

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135755.D
 Acq On : 13 Oct 2023 16:28
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101323

Quant Time: Oct 13 17:28:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 17:12:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	109736	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	426243	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	215857	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	435309	20.000	ng	0.00
76) Chrysene-d12	13.945	240	302500	20.000	ng	0.00
86) Perylene-d12	15.415	264	296784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	579889	84.960	ng	0.00
7) Phenol-d6	6.398	99	671343	78.831	ng	0.00
23) Nitrobenzene-d5	7.316	82	632708	81.640	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	174900	84.439	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1137871	82.419	ng	0.00
79) Terphenyl-d14	12.874	244	1258057	77.019	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	139860	42.482	ng	99
3) Pyridine	3.175	79	333643	41.304	ng	97
4) n-Nitrosodimethylamine	3.146	42	186135	42.849	ng	96
6) Aniline	6.416	93	425659	39.717	ng	98
8) 2-Chlorophenol	6.534	128	292924	39.798	ng	98
9) Benzaldehyde	6.304	77	192668	39.749	ng	98
10) Phenol	6.410	94	366525	41.074	ng	99
11) bis(2-Chloroethyl)ether	6.487	93	283014	39.362	ng	99
12) 1,3-Dichlorobenzene	6.681	146	288893	38.716	ng	98
13) 1,4-Dichlorobenzene	6.757	146	294281	38.931	ng	99
14) 1,2-Dichlorobenzene	6.910	146	268749	39.486	ng	99
15) Benzyl Alcohol	6.898	79	225968	39.906	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	500993	38.527	ng	98
17) 2-Methylphenol	7.010	107	250334	39.288	ng	99
18) Hexachloroethane	7.245	117	109797	40.061	ng	97
19) n-Nitroso-di-n-propyla...	7.163	70	201174	38.205	ng	97
20) 3+4-Methylphenols	7.169	107	317467	39.966	ng	98
22) Acetophenone	7.157	105	389457	39.840	ng	98
24) Nitrobenzene	7.334	77	319583	41.088	ng	98
25) Isophorone	7.569	82	583973	39.941	ng	99
26) 2-Nitrophenol	7.645	139	159468	42.011	ng	99
27) 2,4-Dimethylphenol	7.686	122	258168	41.315	ng	97
28) bis(2-Chloroethoxy)met...	7.781	93	354625	40.728	ng	98
29) 2,4-Dichlorophenol	7.892	162	248017	42.353	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	245516	40.992	ng	98
31) Naphthalene	8.045	128	851551	40.959	ng	99
32) Benzoic acid	7.845	122	181577	42.928	ng	94
33) 4-Chloroaniline	8.104	127	386618	42.571	ng	98
34) Hexachlorobutadiene	8.151	225	144437	40.742	ng	96
35) Caprolactam	8.492	113	87492	43.705	ng	93
36) 4-Chloro-3-methylphenol	8.598	107	280540	43.199	ng	98
37) 2-Methylnaphthalene	8.733	142	576505	42.088	ng	99
38) 1-Methylnaphthalene	8.833	142	530307	41.975	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	261950	42.187	ng	98
41) Hexachlorocyclopentadiene	8.881	237	29456	41.624	ng	97
43) 2,4,6-Trichlorophenol	9.028	196	170182	42.532	ng	99

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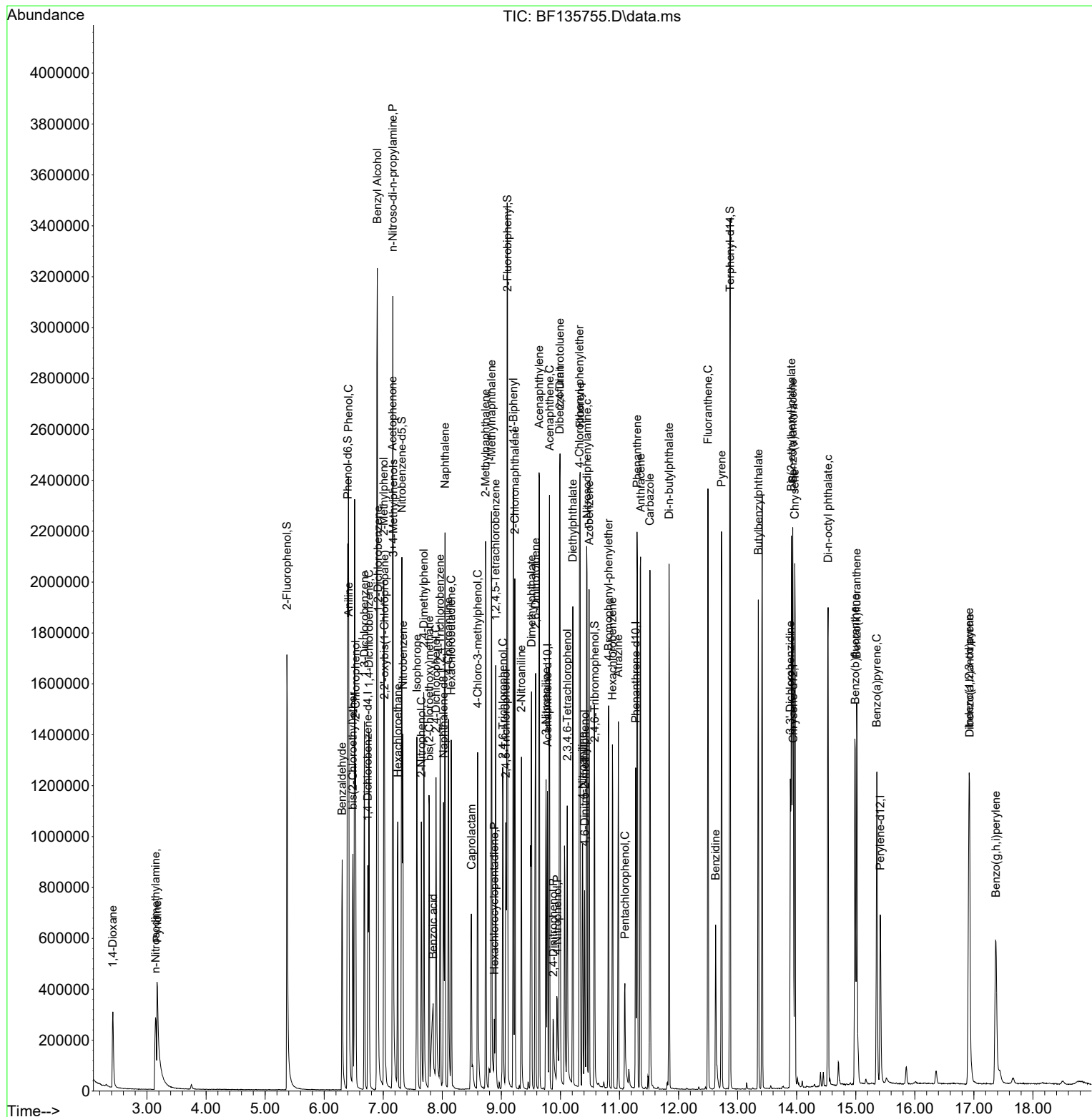
Instrument :
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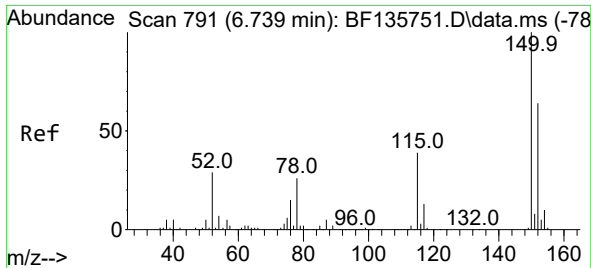
Quant Time: Oct 13 17:28:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	198169	42.582	ng	99
46) 1,1'-Biphenyl	9.204	154	691498	41.820	ng	99
47) 2-Chloronaphthalene	9.228	162	499468	41.913	ng	98
48) 2-Nitroaniline	9.339	65	204883	43.557	ng	99
49) Acenaphthylene	9.639	152	806480	40.895	ng	99
50) Dimethylphthalate	9.510	163	605141	41.528	ng	100
51) 2,6-Dinitrotoluene	9.580	165	134584	42.949	ng	99
52) Acenaphthene	9.816	154	487485	41.241	ng	99
53) 3-Nitroaniline	9.757	138	159308	41.472	ng	99
54) 2,4-Dinitrophenol	9.880	184	57815	44.199	ng	97
55) Dibenzofuran	9.986	168	738052	41.382	ng	98
56) 4-Nitrophenol	9.945	139	67275	41.092	ng	93
57) 2,4-Dinitrotoluene	9.992	165	172570	43.288	ng	# 75
58) Fluorene	10.333	166	589601	42.227	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	149968	42.640	ng	98
60) Diethylphthalate	10.210	149	623300	41.899	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	286161	42.405	ng	97
62) 4-Nitroaniline	10.375	138	154366	43.676	ng	95
63) Azobenzene	10.486	77	610294	42.226	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	99895	45.599	ng	91
66) n-Nitrosodiphenylamine	10.451	169	540587	40.743	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	177952	40.724	ng	98
68) Hexachlorobenzene	10.880	284	180858	40.652	ng	93
69) Atrazine	10.980	200	148732	41.212	ng	97
70) Pentachlorophenol	11.092	266	72825	41.504	ng	94
71) Phenanthrene	11.298	178	854380	40.971	ng	99
72) Anthracene	11.357	178	876199	40.548	ng	100
73) Carbazole	11.516	167	843314	41.845	ng	99
74) Di-n-butylphthalate	11.839	149	1009850	40.812	ng	100
75) Fluoranthene	12.498	202	943555	40.768	ng	99
77) Benzidine	12.627	184	271995	41.206	ng	99
78) Pyrene	12.727	202	952630	39.630	ng	100
80) Butylbenzylphthalate	13.351	149	426260	40.353	ng	98
81) Benzo(a)anthracene	13.933	228	809002	40.716	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	266202	40.397	ng	98
83) Chrysene	13.968	228	786224	40.853	ng	98
84) Bis(2-ethylhexyl)phtha...	13.910	149	573851	40.083	ng	99
85) Di-n-octyl phthalate	14.533	149	908904	40.036	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	631252	39.036	ng	98
88) Benzo(b)fluoranthene	14.992	252	695798	41.890	ng	98
89) Benzo(k)fluoranthene	15.015	252	668285	41.442	ng	99
90) Benzo(a)pyrene	15.357	252	636002	40.720	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	524189	39.542	ng	100
92) Benzo(g,h,i)perylene	17.374	276	546261	40.115	ng	98

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

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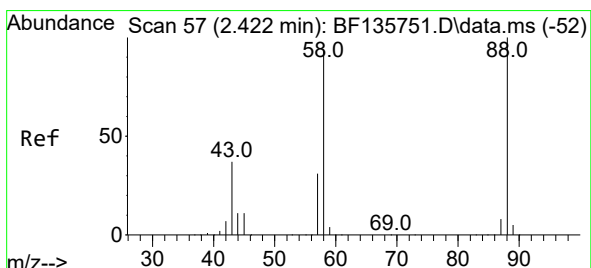
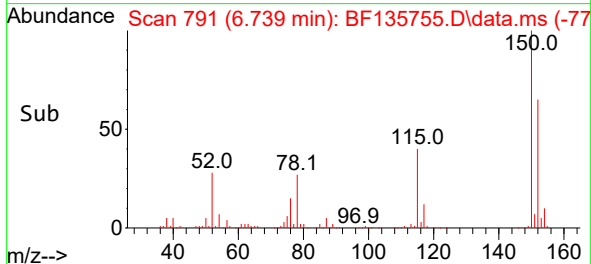
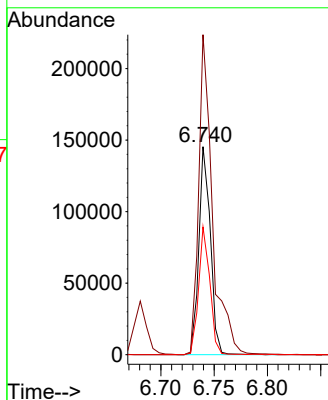
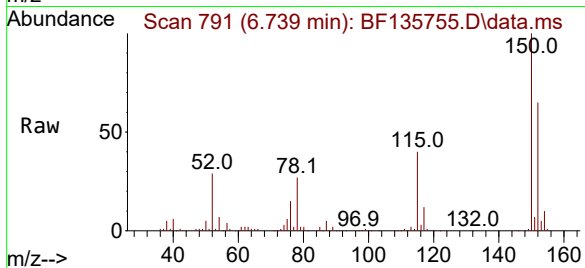




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

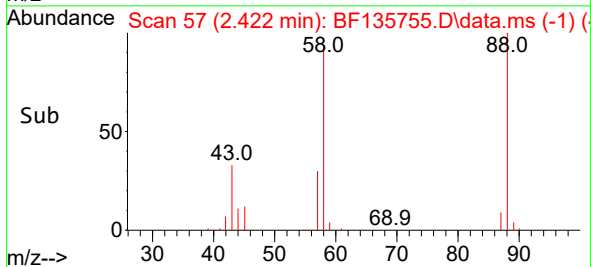
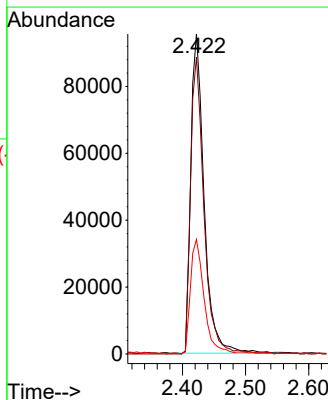
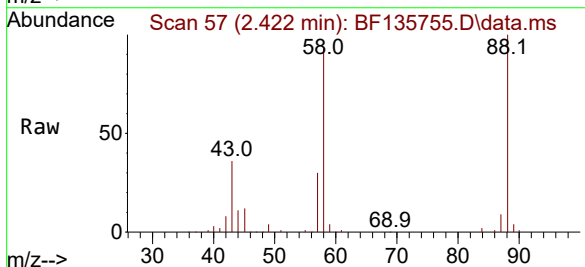
Instrument :
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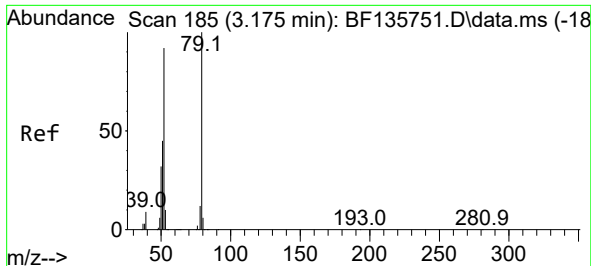
Tgt Ion:152 Resp: 109736
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 61.4 49.0 73.4



#2
1,4-Dioxane
Concen: 42.482 ng
RT: 2.422 min Scan# 57
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion: 88 Resp: 139860
Ion Ratio Lower Upper
88 100
58 93.5 76.1 114.1
43 37.0 29.8 44.8

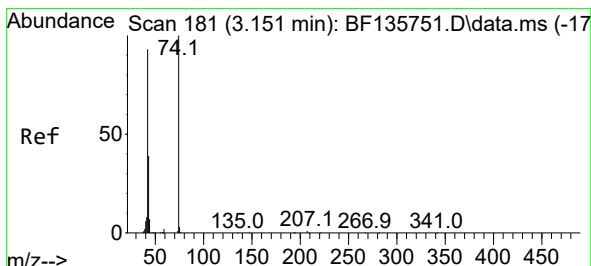
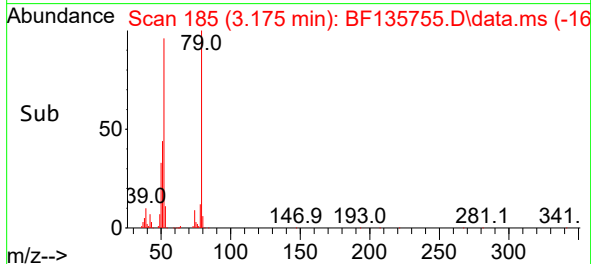
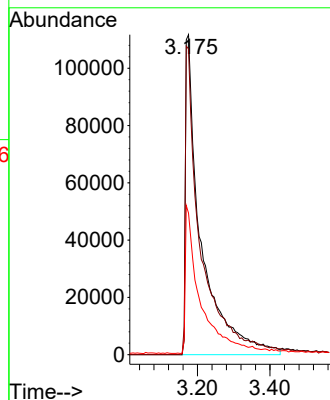
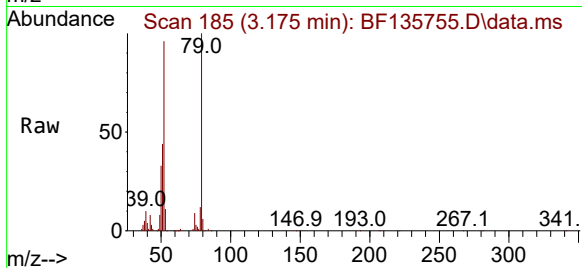




#3
Pyridine
Concen: 41.304 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

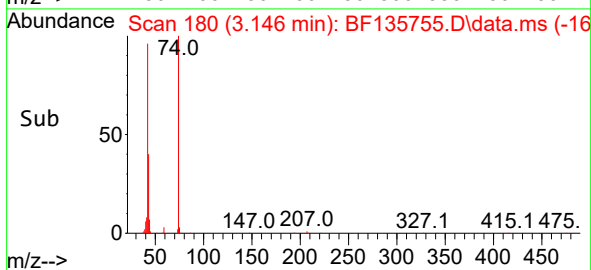
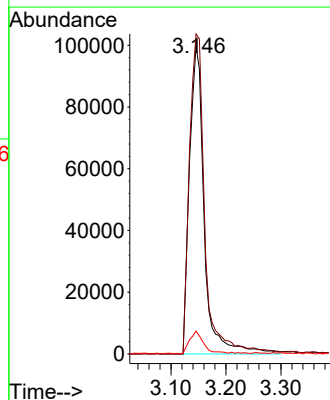
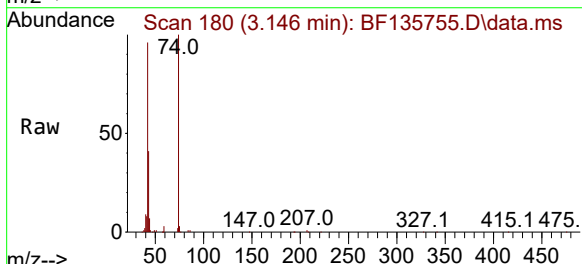
Instrument :
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ClientSampleId :
ICVBF101323

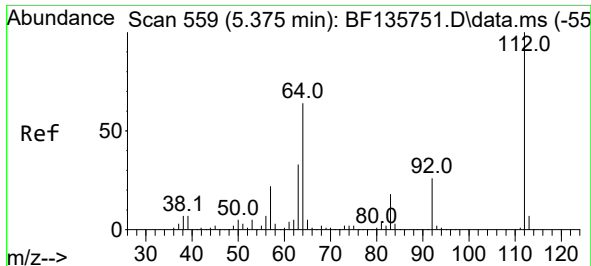
Tgt Ion: 79 Resp: 333643
Ion Ratio Lower Upper
79 100
52 95.5 73.4 110.2
51 44.2 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 42.849 ng
RT: 3.146 min Scan# 180
Delta R.T. -0.006 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion: 42 Resp: 186135
Ion Ratio Lower Upper
42 100
74 103.8 86.5 129.7
44 7.4 5.9 8.9

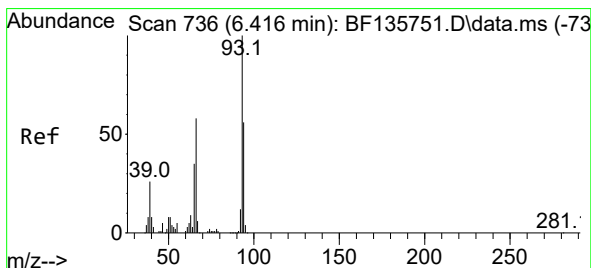
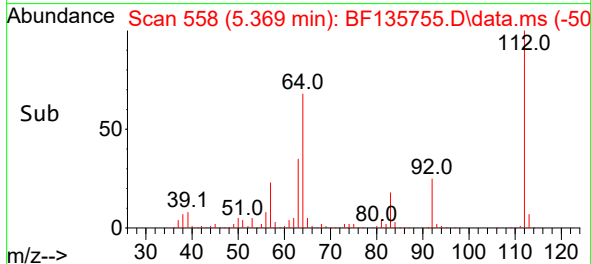
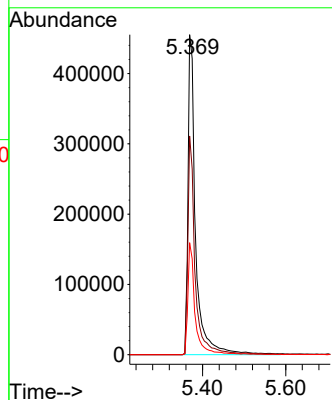
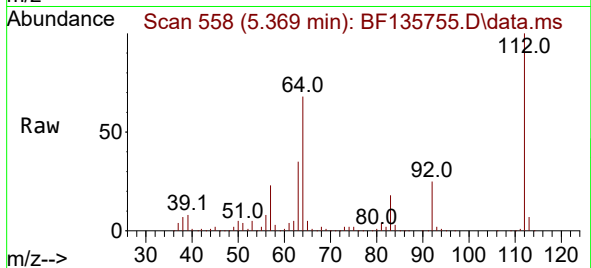




#5
2-Fluorophenol
Concen: 84.960 ng
RT: 5.369 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

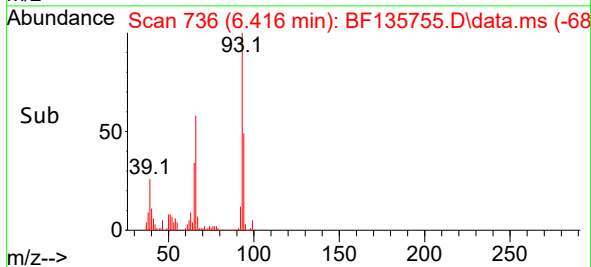
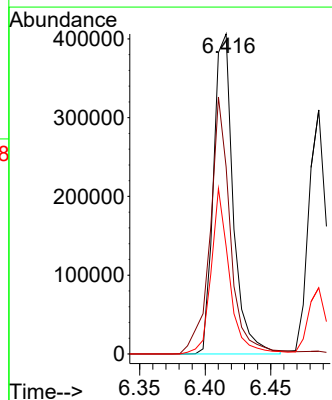
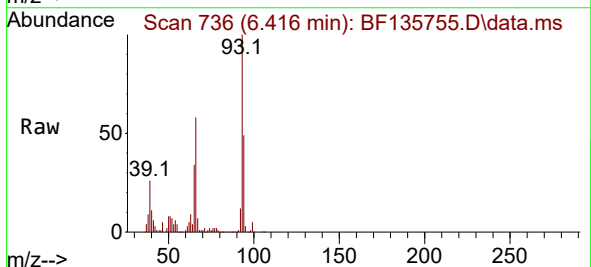
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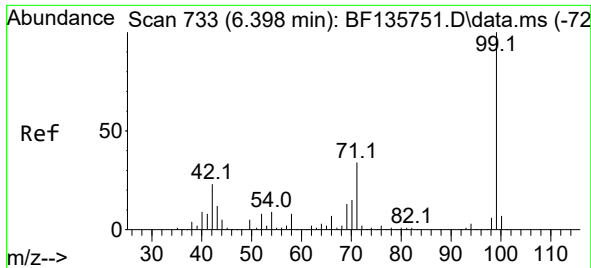
Tgt Ion:112 Resp: 579889
Ion Ratio Lower Upper
112 100
64 68.3 51.2 76.8
63 35.0 26.1 39.1



#6
Aniline
Concen: 39.717 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion: 93 Resp: 425659
Ion Ratio Lower Upper
93 100
66 58.4 47.6 71.4
65 33.6 28.5 42.7

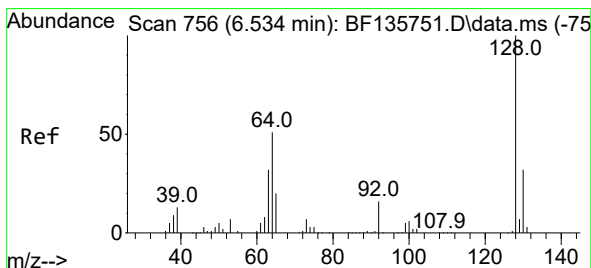
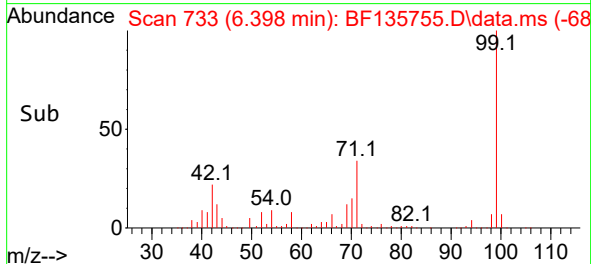
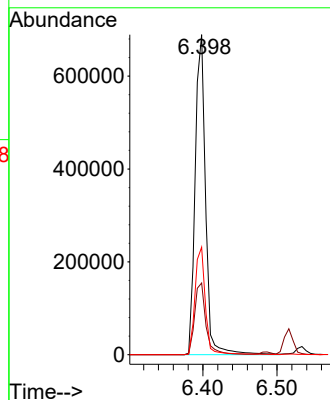
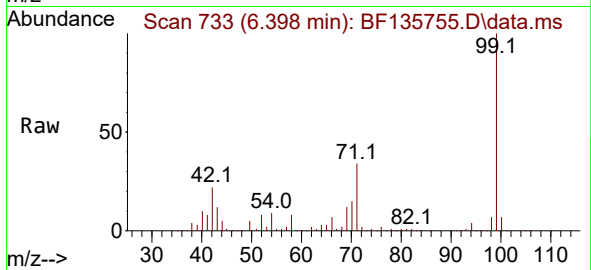




#7
Phenol-d6
Concen: 78.831 ng
RT: 6.398 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

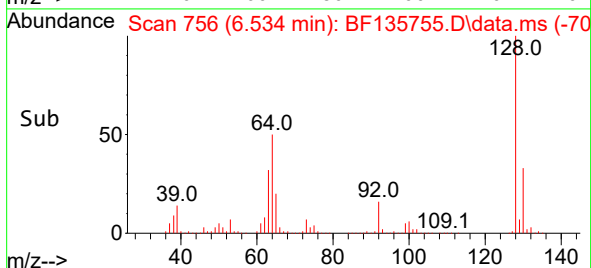
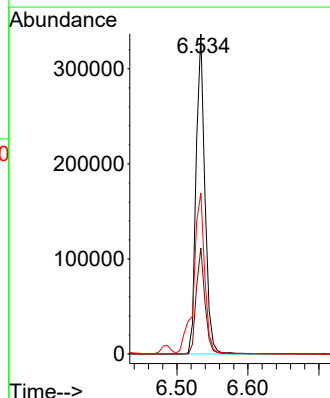
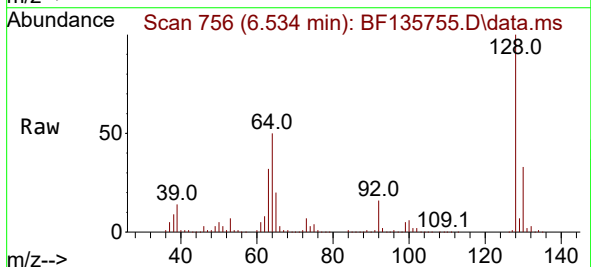
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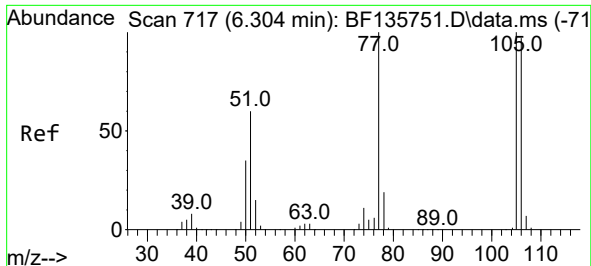
Tgt Ion: 99 Resp: 671343
Ion Ratio Lower Upper
99 100
42 22.4 18.4 27.6
71 33.6 27.2 40.8



#8
2-Chlorophenol
Concen: 39.798 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:128 Resp: 292924
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 50.3 32.3 72.3





#9

Benzaldehyde

Concen: 39.749 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

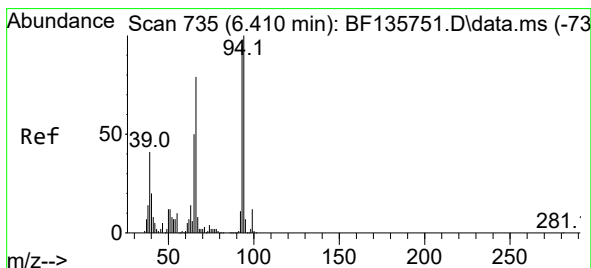
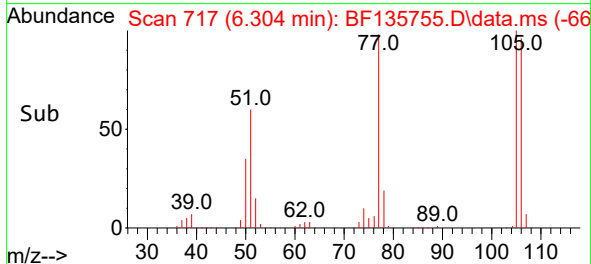
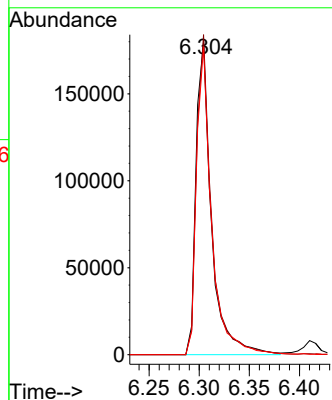
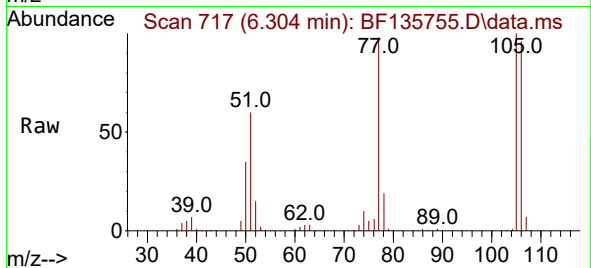
Tgt Ion: 77 Resp: 192668

Ion Ratio Lower Upper

77 100

105 102.2 79.9 119.9

106 98.4 77.1 117.1



#10

Phenol

Concen: 41.074 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

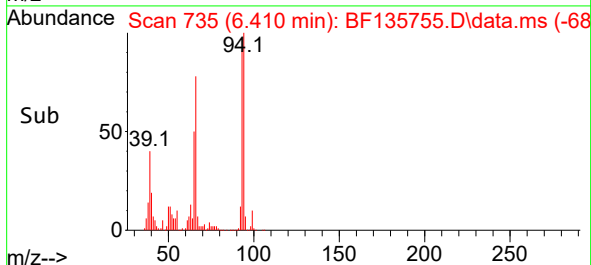
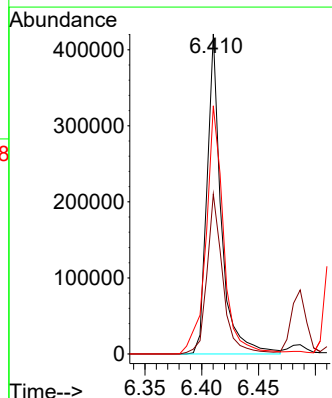
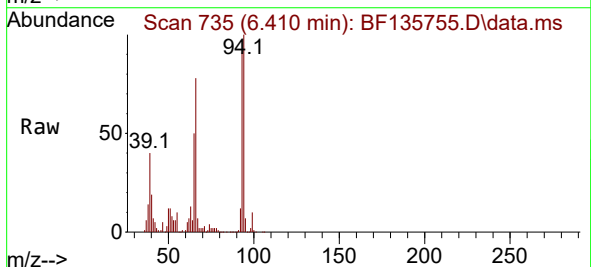
Tgt Ion: 94 Resp: 366525

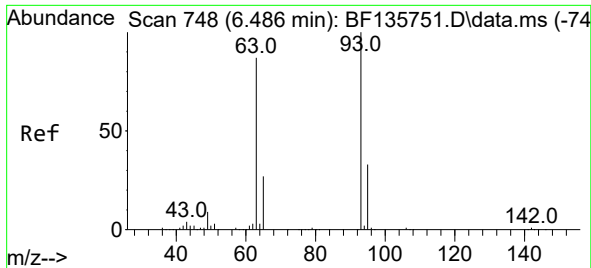
Ion Ratio Lower Upper

94 100

65 49.9 30.3 70.3

66 77.5 59.1 99.1

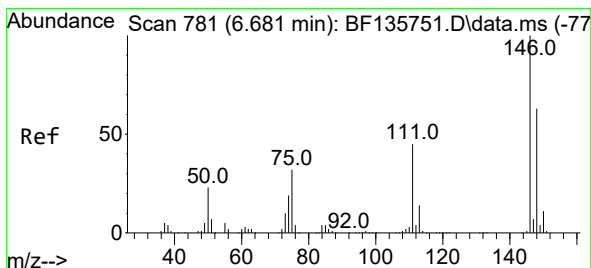
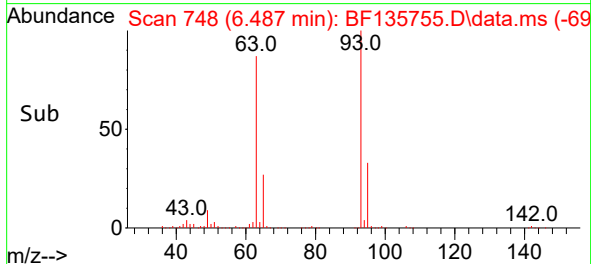
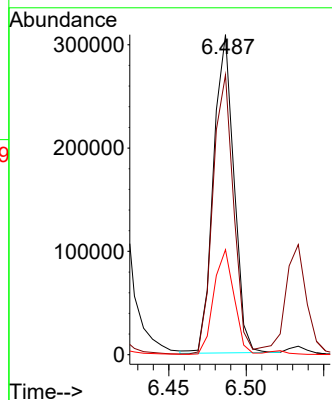
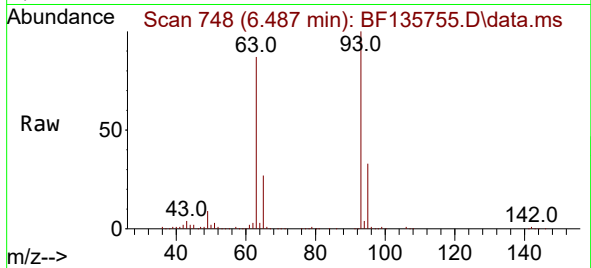




#11
bis(2-Chloroethyl)ether
Concen: 39.362 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

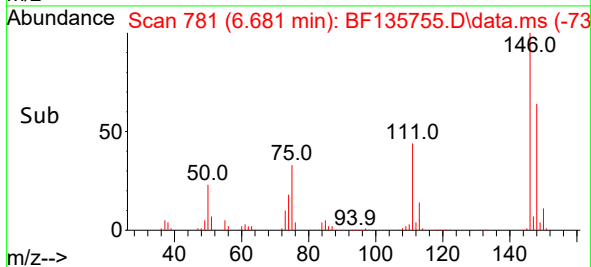
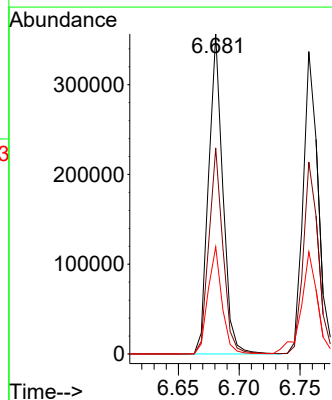
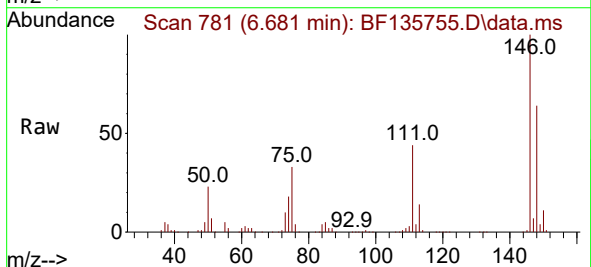
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

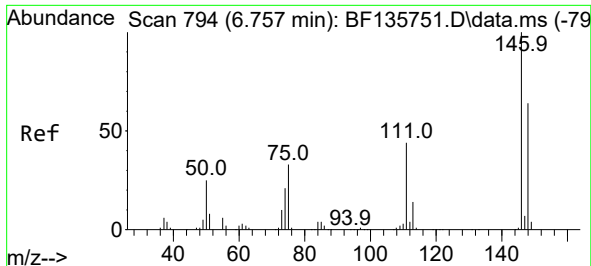
Tgt Ion: 93 Resp: 283014
Ion Ratio Lower Upper
93 100
63 87.4 66.3 106.3
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.716 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:146 Resp: 288893
Ion Ratio Lower Upper
146 100
148 64.4 50.2 75.4
75 33.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.931 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

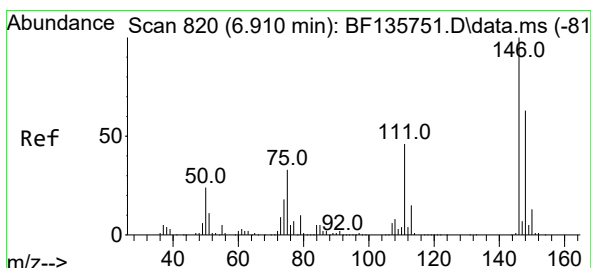
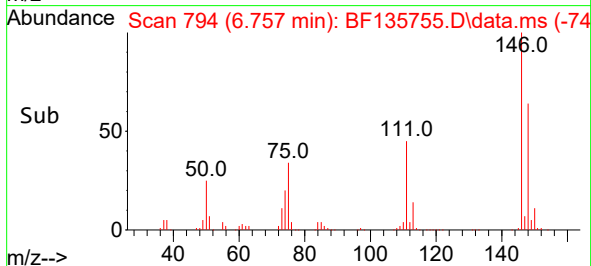
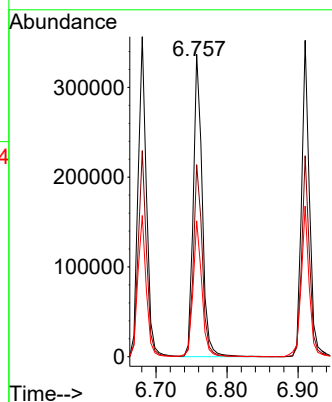
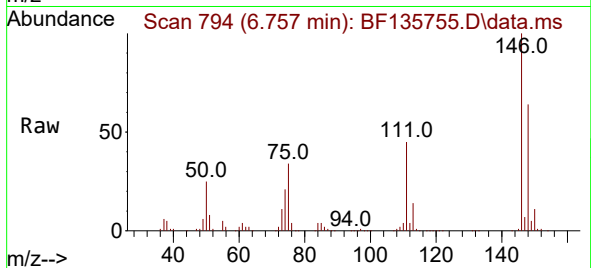
Tgt Ion:146 Resp: 294281

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

111 44.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.486 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

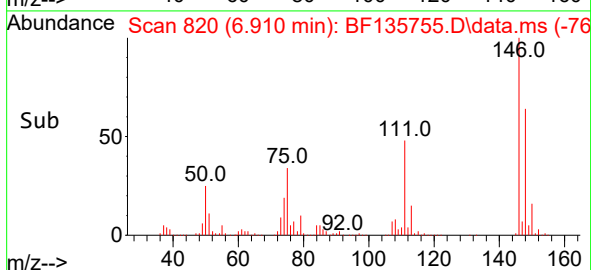
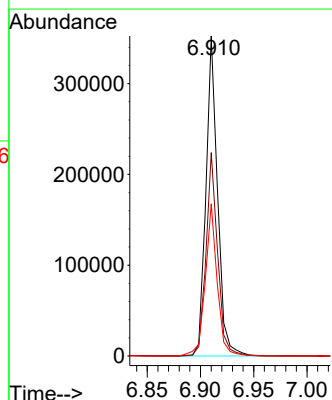
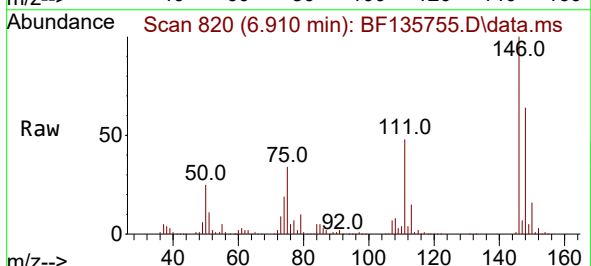
Tgt Ion:146 Resp: 268749

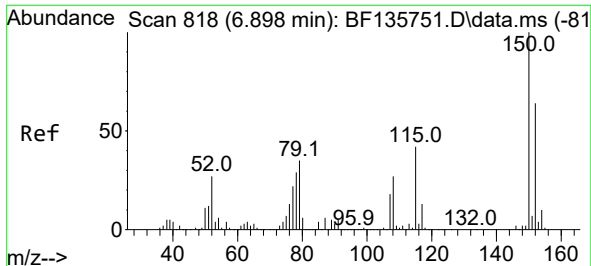
Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

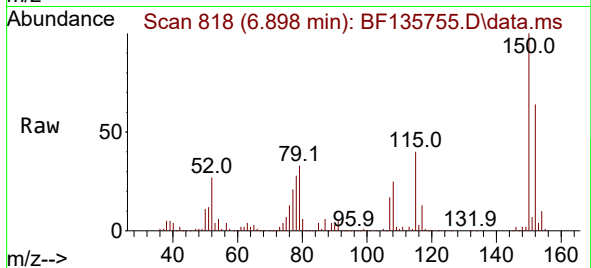
111 47.6 37.1 55.7



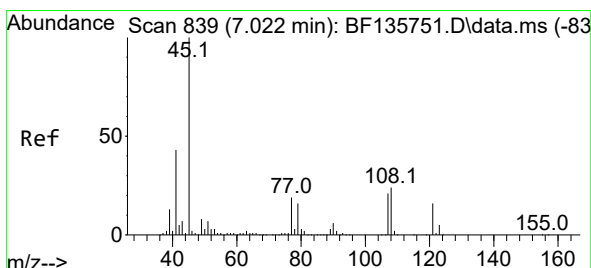
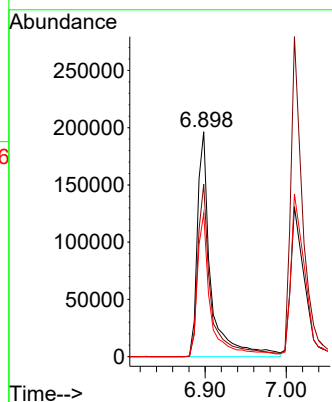
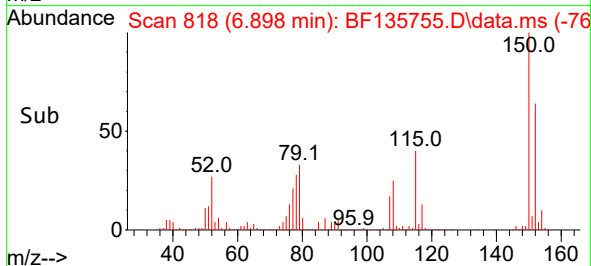


#15
Benzyl Alcohol
Concen: 39.906 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

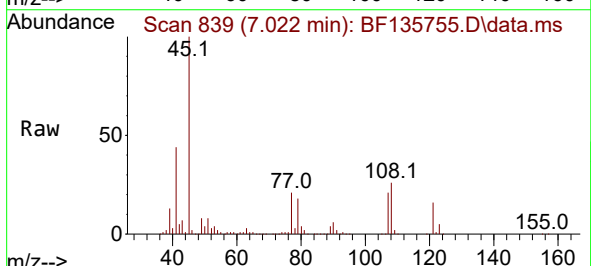
Instrument :
BNA_F
ClientSampleId :
ICVBF101323



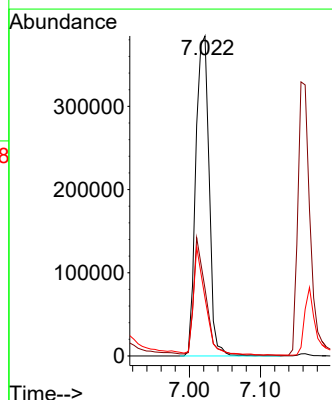
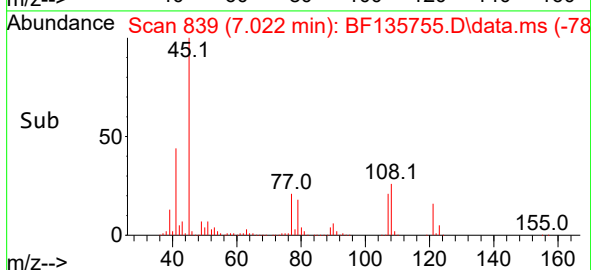
Tgt Ion: 79 Resp: 225968
Ion Ratio Lower Upper
79 100
108 76.6 62.0 93.0
77 63.7 50.5 75.7

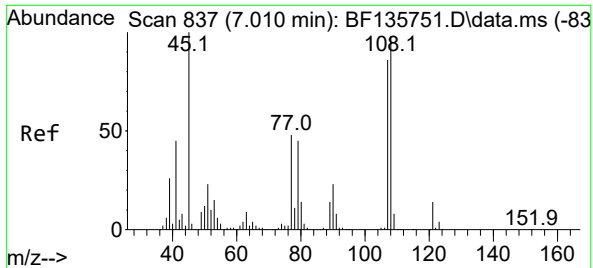


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.527 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28



Tgt Ion: 45 Resp: 500993
Ion Ratio Lower Upper
45 100
77 21.0 0.0 39.8
79 18.1 0.0 37.6

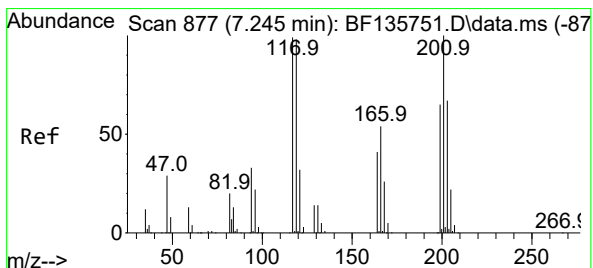
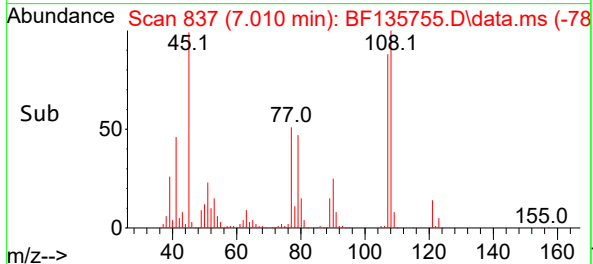
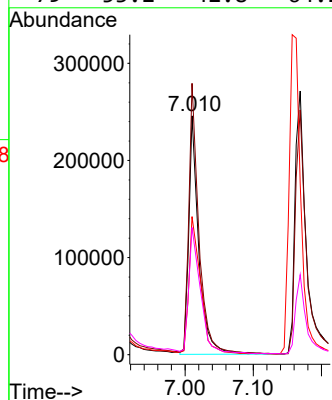
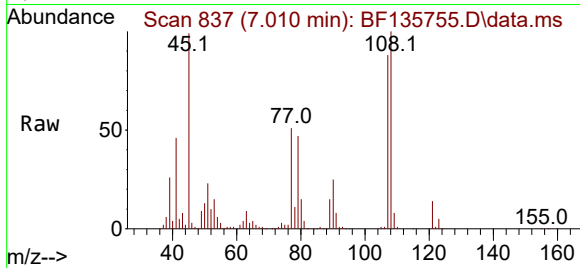




#17
2-Methylphenol
Concen: 39.288 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

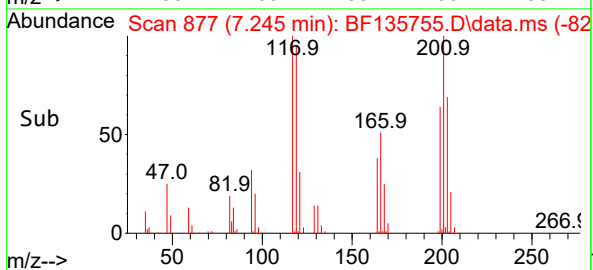
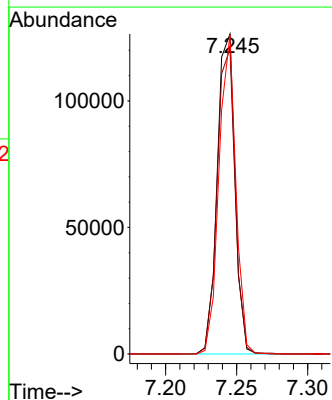
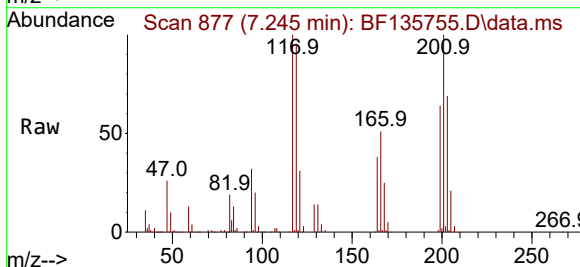
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

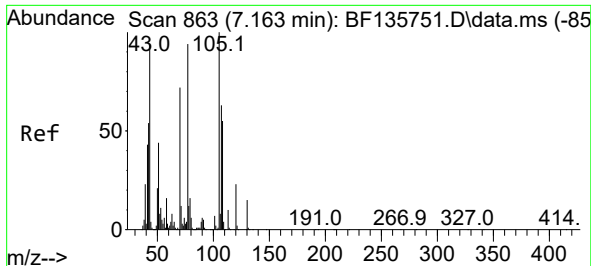
Tgt Ion:107 Resp: 250334
Ion Ratio Lower Upper
107 100
108 113.6 91.8 137.6
77 57.8 45.4 68.0
79 53.2 42.8 64.2



#18
Hexachloroethane
Concen: 40.061 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:117 Resp: 109797
Ion Ratio Lower Upper
117 100
119 95.4 79.5 119.3
201 99.8 80.9 121.3





#19

n-Nitroso-di-n-propylamine

Concen: 38.205 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

Tgt Ion: 70 Resp: 201174

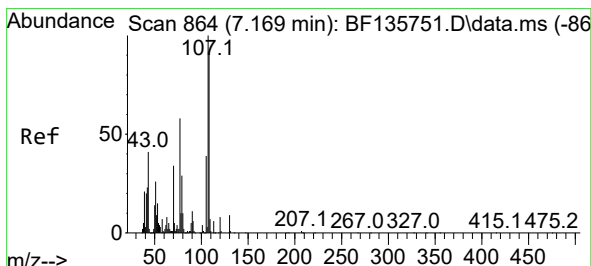
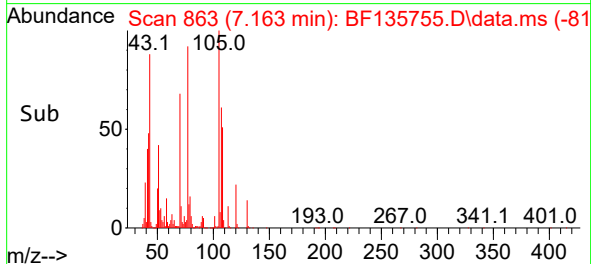
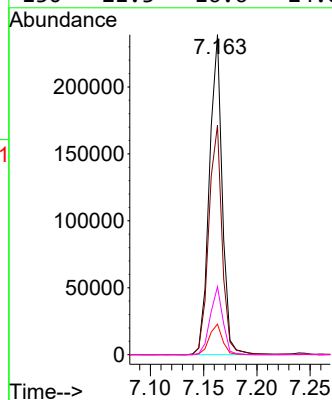
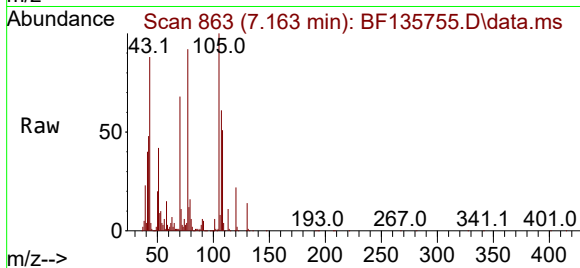
Ion Ratio Lower Upper

70 100

42 71.7 59.8 89.6

101 9.5 7.4 11.2

130 21.3 16.6 24.8



#20

3+4-Methylphenols

Concen: 39.966 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Tgt Ion: 107 Resp: 317467

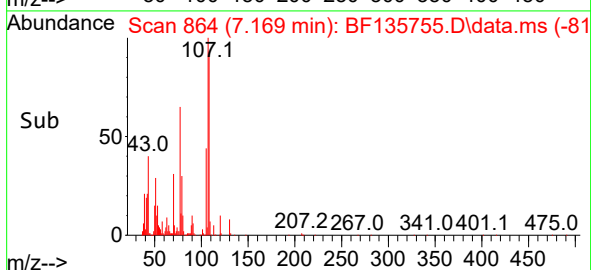
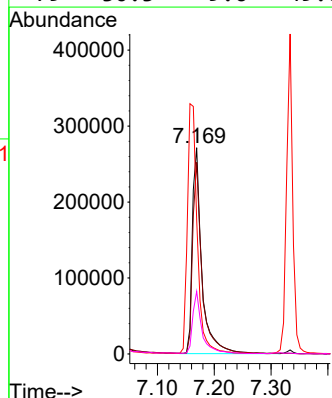
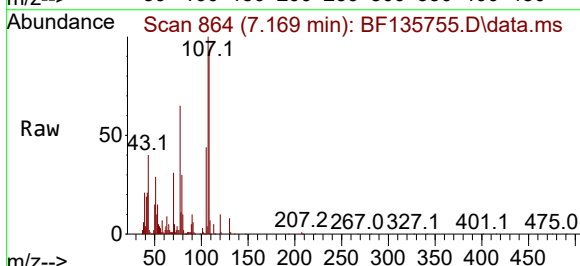
Ion Ratio Lower Upper

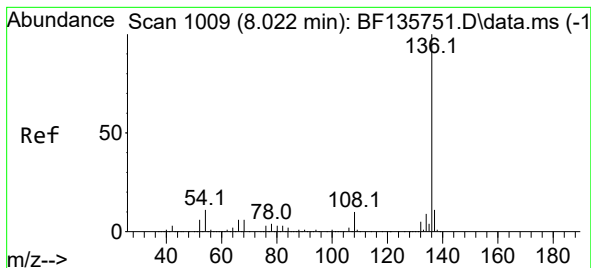
107 100

108 92.8 71.1 111.1

77 64.9 42.0 82.0

79 30.3 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

Tgt Ion:136 Resp: 426243

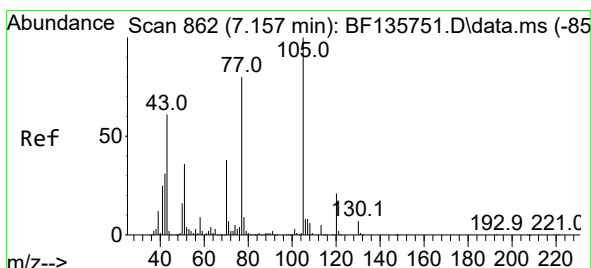
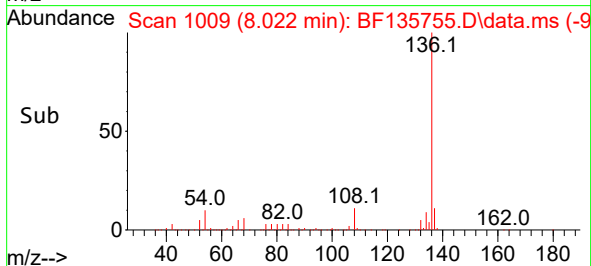
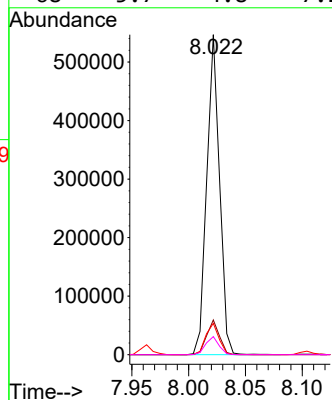
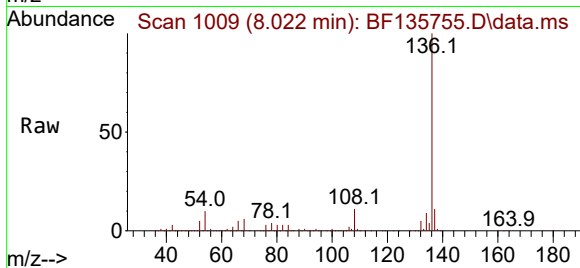
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.8 8.5 12.7

68 5.7 4.8 7.2



#22

Acetophenone

Concen: 39.840 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Tgt Ion:105 Resp: 389457

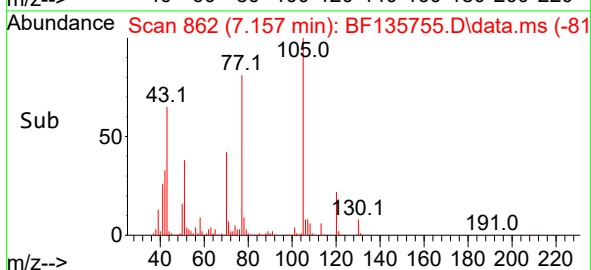
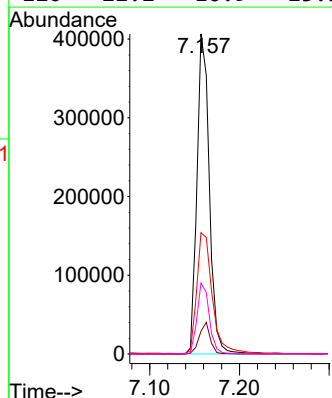
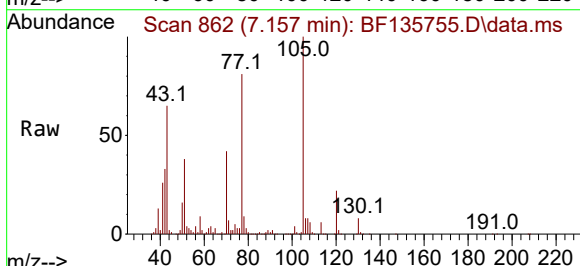
Ion Ratio Lower Upper

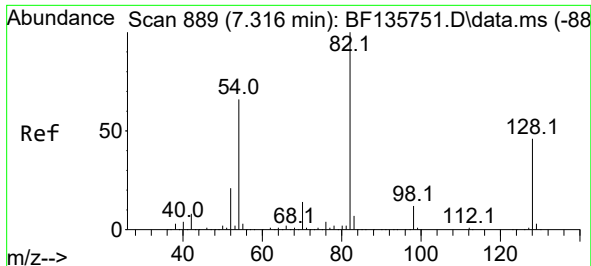
105 100

71 7.1 5.4 8.0

51 37.9 29.4 44.0

120 22.2 16.9 25.3





#23

Nitrobenzene-d5

Concen: 81.640 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

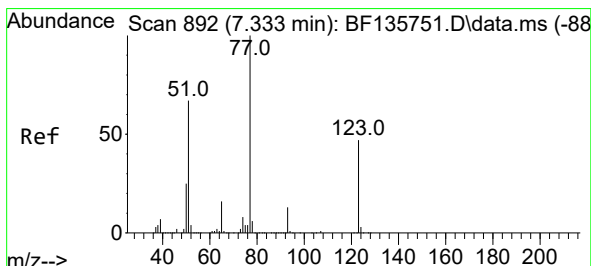
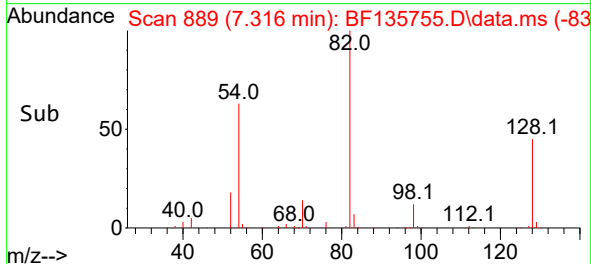
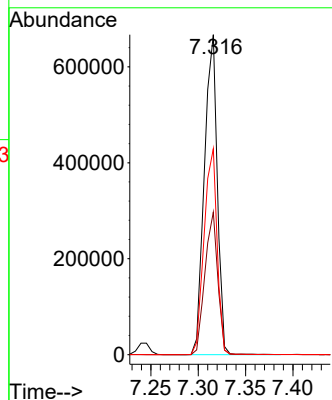
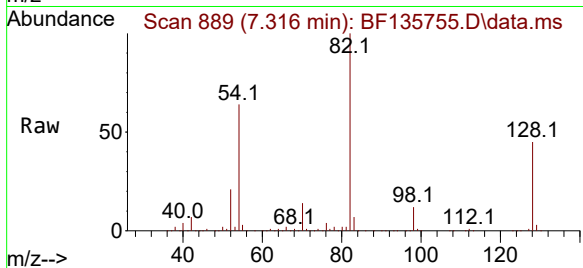
Tgt Ion: 82 Resp: 632708

Ion Ratio Lower Upper

82 100

128 44.6 37.0 55.6

54 64.4 52.8 79.2



#24

Nitrobenzene

Concen: 41.088 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

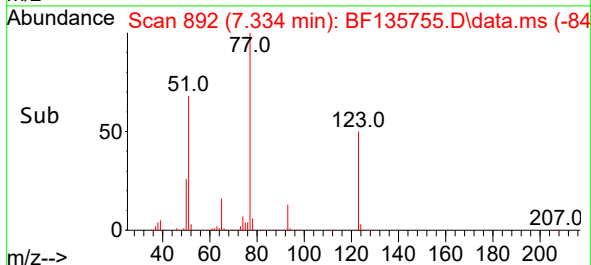
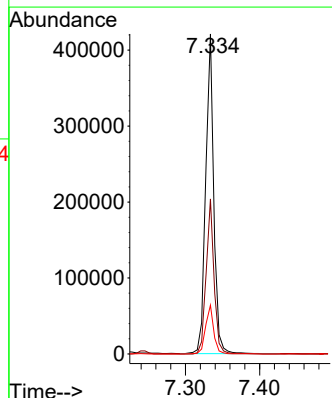
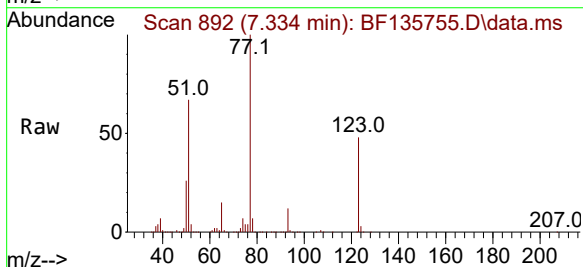
Tgt Ion: 77 Resp: 319583

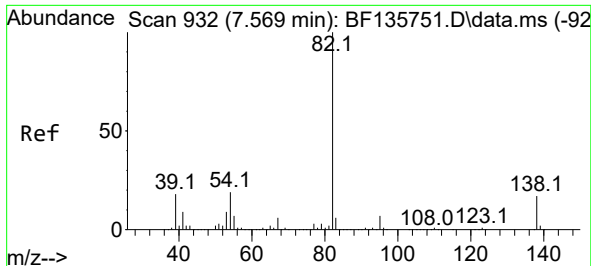
Ion Ratio Lower Upper

77 100

123 48.5 37.3 55.9

65 15.3 12.6 18.8

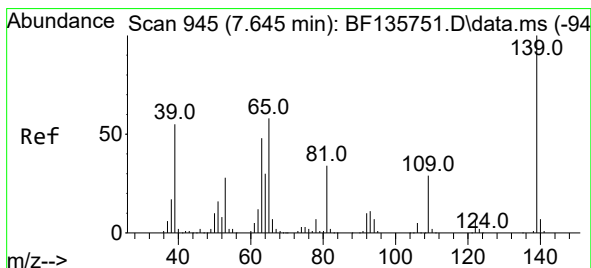
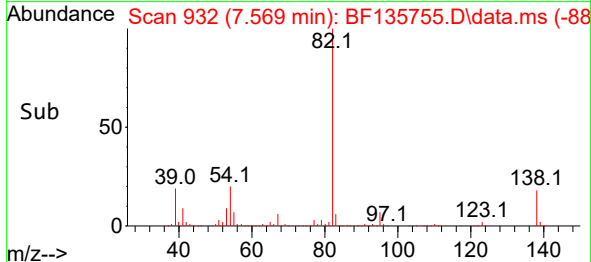
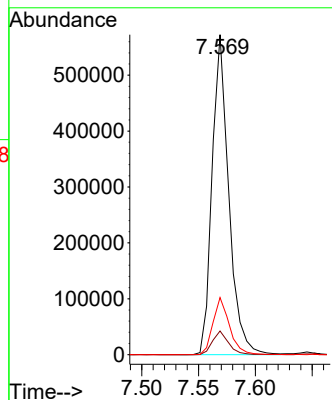
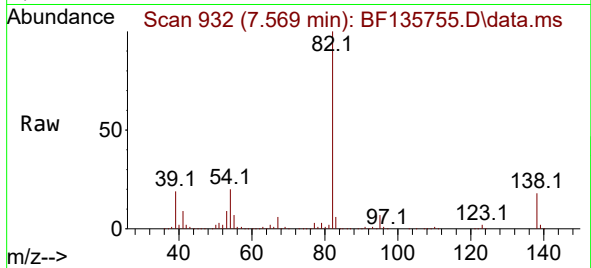




#25
Isophorone
Concen: 39.941 ng
RT: 7.569 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

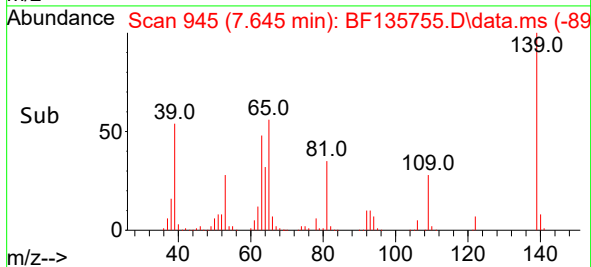
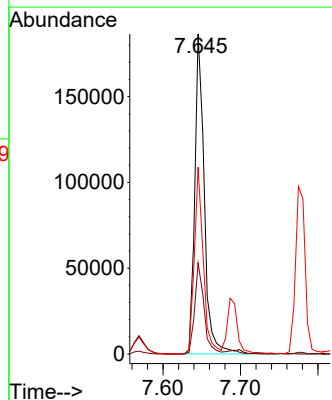
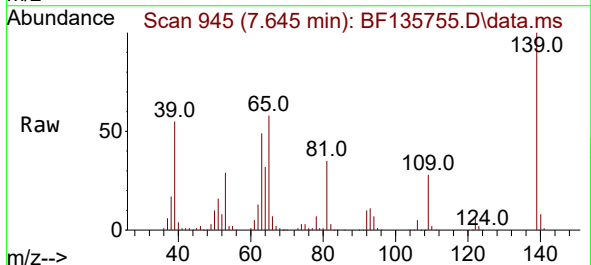
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

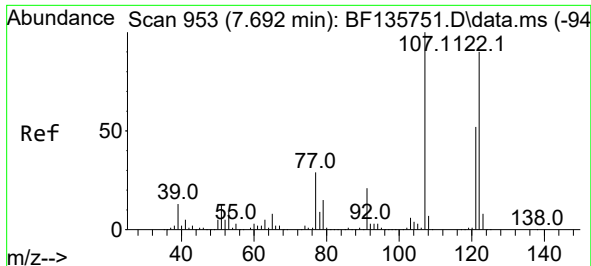
Tgt Ion: 82 Resp: 583973
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.9 13.9 20.9



#26
2-Nitrophenol
Concen: 42.011 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:139 Resp: 159468
Ion Ratio Lower Upper
139 100
109 28.4 23.0 34.4
65 58.4 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 41.315 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

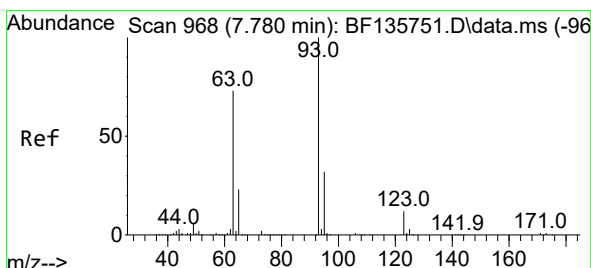
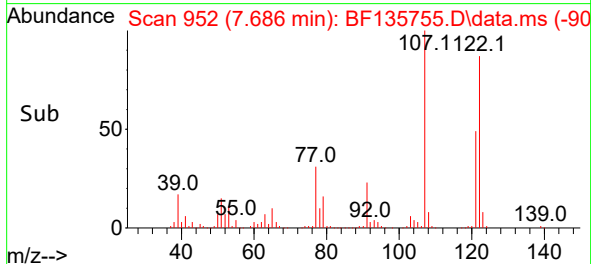
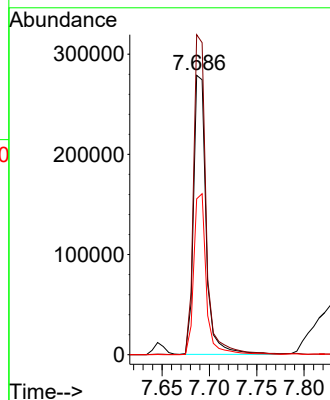
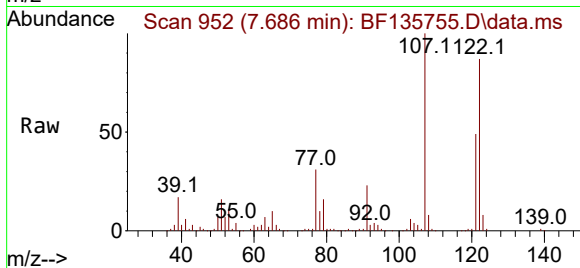
Tgt Ion:122 Resp: 258168

Ion Ratio Lower Upper

122 100

107 114.5 88.2 132.4

121 55.8 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.728 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

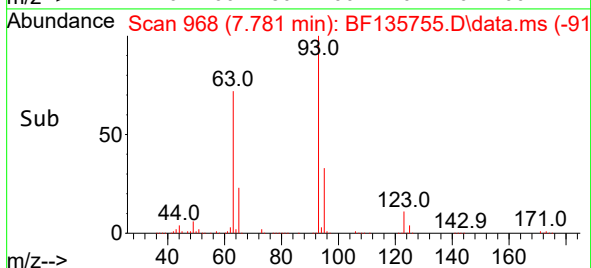
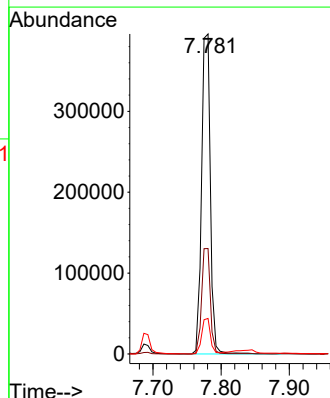
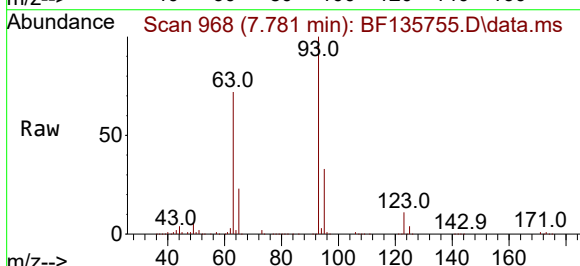
Tgt Ion: 93 Resp: 354625

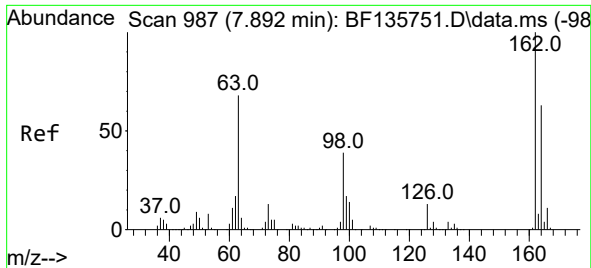
Ion Ratio Lower Upper

93 100

95 32.9 25.7 38.5

123 11.1 9.4 14.0

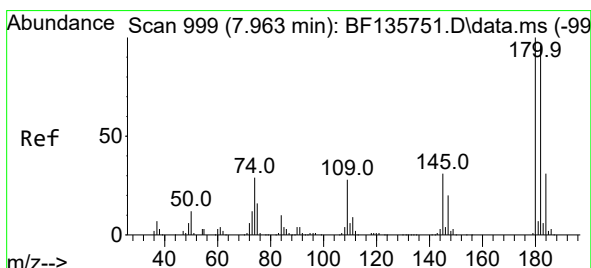
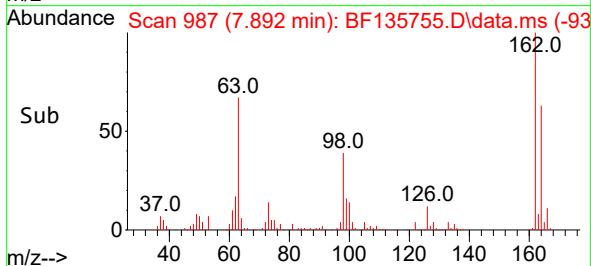
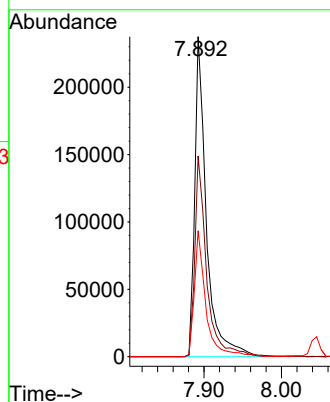
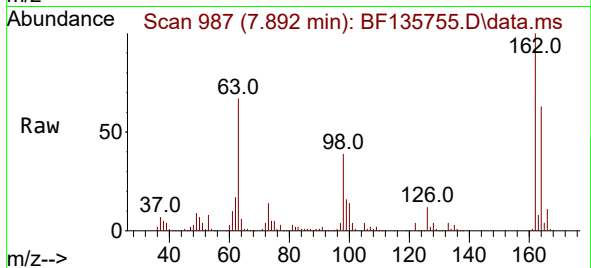




#29
2,4-Dichlorophenol
Concen: 42.353 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

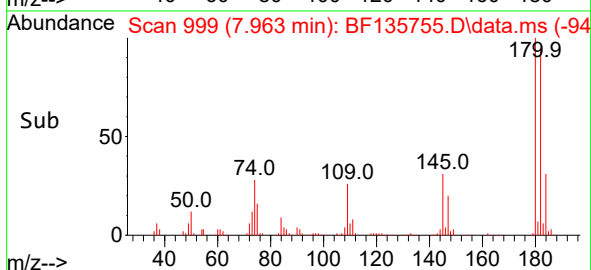
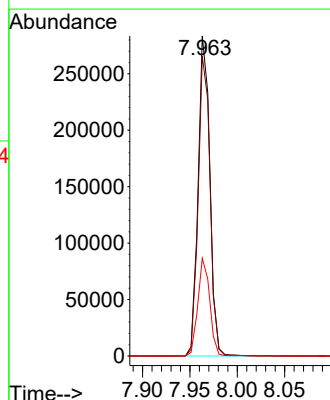
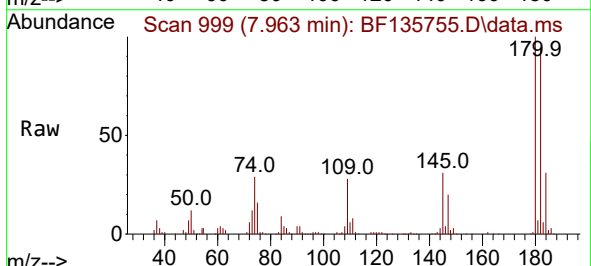
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

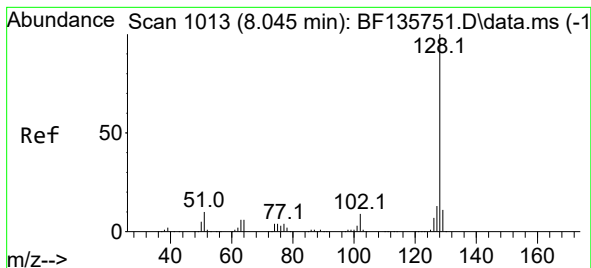
Tgt Ion:162 Resp: 248017
Ion Ratio Lower Upper
162 100
164 62.7 43.4 83.4
98 39.3 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 40.992 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:180 Resp: 245516
Ion Ratio Lower Upper
180 100
182 93.7 76.4 114.6
145 30.6 25.0 37.6





#31

Naphthalene

Concen: 40.959 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

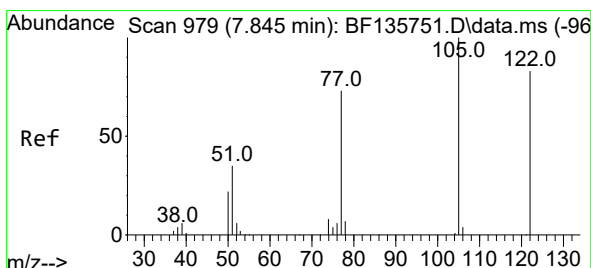
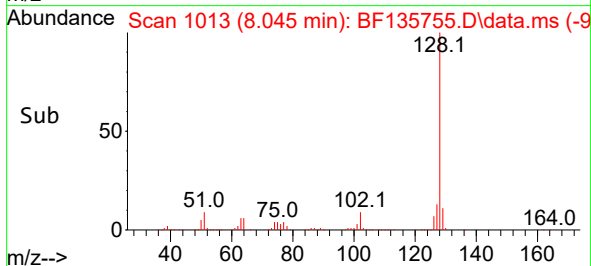
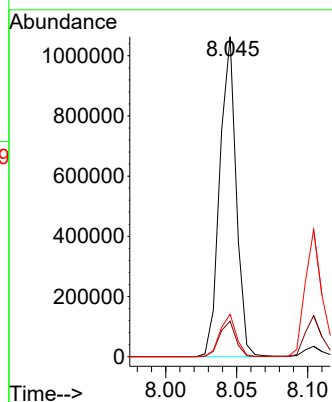
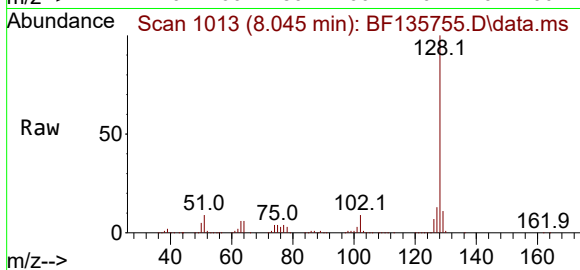
Tgt Ion:128 Resp: 851551

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.3 10.2 15.4



#32

Benzoic acid

Concen: 42.928 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

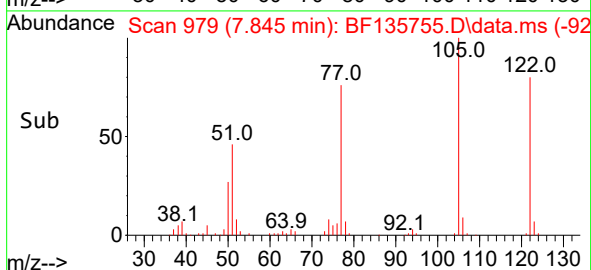
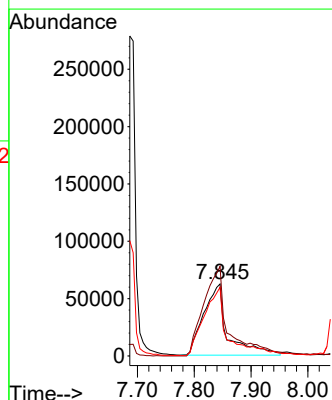
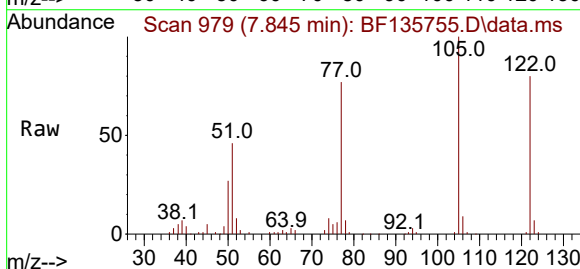
Tgt Ion:122 Resp: 181577

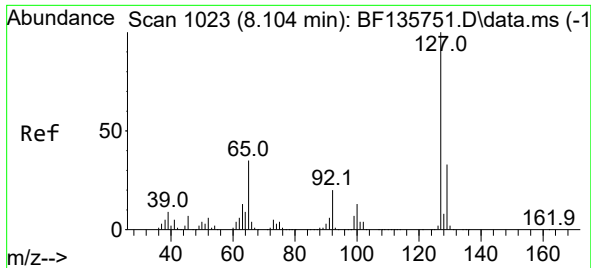
Ion Ratio Lower Upper

122 100

105 124.4 98.7 138.7

77 95.3 67.8 107.8

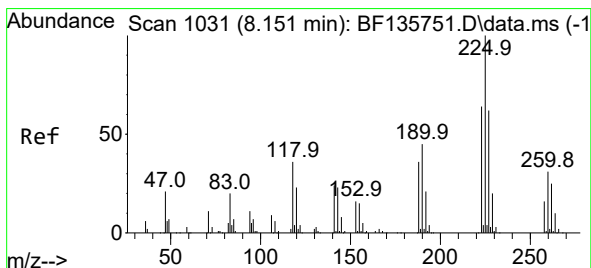
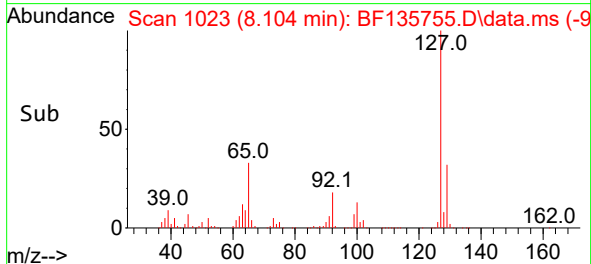
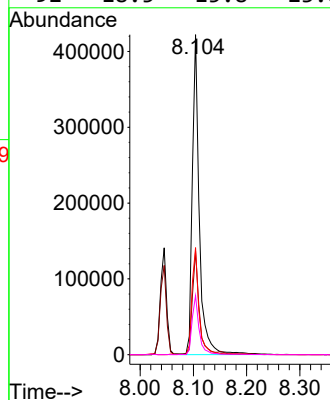
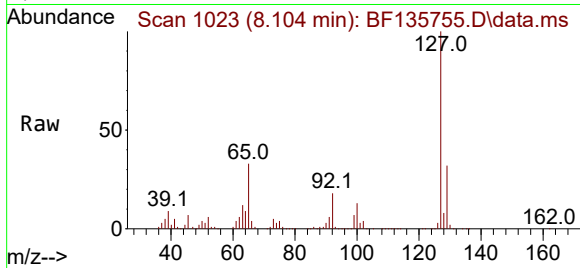




#33
4-Chloroaniline
Concen: 42.571 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

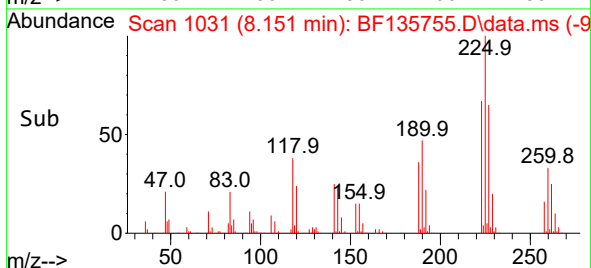
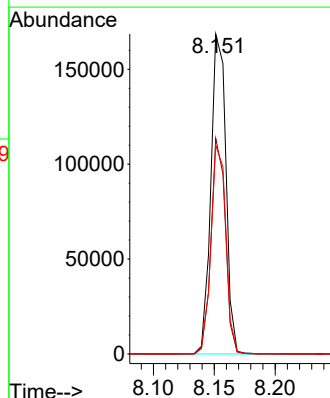
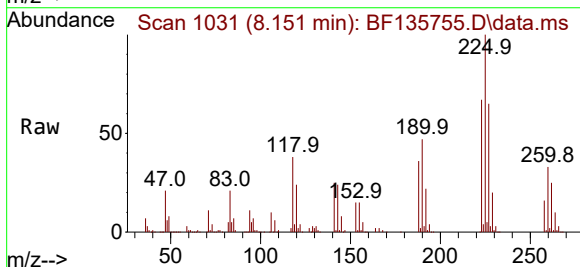
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

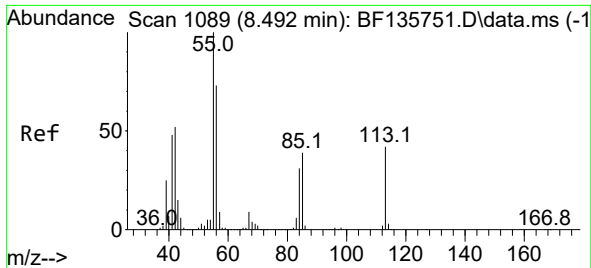
Tgt Ion:	127	Resp:	386618
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	33.4	27.9	41.9
92	18.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 40.742 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:	225	Resp:	144437
Ion	Ratio	Lower	Upper
225	100		
223	67.3	51.1	76.7
227	65.2	49.7	74.5

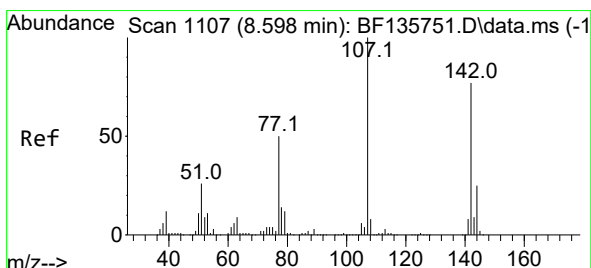
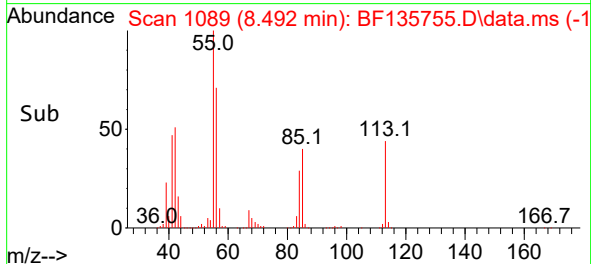
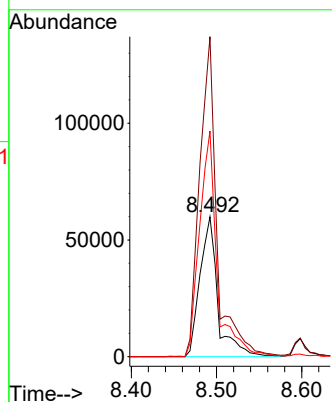
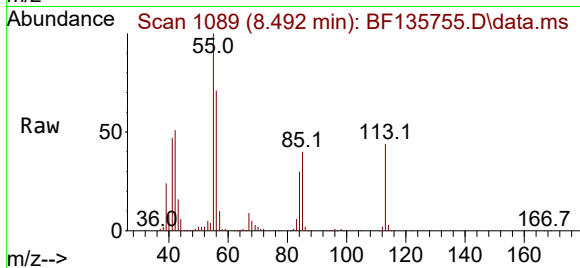




#35
 Caprolactam
 Concen: 43.705 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: BF135755.D
 Acq: 13 Oct 2023 16:28

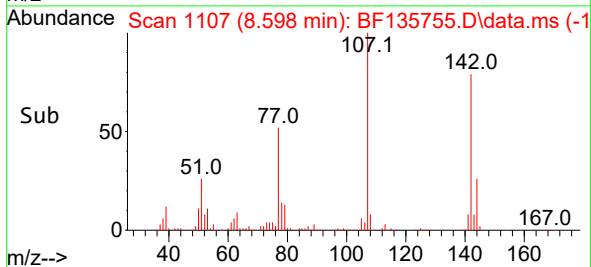
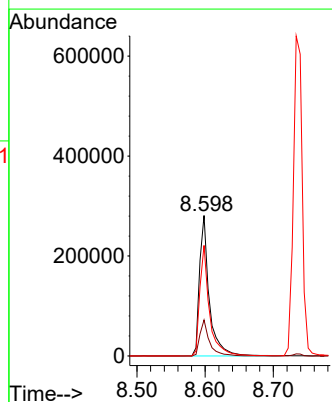
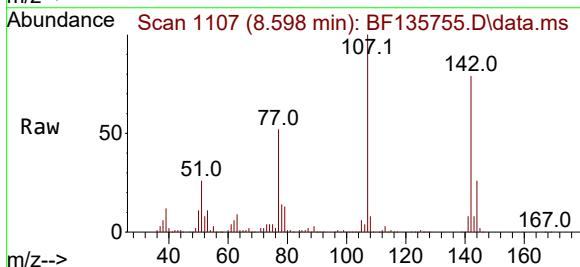
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101323

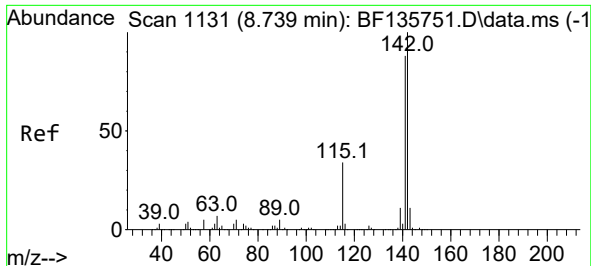
Tgt Ion:113 Resp: 87492
 Ion Ratio Lower Upper
 113 100
 55 228.8 217.4 257.4
 56 161.3 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.199 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF135755.D
 Acq: 13 Oct 2023 16:28

Tgt Ion:107 Resp: 280540
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.8
 142 78.7 61.3 91.9

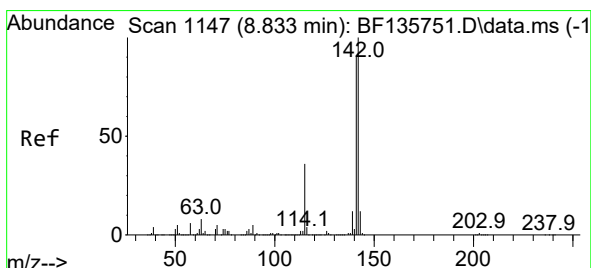
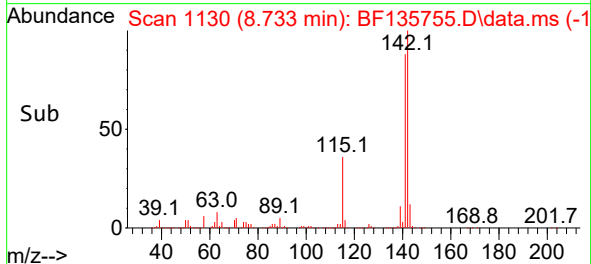
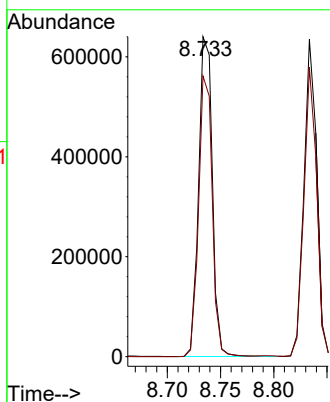
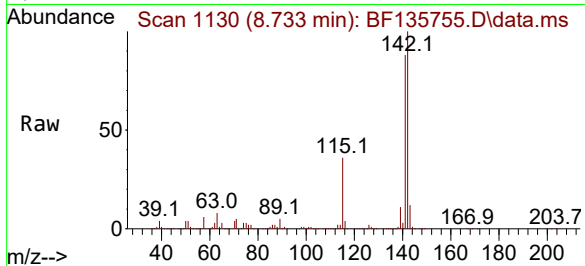




#37
2-Methylnaphthalene
Concen: 42.088 ng
RT: 8.733 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

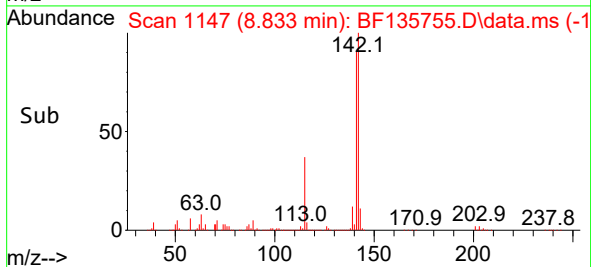
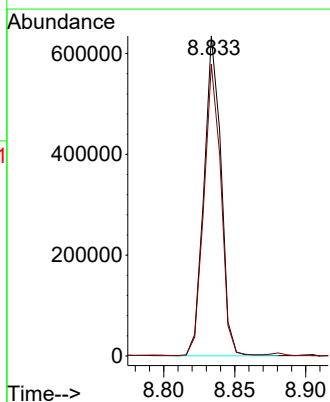
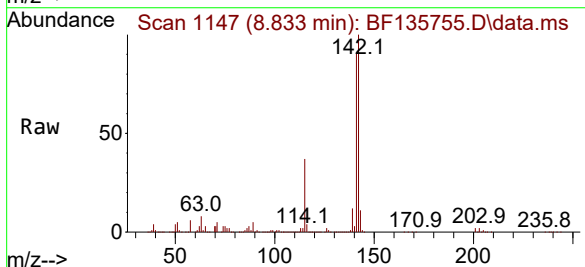
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

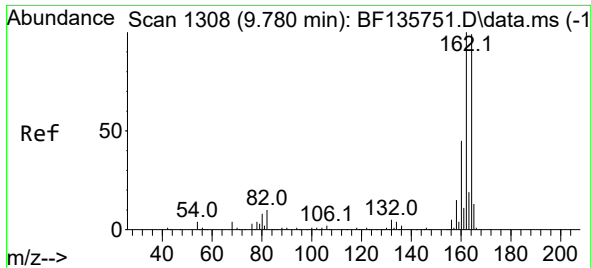
Tgt Ion:142 Resp: 576505
Ion Ratio Lower Upper
142 100
141 87.7 70.6 105.8



#38
1-Methylnaphthalene
Concen: 41.975 ng
RT: 8.833 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:142 Resp: 530307
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1

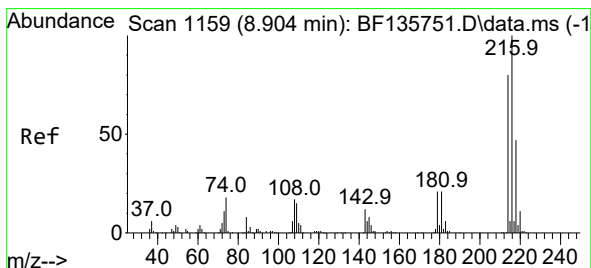
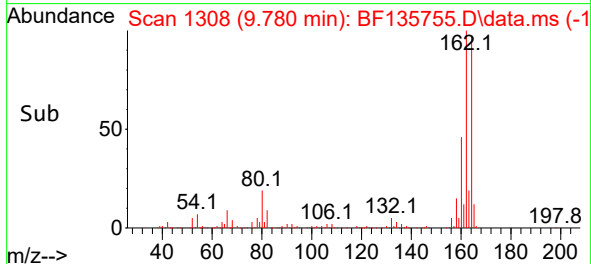
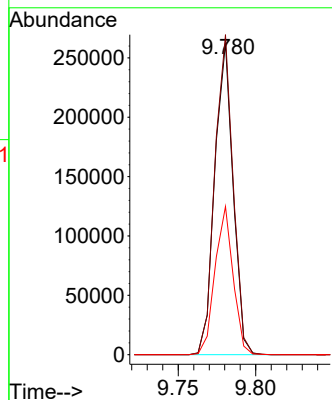
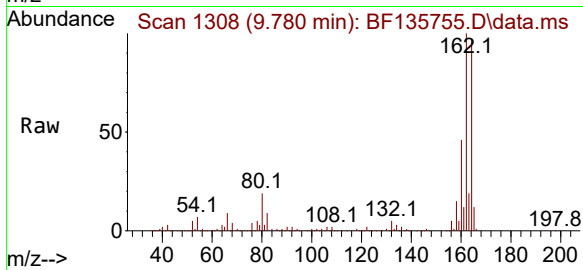




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

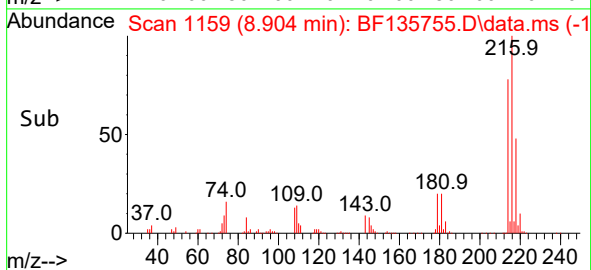
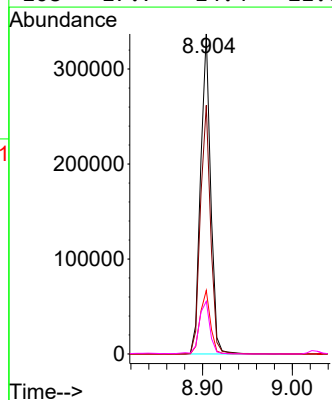
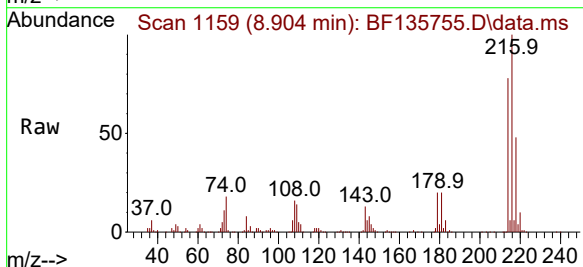
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

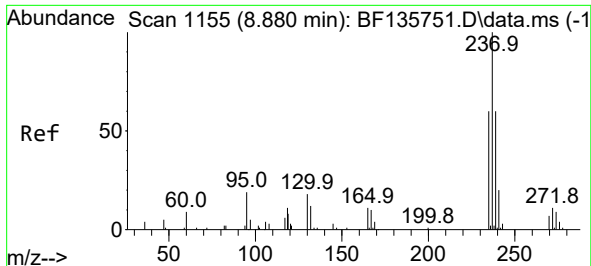
Tgt Ion:164 Resp: 215857
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 47.5 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.187 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:216 Resp: 261950
Ion Ratio Lower Upper
216 100
214 78.5 64.0 96.0
179 20.3 16.9 25.3
108 17.7 14.4 21.6

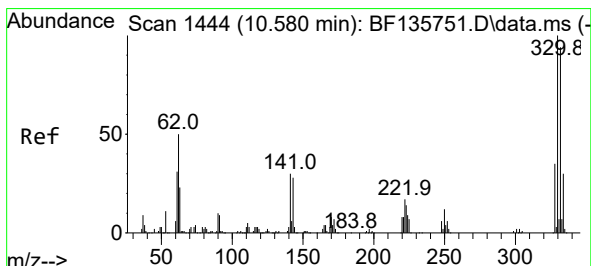
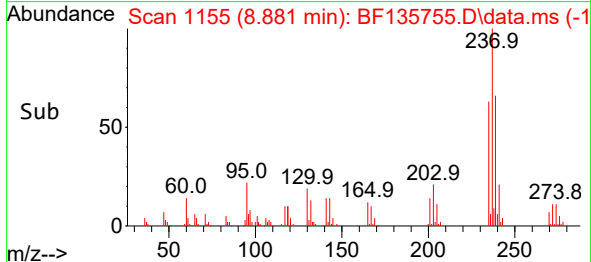
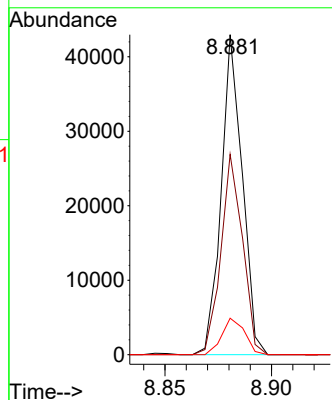
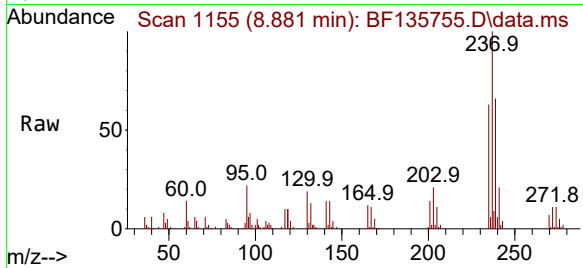




#41
Hexachlorocyclopentadiene
Concen: 41.624 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.001 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

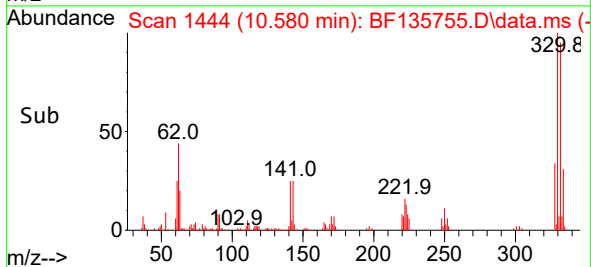
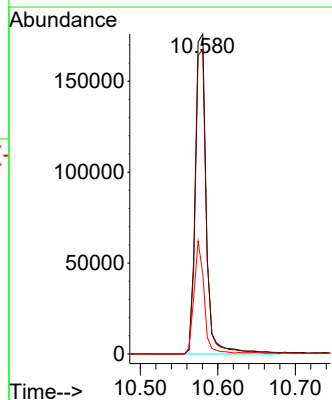
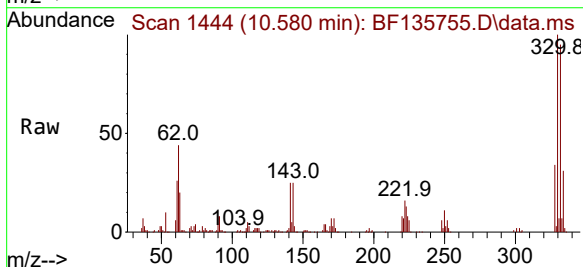
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

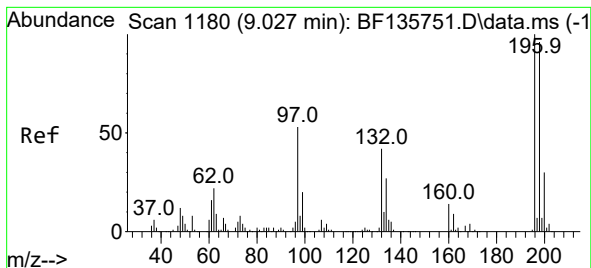
Tgt Ion:237 Resp: 29456
Ion Ratio Lower Upper
237 100
235 62.6 40.0 80.0
272 11.4 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 84.439 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:330 Resp: 174900
Ion Ratio Lower Upper
330 100
332 95.6 75.0 112.4
141 32.2 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 42.532 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

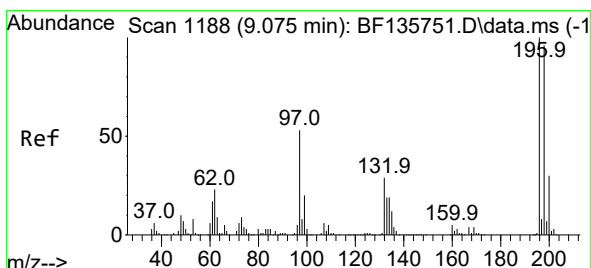
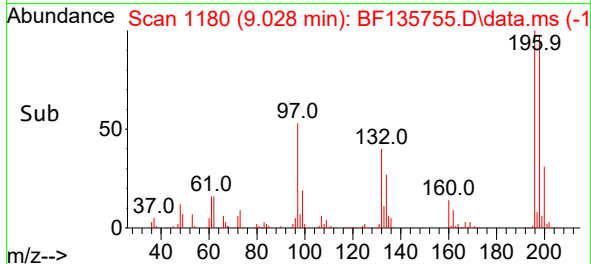
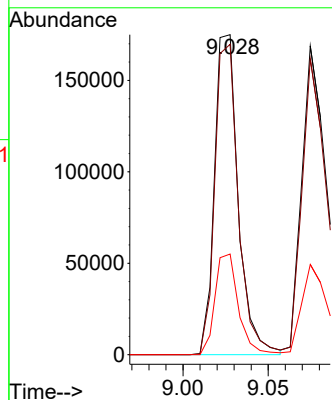
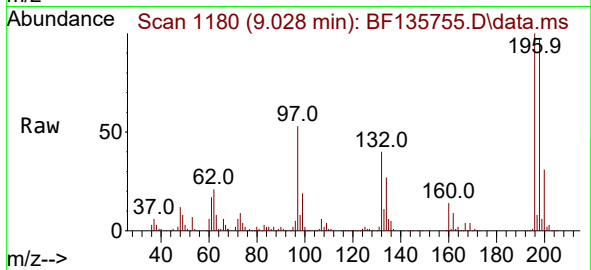
Tgt Ion:196 Resp: 170182

Ion Ratio Lower Upper

196 100

198 97.0 76.7 115.1

200 31.4 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.582 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Tgt Ion:196 Resp: 198169

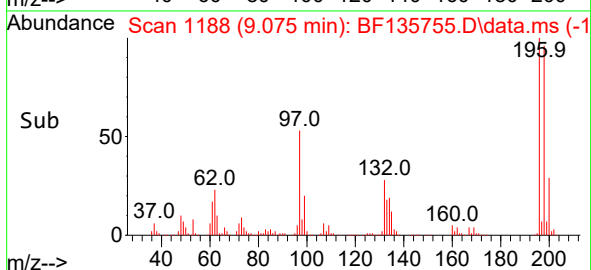
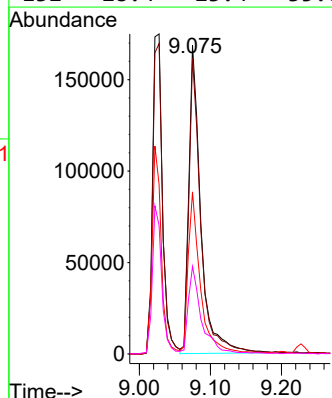
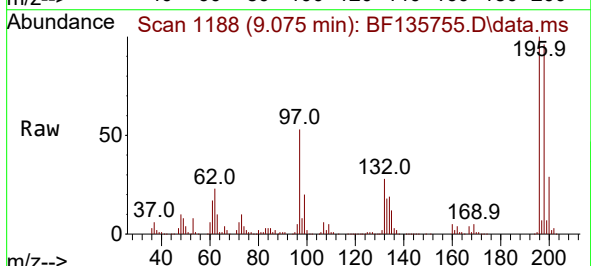
Ion Ratio Lower Upper

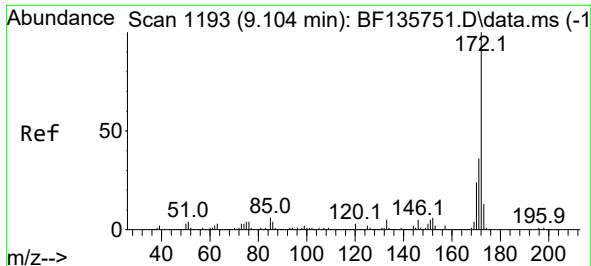
196 100

198 95.9 77.0 115.6

97 52.5 42.2 63.2

132 28.4 23.4 35.0

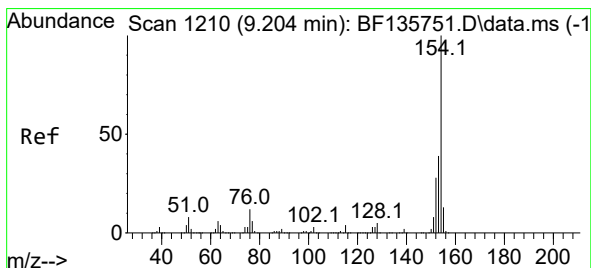
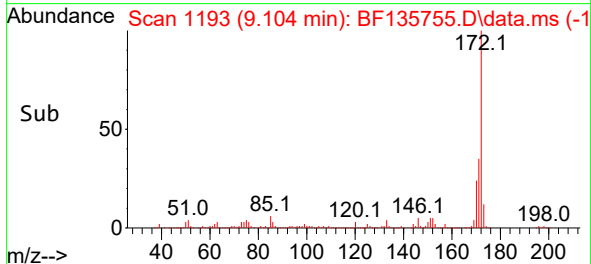
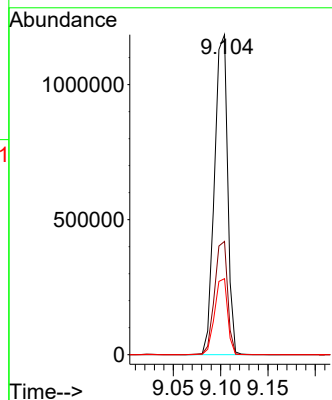
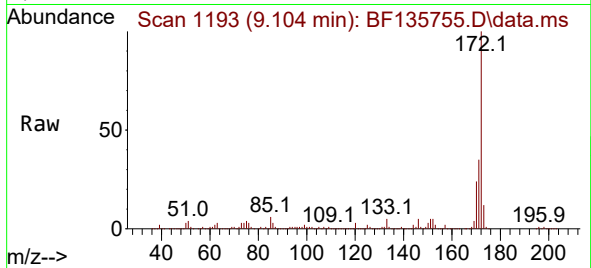




#45
2-Fluorobiphenyl
Concen: 82.419 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

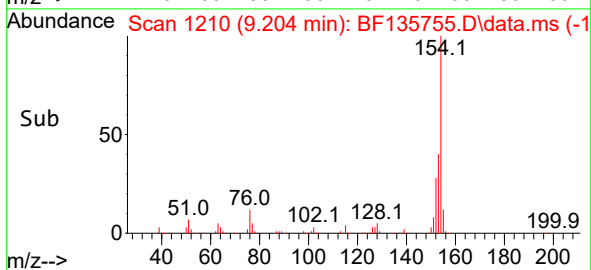
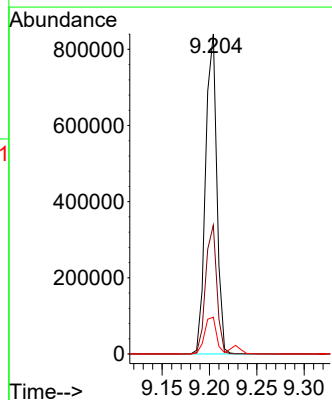
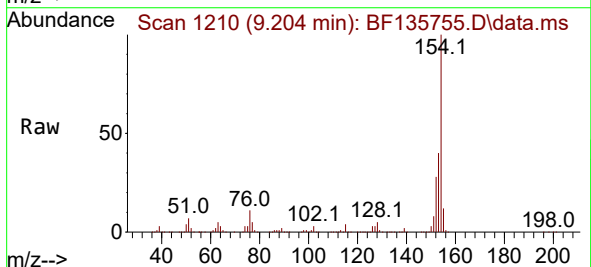
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

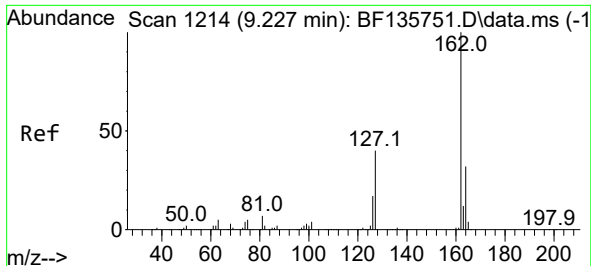
Tgt Ion:172 Resp: 1137871
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 41.820 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:154 Resp: 691498
Ion Ratio Lower Upper
154 100
153 40.2 19.4 59.4
76 11.5 0.0 31.7

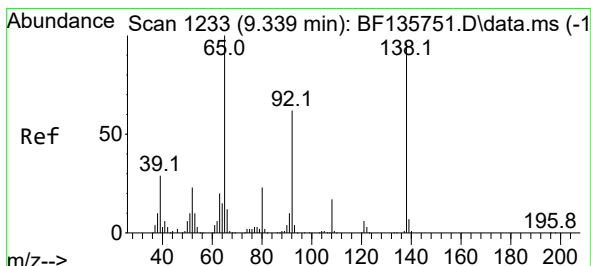
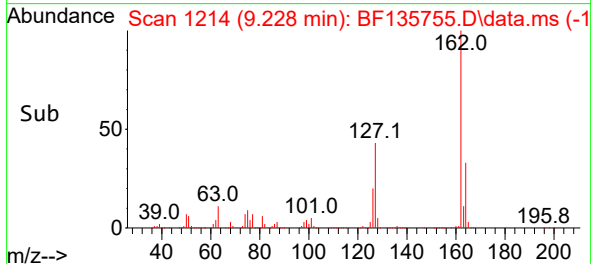
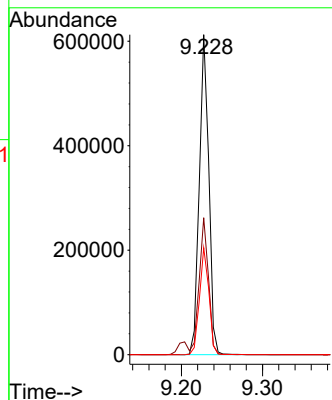
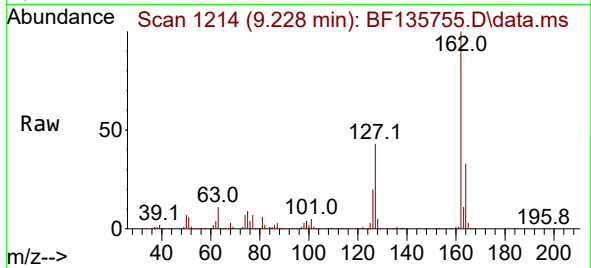




#47
2-Chloronaphthalene
Concen: 41.913 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

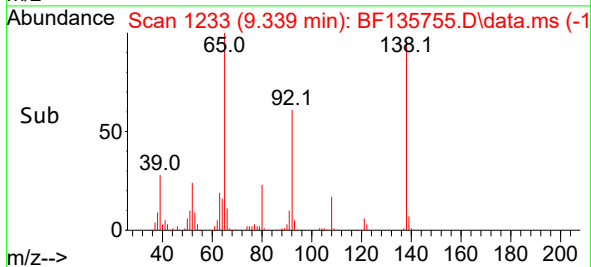
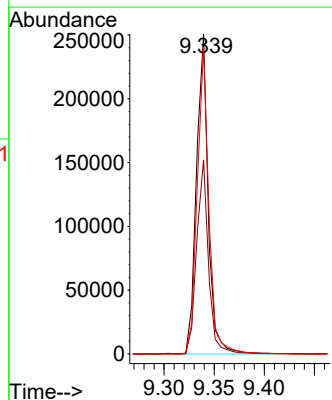
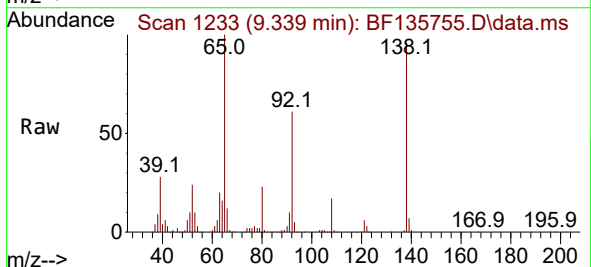
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

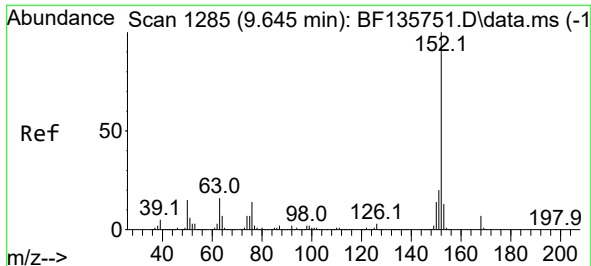
Tgt Ion:162 Resp: 499468
Ion Ratio Lower Upper
162 100
127 42.8 34.7 52.1
164 33.4 25.6 38.4



#48
2-Nitroaniline
Concen: 43.557 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion: 65 Resp: 204883
Ion Ratio Lower Upper
65 100
92 60.7 49.4 74.0
138 95.8 76.6 114.8

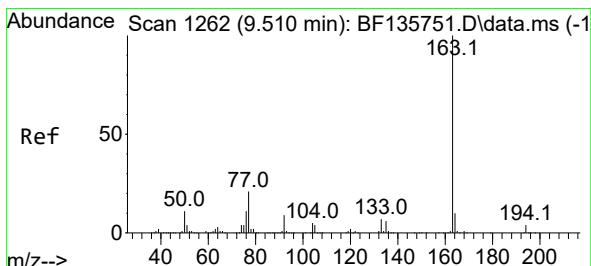
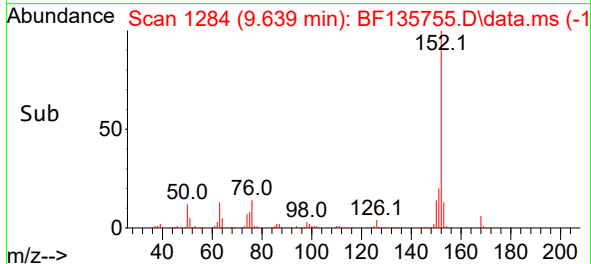
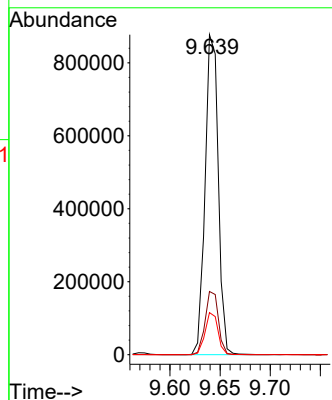
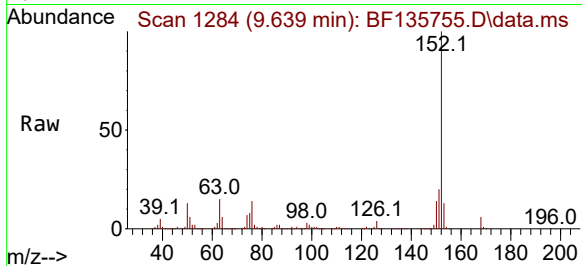




#49
Acenaphthylene
Concen: 40.895 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

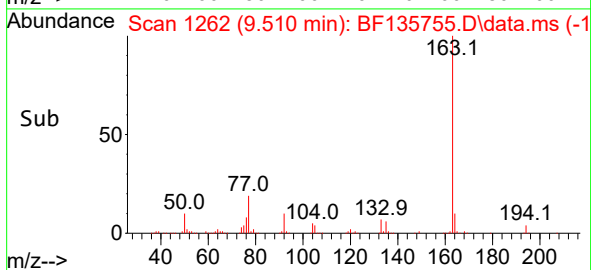
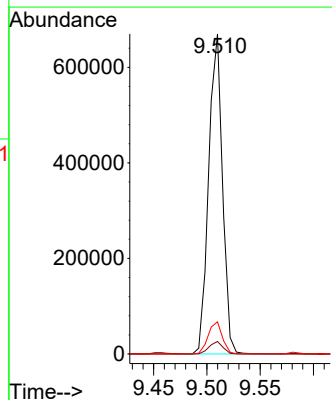
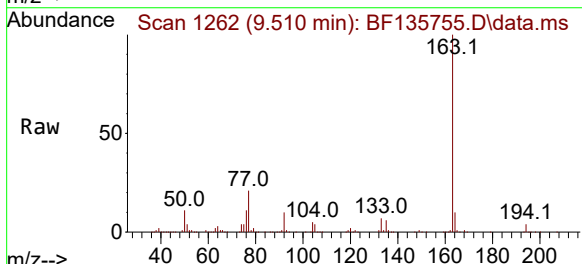
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

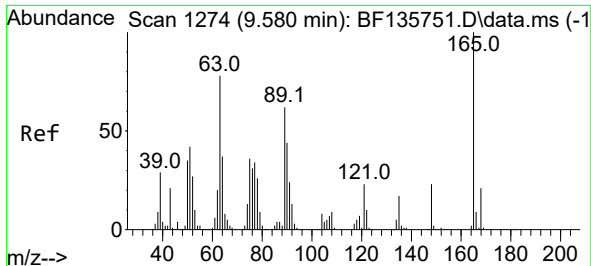
Tgt Ion:152 Resp: 806480
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.1 10.2 15.4



#50
Dimethylphthalate
Concen: 41.528 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:163 Resp: 605141
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 7.9 11.9

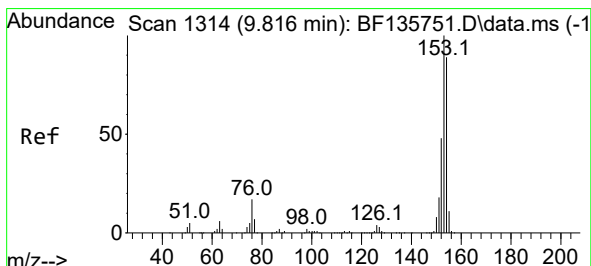
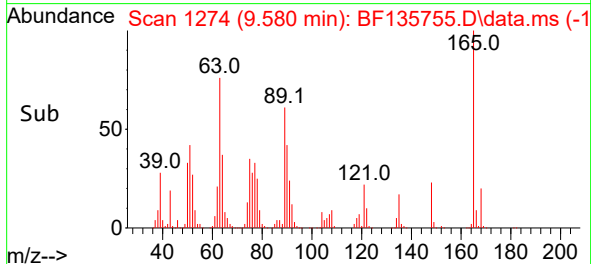
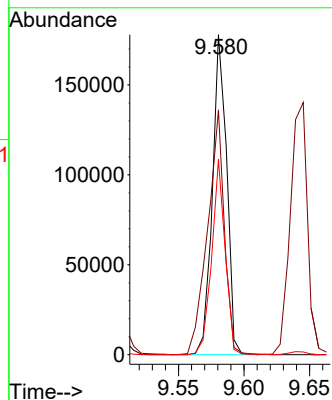
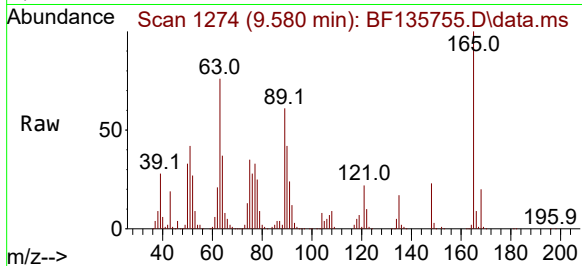




#51
2,6-Dinitrotoluene
Concen: 42.949 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

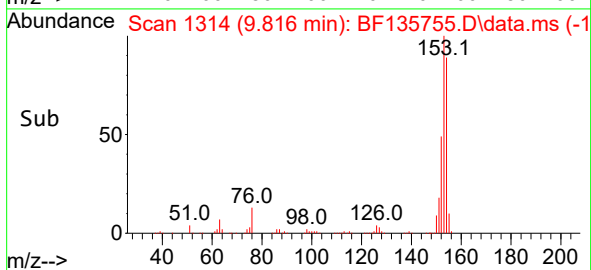
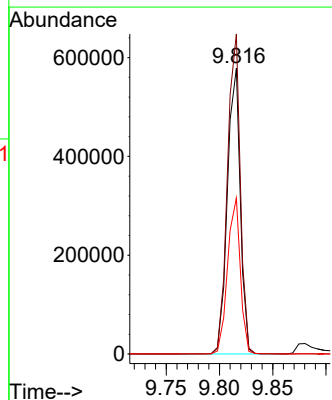
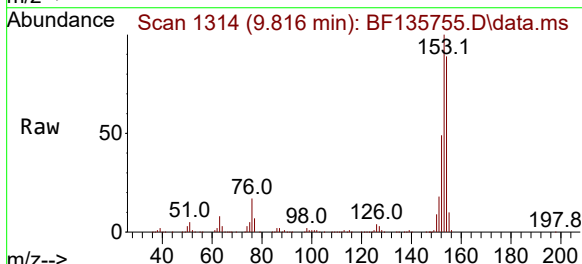
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

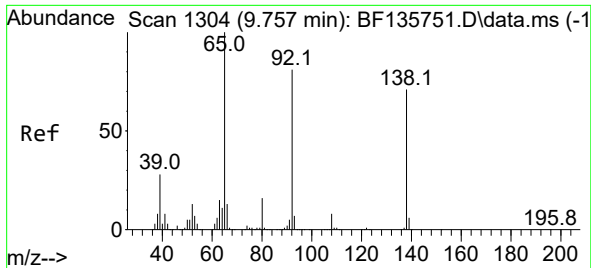
Tgt Ion:165 Resp: 134584
Ion Ratio Lower Upper
165 100
63 76.5 62.2 93.4
89 61.0 49.6 74.4



#52
Acenaphthene
Concen: 41.241 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:154 Resp: 487485
Ion Ratio Lower Upper
154 100
153 112.0 90.1 135.1
152 54.6 43.1 64.7

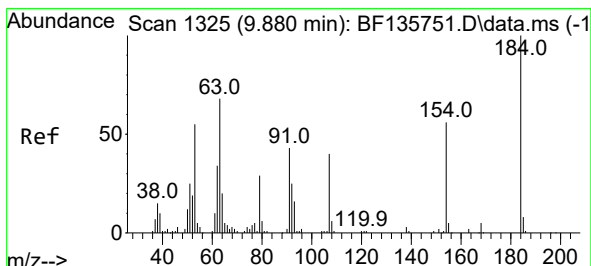
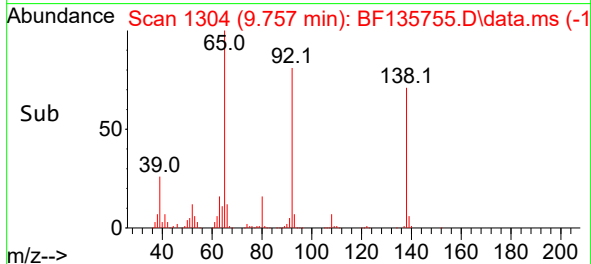
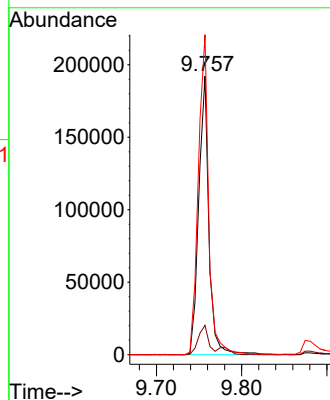
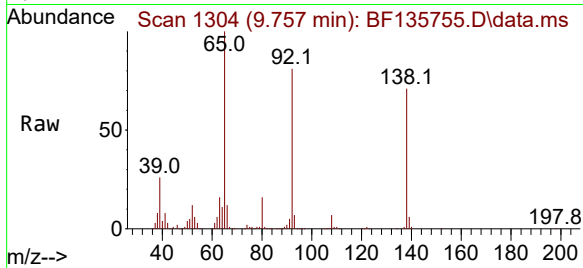




#53
3-Nitroaniline
Concen: 41.472 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

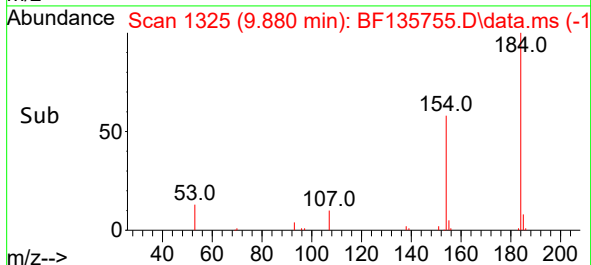
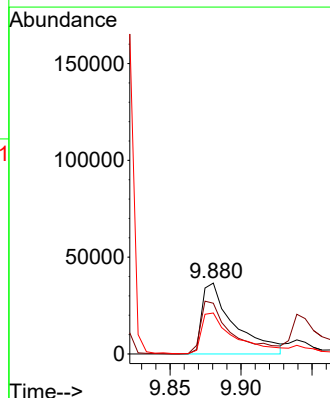
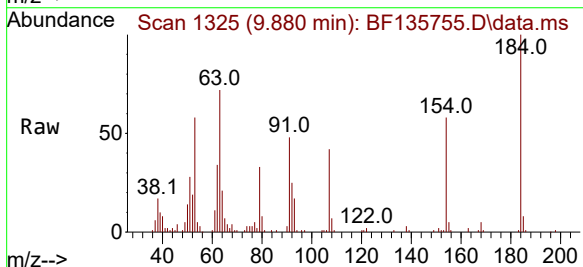
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

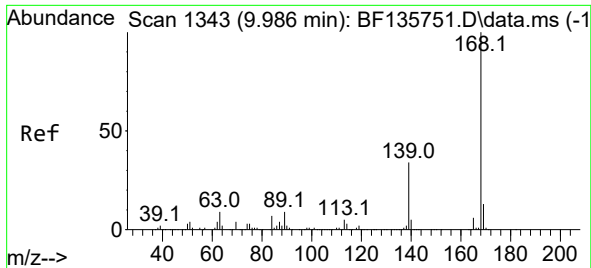
Tgt Ion:138 Resp: 159308
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 114.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 44.199 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:184 Resp: 57815
Ion Ratio Lower Upper
184 100
63 71.7 54.6 81.8
154 57.9 45.0 67.4

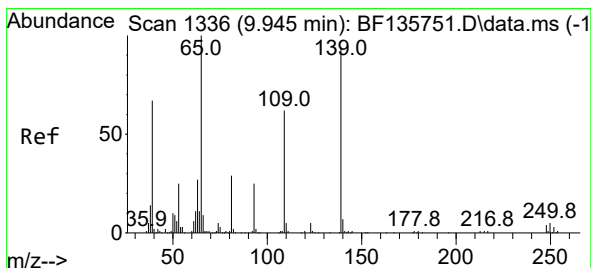
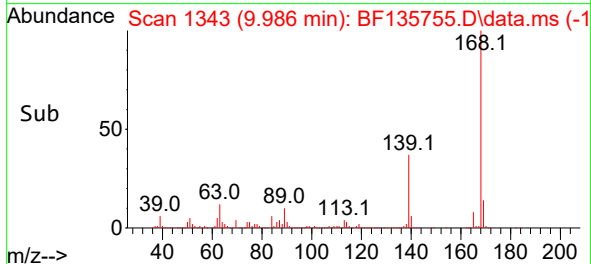
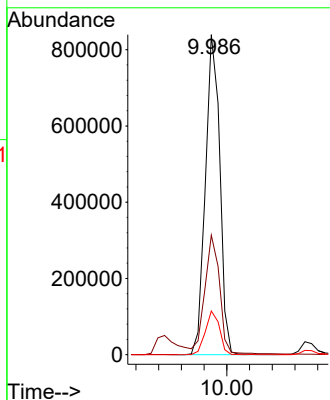
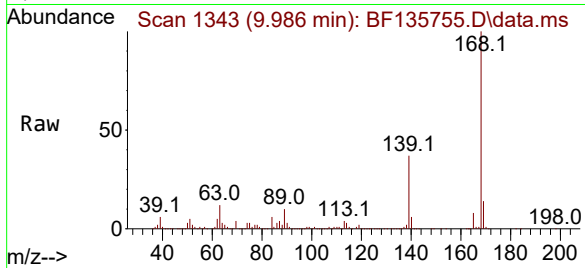




#55
Dibenzenofuran
Concen: 41.382 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

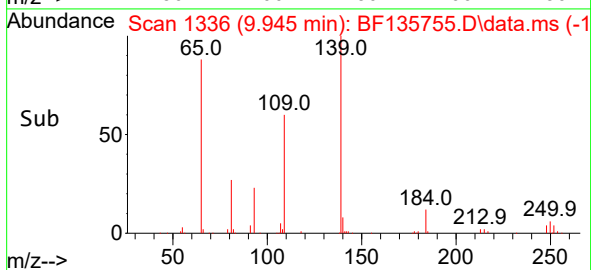
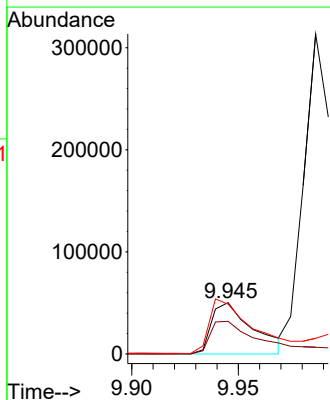
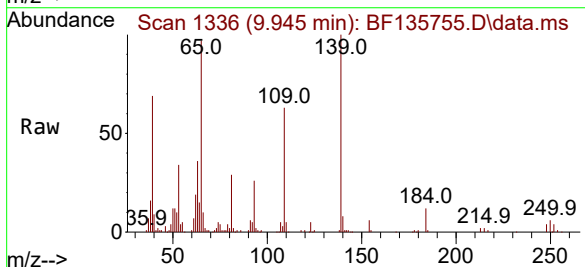
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

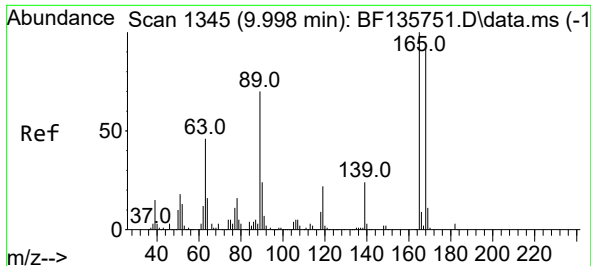
Tgt Ion:168 Resp: 738052
Ion Ratio Lower Upper
168 100
139 37.3 31.0 46.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 41.092 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:139 Resp: 67275
Ion Ratio Lower Upper
139 100
109 63.4 45.6 85.6
65 97.0 87.5 127.5

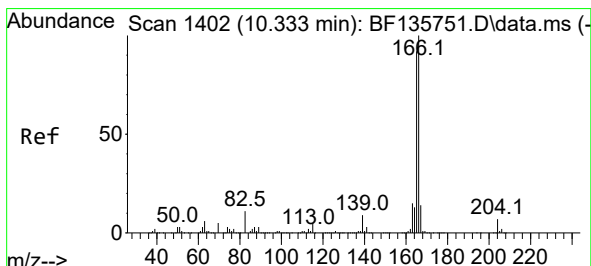
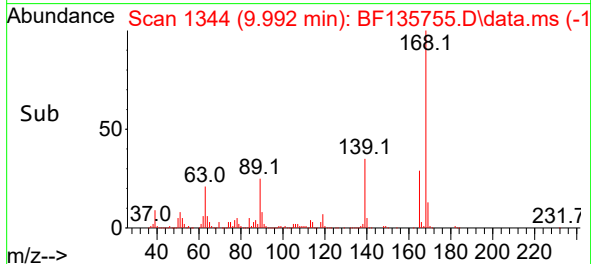
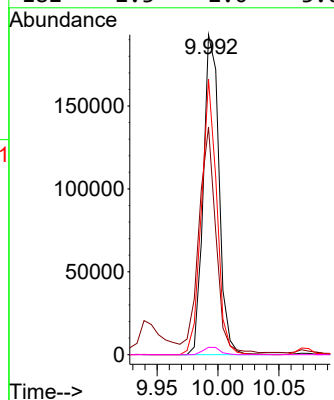
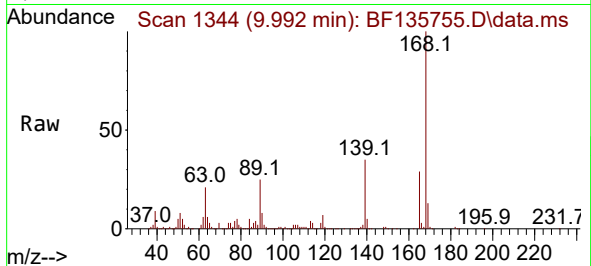




#57
2,4-Dinitrotoluene
Concen: 43.288 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

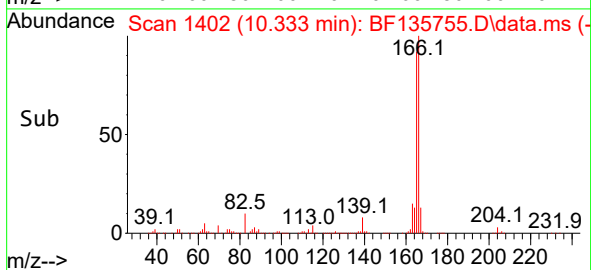
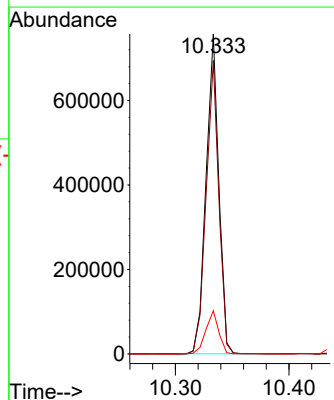
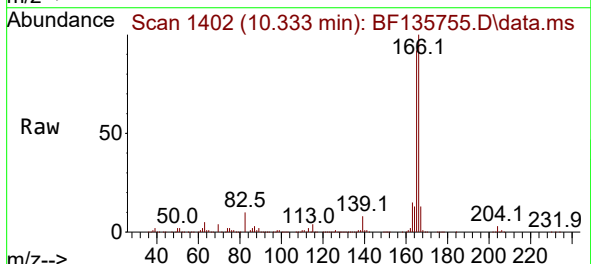
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

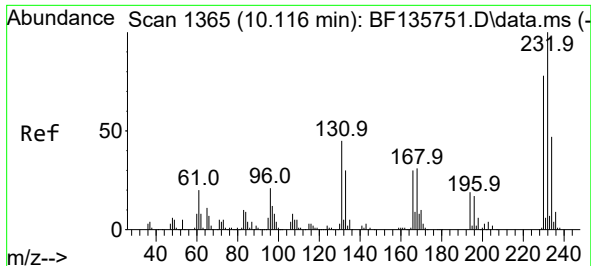
Tgt Ion:165 Resp: 172570
Ion Ratio Lower Upper
165 100
63 71.2 39.0 58.4#
89 86.1 55.9 83.9#
182 2.3 2.0 3.0



#58
Fluorene
Concen: 42.227 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:166 Resp: 589601
Ion Ratio Lower Upper
166 100
165 91.7 73.4 110.0
167 13.5 11.0 16.6

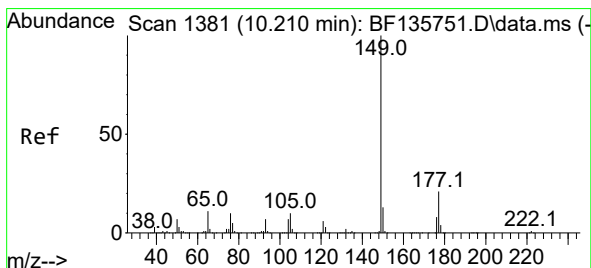
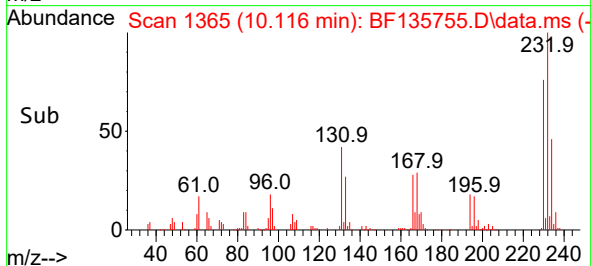
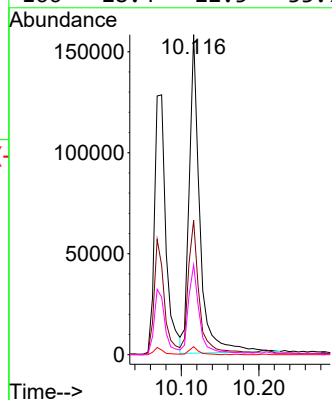
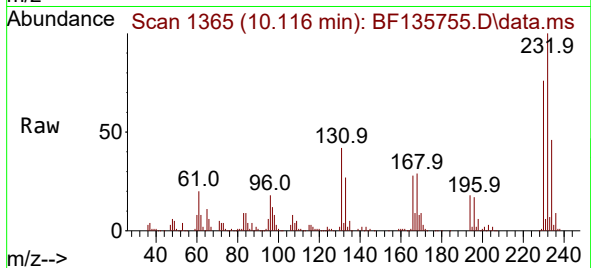




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.640 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

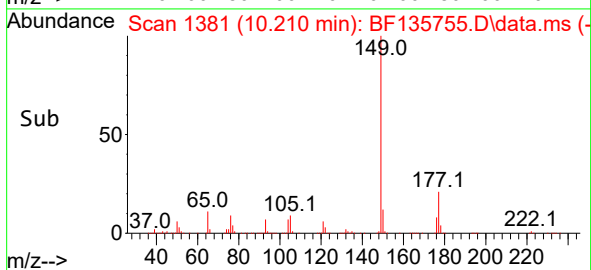
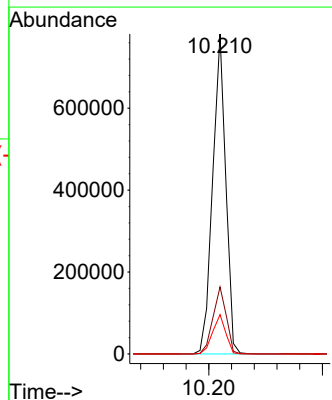
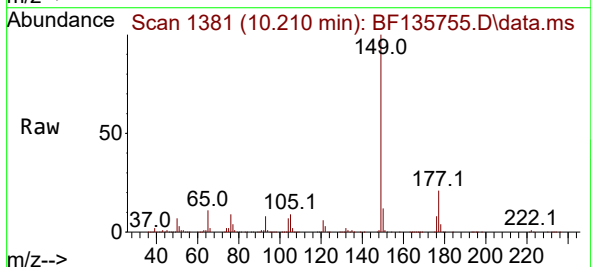
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

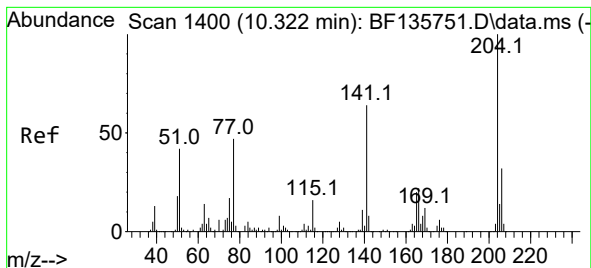
Tgt Ion:232 Resp: 149968
Ion Ratio Lower Upper
232 100
131 42.3 35.8 53.6
130 2.3 1.9 2.9
166 28.4 22.5 33.7



#60
Diethylphthalate
Concen: 41.899 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:149 Resp: 623300
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.3 10.2 15.2

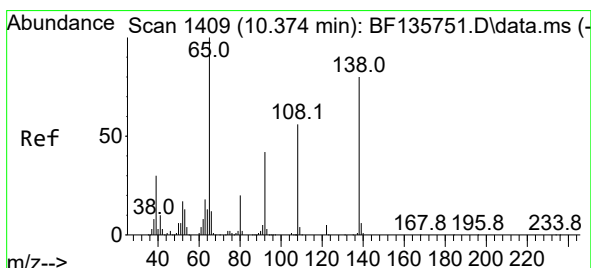
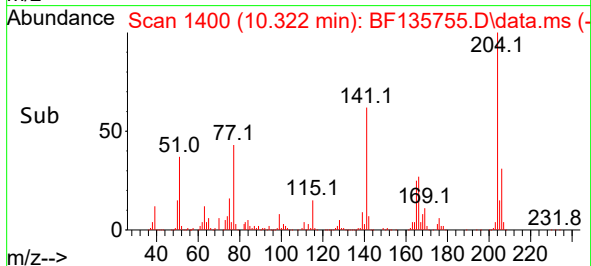
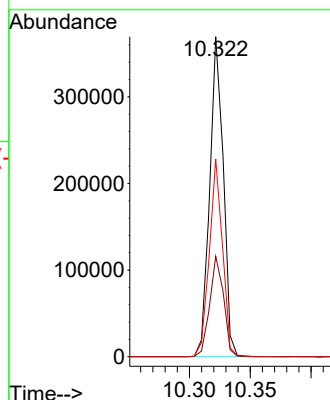
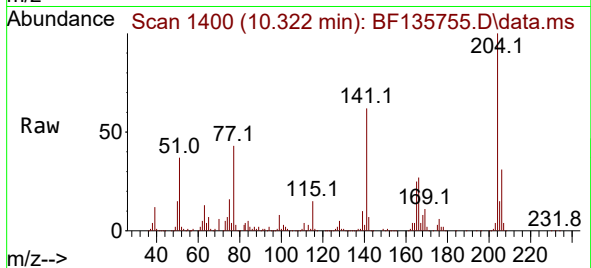




#61
4-Chlorophenyl-phenylether
Concen: 42.405 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

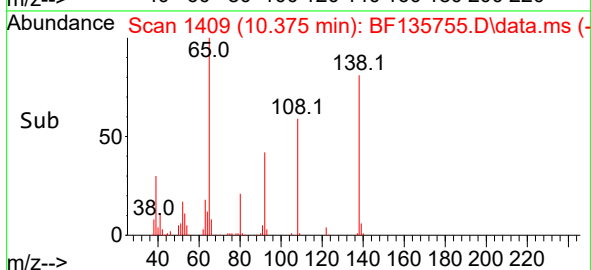
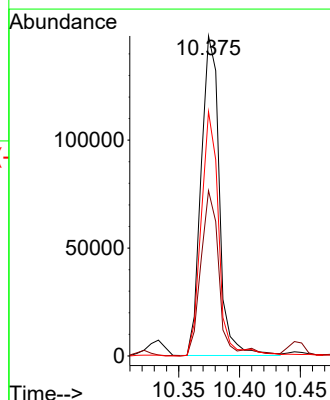
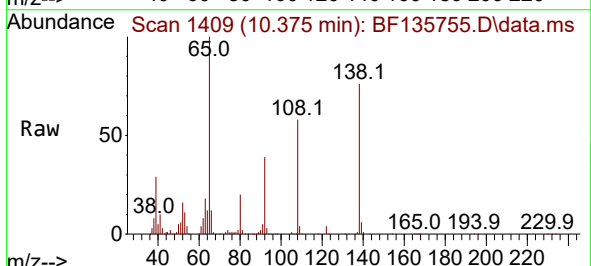
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

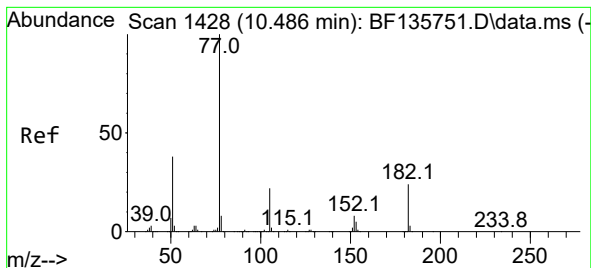
Tgt Ion:204 Resp: 286161
Ion Ratio Lower Upper
204 100
206 31.4 25.8 38.6
141 61.7 51.4 77.0



#62
4-Nitroaniline
Concen: 43.676 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:138 Resp: 154366
Ion Ratio Lower Upper
138 100
92 51.7 31.9 71.9
108 76.4 49.7 89.7





#63

Azobenzene

Concen: 42.226 ng

RT: 10.486 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

Tgt Ion: 77 Resp: 610294

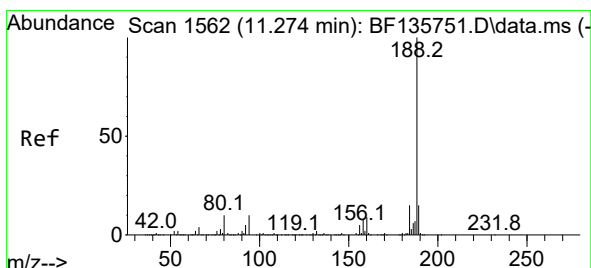
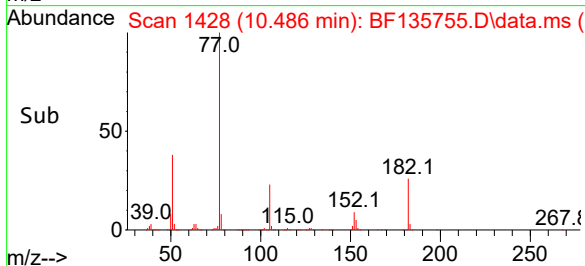
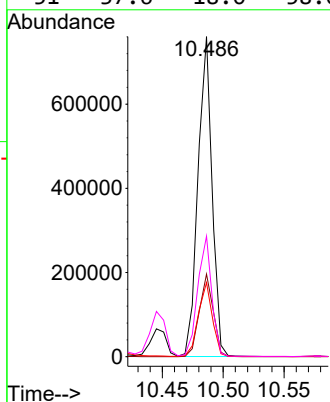
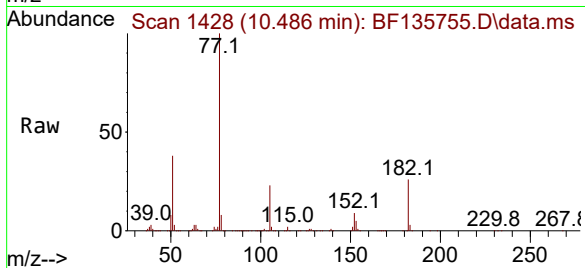
Ion Ratio Lower Upper

77 100

182 25.8 3.5 43.5

105 23.1 2.2 42.2

51 37.6 18.0 58.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

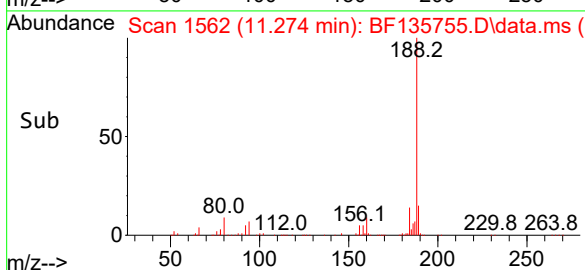
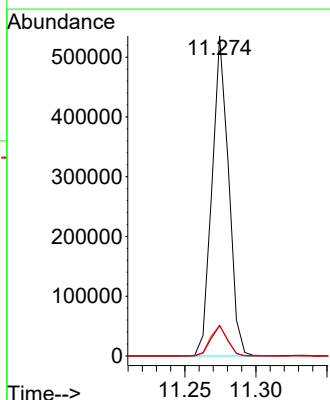
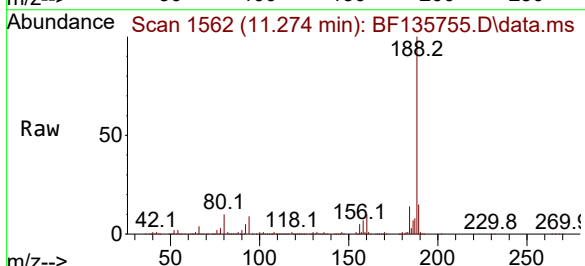
Tgt Ion: 188 Resp: 435309

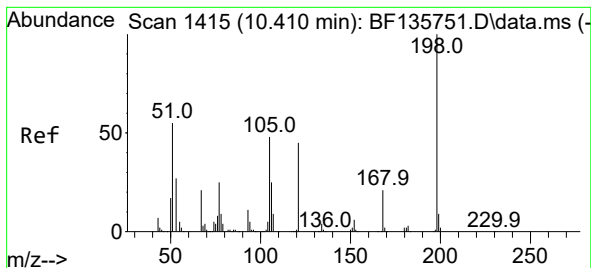
Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

80 9.6 8.3 12.5

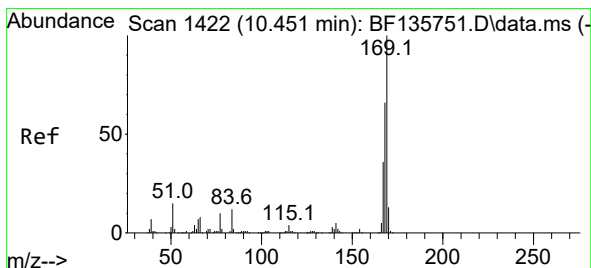
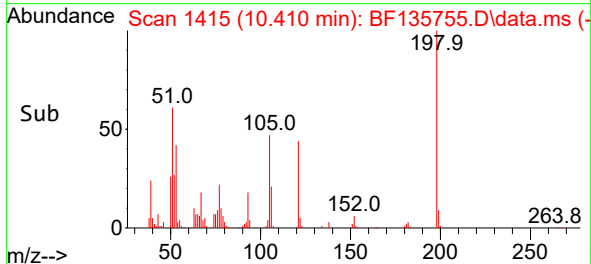
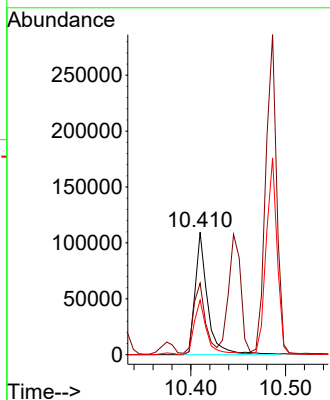
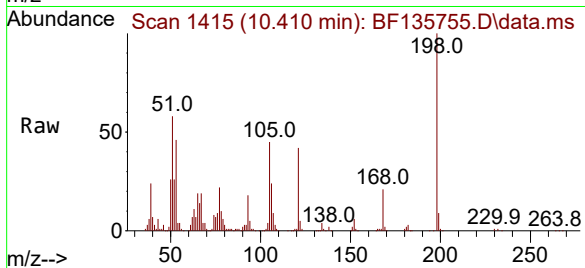




#65
4,6-Dinitro-2-methylphenol
Concen: 45.599 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

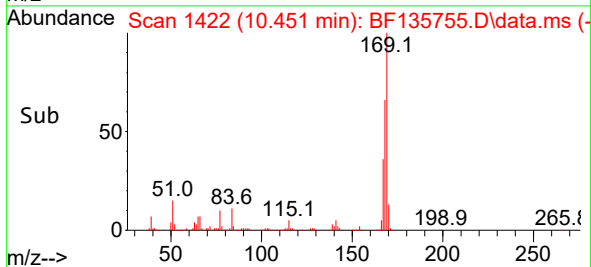
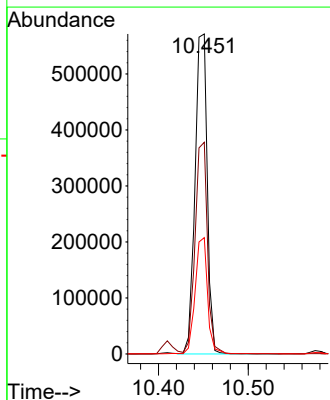
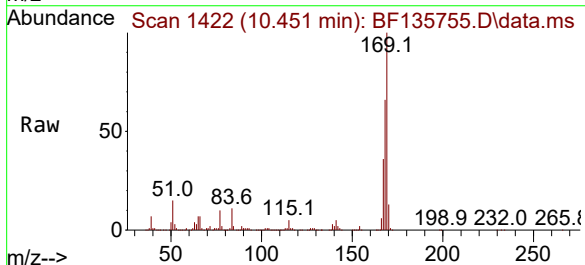
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

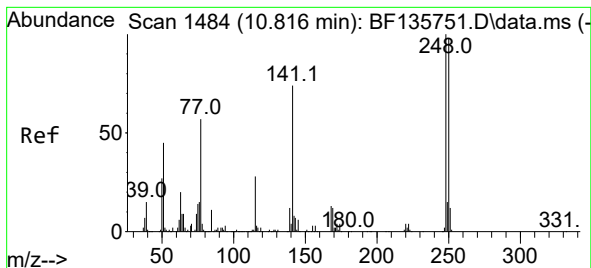
Tgt Ion:198 Resp: 99895
Ion Ratio Lower Upper
198 100
51 58.5 47.6 87.6
105 44.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.743 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:169 Resp: 540587
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 36.4 29.2 43.8

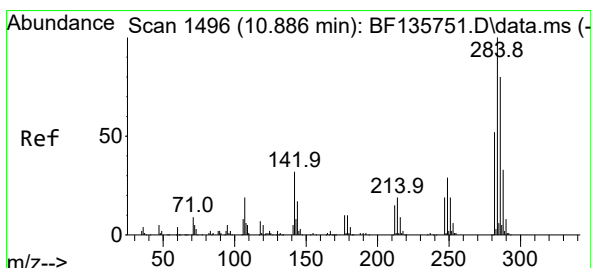
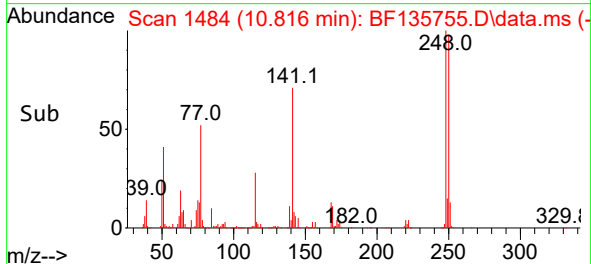
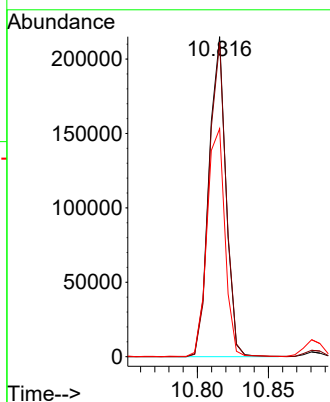
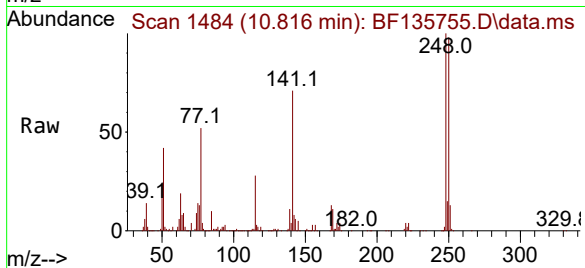




#67
4-Bromophenyl-phenylether
Concen: 40.724 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

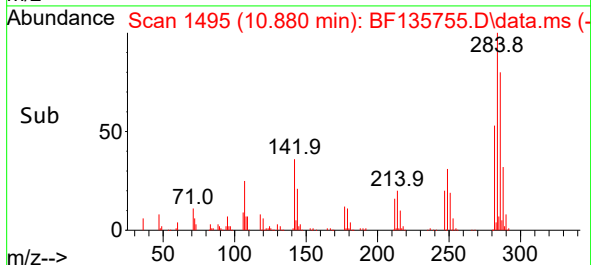
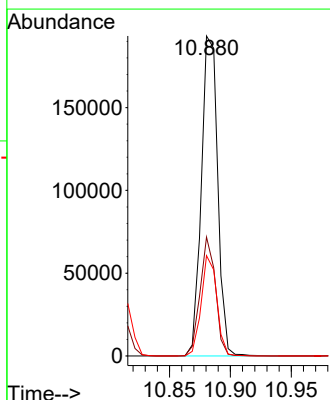
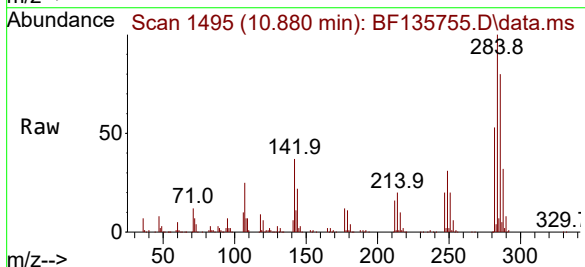
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

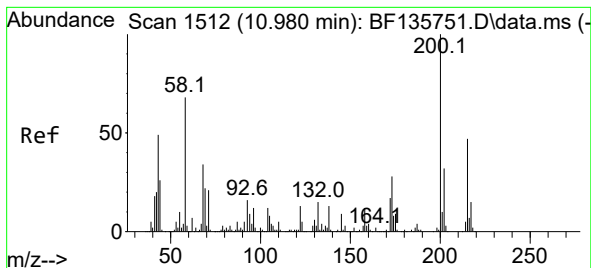
Tgt Ion:248 Resp: 177952
Ion Ratio Lower Upper
248 100
250 98.3 78.0 117.0
141 71.3 59.0 88.6



#68
Hexachlorobenzene
Concen: 40.652 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:284 Resp: 180858
Ion Ratio Lower Upper
284 100
142 37.2 25.3 37.9
249 31.4 23.5 35.3





#69

Atrazine

Concen: 41.212 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

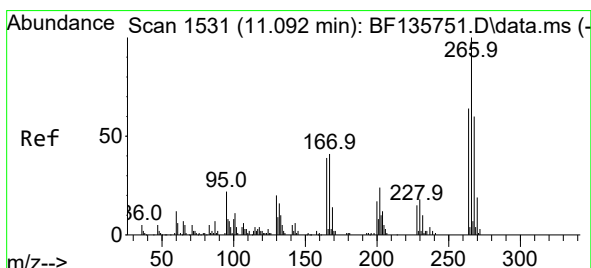
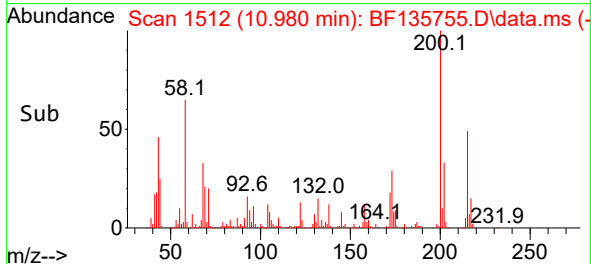
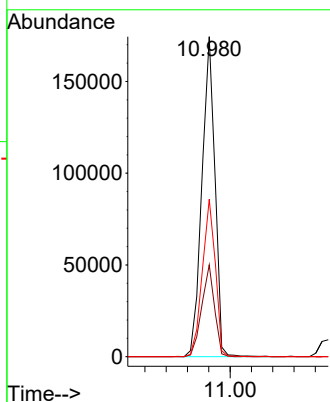
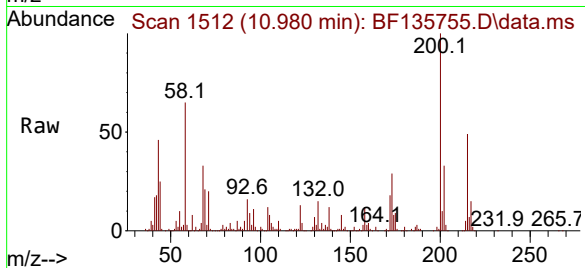
Tgt Ion:200 Resp: 148732

Ion Ratio Lower Upper

200 100

173 28.7 7.6 47.6

215 49.2 27.1 67.1



#70

Pentachlorophenol

Concen: 41.504 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

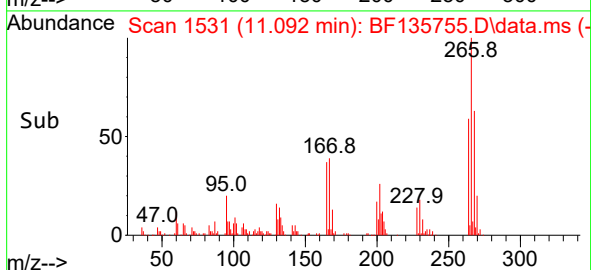
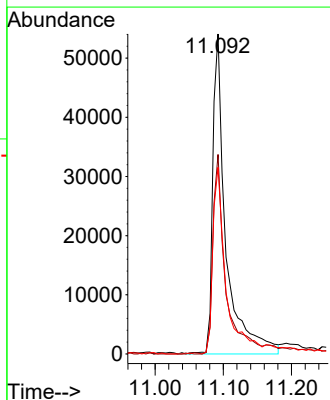
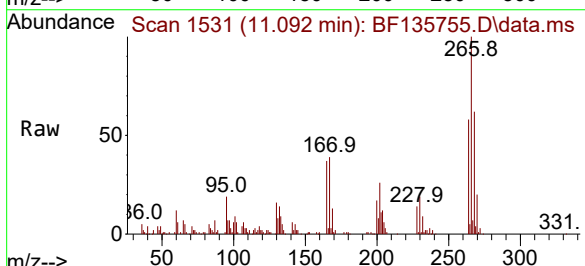
Tgt Ion:266 Resp: 72825

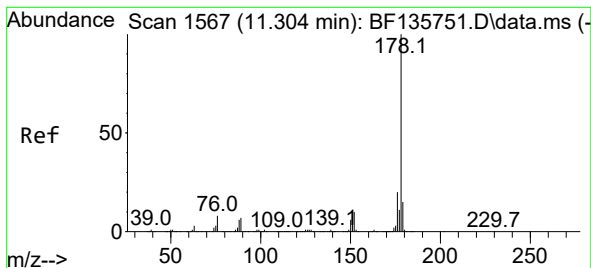
Ion Ratio Lower Upper

266 100

268 62.4 47.7 71.5

264 58.3 51.4 77.2





#71

Phenanthrene

Concen: 40.971 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

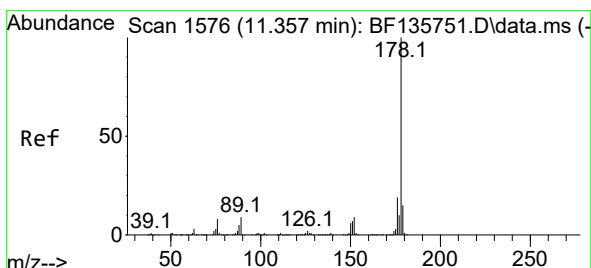
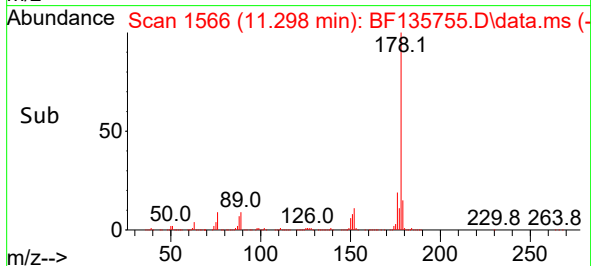
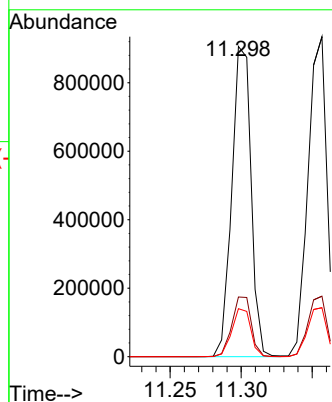
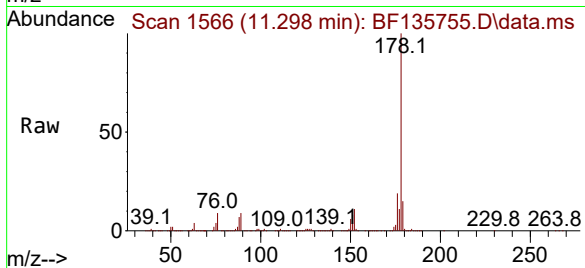
Tgt Ion:178 Resp: 854380

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

179 15.5 12.2 18.4



#72

Anthracene

Concen: 40.548 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

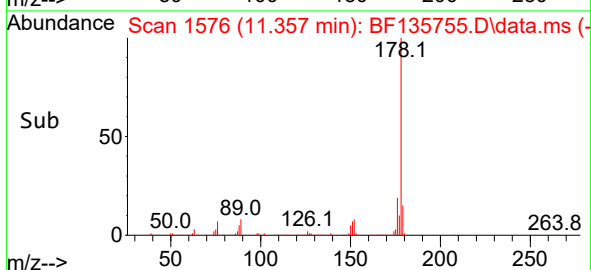
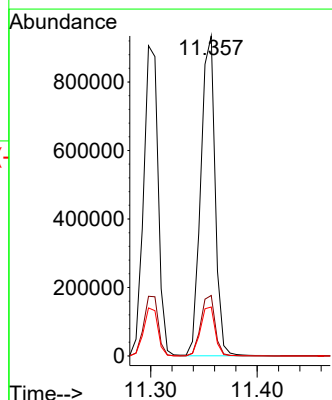
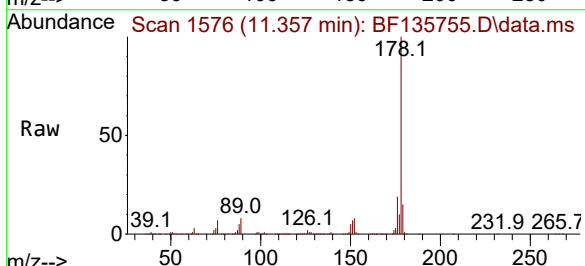
Tgt Ion:178 Resp: 876199

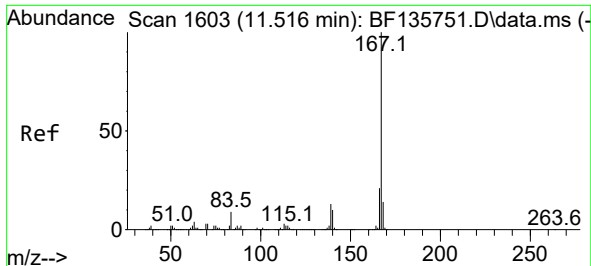
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.3 12.3 18.5

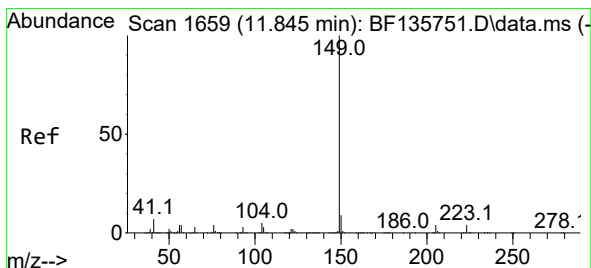
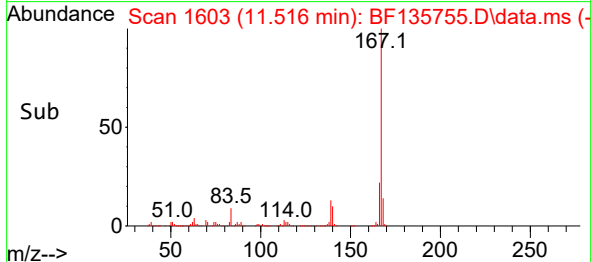
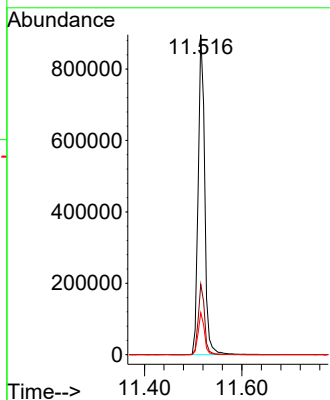
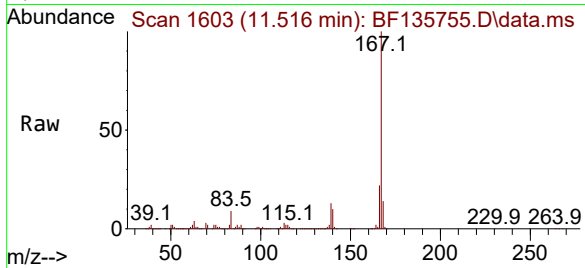




#73
 Carbazole
 Concen: 41.845 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF135755.D
 Acq: 13 Oct 2023 16:28

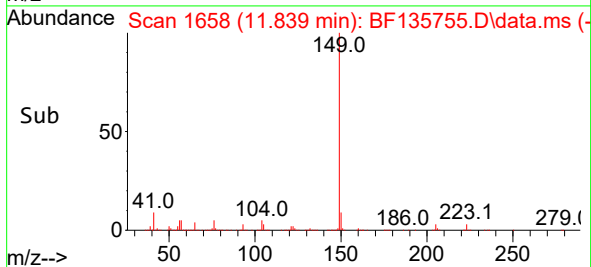
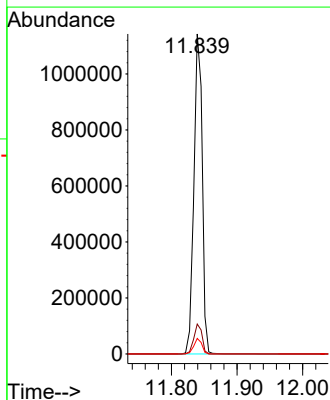
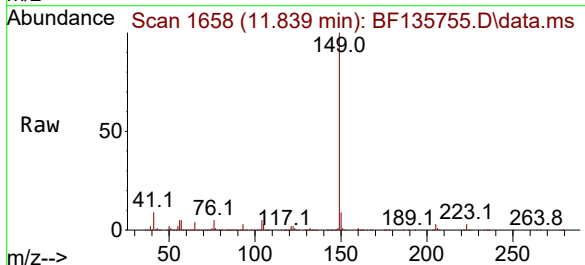
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101323

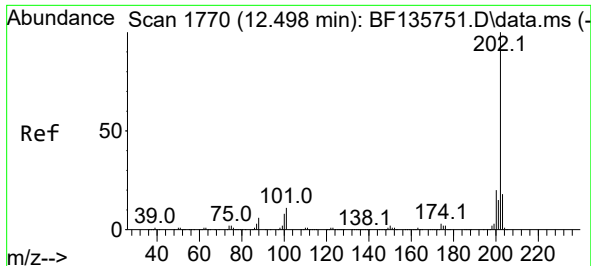
Tgt Ion:167 Resp: 843314
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 13.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.812 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135755.D
 Acq: 13 Oct 2023 16:28

Tgt Ion:149 Resp: 1009850
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.7 5.5

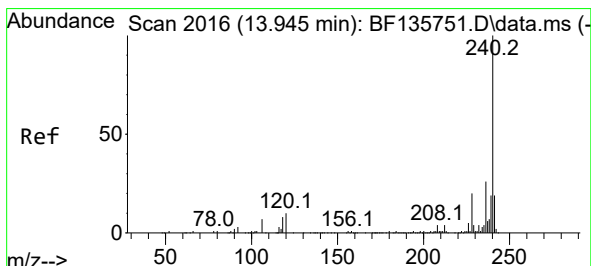
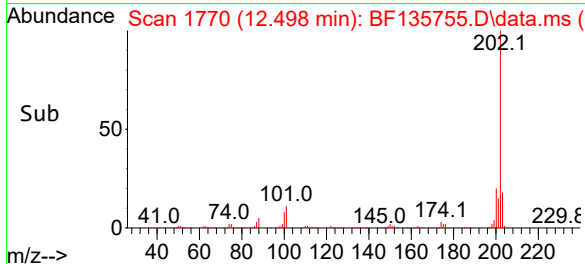
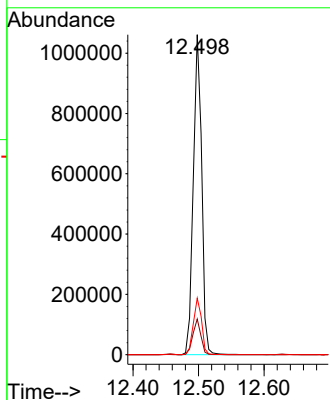
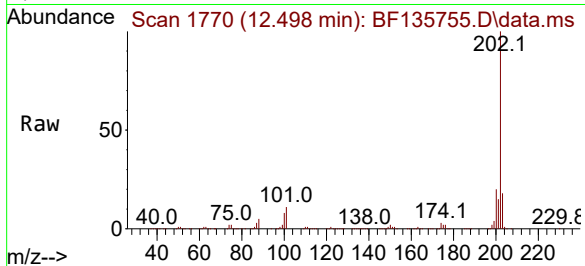




#75
Fluoranthene
Concen: 40.768 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

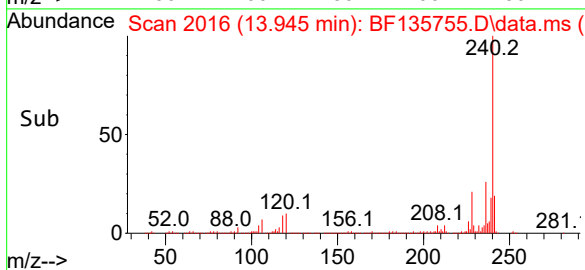
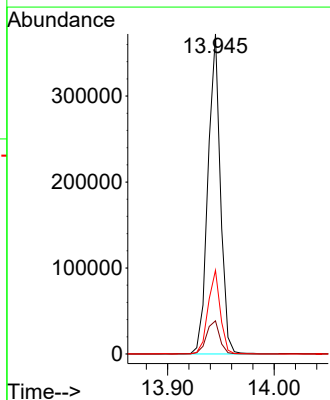
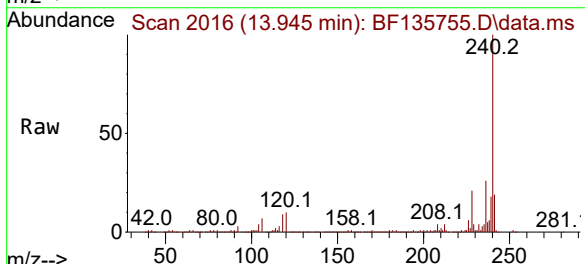
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

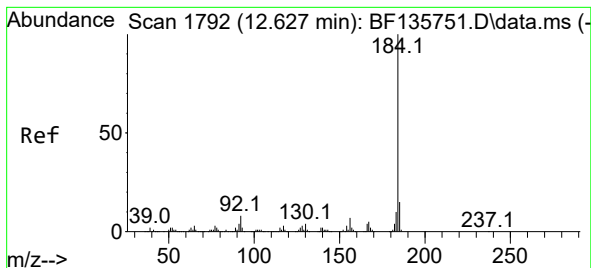
Tgt Ion:202 Resp: 943555
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 17.7 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:240 Resp: 302500
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 26.1 21.2 31.8





#77

Benzidine

Concen: 41.206 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

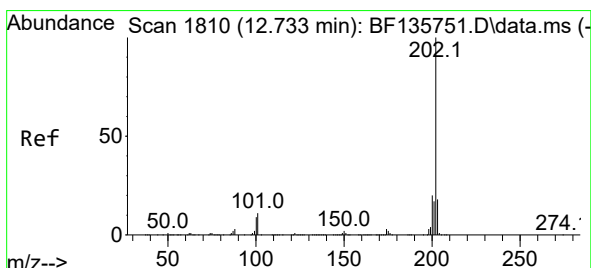
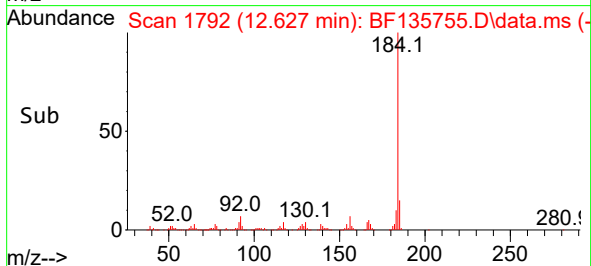
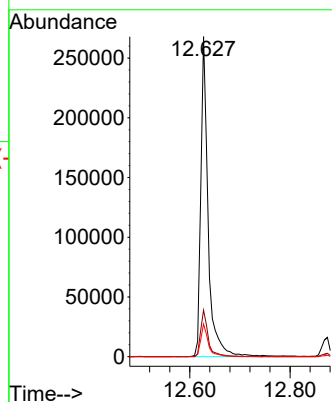
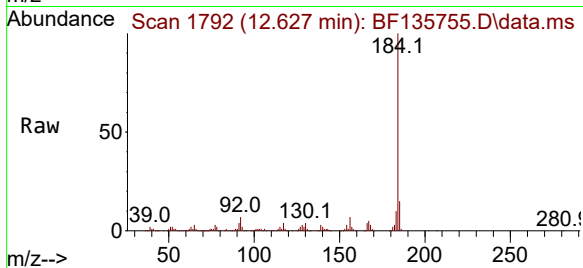
Tgt Ion:184 Resp: 271995

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 10.2 8.2 12.2



#78

Pyrene

Concen: 39.630 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

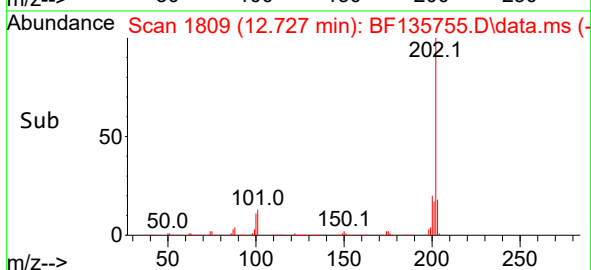
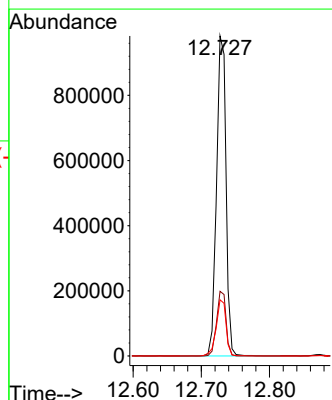
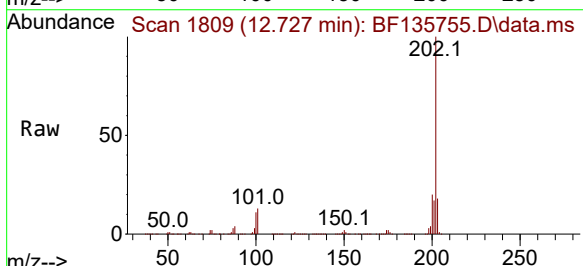
Tgt Ion:202 Resp: 952630

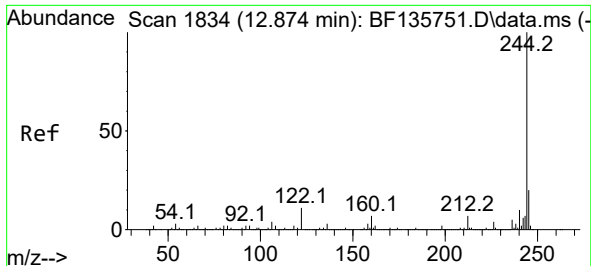
Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

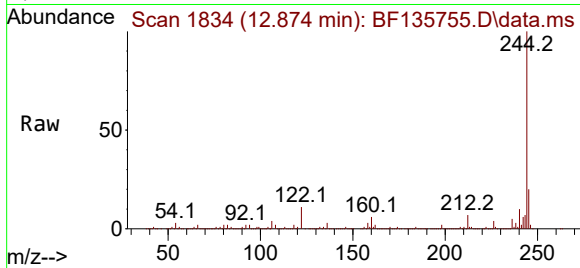
203 17.6 14.2 21.2



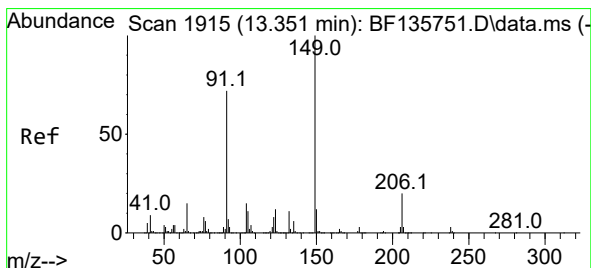
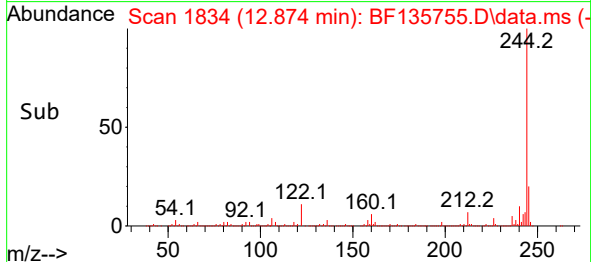
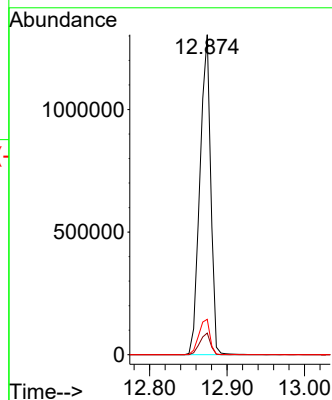


#79
 Terphenyl-d14
 Concen: 77.019 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: BF135755.D
 Acq: 13 Oct 2023 16:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101323

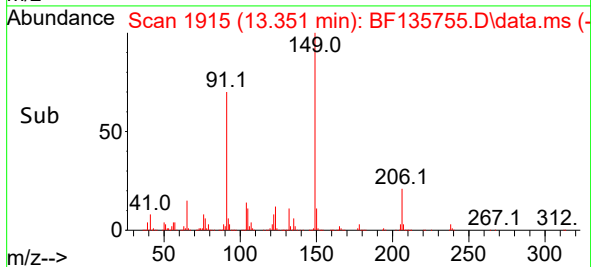
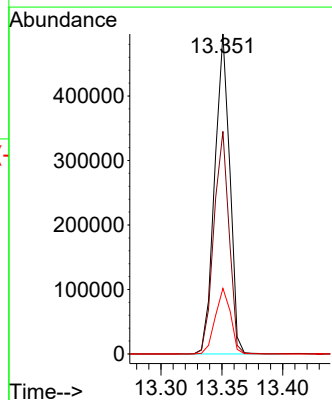
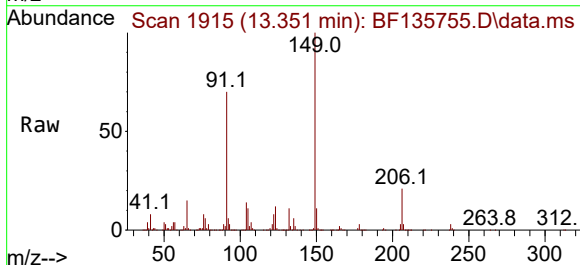


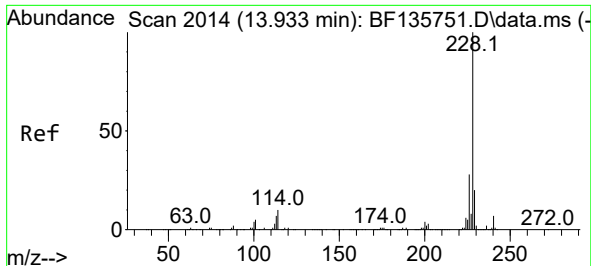
Tgt Ion:244 Resp: 1258057
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.0 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 40.353 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: BF135755.D
 Acq: 13 Oct 2023 16:28

Tgt Ion:149 Resp: 426260
 Ion Ratio Lower Upper
 149 100
 91 69.5 57.4 86.0
 206 20.5 16.2 24.4

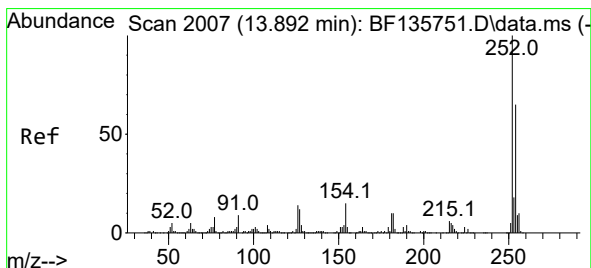
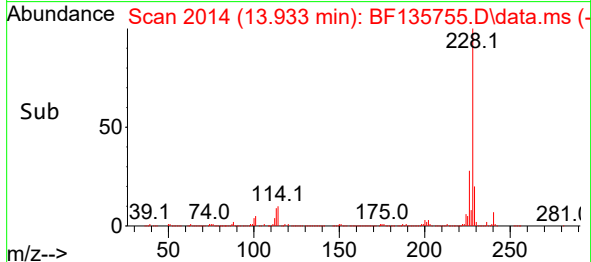
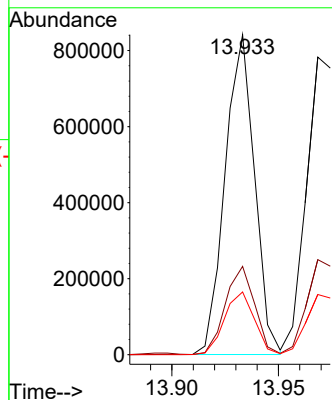
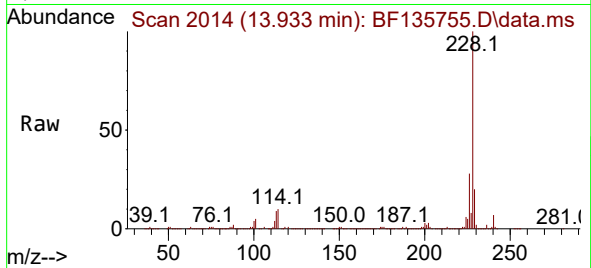




#81
Benzo(a)anthracene
Concen: 40.716 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

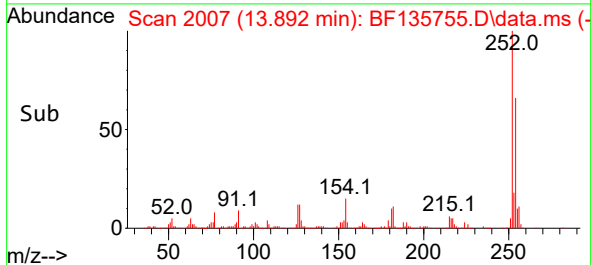
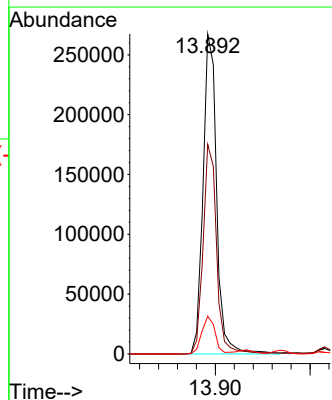
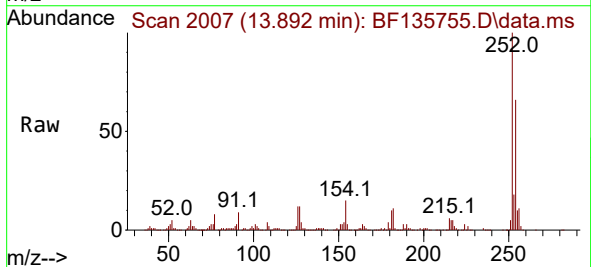
Instrument :
BNA_F
ClientSampleId :
ICVBF101323

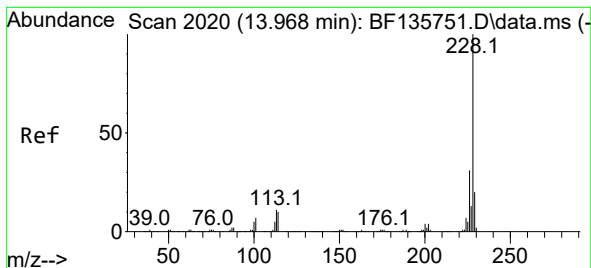
Tgt Ion:228 Resp: 809002
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 40.397 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF135755.D
Acq: 13 Oct 2023 16:28

Tgt Ion:252 Resp: 266202
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.6
126 11.8 11.0 16.4





#83

Chrysene

Concen: 40.853 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

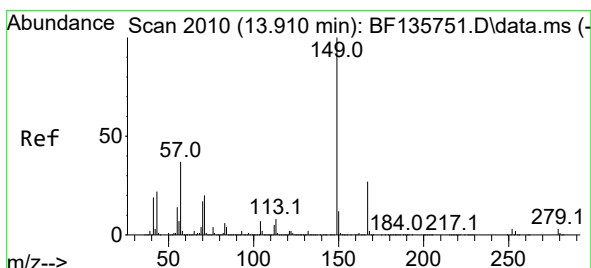
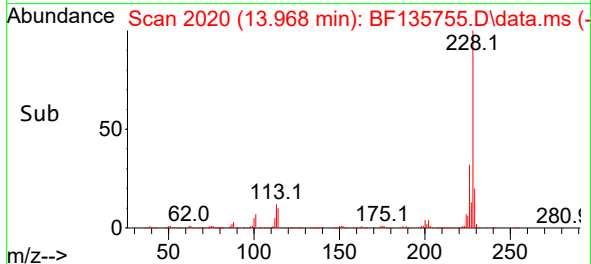
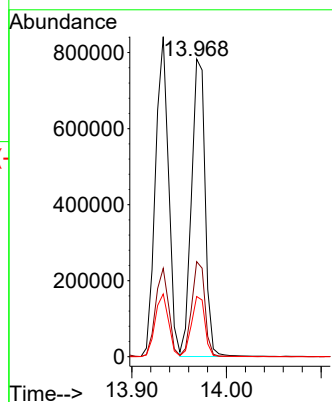
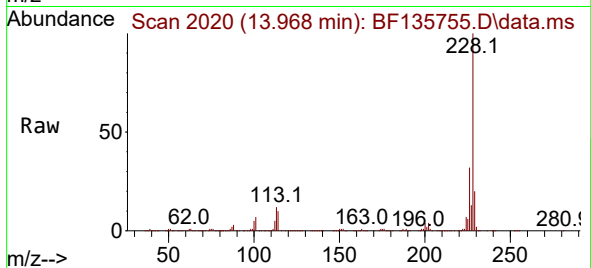
Tgt Ion:228 Resp: 786224

Ion Ratio Lower Upper

228 100

226 31.9 24.4 36.6

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.083 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

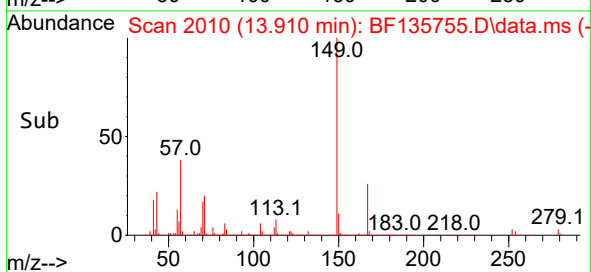
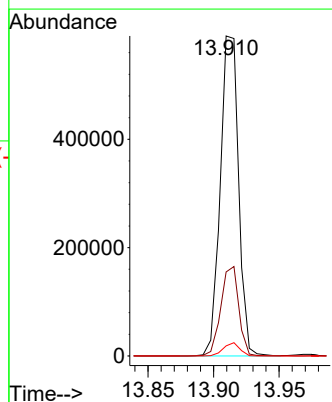
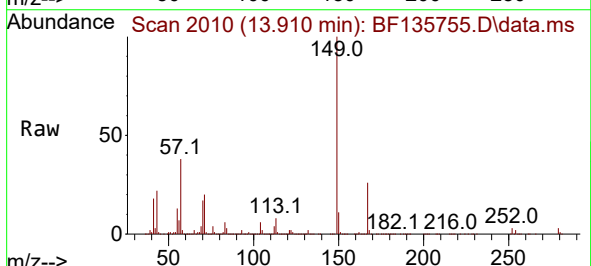
Tgt Ion:149 Resp: 573851

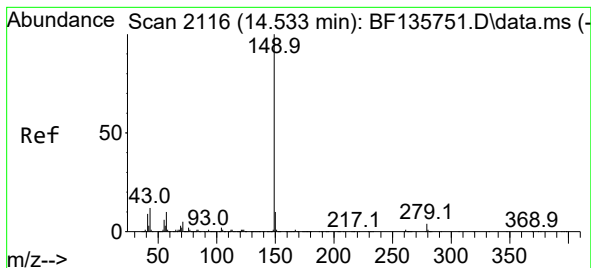
Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

279 3.2 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 40.036 ng

RT: 14.533 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

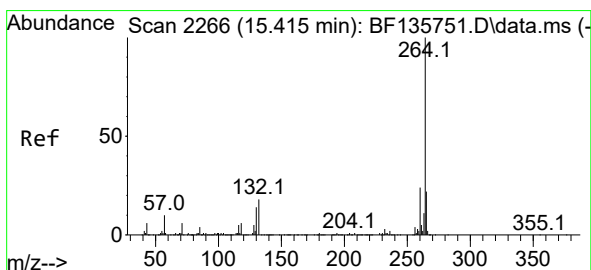
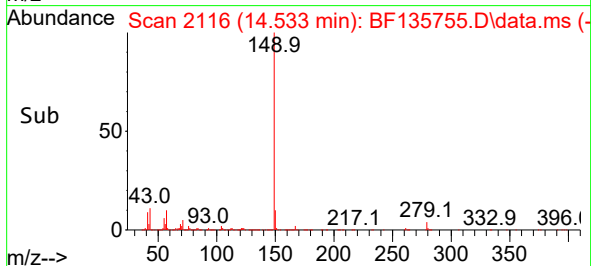
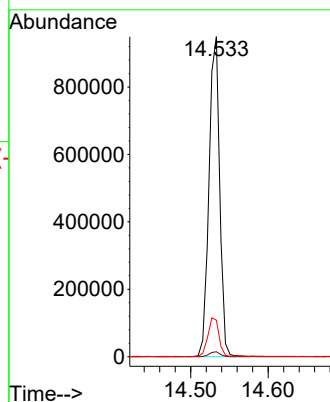
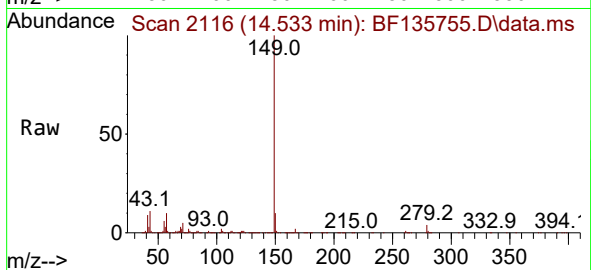
Tgt Ion:149 Resp: 908904

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.5 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

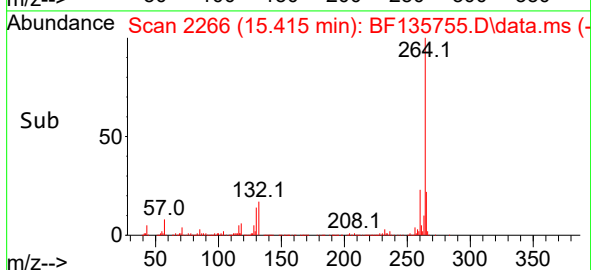
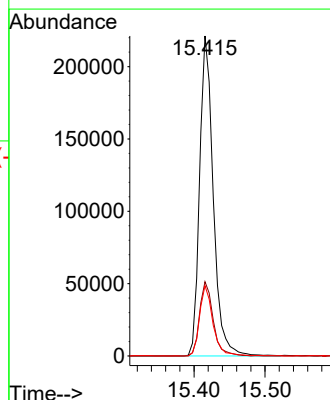
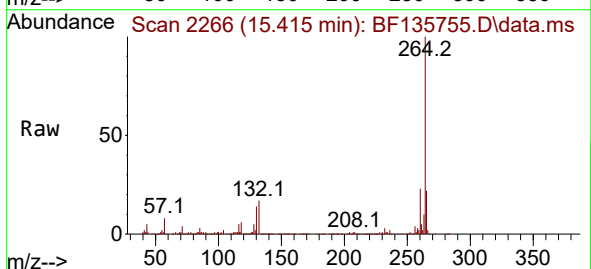
Tgt Ion:264 Resp: 296784

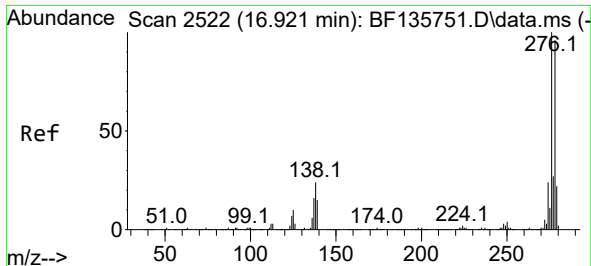
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 17.4 26.2

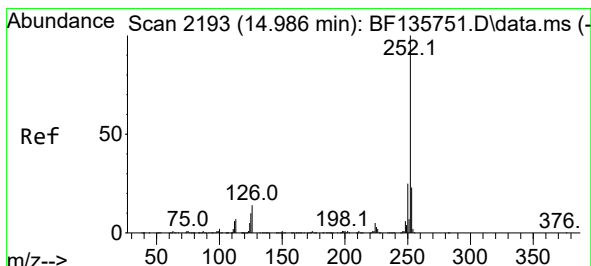
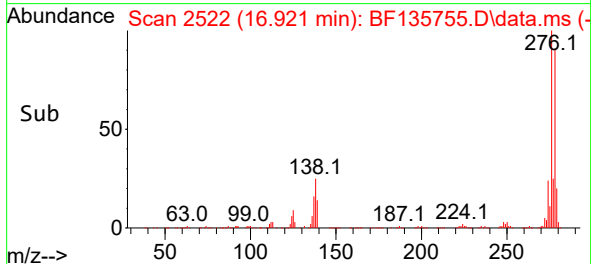
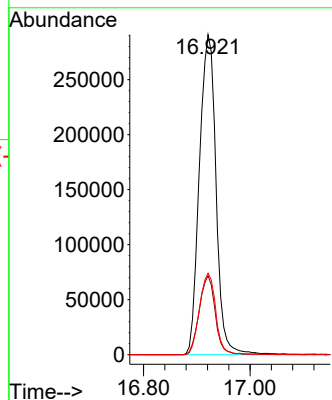
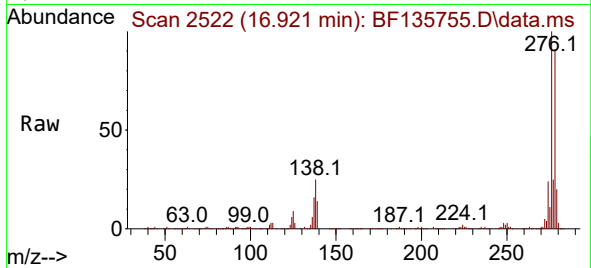




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.036 ng
 RT: 16.921 min Scan# 2194
 Delta R.T. 0.000 min
 Lab File: BF135755.D
 Acq: 13 Oct 2023 16:28

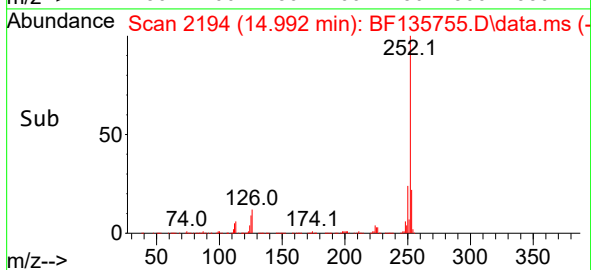
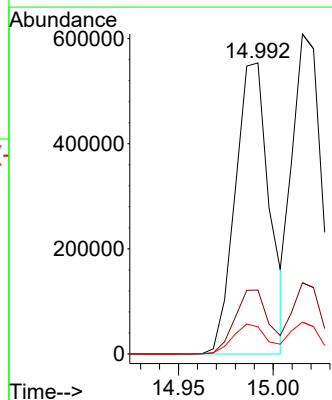
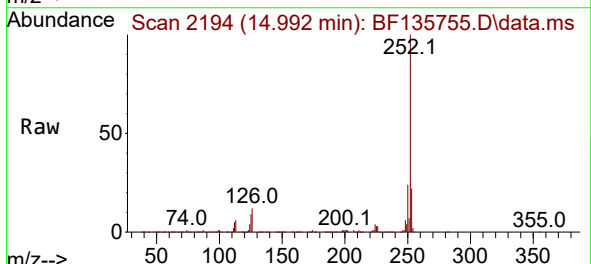
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101323

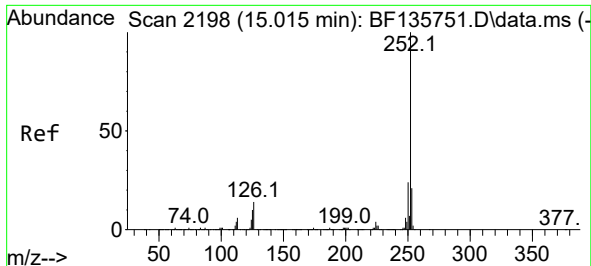
Tgt Ion:276 Resp: 631252
 Ion Ratio Lower Upper
 276 100
 138 23.6 19.8 29.6
 277 24.8 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 41.890 ng
 RT: 14.992 min Scan# 2194
 Delta R.T. 0.006 min
 Lab File: BF135755.D
 Acq: 13 Oct 2023 16:28

Tgt Ion:252 Resp: 695798
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.2 27.2
 125 9.3 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 41.442 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

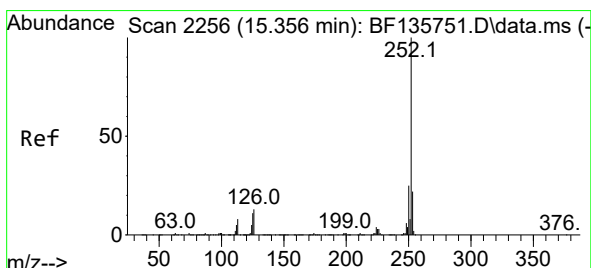
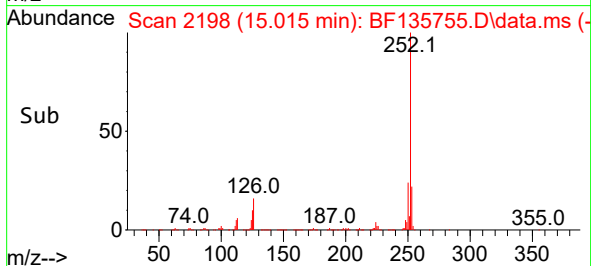
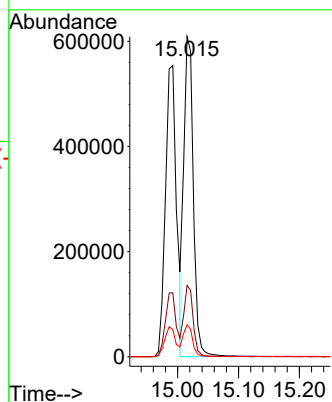
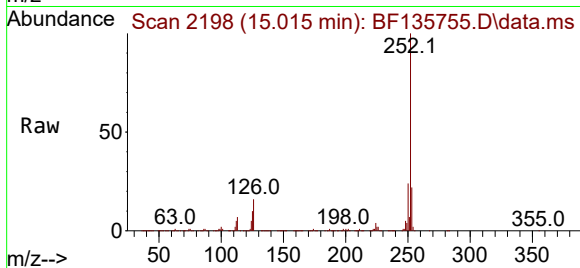
Tgt Ion:252 Resp: 668285

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.0 8.3 12.5



#90

Benzo(a)pyrene

Concen: 40.720 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

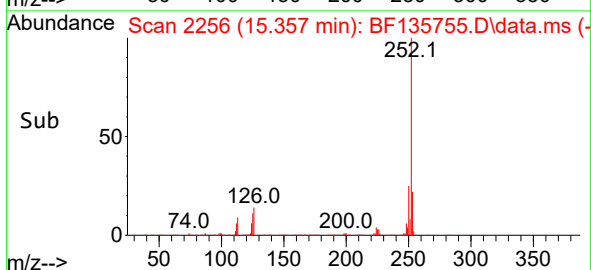
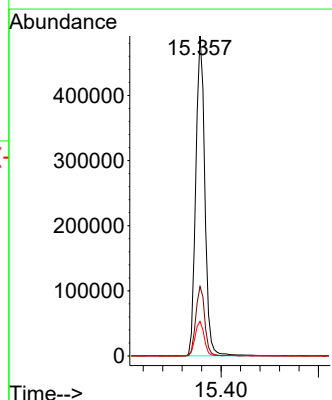
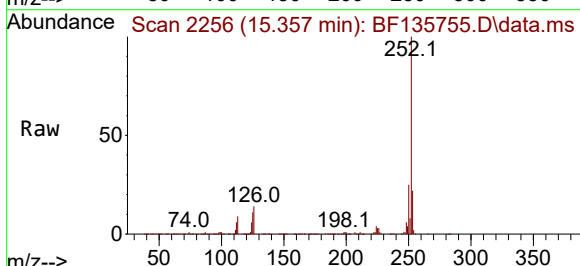
Tgt Ion:252 Resp: 636002

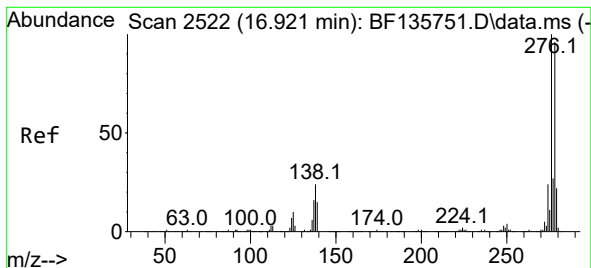
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 39.542 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_F

ClientSampleId :

ICVBF101323

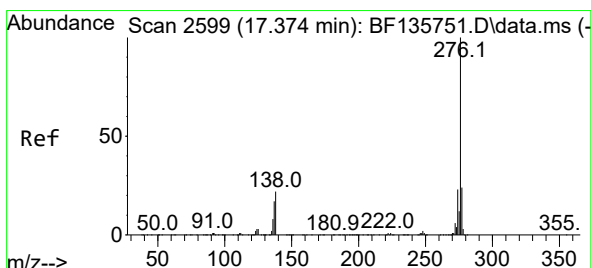
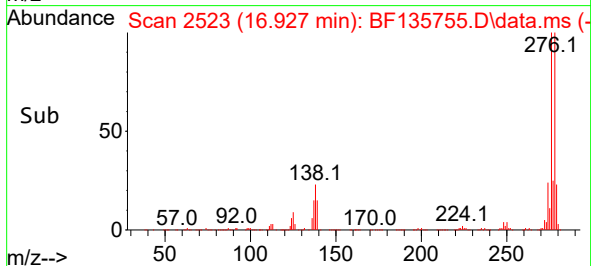
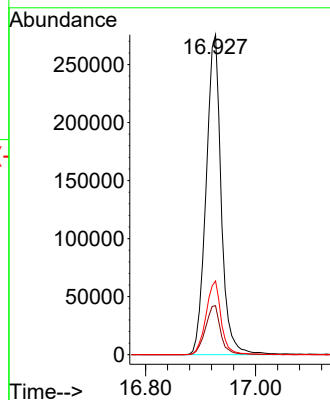
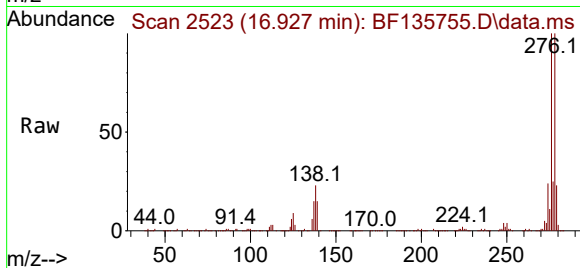
Tgt Ion:278 Resp: 524189

Ion Ratio Lower Upper

278 100

139 15.3 12.5 18.7

279 23.1 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 40.115 ng

RT: 17.374 min Scan# 2599

Delta R.T. 0.000 min

Lab File: BF135755.D

Acq: 13 Oct 2023 16:28

Tgt Ion:276 Resp: 546261

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.2

138 21.3 17.3 25.9

