

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133796.D
 Acq On : 16 Jun 2023 02:39
 Operator : CG\JU
 Sample : 03235-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREWMS

Quant Time: Jun 16 04:13:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	124764	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	471716	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	230117	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	365289	20.000	ng	0.00
76) Chrysene-d12	14.004	240	218416	20.000	ng	0.00
86) Perylene-d12	15.462	264	273339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	788643	110.044	ng	0.01
7) Phenol-d6	6.469	99	981385	105.202	ng	0.00
23) Nitrobenzene-d5	7.398	82	661127	76.337	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	279485	95.948	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1127498	69.650	ng	0.00
79) Terphenyl-d14	12.945	244	894639	63.380	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	115688	36.718	ng	99
3) Pyridine	3.363	79	316952	34.513	ng	98
4) n-Nitrosodimethylamine	3.328	42	213514	42.061	ng	97
6) Aniline	6.492	93	449520	38.259	ng	100
8) 2-Chlorophenol	6.616	128	345618	45.762	ng	97
9) Benzaldehyde	6.381	77	189469	30.614	ng	99
10) Phenol	6.481	94	424667	43.597	ng	95
11) bis(2-Chloroethyl)ether	6.569	93	327016	45.221	ng	97
12) 1,3-Dichlorobenzene	6.775	146	367759	45.574	ng	98
13) 1,4-Dichlorobenzene	6.851	146	377349	46.267	ng	97
14) 1,2-Dichlorobenzene	6.998	146	364265	49.428	ng	99
15) Benzyl Alcohol	6.975	79	323920	44.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	579959	47.311	ng	99
17) 2-Methylphenol	7.086	107	288750	43.134	ng	99
18) Hexachloroethane	7.339	117	140936	50.476	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	248261	41.828	ng	99
20) 3+4-Methylphenols	7.239	107	348429	40.011	ng	97
22) Acetophenone	7.245	105	479861	44.353	ng	# 99
24) Nitrobenzene	7.416	77	388138	44.508	ng	97
25) Isophorone	7.657	82	690717	43.442	ng	98
26) 2-Nitrophenol	7.733	139	192551	49.198	ng	96
27) 2,4-Dimethylphenol	7.769	122	308568	45.743	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	400532	43.585	ng	99
29) 2,4-Dichlorophenol	7.975	162	293152	44.341	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	308801	44.768	ng	97
31) Naphthalene	8.139	128	977921	42.552	ng	99
32) Benzoic acid	7.875	122	154799m	36.385	ng	
33) 4-Chloroaniline	8.186	127	266591	27.129	ng	97
34) Hexachlorobutadiene	8.251	225	189889	42.046	ng	97
35) Caprolactam	8.563	113	90587m	40.719	ng	
36) 4-Chloro-3-methylphenol	8.669	107	324629	42.599	ng	99
37) 2-Methylnaphthalene	8.827	142	656454	41.110	ng	97
38) 1-Methylnaphthalene	8.927	142	608706	41.426	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	307282	43.924	ng	98
41) Hexachlorocyclopentadiene	8.980	237	340880	109.343	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	208367	44.572	ng	99

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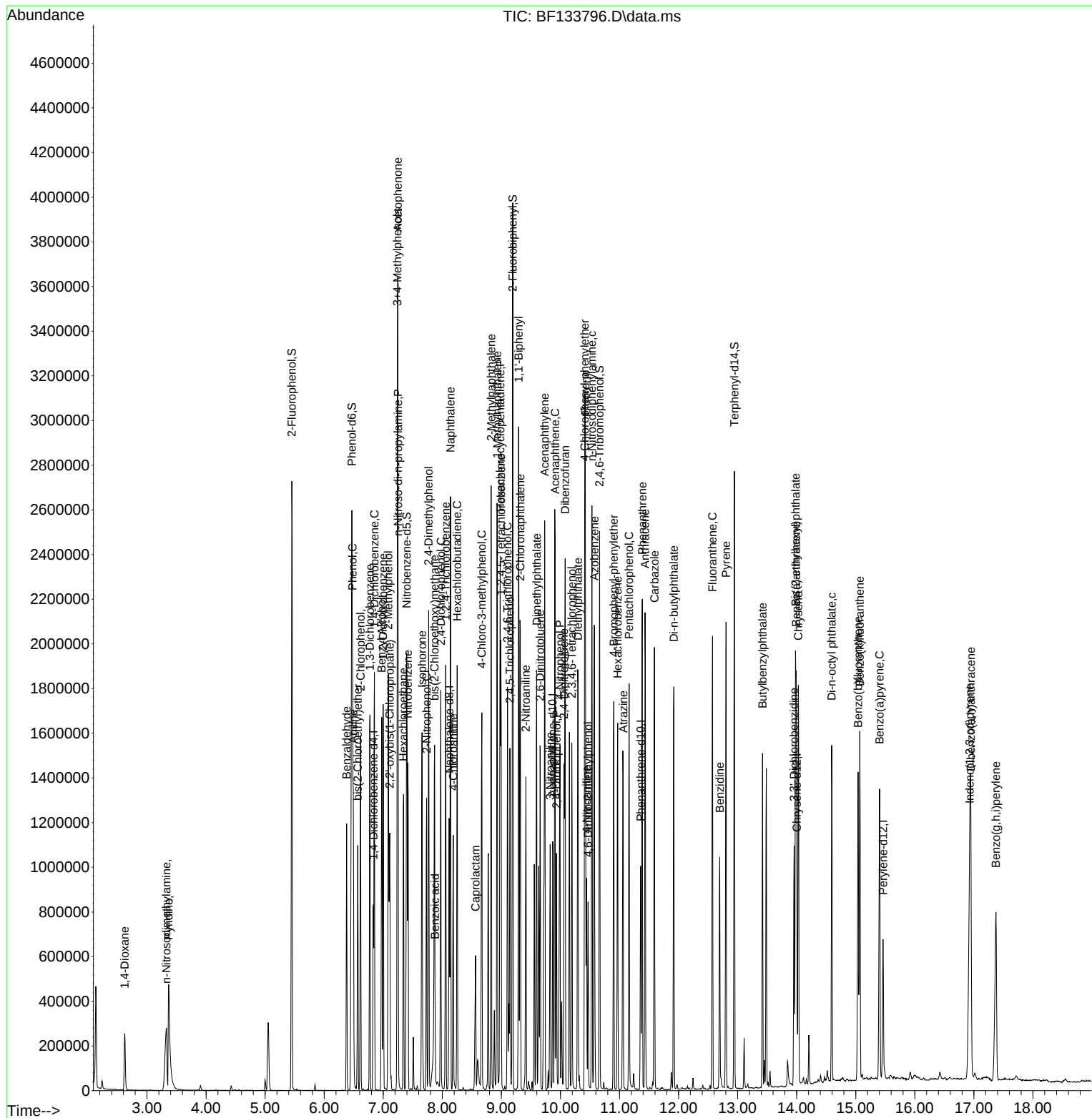
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	220795	40.597	ng	99
46) 1,1'-Biphenyl	9.292	154	831736	44.815	ng	98
47) 2-Chloronaphthalene	9.322	162	601192	45.159	ng	97
48) 2-Nitroaniline	9.416	65	213214	43.791	ng	96
49) Acenaphthylene	9.733	152	997416	43.046	ng	99
50) Dimethylphthalate	9.598	163	725156	42.218	ng	100
51) 2,6-Dinitrotoluene	9.657	165	159842	45.085	ng	# 80
52) Acenaphthene	9.910	154	584192	43.073	ng	98
53) 3-Nitroaniline	9.827	138	145917	33.820	ng	89
54) 2,4-Dinitrophenol	9.933	184	113727	66.670	ng	89
55) Dibenzofuran	10.080	168	876725	42.363	ng	100
56) 4-Nitrophenol	9.992	139	241666	82.996	ng	88
57) 2,4-Dinitrotoluene	10.063	165	205021	45.469	ng	96
58) Fluorene	10.422	166	671294	42.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	180791	44.400	ng	99
60) Diethylphthalate	10.298	149	719781	41.174	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	323808	41.444	ng	98
62) 4-Nitroaniline	10.445	138	162094	38.318	ng	97
63) Azobenzene	10.574	77	719333	43.466	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	89037	51.009	ng	# 75
66) n-Nitrosodiphenylamine	10.533	169	595363	48.521	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	196974	48.312	ng	94
68) Hexachlorobenzene	10.969	284	212206	49.495	ng	96
69) Atrazine	11.063	200	185883	52.212	ng	97
70) Pentachlorophenol	11.163	266	185274	72.166	ng	99
71) Phenanthrene	11.386	178	812554	43.844	ng	100
72) Anthracene	11.433	178	828693	42.884	ng	100
73) Carbazole	11.592	167	735348	40.858	ng	99
74) Di-n-butylphthalate	11.921	149	909400	39.414	ng	100
75) Fluoranthene	12.574	202	814116	41.366	ng	99
77) Benzidine	12.698	184	411691	56.172	ng	99
78) Pyrene	12.804	202	806406	39.634	ng	99
80) Butylbenzylphthalate	13.421	149	306695	35.706	ng	99
81) Benzo(a)anthracene	13.992	228	656527	43.456	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	217897	43.382	ng	99
83) Chrysene	14.027	228	635030	44.441	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	383108	36.224	ng	100
85) Di-n-octyl phthalate	14.592	149	723850	48.162	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	877361	46.656	ng	99
88) Benzo(b)fluoranthene	15.039	252	660384	39.772	ng	99
89) Benzo(k)fluoranthene	15.068	252	659156	40.753	ng	99
90) Benzo(a)pyrene	15.404	252	650605	42.220	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	714695	45.907	ng	99
92) Benzo(g,h,i)perylene	17.374	276	629147	40.759	ng	98

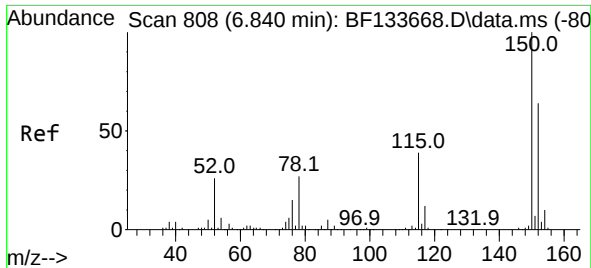
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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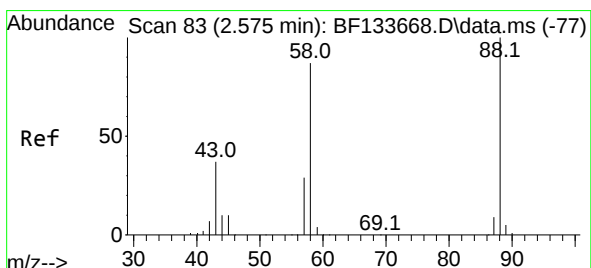
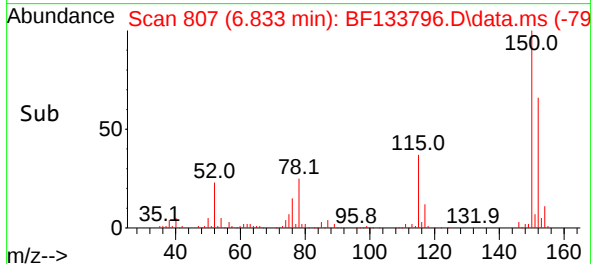
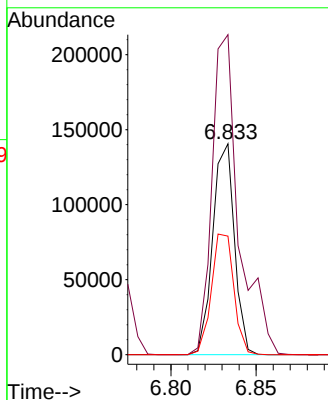
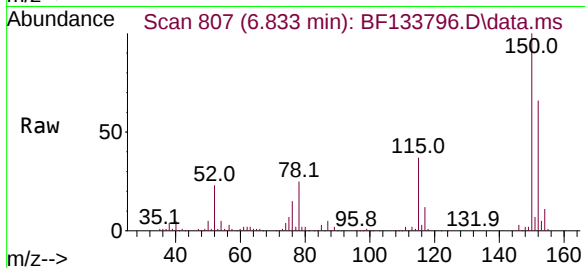




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.833 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133796.D
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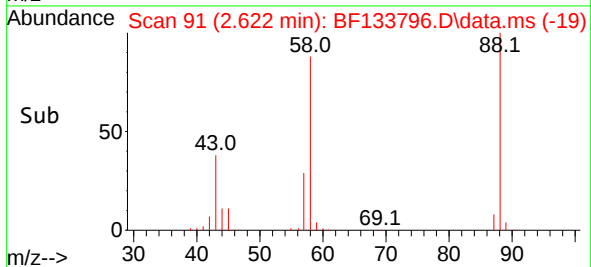
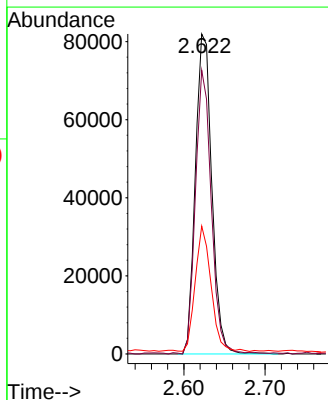
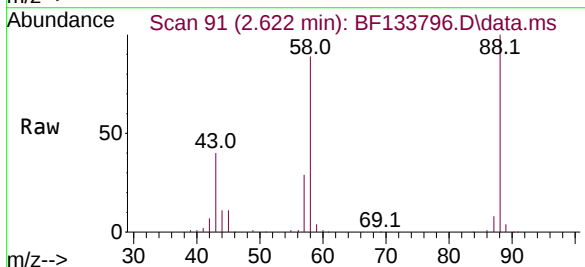
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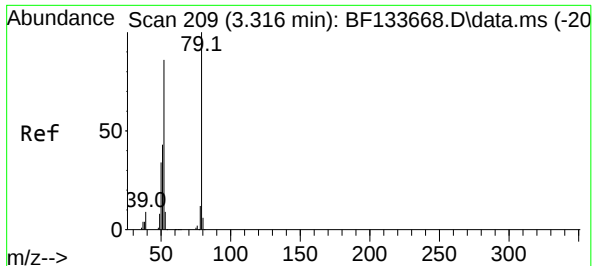
Tgt Ion:152 Resp: 124764
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.3 186.5
 115 56.2 48.5 72.7



#2
 1,4-Dioxane
 Concen: 36.718 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.076 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

Tgt Ion: 88 Resp: 115688
 Ion Ratio Lower Upper
 88 100
 58 86.0 67.8 101.6
 43 37.5 29.8 44.6

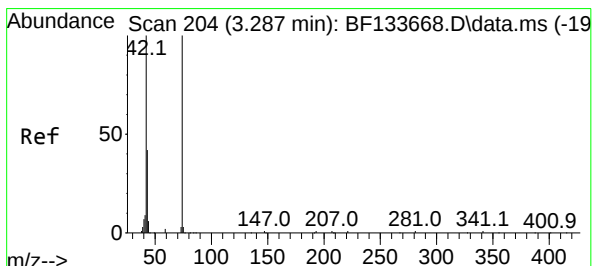
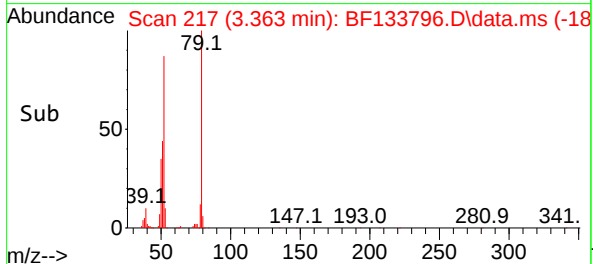
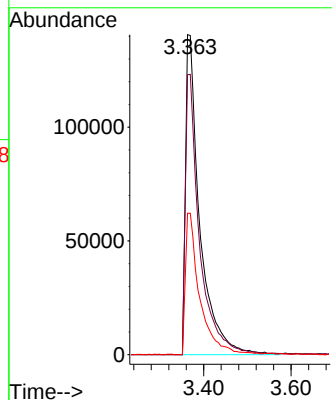
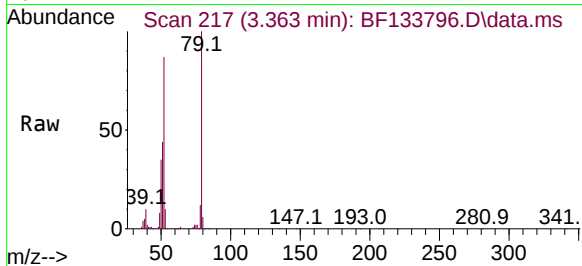




#3
Pyridine
Concen: 34.513 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.070 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

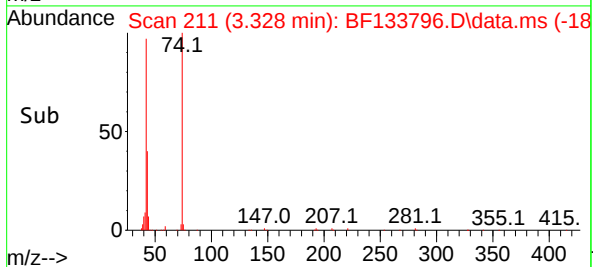
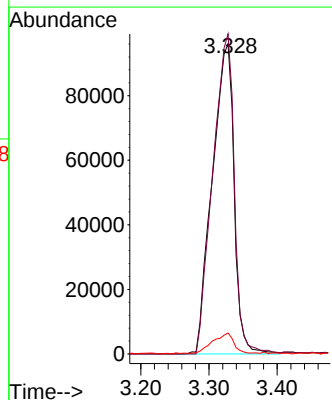
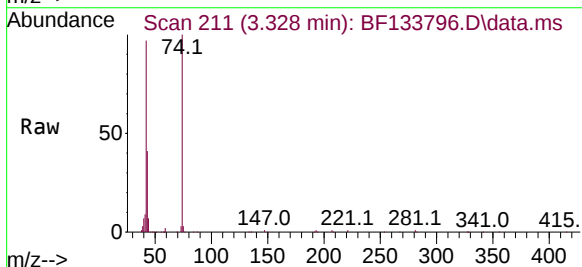
Instrument :
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Tgt Ion: 79 Resp: 316952
Ion Ratio Lower Upper
79 100
52 87.5 68.6 102.8
51 44.2 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 42.061 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion: 42 Resp: 213514
Ion Ratio Lower Upper
42 100
74 103.1 79.8 119.8
44 6.7 4.7 7.1

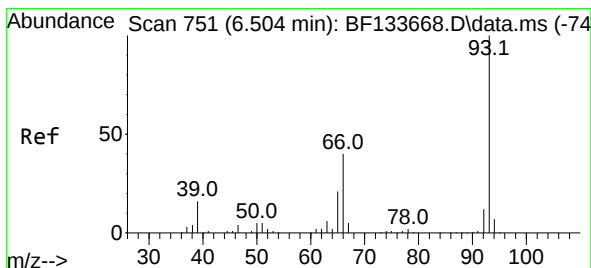
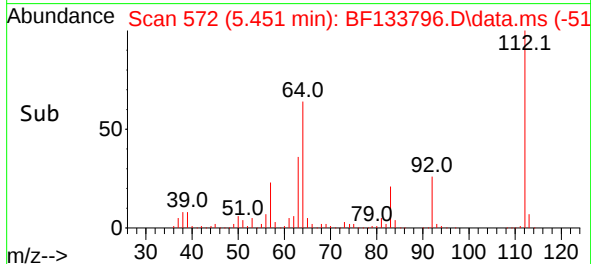
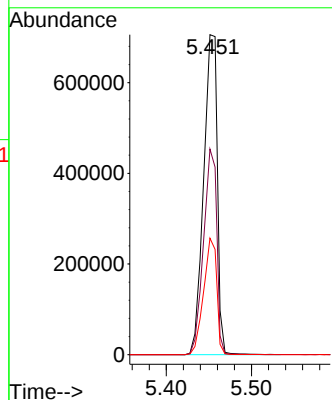
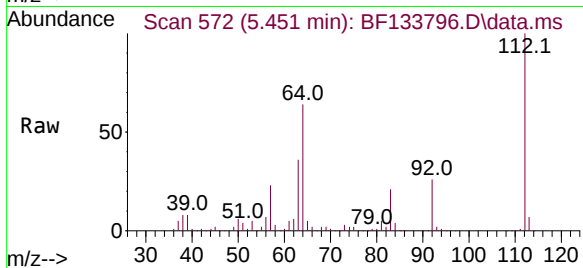




#5
2-Fluorophenol
Concen: 110.044 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

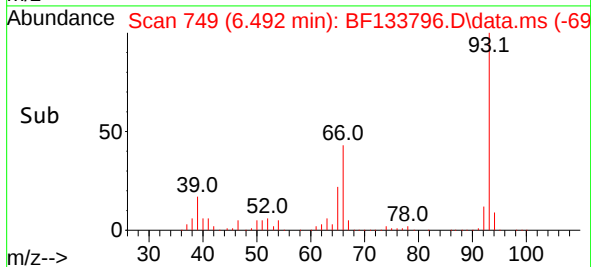
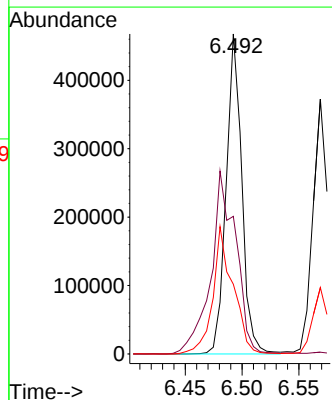
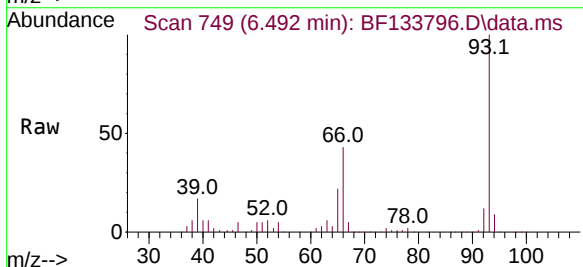
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

Tgt Ion:112 Resp: 788643
Ion Ratio Lower Upper
112 100
64 64.2 49.0 73.4
63 36.4 26.8 40.2



#6
Aniline
Concen: 38.259 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion: 93 Resp: 449520
Ion Ratio Lower Upper
93 100
66 43.0 34.4 51.6
65 21.8 17.5 26.3

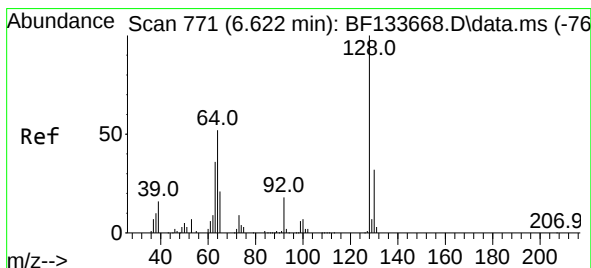
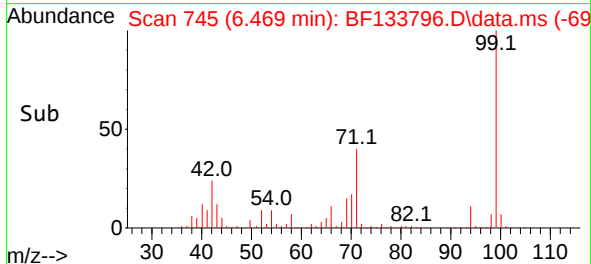
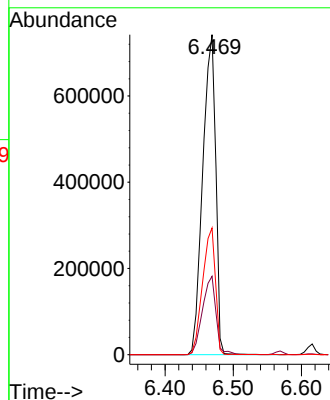
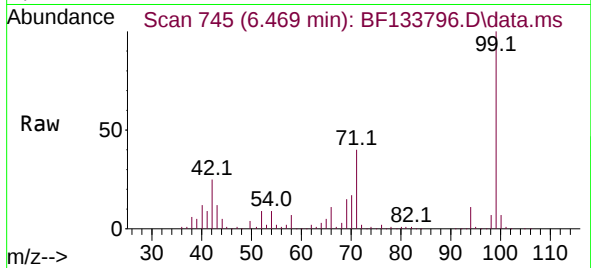




#7
Phenol-d6
Concen: 105.202 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

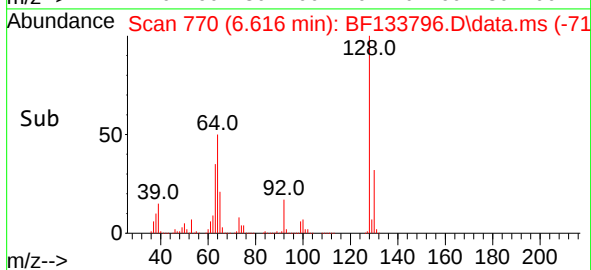
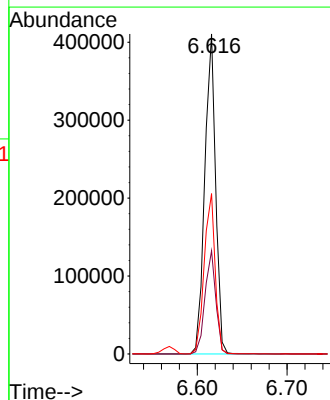
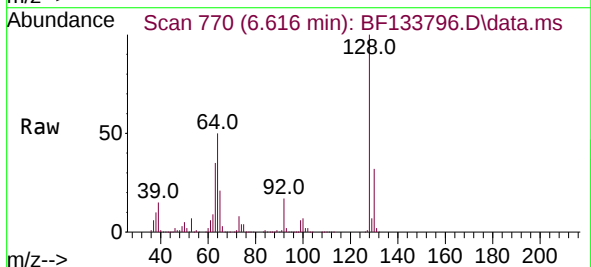
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Tgt Ion: 99 Resp: 981385
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 39.6 32.2 48.4



#8
2-Chlorophenol
Concen: 45.762 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion: 128 Resp: 345618
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 50.1 33.1 73.1

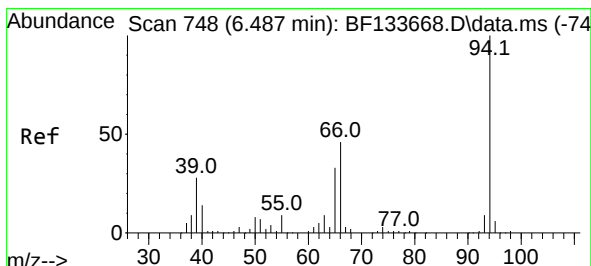
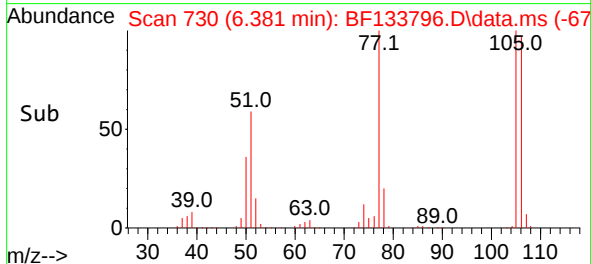
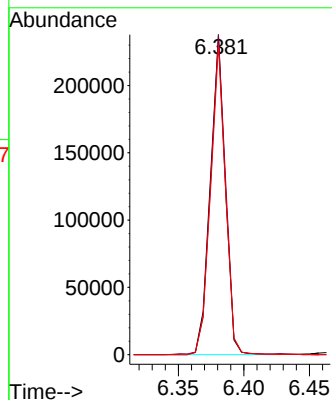
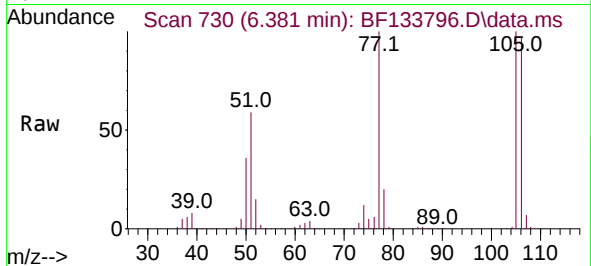




#9
Benzaldehyde
Concen: 30.614 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
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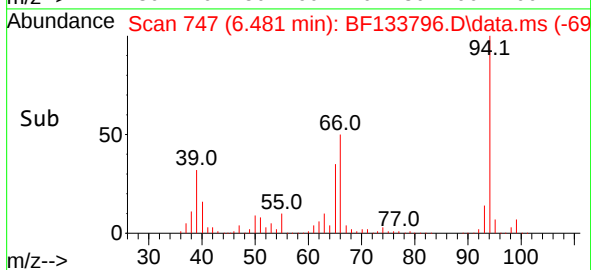
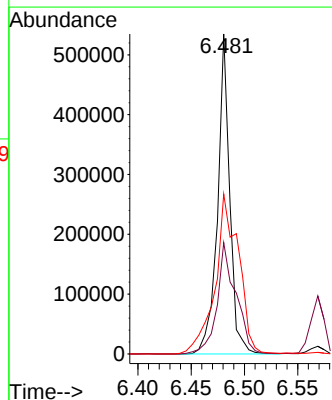
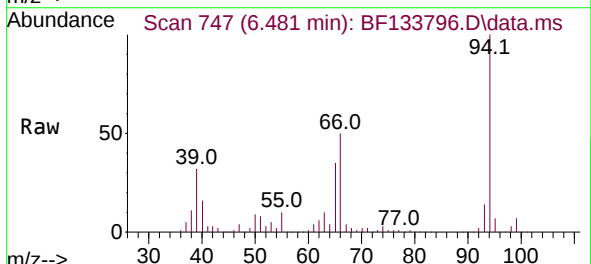
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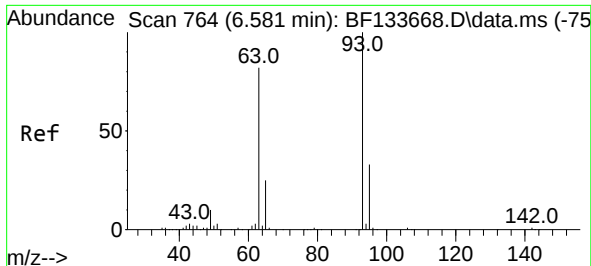
Tgt Ion: 77 Resp: 189469
Ion Ratio Lower Upper
77 100
105 99.9 82.0 122.0
106 96.9 77.6 117.6



#10
Phenol
Concen: 43.597 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 424667
Ion Ratio Lower Upper
94 100
65 34.8 13.2 53.2
66 50.0 26.1 66.1

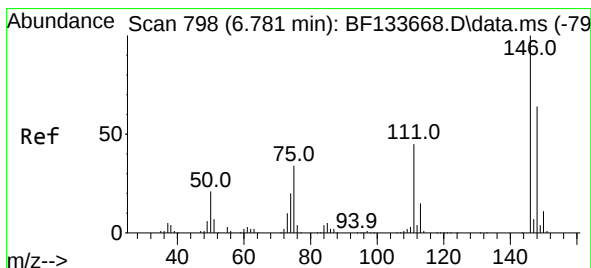
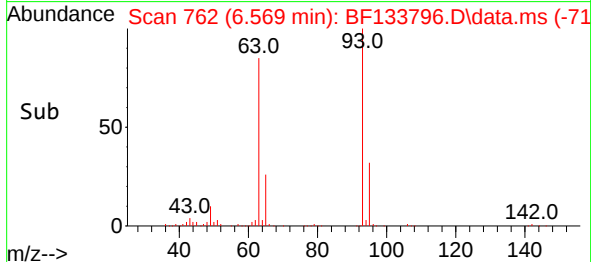
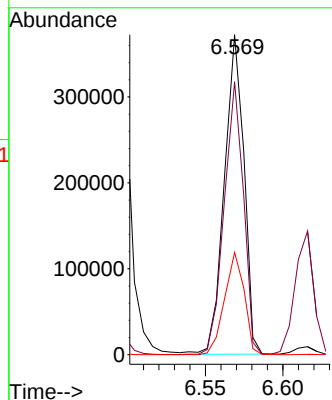
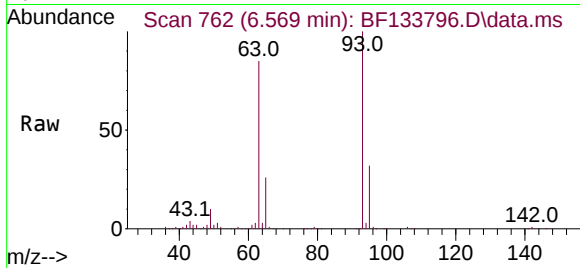




#11
bis(2-Chloroethyl)ether
Concen: 45.221 ng
RT: 6.569 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

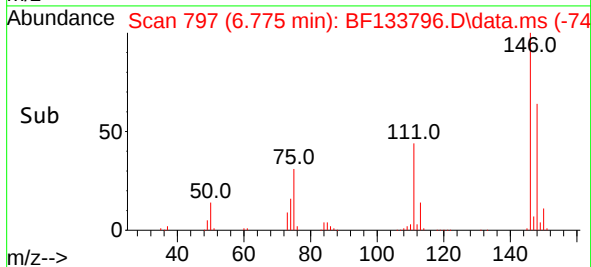
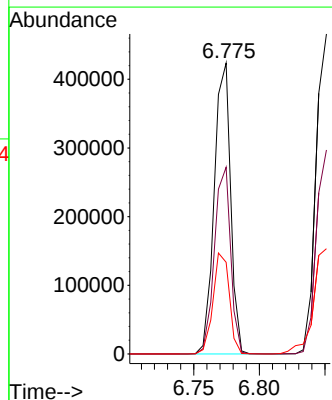
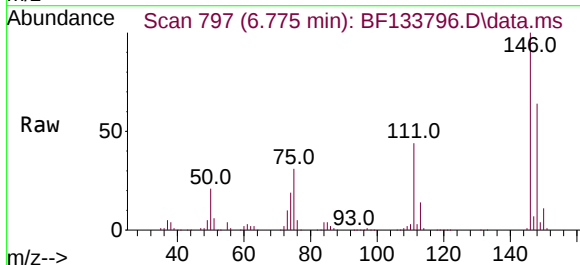
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

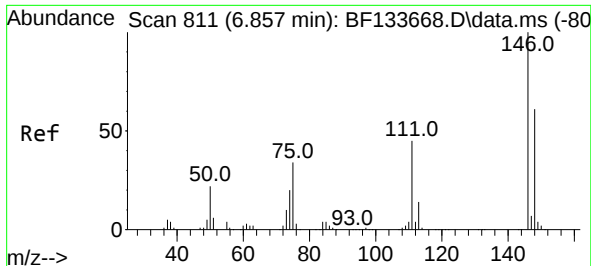
Tgt Ion: 93 Resp: 327016
Ion Ratio Lower Upper
93 100
63 85.3 62.1 102.1
95 31.9 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 45.574 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion: 146 Resp: 367759
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 31.5 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 46.267 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

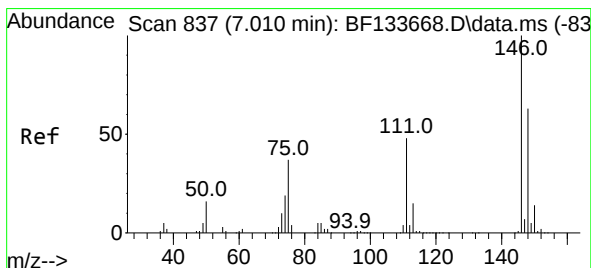
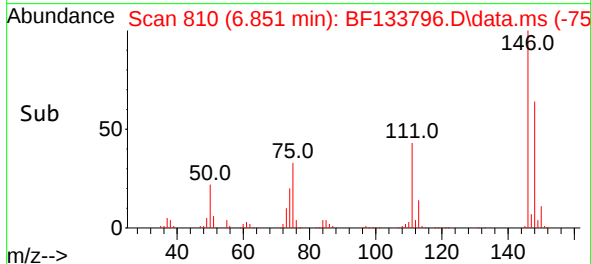
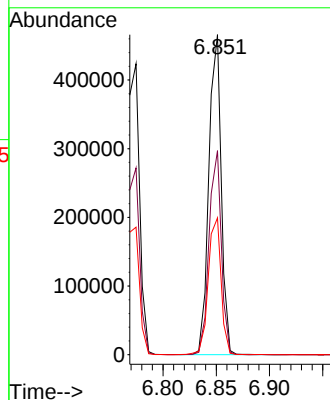
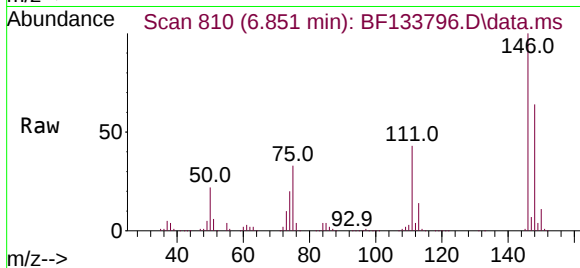
Tgt Ion:146 Resp: 377349

Ion Ratio Lower Upper

146 100

148 63.7 48.9 73.3

111 42.7 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 49.428 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

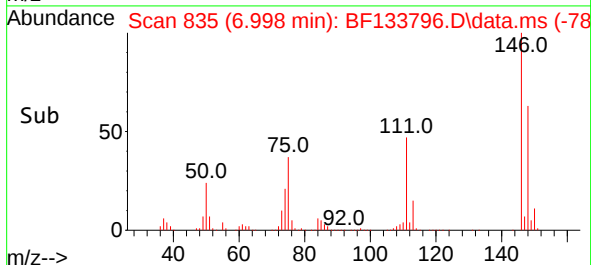
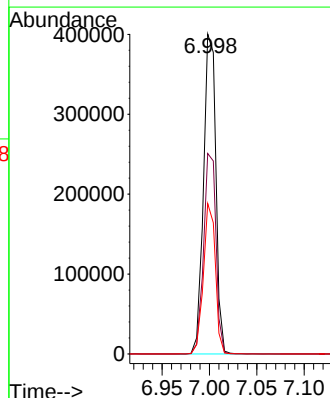
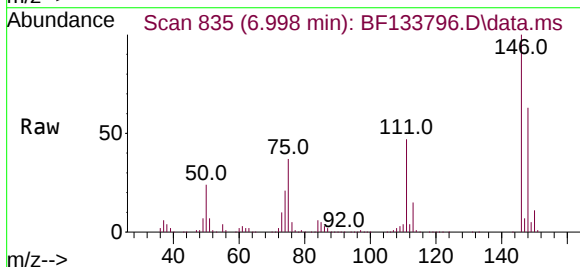
Tgt Ion:146 Resp: 364265

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

111 47.0 38.7 58.1

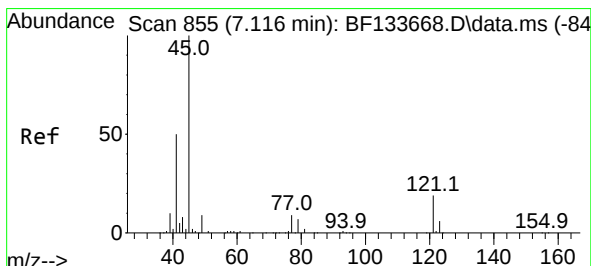
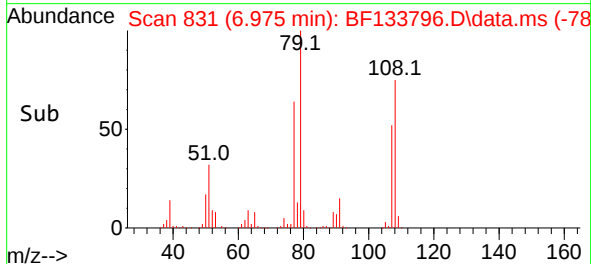
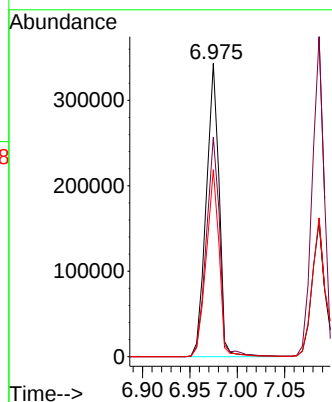
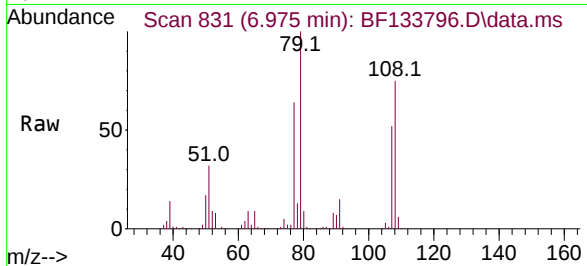




#15
Benzyl Alcohol
Concen: 44.458 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

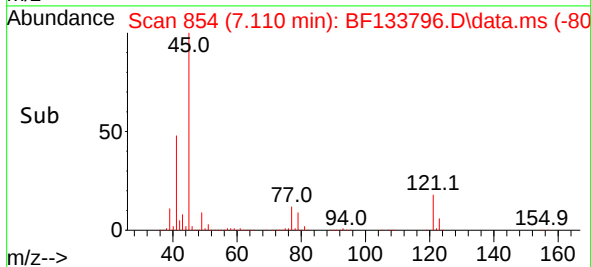
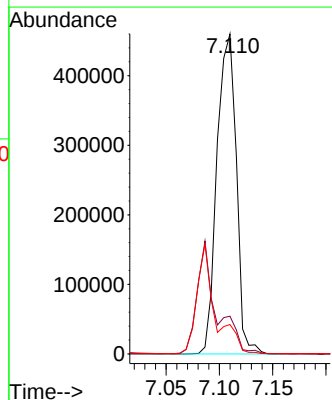
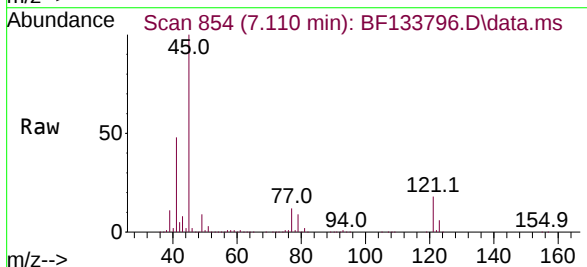
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

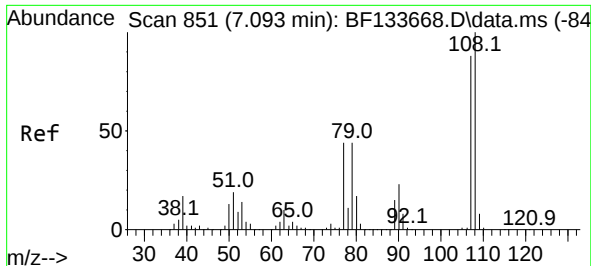
Tgt Ion: 79 Resp: 323920
Ion Ratio Lower Upper
79 100
108 74.9 57.9 86.9
77 63.8 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.311 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion: 45 Resp: 579959
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.3
79 9.2 0.0 29.4

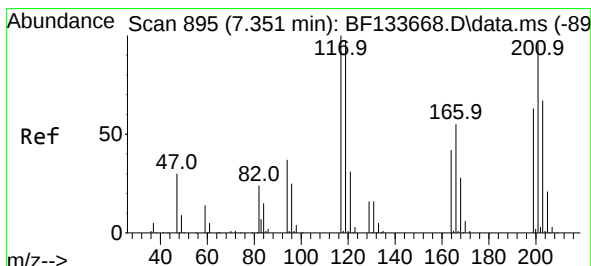
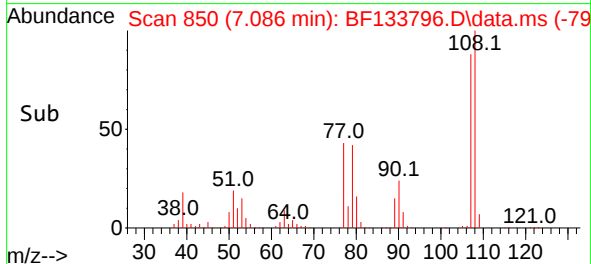
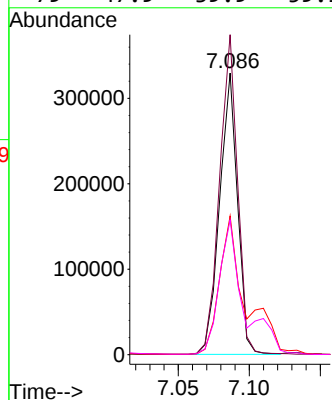
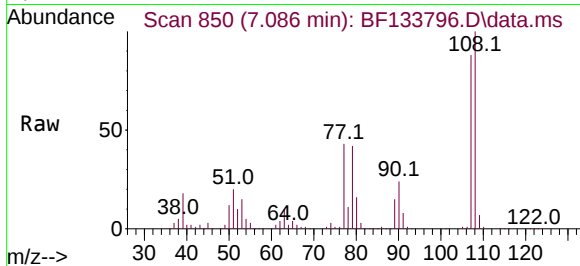




#17
2-Methylphenol
Concen: 43.134 ng
RT: 7.086 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

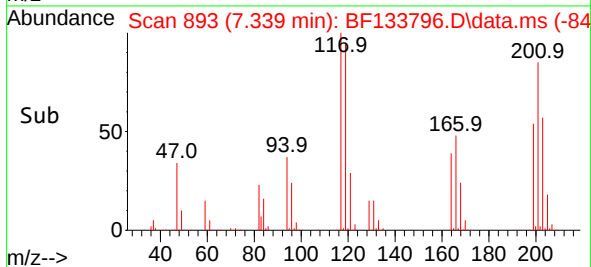
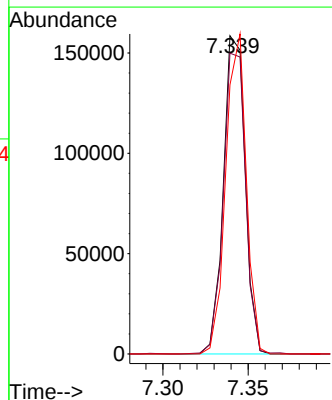
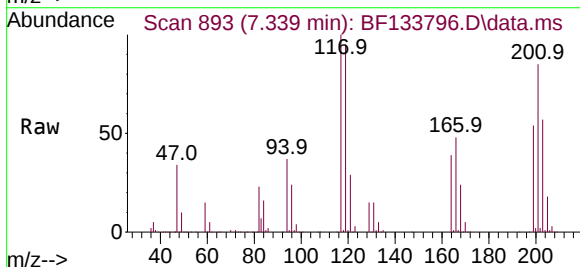
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

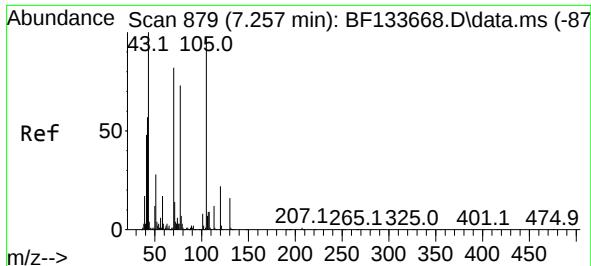
Tgt Ion:	107	Resp:	288750
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	49.2	39.8	59.6
79	47.9	39.9	59.9



#18
Hexachloroethane
Concen: 50.476 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:	117	Resp:	140936
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.3	115.9
201	84.6	76.8	115.2



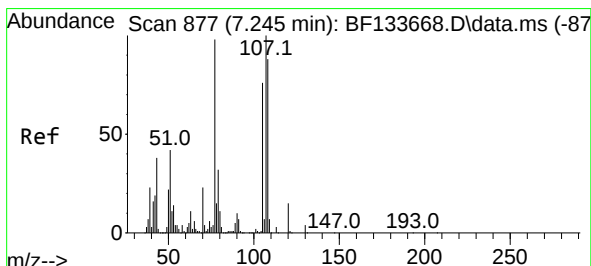
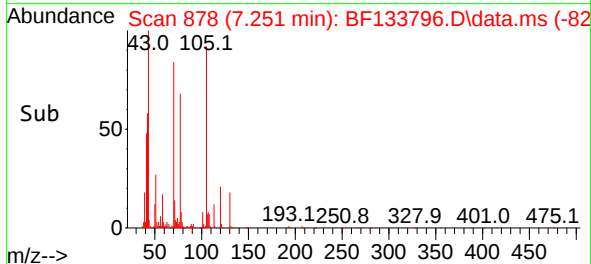
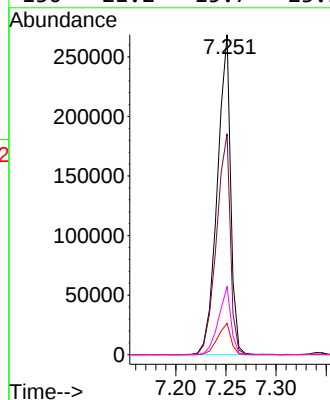
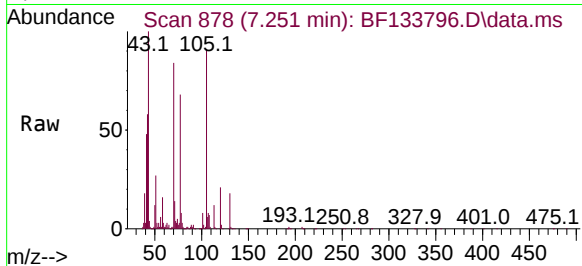


#19
n-Nitroso-di-n-propylamine
Concen: 41.828 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

Tgt Ion: 70 Resp: 248261

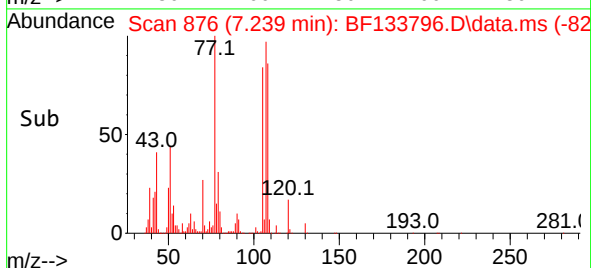
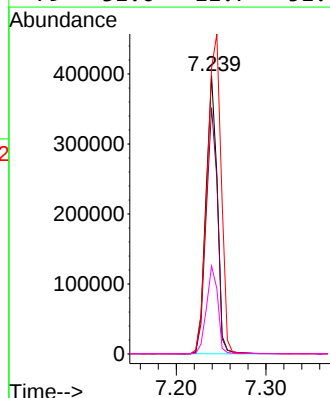
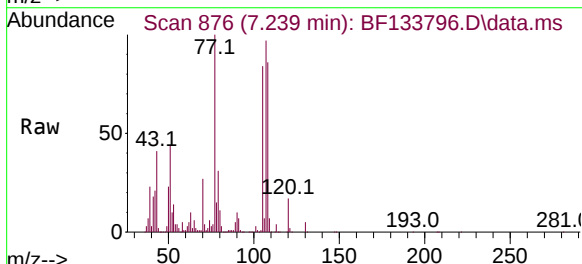
Ion	Ratio	Lower	Upper
70	100		
42	69.0	55.8	83.8
101	9.8	8.1	12.1
130	21.2	15.7	23.5

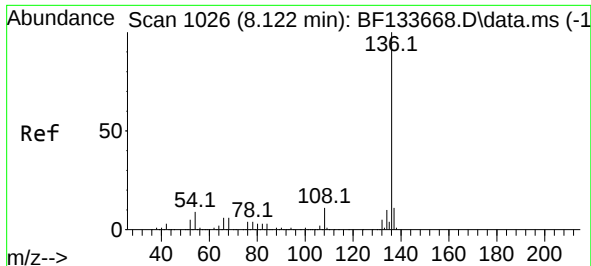


#20
3+4-Methylphenols
Concen: 40.011 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion: 107 Resp: 348429

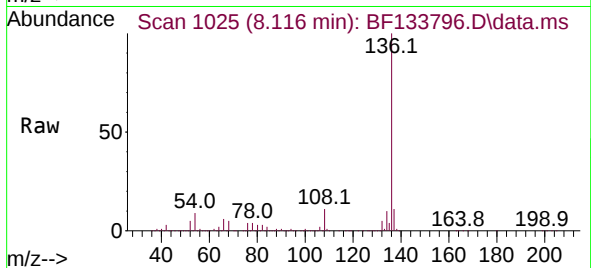
Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.9	107.9
77	102.7	77.7	117.7
79	31.6	11.7	51.7



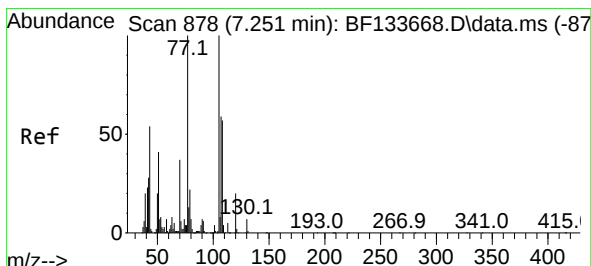
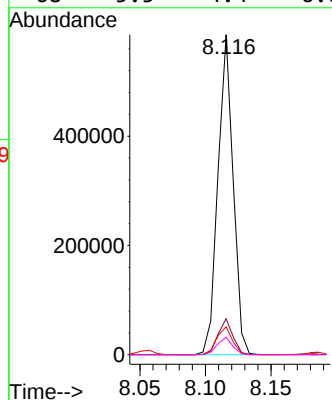
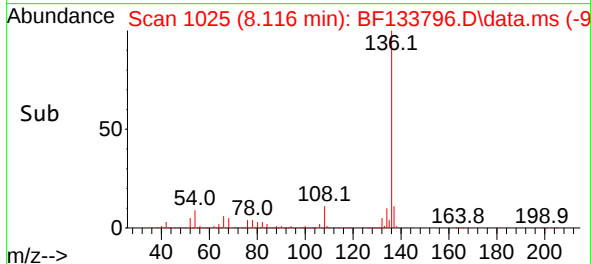


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

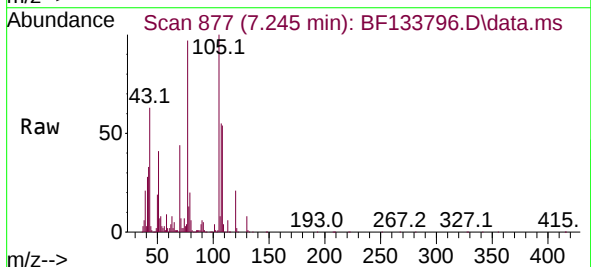
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS



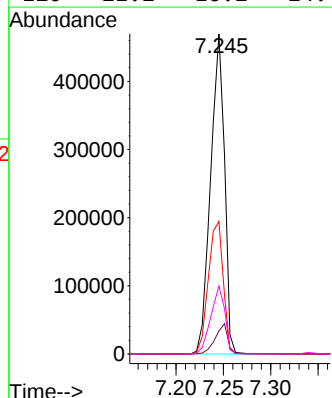
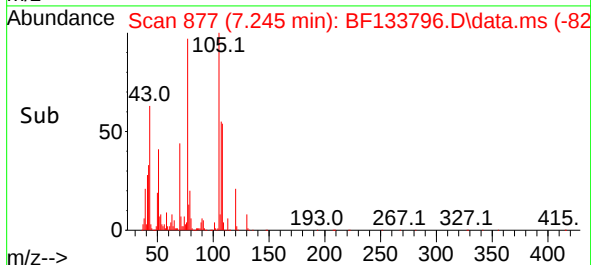
Tgt Ion:136 Resp: 471716
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 7.4 11.0
68 5.5 4.4 6.6

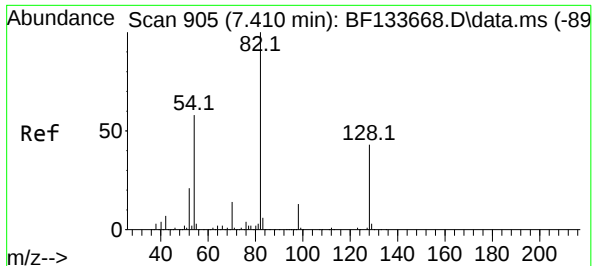


#22
Acetophenone
Concen: 44.353 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39



Tgt Ion:105 Resp: 479861
Ion Ratio Lower Upper
105 100
71 7.2 4.8 7.2#
51 41.4 33.0 49.4
120 21.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 76.337 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

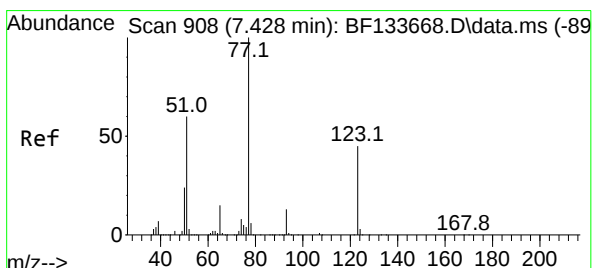
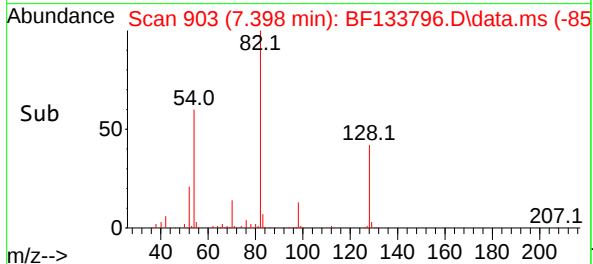
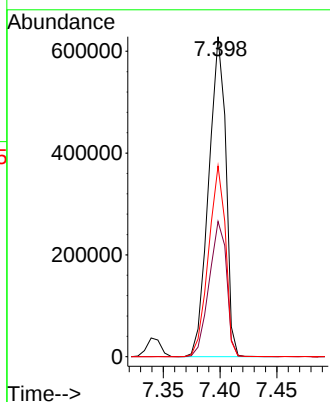
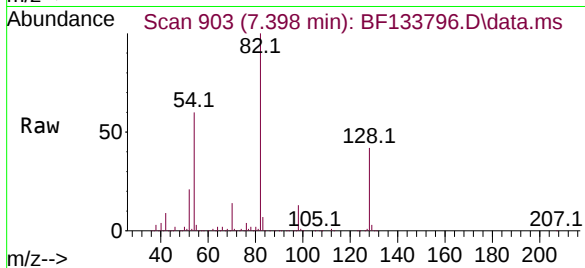
Tgt Ion: 82 Resp: 661127

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.2

54 59.6 46.5 69.7



#24

Nitrobenzene

Concen: 44.508 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

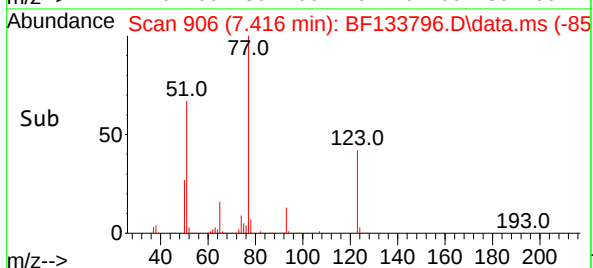
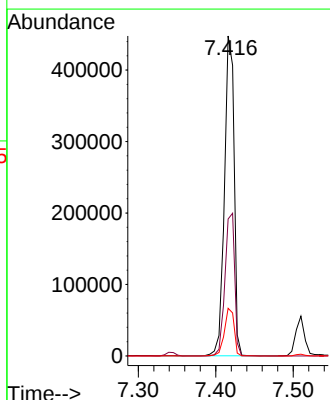
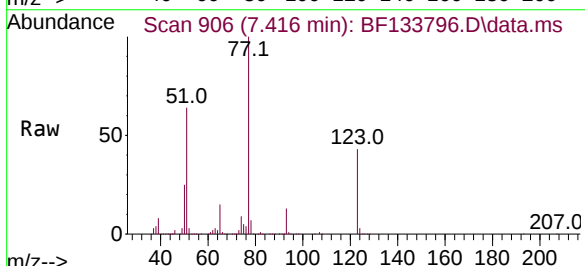
Tgt Ion: 77 Resp: 388138

Ion Ratio Lower Upper

77 100

123 42.8 35.8 53.8

65 14.9 11.6 17.4

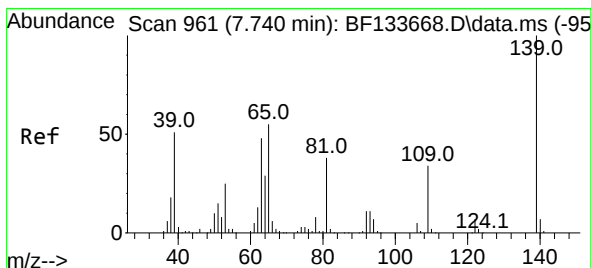
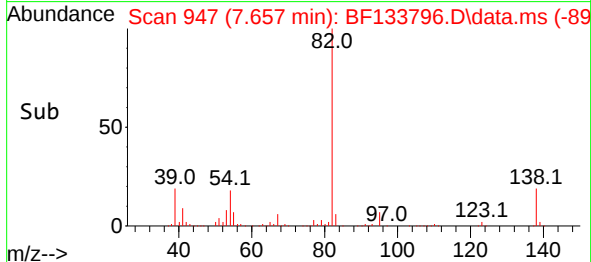
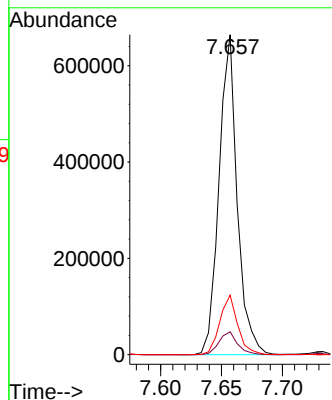
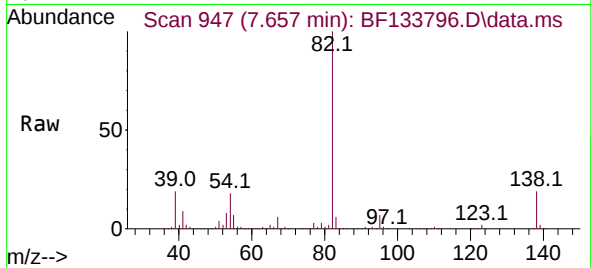




#25
Isophorone
Concen: 43.442 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

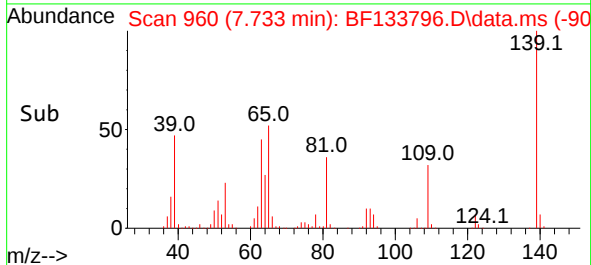
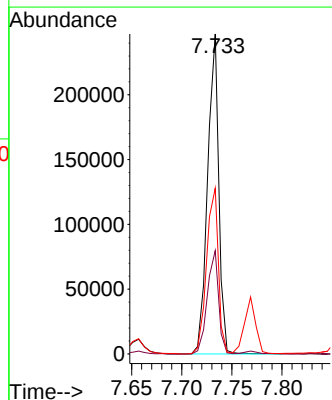
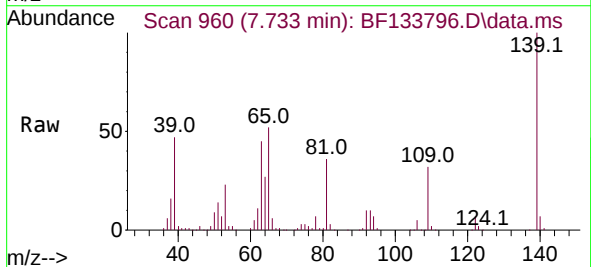
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

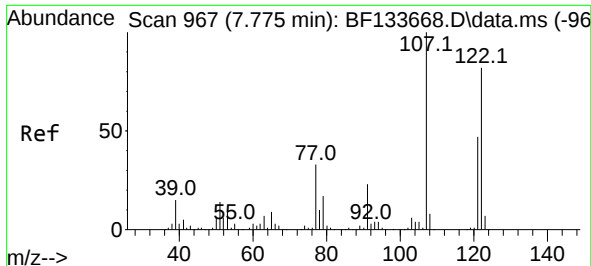
Tgt Ion: 82 Resp: 690717
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.6 14.2 21.2



#26
2-Nitrophenol
Concen: 49.198 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:139 Resp: 192551
Ion Ratio Lower Upper
139 100
109 32.3 27.0 40.6
65 51.8 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 45.743 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

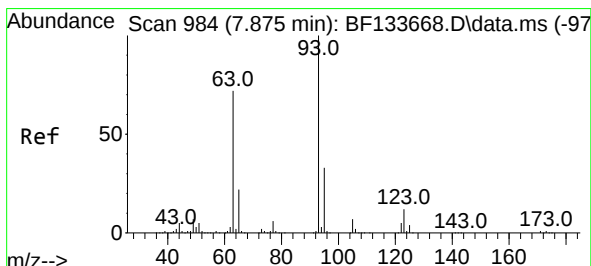
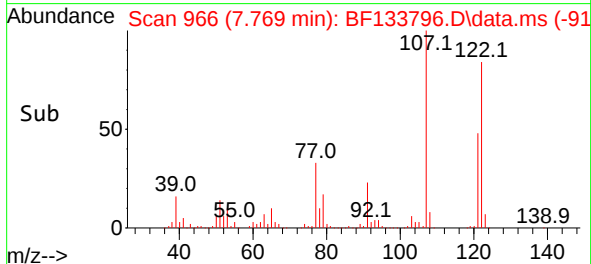
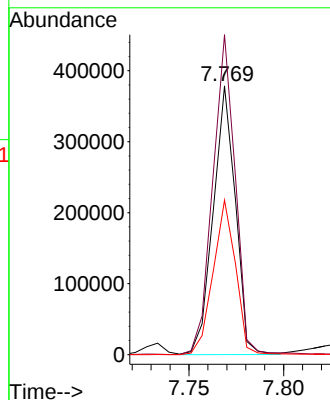
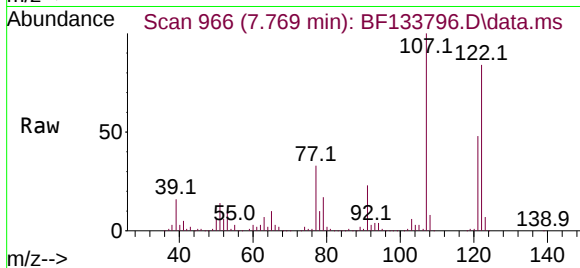
Tgt Ion:122 Resp: 308568

Ion Ratio Lower Upper

122 100

107 119.1 97.8 146.6

121 57.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.585 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.006 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

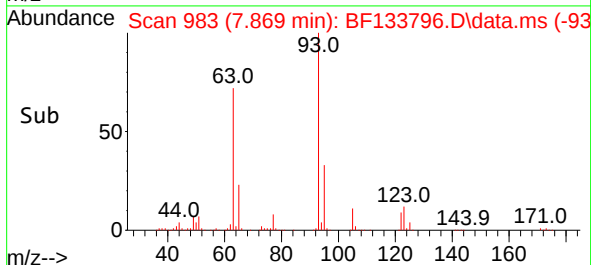
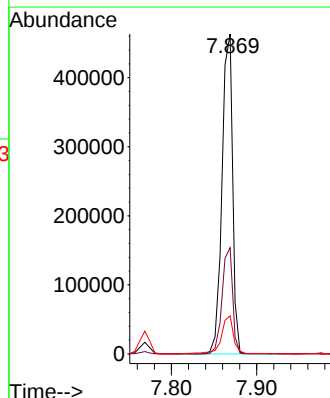
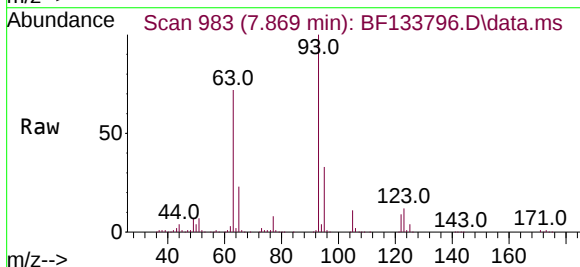
Tgt Ion: 93 Resp: 400532

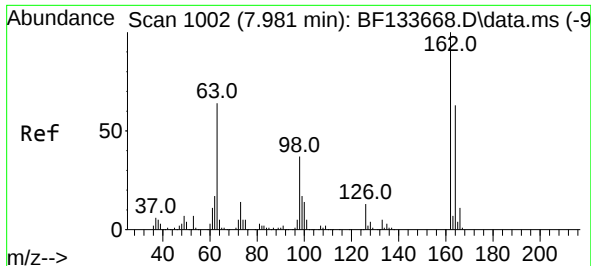
Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 11.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.341 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

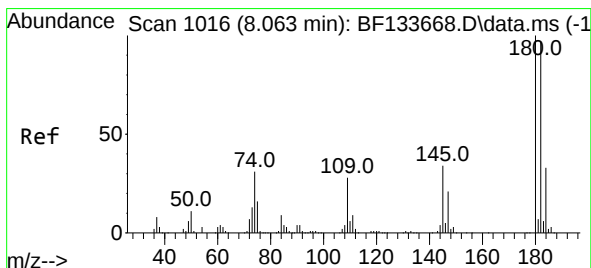
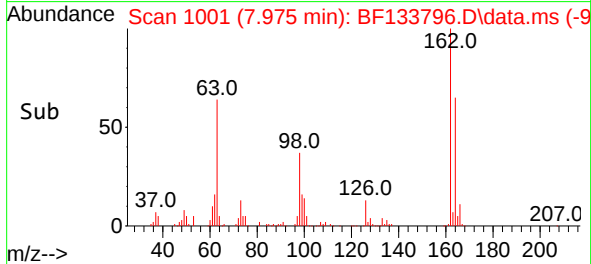
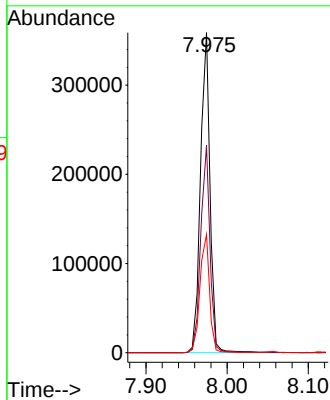
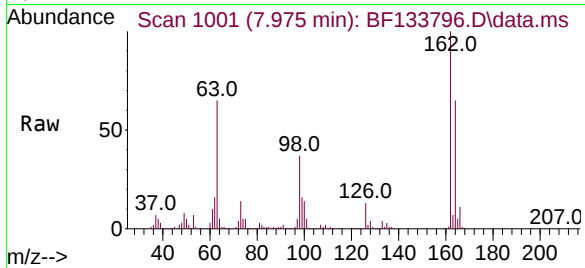
Tgt Ion:162 Resp: 293152

Ion Ratio Lower Upper

162 100

164 64.8 43.4 83.4

98 36.9 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 44.768 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

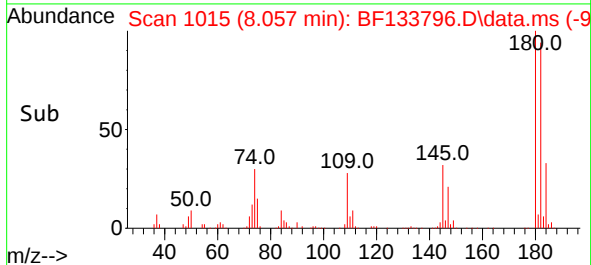
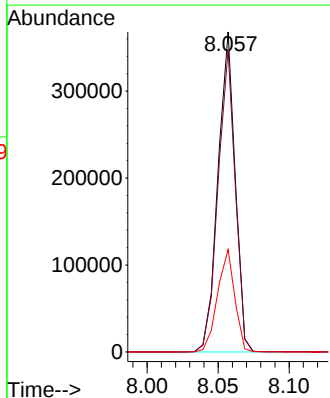
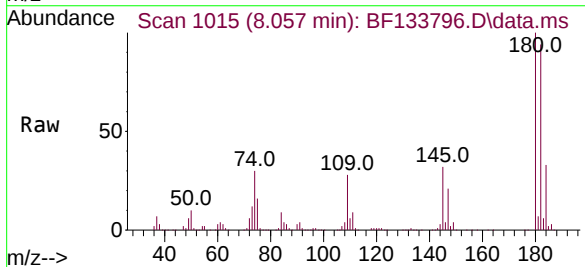
Tgt Ion:180 Resp: 308801

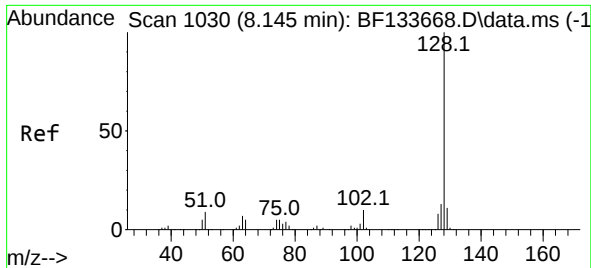
Ion Ratio Lower Upper

180 100

182 94.3 77.8 116.8

145 32.0 27.0 40.4

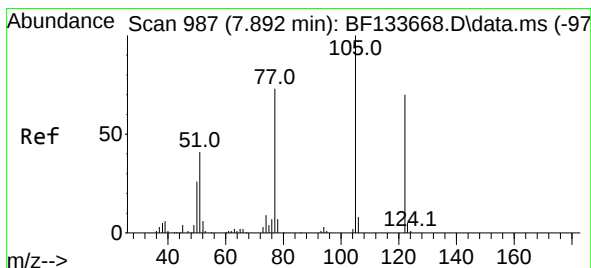
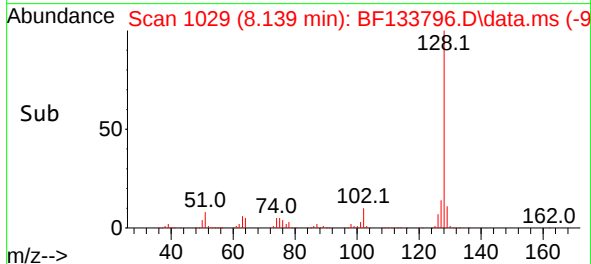
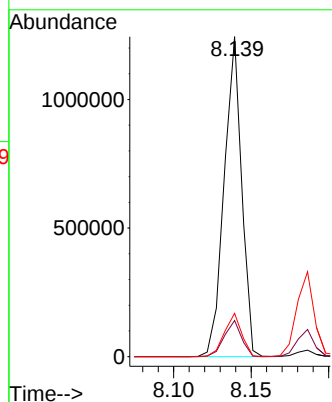
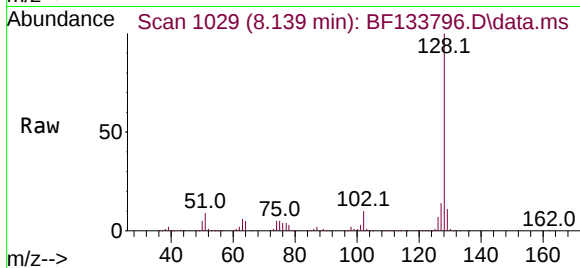




#31
Naphthalene
Concen: 42.552 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

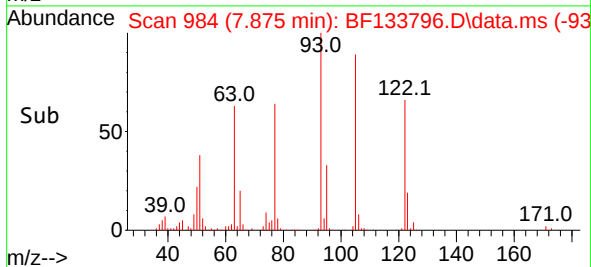
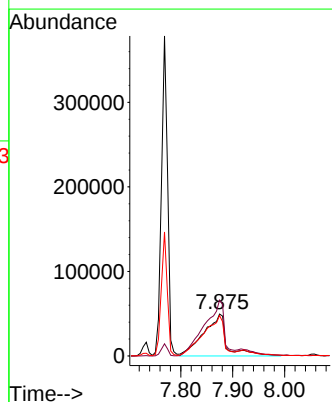
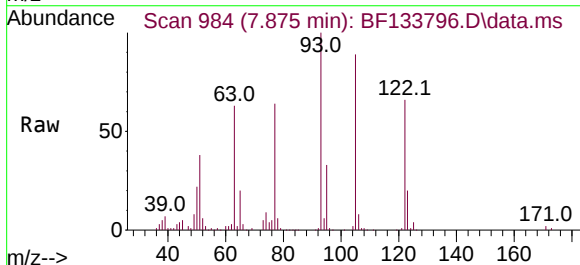
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

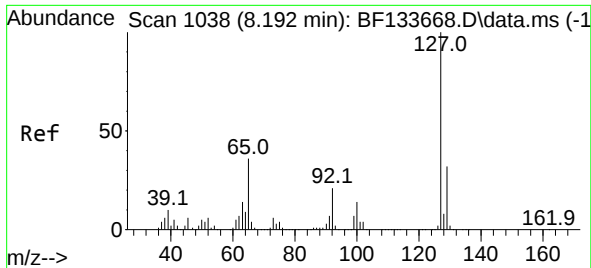
Tgt Ion:128 Resp: 977921
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 36.385 ng m
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:122 Resp: 154799
Ion Ratio Lower Upper
122 100
105 133.5 116.3 156.3
77 96.6 82.4 122.4

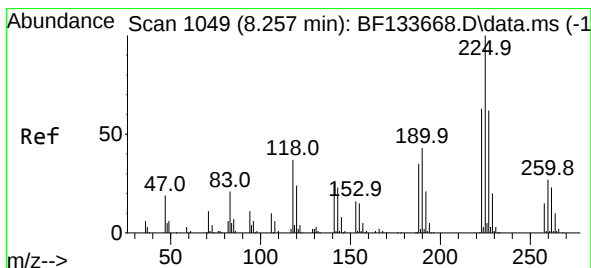
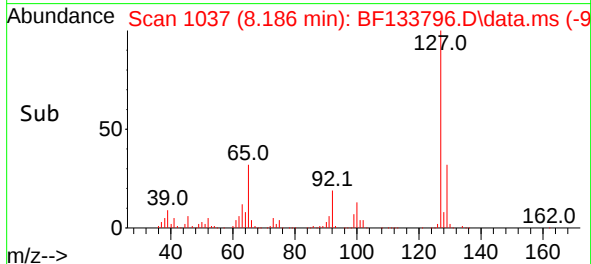
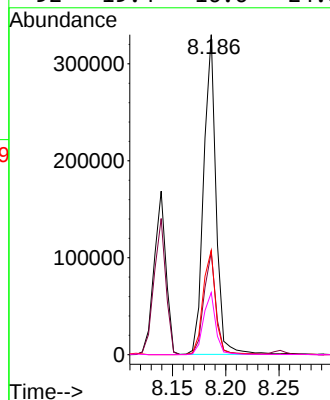
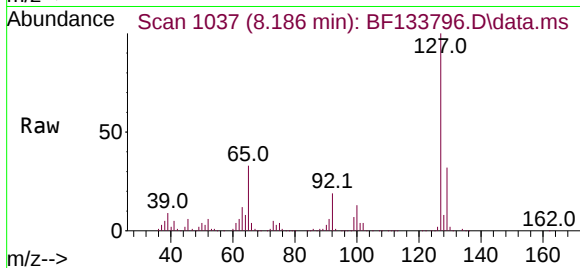




#33
4-Chloroaniline
Concen: 27.129 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

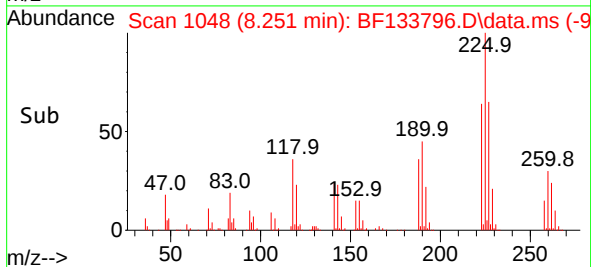
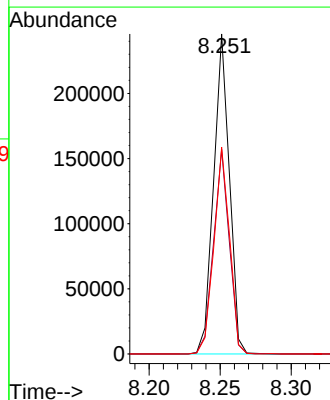
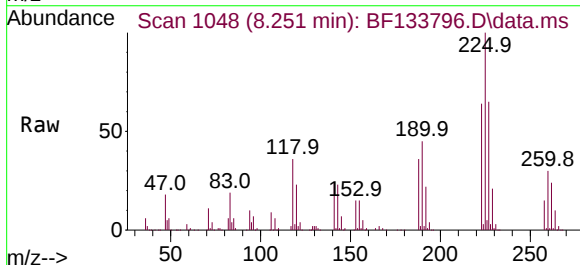
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

Tgt Ion:127	Resp: 266591
Ion Ratio	Lower Upper
127 100	
129 32.1	25.6 38.4
65 32.6	28.9 43.3
92 19.4	16.6 24.8



#34
Hexachlorobutadiene
Concen: 42.046 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:225	Resp: 189889
Ion Ratio	Lower Upper
225 100	
223 64.0	50.2 75.4
227 64.6	49.5 74.3

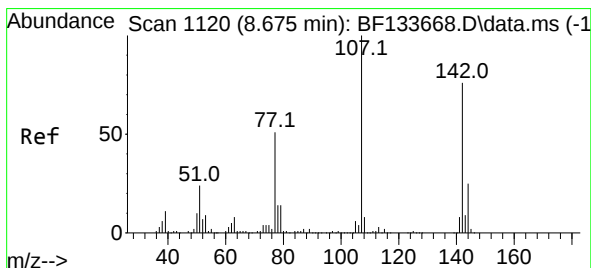
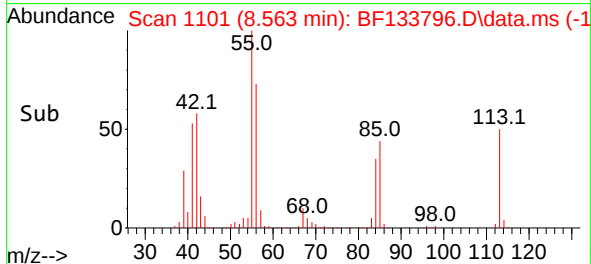
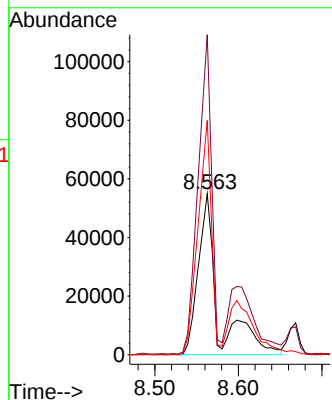
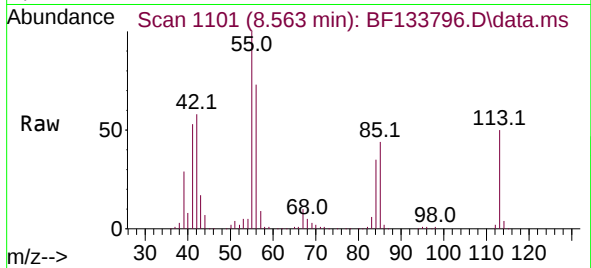




#35
 Caprolactam
 Concen: 40.719 ng m
 RT: 8.563 min Scan# 1101
 Delta R.T. -0.000 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

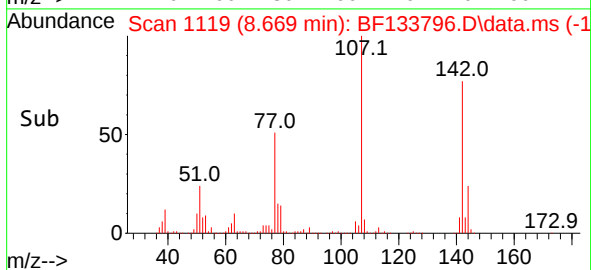
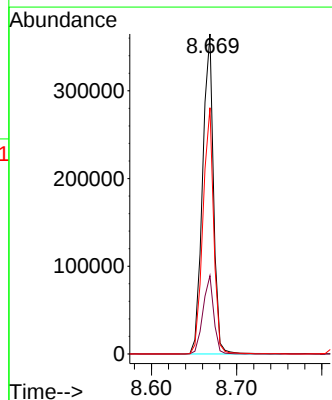
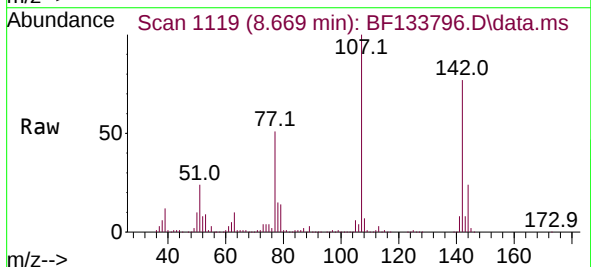
Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREWMS

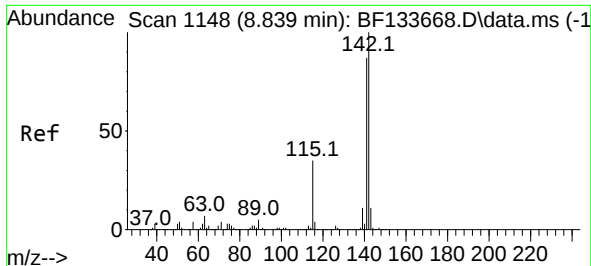
Tgt Ion:113 Resp: 90587
 Ion Ratio Lower Upper
 113 100
 55 198.8 173.3 213.3
 56 145.5 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.599 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.006 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

Tgt Ion:107 Resp: 324629
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.7 29.5
 142 77.0 61.1 91.7





#37

2-Methylnaphthalene

Concen: 41.110 ng

RT: 8.827 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

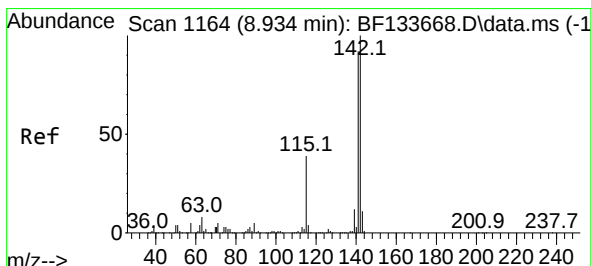
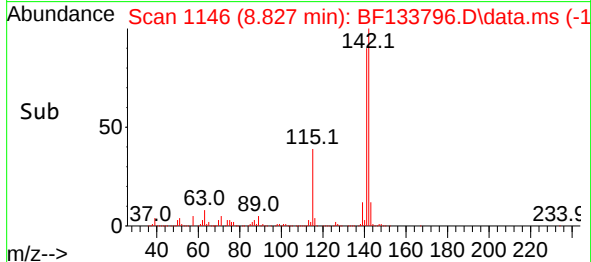
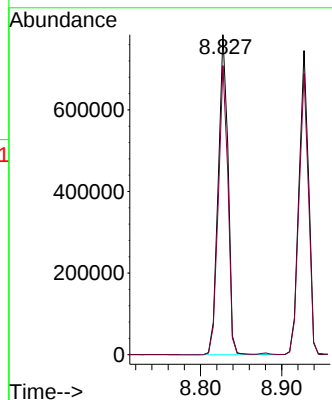
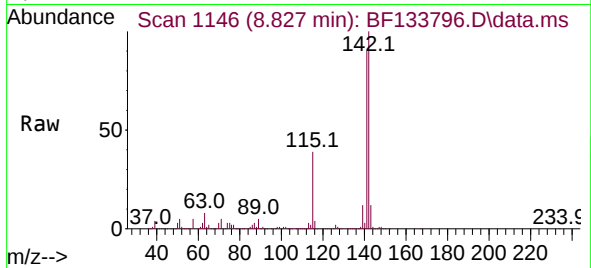
C-ANDREWMS

Tgt Ion:142 Resp: 656454

Ion Ratio Lower Upper

142 100

141 90.3 69.8 104.8



#38

1-Methylnaphthalene

Concen: 41.426 ng

RT: 8.927 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF133796.D

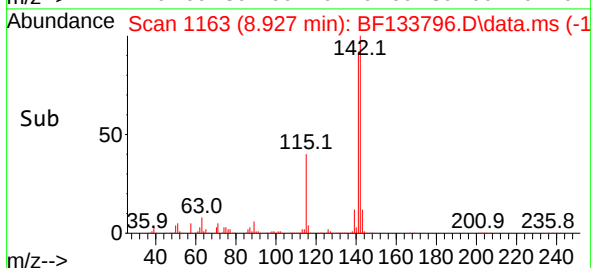
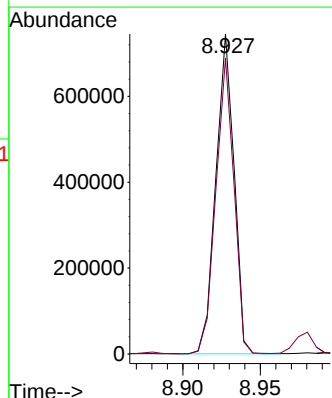
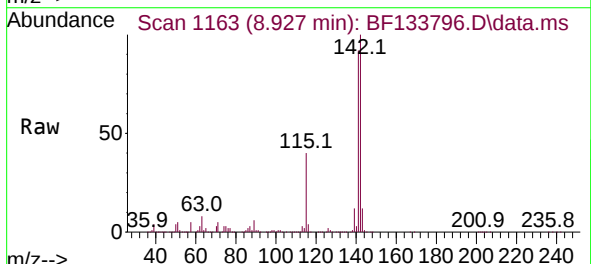
Acq: 16 Jun 2023 02:39

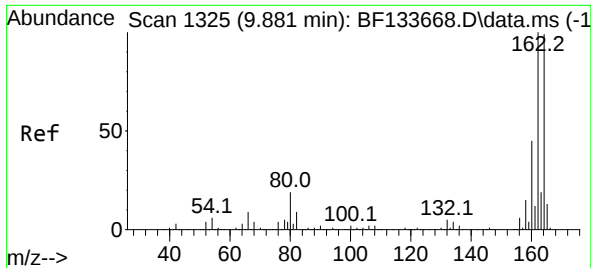
Tgt Ion:142 Resp: 608706

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.0

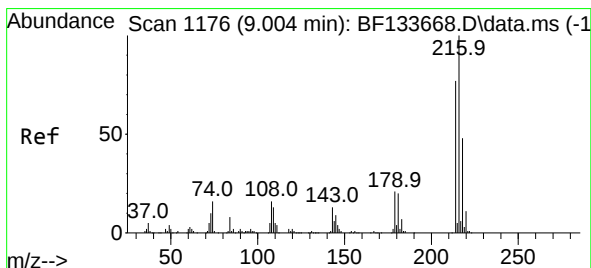
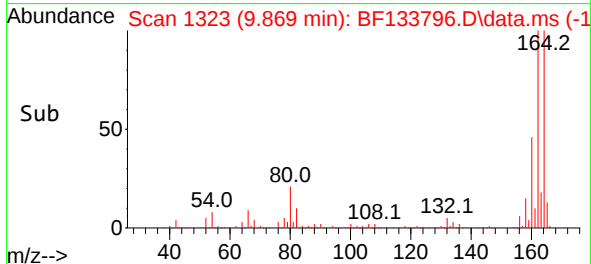
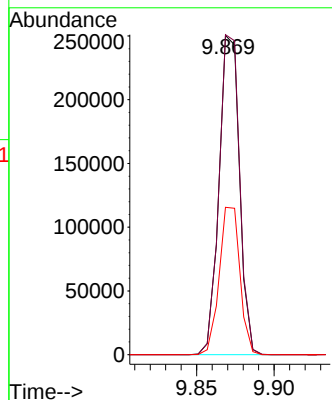
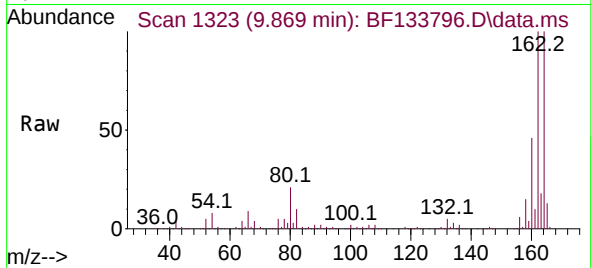




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

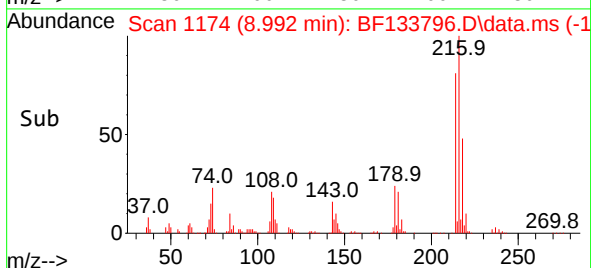
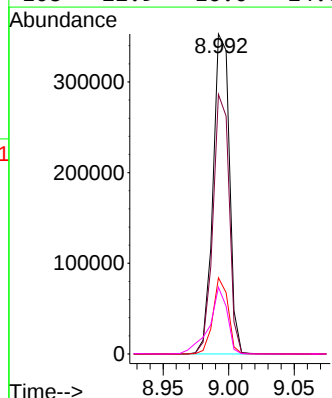
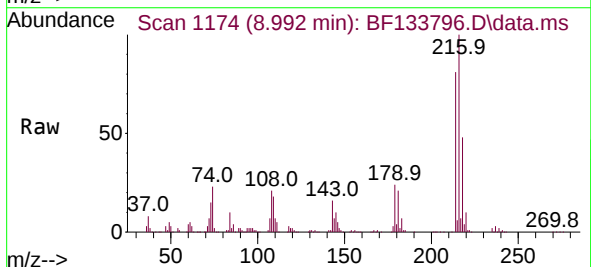
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

Tgt Ion:164 Resp: 230117
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 46.1 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.924 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:216 Resp: 307282
Ion Ratio Lower Upper
216 100
214 80.0 62.7 94.1
179 22.0 17.6 26.4
108 22.9 16.0 24.0

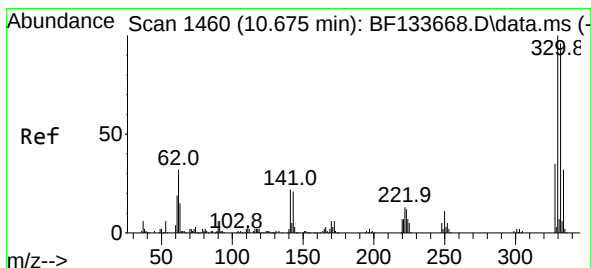
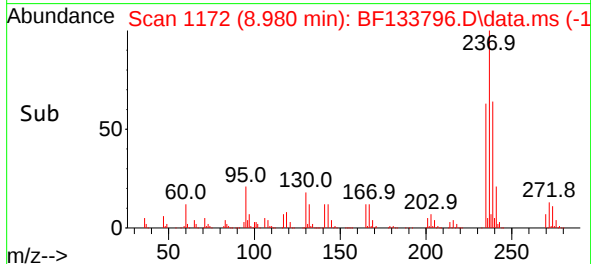
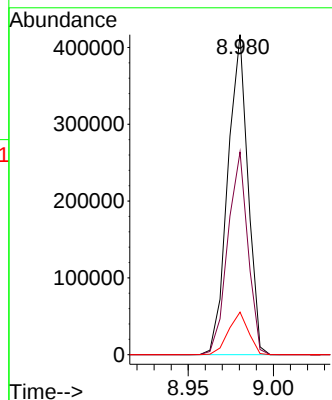
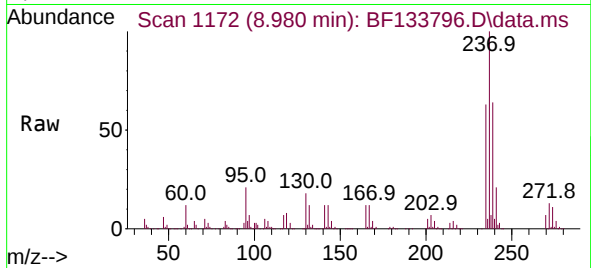




#41
Hexachlorocyclopentadiene
Concen: 109.343 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

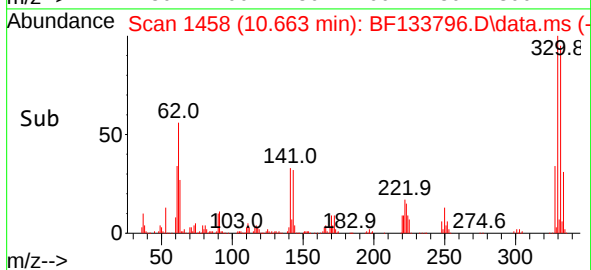
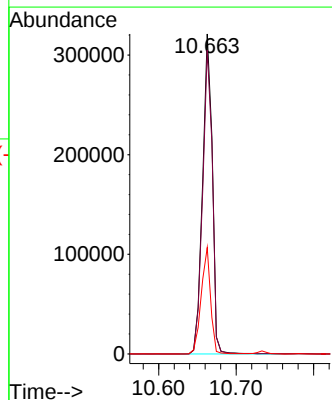
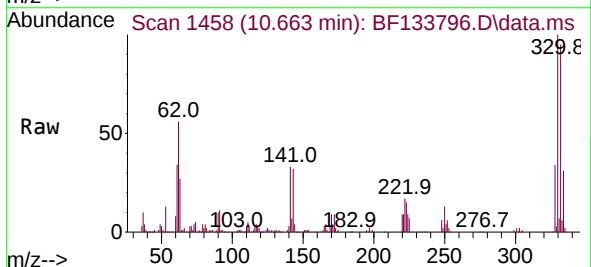
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

Tgt Ion:237 Resp: 340880
Ion Ratio Lower Upper
237 100
235 63.4 40.6 80.6
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 95.948 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:330 Resp: 279485
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 32.2 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 44.572 ng

RT: 9.104 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

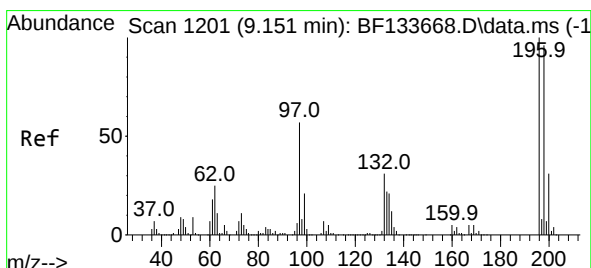
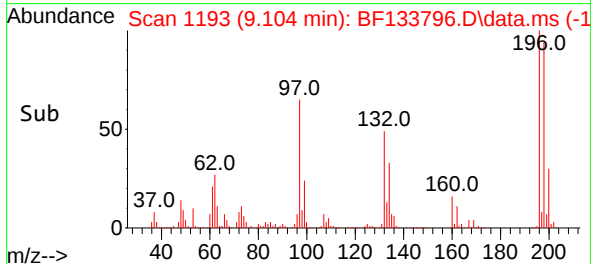
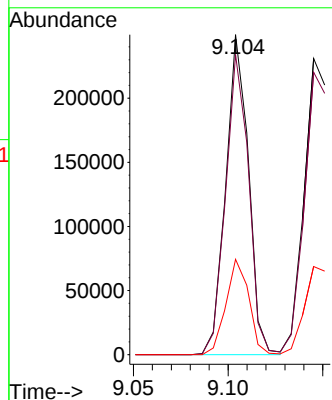
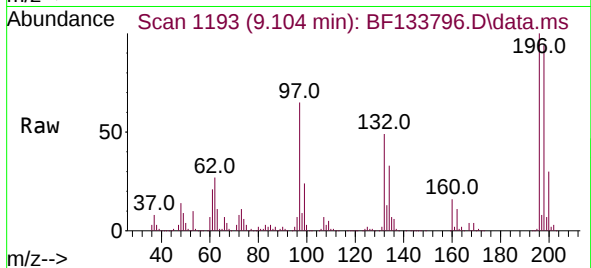
Tgt Ion:196 Resp: 208367

Ion Ratio Lower Upper

196 100

198 93.8 74.5 111.7

200 29.8 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 40.597 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Tgt Ion:196 Resp: 220795

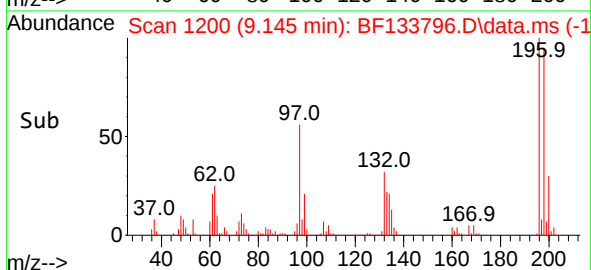
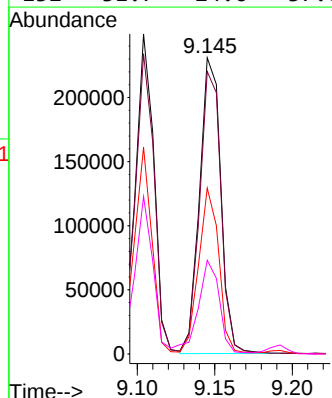
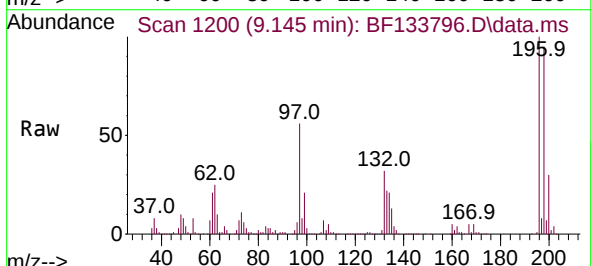
Ion Ratio Lower Upper

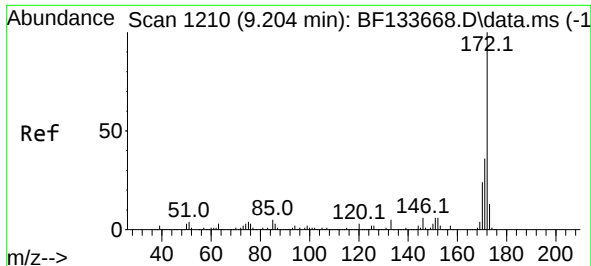
196 100

198 95.3 76.8 115.2

97 56.0 45.4 68.2

132 31.7 24.6 37.0

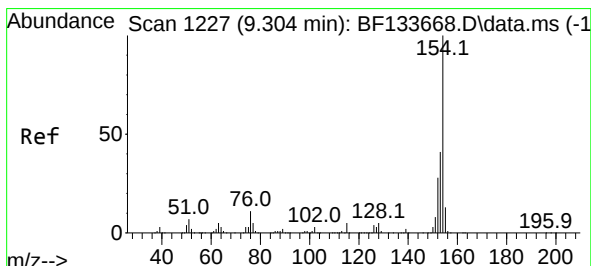
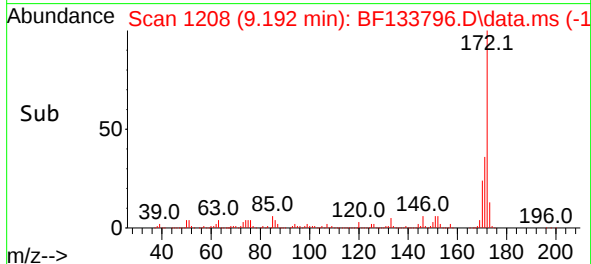
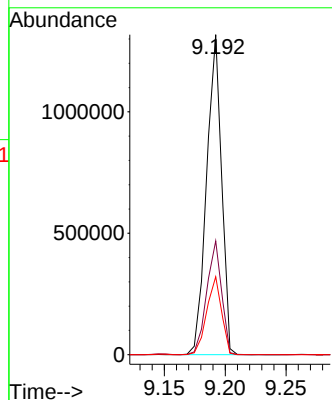
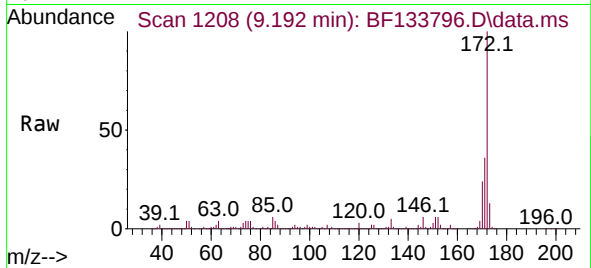




#45
2-Fluorobiphenyl
Concen: 69.650 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

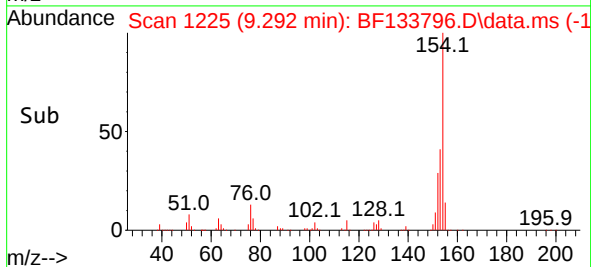
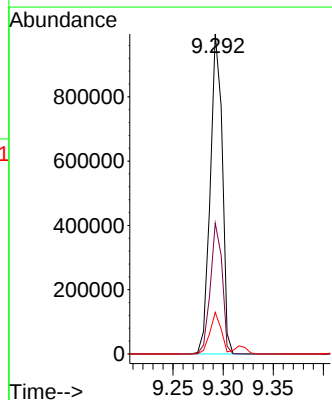
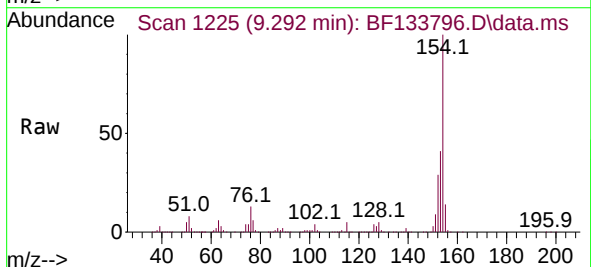
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

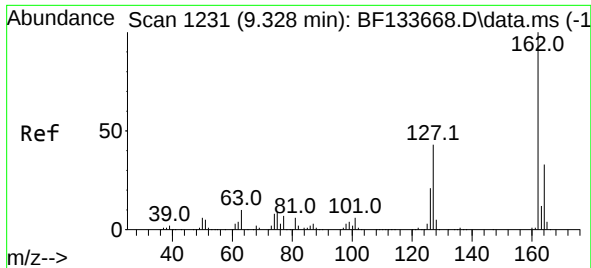
Tgt Ion:172 Resp: 1127498
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 44.815 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:154 Resp: 831736
Ion Ratio Lower Upper
154 100
153 40.9 20.6 60.6
76 13.0 0.0 31.0

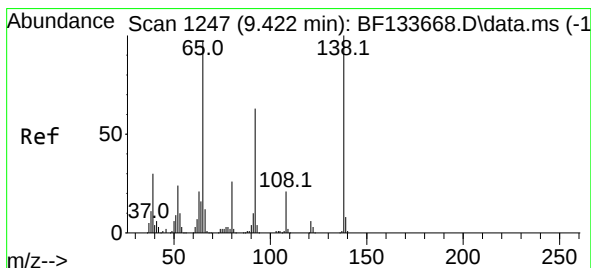
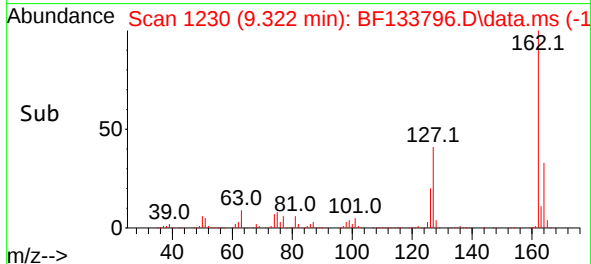
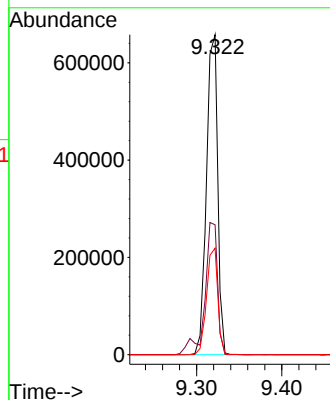
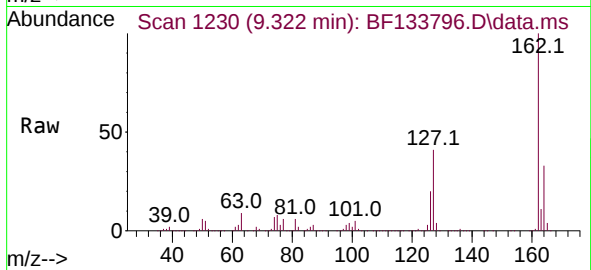




#47
2-Chloronaphthalene
Concen: 45.159 ng
RT: 9.322 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

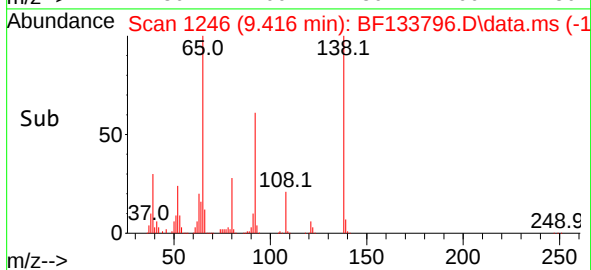
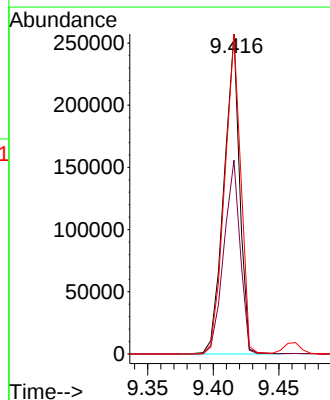
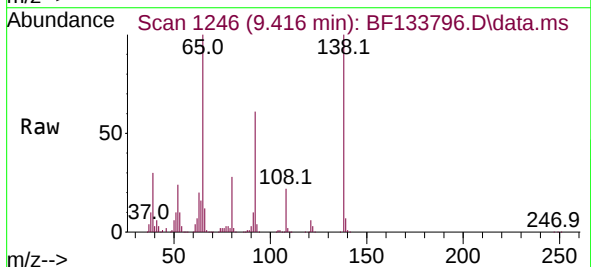
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

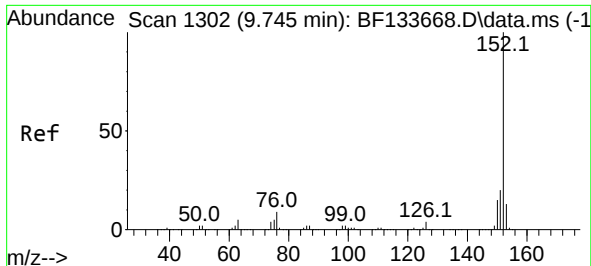
Tgt Ion:162 Resp: 601192
Ion Ratio Lower Upper
162 100
127 40.6 34.6 52.0
164 33.3 26.4 39.6



#48
2-Nitroaniline
Concen: 43.791 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion: 65 Resp: 213214
Ion Ratio Lower Upper
65 100
92 60.5 51.8 77.6
138 100.0 82.1 123.1





#49

Acenaphthylene

Concen: 43.046 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

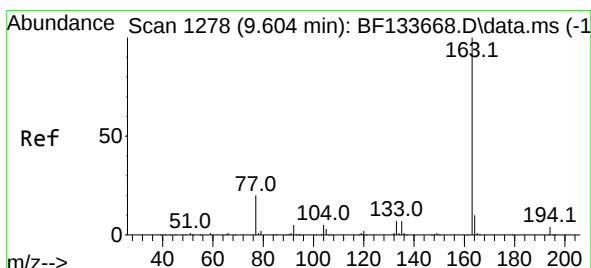
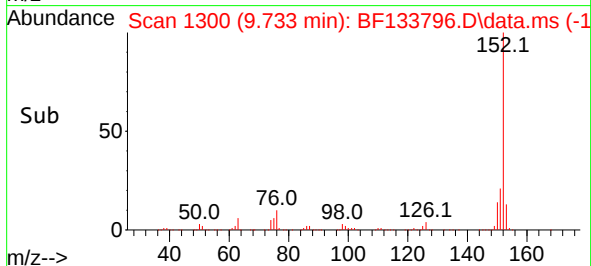
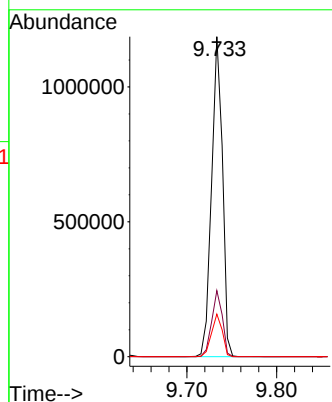
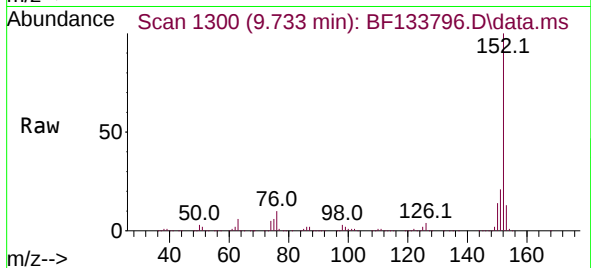
Tgt Ion:152 Resp: 997416

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 42.218 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

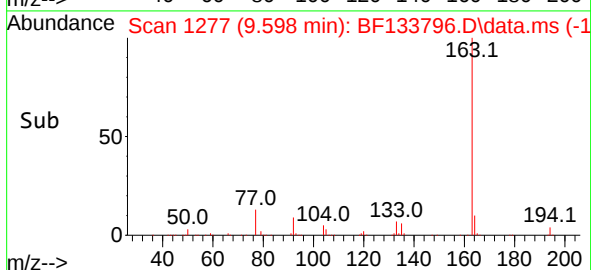
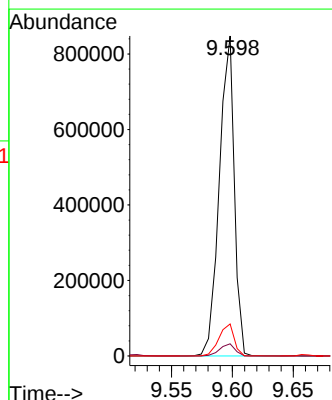
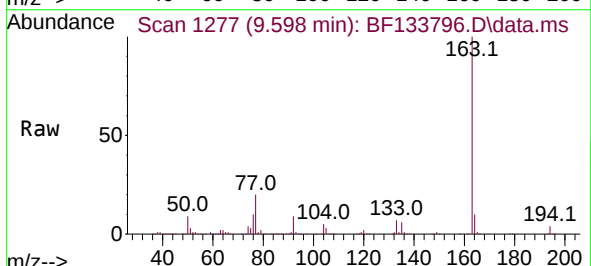
Tgt Ion:163 Resp: 725156

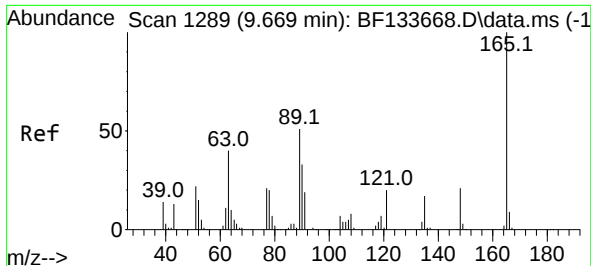
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.0 8.0 12.0

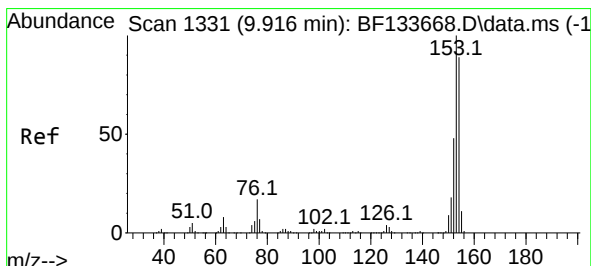
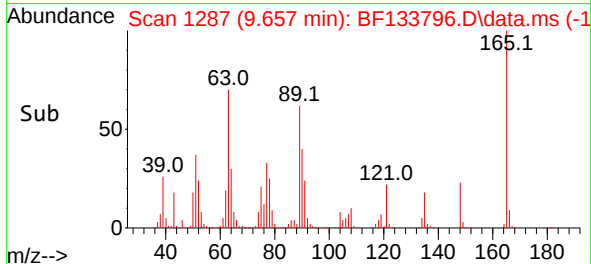
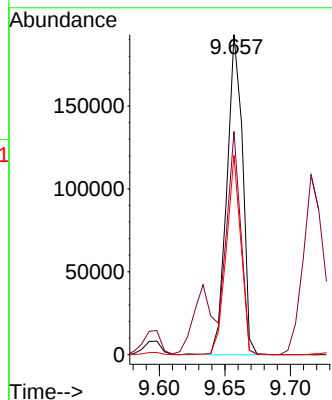
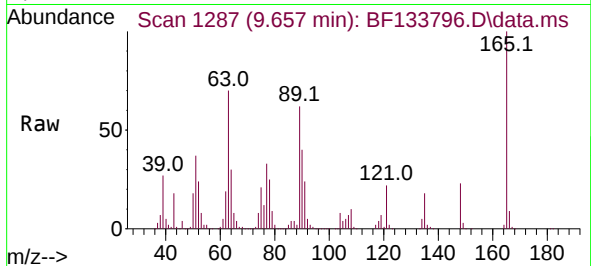




#51
2,6-Dinitrotoluene
Concen: 45.085 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

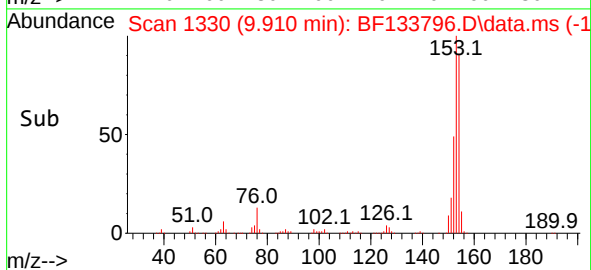
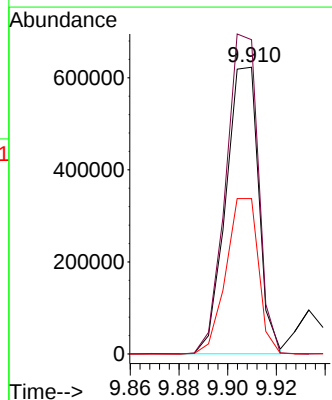
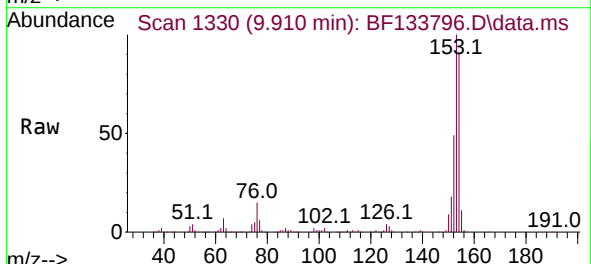
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

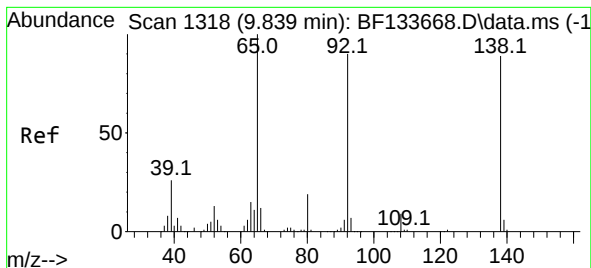
Tgt Ion:165 Resp: 159842
Ion Ratio Lower Upper
165 100
63 69.8 42.1 63.1#
89 62.3 40.9 61.3#



#52
Acenaphthene
Concen: 43.073 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:154 Resp: 584192
Ion Ratio Lower Upper
154 100
153 109.6 89.8 134.8
152 54.2 43.4 65.2





#53

3-Nitroaniline

Concen: 33.820 ng

RT: 9.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

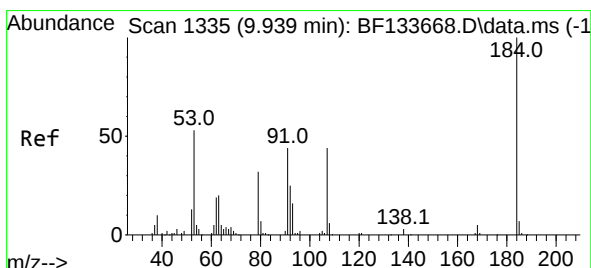
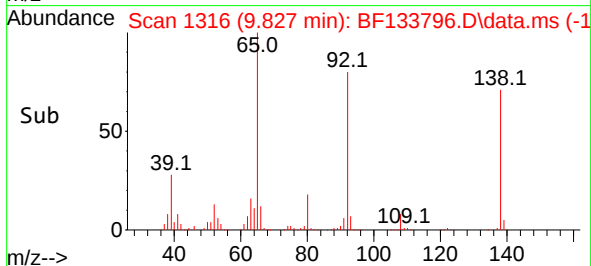
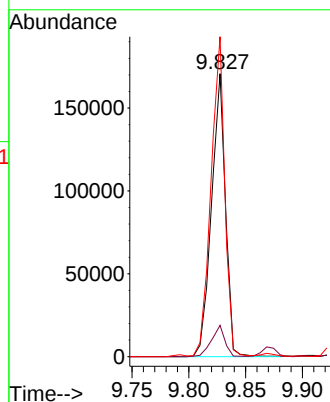
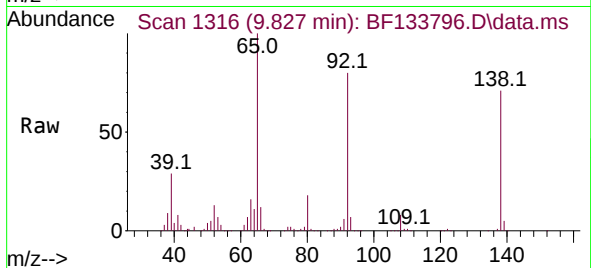
Tgt Ion:138 Resp: 145917

Ion Ratio Lower Upper

138 100

108 11.1 8.2 12.4

92 113.0 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 66.670 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

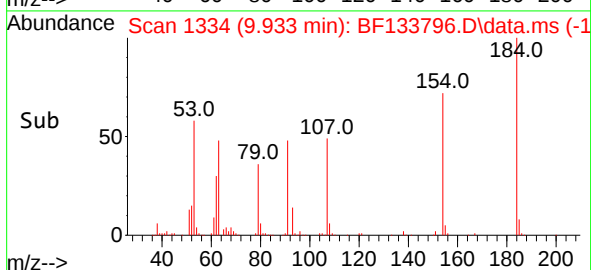
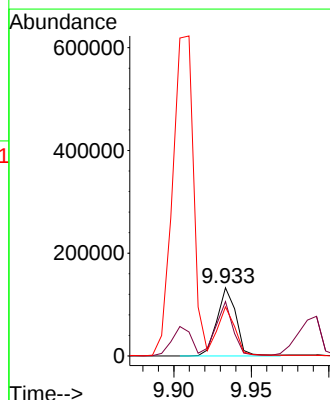
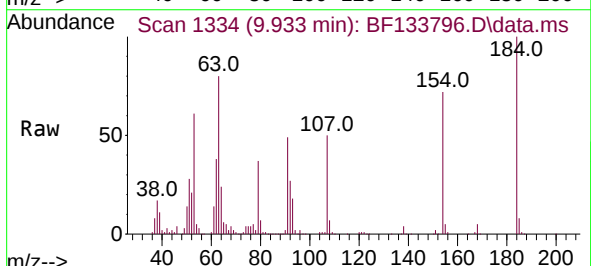
Tgt Ion:184 Resp: 113727

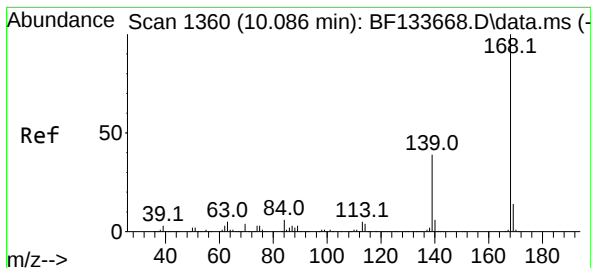
Ion Ratio Lower Upper

184 100

63 79.8 55.3 82.9

154 72.0 51.9 77.9

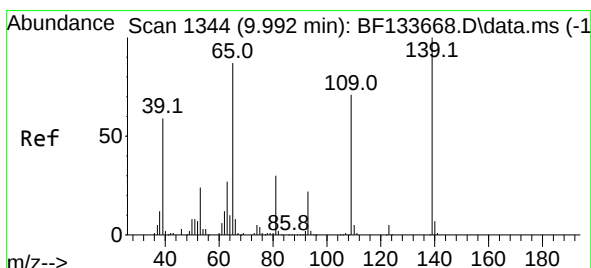
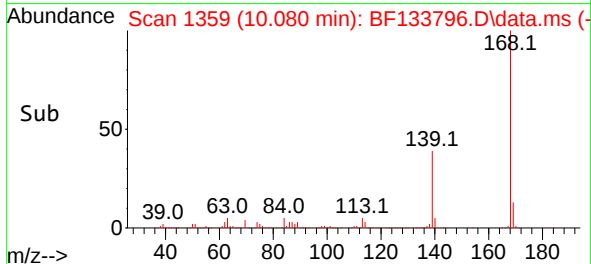
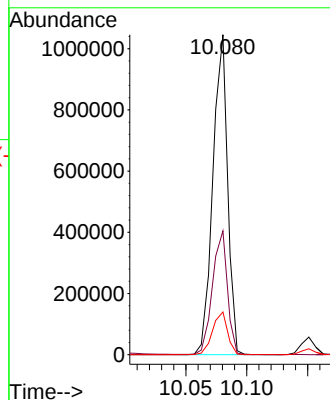
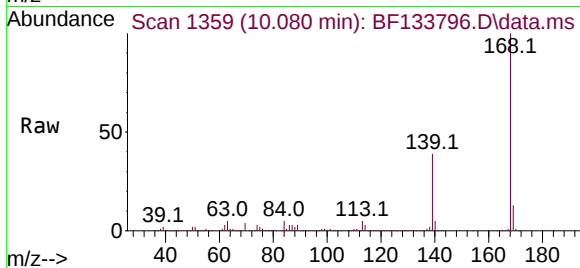




#55
Dibenzofuran
Concen: 42.363 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

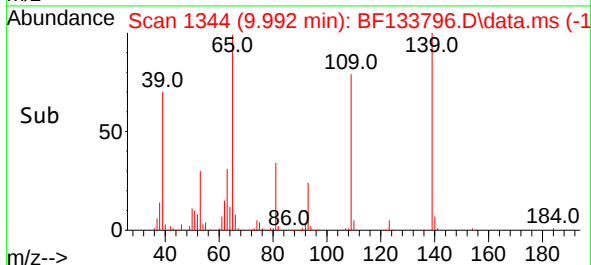
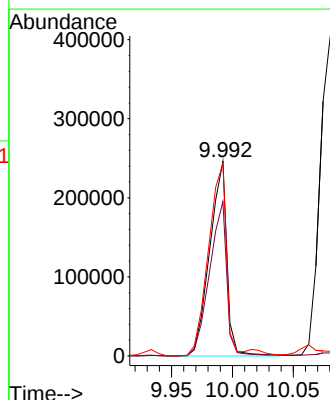
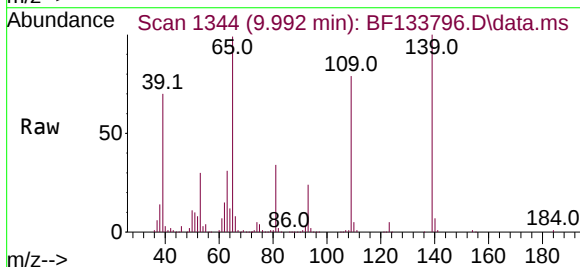
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

Tgt Ion:168 Resp: 876725
Ion Ratio Lower Upper
168 100
139 38.7 30.9 46.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 82.996 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:139 Resp: 241666
Ion Ratio Lower Upper
139 100
109 79.4 50.7 90.7
65 99.0 67.1 107.1

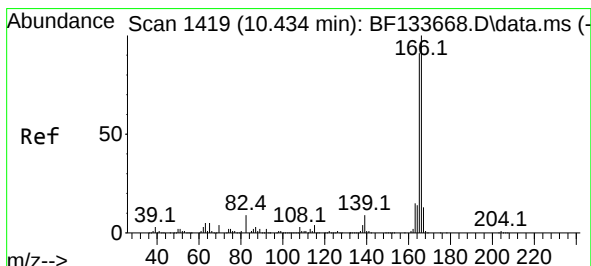
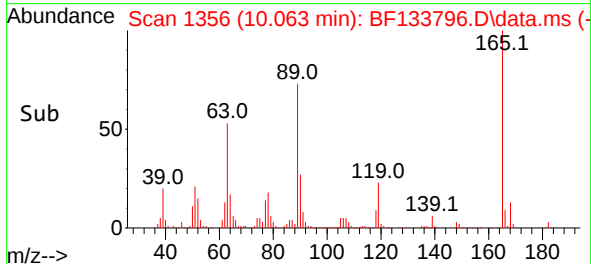
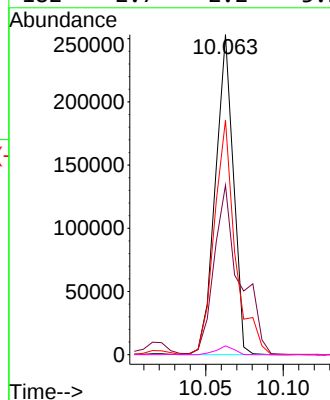
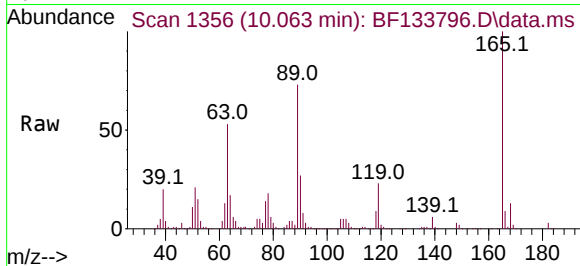




#57
2,4-Dinitrotoluene
Concen: 45.469 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

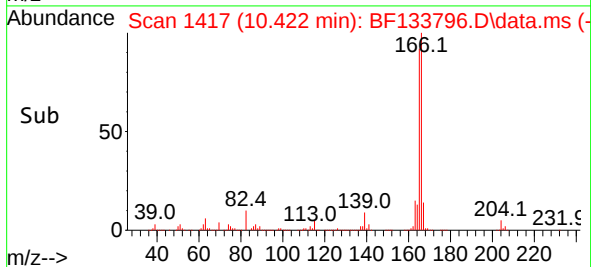
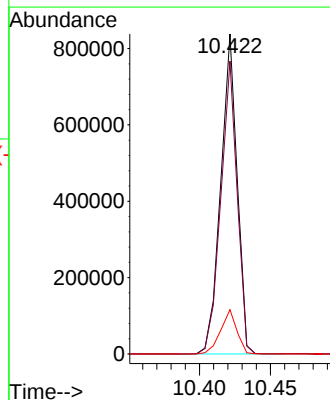
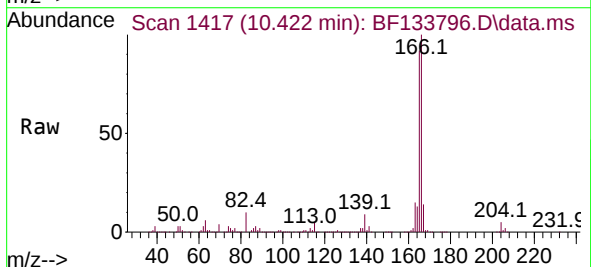
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

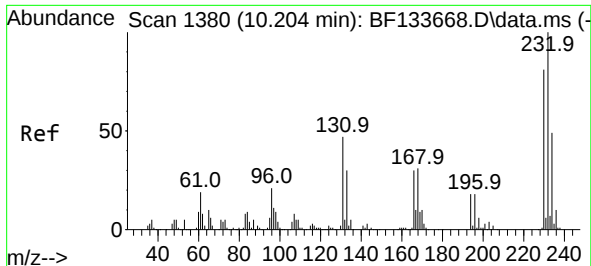
Tgt Ion:165 Resp: 205021
Ion Ratio Lower Upper
165 100
63 52.9 43.0 64.6
89 73.3 62.6 93.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.416 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:166 Resp: 671294
Ion Ratio Lower Upper
166 100
165 91.5 73.1 109.7
167 13.8 10.5 15.7

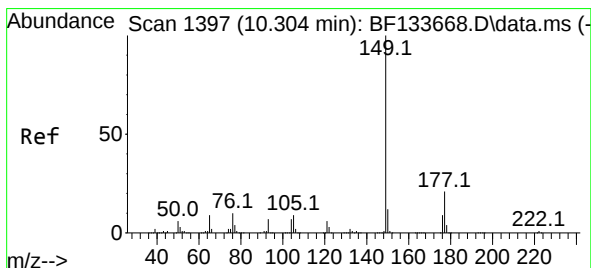
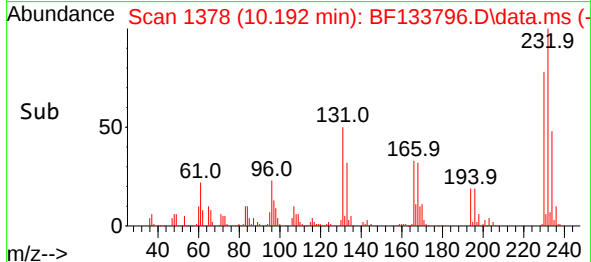
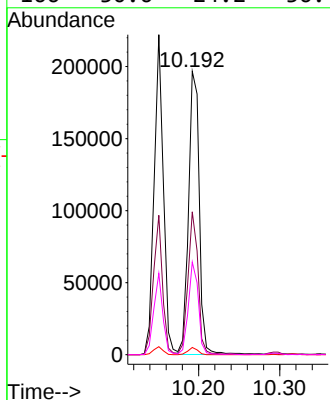
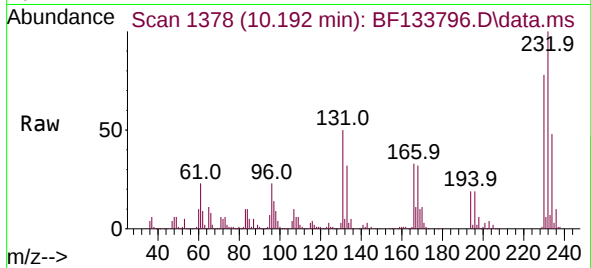




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.400 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

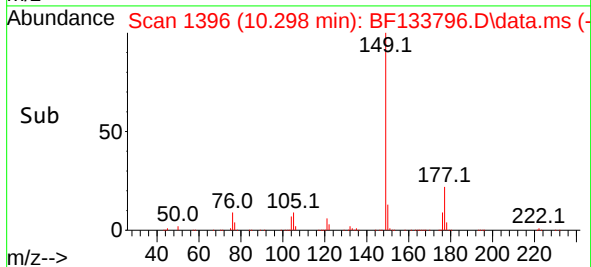
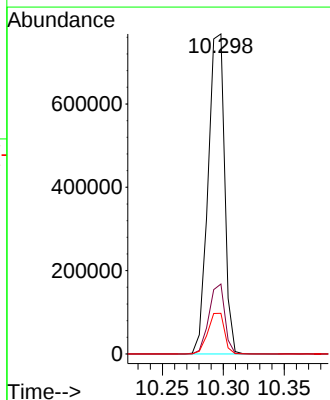
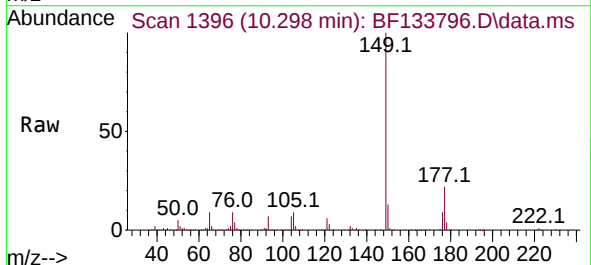
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

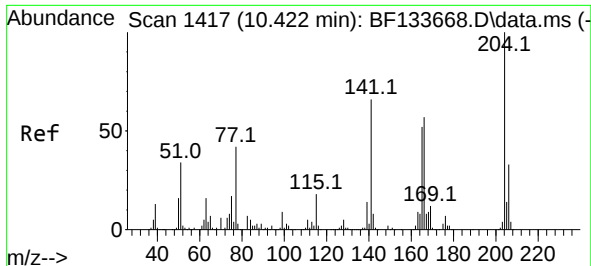
Tgt Ion:232 Resp: 180791
Ion Ratio Lower Upper
232 100
131 46.9 38.0 57.0
130 2.3 1.8 2.8
166 30.6 24.2 36.4



#60
Diethylphthalate
Concen: 41.174 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:149 Resp: 719781
Ion Ratio Lower Upper
149 100
177 21.9 17.0 25.6
150 12.7 10.0 15.0

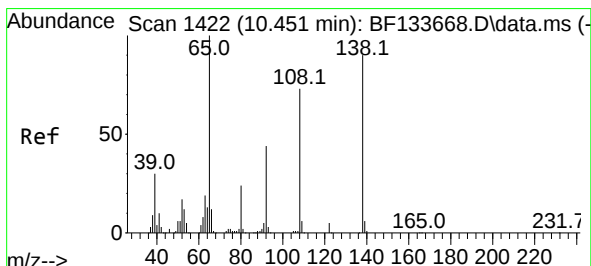
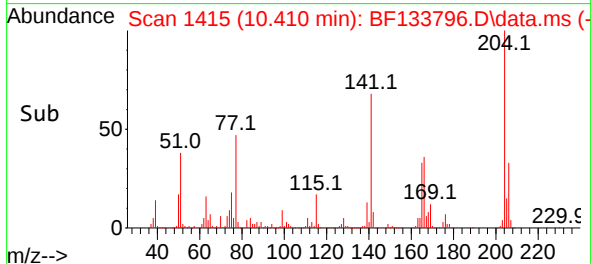
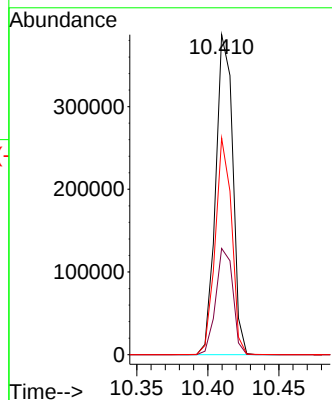
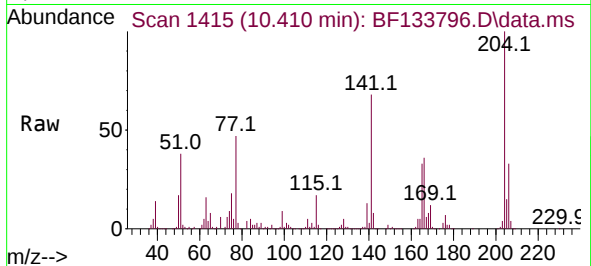




#61
4-Chlorophenyl-phenylether
Concen: 41.444 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

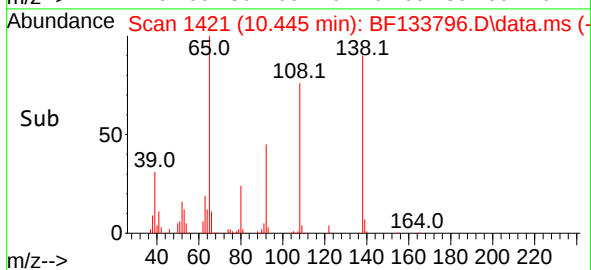
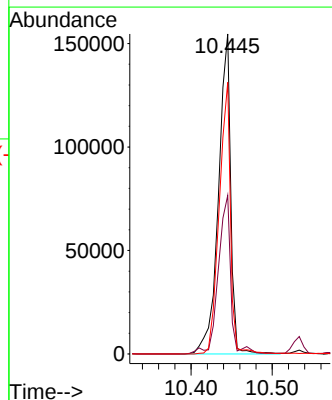
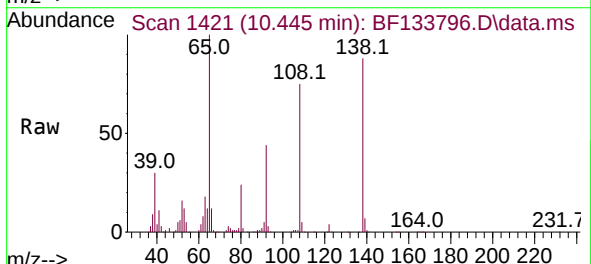
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

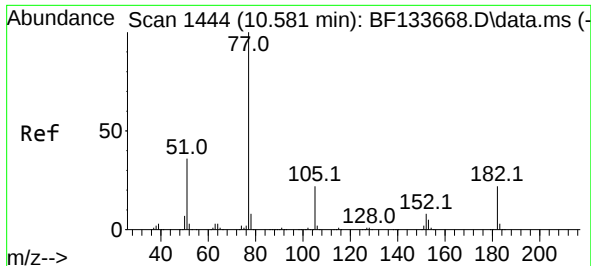
Tgt Ion:204 Resp: 323808
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 67.7 52.8 79.2



#62
4-Nitroaniline
Concen: 38.318 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:138 Resp: 162094
Ion Ratio Lower Upper
138 100
92 49.6 28.9 68.9
108 84.9 61.0 101.0

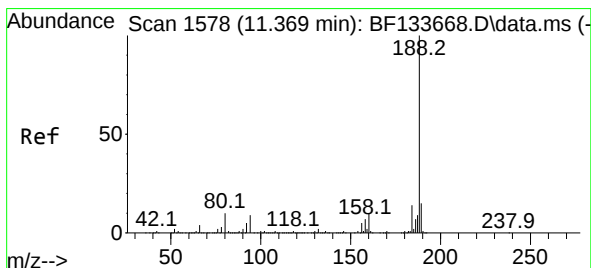
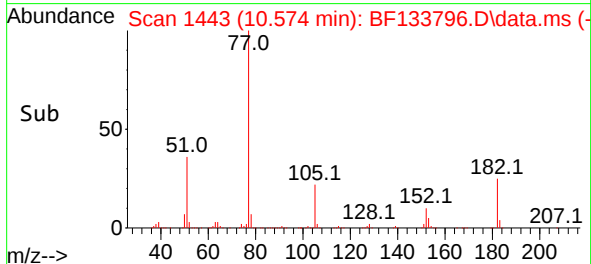
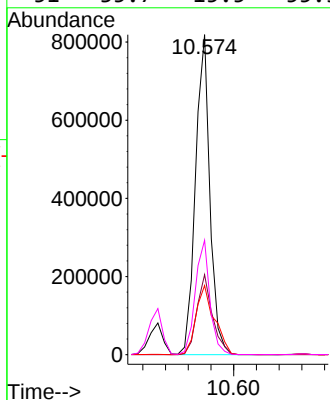
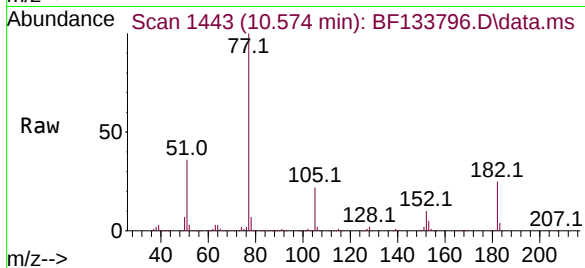




#63
Azobenzene
Concen: 43.466 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

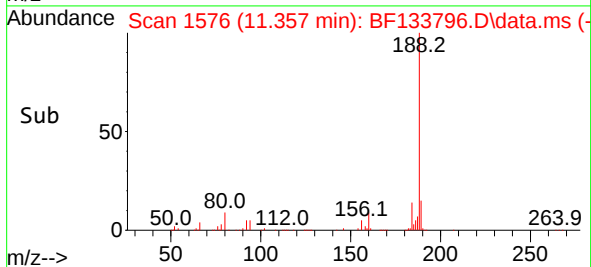
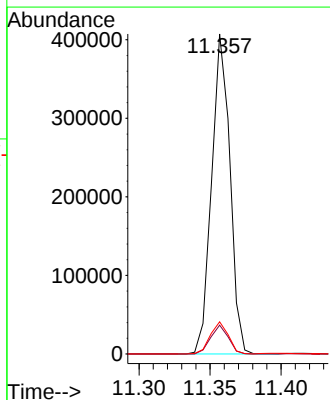
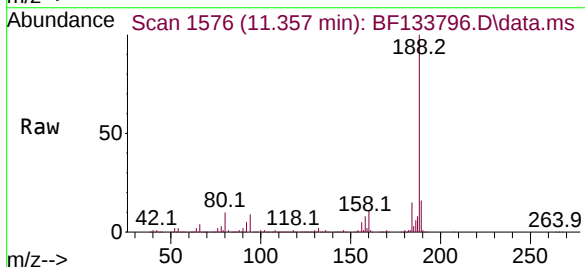
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

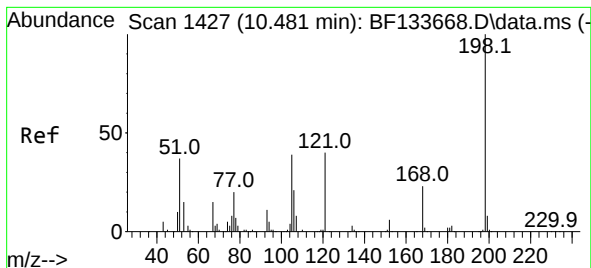
Tgt Ion:	77	Resp:	719333
Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.6	41.6
105	21.6	1.6	41.6
51	35.7	15.5	55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:	188	Resp:	365289
Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	10.0	7.8	11.6

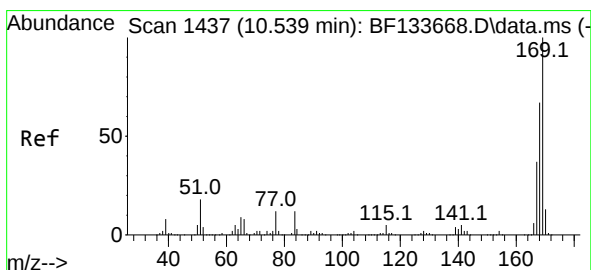
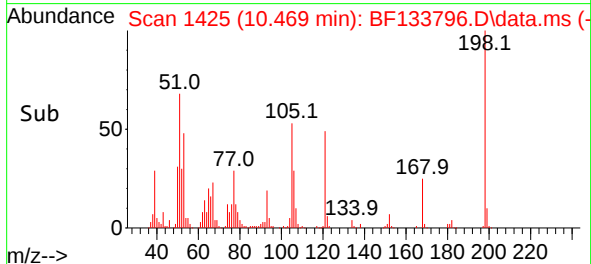
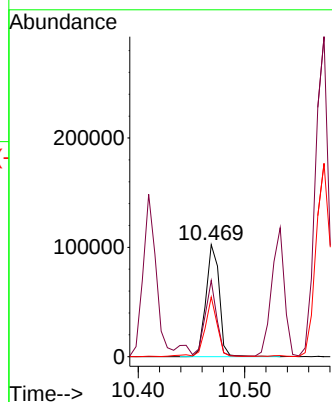
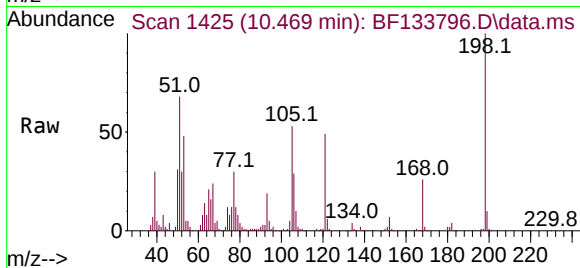




#65
4,6-Dinitro-2-methylphenol
Concen: 51.009 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

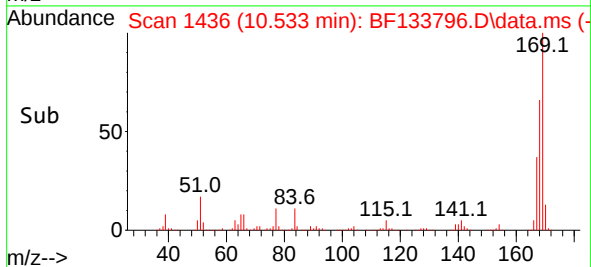
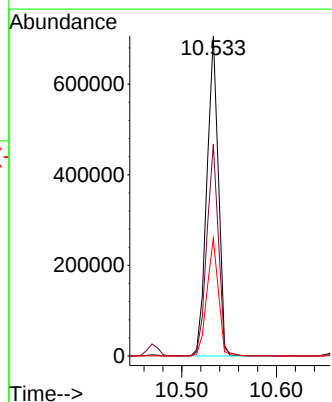
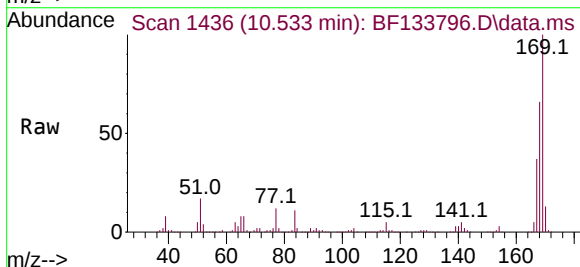
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

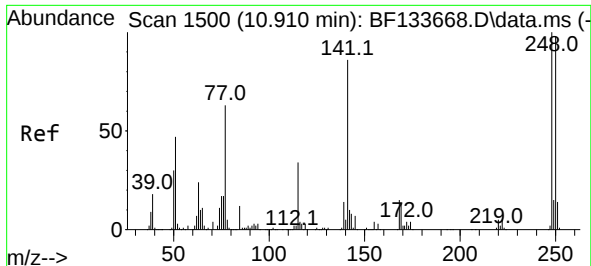
Tgt Ion:198 Resp: 89037
Ion Ratio Lower Upper
198 100
51 68.0 27.5 67.5#
105 53.3 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 48.521 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:169 Resp: 595363
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 36.7 29.8 44.8

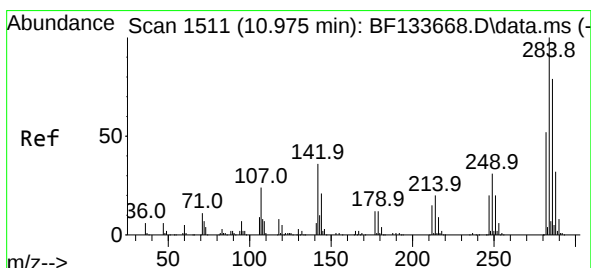
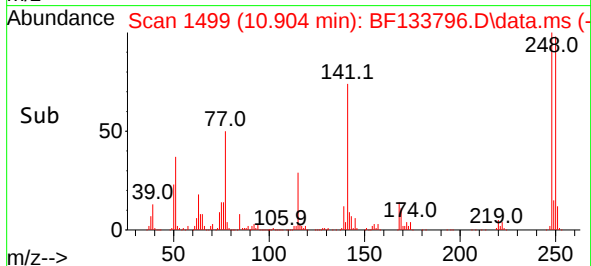
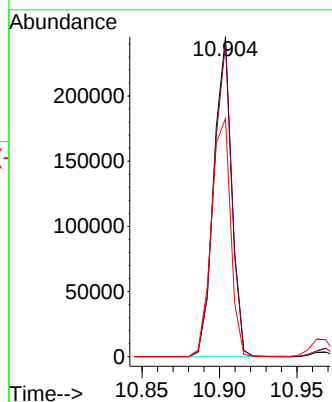
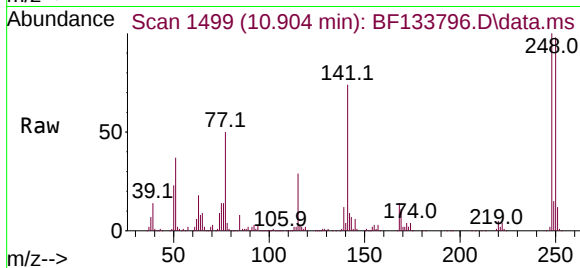




#67
4-Bromophenyl-phenylether
Concen: 48.312 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

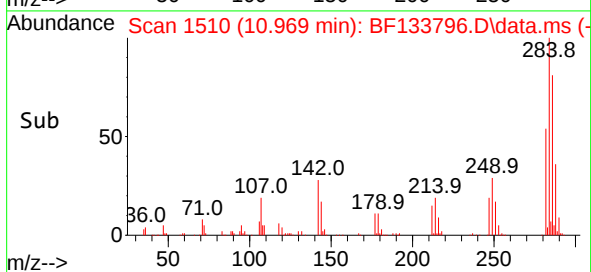
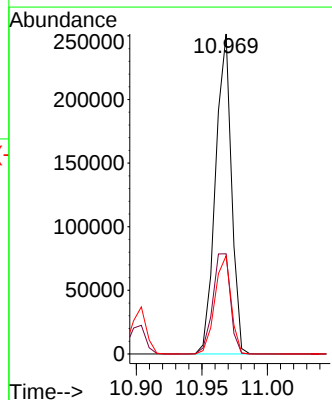
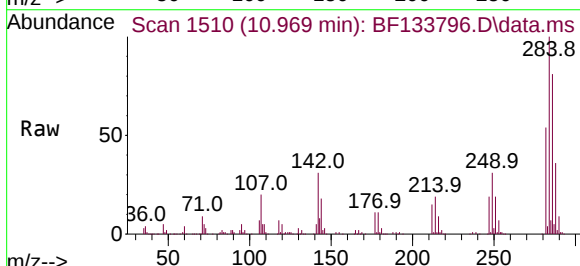
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

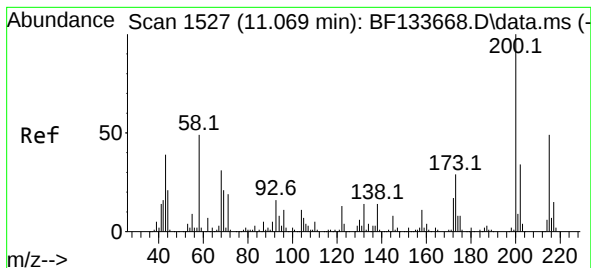
Tgt Ion:248 Resp: 196974
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 74.4 69.0 103.6



#68
Hexachlorobenzene
Concen: 49.495 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:284 Resp: 212206
Ion Ratio Lower Upper
284 100
142 31.3 28.6 42.8
249 30.6 24.6 36.8





#69

Atrazine

Concen: 52.212 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

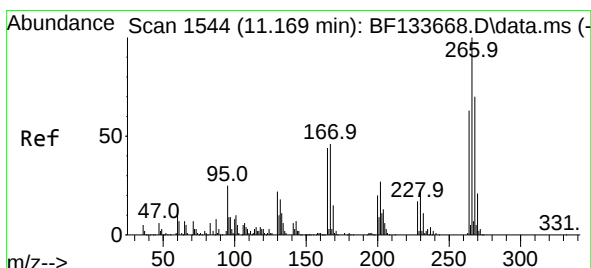
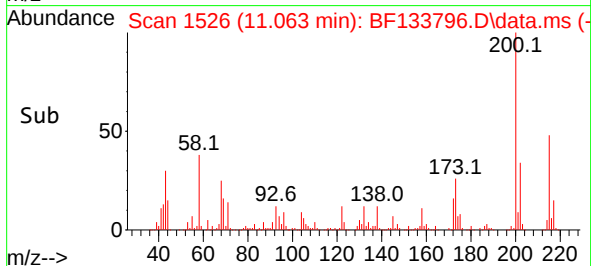
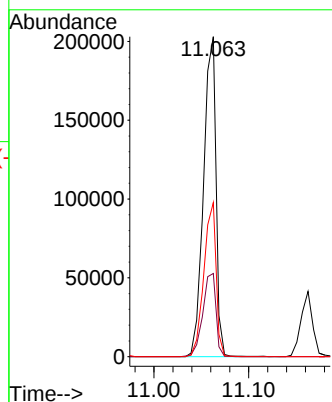
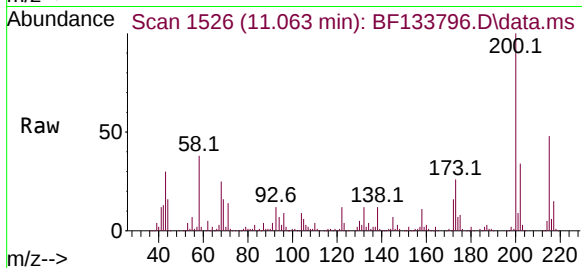
Tgt Ion:200 Resp: 185883

Ion Ratio Lower Upper

200 100

173 26.0 8.7 48.7

215 48.2 29.0 69.0



#70

Pentachlorophenol

Concen: 72.166 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

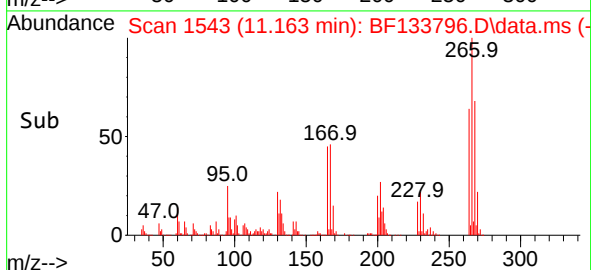
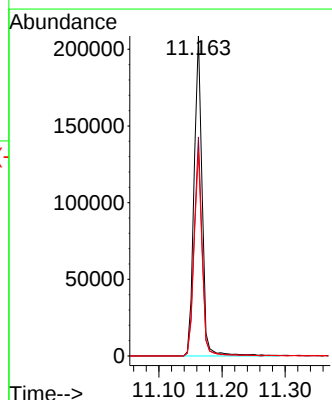
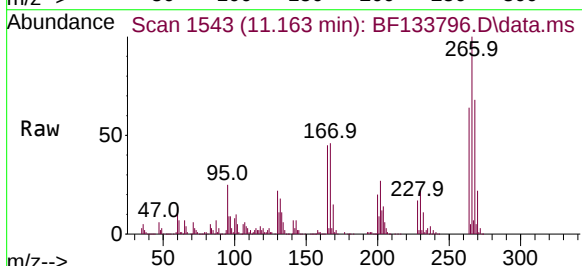
Tgt Ion:266 Resp: 185274

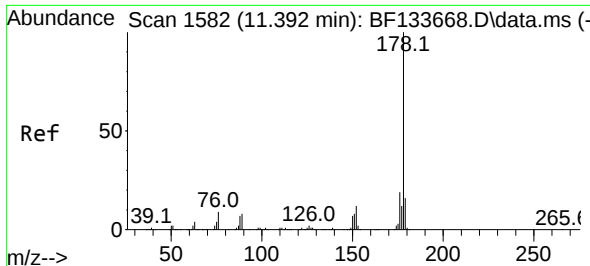
Ion Ratio Lower Upper

266 100

268 68.4 55.7 83.5

264 64.1 50.7 76.1

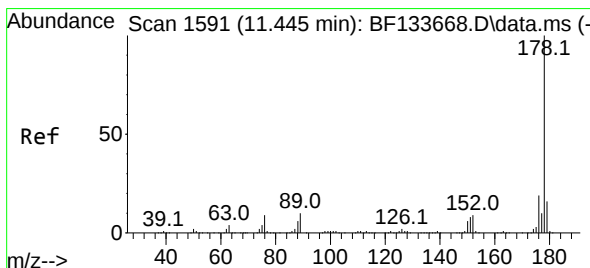
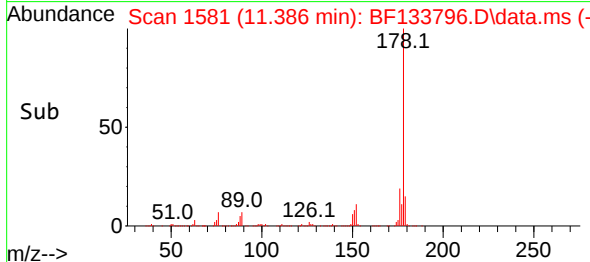
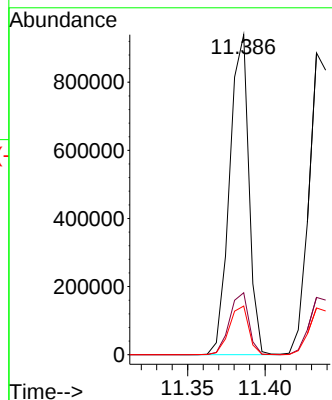
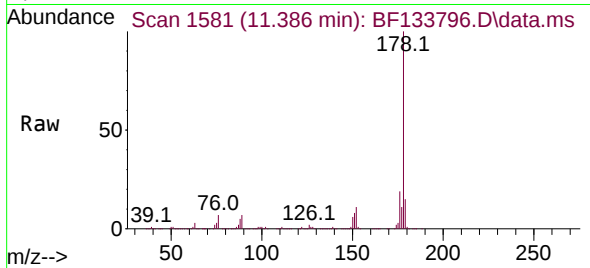




#71
Phenanthrene
Concen: 43.844 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

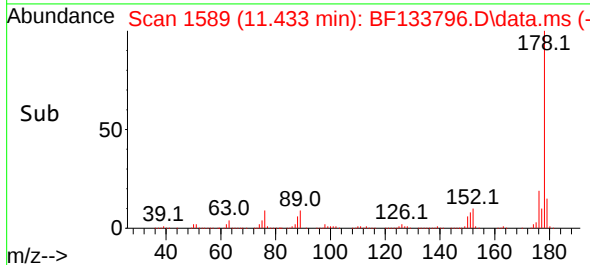
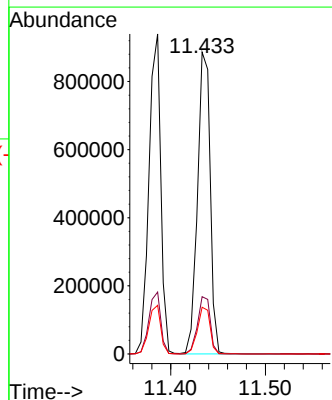
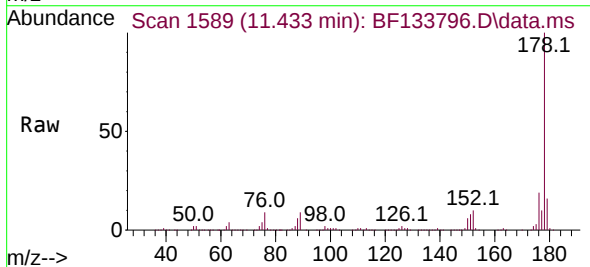
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

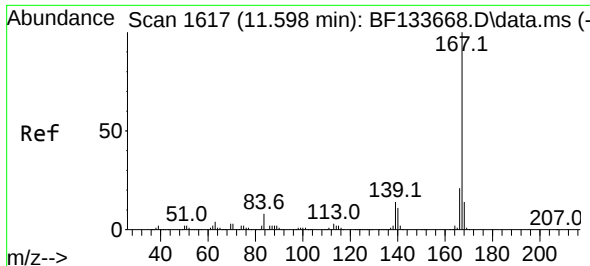
Tgt Ion:178 Resp: 812554
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.4 18.6



#72
Anthracene
Concen: 42.884 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

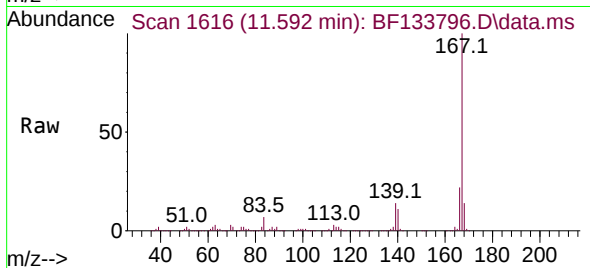
Tgt Ion:178 Resp: 828693
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.6 18.8



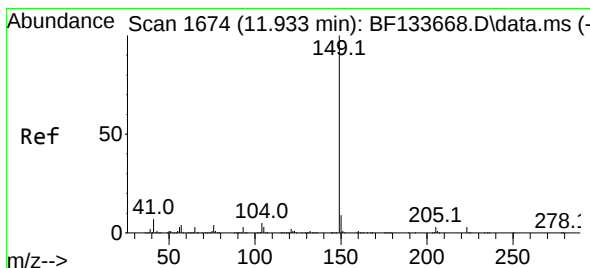
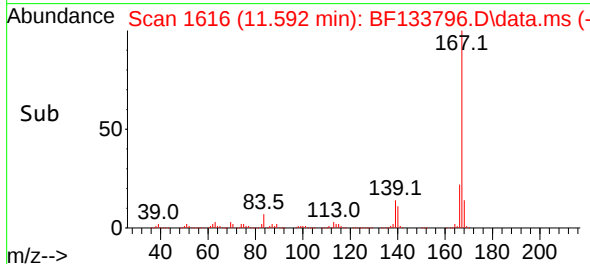
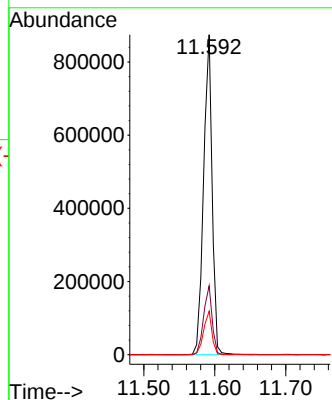


#73
Carbazole
Concen: 40.858 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

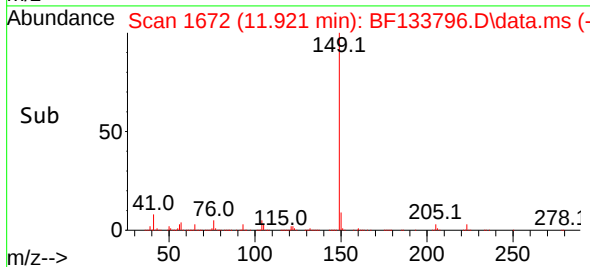
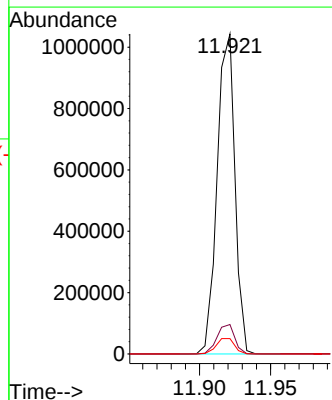
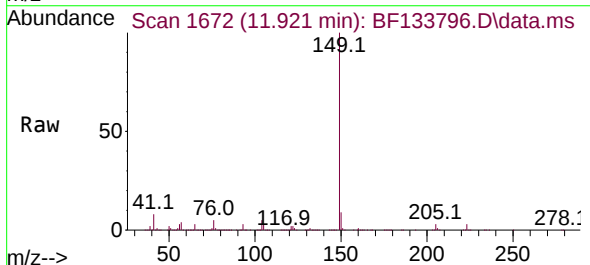


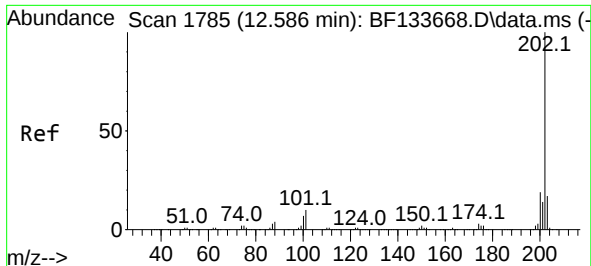
Tgt Ion:167 Resp: 735348
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.6 11.2 16.8



#74
Di-n-butylphthalate
Concen: 39.414 ng
RT: 11.921 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

Tgt Ion:149 Resp: 909400
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.8 3.8 5.8

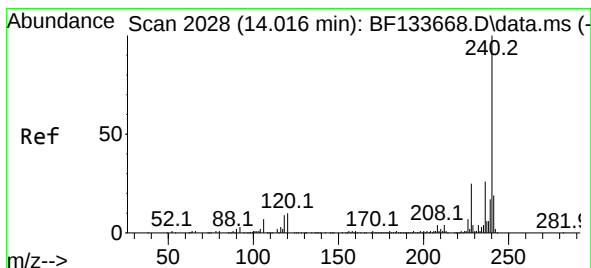
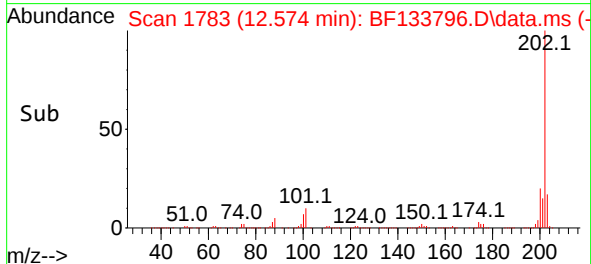
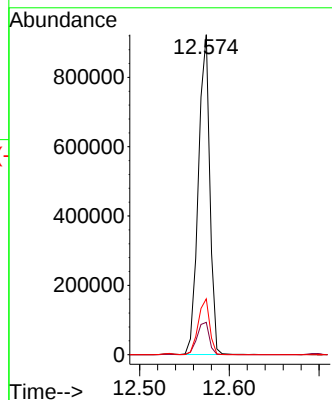
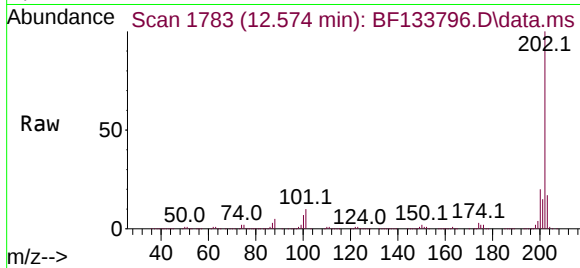




#75
 Fluoranthene
 Concen: 41.366 ng
 RT: 12.574 min Scan# 1783
 Delta R.T. -0.000 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

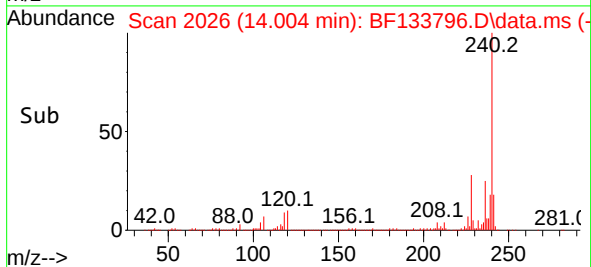
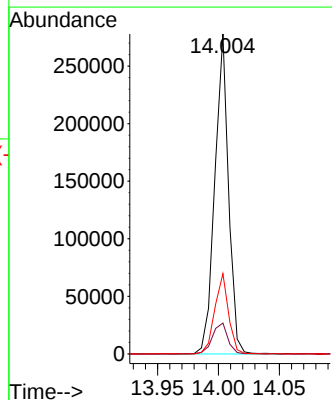
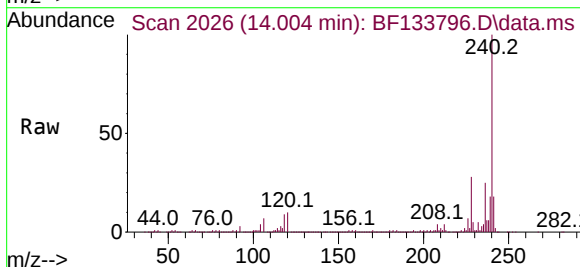
Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREWMS

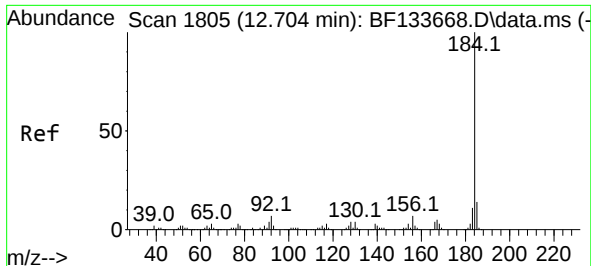
Tgt Ion:202 Resp: 814116
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 29.6
 203 17.4 0.0 37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

Tgt Ion:240 Resp: 218416
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.1 12.1
 236 25.1 20.5 30.7

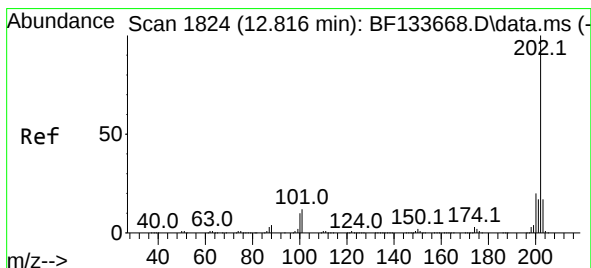
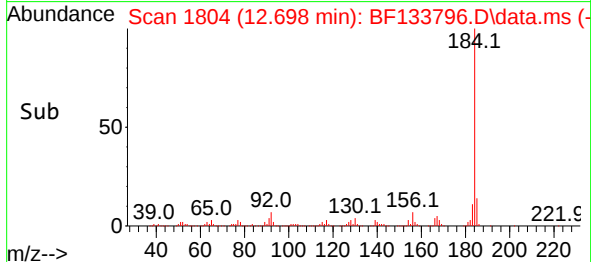
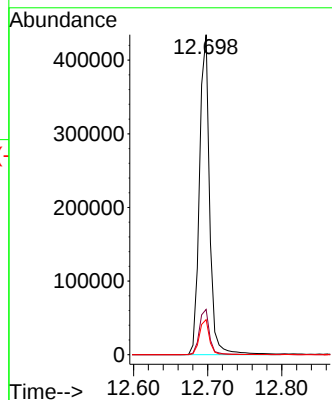
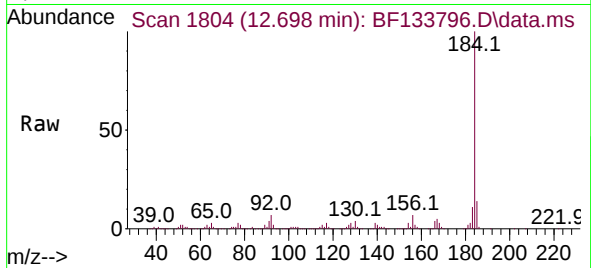




#77
Benzidine
Concen: 56.172 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

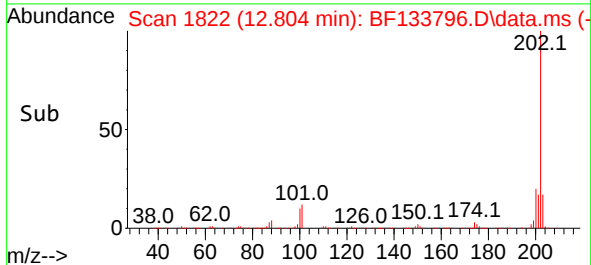
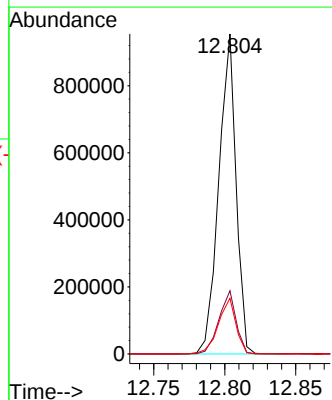
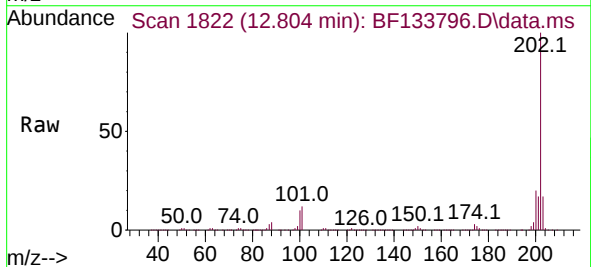
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMS

Tgt Ion:184 Resp: 411691
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.9 8.4 12.6



#78
Pyrene
Concen: 39.634 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133796.D
Acq: 16 Jun 2023 02:39

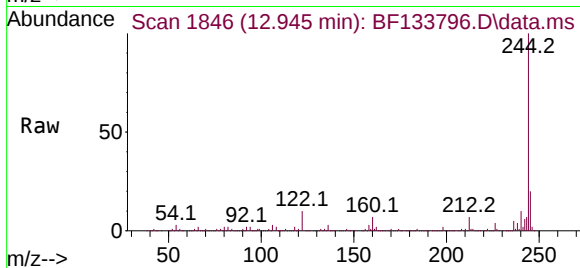
Tgt Ion:202 Resp: 806406
Ion Ratio Lower Upper
202 100
200 19.7 16.2 24.2
203 17.4 13.9 20.9



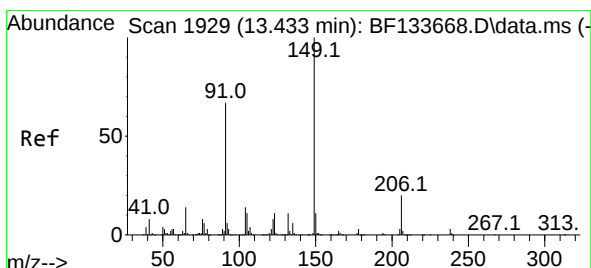
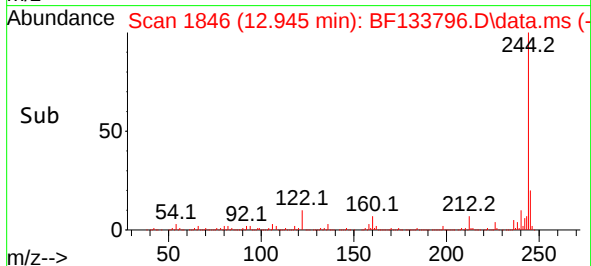
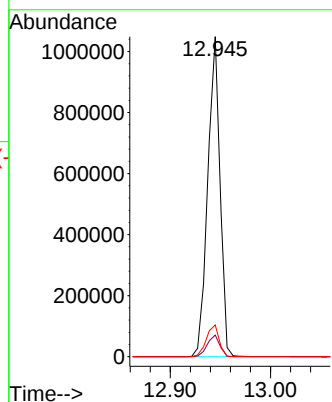


#79
 Terphenyl-d14
 Concen: 63.380 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREWMS

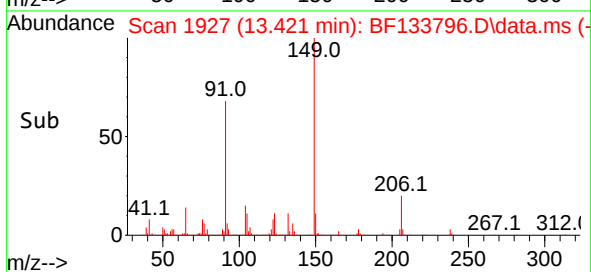
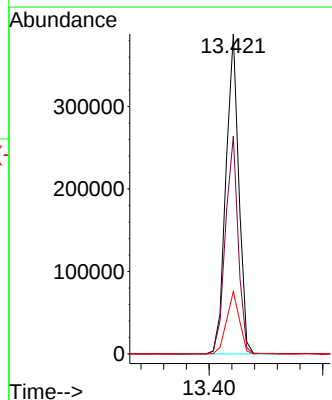
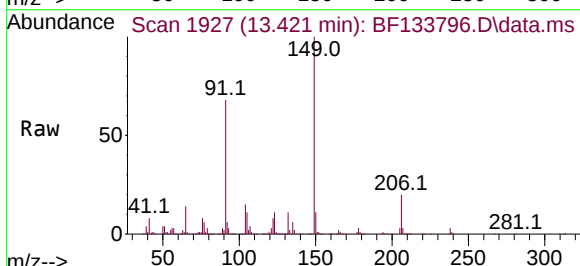


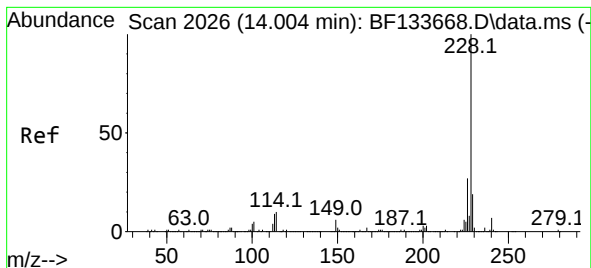
Tgt Ion:244 Resp: 894639
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.9 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 35.706 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

Tgt Ion:149 Resp: 306695
 Ion Ratio Lower Upper
 149 100
 91 68.1 54.0 81.0
 206 19.6 15.6 23.4





#81

Benzo(a)anthracene

Concen: 43.456 ng

RT: 13.992 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

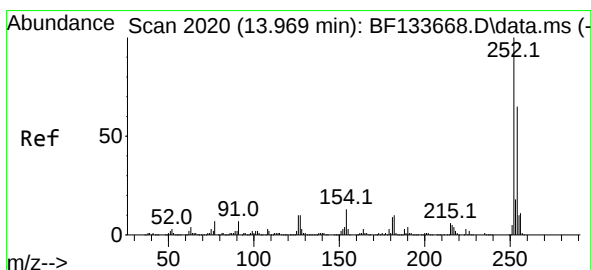
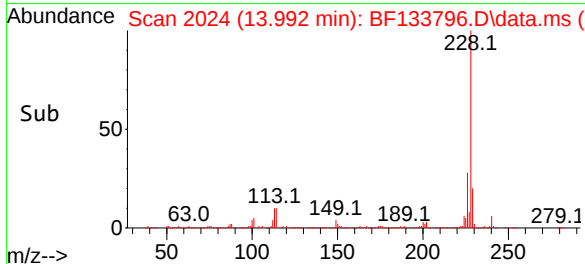
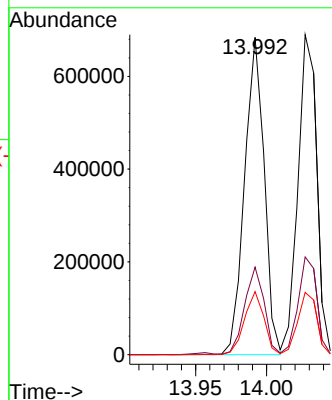
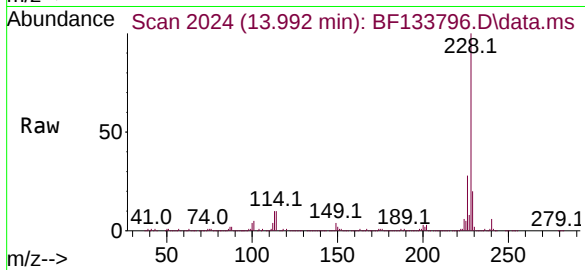
Tgt Ion:228 Resp: 656527

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 19.9 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 43.382 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

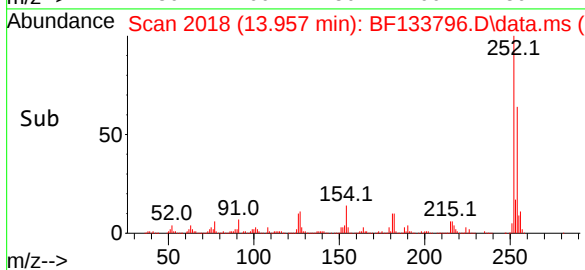
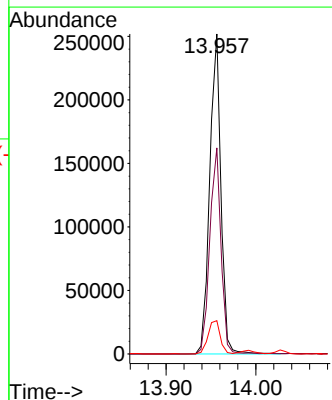
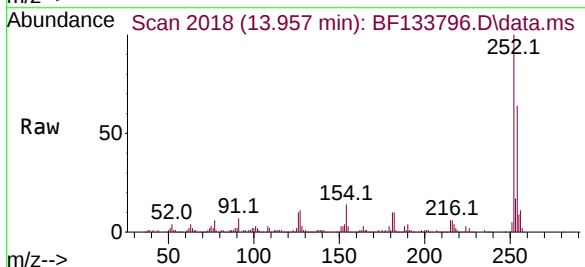
Tgt Ion:252 Resp: 217897

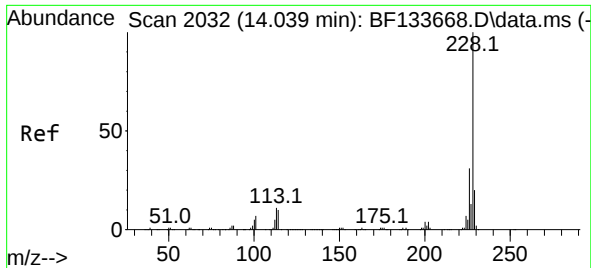
Ion Ratio Lower Upper

252 100

254 64.4 51.9 77.9

126 10.4 7.7 11.5





#83

Chrysene

Concen: 44.441 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

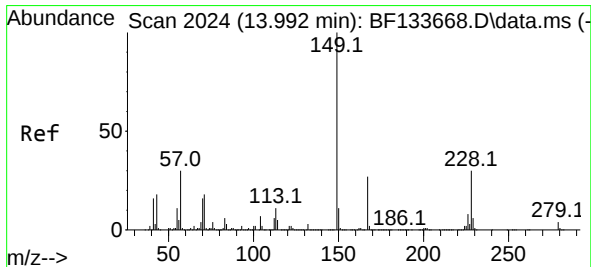
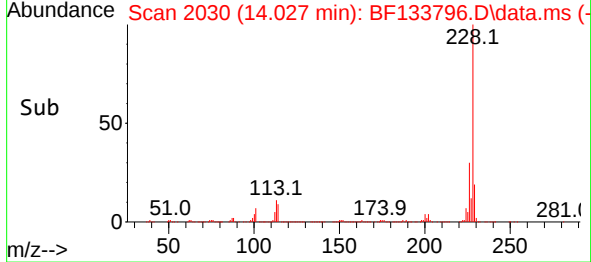
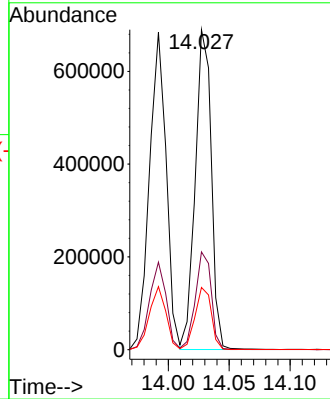
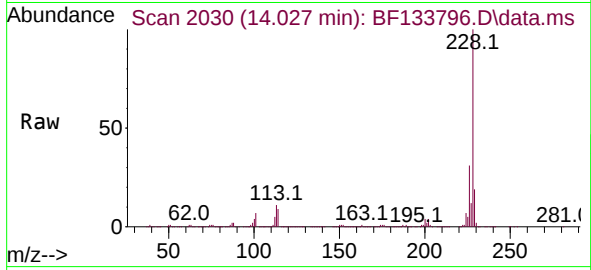
Tgt Ion:228 Resp: 635030

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.224 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

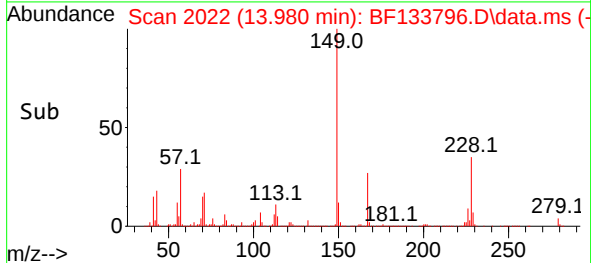
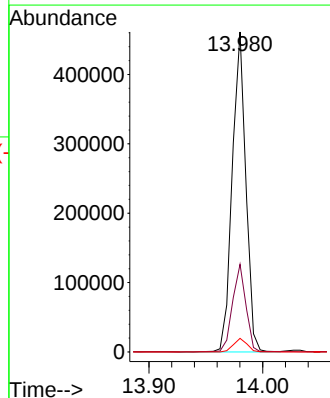
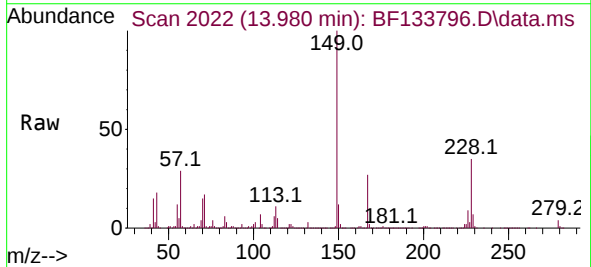
Tgt Ion:149 Resp: 383108

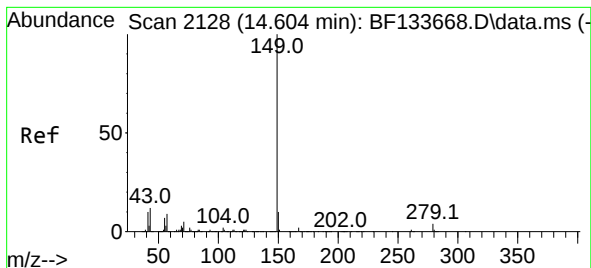
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.162 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

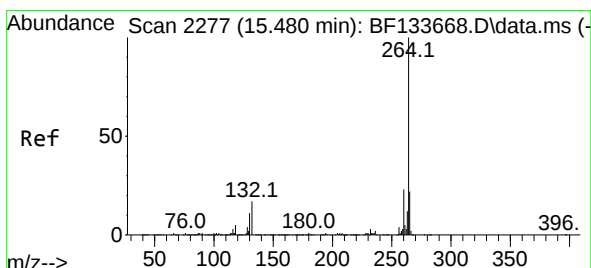
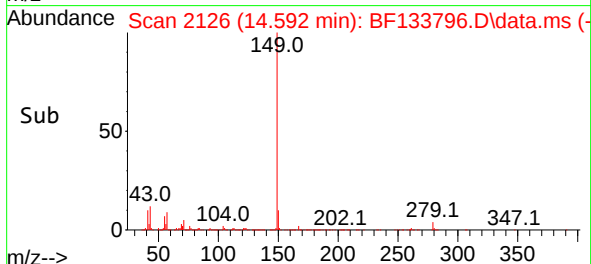
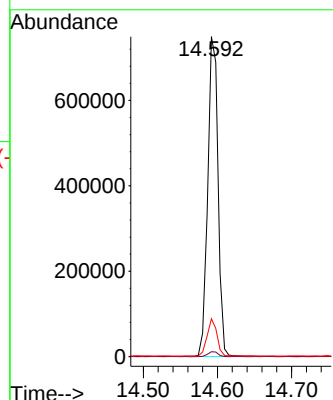
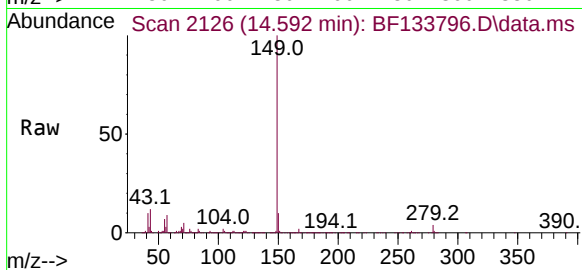
Tgt Ion:149 Resp: 723850

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 11.1 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

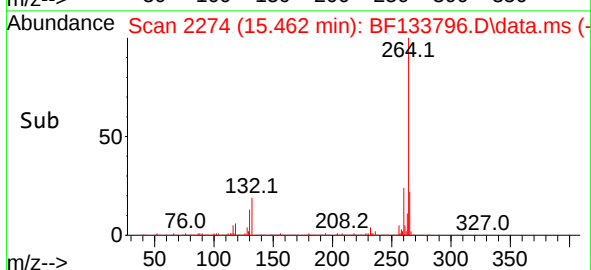
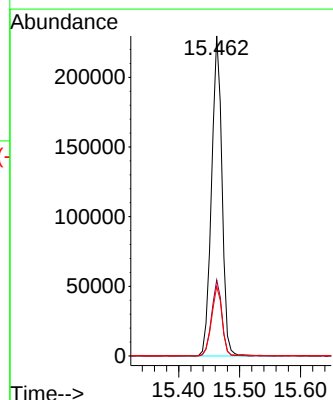
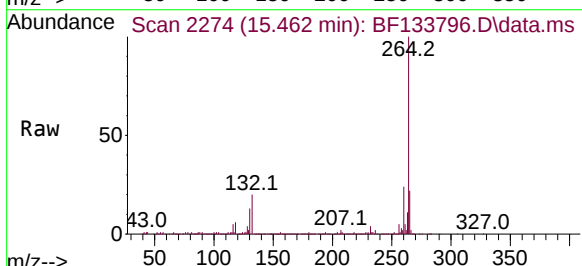
Tgt Ion:264 Resp: 273339

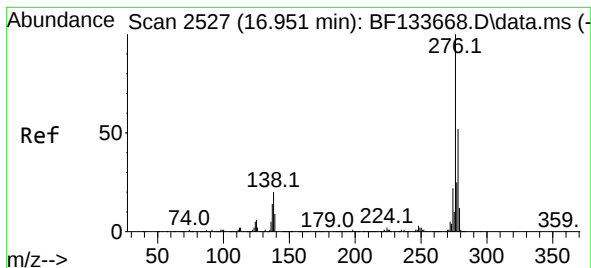
Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.656 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

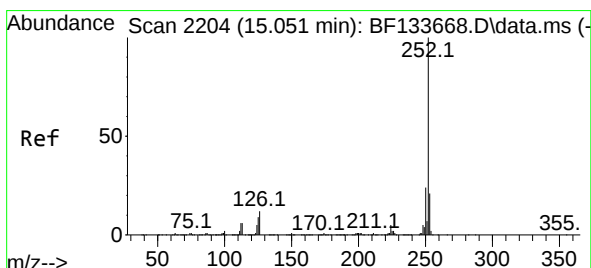
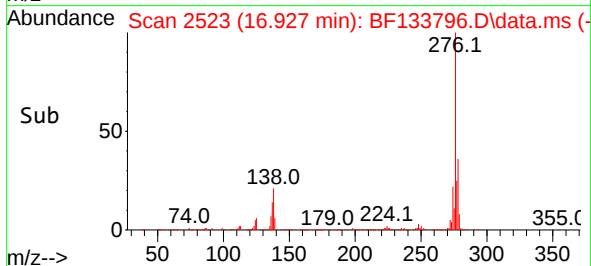
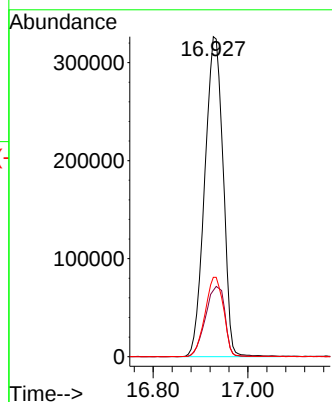
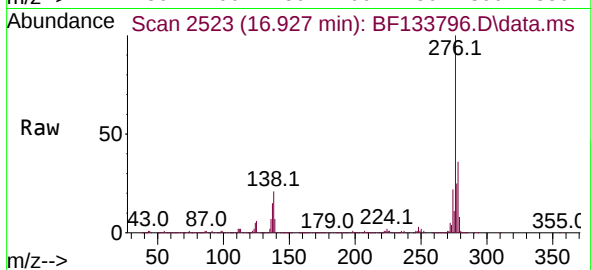
Tgt Ion:276 Resp: 877361

Ion Ratio Lower Upper

276 100

138 23.5 17.9 26.9

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.772 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

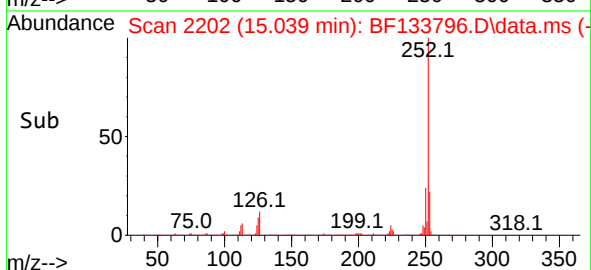
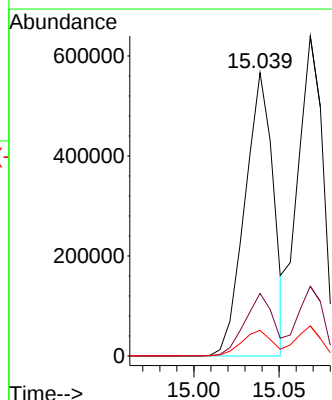
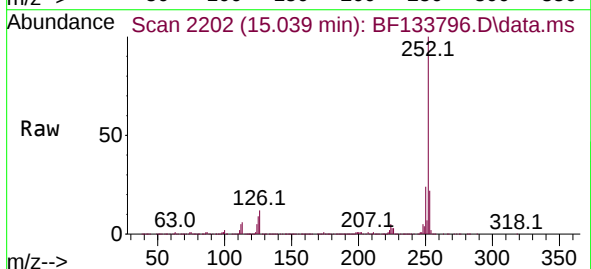
Tgt Ion:252 Resp: 660384

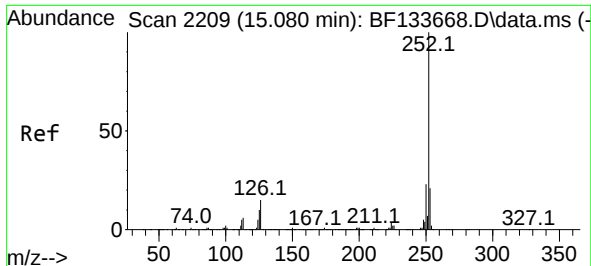
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 9.1 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 40.753 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMS

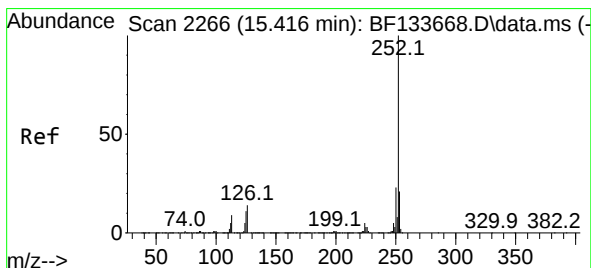
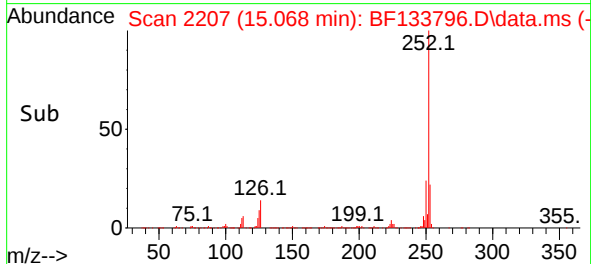
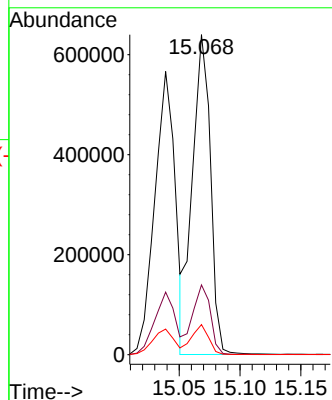
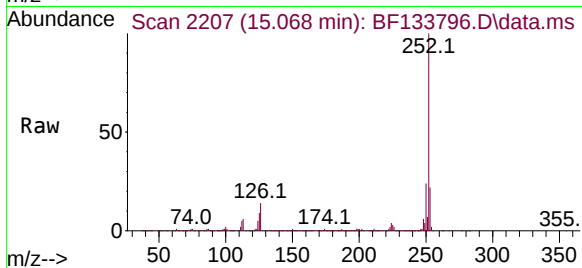
Tgt Ion:252 Resp: 659156

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 9.4 7.8 11.6



#90

Benzo(a)pyrene

Concen: 42.220 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF133796.D

Acq: 16 Jun 2023 02:39

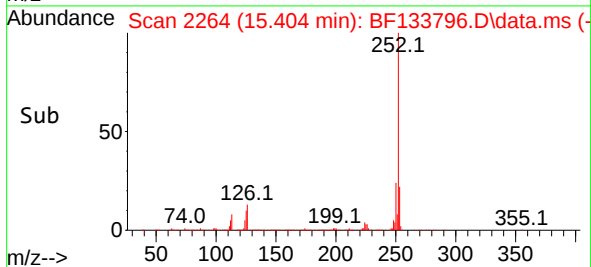
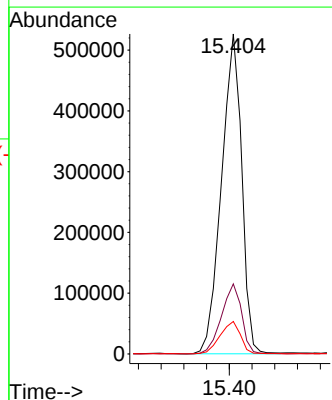
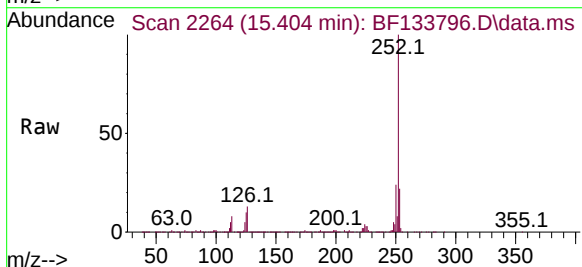
Tgt Ion:252 Resp: 650605

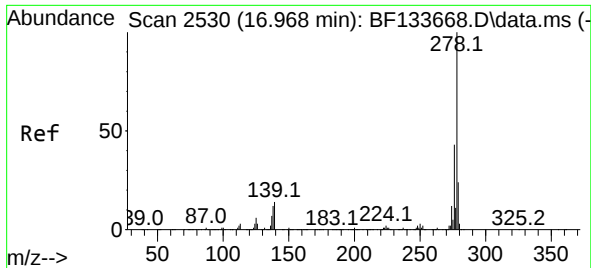
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 10.1 8.6 13.0

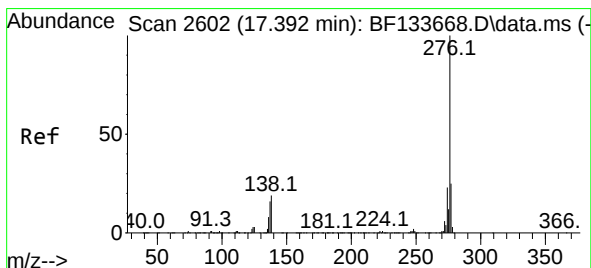
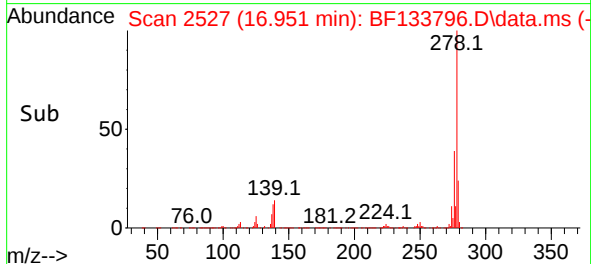
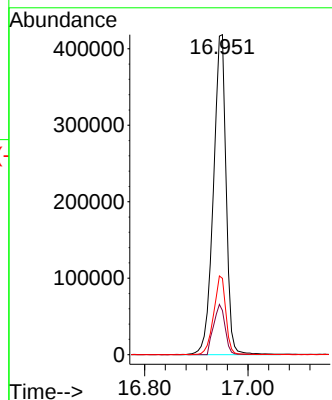
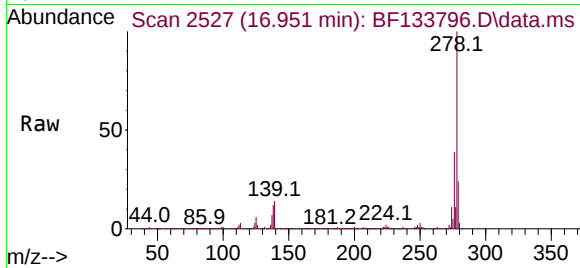




#91
 Dibenzo(a,h)anthracene
 Concen: 45.907 ng
 RT: 16.951 min Scan# 2599
 Delta R.T. 0.006 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREWMS

Tgt Ion:278 Resp: 714695
 Ion Ratio Lower Upper
 278 100
 139 13.8 11.4 17.2
 279 23.8 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 40.759 ng
 RT: 17.374 min Scan# 2599
 Delta R.T. 0.006 min
 Lab File: BF133796.D
 Acq: 16 Jun 2023 02:39

Tgt Ion:276 Resp: 629147
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.8 29.8
 138 20.3 15.0 22.4

