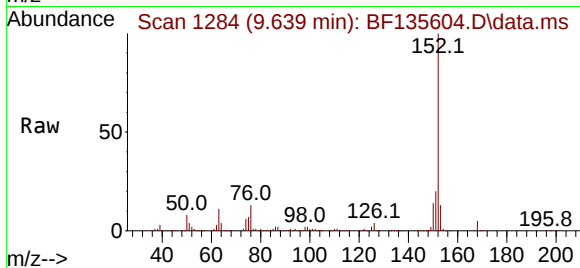
Tgt Ion:152 Resp: 987094

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 45.138 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

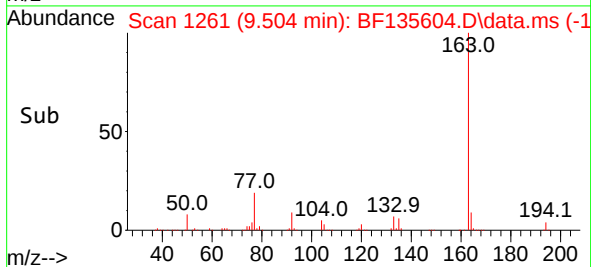
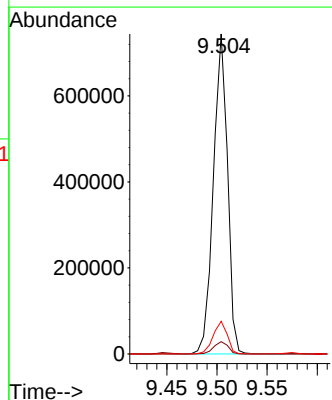
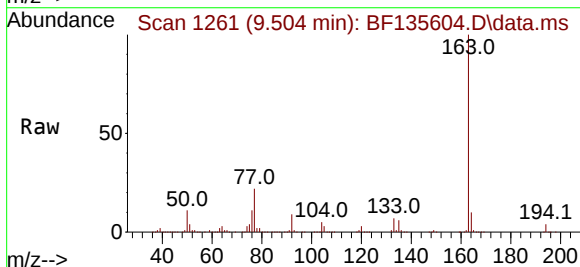
Tgt Ion:163 Resp: 729928

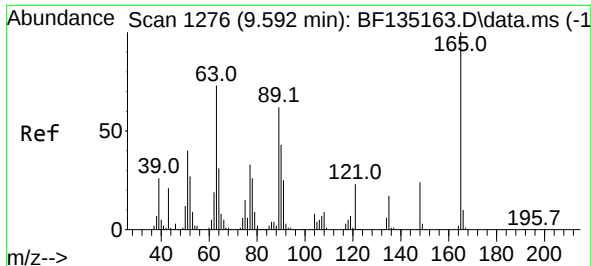
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.1 12.1

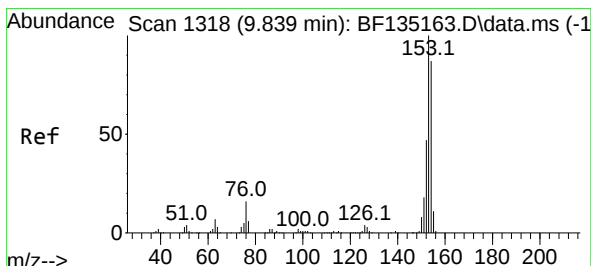
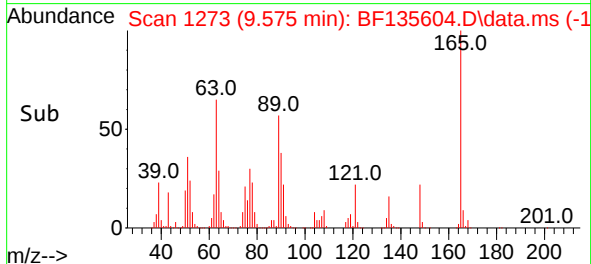
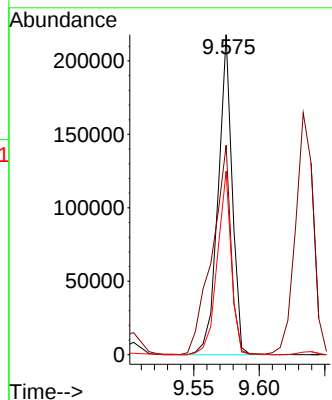
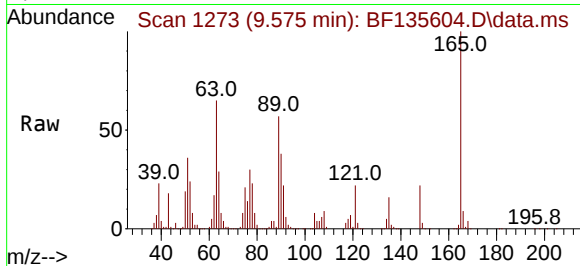




#51
2,6-Dinitrotoluene
Concen: 45.736 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

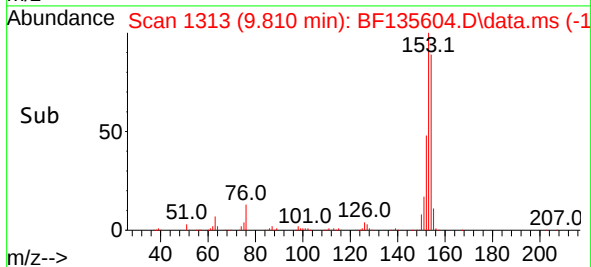
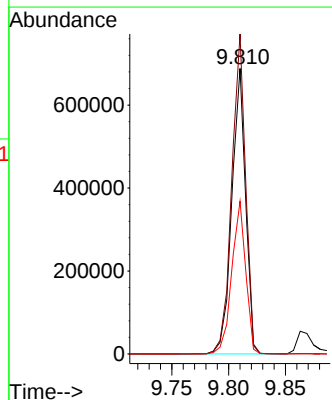
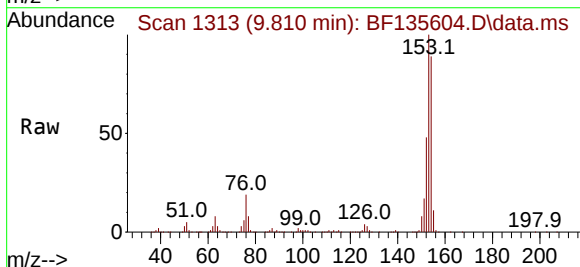
Instrument :
BNA_F
ClientSampleId :
WC-1MS

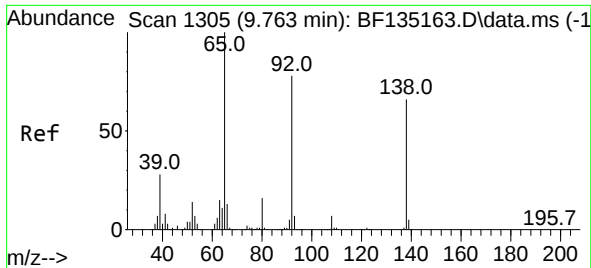
Tgt Ion:165 Resp: 162020
Ion Ratio Lower Upper
165 100
63 65.4 59.4 89.2
89 57.3 49.8 74.8



#52
Acenaphthene
Concen: 44.224 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:154 Resp: 579032
Ion Ratio Lower Upper
154 100
153 112.1 92.1 138.1
152 53.5 43.1 64.7

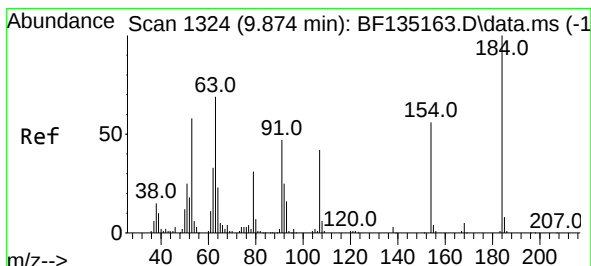
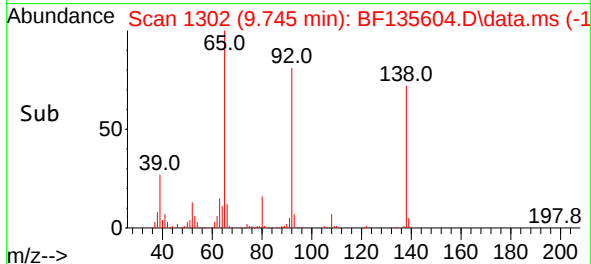
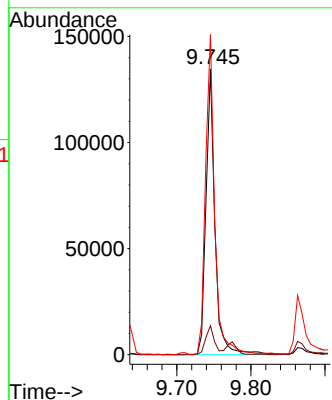
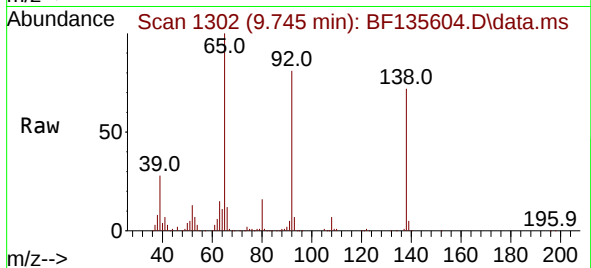




#53
3-Nitroaniline
Concen: 27.245 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

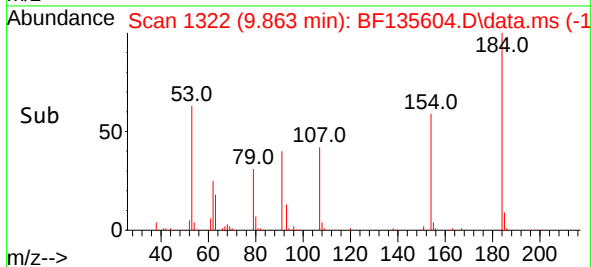
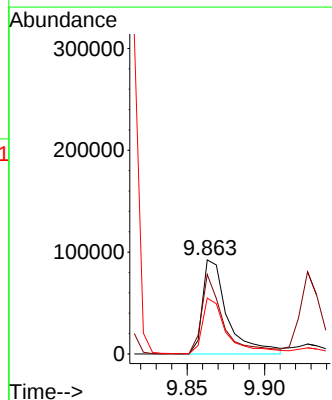
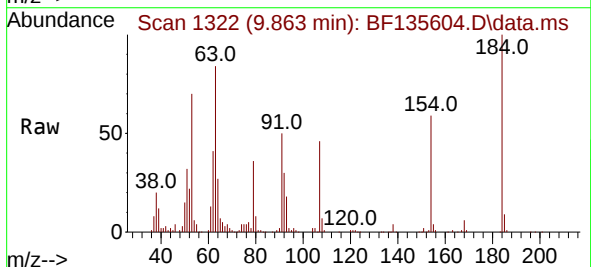
Instrument :
BNA_F
ClientSampleId :
WC-1MS

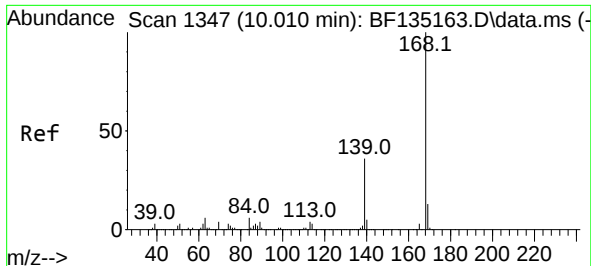
Tgt Ion:138 Resp: 113295
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 112.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 54.083 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:184 Resp: 104349
Ion Ratio Lower Upper
184 100
63 84.5 55.1 82.7#
154 59.3 48.4 72.6

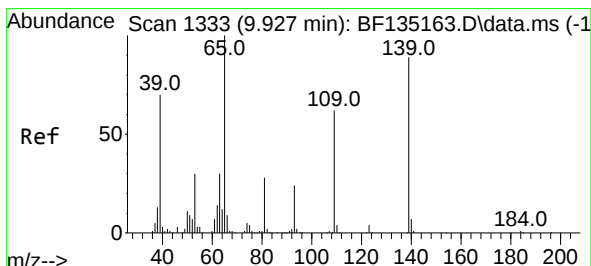
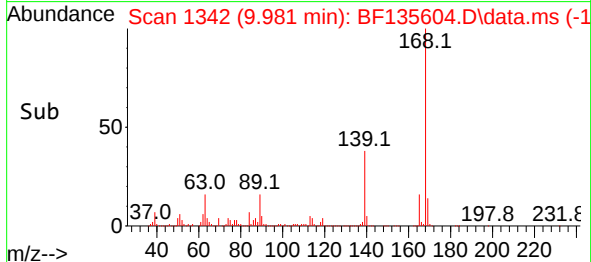
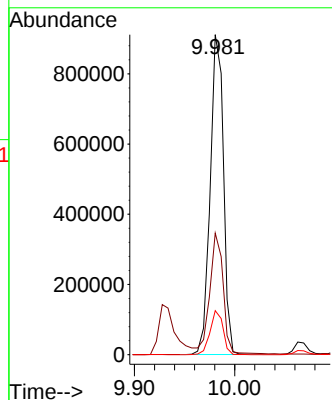
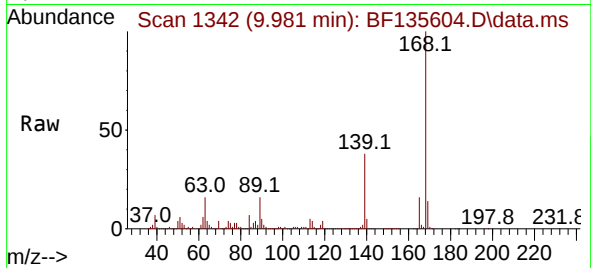




#55
Dibenzenofuran
Concen: 41.848 ng
RT: 9.981 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

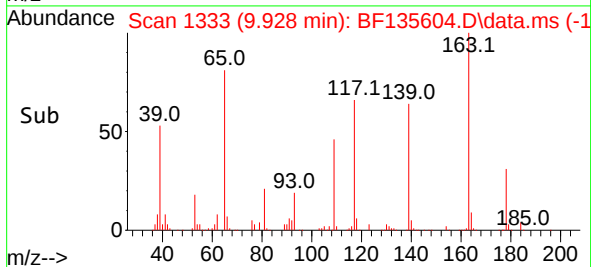
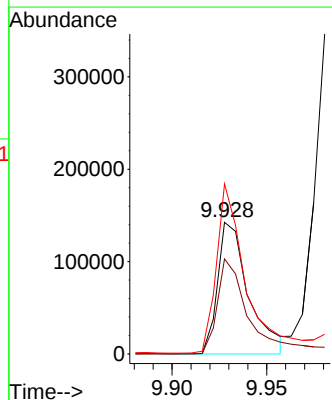
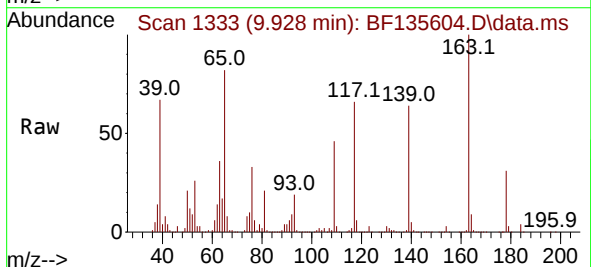
Instrument :
BNA_F
ClientSampleId :
WC-1MS

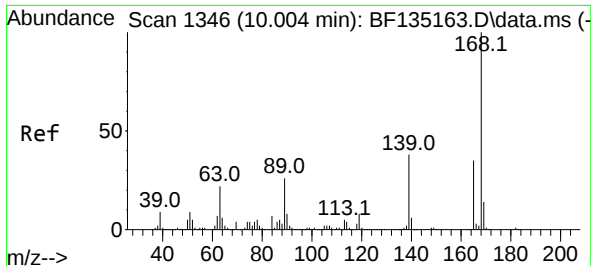
Tgt Ion:168 Resp: 836128
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 61.688 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:139 Resp: 163031
Ion Ratio Lower Upper
139 100
109 72.2 49.8 89.8
65 129.2 92.7 132.7

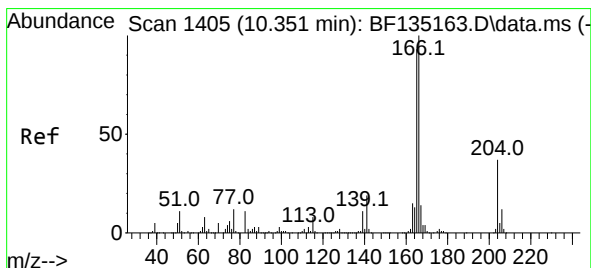
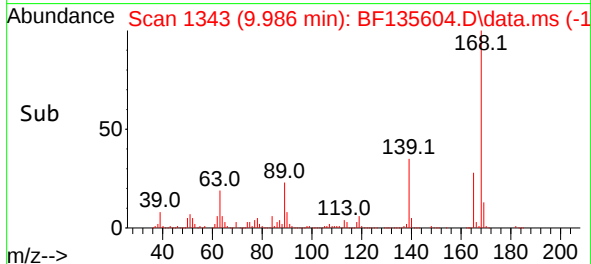
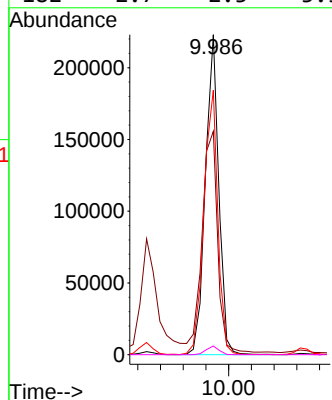
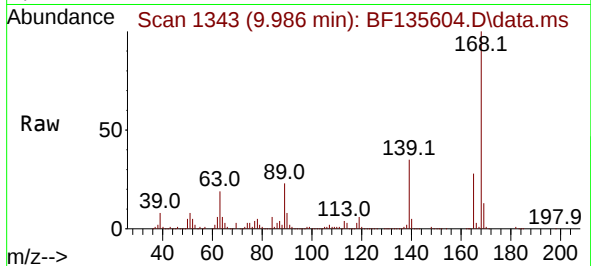




#57
2,4-Dinitrotoluene
Concen: 41.043 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

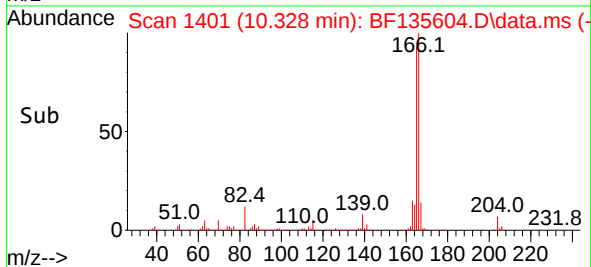
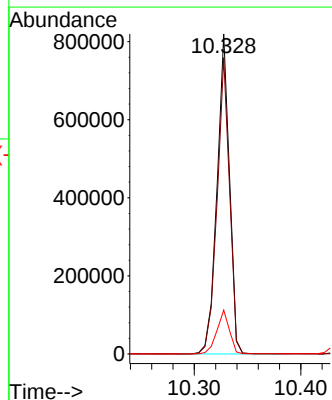
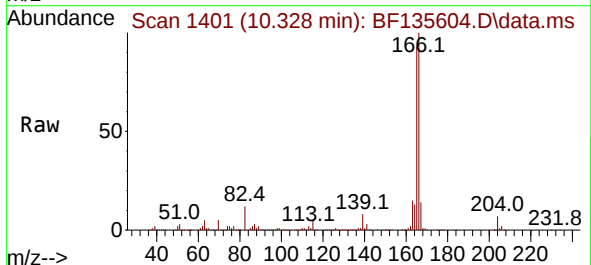
Instrument :
BNA_F
ClientSampleId :
WC-1MS

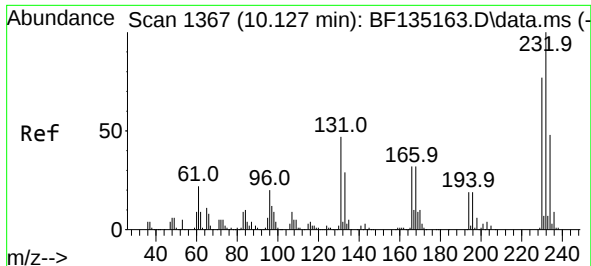
Tgt Ion:165 Resp: 182021
Ion Ratio Lower Upper
165 100
63 69.8 50.1 75.1
89 82.7 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 43.176 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:166 Resp: 663183
Ion Ratio Lower Upper
166 100
165 92.6 74.3 111.5
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.616 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:232 Resp: 163238

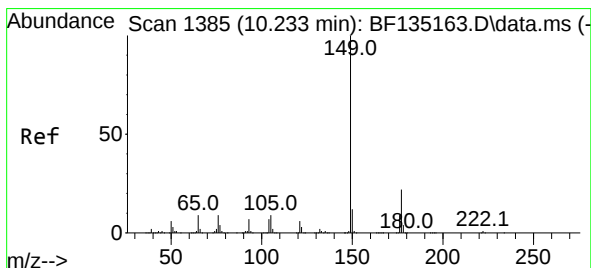
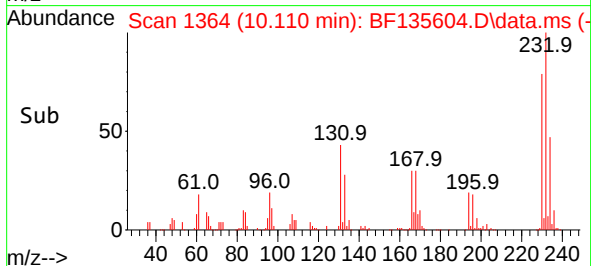
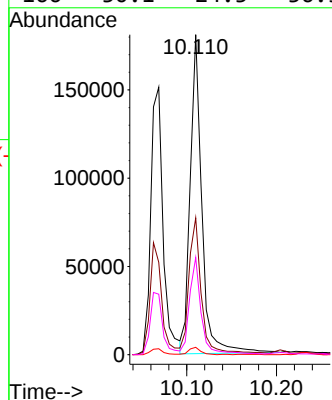
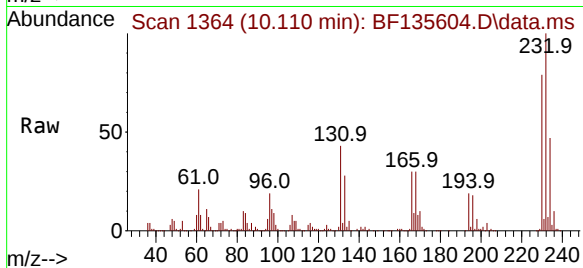
Ion Ratio Lower Upper

232 100

131 44.6 35.4 53.2

130 2.3 1.8 2.8

166 30.1 24.3 36.5



#60

Diethylphthalate

Concen: 45.549 ng

RT: 10.204 min Scan# 1380

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

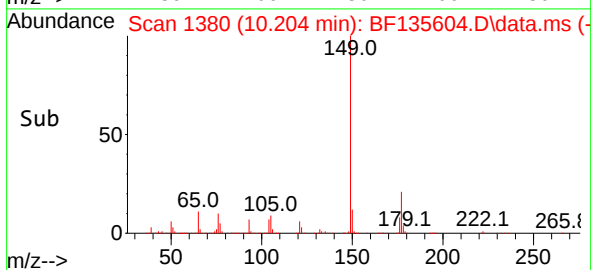
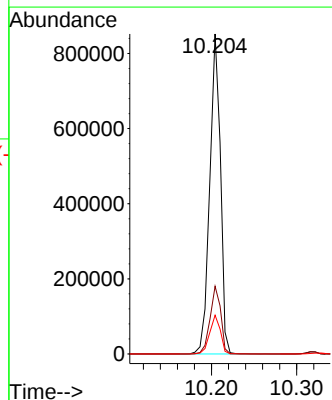
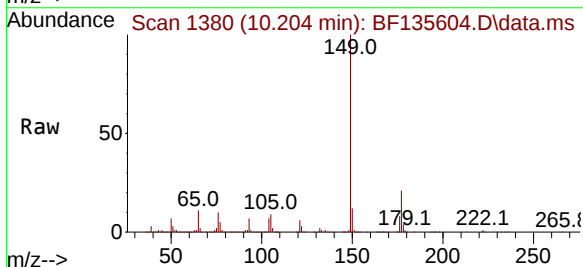
Tgt Ion:149 Resp: 739224

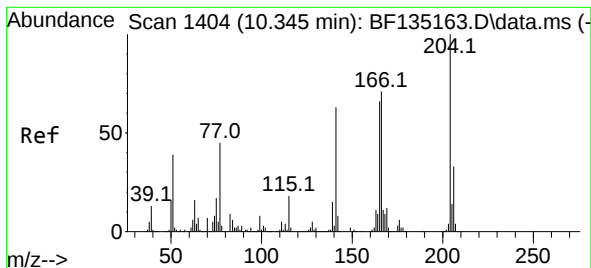
Ion Ratio Lower Upper

149 100

177 21.1 17.8 26.6

150 12.1 10.0 15.0

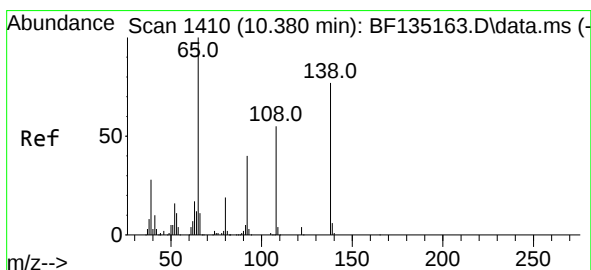
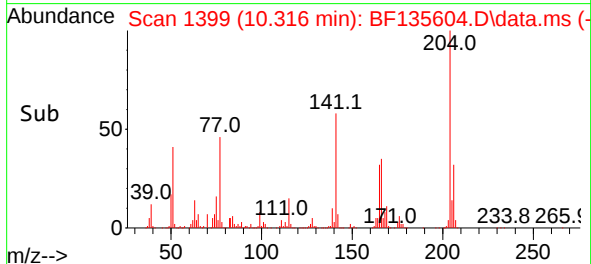
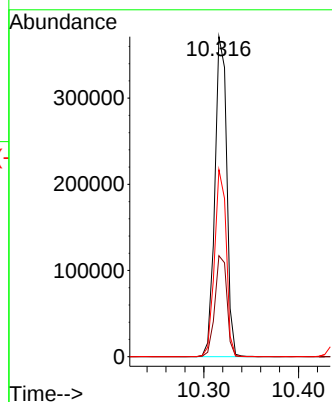
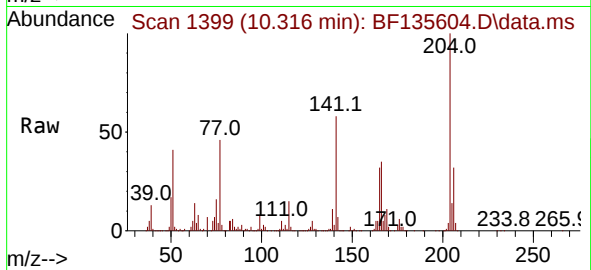




#61
4-Chlorophenyl-phenylether
Concen: 43.735 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

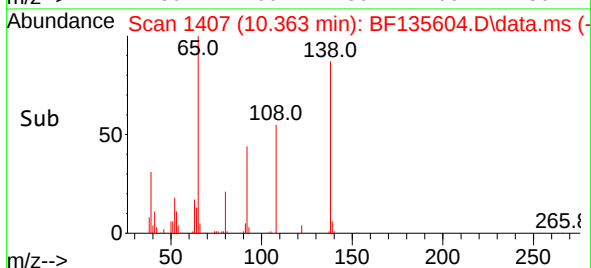
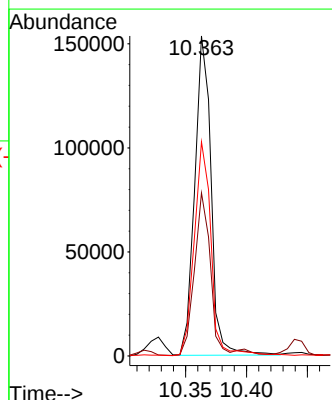
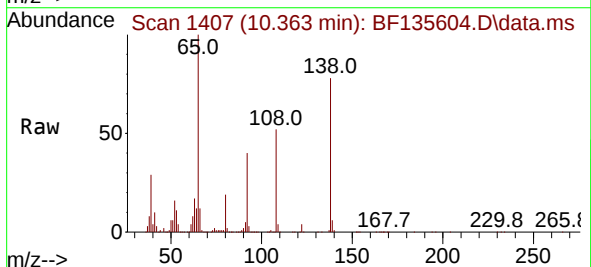
Instrument :
BNA_F
ClientSampleId :
WC-1MS

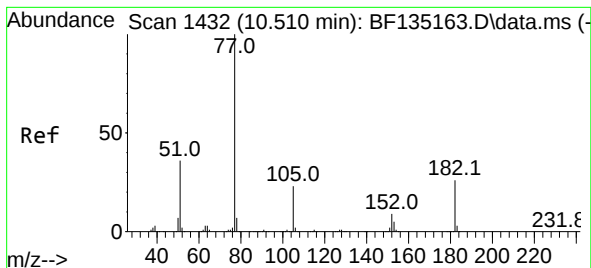
Tgt Ion:204 Resp: 322696
Ion Ratio Lower Upper
204 100
206 31.6 26.7 40.1
141 58.4 50.6 75.8



#62
4-Nitroaniline
Concen: 35.965 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:138 Resp: 143760
Ion Ratio Lower Upper
138 100
92 51.0 31.8 71.8
108 66.9 52.0 92.0





#63

Azobenzene

Concen: 45.235 ng

RT: 10.481 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 77 Resp: 718481

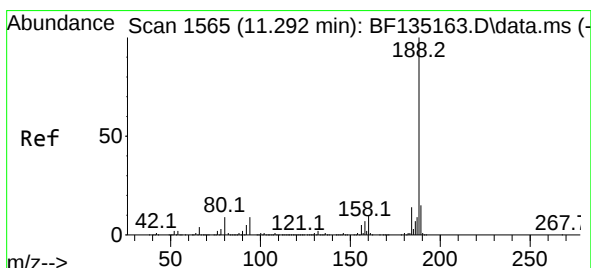
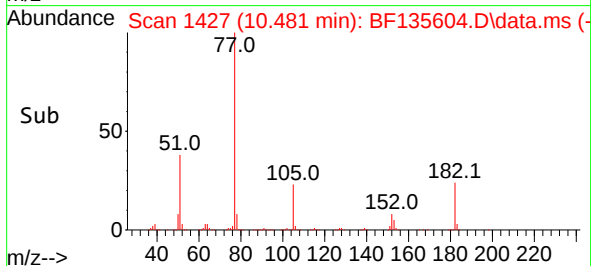
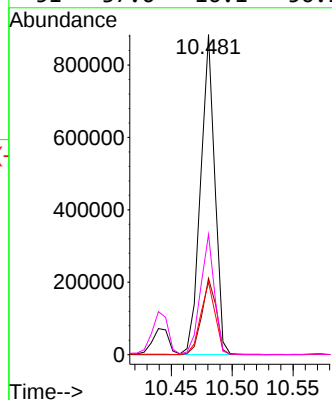
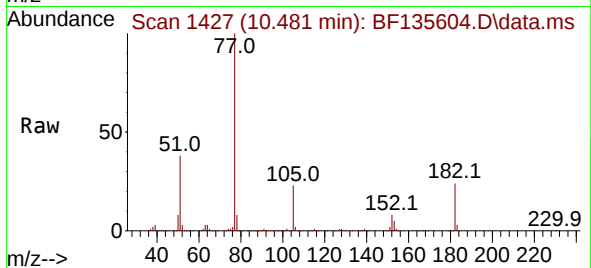
Ion Ratio Lower Upper

77 100

182 23.8 6.4 46.4

105 22.6 3.1 43.1

51 37.6 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

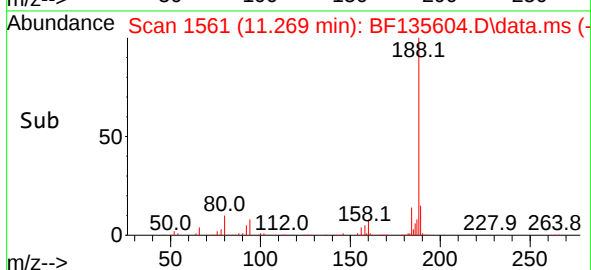
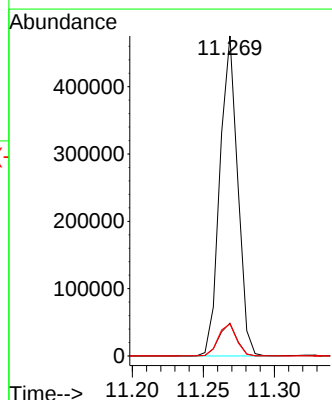
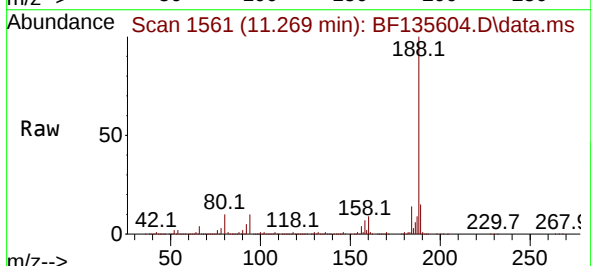
Tgt Ion: 188 Resp: 413344

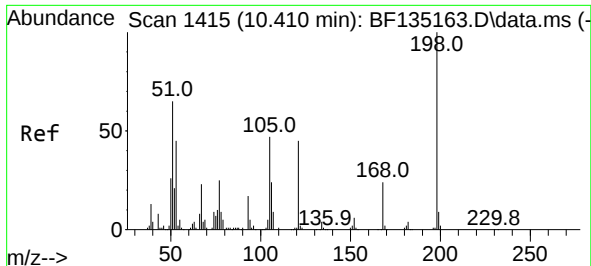
Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 10.0 7.5 11.3

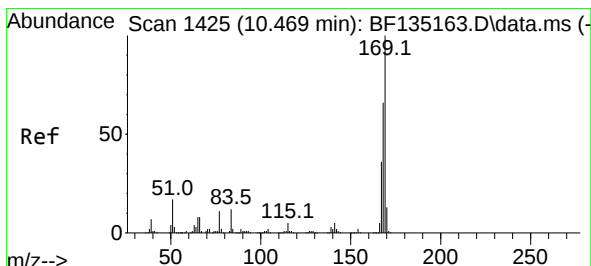
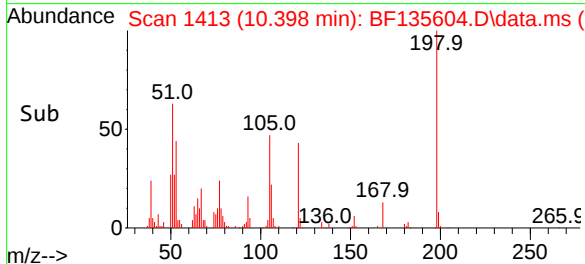
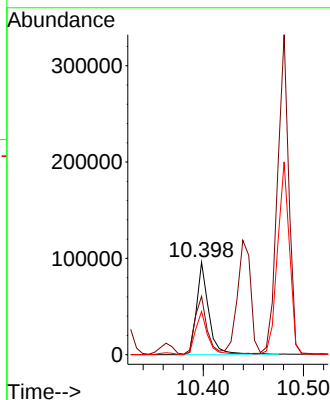
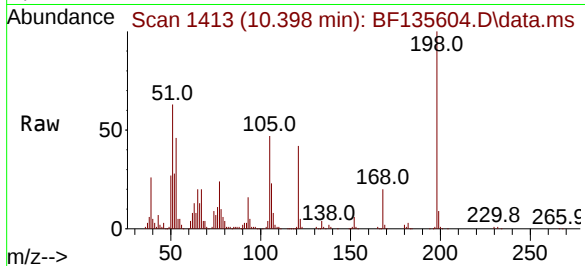




#65
4,6-Dinitro-2-methylphenol
Concen: 37.278 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

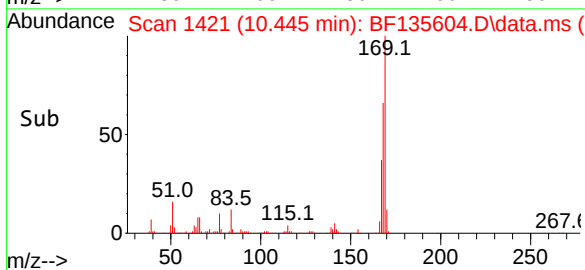
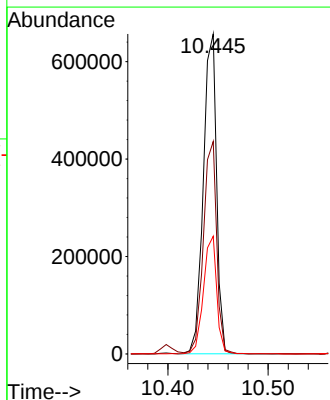
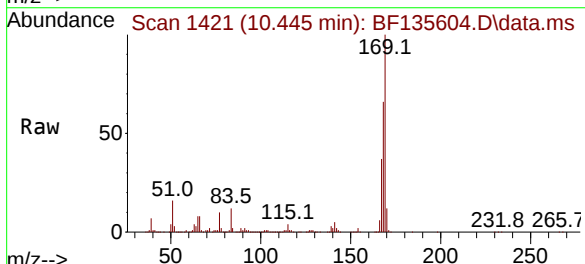
Instrument :
BNA_F
ClientSampleId :
WC-1MS

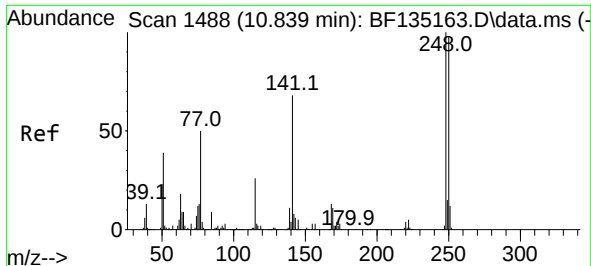
Tgt Ion:198 Resp: 81840
Ion Ratio Lower Upper
198 100
51 63.2 47.7 87.7
105 46.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 48.470 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:169 Resp: 606541
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 36.8 29.0 43.6

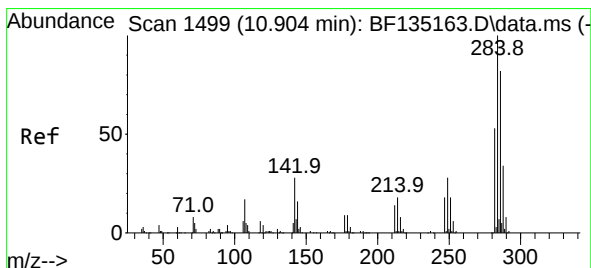
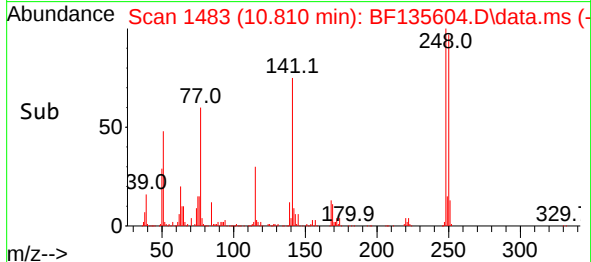
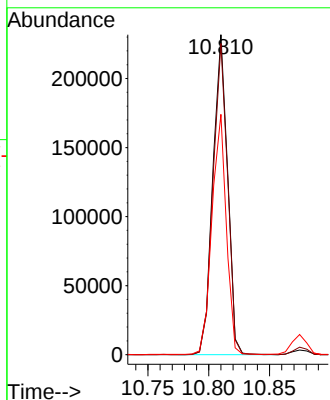
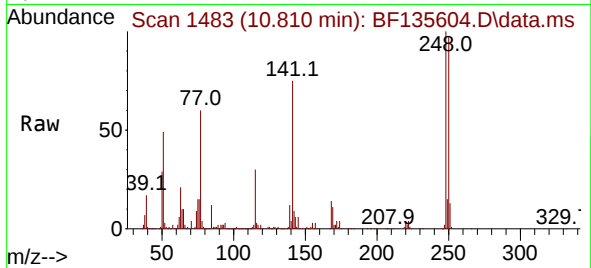




#67
4-Bromophenyl-phenylether
Concen: 47.427 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

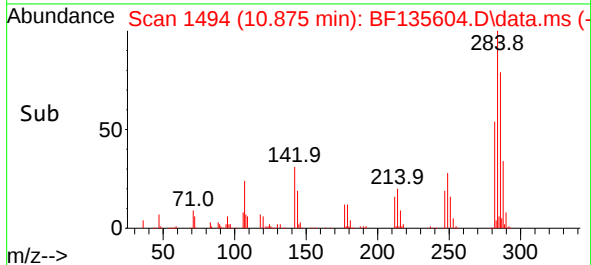
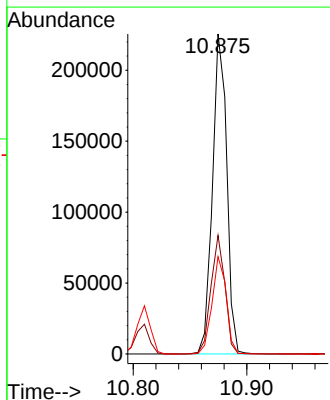
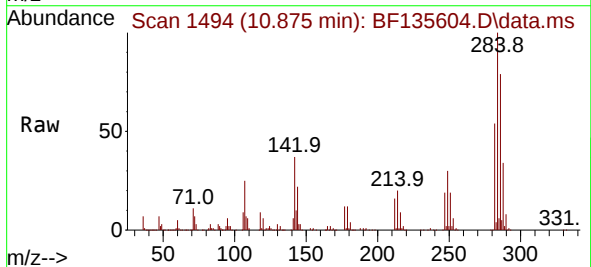
Instrument :
BNA_F
ClientSampleId :
WC-1MS

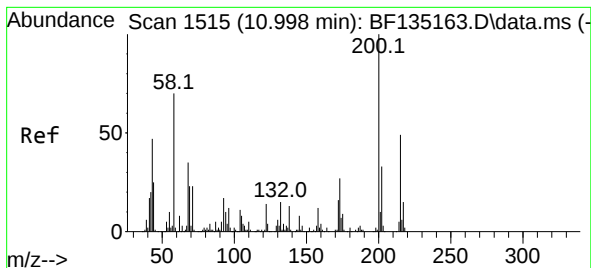
Tgt Ion:248 Resp: 194973
Ion Ratio Lower Upper
248 100
250 97.2 78.6 117.8
141 75.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 47.030 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:284 Resp: 196970
Ion Ratio Lower Upper
284 100
142 37.1 22.2 33.4#
249 30.4 22.5 33.7





#69

Atrazine

Concen: 54.561 ng

RT: 10.975 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

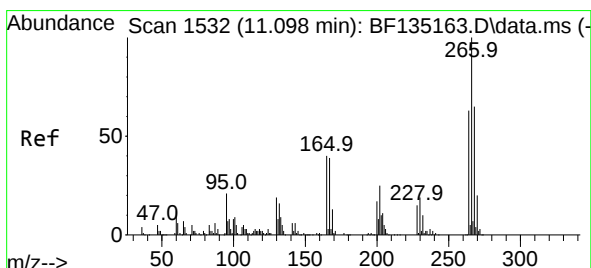
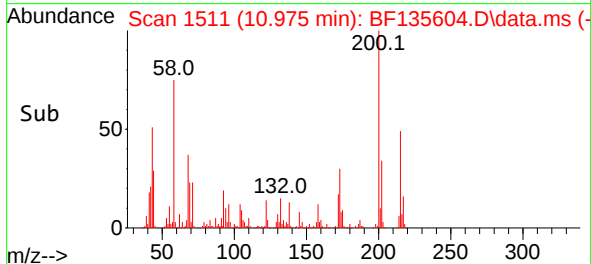
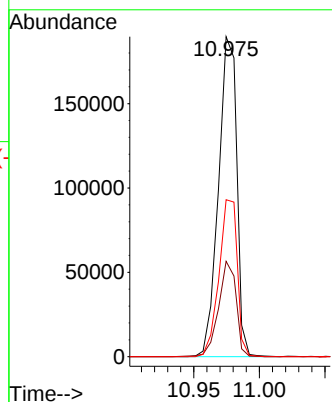
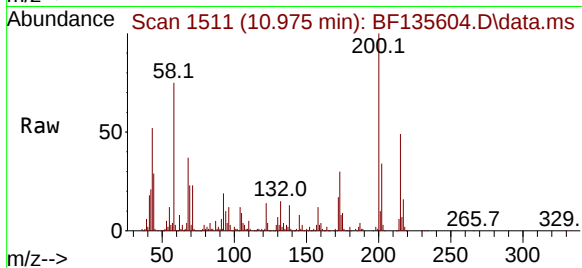
Tgt Ion:200 Resp: 183712

Ion Ratio Lower Upper

200 100

173 29.8 7.4 47.4

215 49.1 28.6 68.6



#70

Pentachlorophenol

Concen: 57.151 ng

RT: 11.081 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

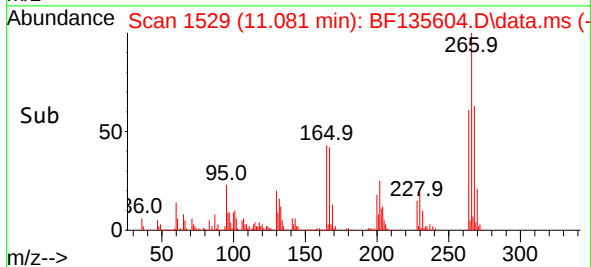
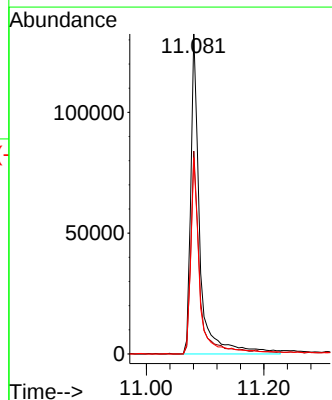
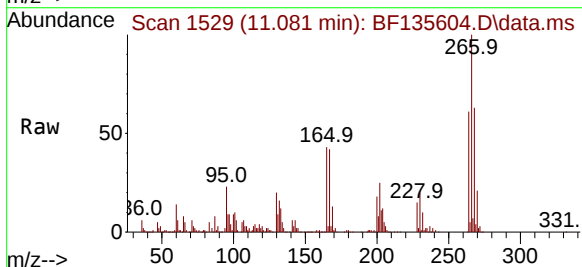
Tgt Ion:266 Resp: 143207

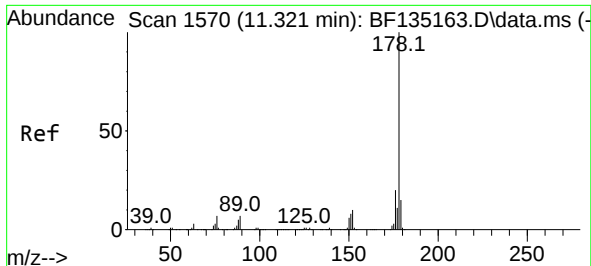
Ion Ratio Lower Upper

266 100

268 63.4 52.1 78.1

264 61.3 50.8 76.2

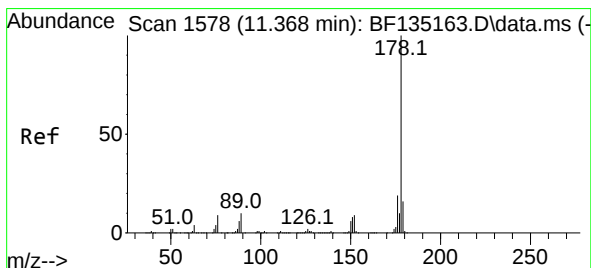
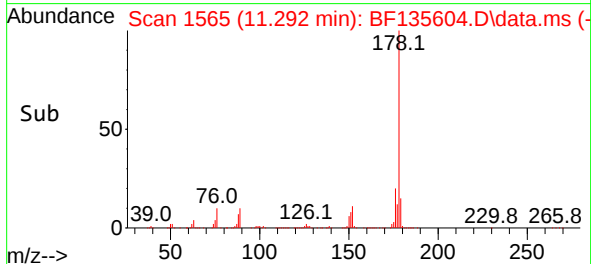
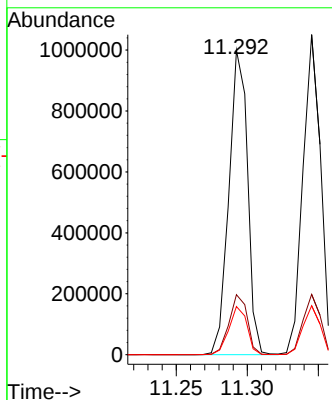
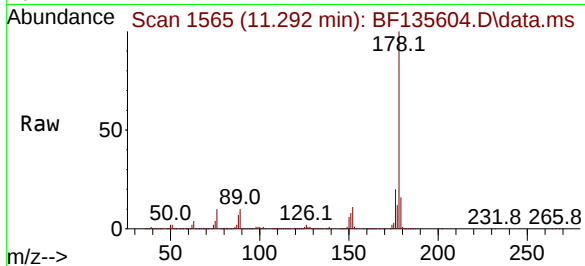




#71
Phenanthrene
Concen: 46.822 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

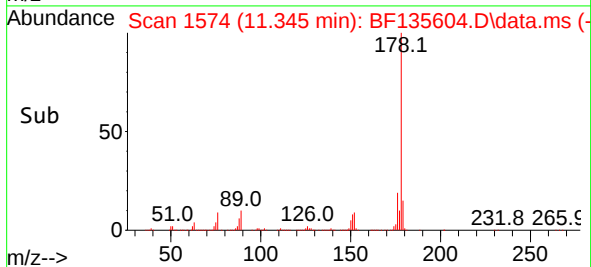
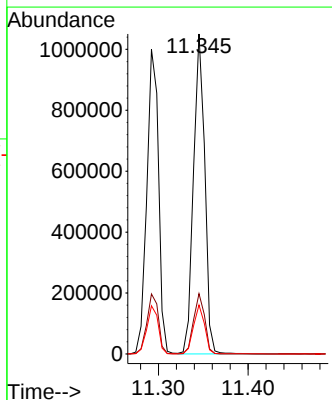
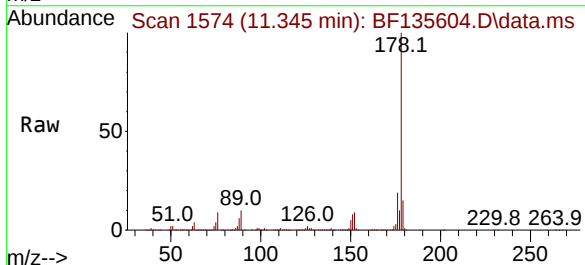
Instrument :
BNA_F
ClientSampleId :
WC-1MS

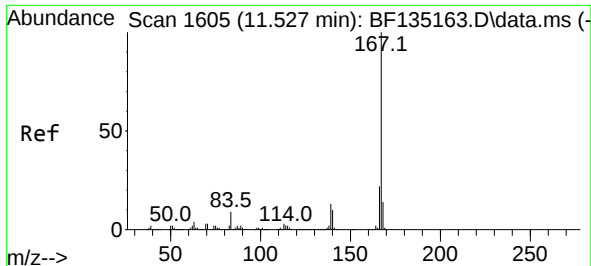
Tgt Ion:178 Resp: 915341
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.8 12.0 18.0



#72
Anthracene
Concen: 45.576 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:178 Resp: 915833
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.3 12.6 19.0

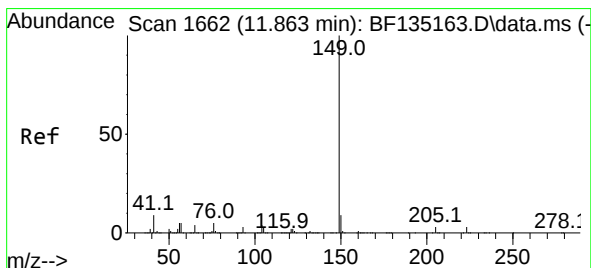
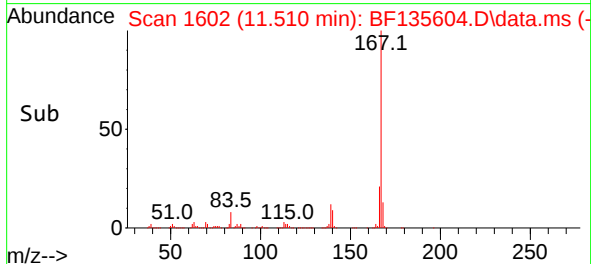
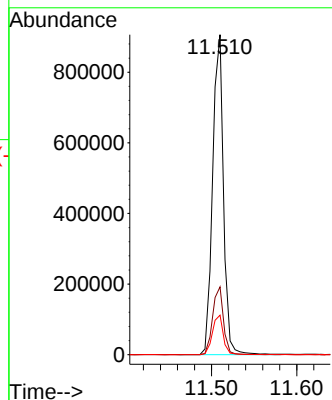
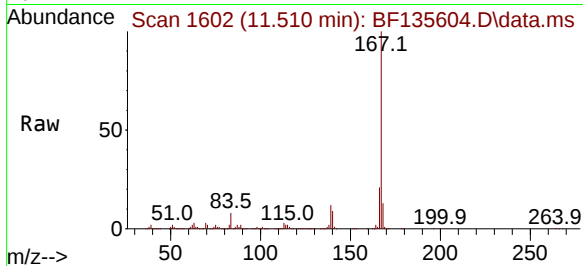




#73
 Carbazole
 Concen: 43.825 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

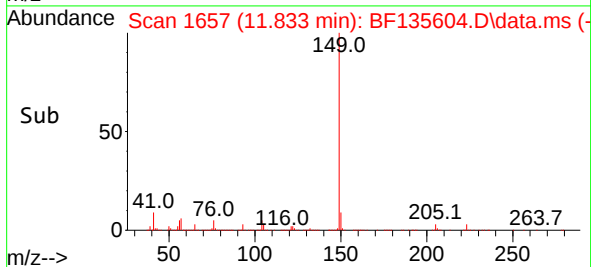
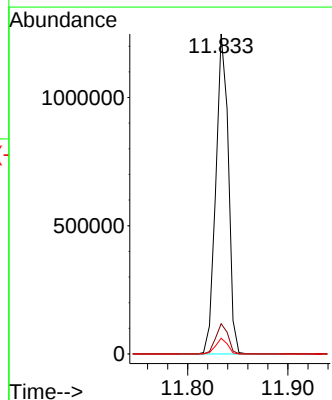
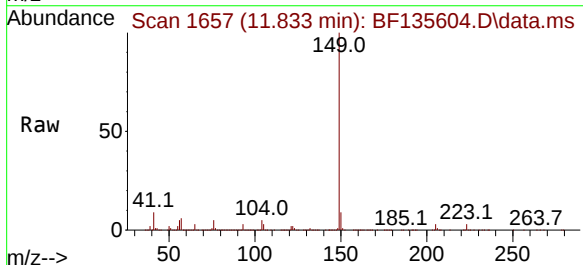
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

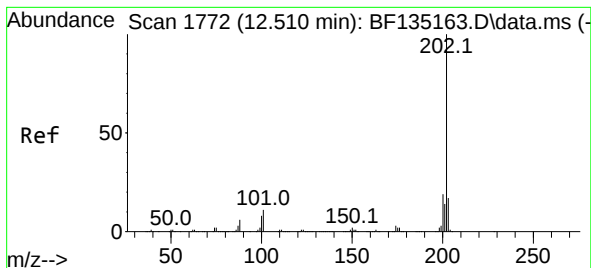
Tgt Ion:167 Resp: 801677
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.3 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 50.220 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

Tgt Ion:149 Resp: 1082502
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 42.745 ng

RT: 12.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

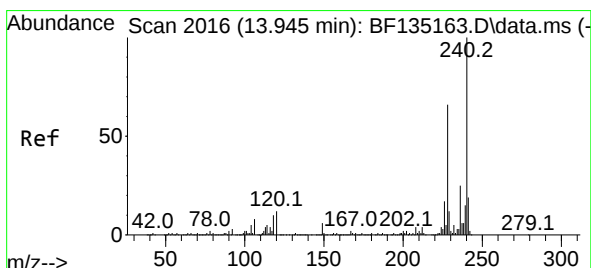
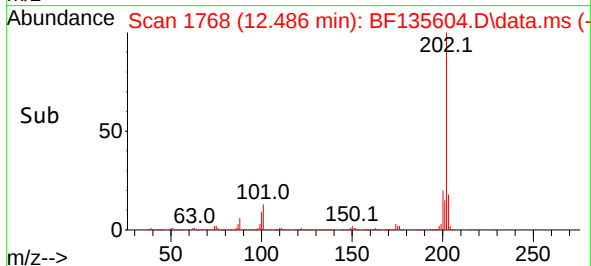
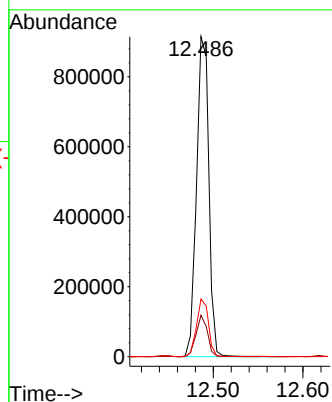
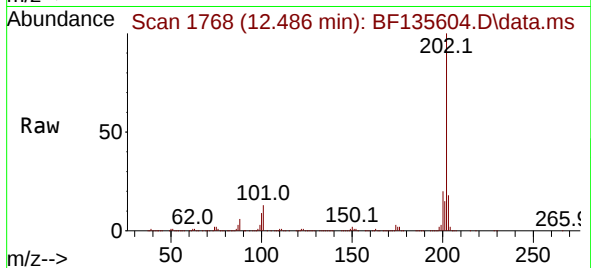
Tgt Ion:202 Resp: 870735

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.3

203 18.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

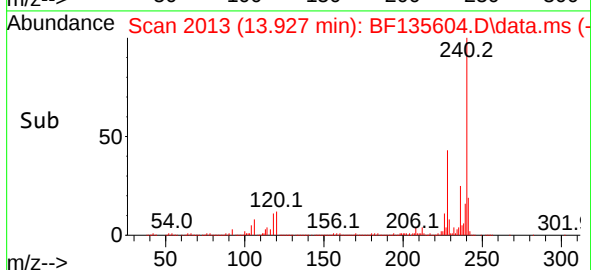
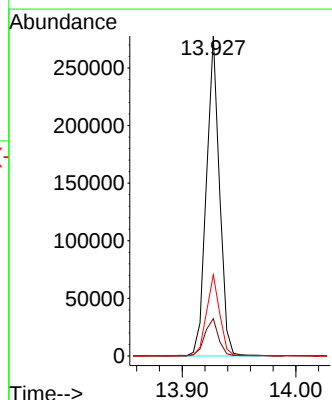
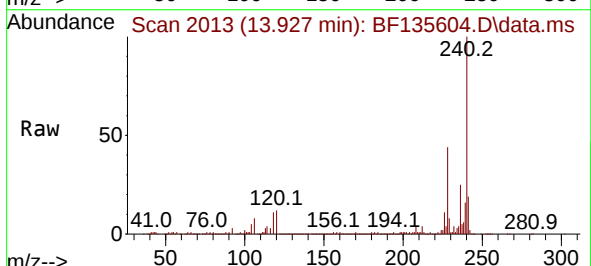
Tgt Ion:240 Resp: 222233

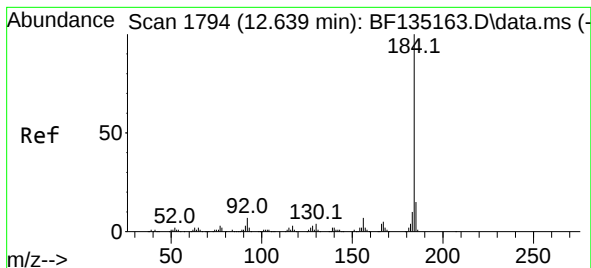
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 25.3 19.8 29.8





#77

Benzidine

Concen: 78.079 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

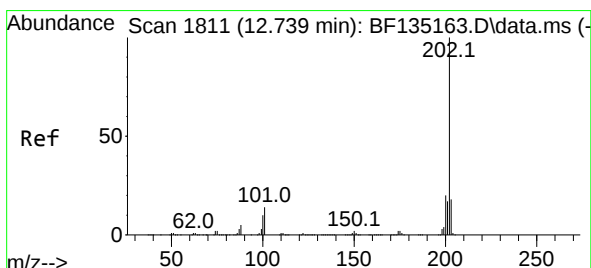
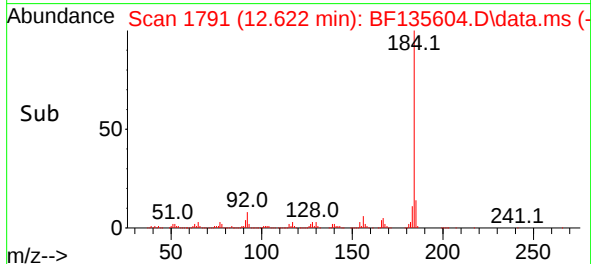
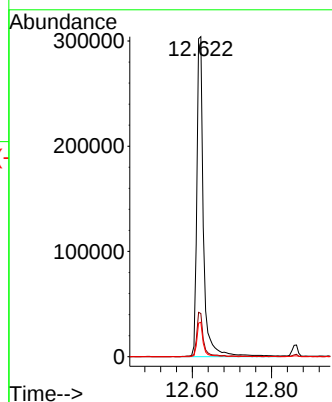
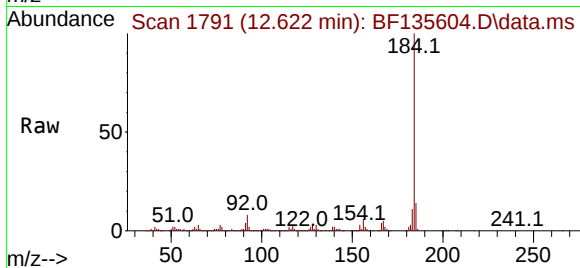
Tgt Ion:184 Resp: 355481

Ion Ratio Lower Upper

184 100

185 13.5 11.7 17.5

183 10.8 8.2 12.4



#78

Pyrene

Concen: 40.517 ng

RT: 12.716 min Scan# 1807

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

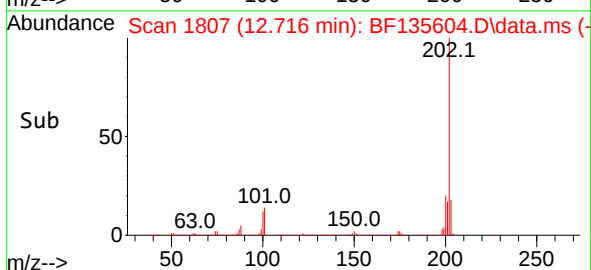
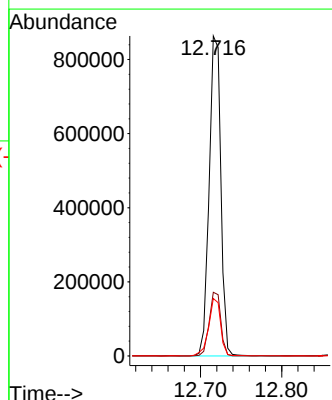
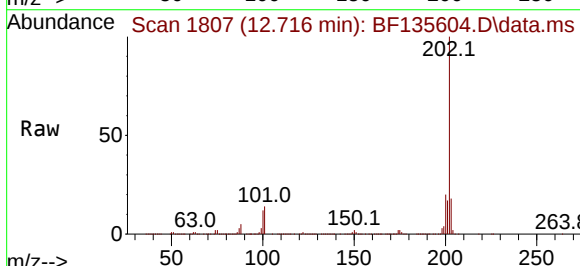
Tgt Ion:202 Resp: 857261

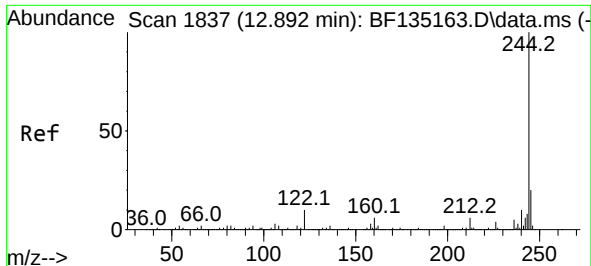
Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

203 18.0 14.2 21.4

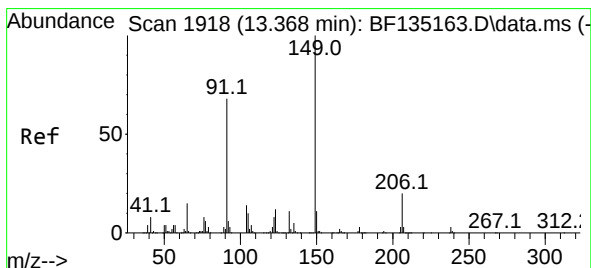
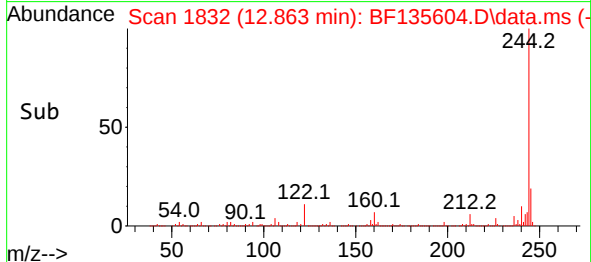
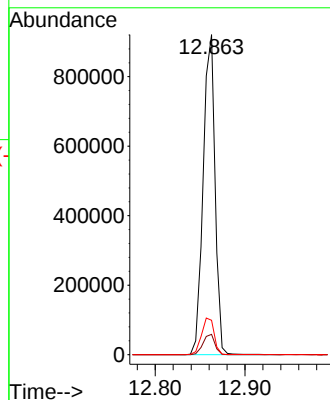
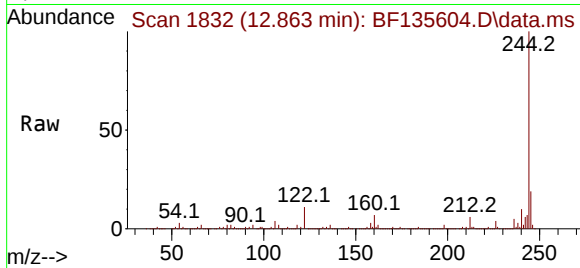




#79
 Terphenyl-d14
 Concen: 59.076 ng
 RT: 12.863 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

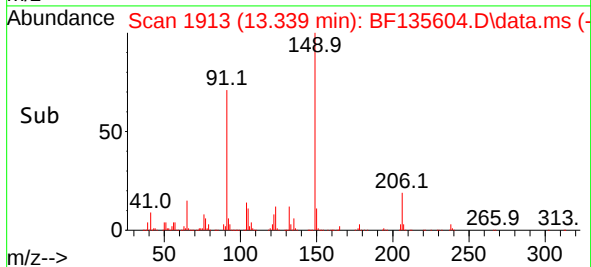
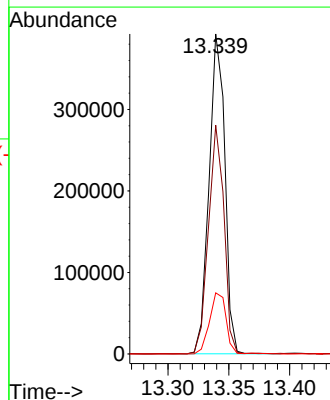
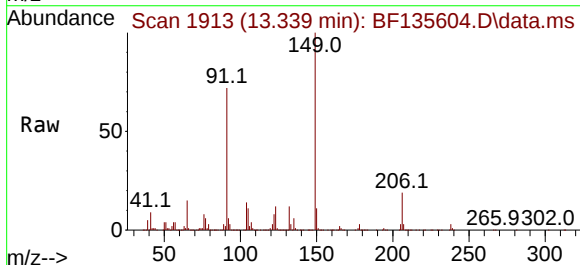
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

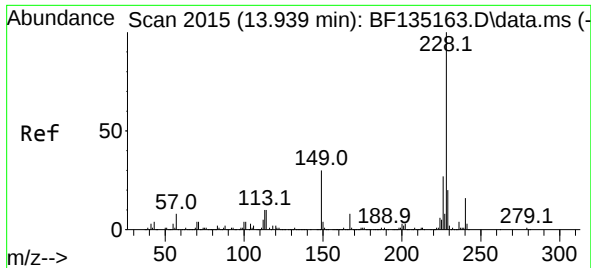
Tgt Ion:244 Resp: 846907
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.8 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 47.519 ng
 RT: 13.339 min Scan# 1913
 Delta R.T. 0.000 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

Tgt Ion:149 Resp: 353988
 Ion Ratio Lower Upper
 149 100
 91 71.5 54.7 82.1
 206 19.1 16.3 24.5

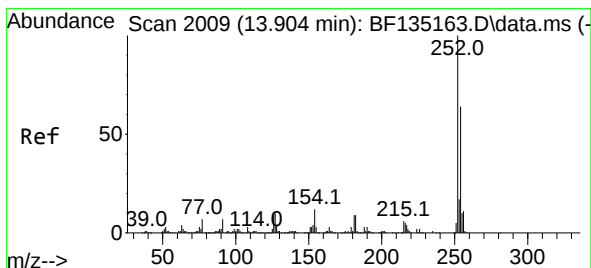
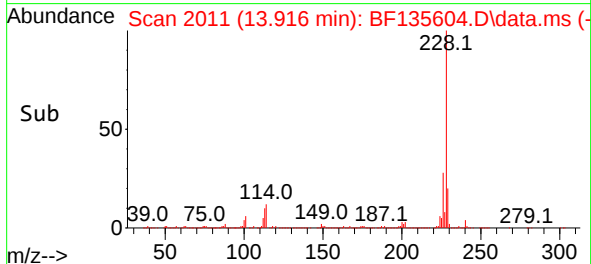
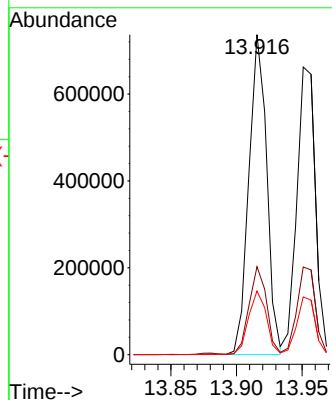
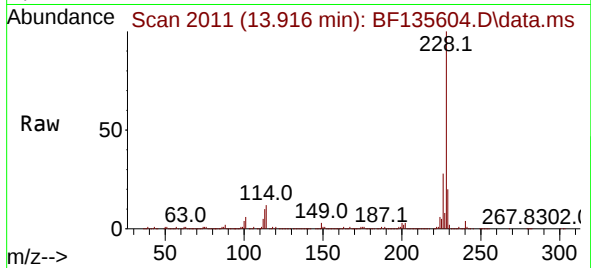




#81
Benzo(a)anthracene
Concen: 48.652 ng
RT: 13.916 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

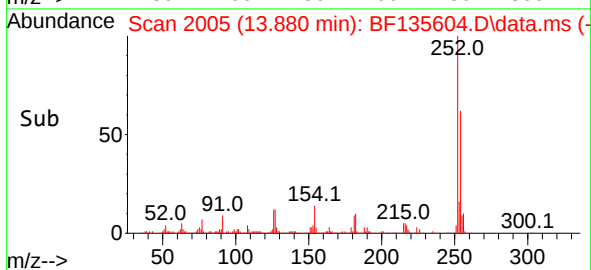
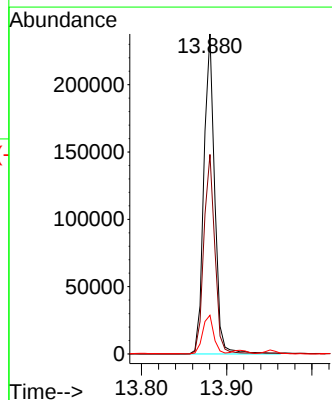
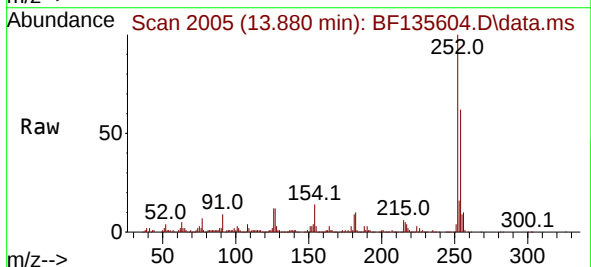
Instrument :
BNA_F
ClientSampleId :
WC-1MS

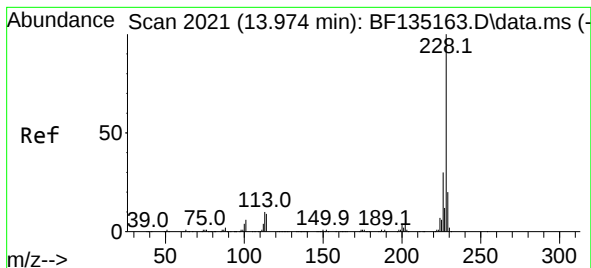
Tgt Ion:228 Resp: 698159
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 46.788 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:252 Resp: 209718
Ion Ratio Lower Upper
252 100
254 62.4 51.0 76.4
126 12.1 7.8 11.8





#83

Chrysene

Concen: 45.655 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

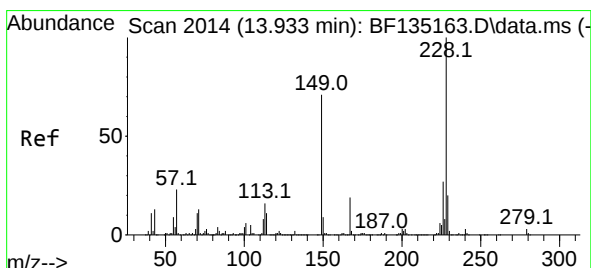
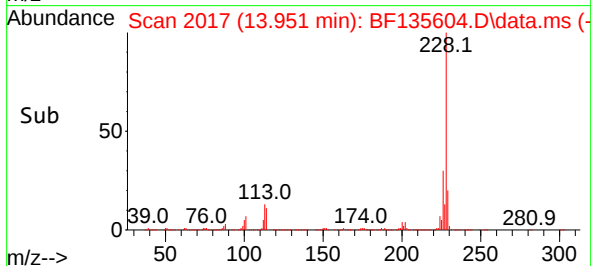
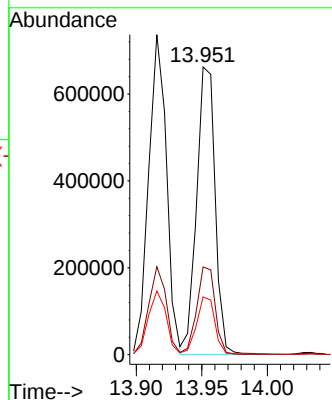
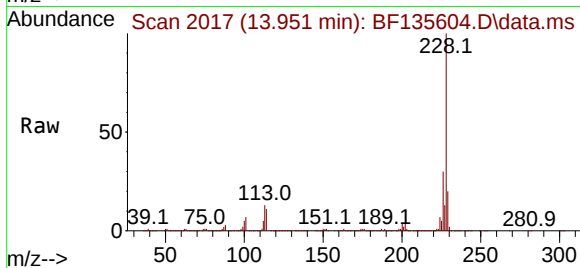
Tgt Ion:228 Resp: 651384

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.356 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

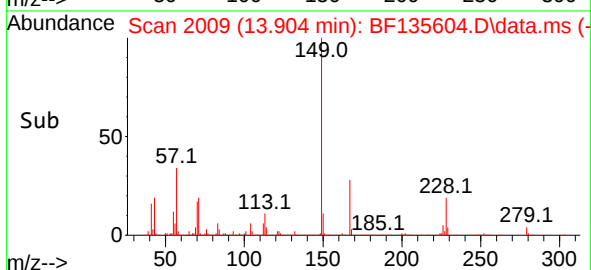
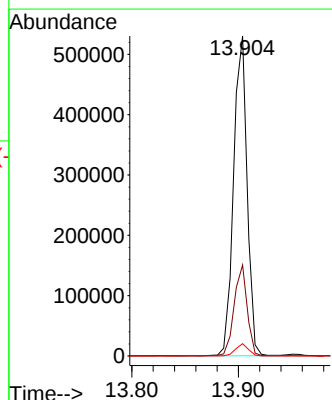
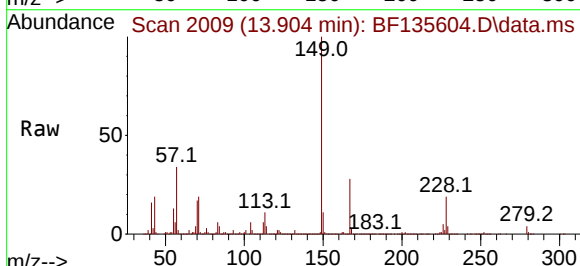
Tgt Ion:149 Resp: 469035

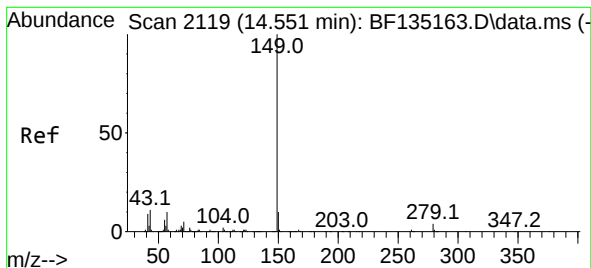
Ion Ratio Lower Upper

149 100

167 28.4 21.9 32.9

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 66.396 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WC-1MS

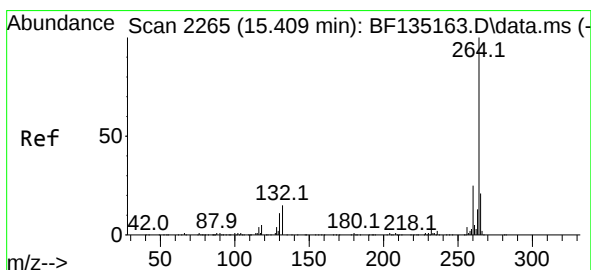
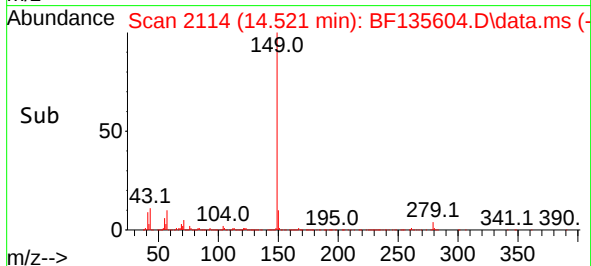
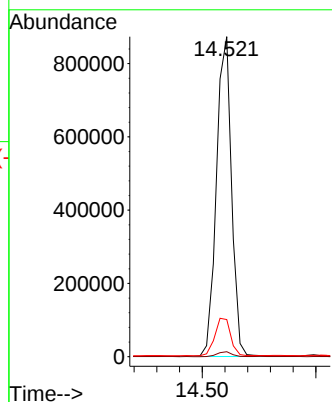
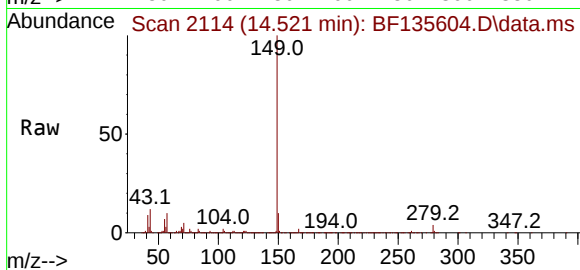
Tgt Ion:149 Resp: 806612

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF135604.D

Acq: 05 Oct 2023 17:35

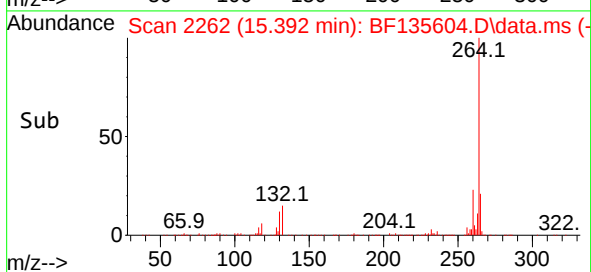
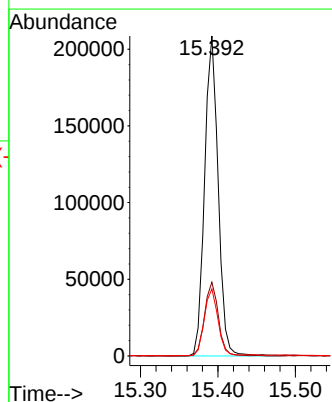
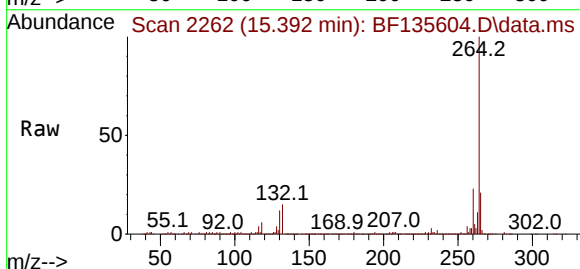
Tgt Ion:264 Resp: 253513

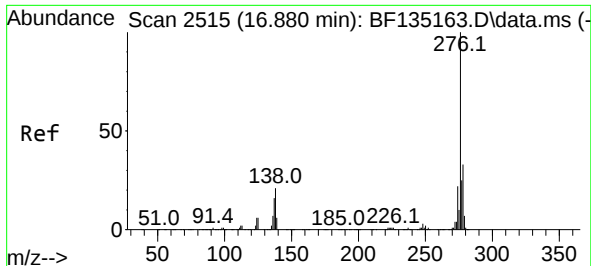
Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 21.0 17.0 25.4

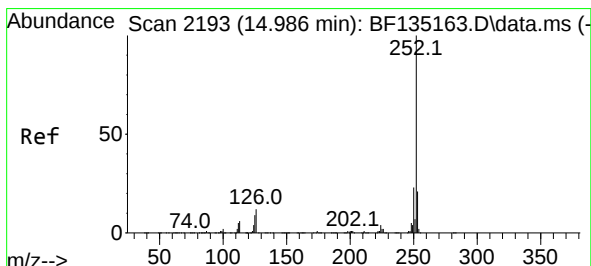
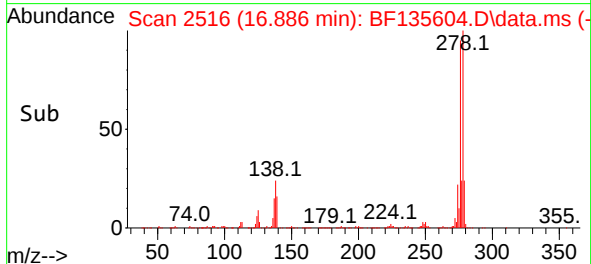
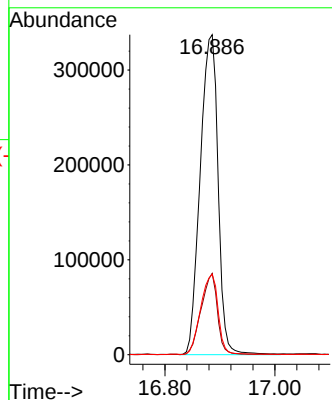
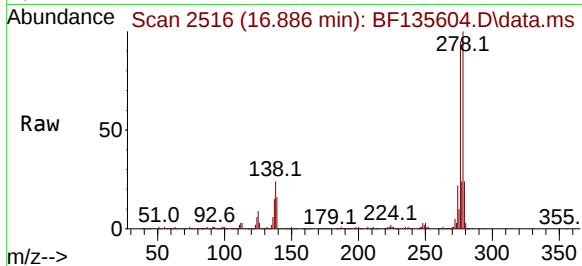




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.806 ng
 RT: 16.886 min Scan# 2190
 Delta R.T. 0.018 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

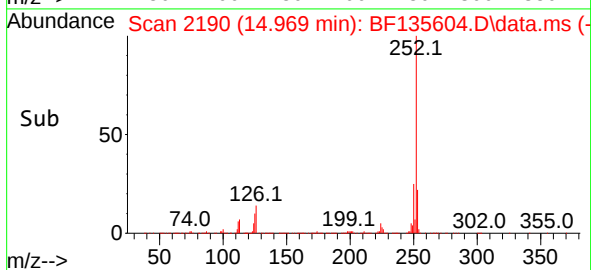
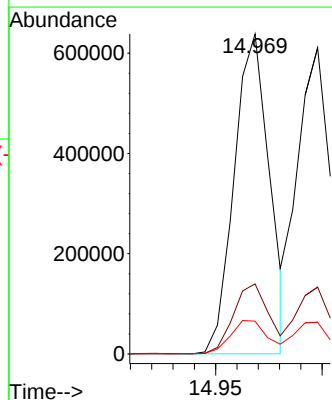
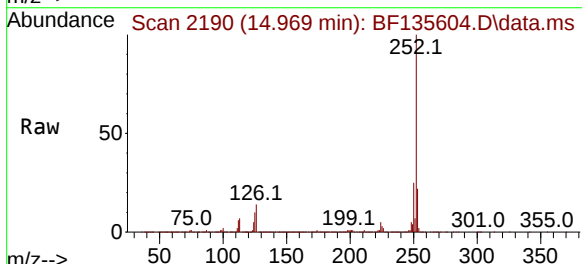
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

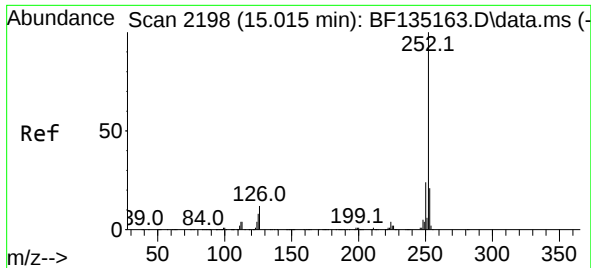
Tgt Ion:276 Resp: 761389
 Ion Ratio Lower Upper
 276 100
 138 22.8 19.2 28.8
 277 24.4 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 53.521 ng
 RT: 14.969 min Scan# 2190
 Delta R.T. 0.006 min
 Lab File: BF135604.D
 Acq: 05 Oct 2023 17:35

Tgt Ion:252 Resp: 734503
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 10.3 7.1 10.7

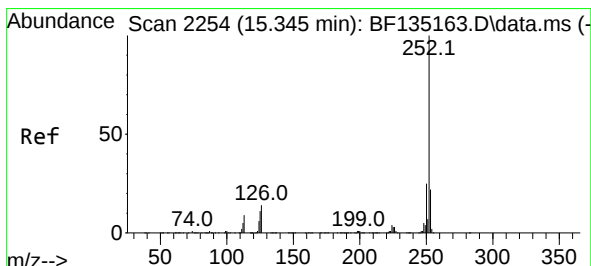
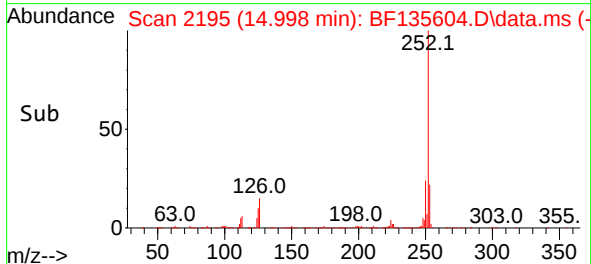
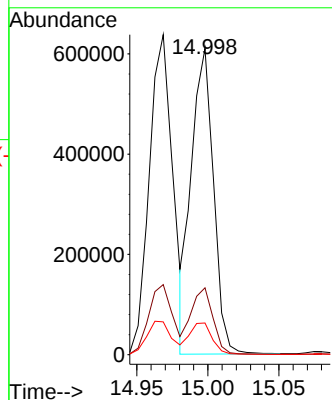
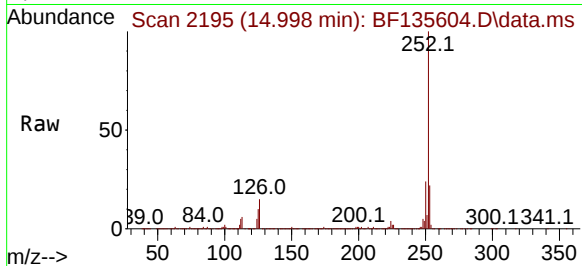




#89
Benzo(k)fluoranthene
Concen: 48.827 ng
RT: 14.998 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

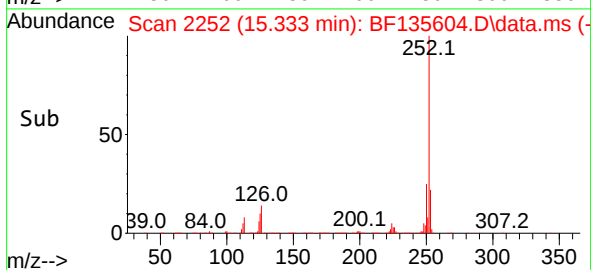
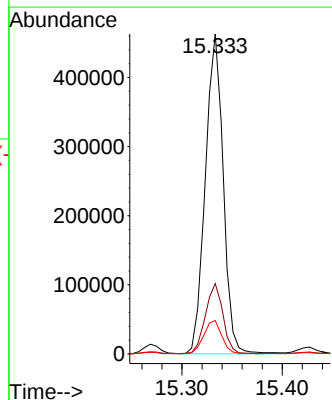
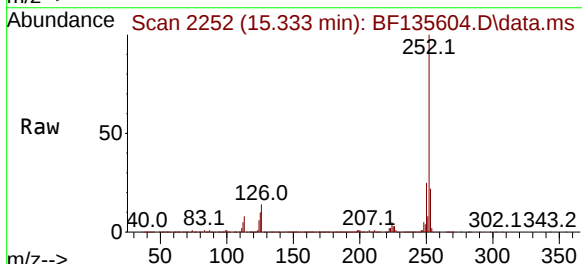
Instrument :
BNA_F
ClientSampleId :
WC-1MS

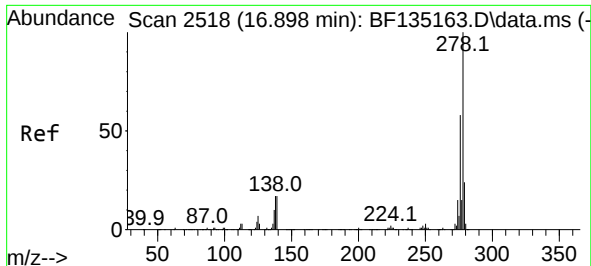
Tgt Ion:252 Resp: 661920
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 43.927 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:252 Resp: 574884
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.4 9.2 13.8

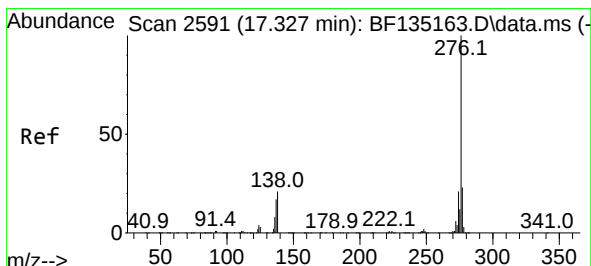
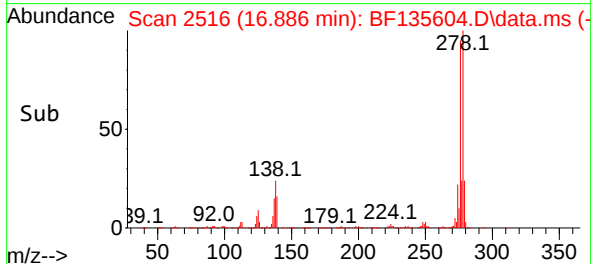
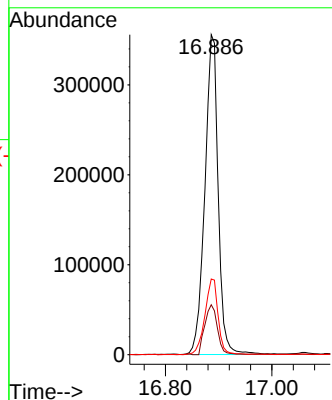
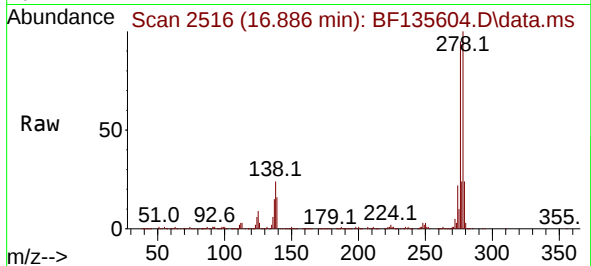




#91
Dibenzo(a,h)anthracene
Concen: 45.313 ng
RT: 16.886 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:278 Resp: 616276
Ion Ratio Lower Upper
278 100
139 15.6 13.4 20.0
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 42.379 ng
RT: 17.327 min Scan# 2591
Delta R.T. 0.012 min
Lab File: BF135604.D
Acq: 05 Oct 2023 17:35

Tgt Ion:276 Resp: 601939
Ion Ratio Lower Upper
276 100
277 25.3 18.8 28.2
138 19.8 16.9 25.3

