

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135312.D
 Acq On : 18 Sep 2023 18:10
 Operator : CG\JU
 Sample : 04336-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 00:13:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	116066	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	445290	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	217523	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	378088	20.000	ng	0.00
76) Chrysene-d12	13.945	240	175572	20.000	ng	0.00
86) Perylene-d12	15.410	264	243776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	668078	93.619	ng	0.01
7) Phenol-d6	6.404	99	847951	93.448	ng	0.00
23) Nitrobenzene-d5	7.322	82	533378	65.077	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	188342	87.129	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	923885	64.080	ng	-0.01
79) Terphenyl-d14	12.880	244	644376	56.894	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	128289	41.009	ng	98
3) Pyridine	3.281	79	330822	39.292	ng	93
4) n-Nitrosodimethylamine	3.252	42	221854	49.655	ng	94
6) Aniline	6.428	93	381004	32.019	ng	93
8) 2-Chlorophenol	6.545	128	366755	48.144	ng	99
9) Benzaldehyde	6.310	77	144432	27.940	ng	97
10) Phenol	6.422	94	435947	43.813	ng	79
11) bis(2-Chloroethyl)ether	6.504	93	345252	46.258	ng	99
12) 1,3-Dichlorobenzene	6.698	146	364712	47.108	ng	99
13) 1,4-Dichlorobenzene	6.775	146	375429	47.663	ng	98
14) 1,2-Dichlorobenzene	6.928	146	344791	47.136	ng	97
15) Benzyl Alcohol	6.910	79	313276	48.112	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	673464	47.871	ng	95
17) 2-Methylphenol	7.022	107	286900	42.678	ng	97
18) Hexachloroethane	7.263	117	137999	47.416	ng	94
19) n-Nitroso-di-n-propyla...	7.175	70	240271	42.749	ng	94
20) 3+4-Methylphenols	7.175	107	330153	40.843	ng	95
22) Acetophenone	7.169	105	463543	45.533	ng	98
24) Nitrobenzene	7.345	77	381567	47.101	ng	98
25) Isophorone	7.581	82	703822	46.765	ng	98
26) 2-Nitrophenol	7.657	139	193550	49.781	ng	96
27) 2,4-Dimethylphenol	7.698	122	280783	42.964	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	433094	48.079	ng	99
29) 2,4-Dichlorophenol	7.904	162	292122	48.239	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	307092	48.516	ng	98
31) Naphthalene	8.057	128	1014585	46.895	ng	99
32) Benzoic acid	7.839	122	226497	46.025	ng	94
33) 4-Chloroaniline	8.116	127	277059	29.188	ng	98
34) Hexachlorobutadiene	8.175	225	183640	48.115	ng	97
35) Caprolactam	8.492	113	64400	31.687	ng	96
36) 4-Chloro-3-methylphenol	8.604	107	317336	47.149	ng	98
37) 2-Methylnaphthalene	8.751	142	636480	43.765	ng	98
38) 1-Methylnaphthalene	8.851	142	610802	44.860	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	305662	48.504	ng	99
41) Hexachlorocyclopentadiene	8.904	237	185844	68.135	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	204289	49.512	ng	98

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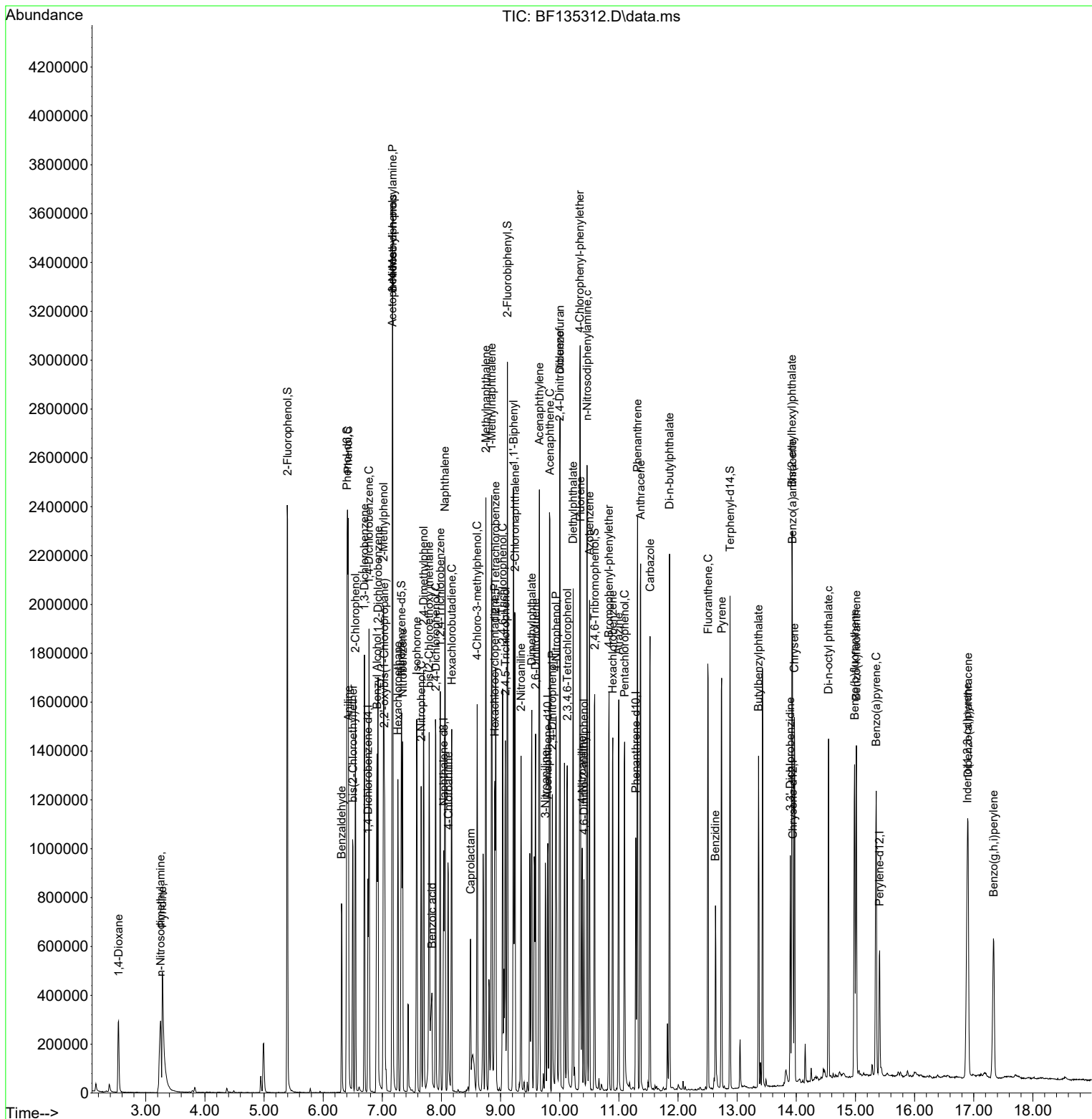
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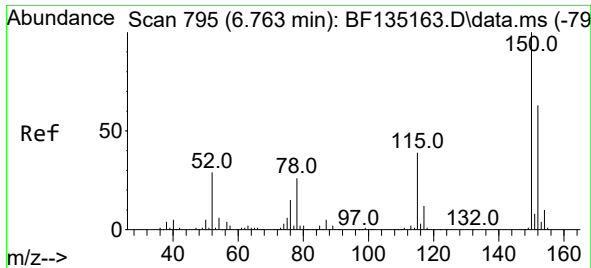
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	218313	45.945	ng	99
46) 1,1'-Biphenyl	9.222	154	809766	48.442	ng	99
47) 2-Chloronaphthalene	9.245	162	600264	49.491	ng	99
48) 2-Nitroaniline	9.345	65	229046	48.610	ng	95
49) Acenaphthylene	9.657	152	986845	48.958	ng	99
50) Dimethylphthalate	9.528	163	711276	48.364	ng	100
51) 2,6-Dinitrotoluene	9.592	165	157165	48.782	ng	91
52) Acenaphthene	9.833	154	563186	47.296	ng	98
53) 3-Nitroaniline	9.757	138	133934	35.415	ng	99
54) 2,4-Dinitrophenol	9.875	184	135351	74.472	ng	94
55) Dibenzofuran	10.004	168	823822	45.338	ng	97
56) 4-Nitrophenol	9.939	139	209319	87.088	ng	95
57) 2,4-Dinitrotoluene	9.998	165	182537	45.257	ng	# 84
58) Fluorene	10.351	166	640644	45.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	175732	48.078	ng	98
60) Diethylphthalate	10.228	149	702209	47.577	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	303755	45.267	ng	99
62) 4-Nitroaniline	10.380	138	157928	43.444	ng	99
63) Azobenzene	10.504	77	680884	47.136	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	91859	45.743	ng	96
66) n-Nitrosodiphenylamine	10.463	169	595216	52.000	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	189741	50.458	ng	98
68) Hexachlorobenzene	10.898	284	200433	52.319	ng	95
69) Atrazine	10.998	200	175784	57.074	ng	99
70) Pentachlorophenol	11.098	266	182625	79.678	ng	98
71) Phenanthrene	11.316	178	877009	49.044	ng	99
72) Anthracene	11.369	178	877621	47.747	ng	99
73) Carbazole	11.527	167	768151	45.908	ng	99
74) Di-n-butylphthalate	11.857	149	1003807	50.912	ng	98
75) Fluoranthene	12.510	202	770150	41.333	ng	98
77) Benzidine	12.633	184	297716	82.770	ng	97
78) Pyrene	12.739	202	749249	44.823	ng	100
80) Butylbenzylphthalate	13.363	149	288170	48.964	ng	97
81) Benzo(a)anthracene	13.933	228	546728	48.224	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	183239	51.745	ng	# 96
83) Chrysene	13.968	228	543524	48.220	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	341119	56.482	ng	99
85) Di-n-octyl phthalate	14.545	149	619309	64.526	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	639482	40.009	ng	100
88) Benzo(b)fluoranthene	14.986	252	636780	48.254	ng	99
89) Benzo(k)fluoranthene	15.015	252	576352	44.213	ng	99
90) Benzo(a)pyrene	15.351	252	577894	45.921	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	526812	40.282	ng	100
92) Benzo(g,h,i)perylene	17.339	276	481005	35.217	ng	99

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

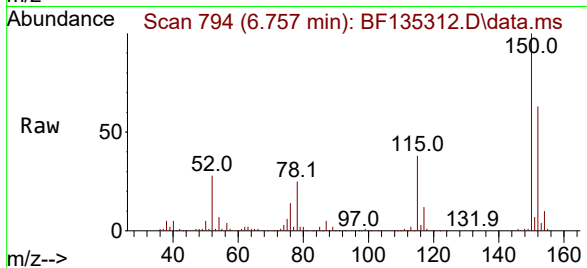
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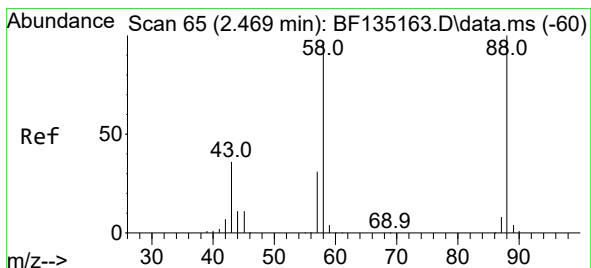
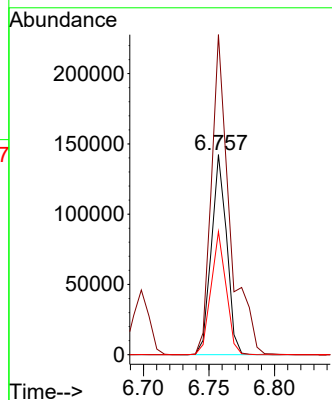
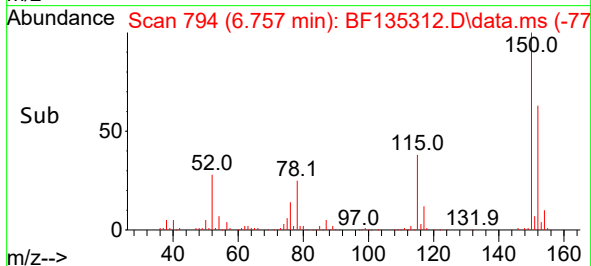


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

Instrument :
 BNA_F
 ClientSampleId :

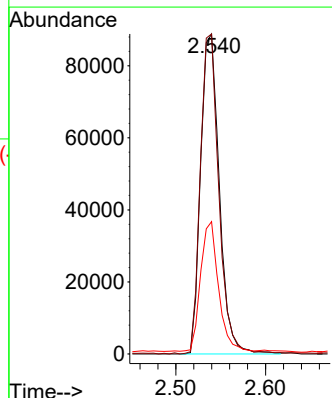
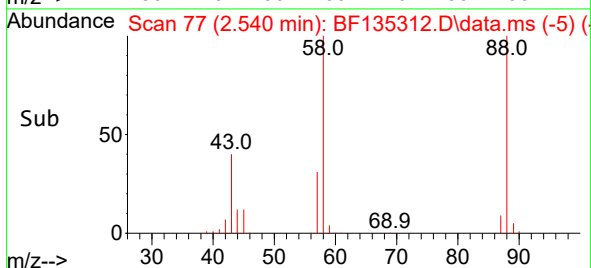
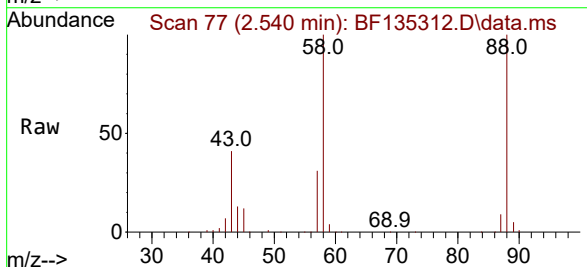


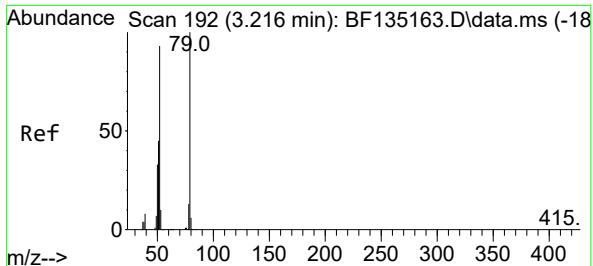
Tgt Ion:152 Resp: 116066
 Ion Ratio Lower Upper
 152 100
 150 160.0 127.8 191.6
 115 61.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 41.009 ng
 RT: 2.540 min Scan# 77
 Delta R.T. 0.071 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

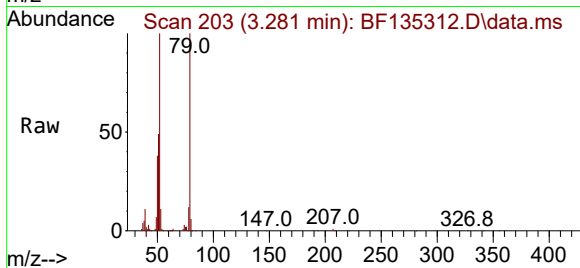
Tgt Ion: 88 Resp: 128289
 Ion Ratio Lower Upper
 88 100
 58 99.8 78.3 117.5
 43 38.9 29.4 44.0



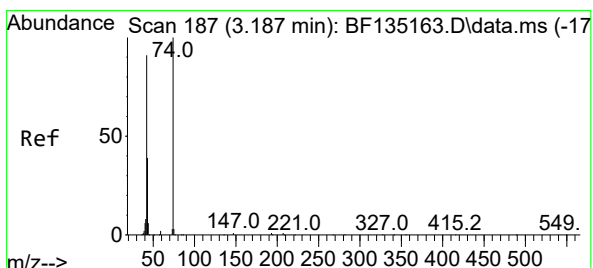
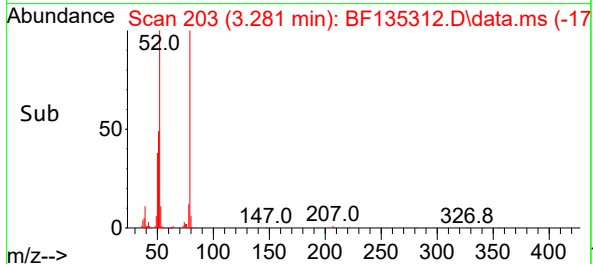
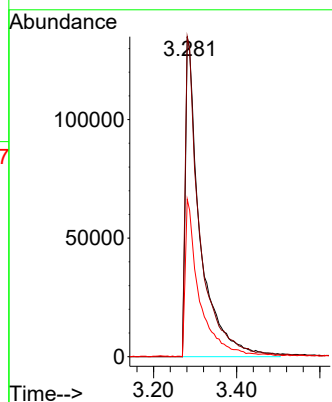


#3
 Pyridine
 Concen: 39.292 ng
 RT: 3.281 min Scan# 20
 Delta R.T. 0.065 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

Instrument :
 BNA_F
 ClientSampleId :

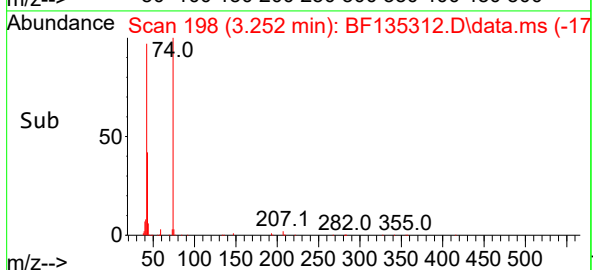
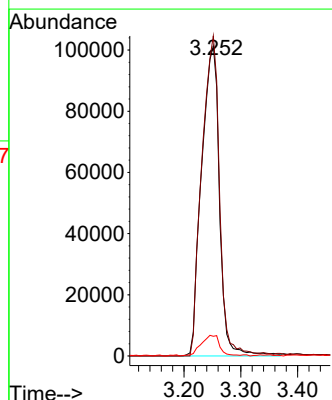
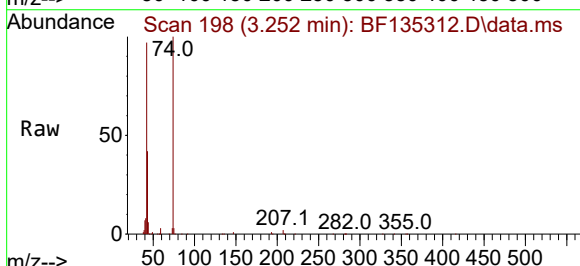


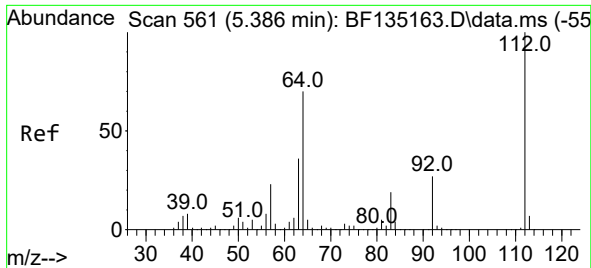
Tgt Ion: 79 Resp: 330822
 Ion Ratio Lower Upper
 79 100
 52 100.0 74.1 111.1
 51 49.2 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 49.655 ng
 RT: 3.252 min Scan# 198
 Delta R.T. 0.065 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

Tgt Ion: 42 Resp: 221854
 Ion Ratio Lower Upper
 42 100
 74 103.2 87.7 131.5
 44 6.3 5.6 8.4

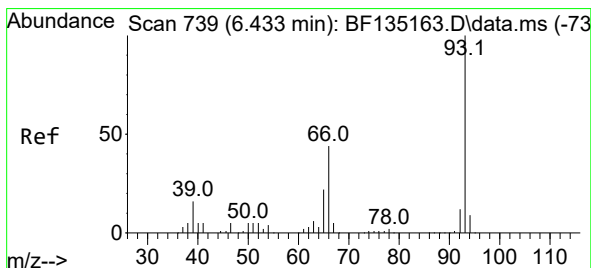
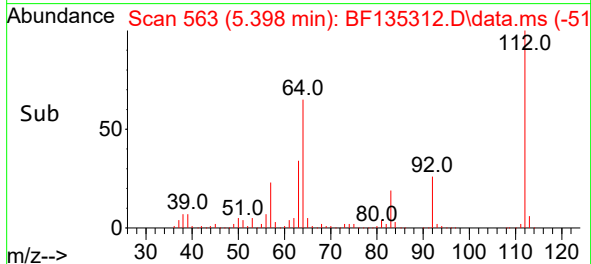
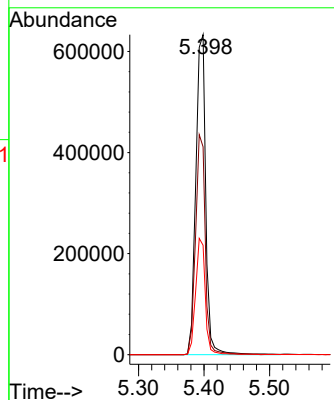
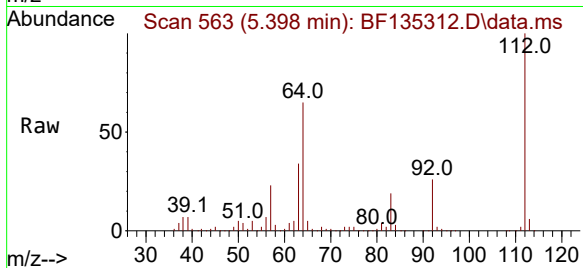




#5
2-Fluorophenol
Concen: 93.619 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

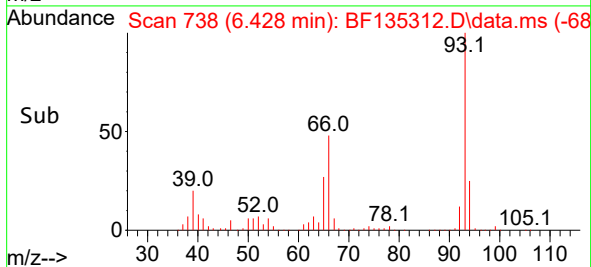
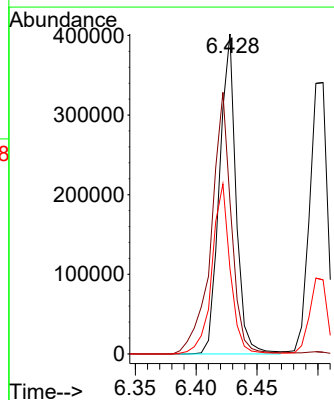
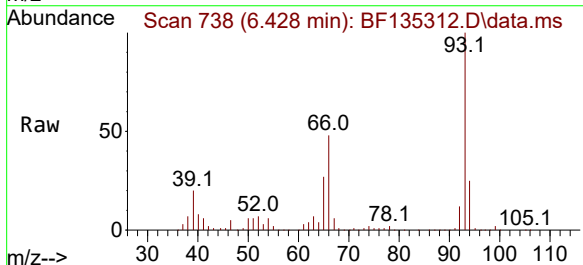
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ClientSampleId :

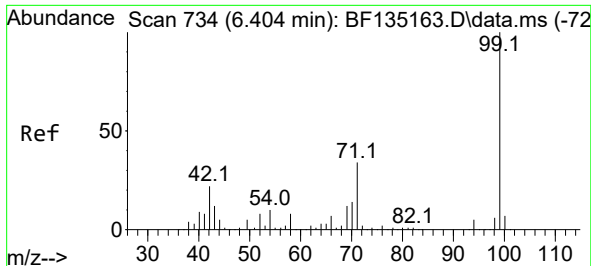
Tgt Ion:112 Resp: 668078
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 34.2 29.0 43.6



#6
Aniline
Concen: 32.019 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 93 Resp: 381004
Ion Ratio Lower Upper
93 100
66 47.7 35.4 53.0
65 26.7 17.8 26.8

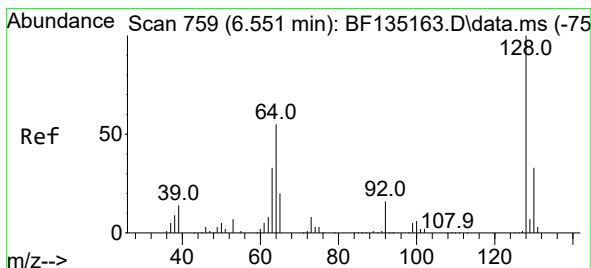
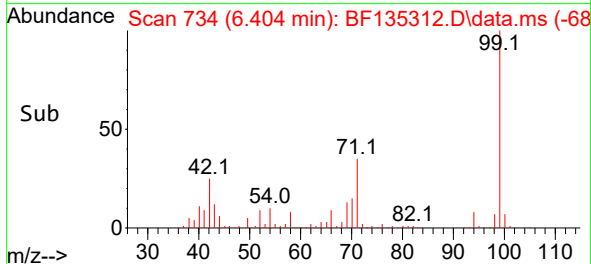
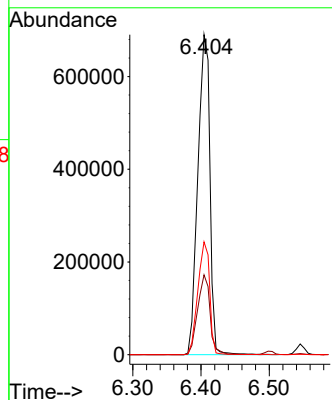
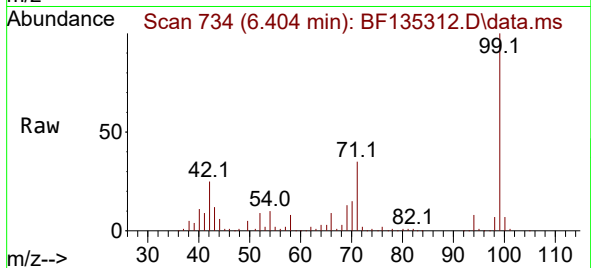




#7
Phenol-d6
Concen: 93.448 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

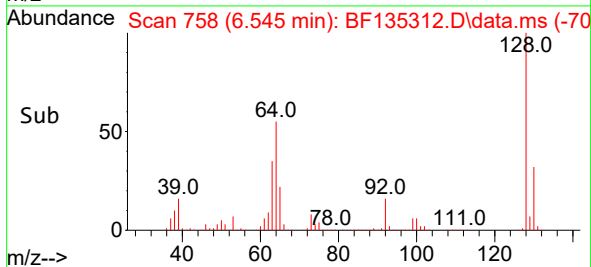
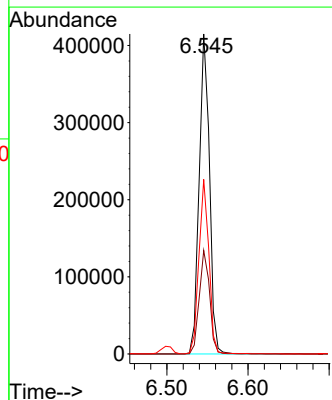
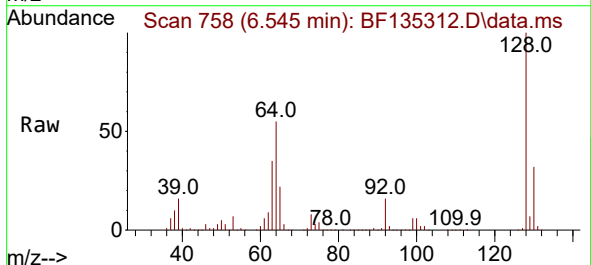
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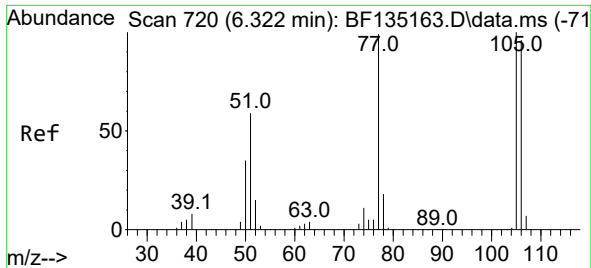
Tgt Ion: 99 Resp: 847951
Ion Ratio Lower Upper
99 100
42 24.9 17.9 26.9
71 35.3 27.0 40.6



#8
2-Chlorophenol
Concen: 48.144 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:128 Resp: 366755
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 54.5 35.9 75.9

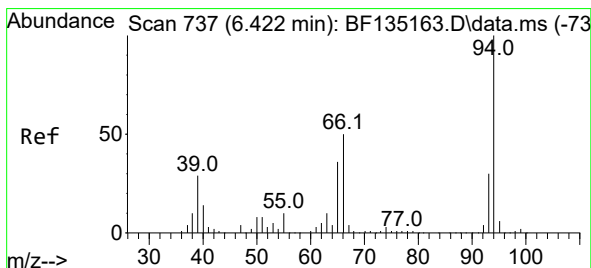
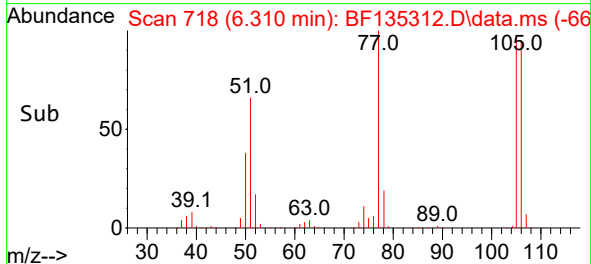
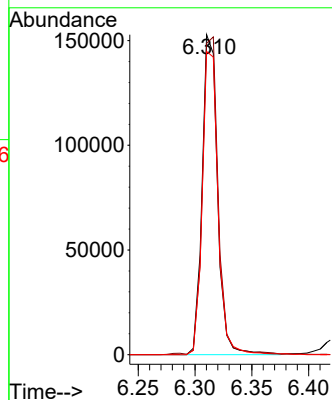
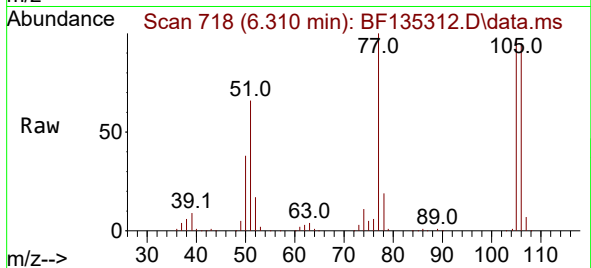




#9
Benzaldehyde
Concen: 27.940 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

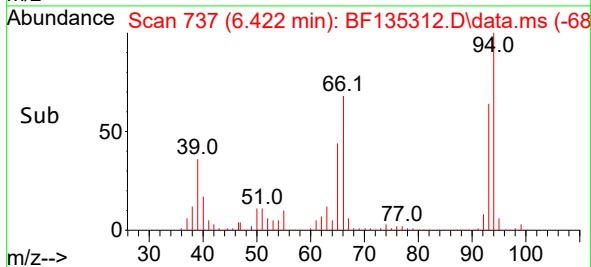
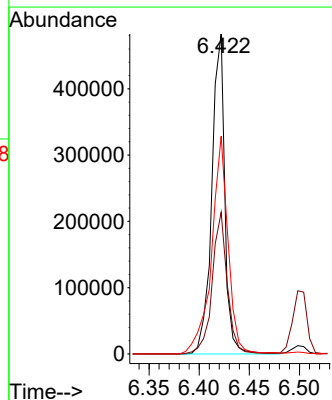
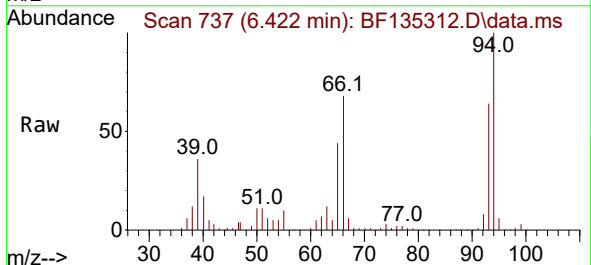
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ClientSampleId :

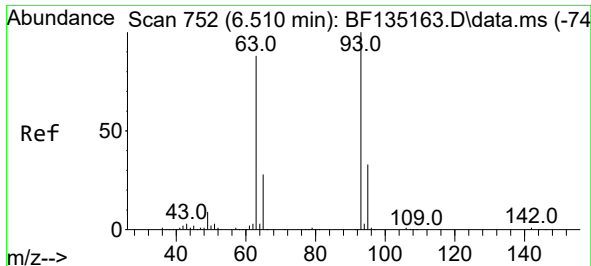
Tgt Ion: 77 Resp: 144432
Ion Ratio Lower Upper
77 100
105 97.3 81.4 121.4
106 94.8 76.9 116.9



#10
Phenol
Concen: 43.813 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 94 Resp: 435947
Ion Ratio Lower Upper
94 100
65 44.3 15.9 55.9
66 68.0 29.8 69.8

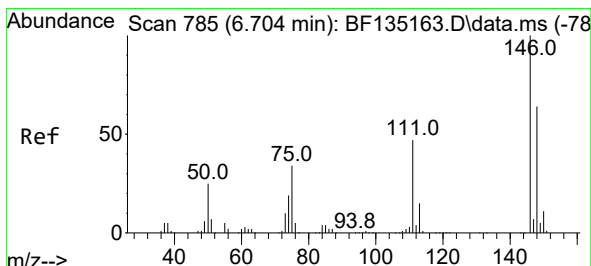
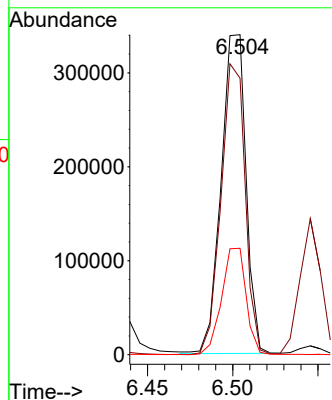
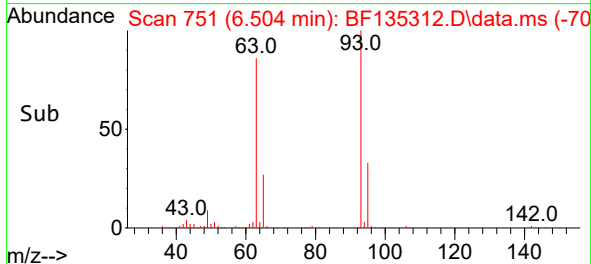
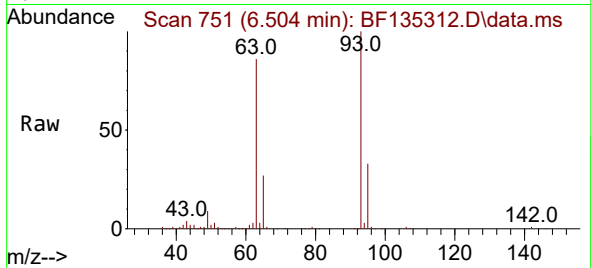




#11
bis(2-Chloroethyl)ether
Concen: 46.258 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

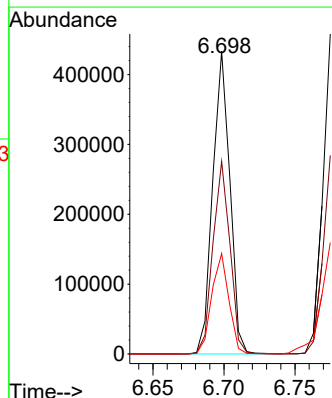
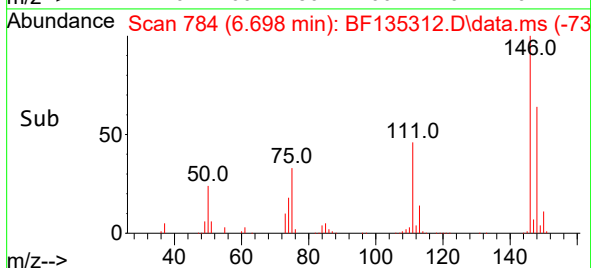
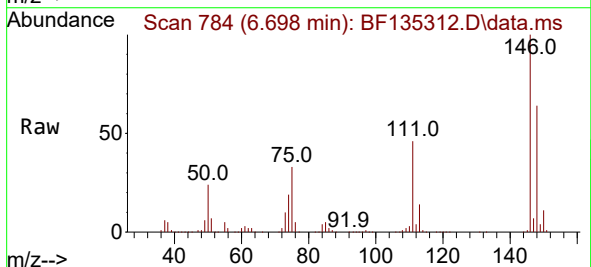
Instrument :
BNA_F
ClientSampleId :

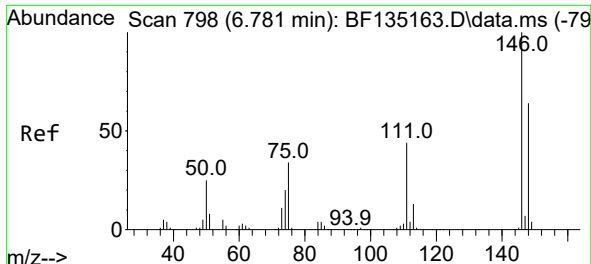
Tgt Ion: 93 Resp: 345252
Ion Ratio Lower Upper
93 100
63 86.4 67.3 107.3
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.108 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:146 Resp: 364712
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 33.2 27.4 41.2

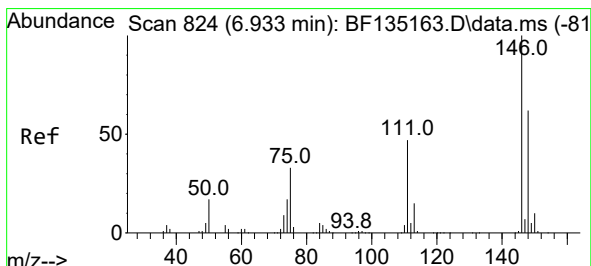
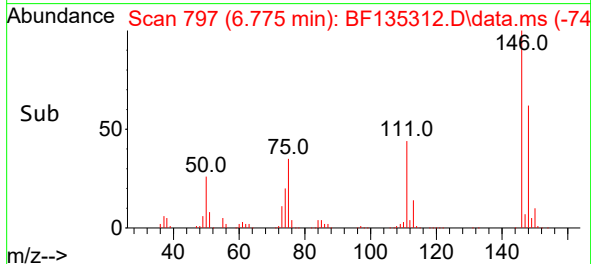
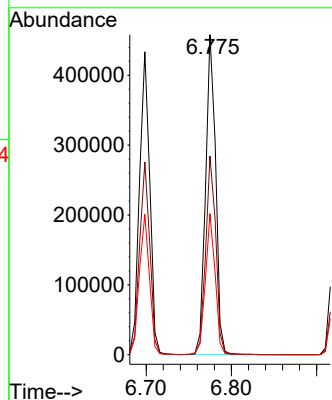
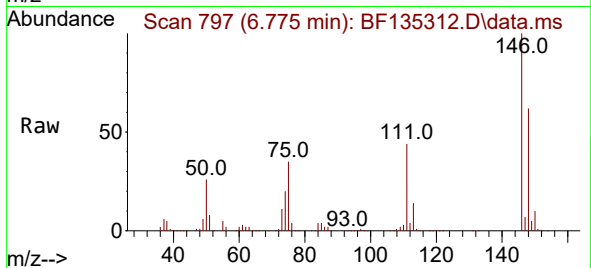




#13
1,4-Dichlorobenzene
Concen: 47.663 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

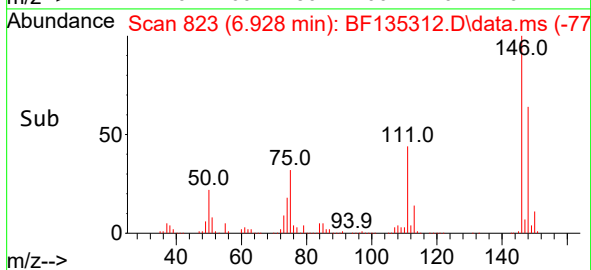
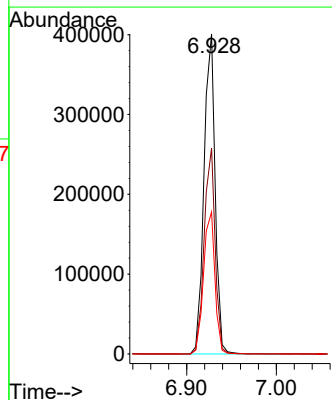
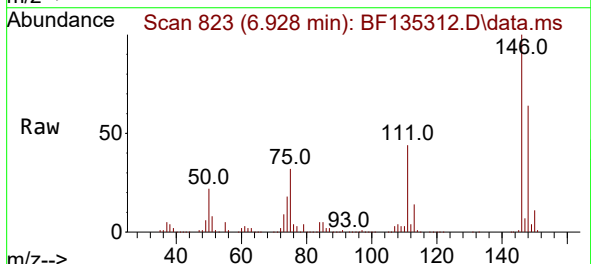
Instrument :
BNA_F
ClientSampleId :

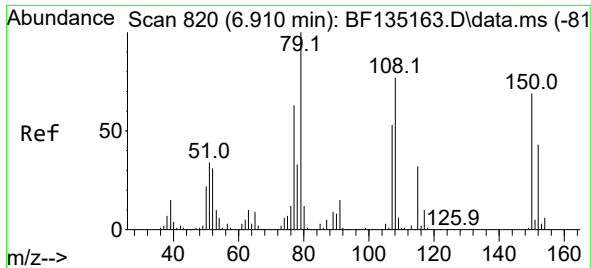
Tgt Ion:146 Resp: 375429
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
111 44.1 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 47.136 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:146 Resp: 344791
Ion Ratio Lower Upper
146 100
148 64.4 49.7 74.5
111 44.4 37.4 56.2

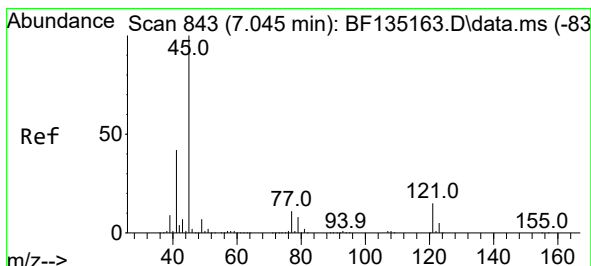
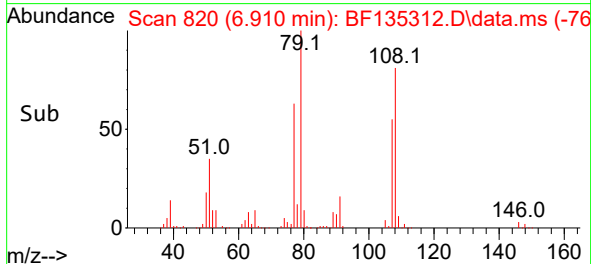
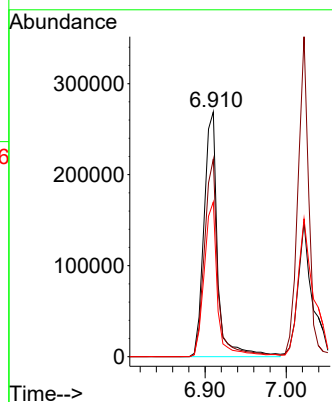
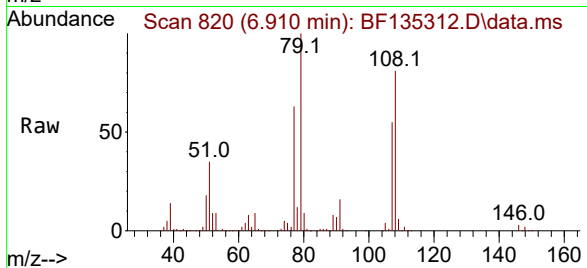




#15
Benzyl Alcohol
Concen: 48.112 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

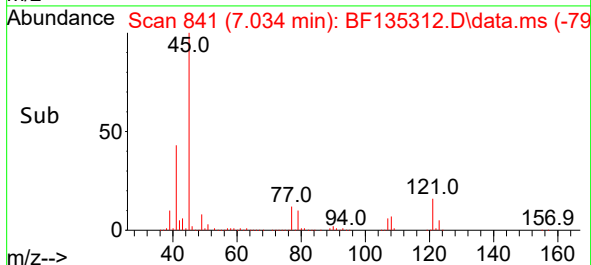
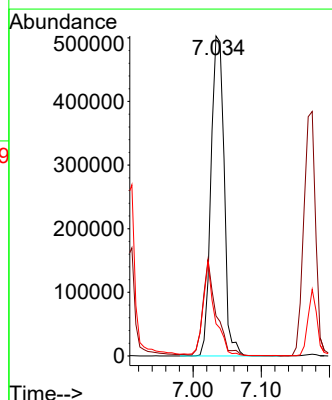
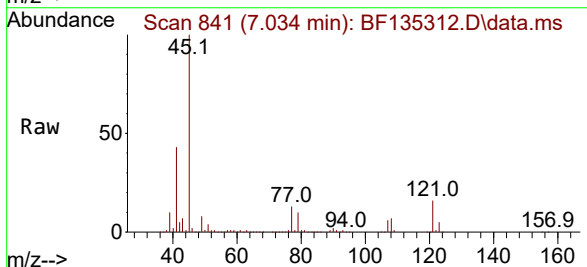
Instrument :
BNA_F
ClientSampleId :

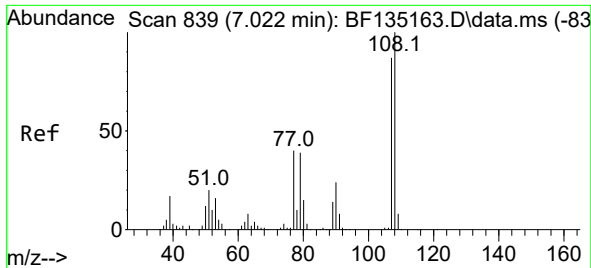
Tgt Ion: 79 Resp: 313276
Ion Ratio Lower Upper
79 100
108 80.7 61.2 91.8
77 63.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.871 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

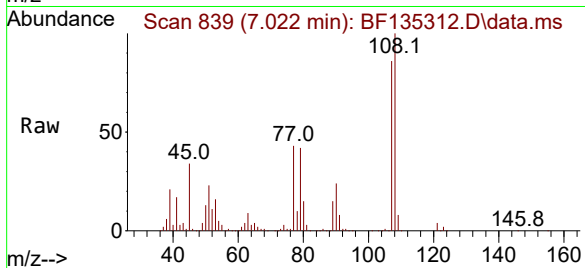
Tgt Ion: 45 Resp: 673464
Ion Ratio Lower Upper
45 100
77 12.5 0.0 30.6
79 10.1 0.0 28.3



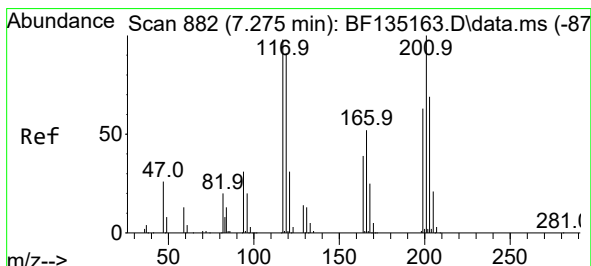
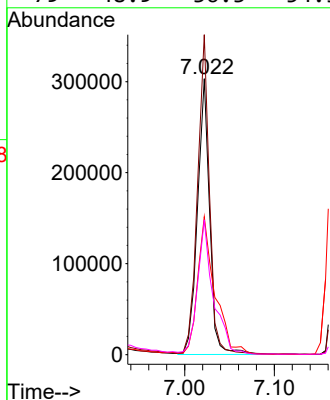
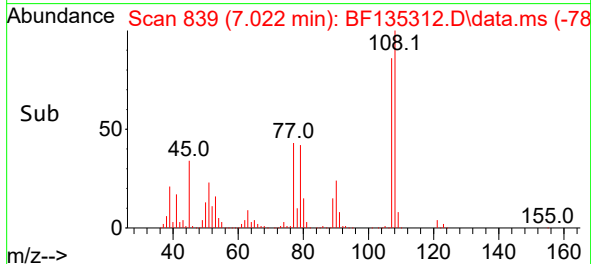


#17
2-Methylphenol
Concen: 42.678 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

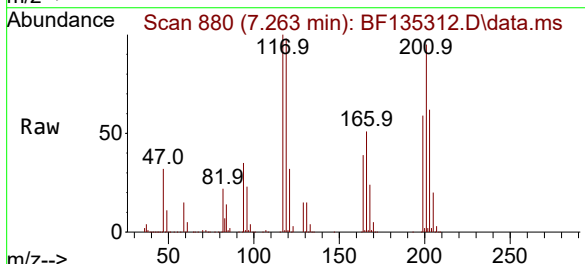
Instrument :
BNA_F
ClientSampleId :



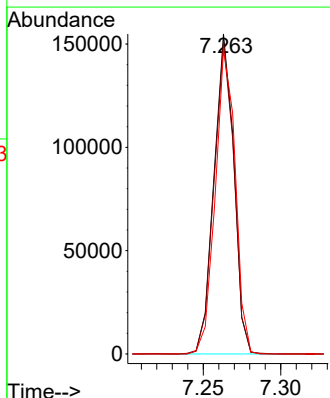
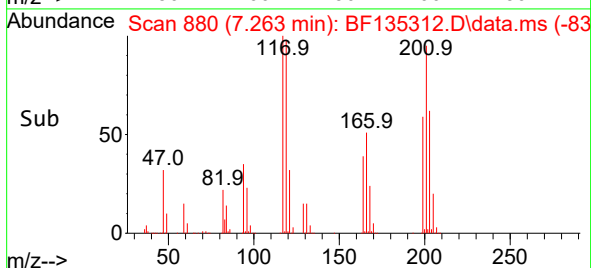
Tgt Ion:107 Resp: 286900
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 50.0 36.7 55.1
79 48.9 36.3 54.5

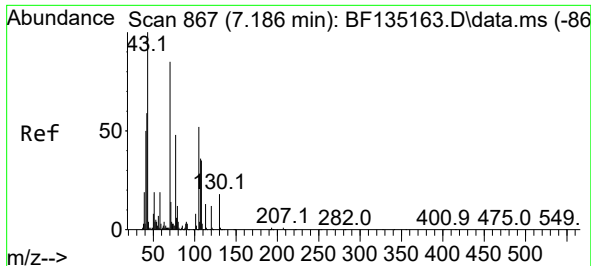


#18
Hexachloroethane
Concen: 47.416 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



Tgt Ion:117 Resp: 137999
Ion Ratio Lower Upper
117 100
119 97.8 74.7 112.1
201 95.0 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.749 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.012 min

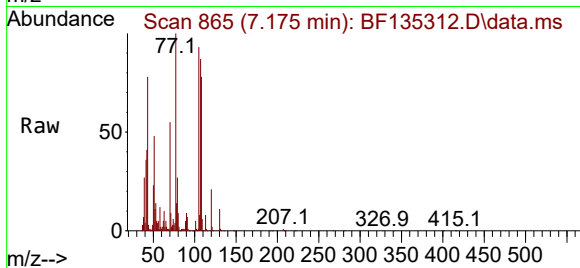
Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 240271

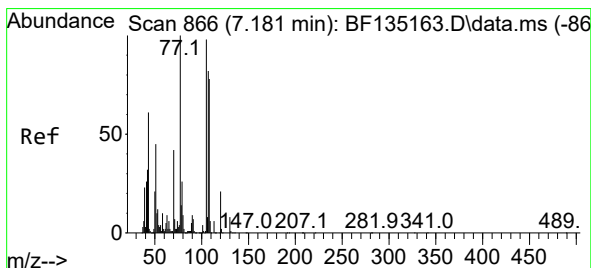
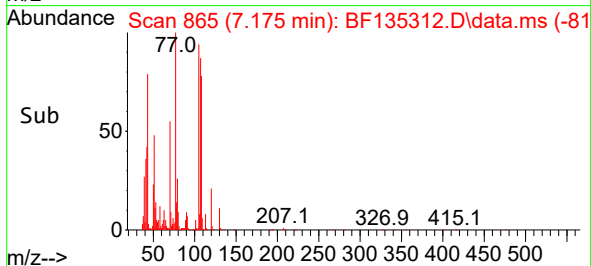
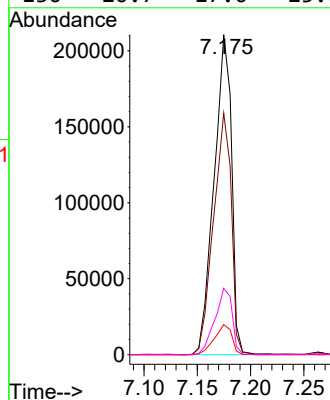
Ion Ratio Lower Upper

70 100

42 75.5 55.4 83.0

101 9.4 7.7 11.5

130 20.7 17.0 25.6



#20

3+4-Methylphenols

Concen: 40.843 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion: 107 Resp: 330153

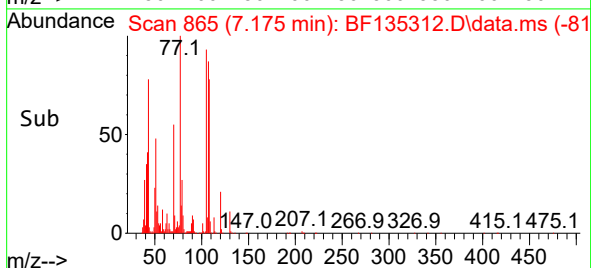
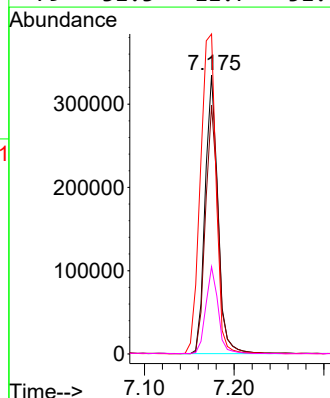
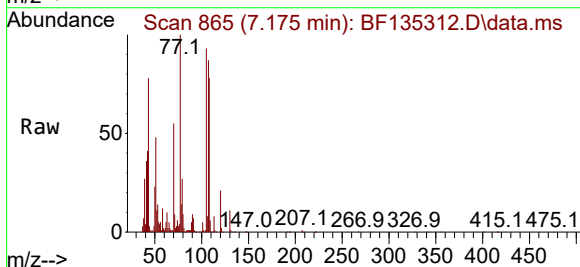
Ion Ratio Lower Upper

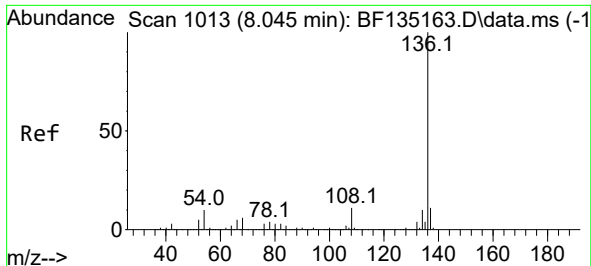
107 100

108 89.1 74.7 114.7

77 114.7 102.0 142.0

79 31.3 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1013

Delta R.T. -0.006 min

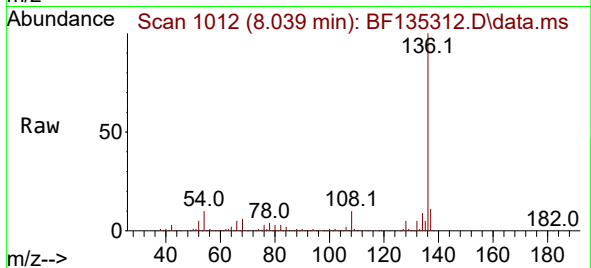
Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 445290

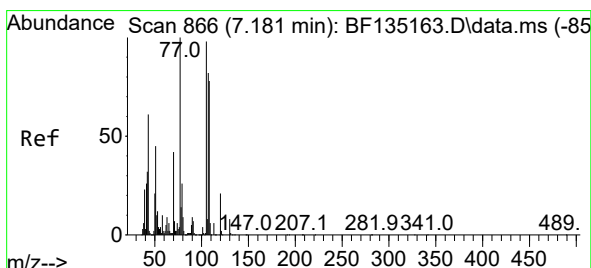
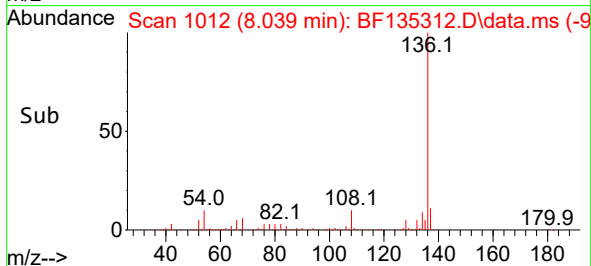
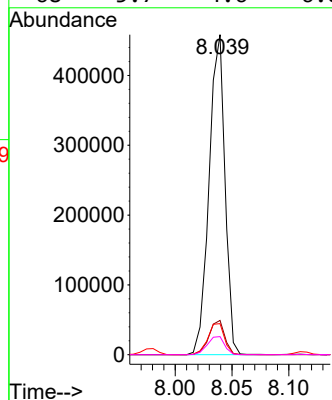
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.7 7.7 11.5

68 5.7 4.6 6.8



#22

Acetophenone

Concen: 45.533 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion:105 Resp: 463543

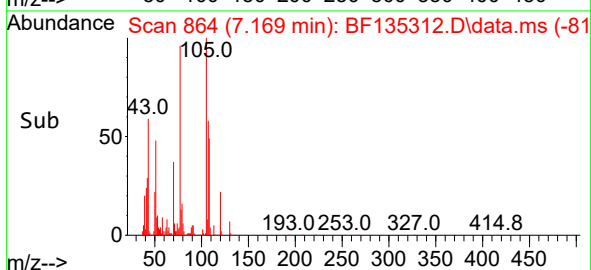
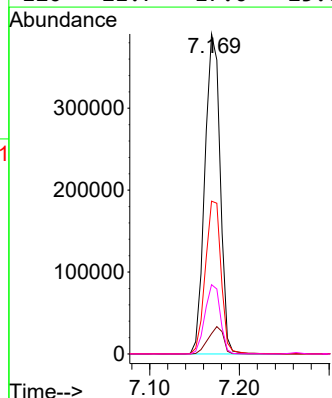
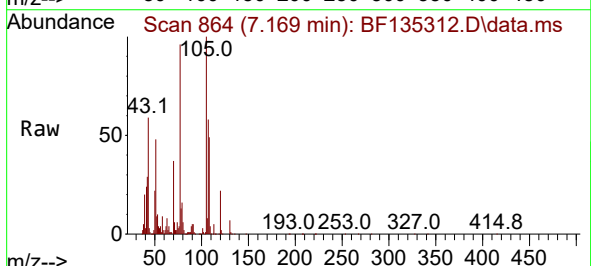
Ion Ratio Lower Upper

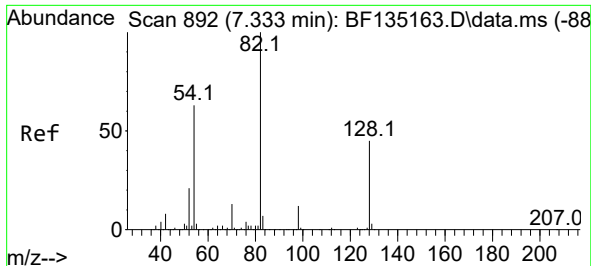
105 100

71 6.3 5.8 8.6

51 47.7 37.0 55.4

120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 65.077 ng

RT: 7.322 min Scan# 891

Delta R.T. -0.012 min

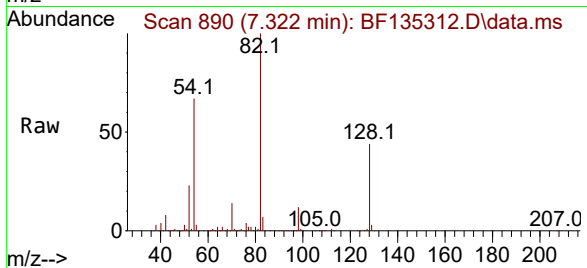
Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :



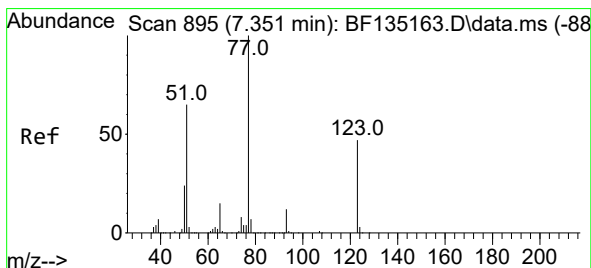
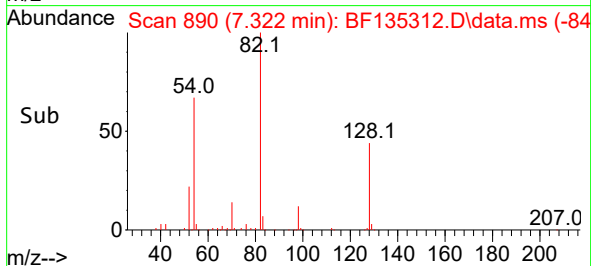
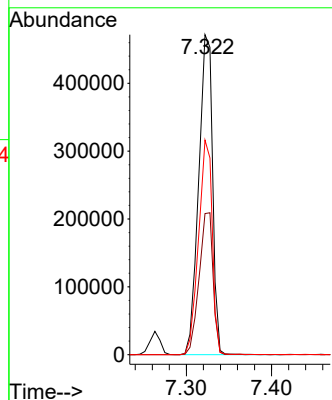
Tgt Ion: 82 Resp: 533378

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 67.0 50.6 76.0



#24

Nitrobenzene

Concen: 47.101 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

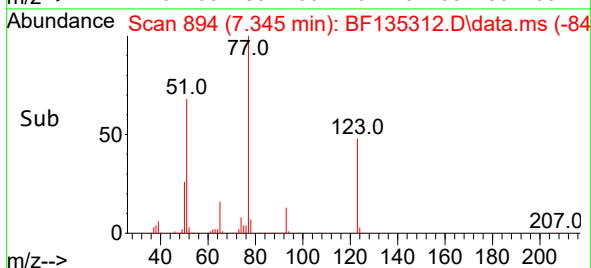
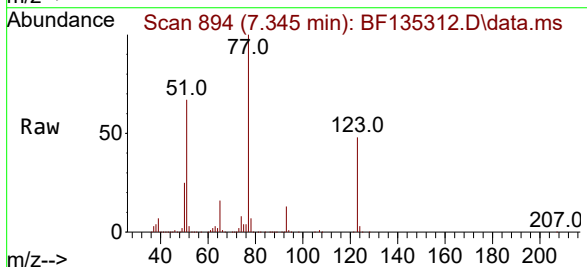
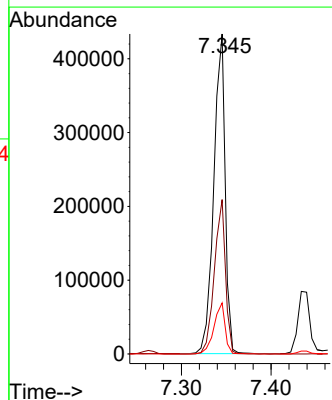
Tgt Ion: 77 Resp: 381567

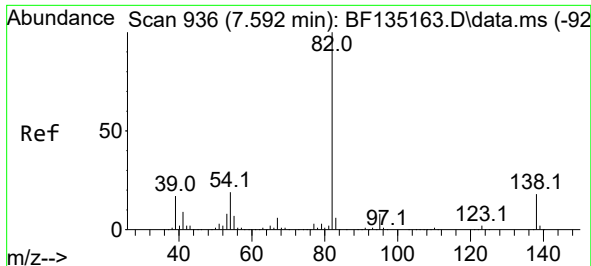
Ion Ratio Lower Upper

77 100

123 48.3 37.6 56.4

65 15.9 12.2 18.4

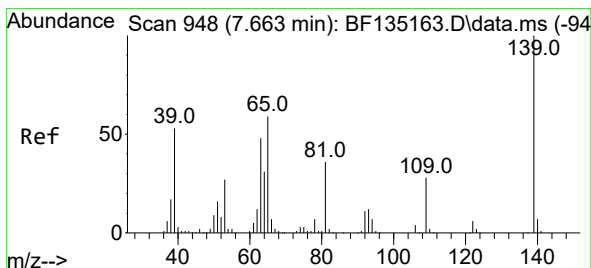
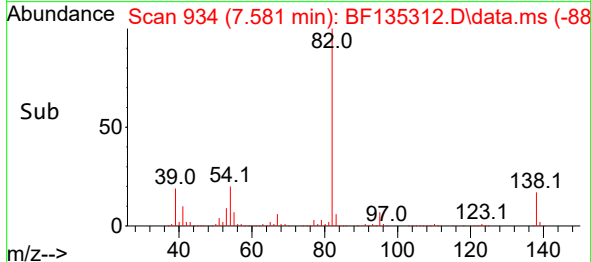
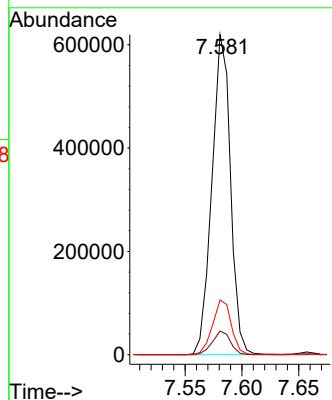
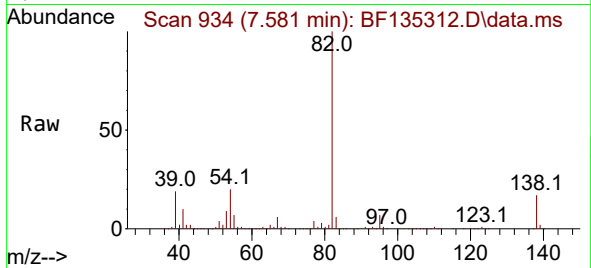




#25
Isophorone
Concen: 46.765 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

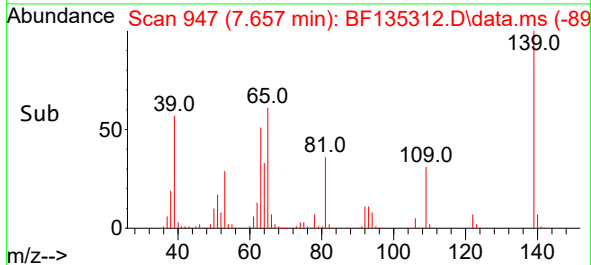
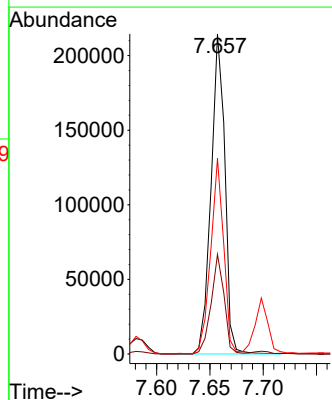
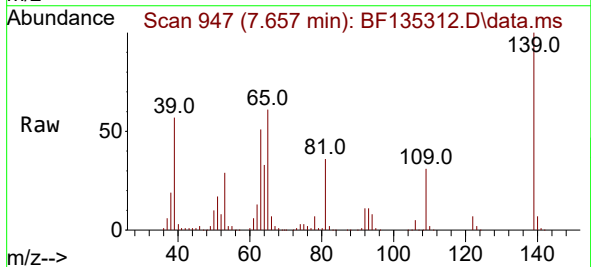
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 703822
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 17.1 14.5 21.7



#26
2-Nitrophenol
Concen: 49.781 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:139 Resp: 193550
Ion Ratio Lower Upper
139 100
109 31.1 22.6 33.8
65 61.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.964 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

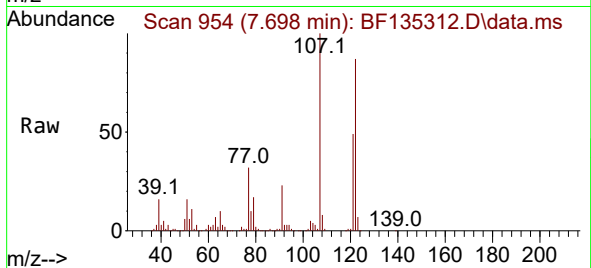
Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :



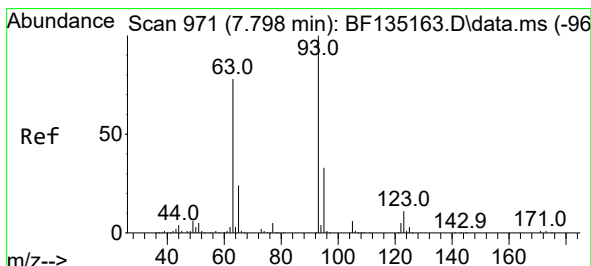
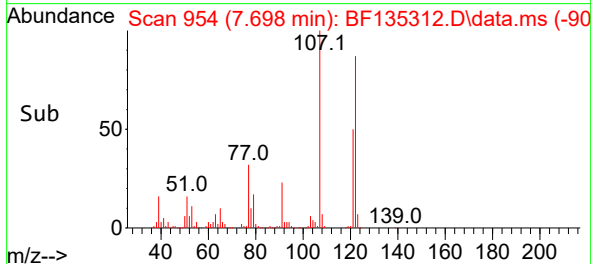
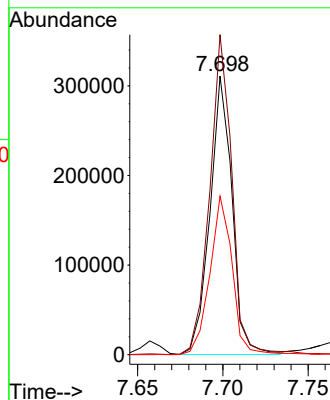
Tgt Ion:122 Resp: 280783

Ion Ratio Lower Upper

122 100

107 114.9 90.2 135.4

121 56.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 48.079 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

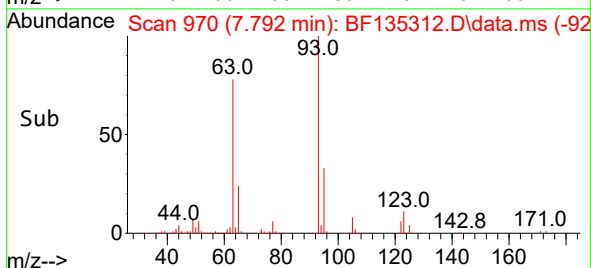
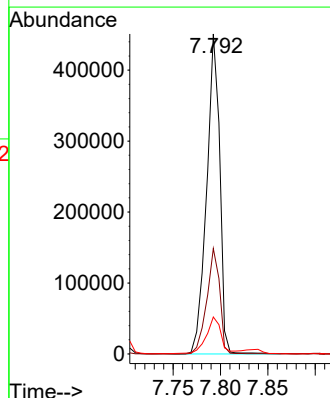
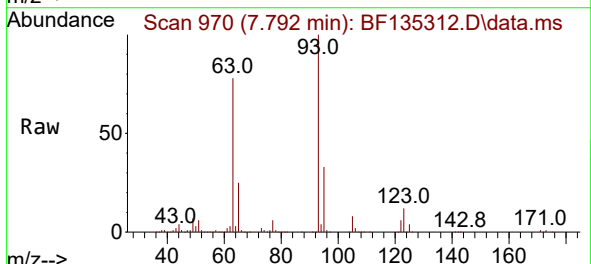
Tgt Ion: 93 Resp: 433094

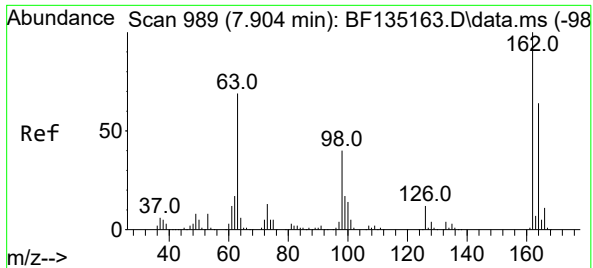
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

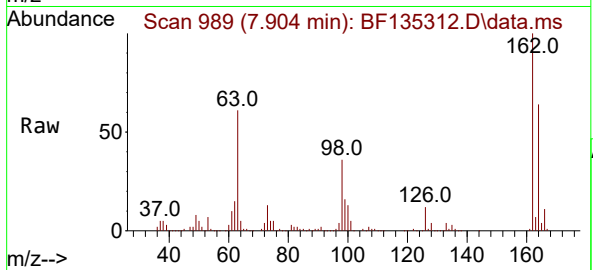
123 11.6 8.8 13.2



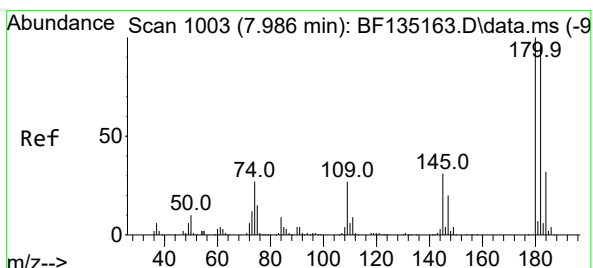
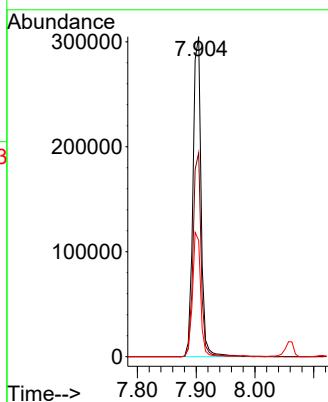
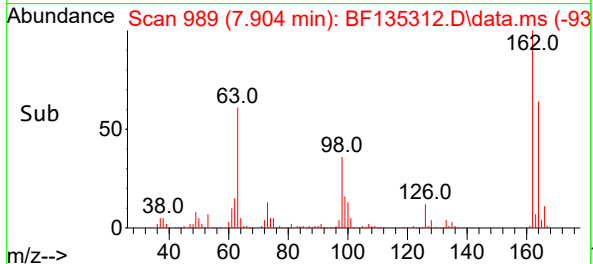


#29
2,4-Dichlorophenol
Concen: 48.239 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

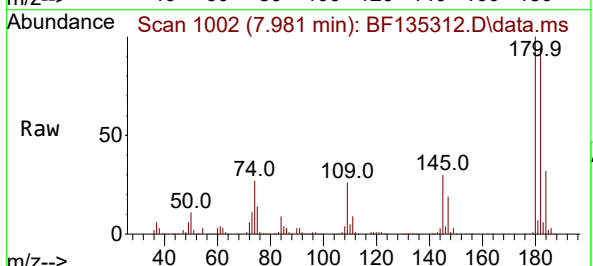
Instrument :
BNA_F
ClientSampleId :



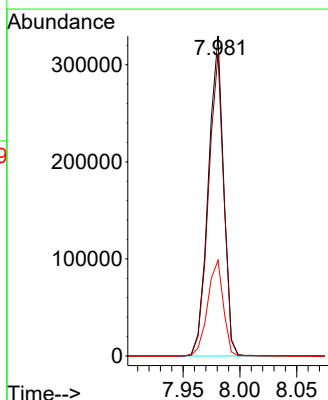
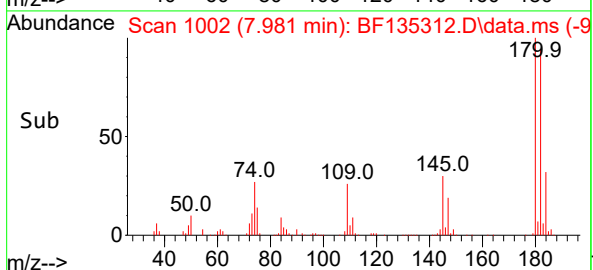
Tgt Ion:162 Resp: 292122
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 36.3 20.3 60.3

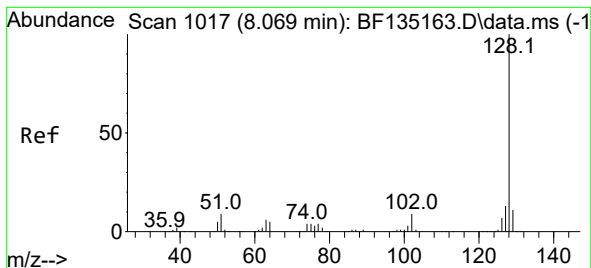


#30
1,2,4-Trichlorobenzene
Concen: 48.516 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



Tgt Ion:180 Resp: 307092
Ion Ratio Lower Upper
180 100
182 94.4 76.9 115.3
145 29.9 24.5 36.7





#31

Naphthalene

Concen: 46.895 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

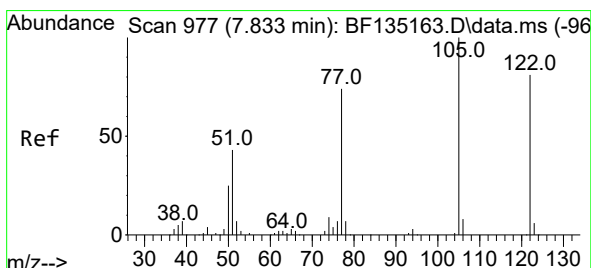
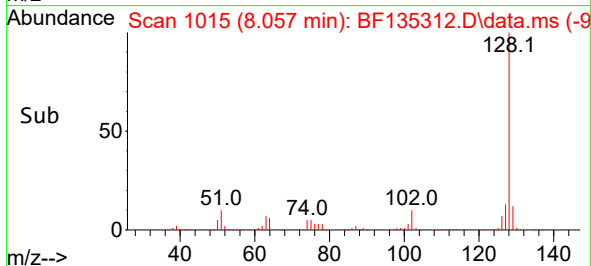
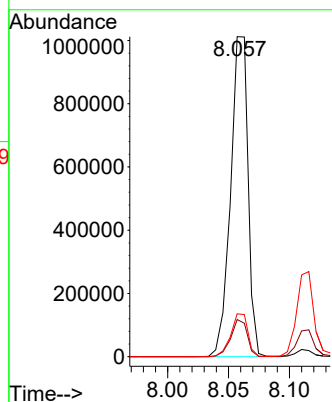
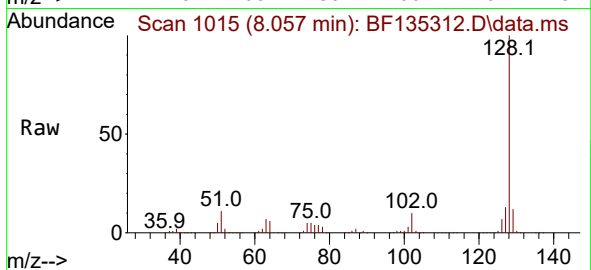
Tgt Ion:128 Resp: 1014585

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 46.025 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

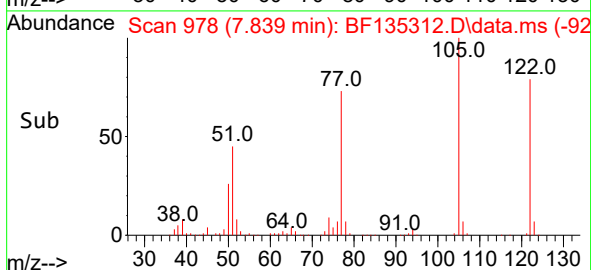
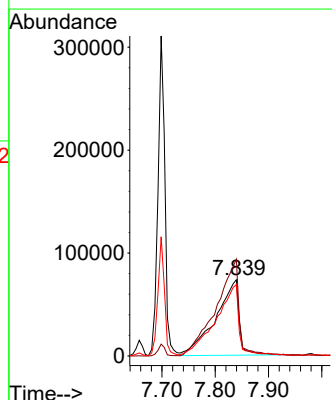
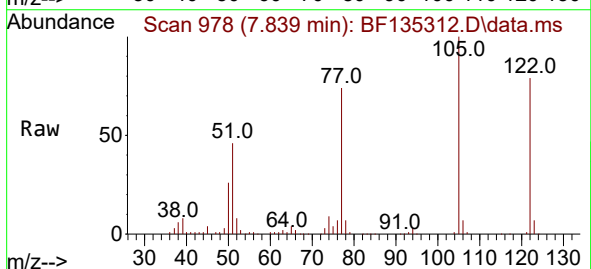
Tgt Ion:122 Resp: 226497

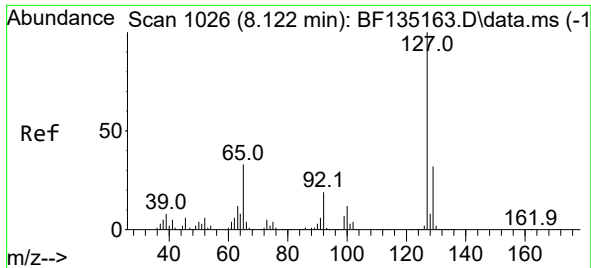
Ion Ratio Lower Upper

122 100

105 127.3 99.9 139.9

77 93.8 70.0 110.0

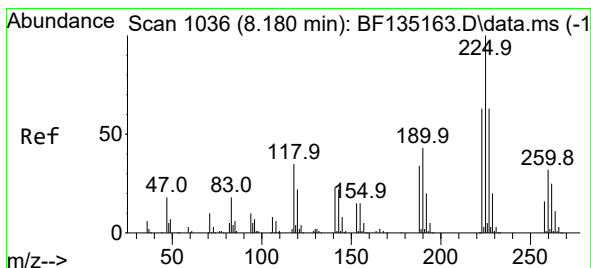
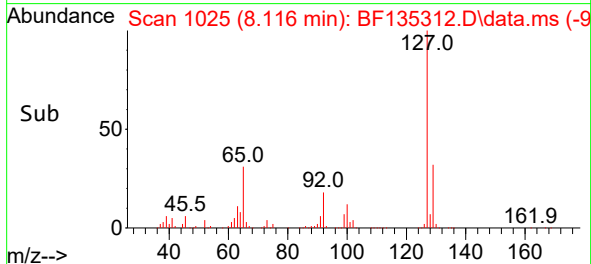
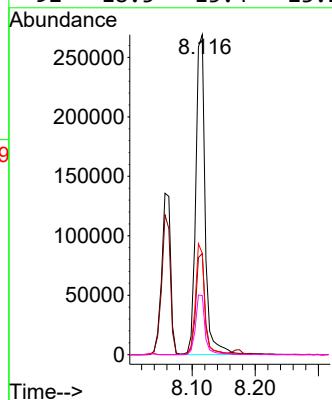
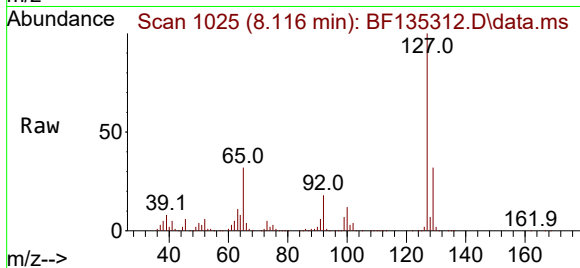




#33
4-Chloroaniline
Concen: 29.188 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

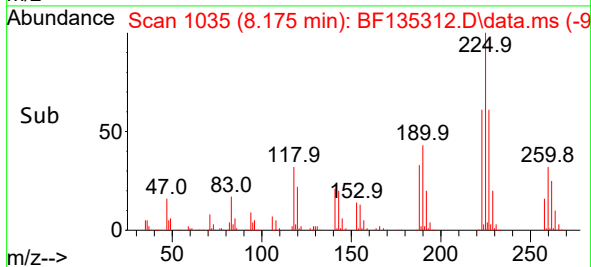
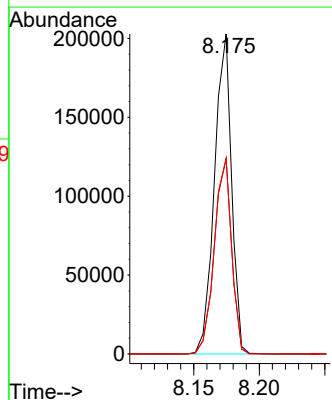
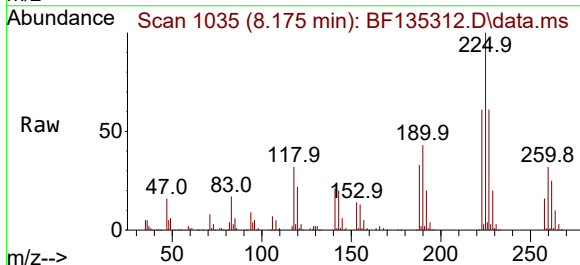
Instrument :
BNA_F
ClientSampleId :

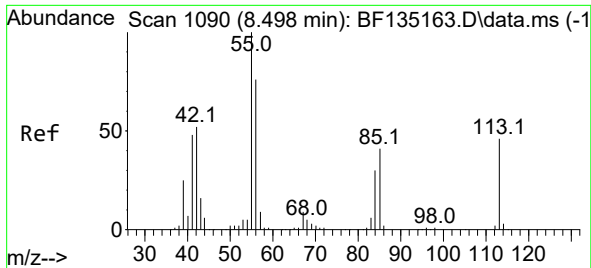
Tgt Ion:127	Resp: 277059
Ion Ratio	Lower Upper
127 100	
129 31.6	25.8 38.8
65 31.7	26.6 39.8
92 18.5	15.4 23.2



#34
Hexachlorobutadiene
Concen: 48.115 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:225	Resp: 183640
Ion Ratio	Lower Upper
225 100	
223 61.0	50.6 75.8
227 61.1	50.8 76.2

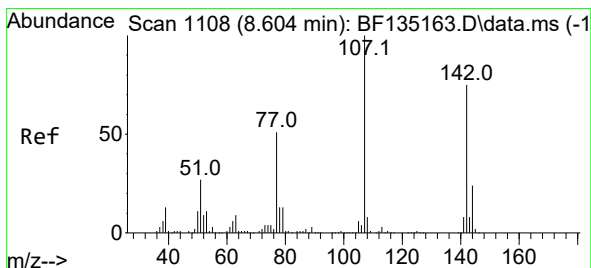
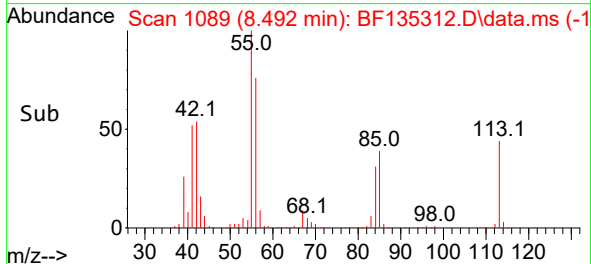
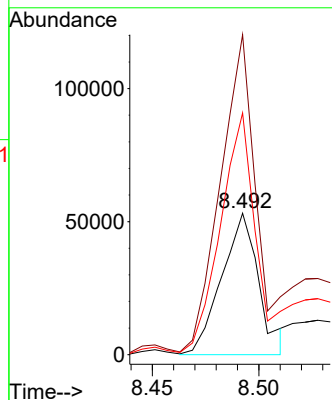
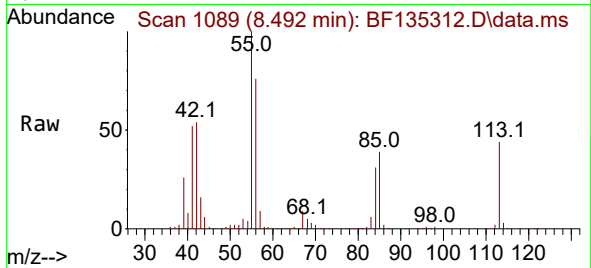




#35
 Caprolactam
 Concen: 31.687 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

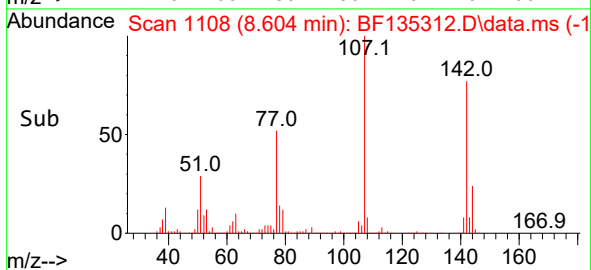
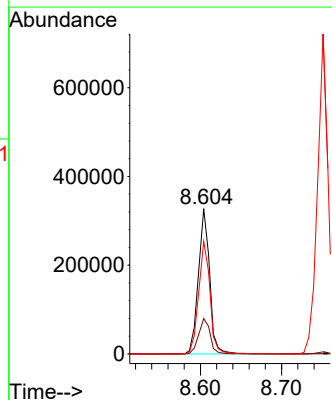
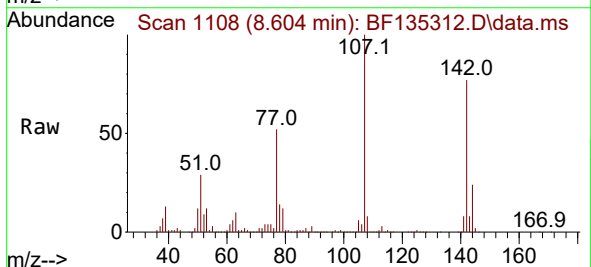
Instrument :
 BNA_F
 ClientSampleId :

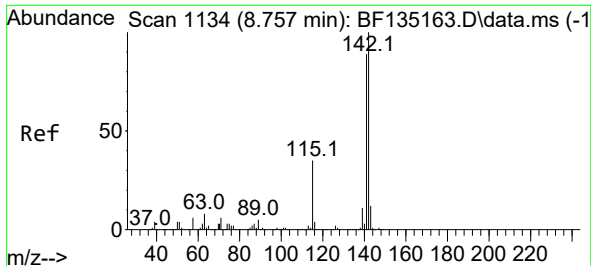
Tgt Ion:113 Resp: 64400
 Ion Ratio Lower Upper
 113 100
 55 226.2 199.3 239.3
 56 171.0 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.149 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

Tgt Ion:107 Resp: 317336
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.4
 142 77.5 60.2 90.2

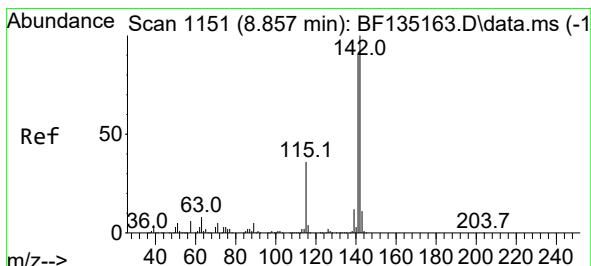
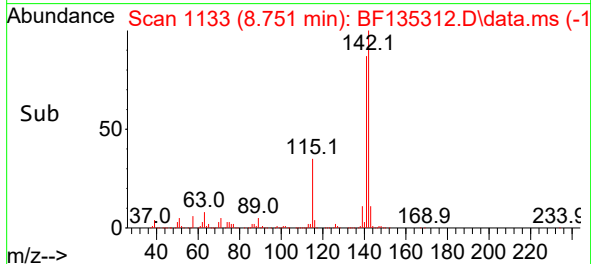
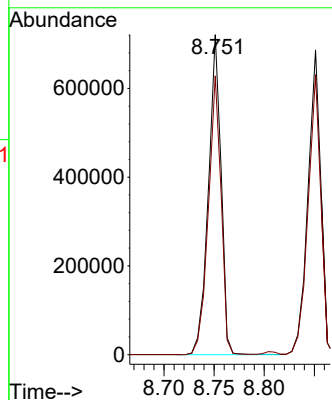
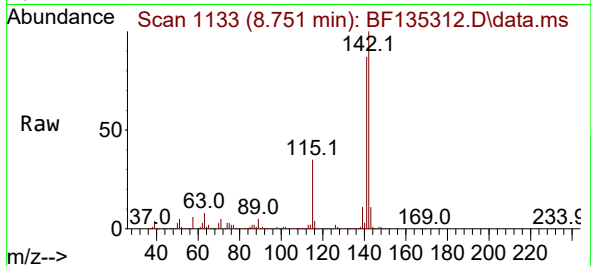




#37
2-Methylnaphthalene
Concen: 43.765 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

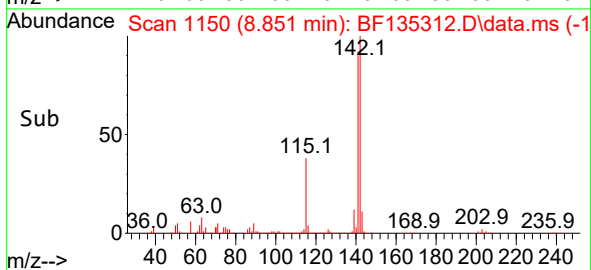
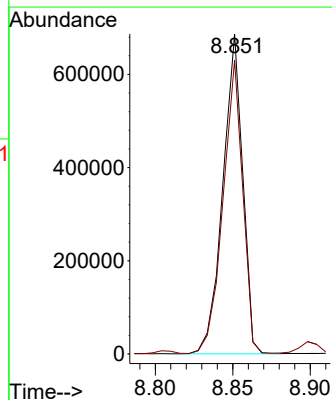
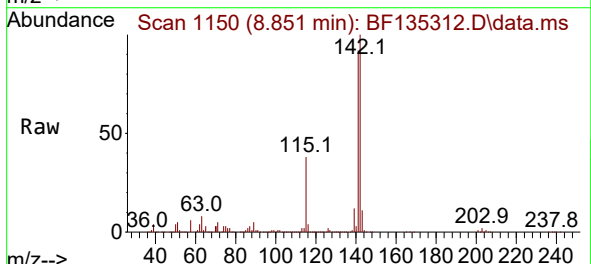
Instrument :
BNA_F
ClientSampleId :

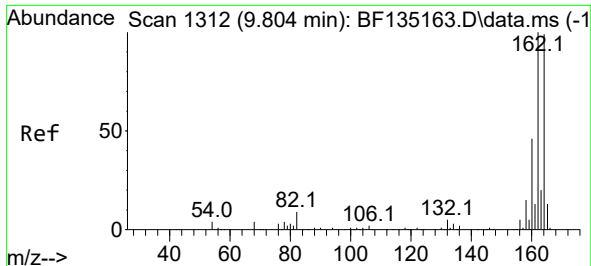
Tgt Ion:142 Resp: 636480
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.6



#38
1-Methylnaphthalene
Concen: 44.860 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:142 Resp: 610802
Ion Ratio Lower Upper
142 100
141 91.9 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

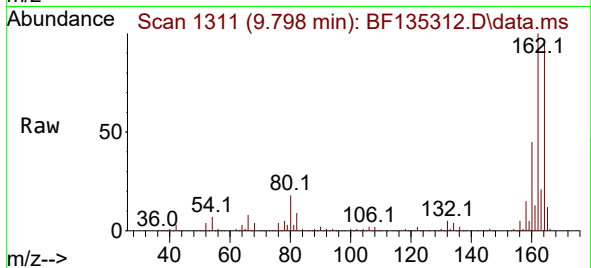
Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :



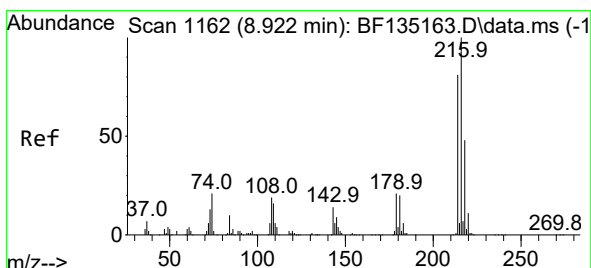
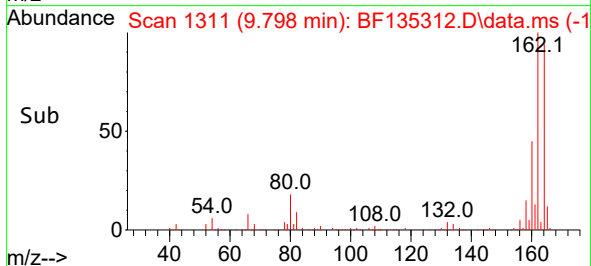
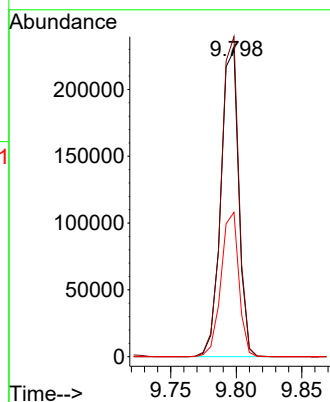
Tgt Ion:164 Resp: 217523

Ion Ratio Lower Upper

164 100

162 104.4 81.0 121.4

160 47.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.504 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion:216 Resp: 305662

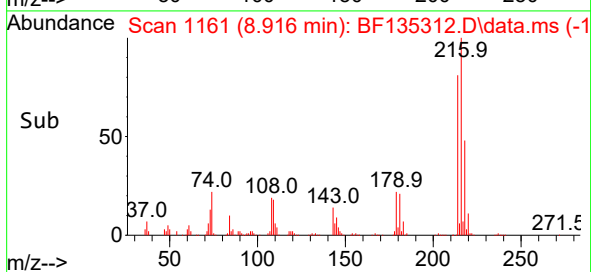
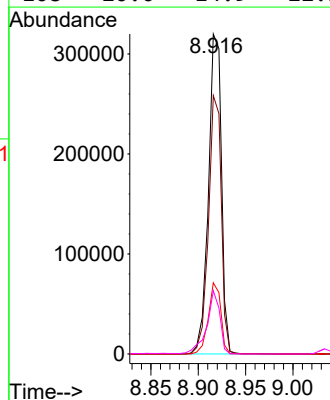
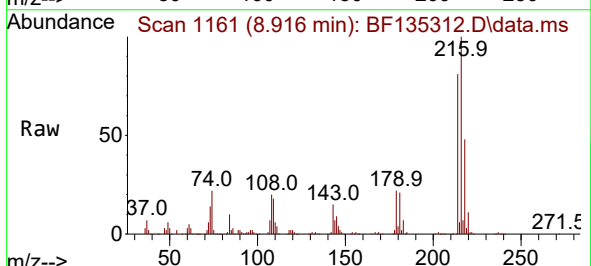
Ion Ratio Lower Upper

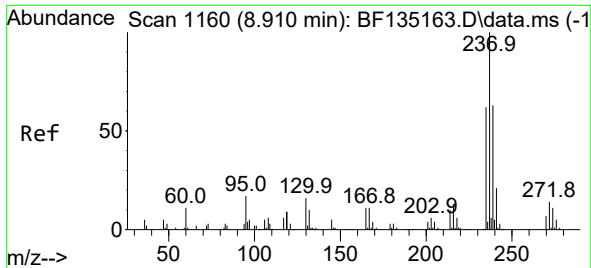
216 100

214 79.4 63.7 95.5

179 21.3 16.7 25.1

108 20.0 14.9 22.3

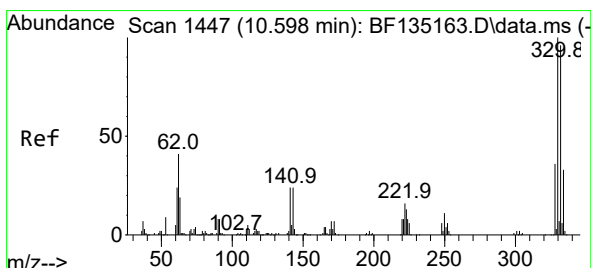
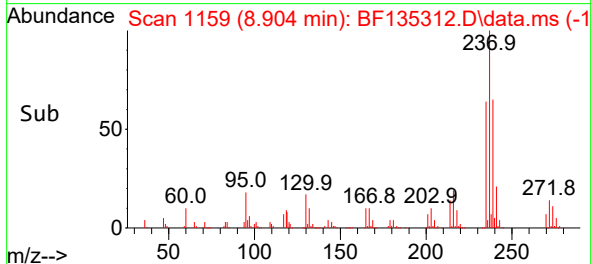
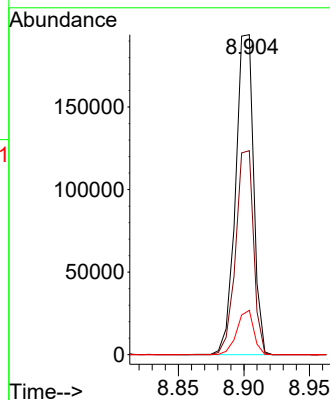
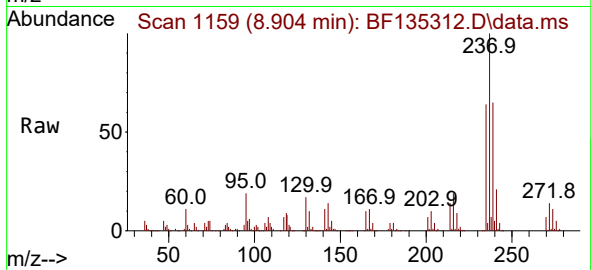




#41
Hexachlorocyclopentadiene
Concen: 68.135 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

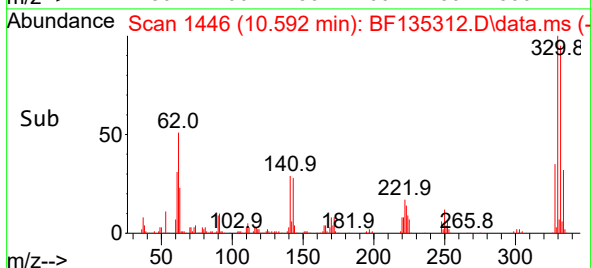
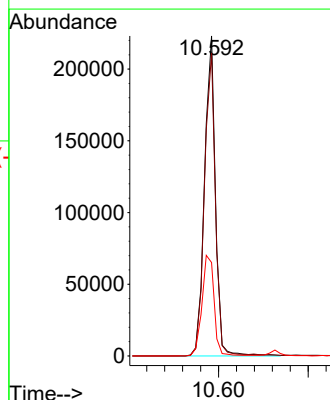
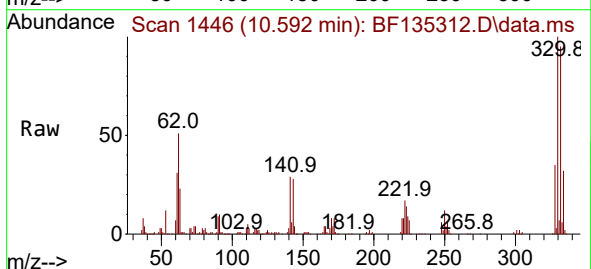
Instrument :
BNA_F
ClientSampleId :

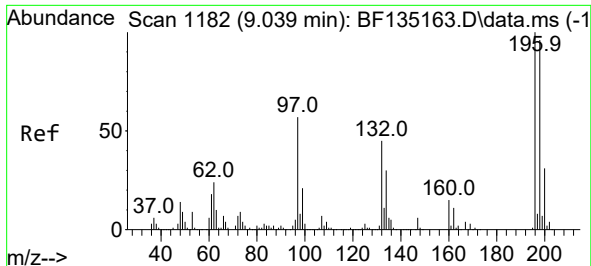
Tgt Ion: 237 Resp: 185844
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 87.129 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

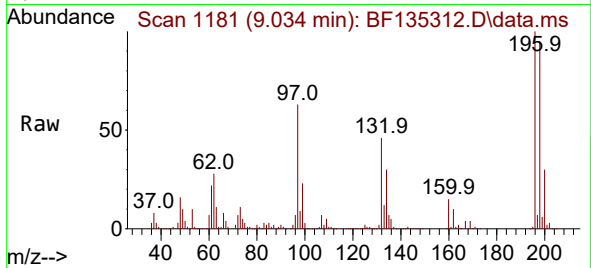
Tgt Ion: 330 Resp: 188342
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 35.1 25.8 38.8



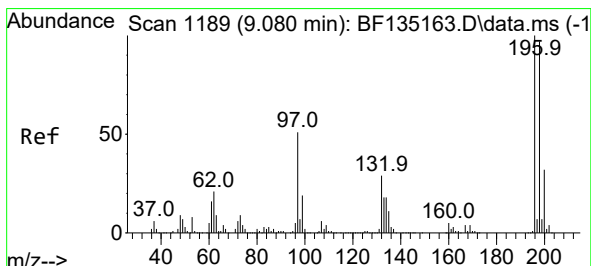
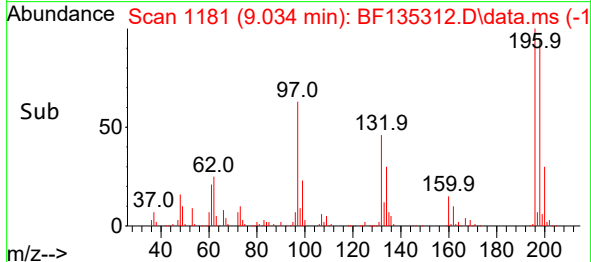
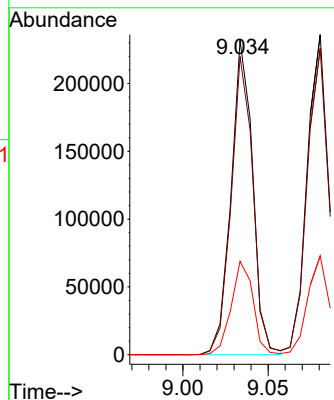


#43
2,4,6-Trichlorophenol
Concen: 49.512 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :

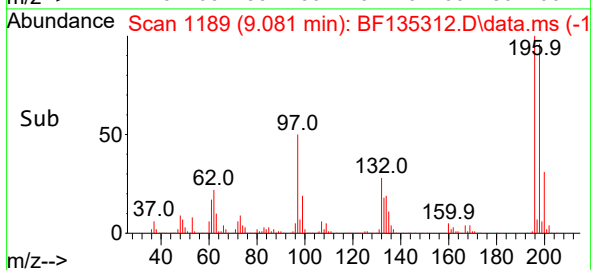
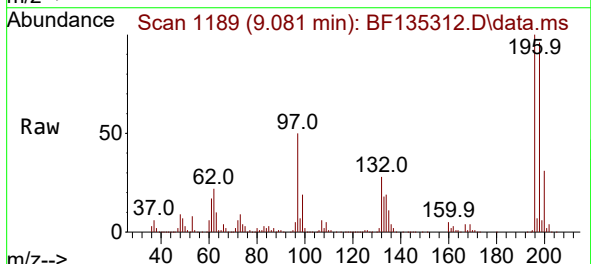
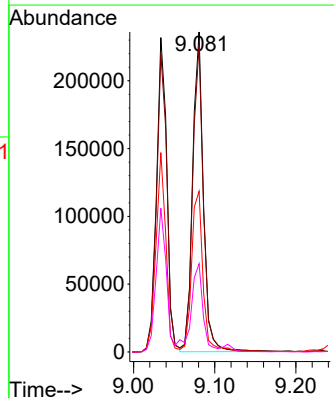


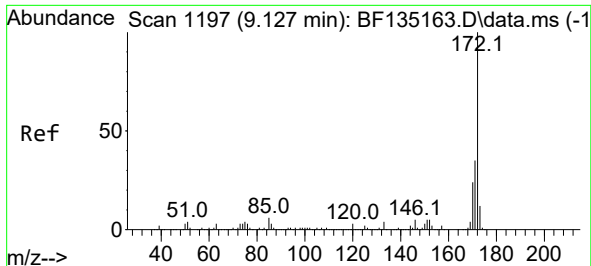
Tgt Ion:196 Resp: 204289
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.6
200 29.7 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 45.945 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:196 Resp: 218313
Ion Ratio Lower Upper
196 100
198 95.7 77.5 116.3
97 50.2 40.5 60.7
132 27.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 64.080 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

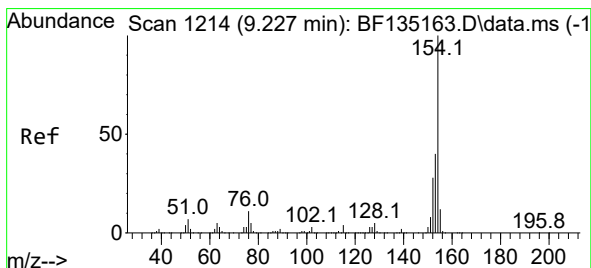
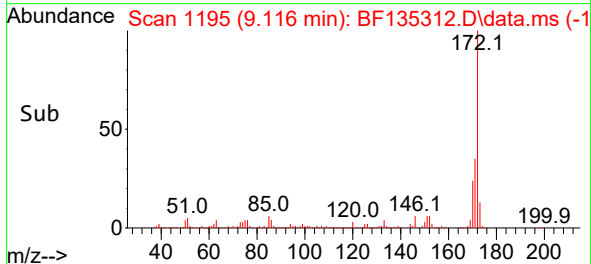
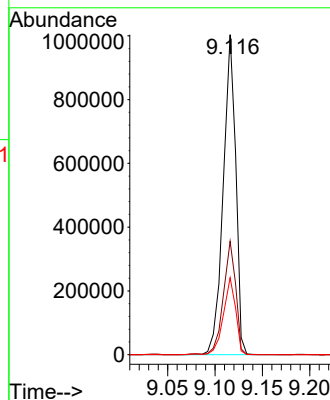
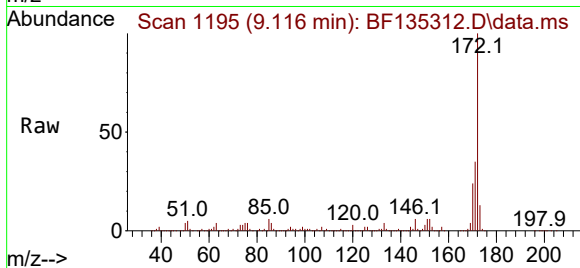
Tgt Ion:172 Resp: 923885

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.442 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

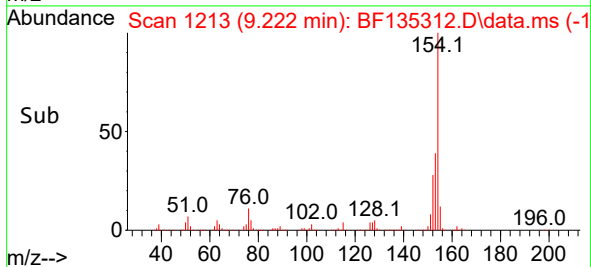
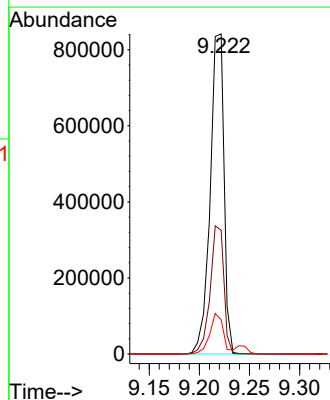
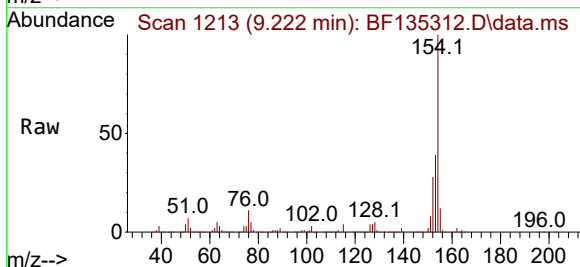
Tgt Ion:154 Resp: 809766

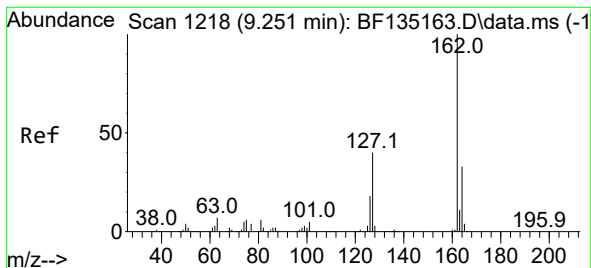
Ion Ratio Lower Upper

154 100

153 38.7 19.6 59.6

76 10.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.491 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

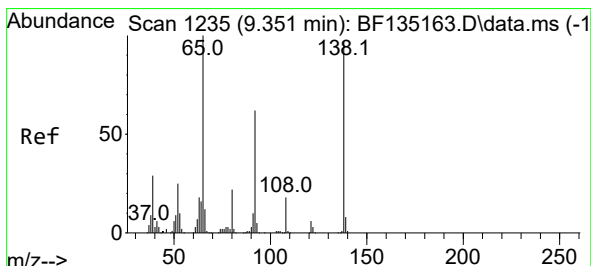
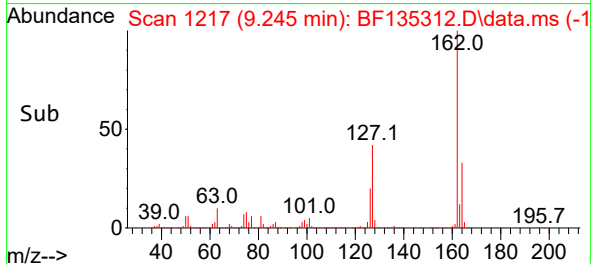
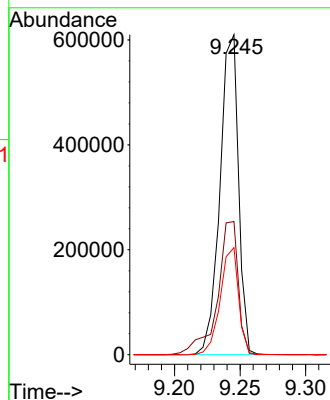
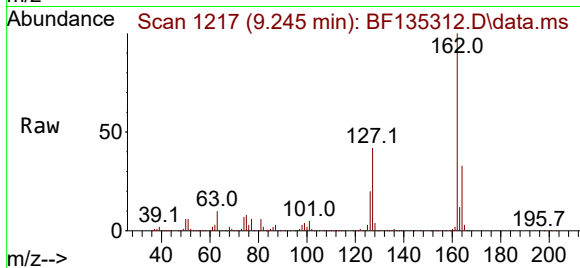
Tgt Ion:162 Resp: 600264

Ion Ratio Lower Upper

162 100

127 41.6 32.6 48.8

164 33.5 26.2 39.2



#48

2-Nitroaniline

Concen: 48.610 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

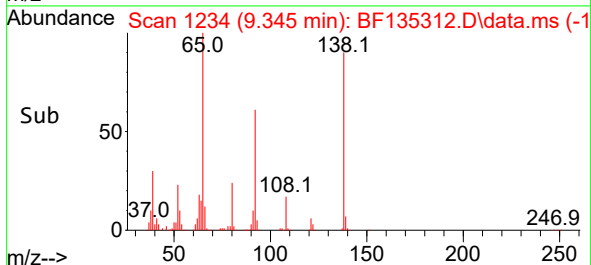
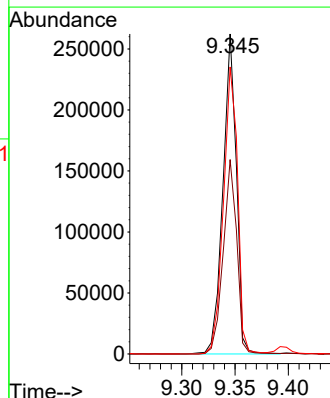
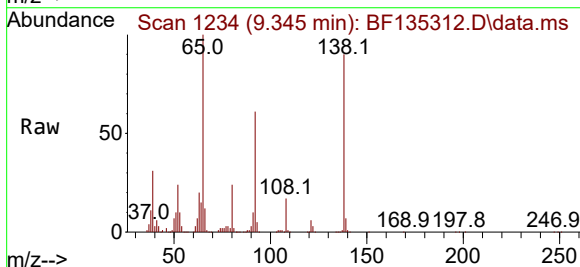
Tgt Ion: 65 Resp: 229046

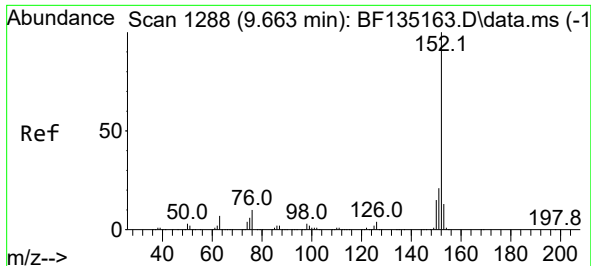
Ion Ratio Lower Upper

65 100

92 60.8 49.4 74.0

138 89.7 77.4 116.0





#49

Acenaphthylene

Concen: 48.958 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

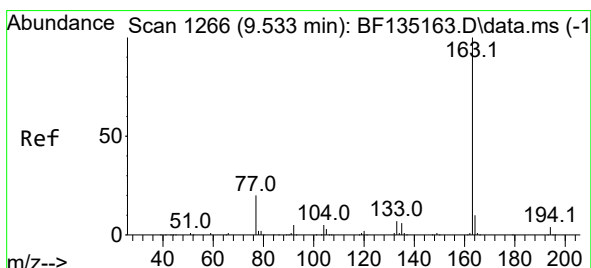
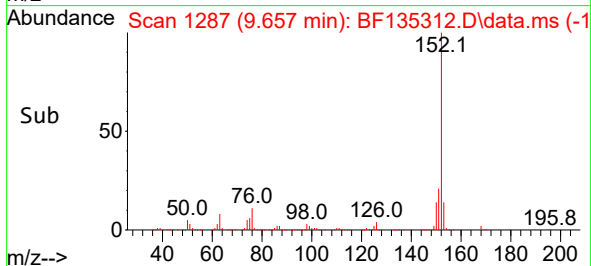
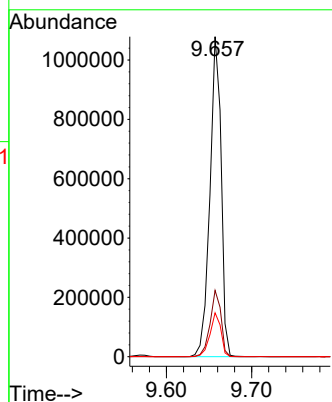
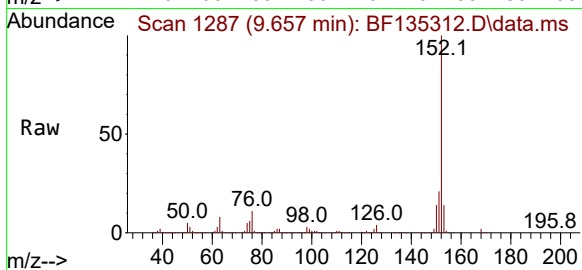
Tgt Ion:152 Resp: 986845

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.7 10.4 15.6



#50

Dimethylphthalate

Concen: 48.364 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

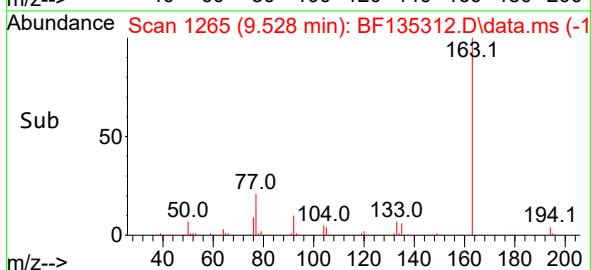
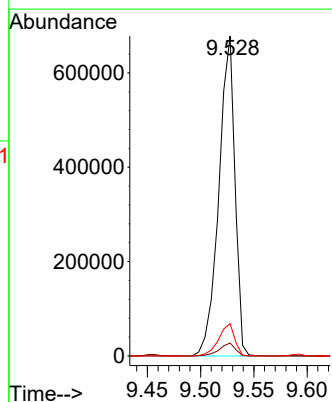
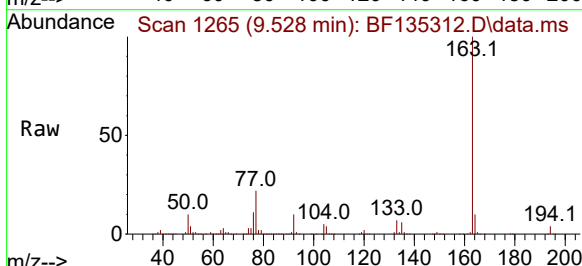
Tgt Ion:163 Resp: 711276

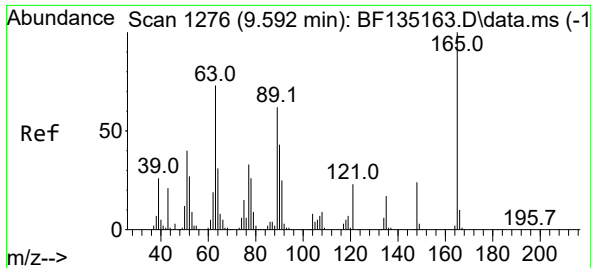
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

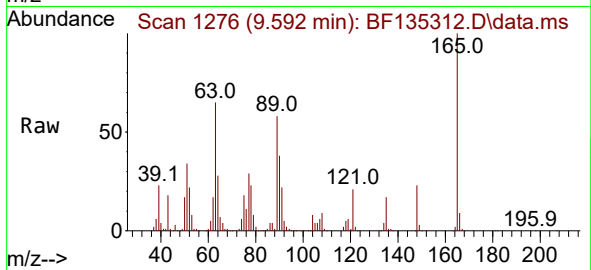
164 10.1 8.1 12.1



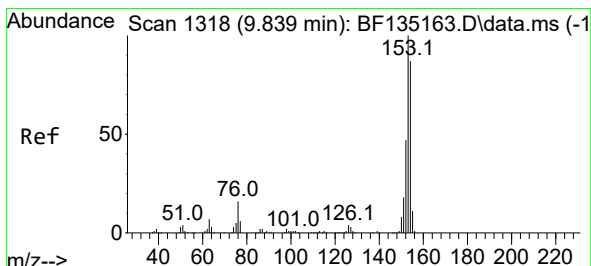
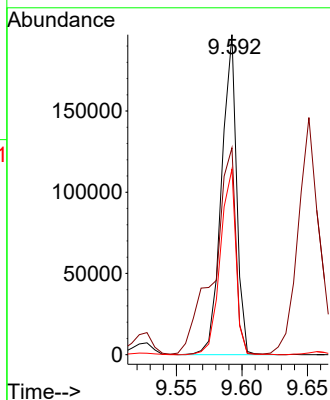
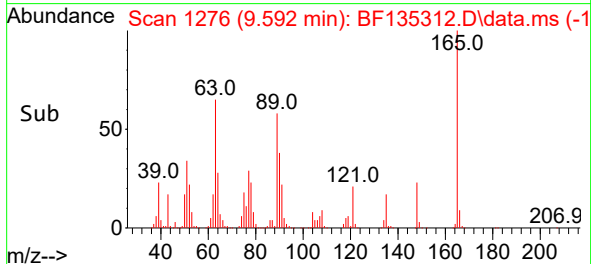


#51
2,6-Dinitrotoluene
Concen: 48.782 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

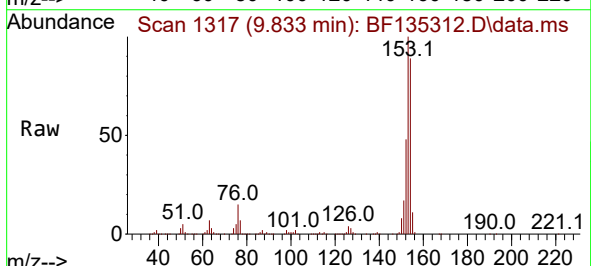
Instrument :
BNA_F
ClientSampleId :



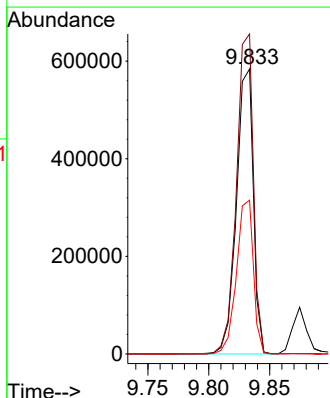
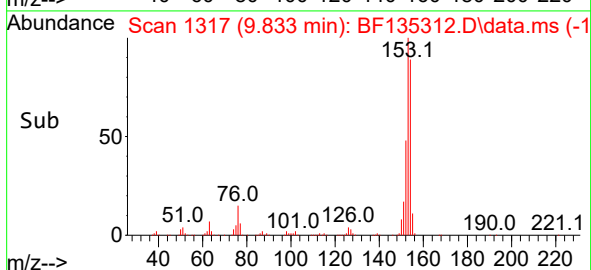
Tgt Ion:165 Resp: 157165
Ion Ratio Lower Upper
165 100
63 64.6 59.4 89.2
89 58.0 49.8 74.8

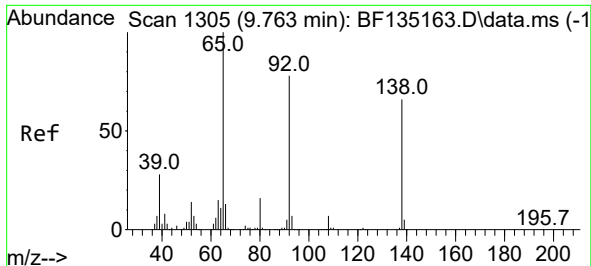


#52
Acenaphthene
Concen: 47.296 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



Tgt Ion:154 Resp: 563186
Ion Ratio Lower Upper
154 100
153 112.3 92.1 138.1
152 53.9 43.1 64.7

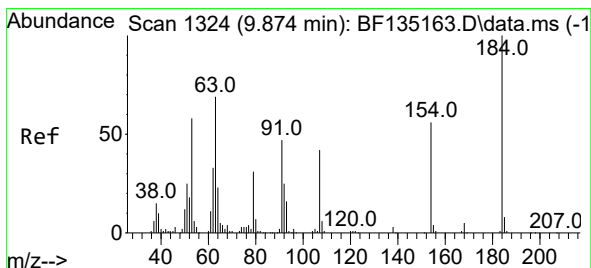
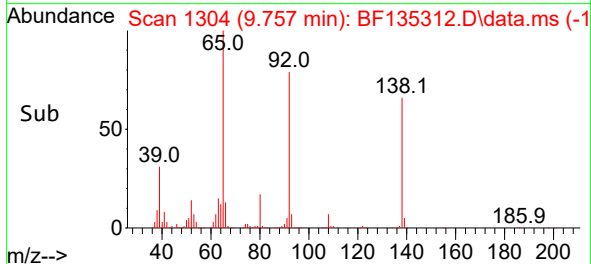
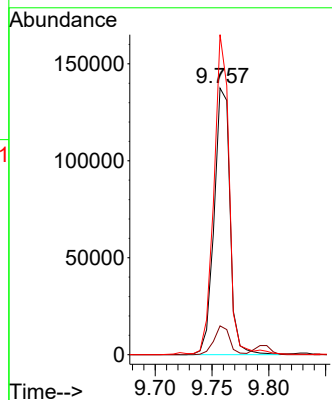
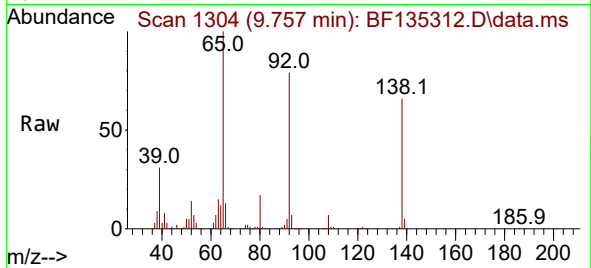




#53
3-Nitroaniline
Concen: 35.415 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

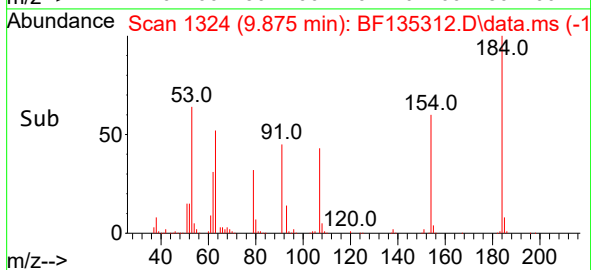
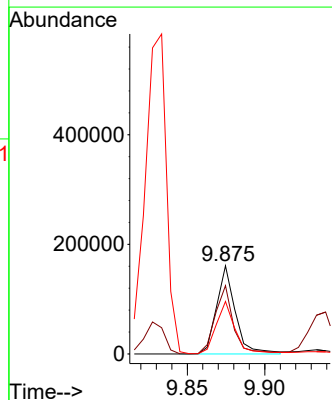
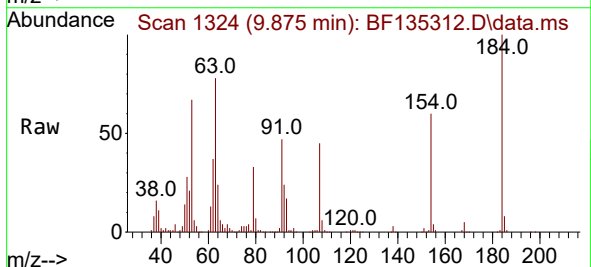
Instrument :
BNA_F
ClientSampleId :

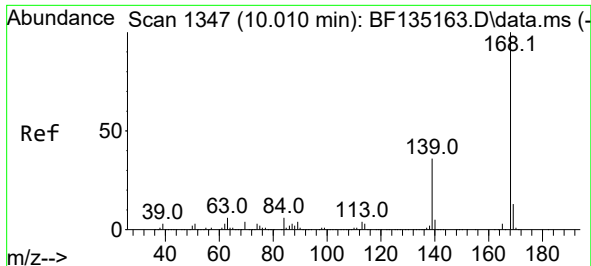
Tgt Ion:138 Resp: 133934
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 120.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 74.472 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:184 Resp: 135351
Ion Ratio Lower Upper
184 100
63 77.6 55.1 82.7
154 59.5 48.4 72.6

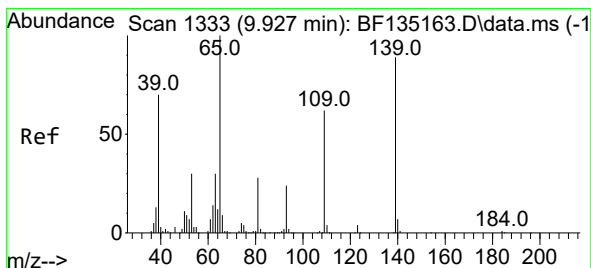
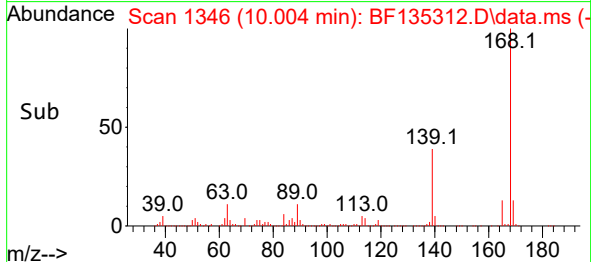
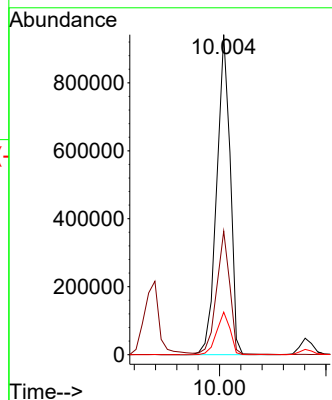
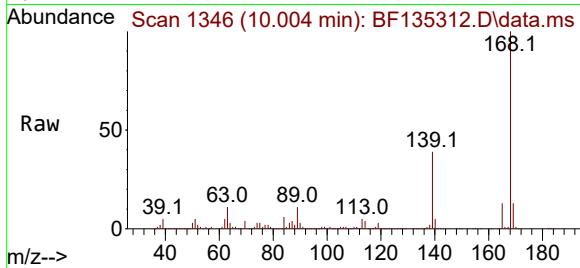




#55
Dibenzenofuran
Concen: 45.338 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

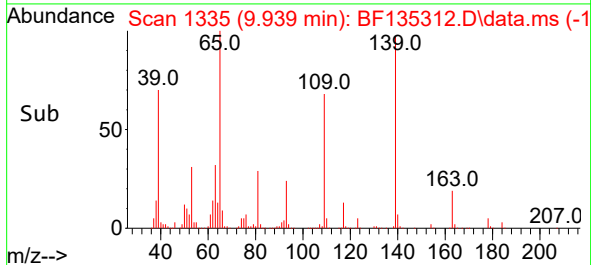
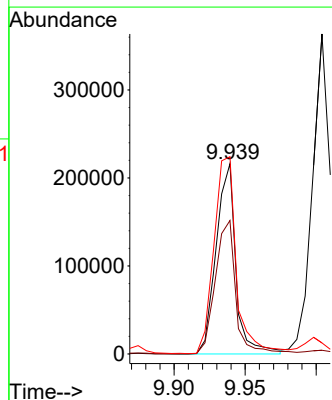
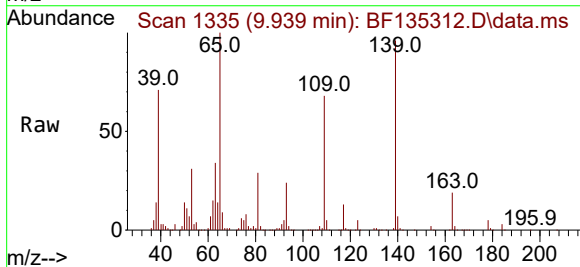
Instrument :
BNA_F
ClientSampleId :

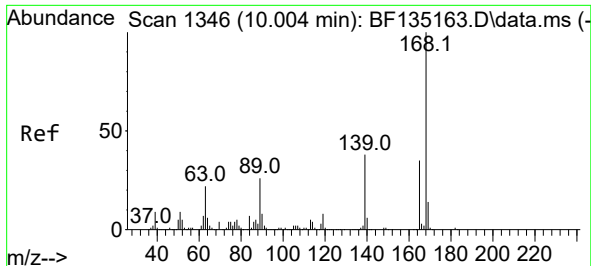
Tgt Ion:168 Resp: 823822
Ion Ratio Lower Upper
168 100
139 38.6 29.0 43.6
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 87.088 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

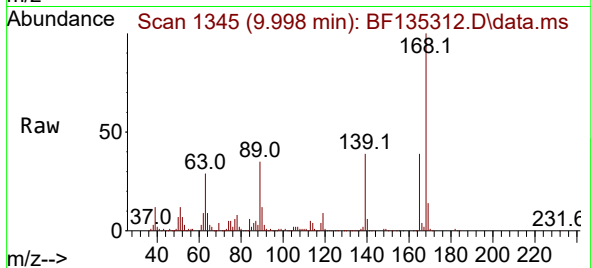
Tgt Ion:139 Resp: 209319
Ion Ratio Lower Upper
139 100
109 70.1 49.8 89.8
65 103.7 92.7 132.7



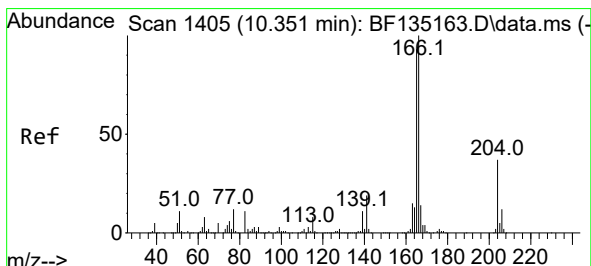
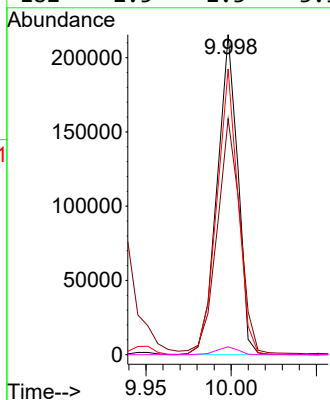
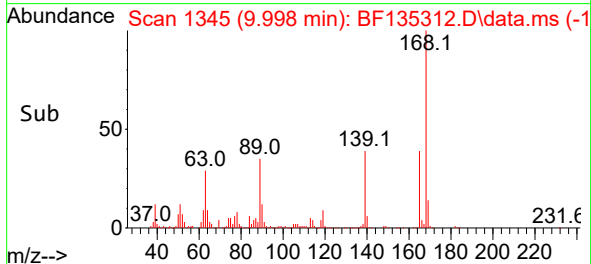


#57
2,4-Dinitrotoluene
Concen: 45.257 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

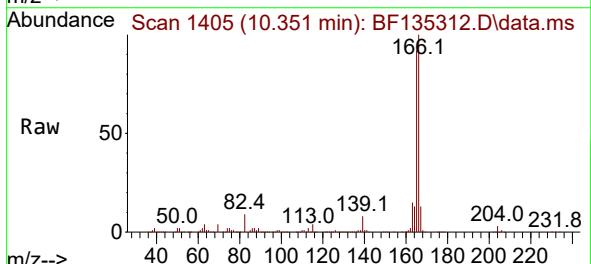
Instrument :
BNA_F
ClientSampleId :



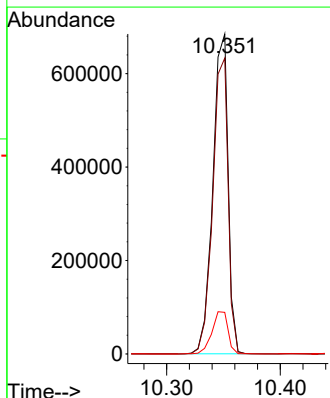
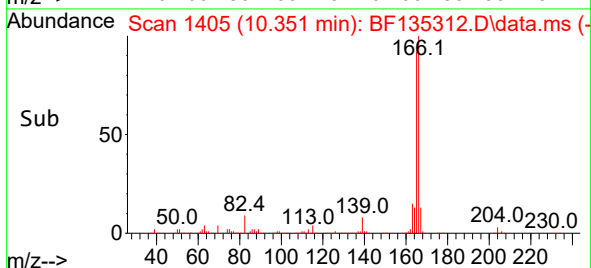
Tgt Ion:165 Resp: 182537
Ion Ratio Lower Upper
165 100
63 73.7 50.1 75.1
89 89.3 59.3 88.9#
182 2.5 2.3 3.5

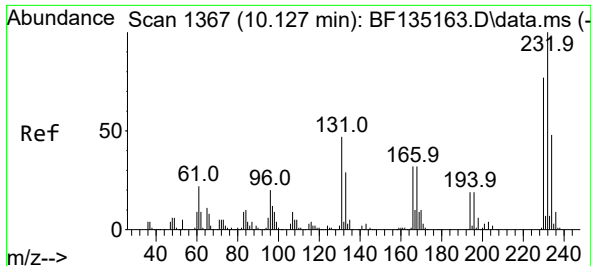


#58
Fluorene
Concen: 45.862 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



Tgt Ion:166 Resp: 640644
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.0 10.9 16.3

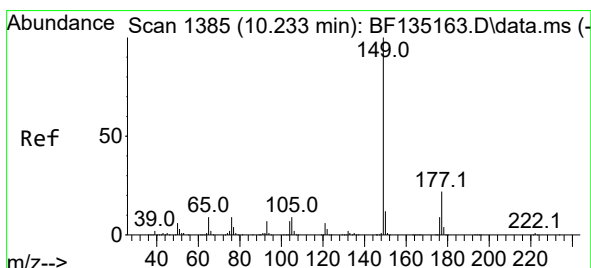
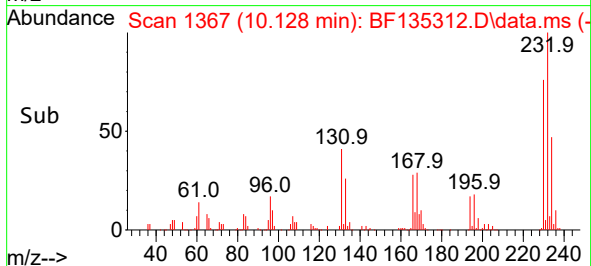
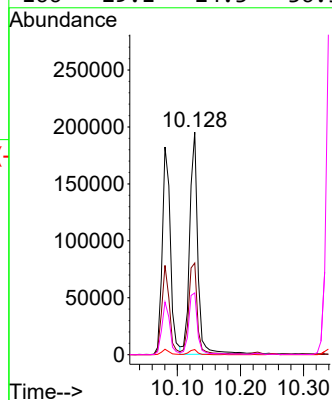
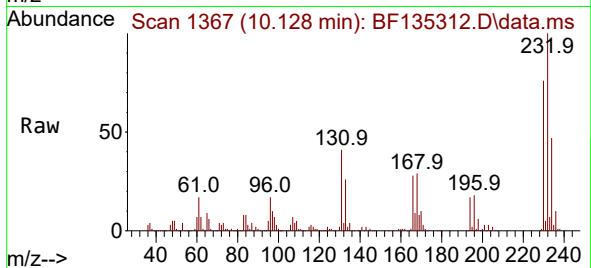




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.078 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

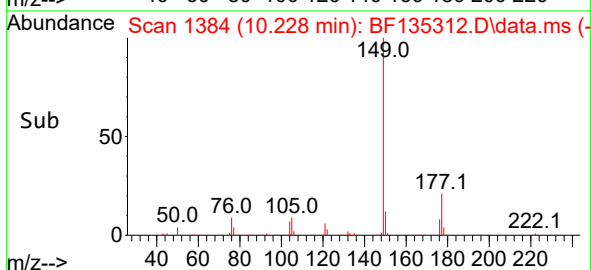
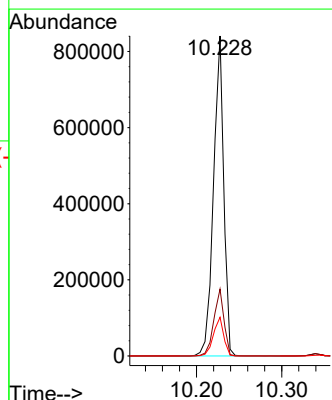
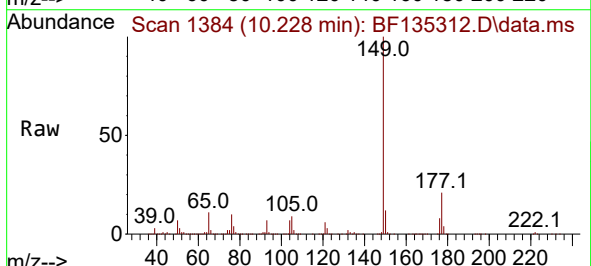
Instrument :
BNA_F
ClientSampleId :

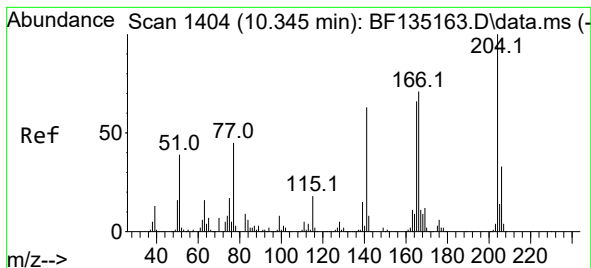
Tgt Ion:232 Resp: 175732
Ion Ratio Lower Upper
232 100
131 43.1 35.4 53.2
130 2.4 1.8 2.8
166 29.1 24.3 36.5



#60
Diethylphthalate
Concen: 47.577 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:149 Resp: 702209
Ion Ratio Lower Upper
149 100
177 20.9 17.8 26.6
150 12.1 10.0 15.0

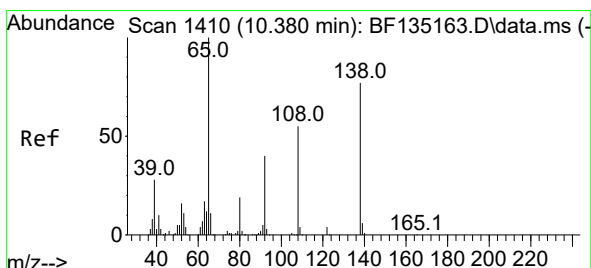
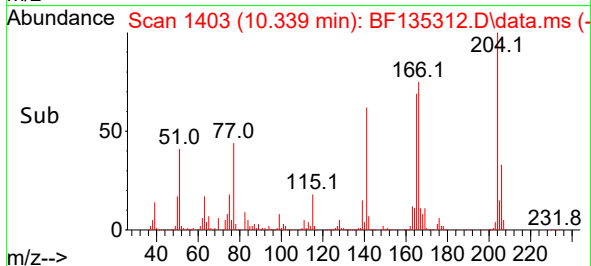
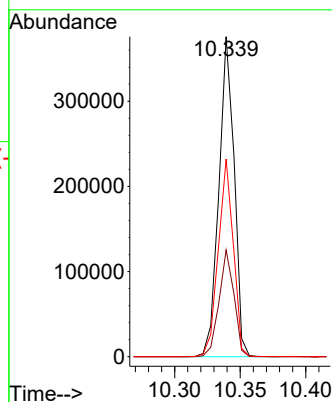
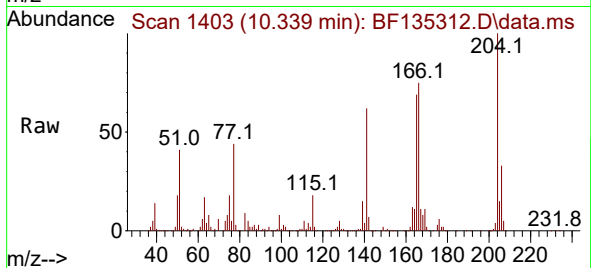




#61
4-Chlorophenyl-phenylether
Concen: 45.267 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

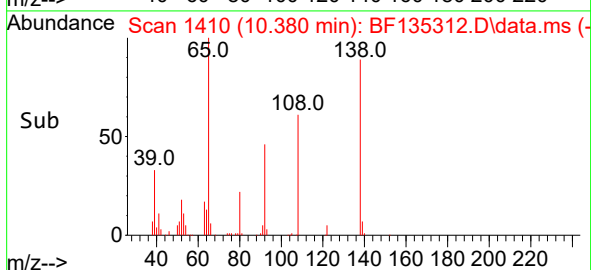
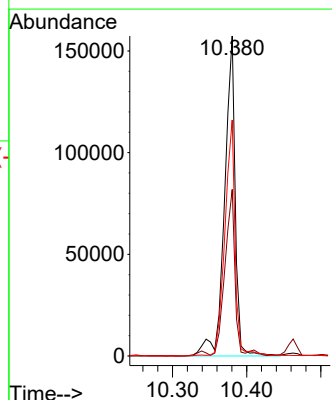
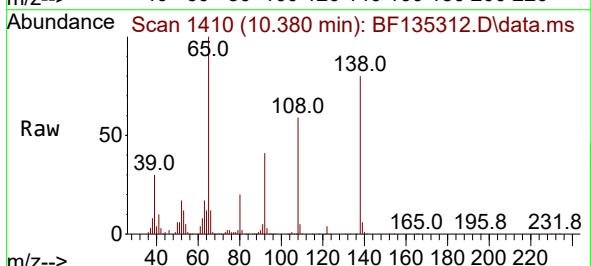
Instrument :
BNA_F
ClientSampleId :

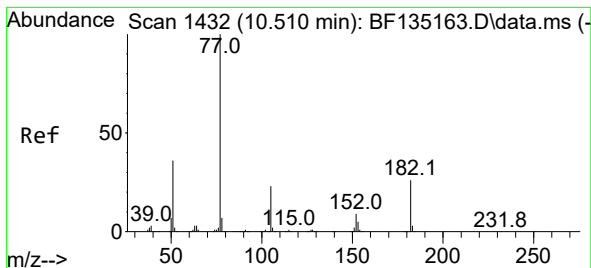
Tgt Ion:204 Resp: 303755
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 61.8 50.6 75.8



#62
4-Nitroaniline
Concen: 43.444 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:138 Resp: 157928
Ion Ratio Lower Upper
138 100
92 52.0 31.8 71.8
108 73.8 52.0 92.0





#63

Azobenzene

Concen: 47.136 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 680884

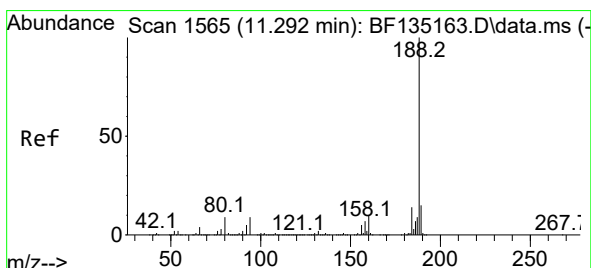
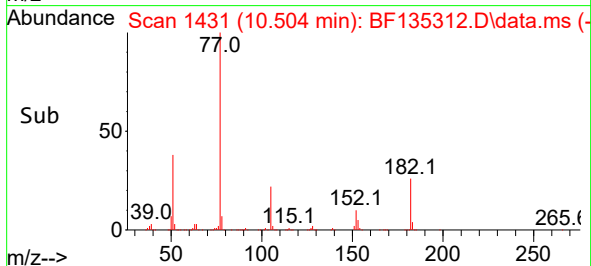
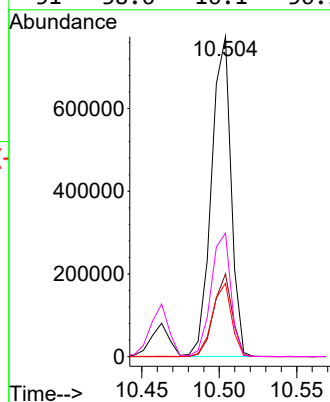
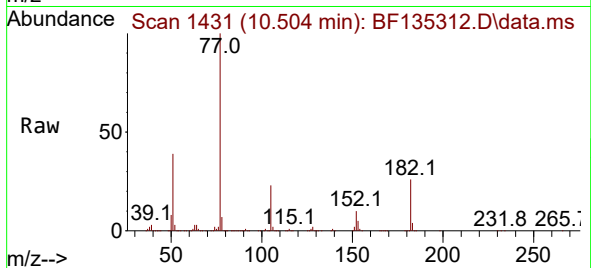
Ion Ratio Lower Upper

77 100

182 25.9 6.4 46.4

105 23.0 3.1 43.1

51 38.6 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

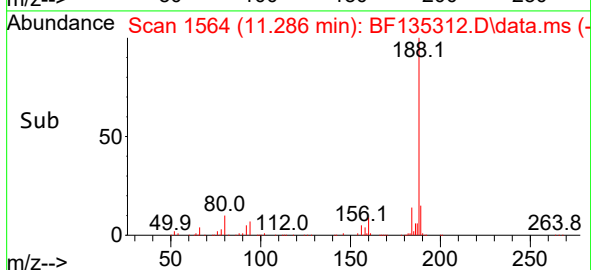
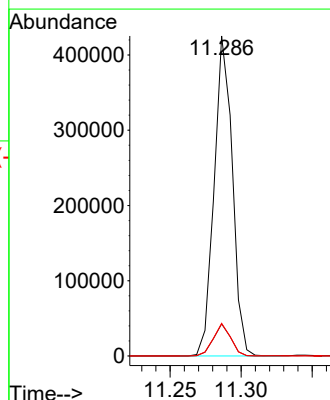
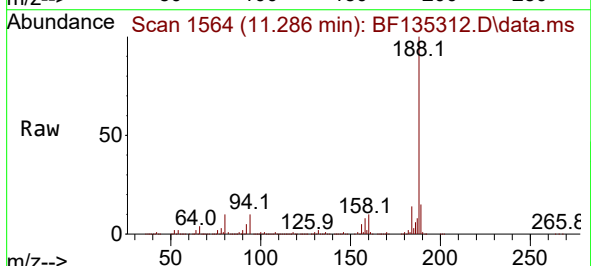
Tgt Ion:188 Resp: 378088

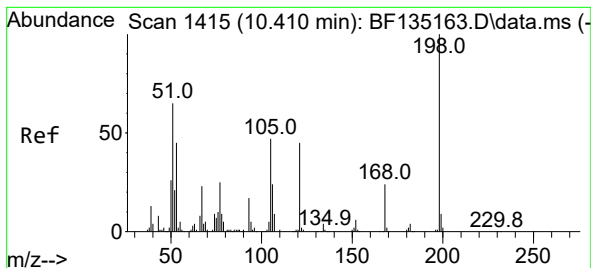
Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.2 7.5 11.3

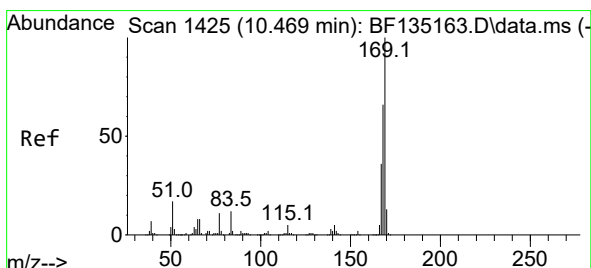
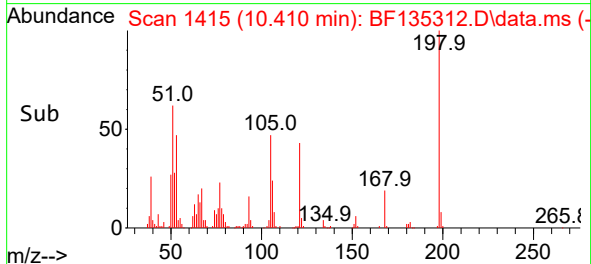
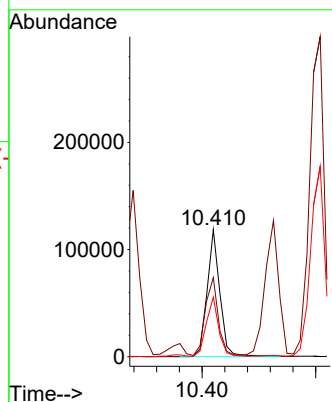
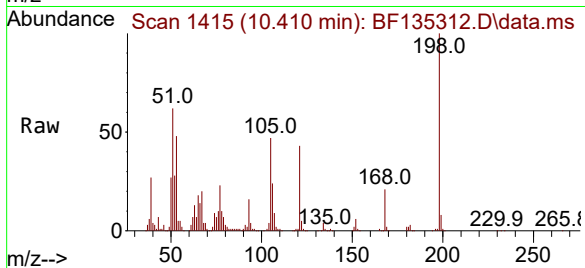




#65
4,6-Dinitro-2-methylphenol
Concen: 45.743 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

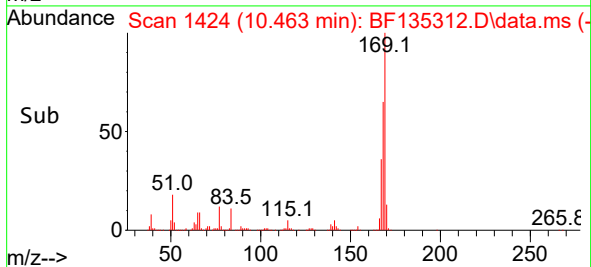
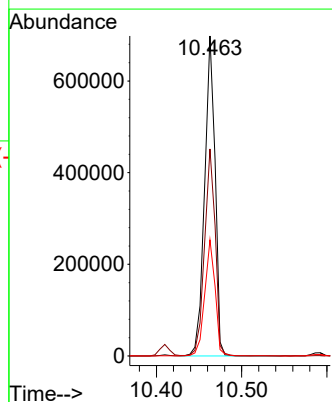
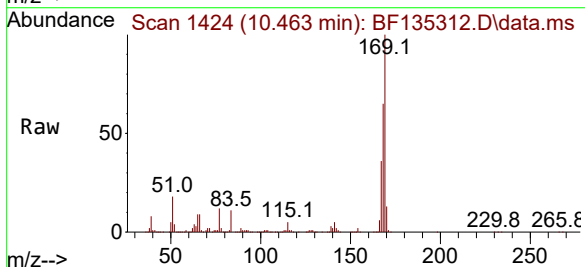
Instrument :
BNA_F
ClientSampleId :

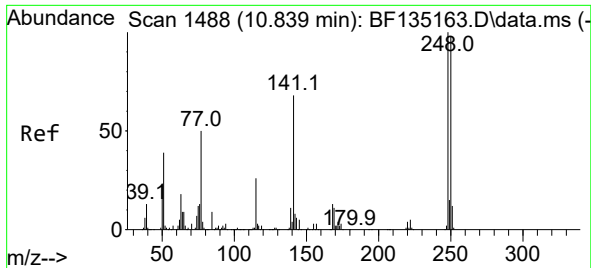
Tgt Ion:198 Resp: 91859
Ion Ratio Lower Upper
198 100
51 62.3 47.7 87.7
105 46.8 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 52.000 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

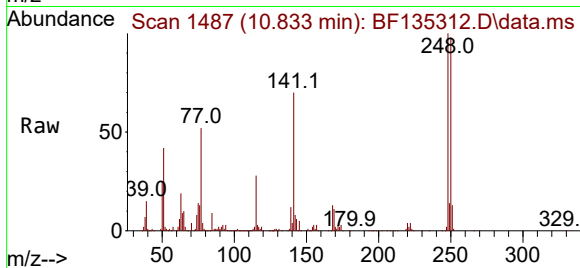
Tgt Ion:169 Resp: 595216
Ion Ratio Lower Upper
169 100
168 64.7 52.8 79.2
167 36.3 29.0 43.6



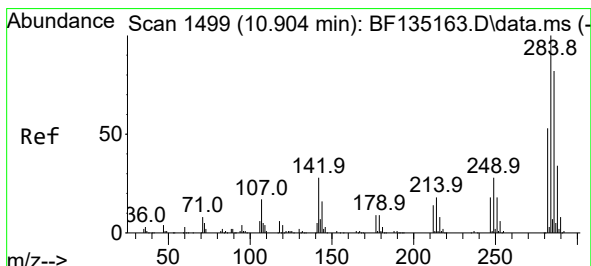
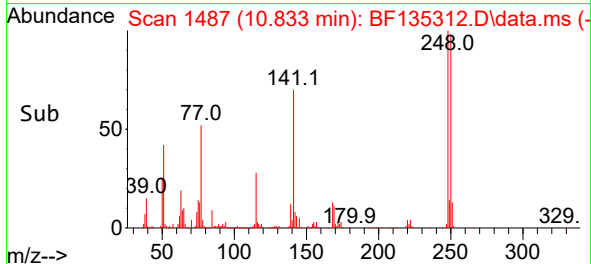
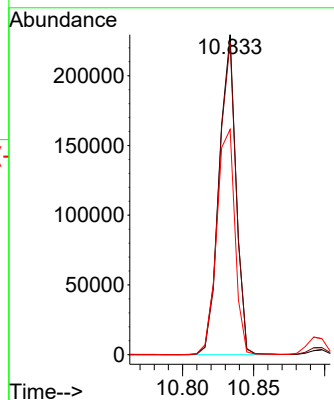


#67
4-Bromophenyl-phenylether
Concen: 50.458 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :

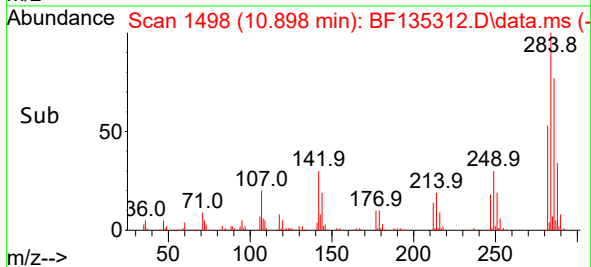
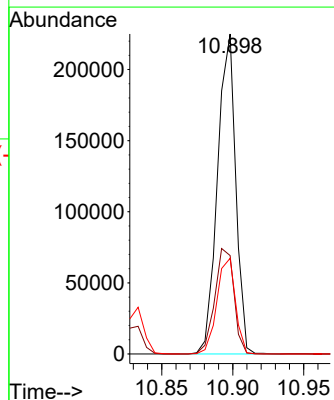
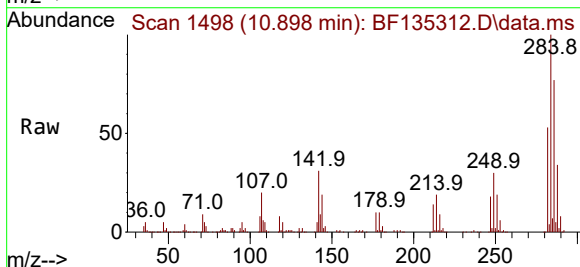


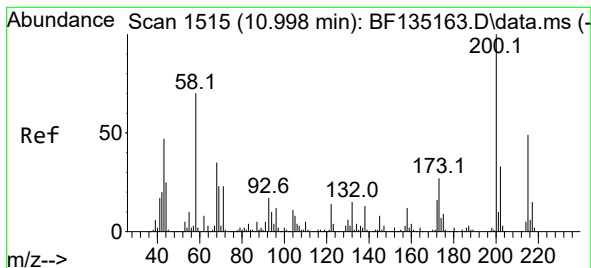
Tgt Ion:248 Resp: 189741
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 70.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 52.319 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:284 Resp: 200433
Ion Ratio Lower Upper
284 100
142 30.7 22.2 33.4
249 29.9 22.5 33.7





#69

Atrazine

Concen: 57.074 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

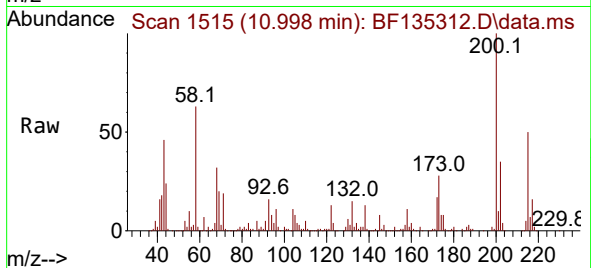
Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :



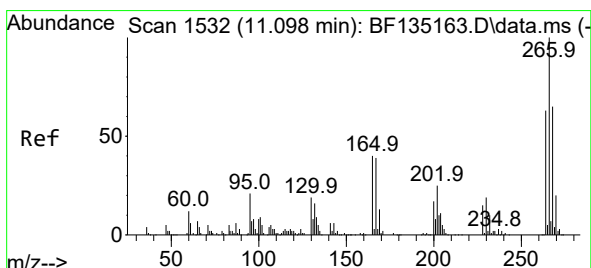
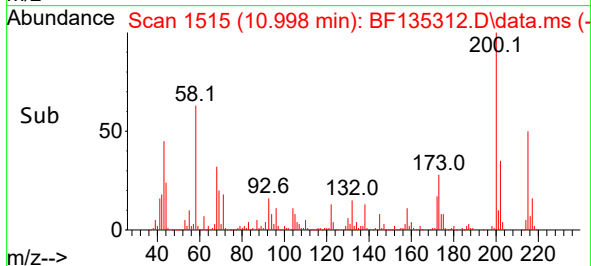
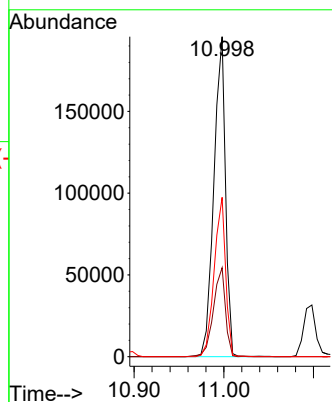
Tgt Ion:200 Resp: 175784

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 49.8 28.6 68.6



#70

Pentachlorophenol

Concen: 79.678 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

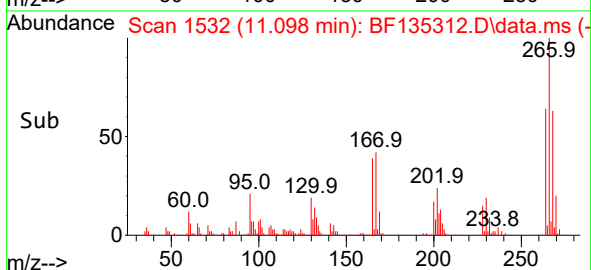
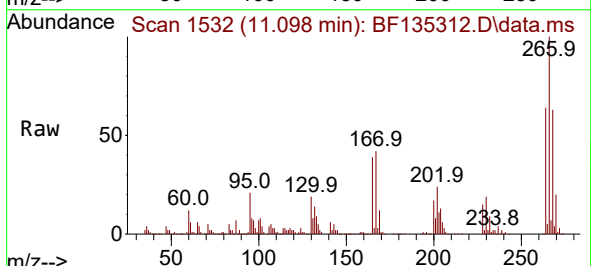
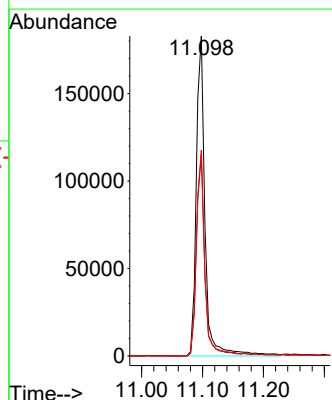
Tgt Ion:266 Resp: 182625

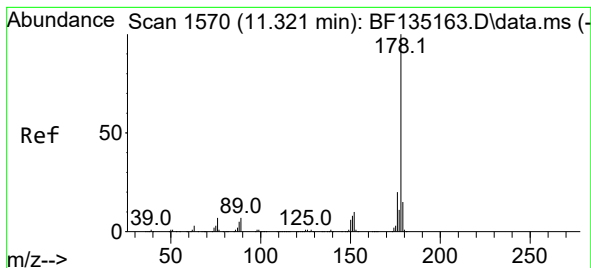
Ion Ratio Lower Upper

266 100

268 63.0 52.1 78.1

264 64.3 50.8 76.2





#71

Phenanthrene

Concen: 49.044 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

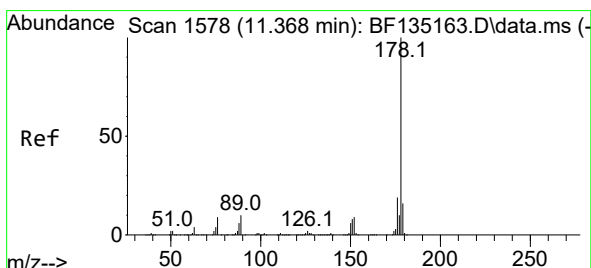
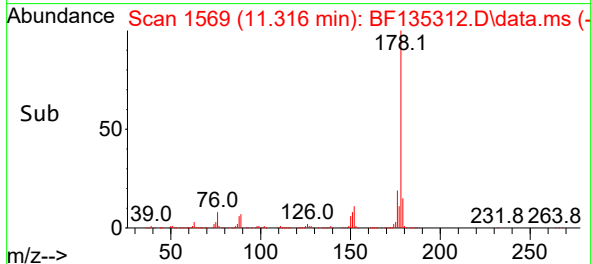
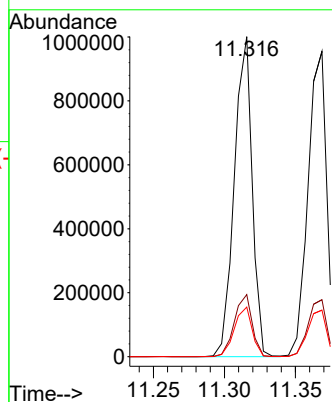
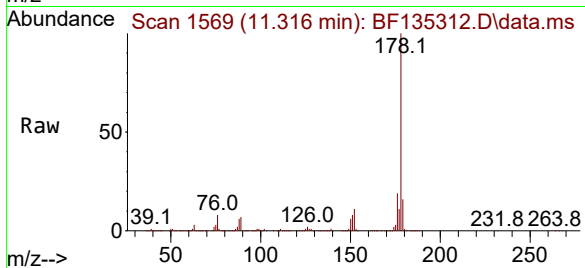
Tgt Ion:178 Resp: 877009

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.5 12.0 18.0



#72

Anthracene

Concen: 47.747 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

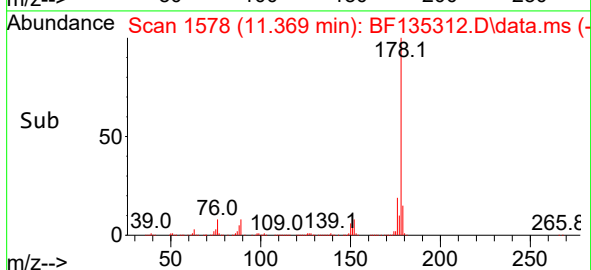
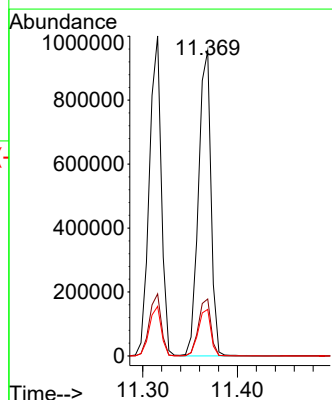
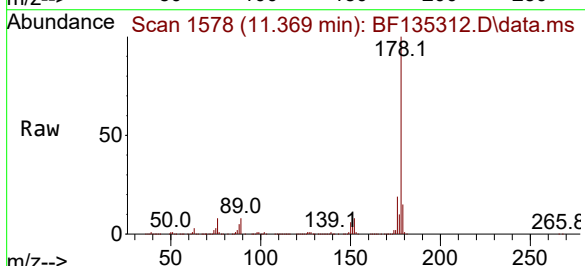
Tgt Ion:178 Resp: 877621

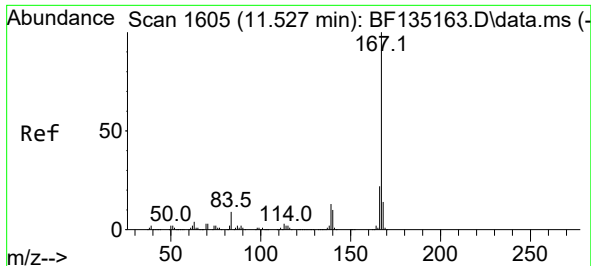
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.2 12.6 19.0

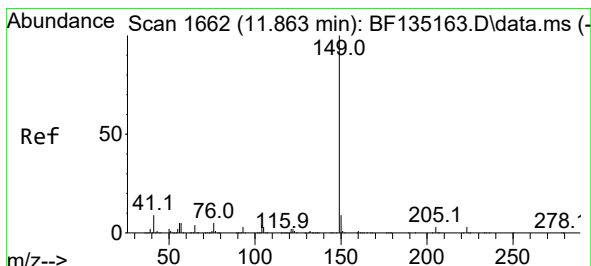
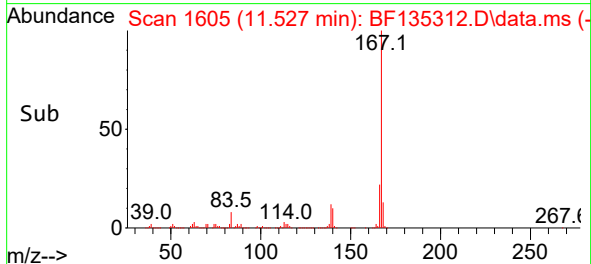
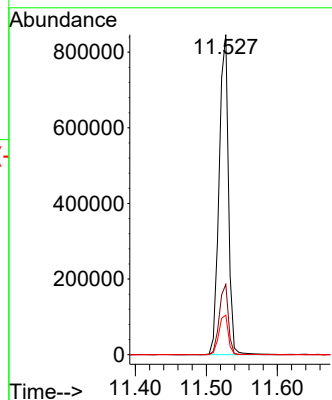
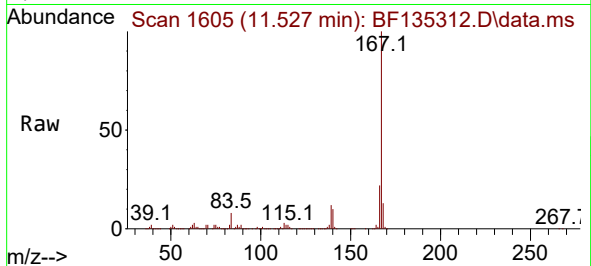




#73
 Carbazole
 Concen: 45.908 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

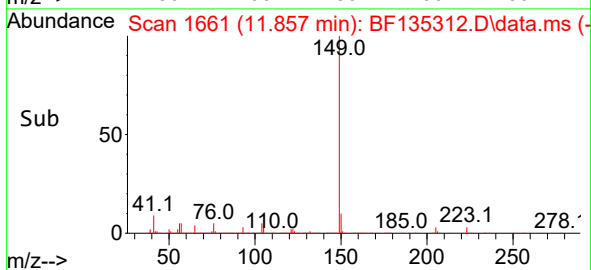
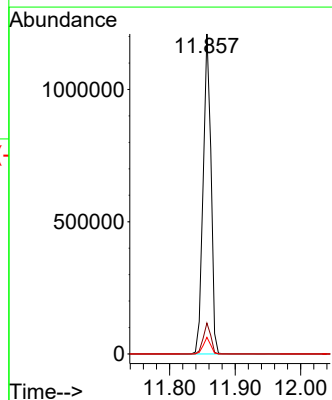
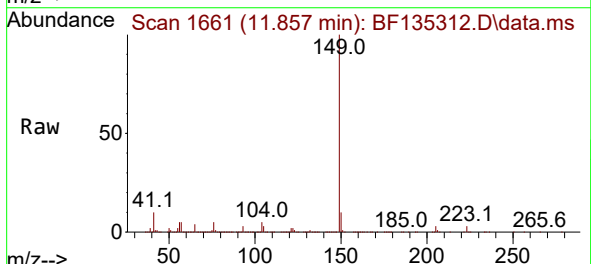
Instrument :
 BNA_F
 ClientSampleId :

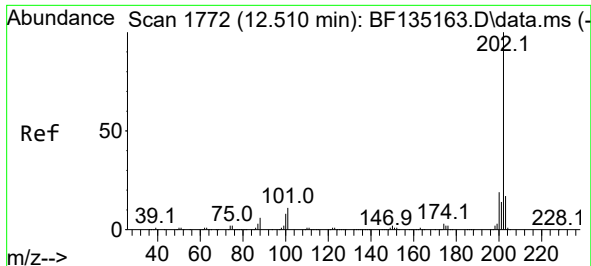
Tgt Ion:167 Resp: 768151
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.4 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 50.912 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

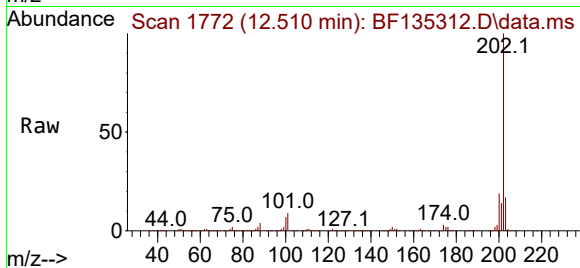
Tgt Ion:149 Resp: 1003807
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 5.2 3.6 5.4



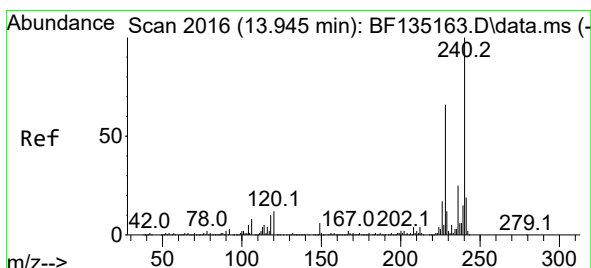
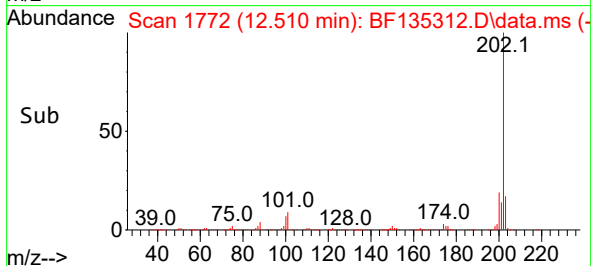
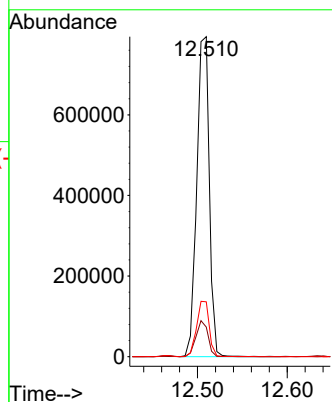


#75
Fluoranthene
Concen: 41.333 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :

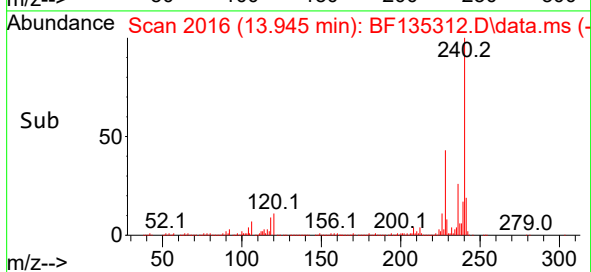
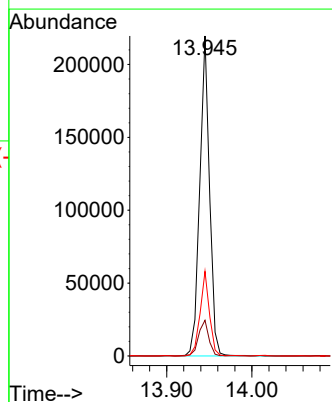
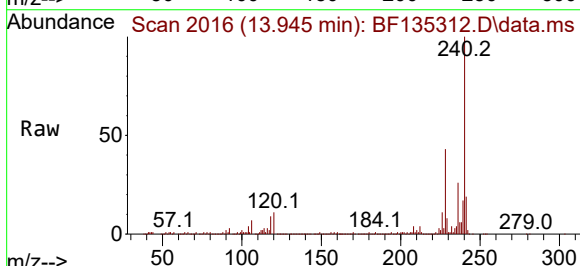


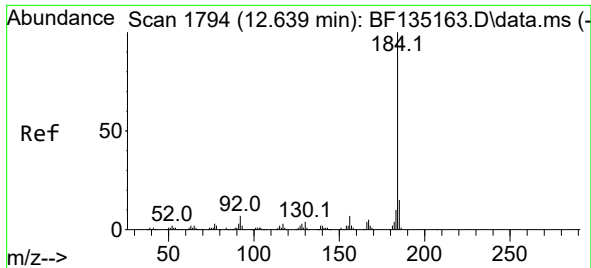
Tgt Ion:202 Resp: 770150
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.3
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

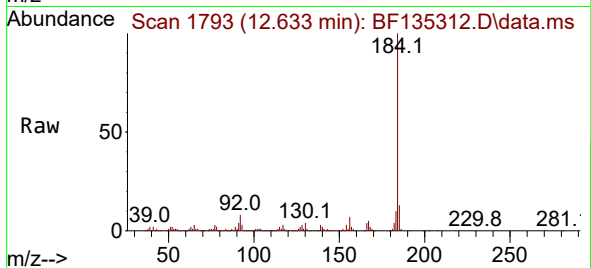
Tgt Ion:240 Resp: 175572
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.5 19.8 29.8



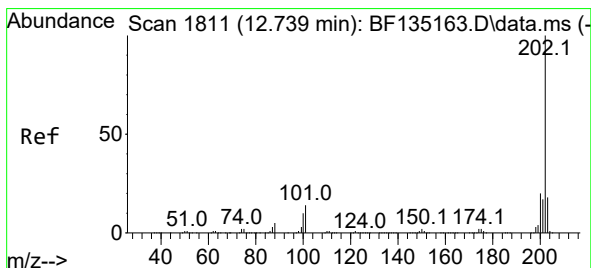
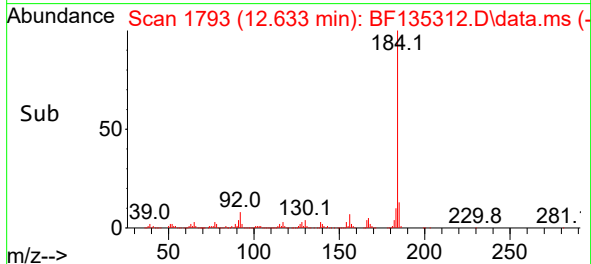
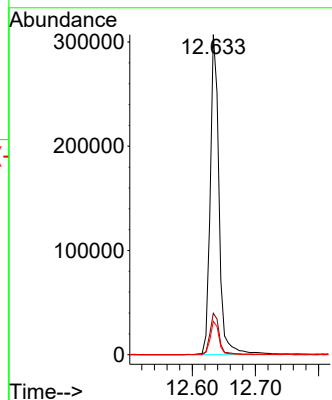


#77
Benzidine
Concen: 82.770 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :

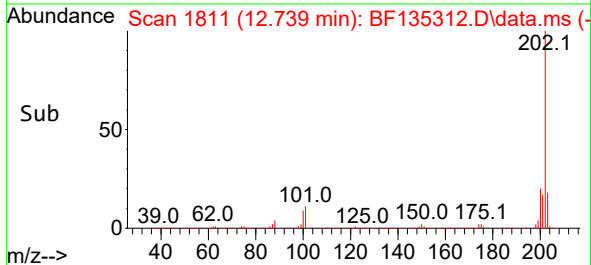
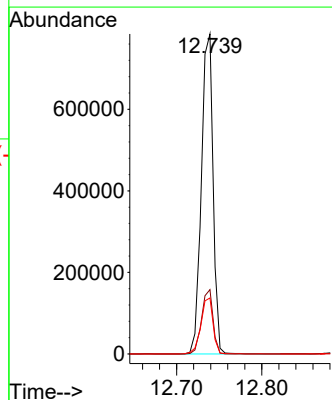
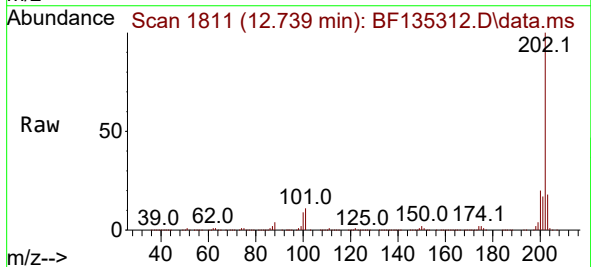


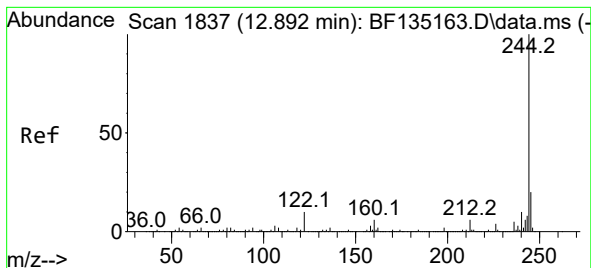
Tgt Ion:184 Resp: 297716
Ion Ratio Lower Upper
184 100
185 12.9 11.7 17.5
183 10.5 8.2 12.4



#78
Pyrene
Concen: 44.823 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:202 Resp: 749249
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 56.894 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

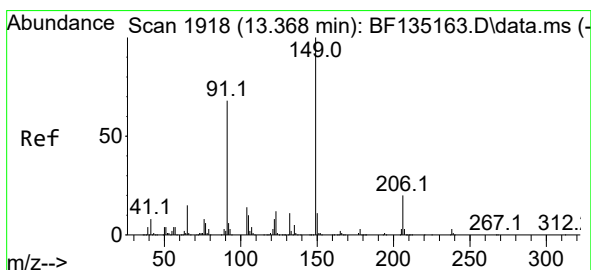
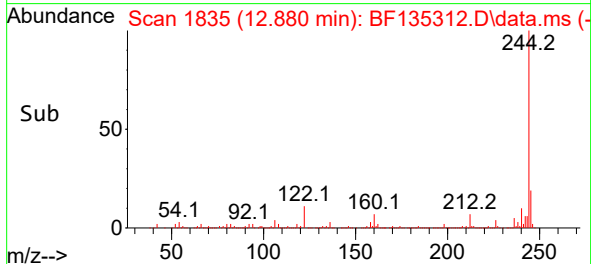
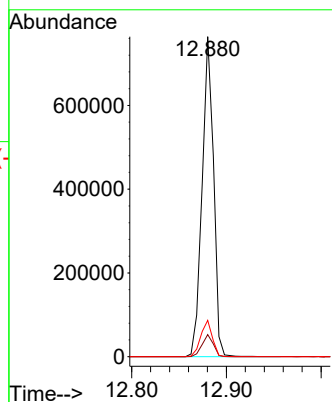
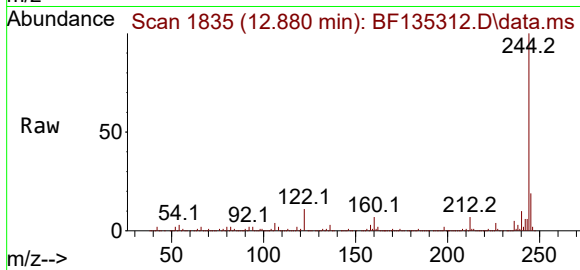
Tgt Ion:244 Resp: 644376

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.3 7.9 11.9



#80

Butylbenzylphthalate

Concen: 48.964 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

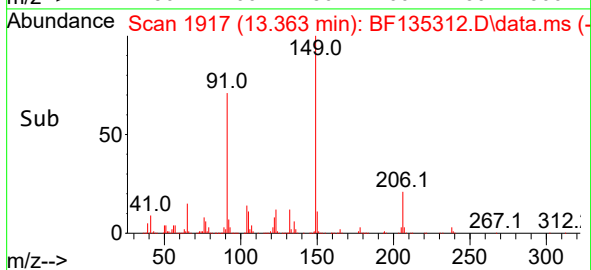
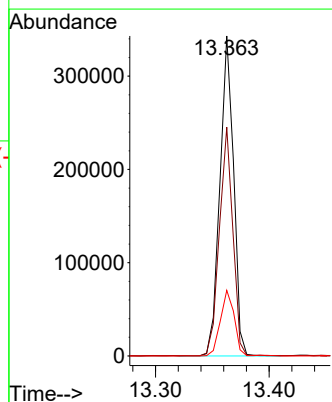
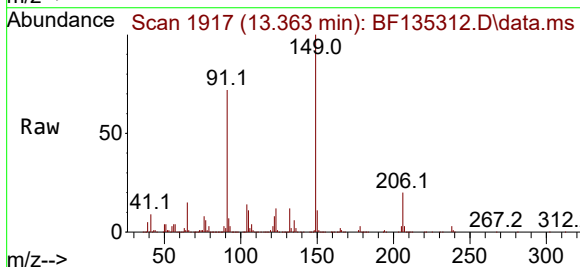
Tgt Ion:149 Resp: 288170

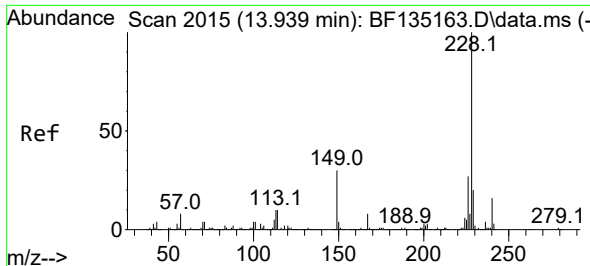
Ion Ratio Lower Upper

149 100

91 71.5 54.7 82.1

206 20.5 16.3 24.5

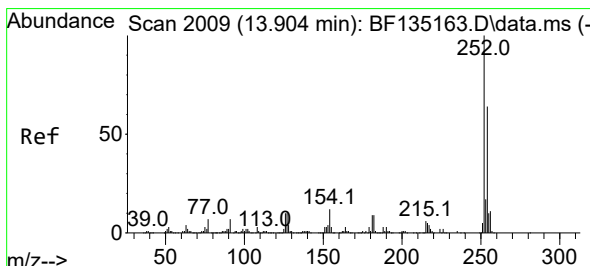
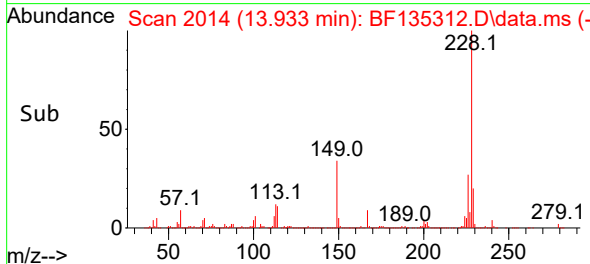
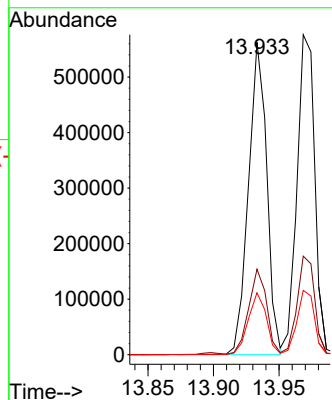
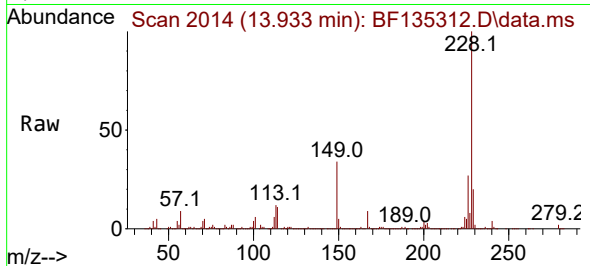




#81
Benzo(a)anthracene
Concen: 48.224 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

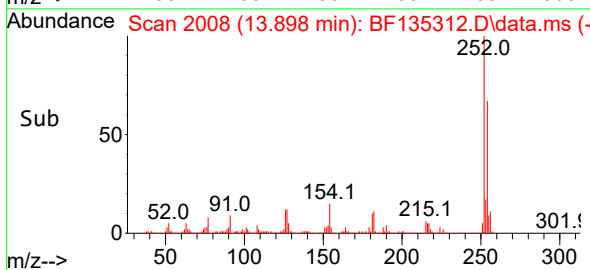
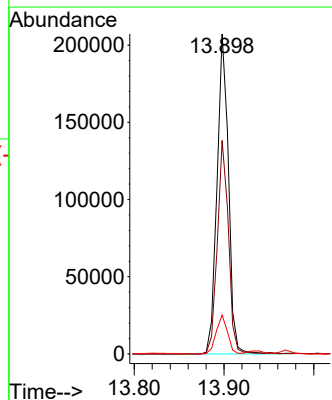
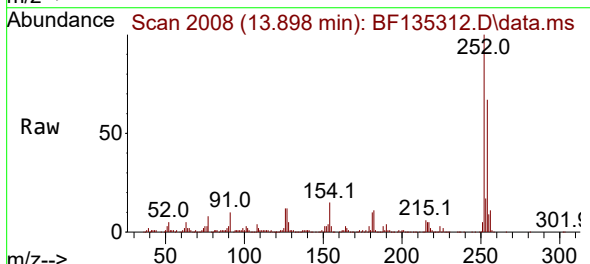
Instrument :
BNA_F
ClientSampleId :

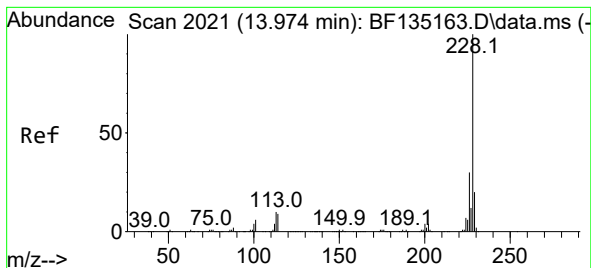
Tgt Ion:228 Resp: 546728
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 51.745 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:252 Resp: 183239
Ion Ratio Lower Upper
252 100
254 66.7 51.0 76.4
126 12.1 7.8 11.8





#83

Chrysene

Concen: 48.220 ng

RT: 13.968 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

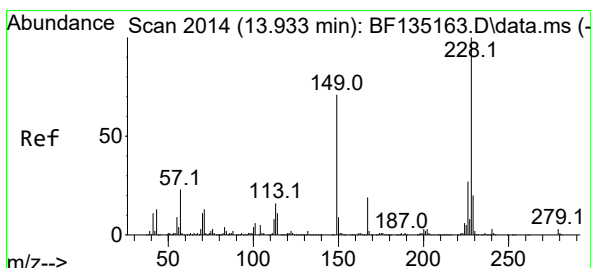
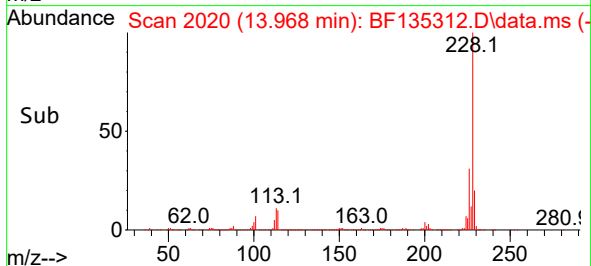
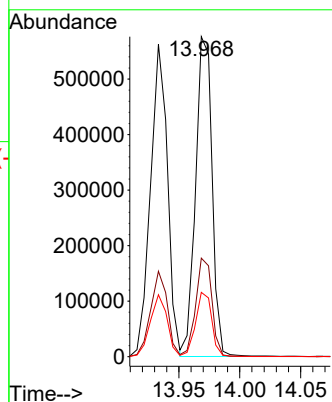
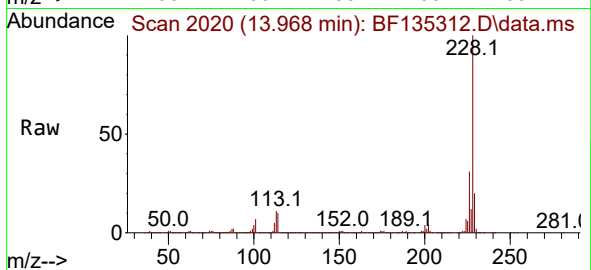
Tgt Ion:228 Resp: 543524

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.482 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

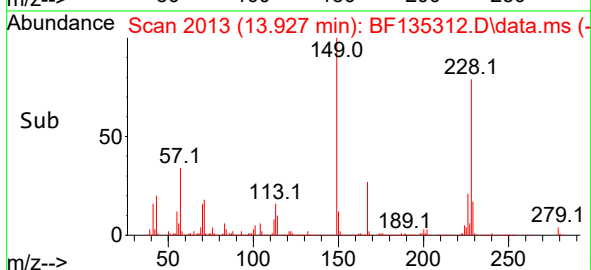
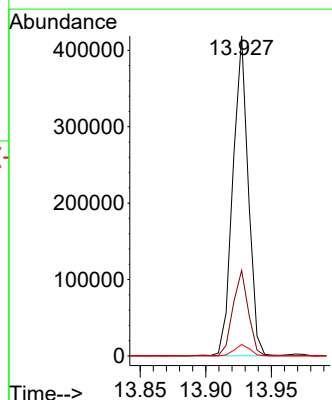
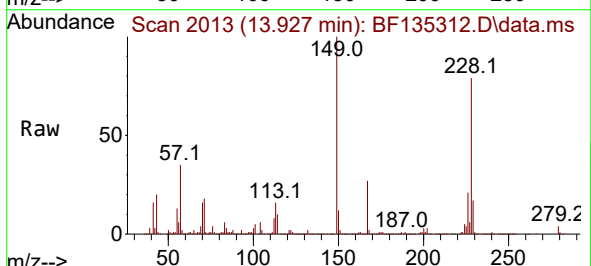
Tgt Ion:149 Resp: 341119

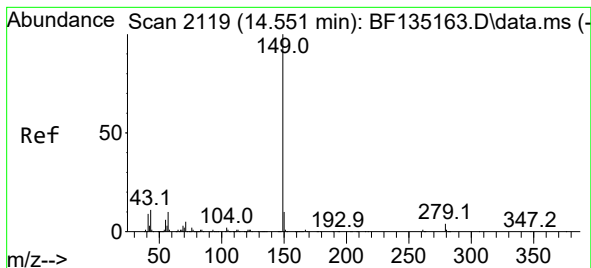
Ion Ratio Lower Upper

149 100

167 26.8 21.9 32.9

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.526 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

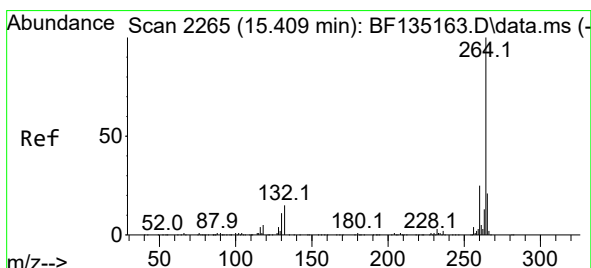
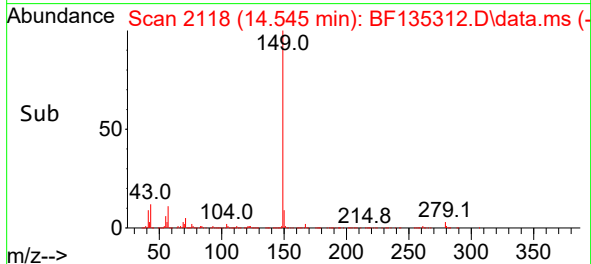
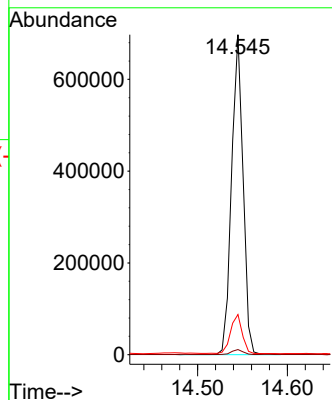
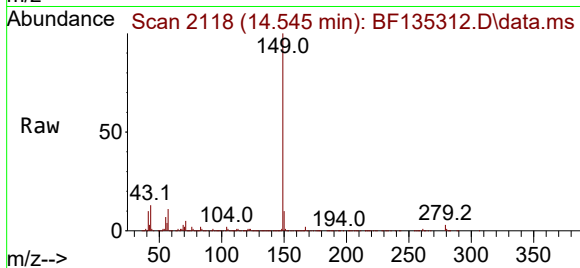
Tgt Ion:149 Resp: 619309

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

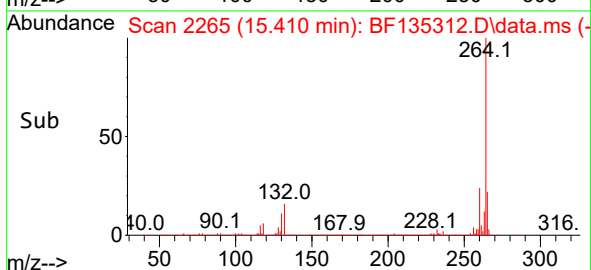
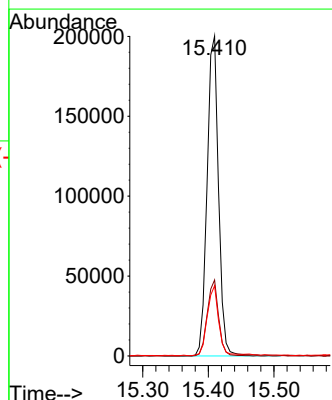
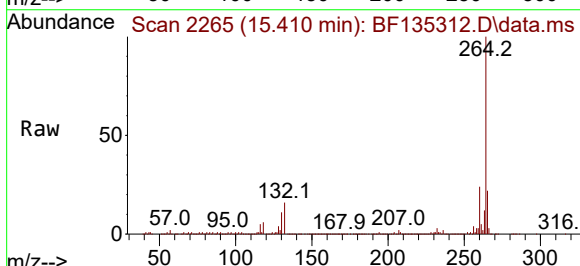
Tgt Ion:264 Resp: 243776

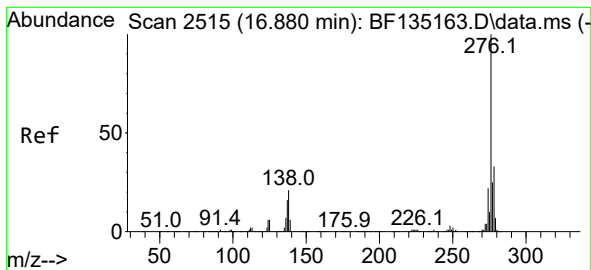
Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.009 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

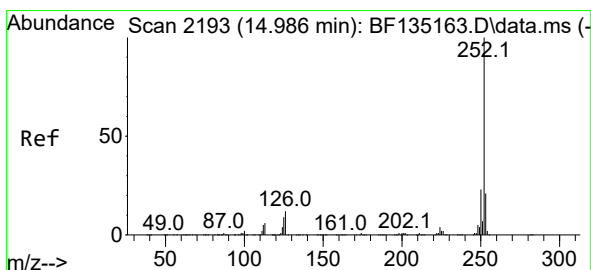
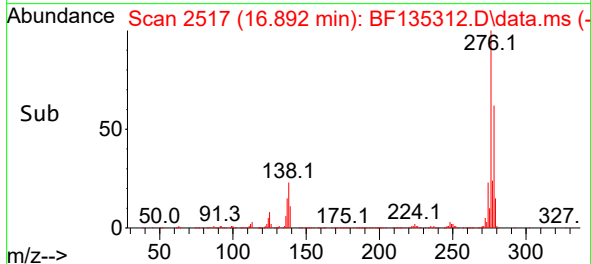
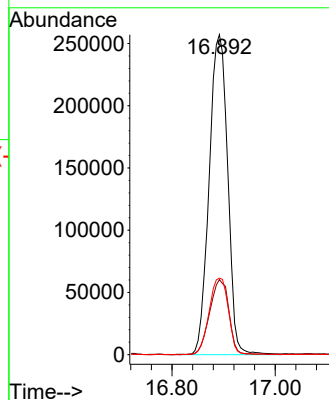
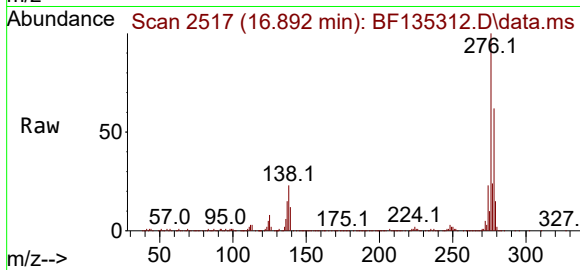
Tgt Ion:276 Resp: 639482

Ion Ratio Lower Upper

276 100

138 24.1 19.2 28.8

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 48.254 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

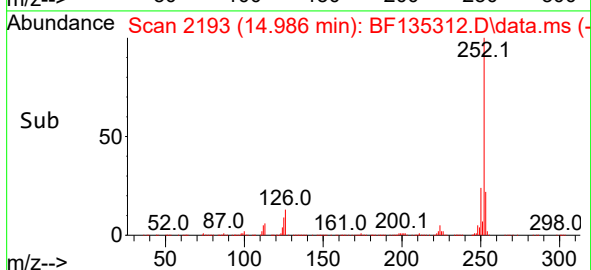
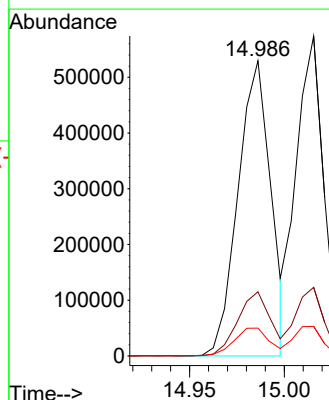
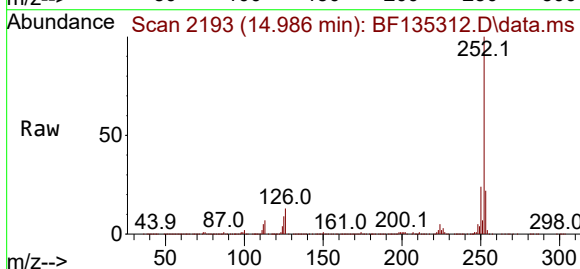
Tgt Ion:252 Resp: 636780

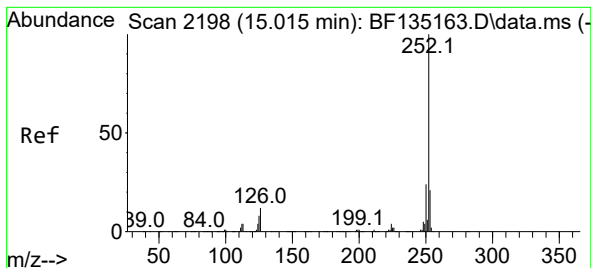
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.213 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

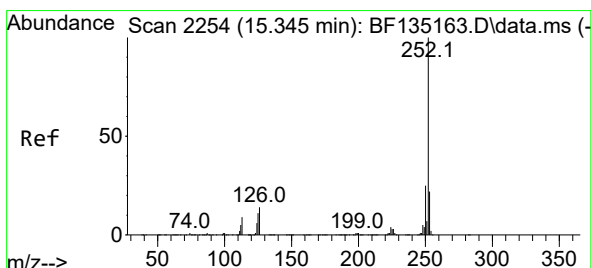
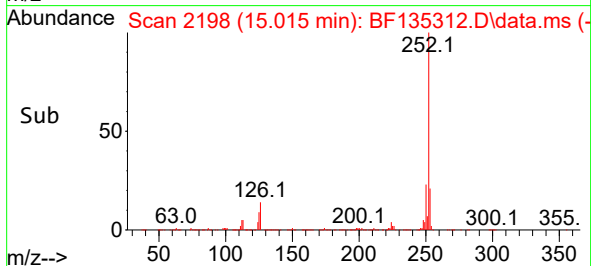
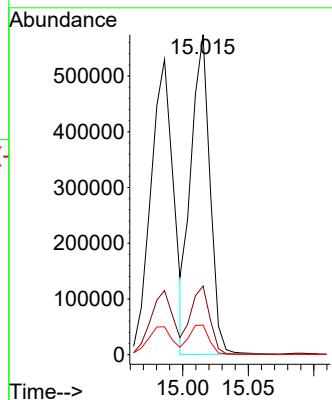
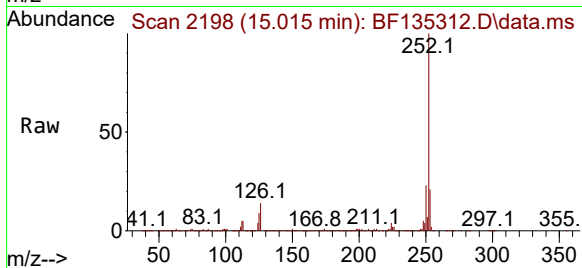
Tgt Ion:252 Resp: 576352

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 45.921 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

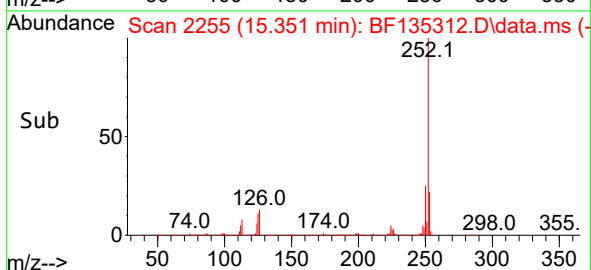
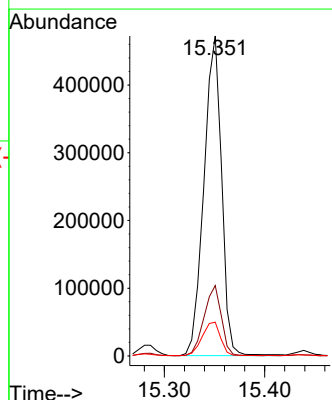
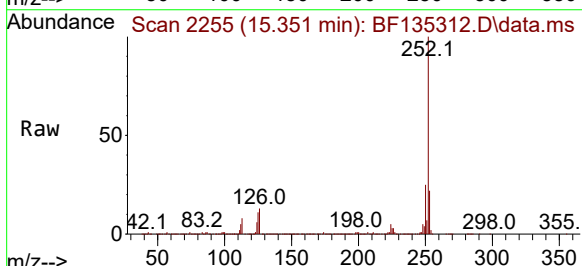
Tgt Ion:252 Resp: 577894

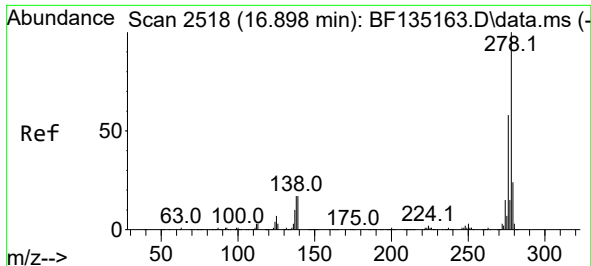
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

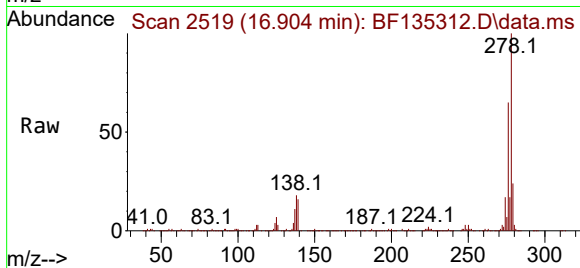
125 10.6 9.2 13.8



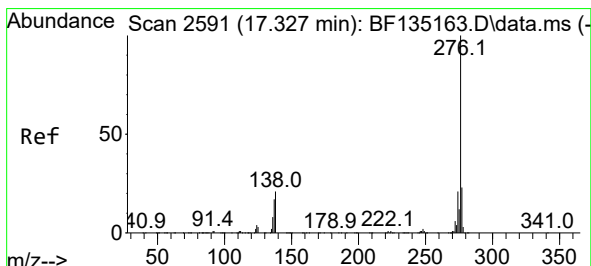
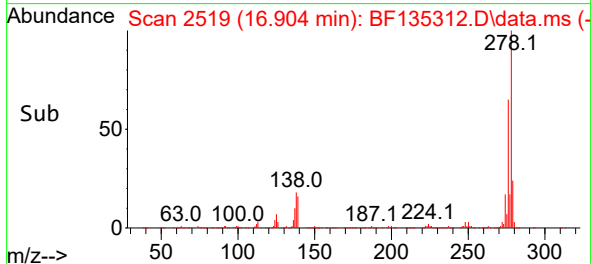
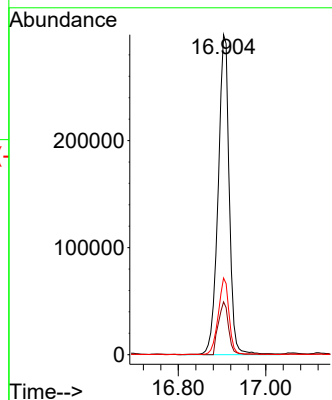


#91
 Dibenzo(a,h)anthracene
 Concen: 40.282 ng
 RT: 16.904 min Scan# 2519
 Delta R.T. 0.006 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:278 Resp: 526812
 Ion Ratio Lower Upper
 278 100
 139 16.5 13.4 20.0
 279 23.9 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 35.217 ng
 RT: 17.339 min Scan# 2593
 Delta R.T. 0.012 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

Tgt Ion:276 Resp: 481005
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.8 28.2
 138 21.2 16.9 25.3

