

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133797.D
 Acq On : 16 Jun 2023 03:11
 Operator : CG\JU
 Sample : 03235-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREWMSD

Quant Time: Jun 16 04:14:02 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	6.834	152	119991	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	458743	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	214486	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	366509	20.000	ng	0.00
76) Chrysene-d12	14.004	240	183952	20.000	ng	0.00
86) Perylene-d12	15.462	264	243279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	767440	111.345	ng	0.01
7) Phenol-d6	6.469	99	943122	105.122	ng	0.00
23) Nitrobenzene-d5	7.398	82	616897	73.244	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	255198	93.995	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1101626	73.011	ng	0.00
79) Terphenyl-d14	12.945	244	722155	60.745	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	115128	37.994	ng	99
3) Pyridine	3.363	79	306652	34.720	ng	97
4) n-Nitrosodimethylamine	3.322	42	204568	41.902	ng	99
6) Aniline	6.492	93	442242	39.137	ng	100
8) 2-Chlorophenol	6.616	128	343185	47.247	ng	96
9) Benzaldehyde	6.381	77	185229	31.119	ng	95
10) Phenol	6.481	94	413445	44.133	ng	96
11) bis(2-Chloroethyl)ether	6.569	93	315221	45.324	ng	96
12) 1,3-Dichlorobenzene	6.775	146	364041	46.908	ng	99
13) 1,4-Dichlorobenzene	6.851	146	375229	47.837	ng	96
14) 1,2-Dichlorobenzene	6.998	146	354449	50.009	ng	99
15) Benzyl Alcohol	6.975	79	314210	44.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	523803	44.430	ng	99
17) 2-Methylphenol	7.086	107	271576	42.183	ng	98
18) Hexachloroethane	7.345	117	131781	49.074	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	226350	39.653	ng	98
20) 3+4-Methylphenols	7.239	107	315705	37.695	ng	93
22) Acetophenone	7.245	105	434572	41.303	ng	99
24) Nitrobenzene	7.416	77	370231	43.655	ng	98
25) Isophorone	7.657	82	666898	43.130	ng	98
26) 2-Nitrophenol	7.734	139	190609	50.080	ng	96
27) 2,4-Dimethylphenol	7.769	122	302151	46.058	ng	100
28) bis(2-Chloroethoxy)met...	7.869	93	390282	43.671	ng	100
29) 2,4-Dichlorophenol	7.975	162	287231	44.674	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	304973	45.463	ng	96
31) Naphthalene	8.139	128	963584	43.114	ng	100
32) Benzoic acid	7.875	122	117639	28.433	ng	95
33) 4-Chloroaniline	8.186	127	262890	27.509	ng	97
34) Hexachlorobutadiene	8.251	225	189034	43.040	ng	99
35) Caprolactam	8.563	113	62280	28.787	ng	95
36) 4-Chloro-3-methylphenol	8.669	107	309640	41.781	ng	98
37) 2-Methylnaphthalene	8.828	142	636365	40.979	ng	99
38) 1-Methylnaphthalene	8.928	142	593773	41.552	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	298969	45.850	ng	98
41) Hexachlorocyclopentadiene	8.980	237	321367	110.596	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	202373	46.445	ng	98

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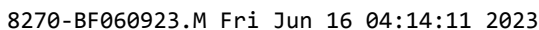
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	212457	41.911	ng	98
46) 1,1'-Biphenyl	9.292	154	799042	46.191	ng	98
47) 2-Chloronaphthalene	9.316	162	579299	46.685	ng	99
48) 2-Nitroaniline	9.416	65	206798	45.569	ng	97
49) Acenaphthylene	9.733	152	949346	43.957	ng	99
50) Dimethylphthalate	9.598	163	689955	43.096	ng	100
51) 2,6-Dinitrotoluene	9.657	165	153695	46.510	ng	# 83
52) Acenaphthene	9.904	154	556274	44.004	ng	99
53) 3-Nitroaniline	9.827	138	141839	35.271	ng	91
54) 2,4-Dinitrophenol	9.933	184	109089	68.445	ng	96
55) Dibenzofuran	10.080	168	840160	43.555	ng	100
56) 4-Nitrophenol	9.992	139	223962	82.521	ng	92
57) 2,4-Dinitrotoluene	10.063	165	190536	45.336	ng	99
58) Fluorene	10.422	166	625691	42.416	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.192	232	167494	44.133	ng	98
60) Diethylphthalate	10.292	149	666138	40.882	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	303811	41.719	ng	98
62) 4-Nitroaniline	10.439	138	153404	38.906	ng	96
63) Azobenzene	10.575	77	667197	43.254	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	82208	46.940	ng	84
66) n-Nitrosodiphenylamine	10.533	169	558038	45.328	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	186397	45.566	ng	91
68) Hexachlorobenzene	10.969	284	201689	46.886	ng	93
69) Atrazine	11.057	200	171756	48.083	ng	99
70) Pentachlorophenol	11.163	266	170534	66.204	ng	99
71) Phenanthrene	11.386	178	818836	44.036	ng	99
72) Anthracene	11.433	178	824878	42.544	ng	100
73) Carbazole	11.592	167	739698	40.962	ng	98
74) Di-n-butylphthalate	11.921	149	873538	37.734	ng	100
75) Fluoranthene	12.574	202	654549	33.148	ng	99
77) Benzidine	12.698	184	355368	57.571	ng	99
78) Pyrene	12.804	202	655376	38.246	ng	100
80) Butylbenzylphthalate	13.421	149	251852	34.814	ng	99
81) Benzo(a)anthracene	13.992	228	574402	45.143	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	192986	45.621	ng	99
83) Chrysene	14.027	228	541620	45.005	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	330233	37.074	ng	99
85) Di-n-octyl phthalate	14.592	149	631525	49.892	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	814034	48.637	ng	99
88) Benzo(b)fluoranthene	15.039	252	636958	43.101	ng	98
89) Benzo(k)fluoranthene	15.068	252	616736	42.842	ng	99
90) Benzo(a)pyrene	15.404	252	580260	42.308	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	661971	47.774	ng	99
92) Benzo(g,h,i)perylene	17.374	276	649282	47.261	ng	98

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

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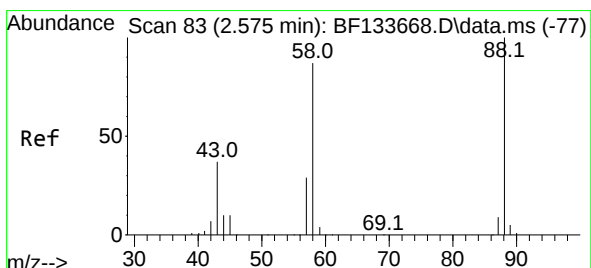
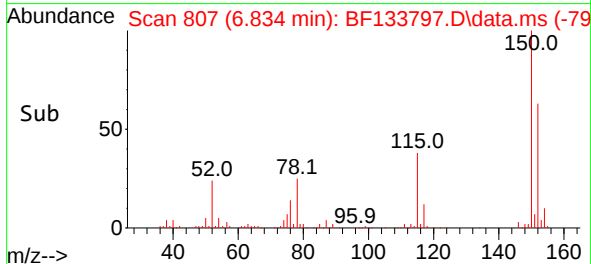
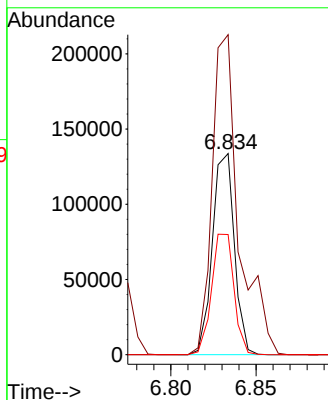
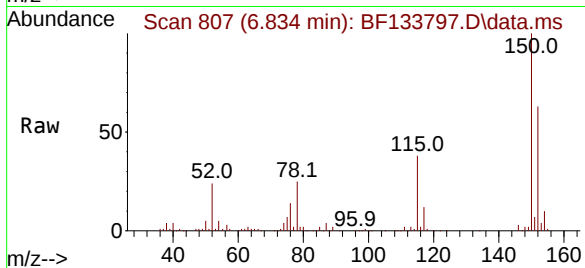




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133797.D
 Acq: 16 Jun 2023 03:11

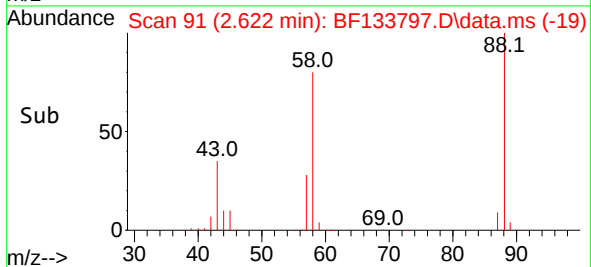
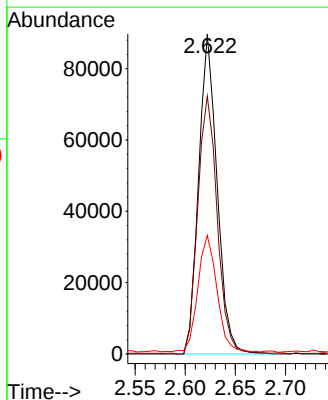
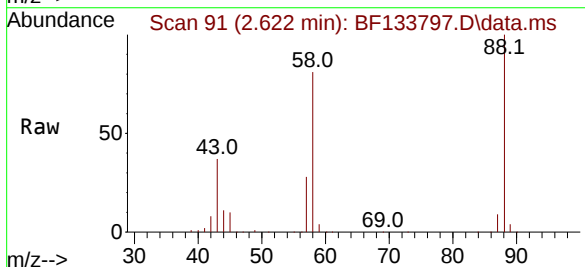
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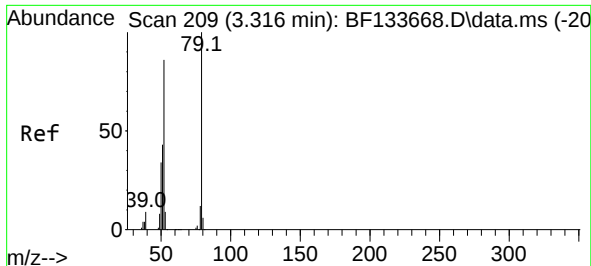
Tgt Ion:152 Resp: 119991
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.3 186.5
 115 59.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 37.994 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.076 min
 Lab File: BF133797.D
 Acq: 16 Jun 2023 03:11

Tgt Ion: 88 Resp: 115128
 Ion Ratio Lower Upper
 88 100
 58 85.4 67.8 101.6
 43 37.5 29.8 44.6

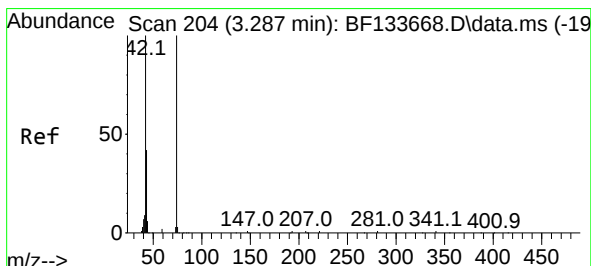
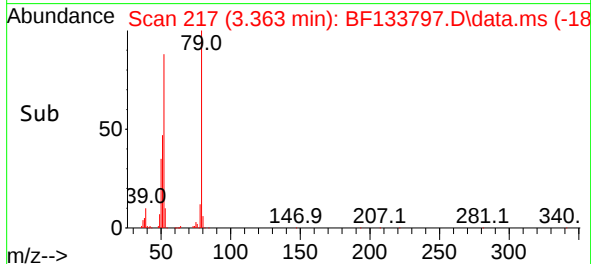
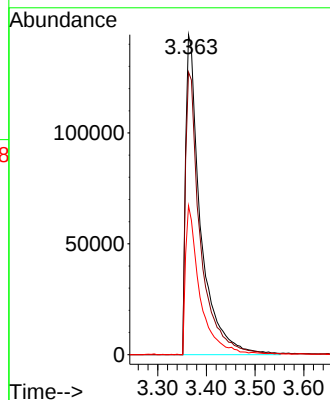
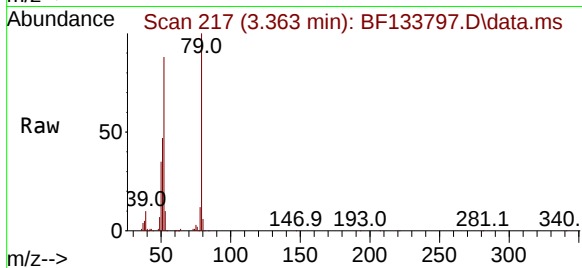




#3
 Pyridine
 Concen: 34.720 ng
 RT: 3.363 min Scan# 210
 Delta R.T. 0.070 min
 Lab File: BF133797.D
 Acq: 16 Jun 2023 03:11

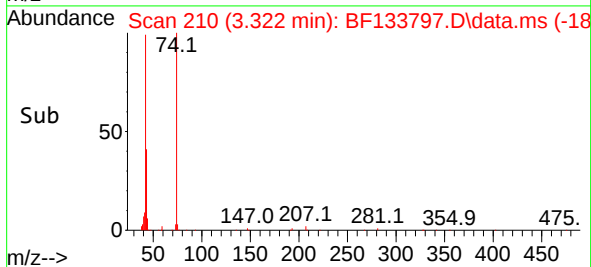
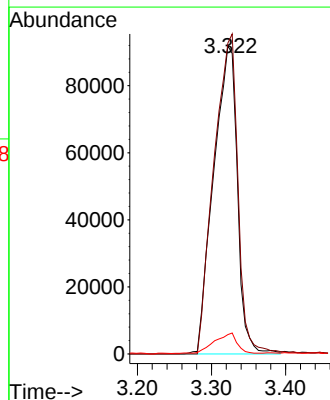
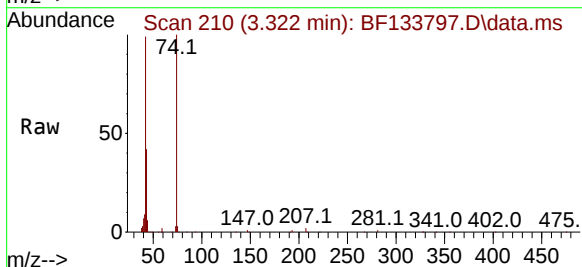
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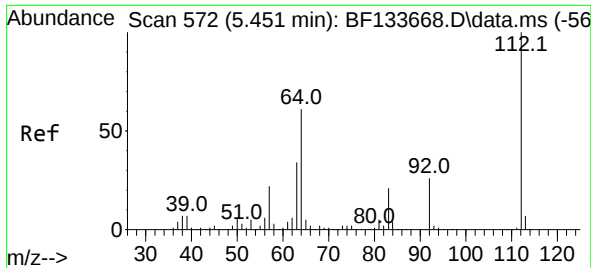
Tgt Ion: 79 Resp: 306652
 Ion Ratio Lower Upper
 79 100
 52 88.3 68.6 102.8
 51 46.6 34.8 52.2



#4
 n-Nitrosodimethylamine
 Concen: 41.902 ng
 RT: 3.322 min Scan# 210
 Delta R.T. 0.076 min
 Lab File: BF133797.D
 Acq: 16 Jun 2023 03:11

Tgt Ion: 42 Resp: 204568
 Ion Ratio Lower Upper
 42 100
 74 100.9 79.8 119.8
 44 6.3 4.7 7.1

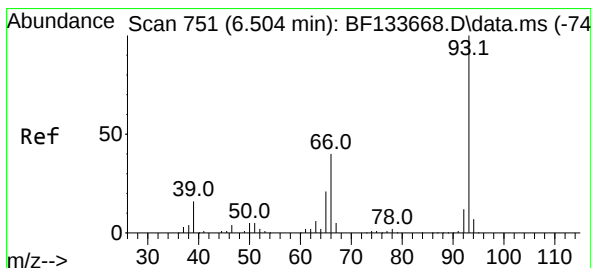
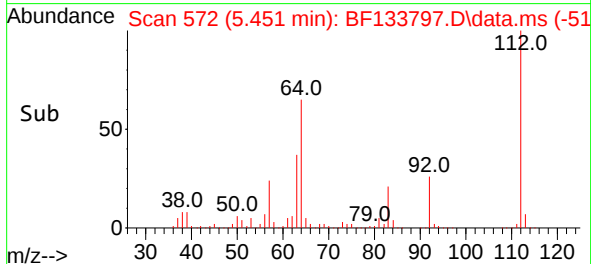
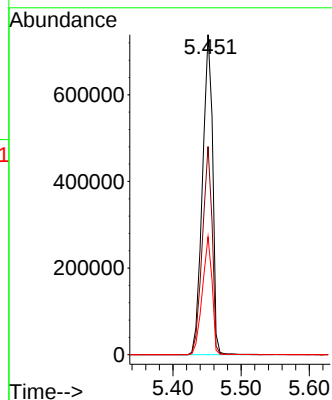
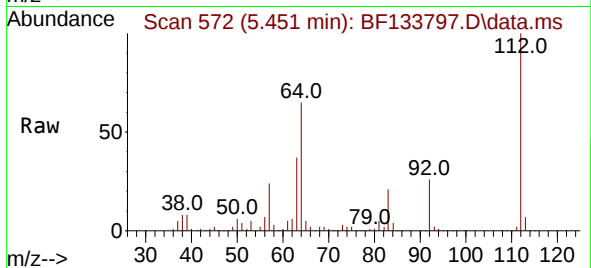




#5
2-Fluorophenol
Concen: 111.345 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

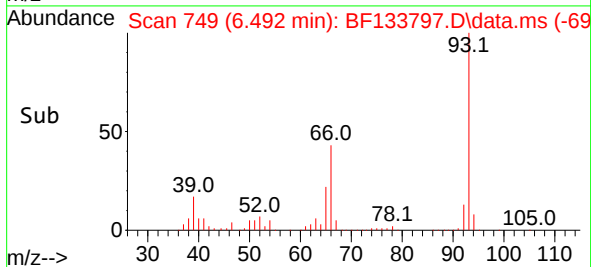
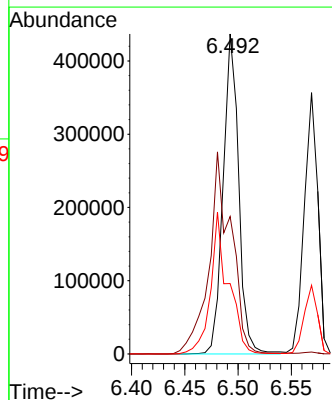
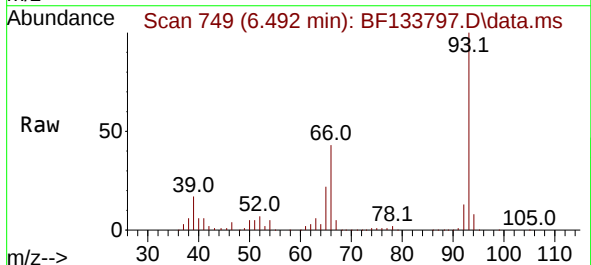
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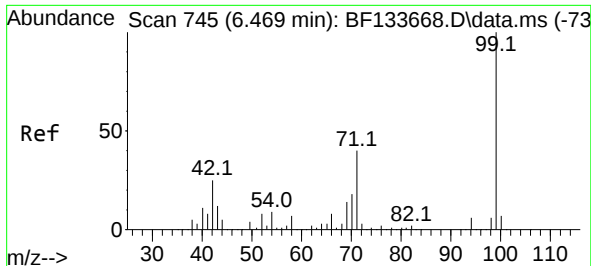
Tgt Ion:112 Resp: 767440
Ion Ratio Lower Upper
112 100
64 65.0 49.0 73.4
63 36.9 26.8 40.2



#6
Aniline
Concen: 39.137 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion: 93 Resp: 442242
Ion Ratio Lower Upper
93 100
66 43.0 34.4 51.6
65 22.0 17.5 26.3

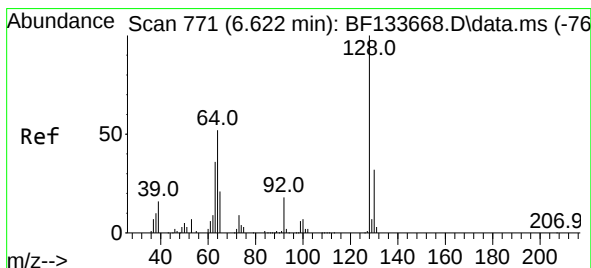
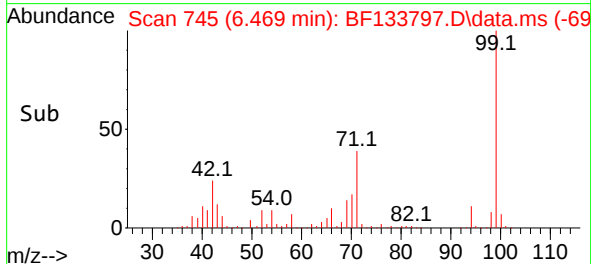
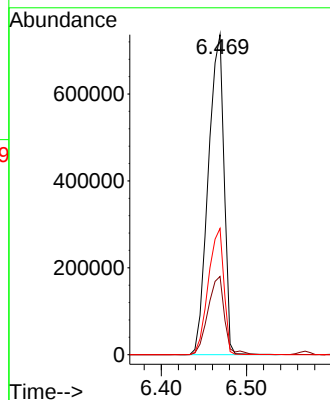
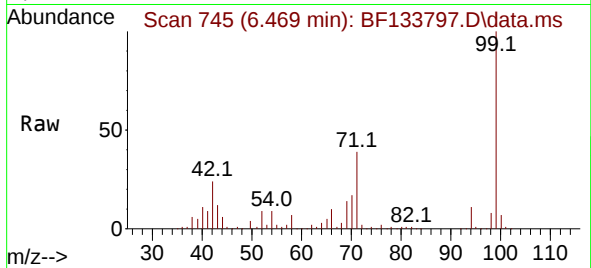




#7
Phenol-d6
Concen: 105.122 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

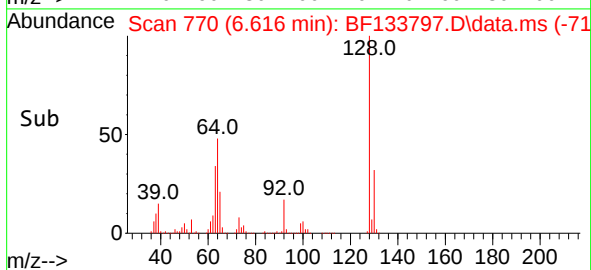
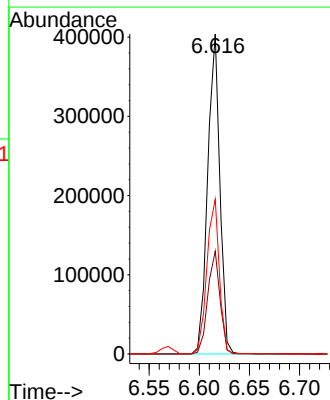
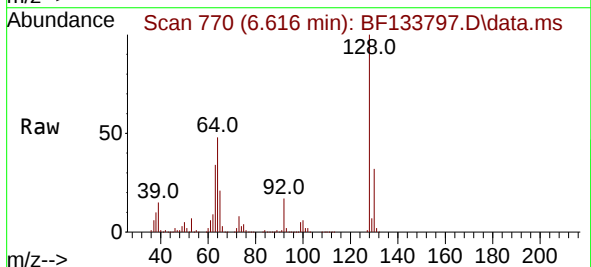
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Tgt Ion: 99 Resp: 943122
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 39.5 32.2 48.4



#8
2-Chlorophenol
Concen: 47.247 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion: 128 Resp: 343185
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 48.4 33.1 73.1

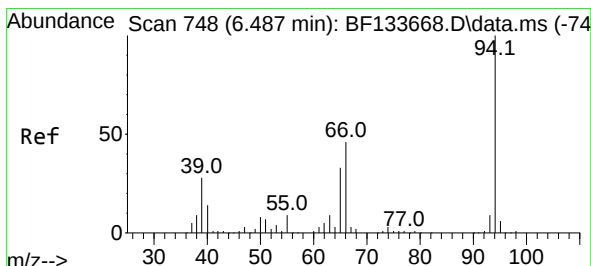
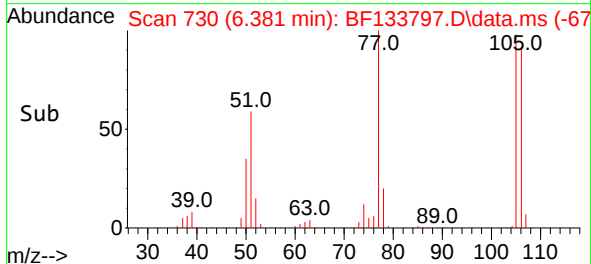
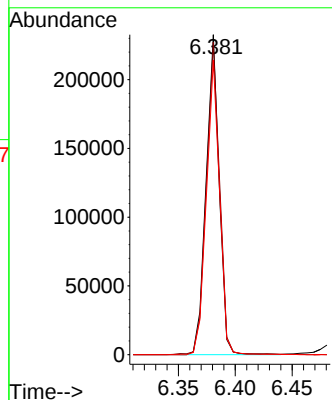
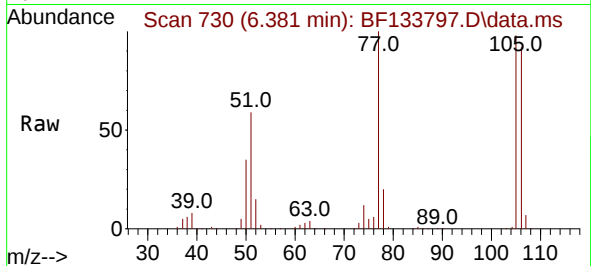




#9
Benzaldehyde
Concen: 31.119 ng
RT: 6.381 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

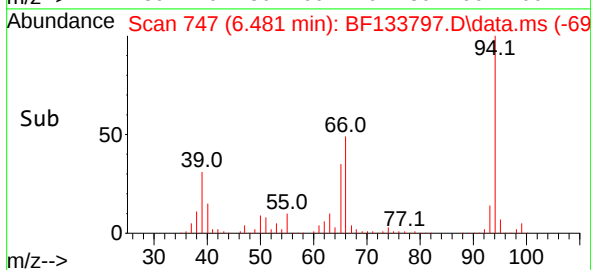
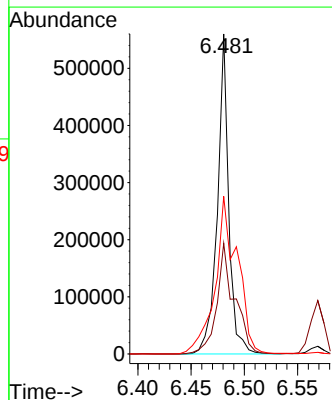
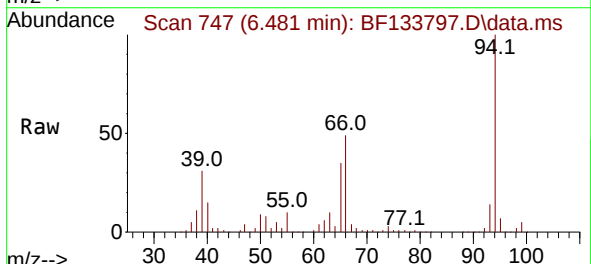
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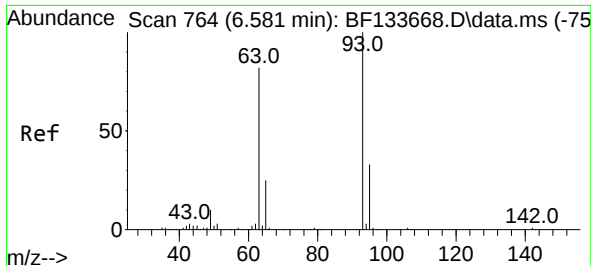
Tgt Ion: 77 Resp: 185229
Ion Ratio Lower Upper
77 100
105 97.7 82.0 122.0
106 92.0 77.6 117.6



#10
Phenol
Concen: 44.133 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion: 94 Resp: 413445
Ion Ratio Lower Upper
94 100
65 34.6 13.2 53.2
66 49.2 26.1 66.1

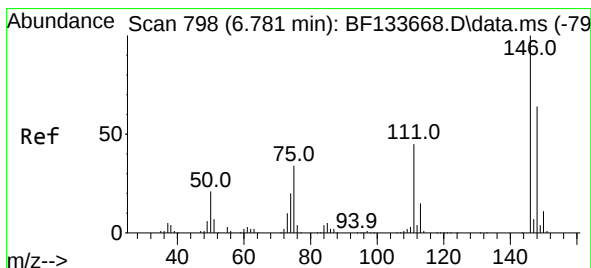
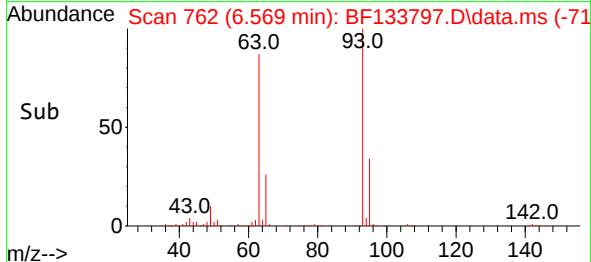
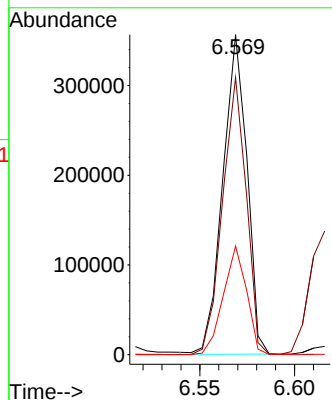
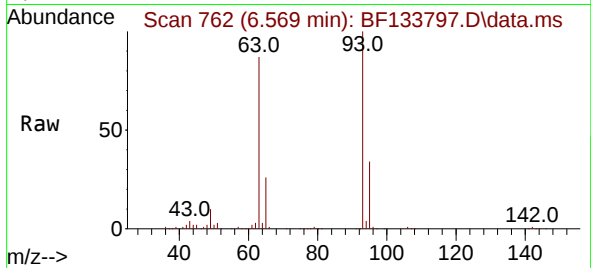




#11
bis(2-Chloroethyl)ether
Concen: 45.324 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

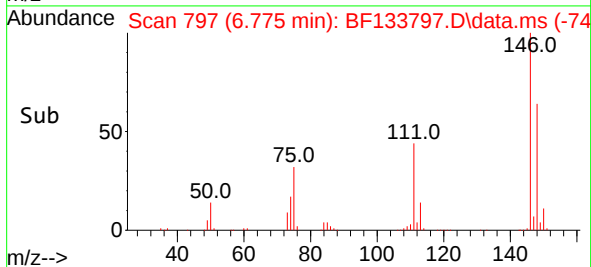
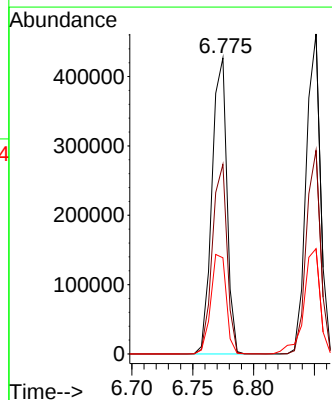
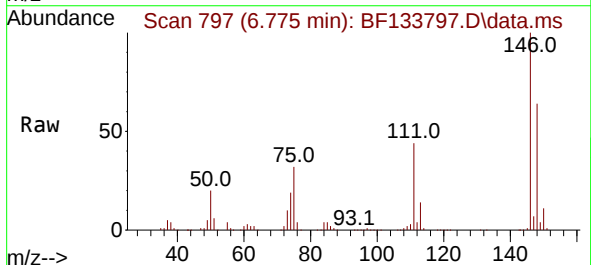
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

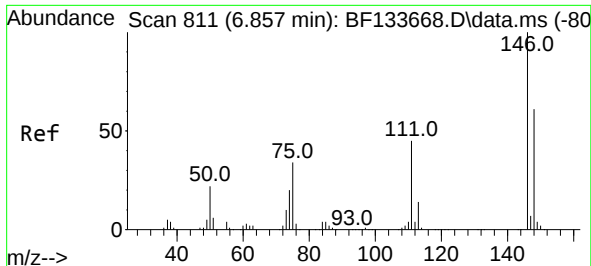
Tgt Ion: 93 Resp: 315221
Ion Ratio Lower Upper
93 100
63 86.6 62.1 102.1
95 33.9 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 46.908 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:146 Resp: 364041
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 32.5 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 47.837 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

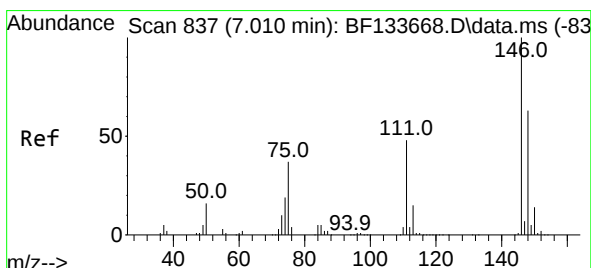
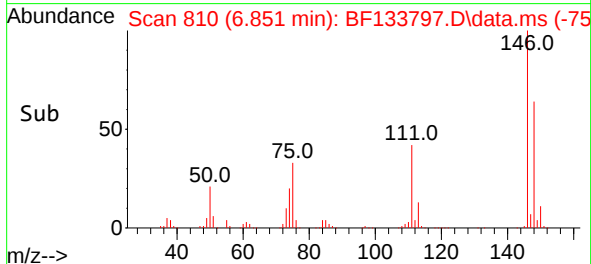
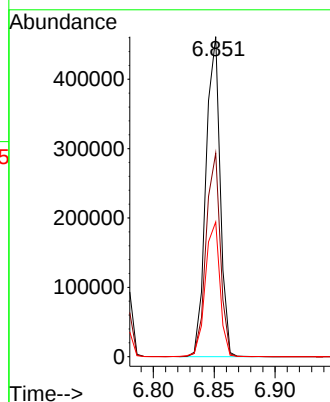
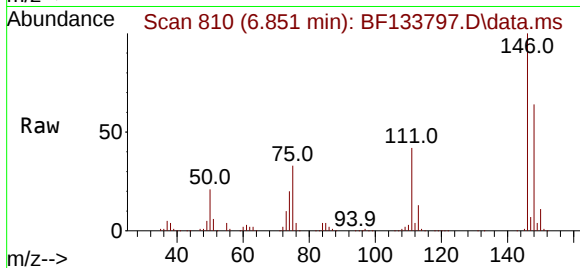
Tgt Ion:146 Resp: 375229

Ion Ratio Lower Upper

146 100

148 63.6 48.9 73.3

111 42.1 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 50.009 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

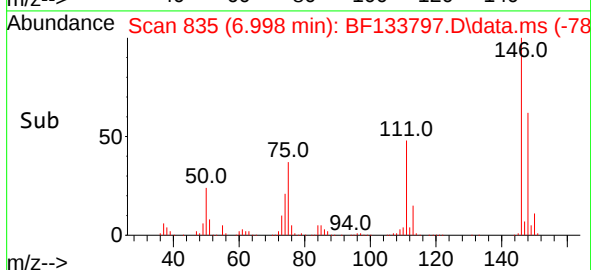
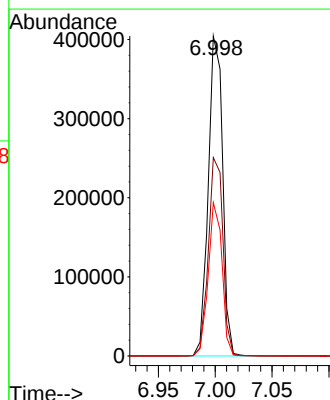
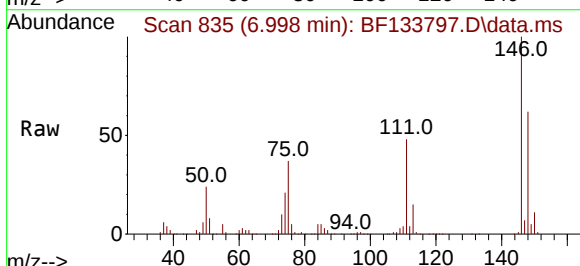
Tgt Ion:146 Resp: 354449

Ion Ratio Lower Upper

146 100

148 62.0 50.6 75.8

111 47.9 38.7 58.1

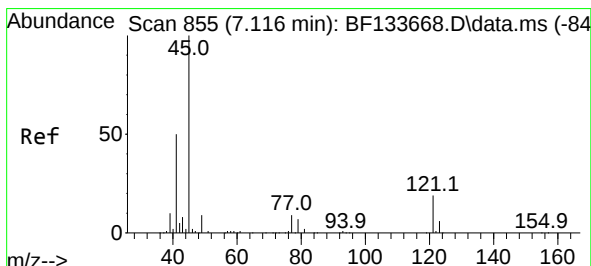
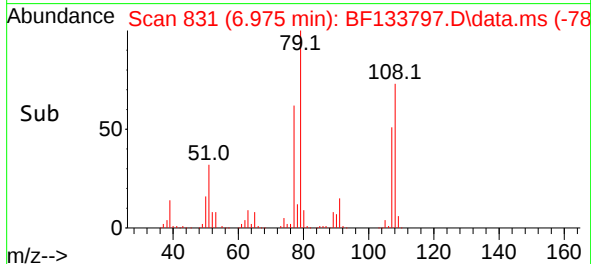
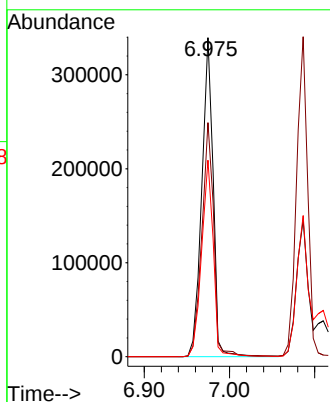
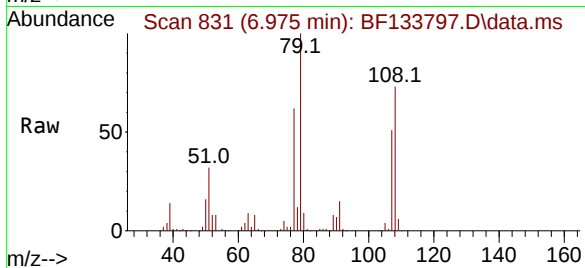




#15
Benzyl Alcohol
Concen: 44.841 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

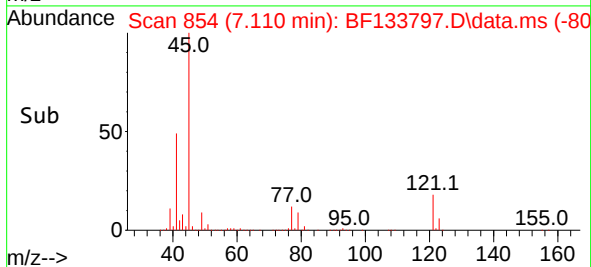
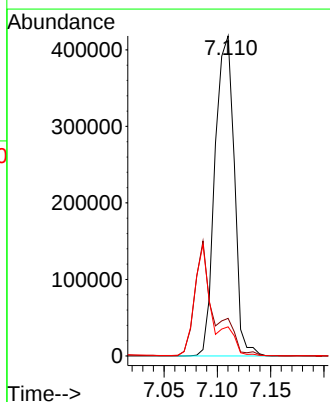
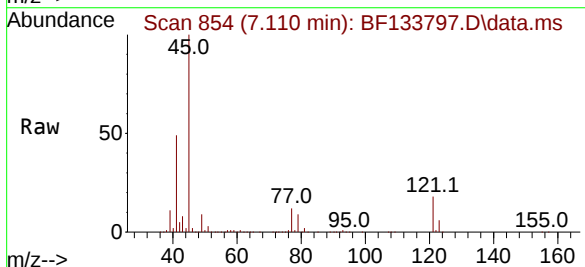
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

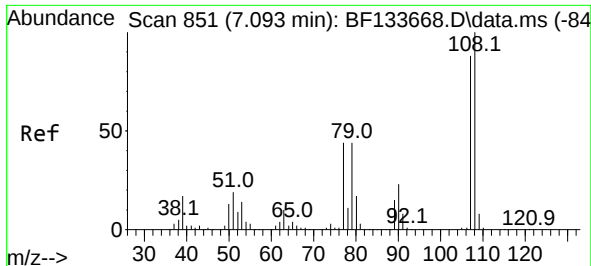
Tgt Ion: 79 Resp: 314210
Ion Ratio Lower Upper
79 100
108 73.4 57.9 86.9
77 61.6 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.430 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion: 45 Resp: 523803
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.3
79 9.1 0.0 29.4

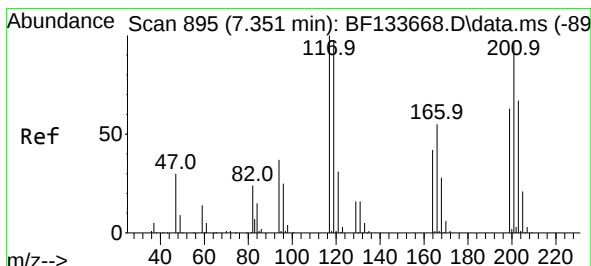
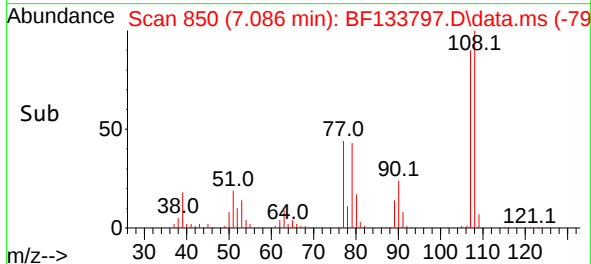
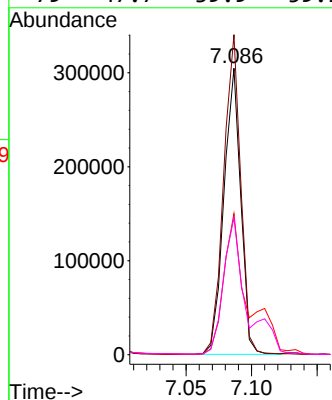
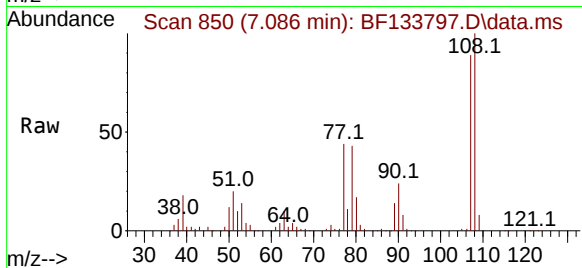




#17
2-Methylphenol
Concen: 42.183 ng
RT: 7.086 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

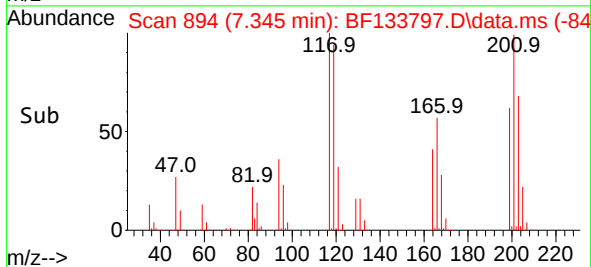
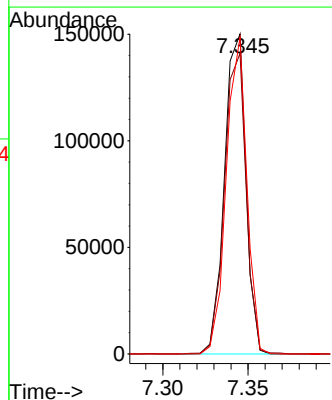
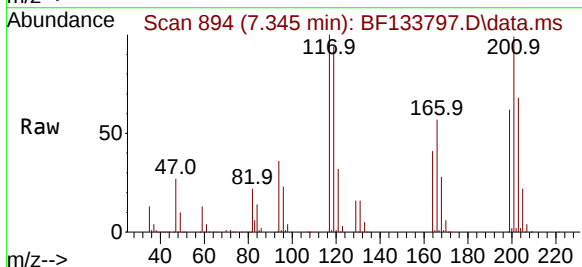
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

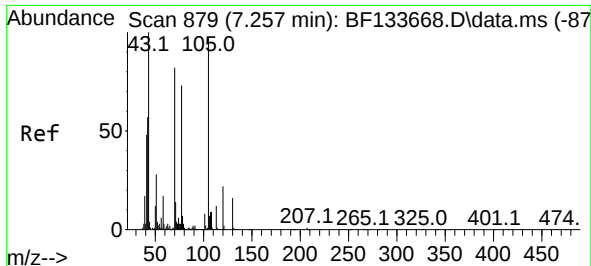
Tgt Ion:	107	Resp:	271576
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.9	136.3
77	49.3	39.8	59.6
79	47.7	39.9	59.9



#18
Hexachloroethane
Concen: 49.074 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:	117	Resp:	131781
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.3	115.9
201	98.9	76.8	115.2

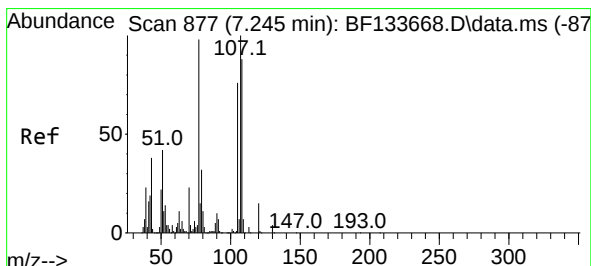
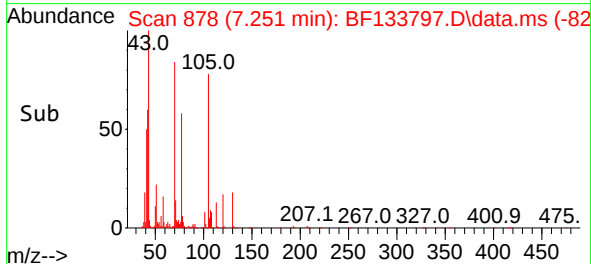
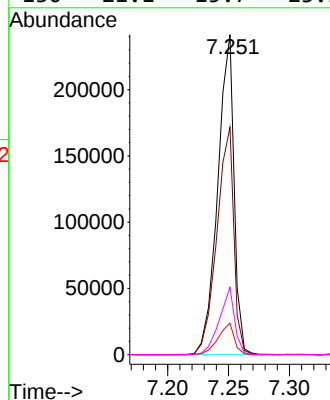
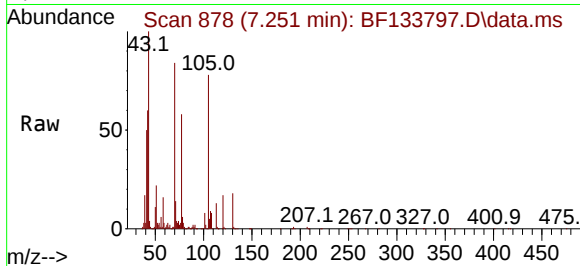




#19
n-Nitroso-di-n-propylamine
Concen: 39.653 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

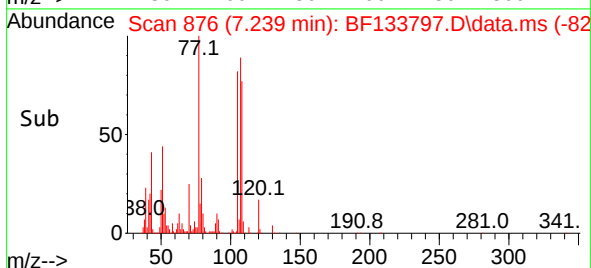
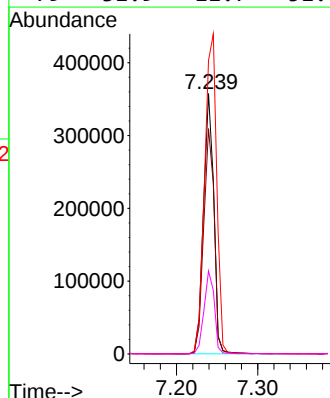
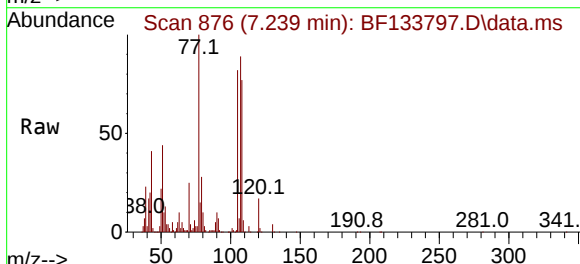
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

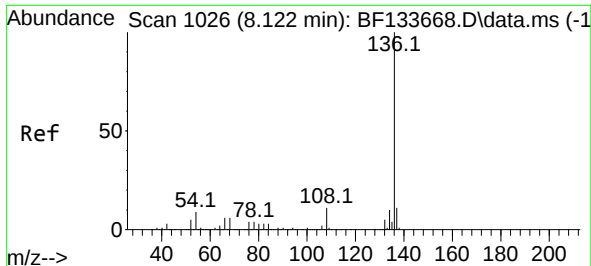
Tgt Ion: 70 Resp: 226350
Ion Ratio Lower Upper
70 100
42 71.0 55.8 83.8
101 9.9 8.1 12.1
130 21.1 15.7 23.5



#20
3+4-Methylphenols
Concen: 37.695 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

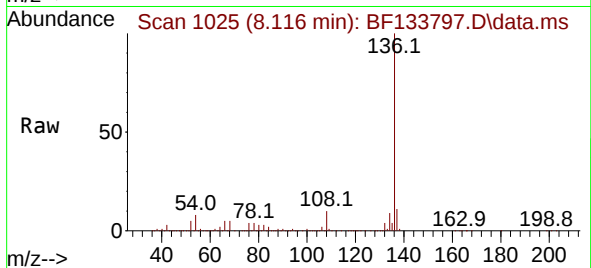
Tgt Ion: 107 Resp: 315705
Ion Ratio Lower Upper
107 100
108 86.6 67.9 107.9
77 112.7 77.7 117.7
79 31.9 11.7 51.7



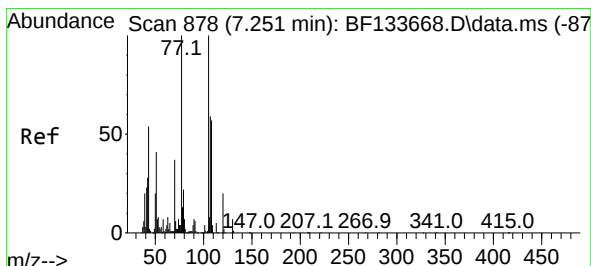
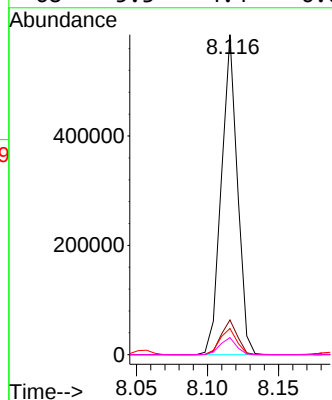
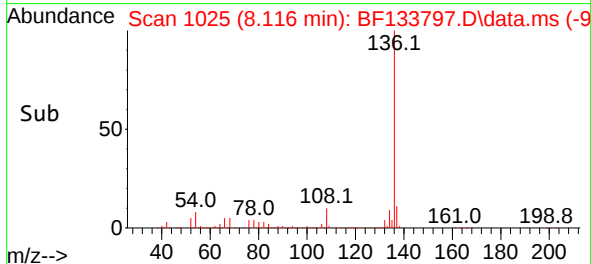


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

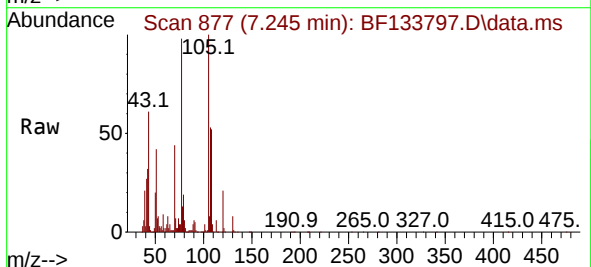
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD



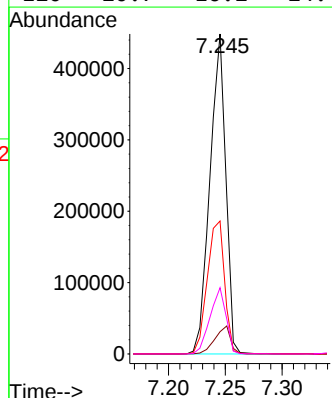
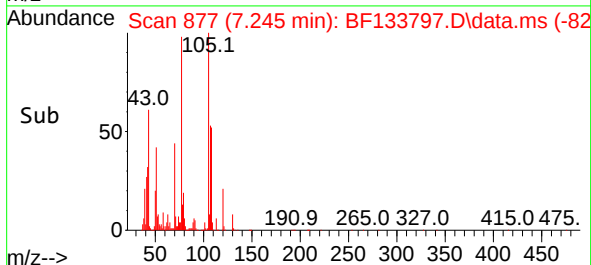
Tgt Ion:	136	Resp:	458743
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	7.4	11.0
68	5.3	4.4	6.6

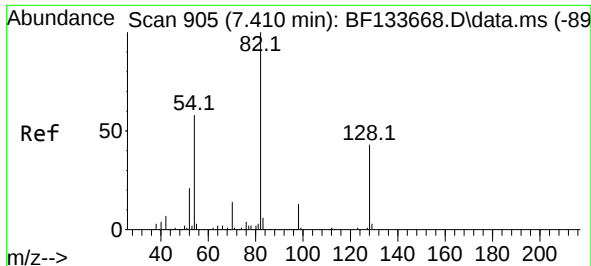


#22
Acetophenone
Concen: 41.303 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11



Tgt Ion:	105	Resp:	434572
Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.8	7.2
51	41.5	33.0	49.4
120	20.7	16.2	24.4





#23

Nitrobenzene-d5

Concen: 73.244 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

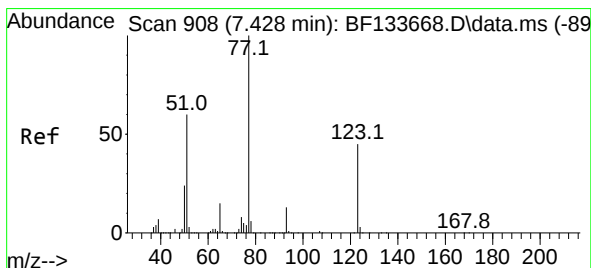
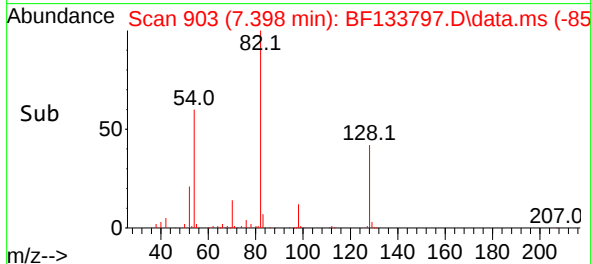
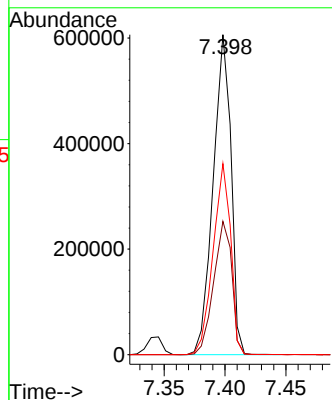
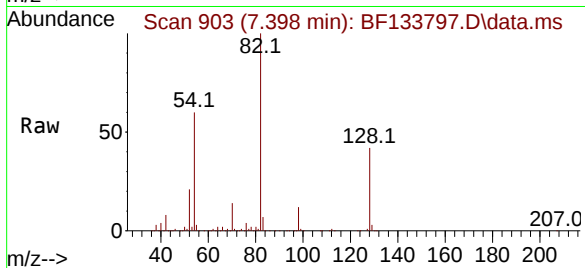
Tgt Ion: 82 Resp: 616897

Ion Ratio Lower Upper

82 100

128 41.7 34.2 51.2

54 59.7 46.5 69.7



#24

Nitrobenzene

Concen: 43.655 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

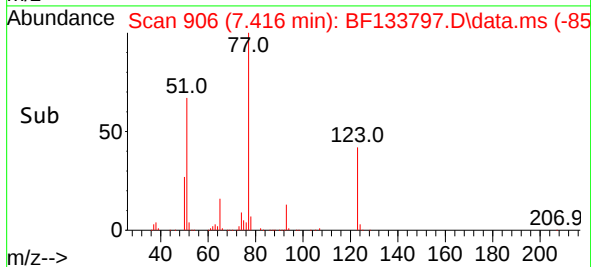
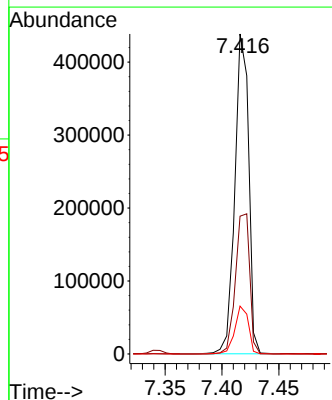
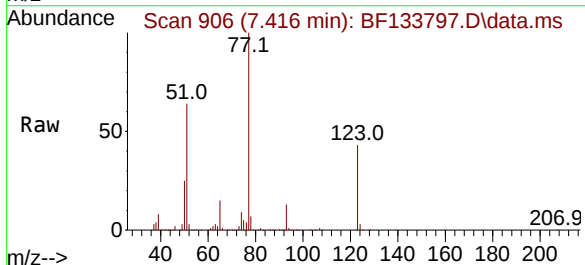
Tgt Ion: 77 Resp: 370231

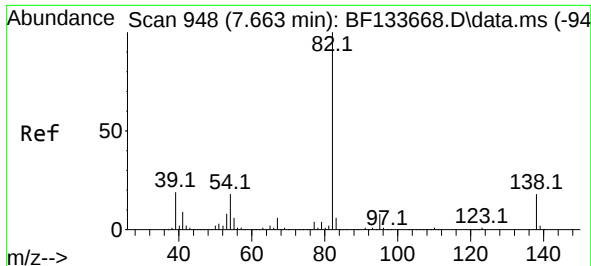
Ion Ratio Lower Upper

77 100

123 43.1 35.8 53.8

65 15.0 11.6 17.4

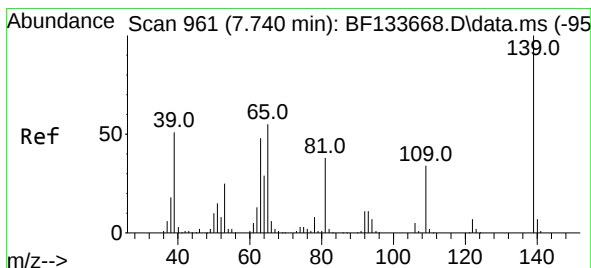
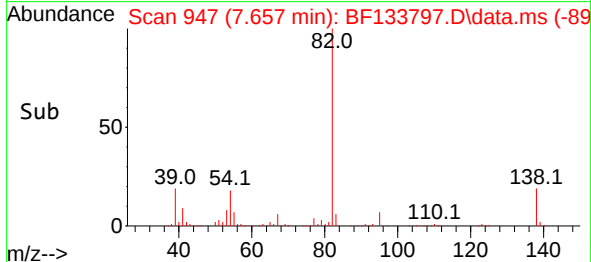
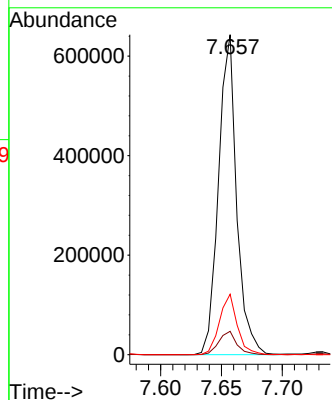
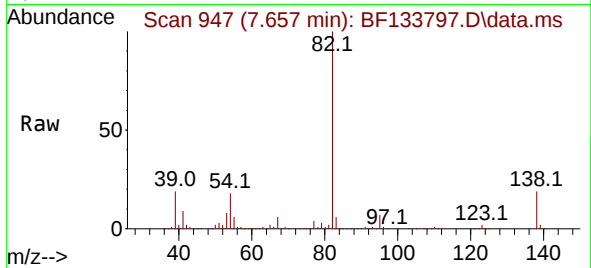




#25
Isophorone
Concen: 43.130 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

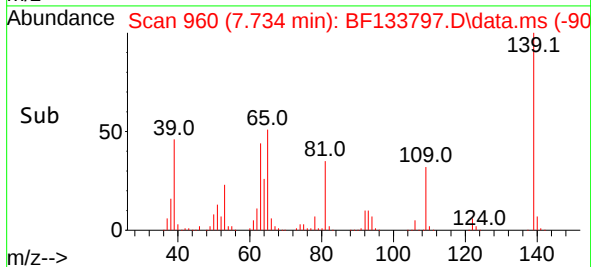
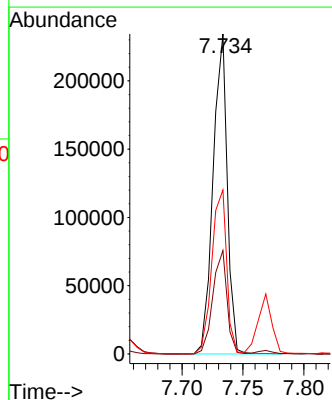
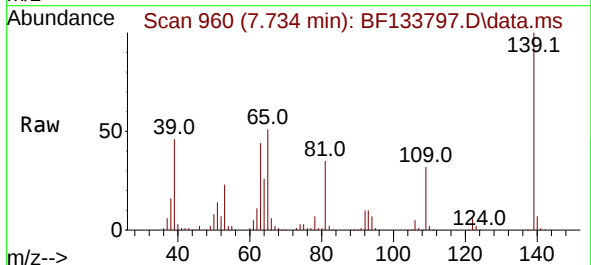
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

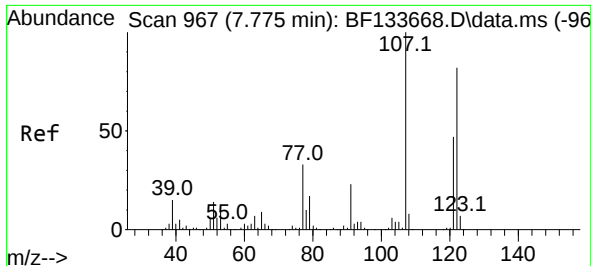
Tgt Ion: 82 Resp: 666898
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.9 14.2 21.2



#26
2-Nitrophenol
Concen: 50.080 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:139 Resp: 190609
Ion Ratio Lower Upper
139 100
109 32.3 27.0 40.6
65 51.3 44.2 66.4

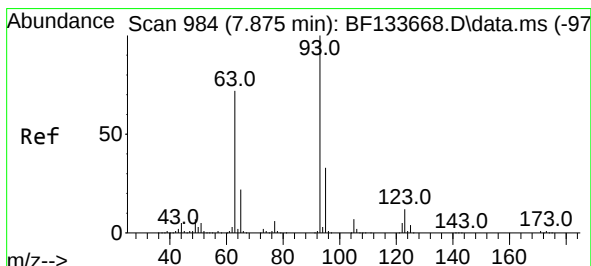
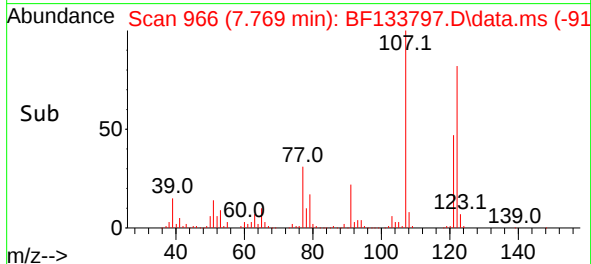
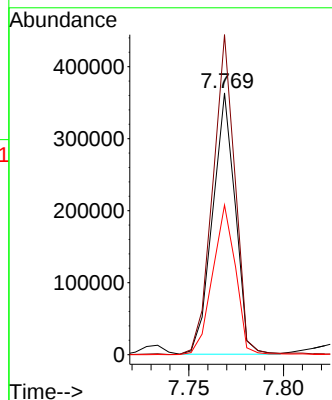
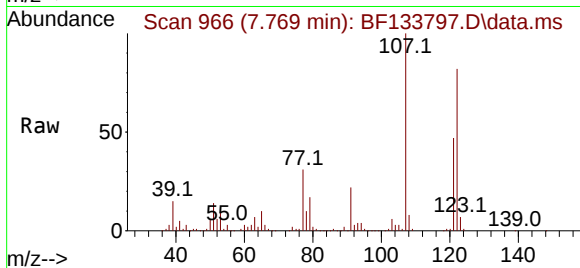




#27
2,4-Dimethylphenol
Concen: 46.058 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

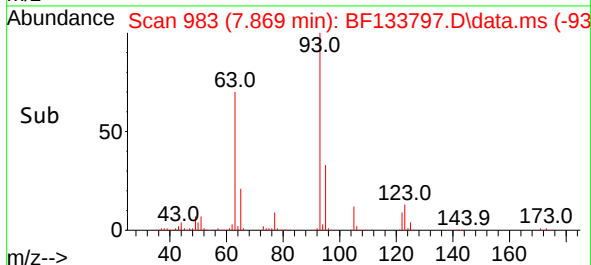
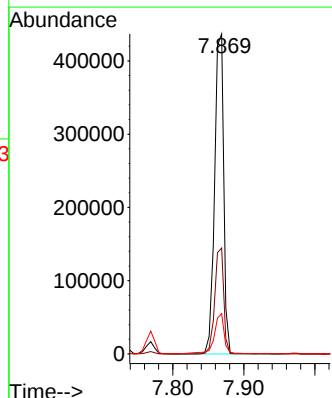
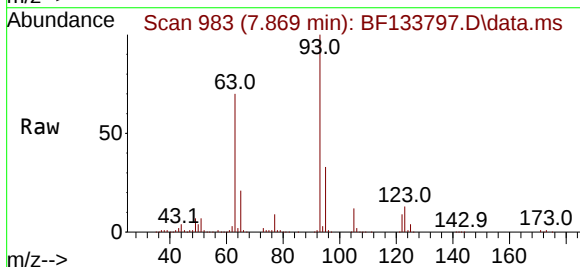
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

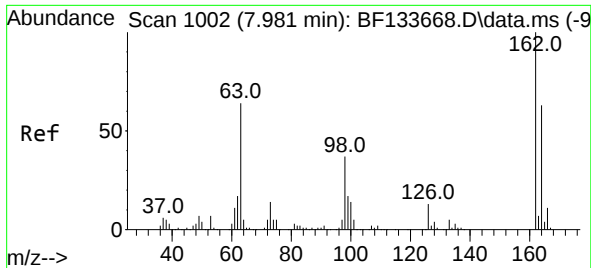
Tgt Ion:122 Resp: 302151
Ion Ratio Lower Upper
122 100
107 122.2 97.8 146.6
121 57.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.671 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion: 93 Resp: 390282
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.674 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

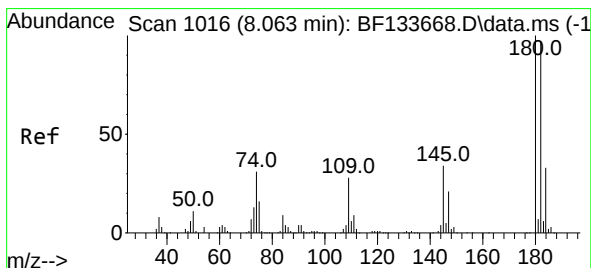
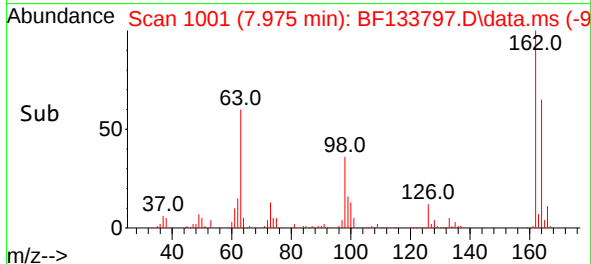
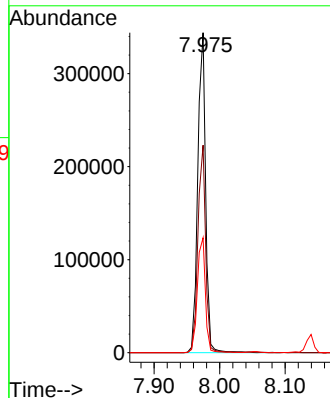
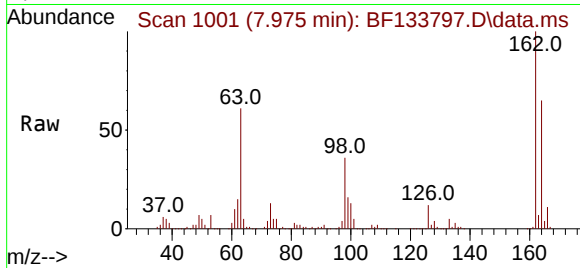
Tgt Ion:162 Resp: 287231

Ion Ratio Lower Upper

162 100

164 64.9 43.4 83.4

98 35.9 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 45.463 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

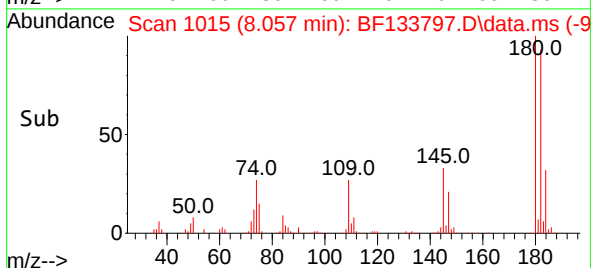
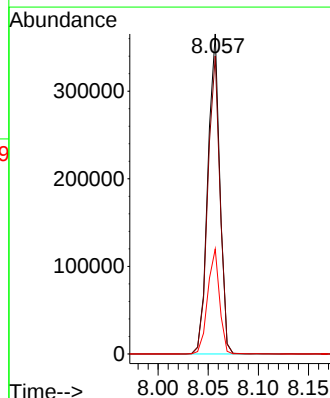
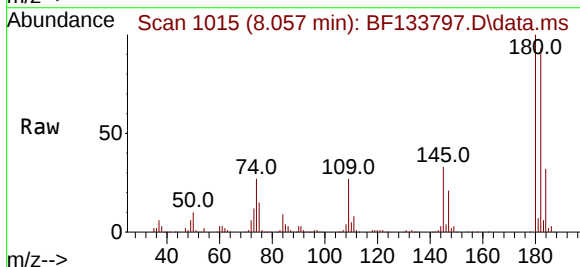
Tgt Ion:180 Resp: 304973

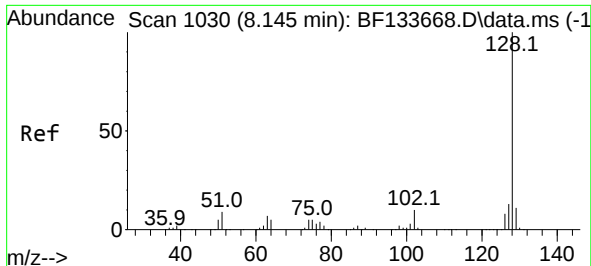
Ion Ratio Lower Upper

180 100

182 93.1 77.8 116.8

145 32.8 27.0 40.4

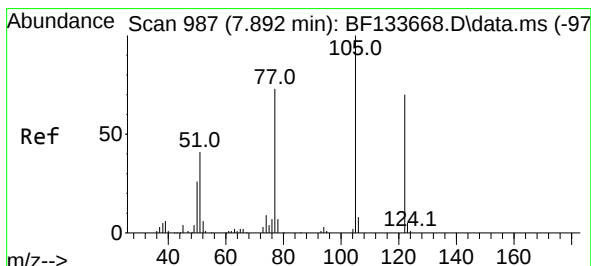
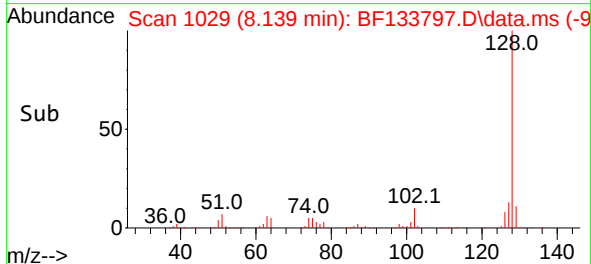
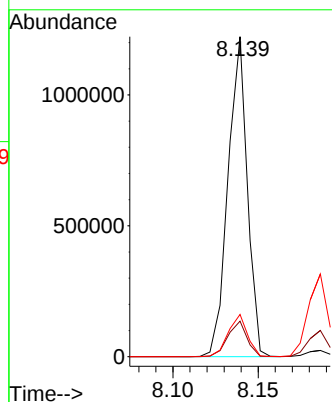
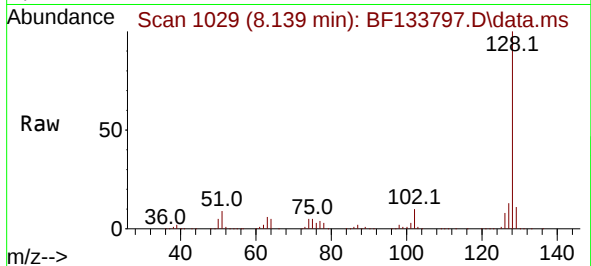




#31
Naphthalene
Concen: 43.114 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

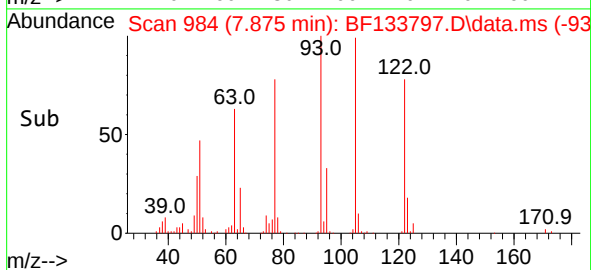
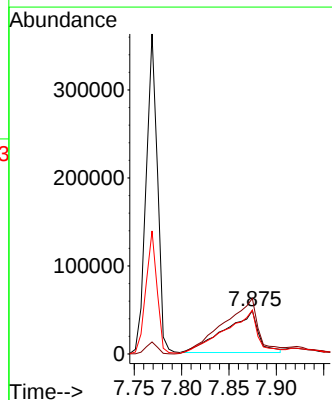
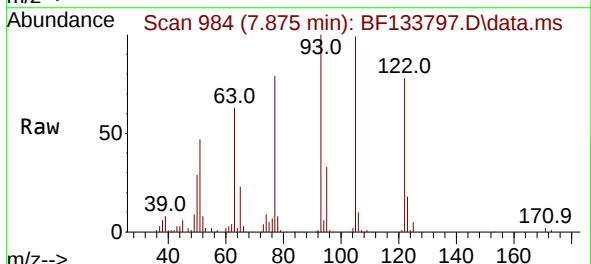
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

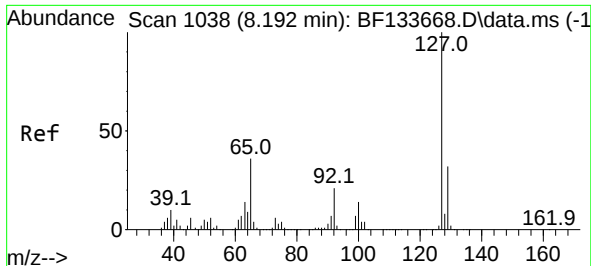
Tgt Ion:128 Resp: 963584
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 28.433 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:122 Resp: 117639
Ion Ratio Lower Upper
122 100
105 128.0 116.3 156.3
77 101.1 82.4 122.4

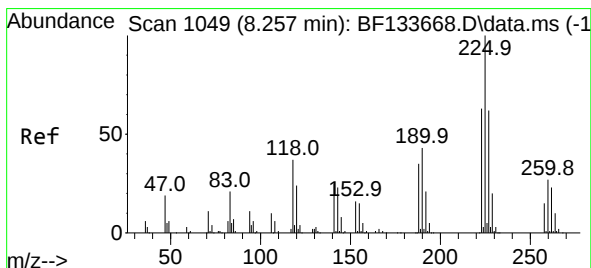
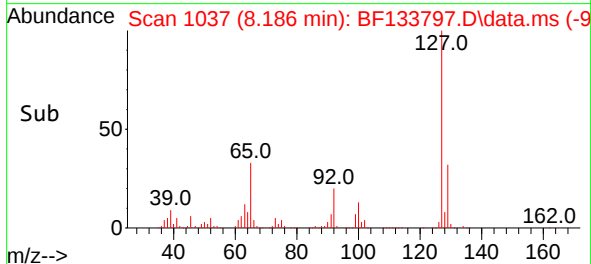
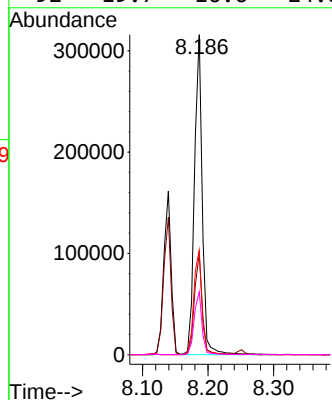
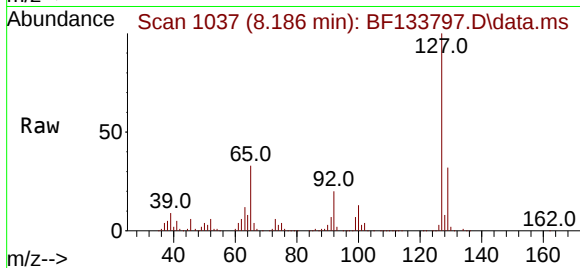




#33
4-Chloroaniline
Concen: 27.509 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

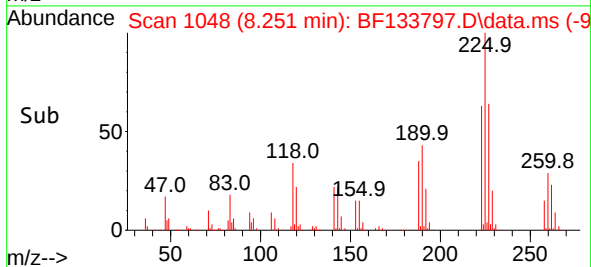
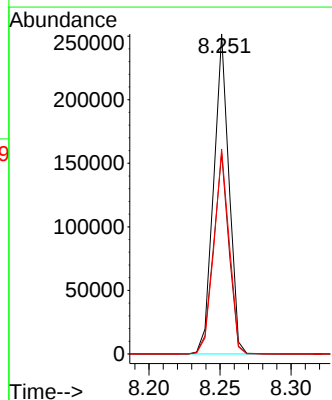
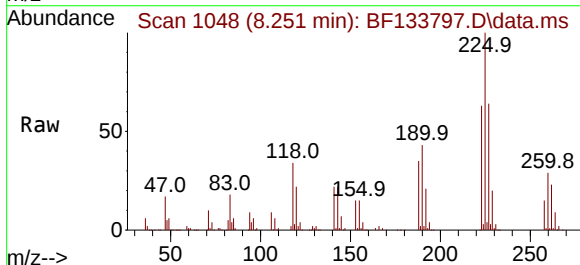
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

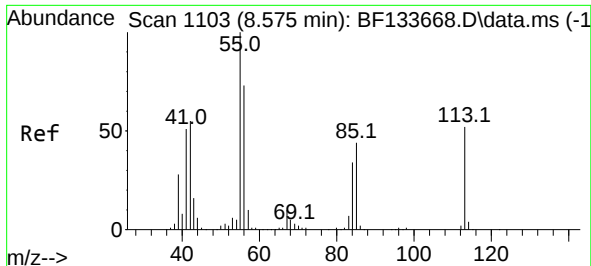
Tgt Ion:	127	Resp:	262890
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.6	38.4
65	32.7	28.9	43.3
92	19.7	16.6	24.8



#34
Hexachlorobutadiene
Concen: 43.040 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:	225	Resp:	189034
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.4
227	64.0	49.5	74.3

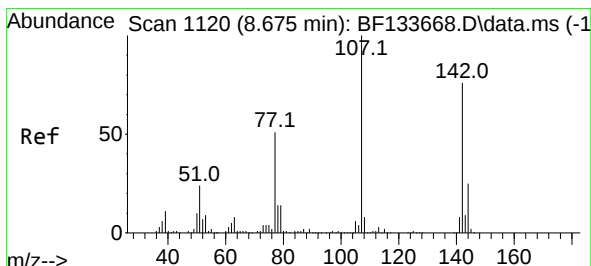
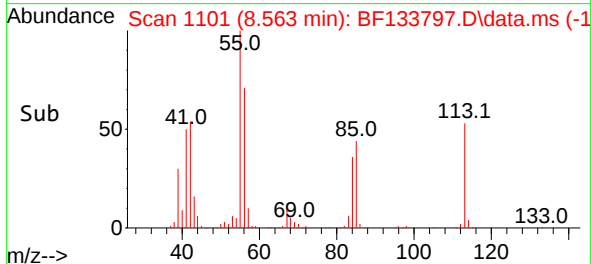
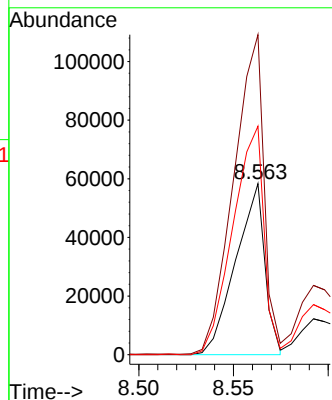
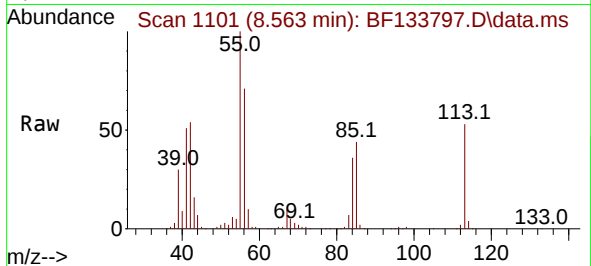




#35
 Caprolactam
 Concen: 28.787 ng
 RT: 8.563 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BF133797.D
 Acq: 16 Jun 2023 03:11

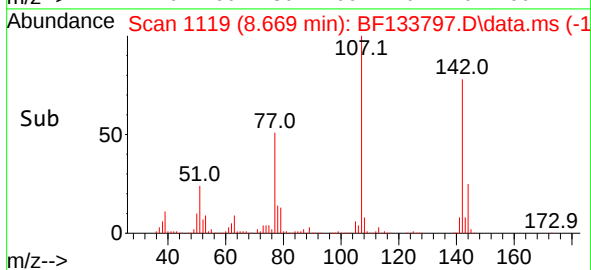
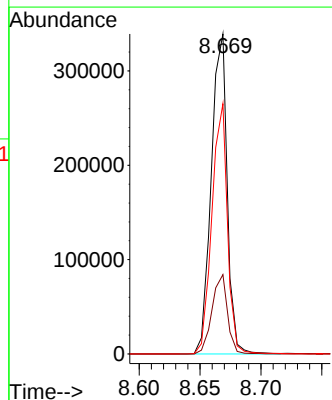
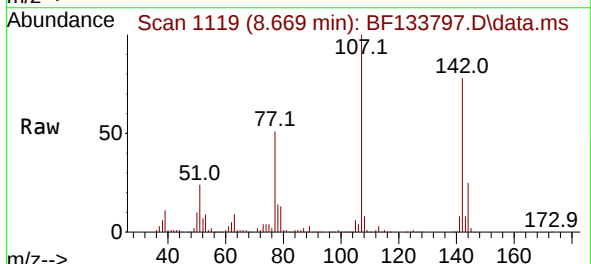
Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREWMSD

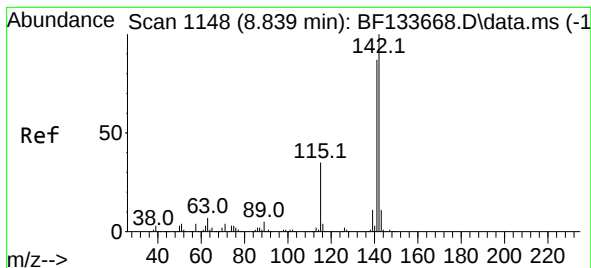
Tgt Ion:113 Resp: 62280
 Ion Ratio Lower Upper
 113 100
 55 187.0 173.3 213.3
 56 133.6 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.781 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.006 min
 Lab File: BF133797.D
 Acq: 16 Jun 2023 03:11

Tgt Ion:107 Resp: 309640
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 78.2 61.1 91.7





#37

2-Methylnaphthalene

Concen: 40.979 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

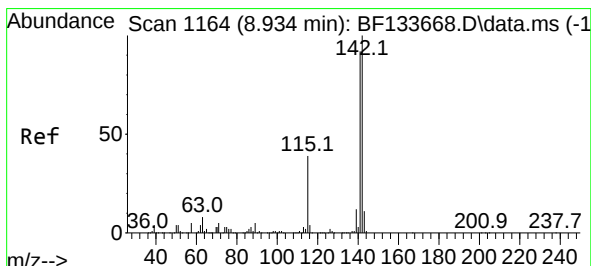
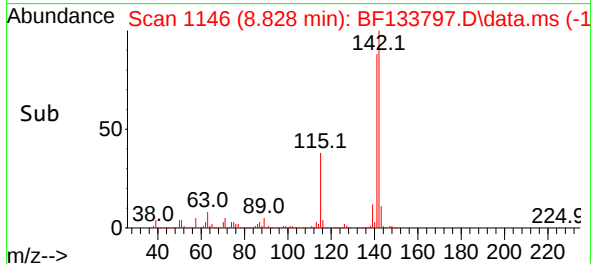
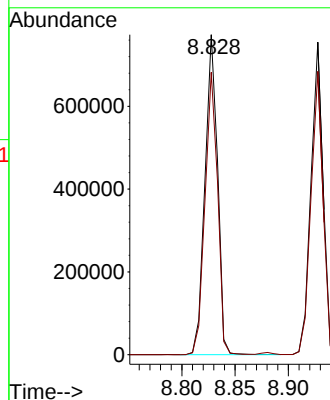
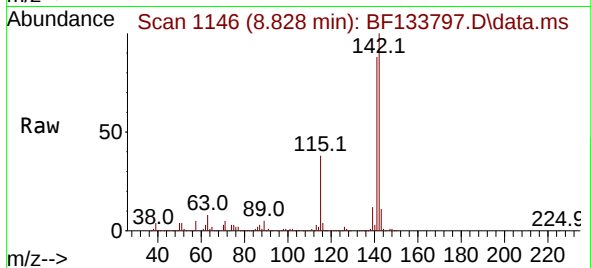
C-ANDREWMSD

Tgt Ion:142 Resp: 636365

Ion Ratio Lower Upper

142 100

141 88.3 69.8 104.8



#38

1-Methylnaphthalene

Concen: 41.552 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF133797.D

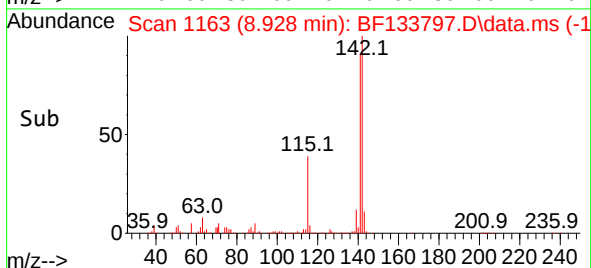
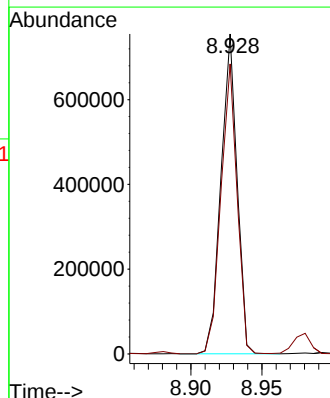
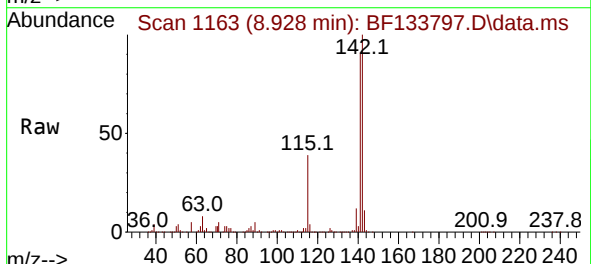
Acq: 16 Jun 2023 03:11

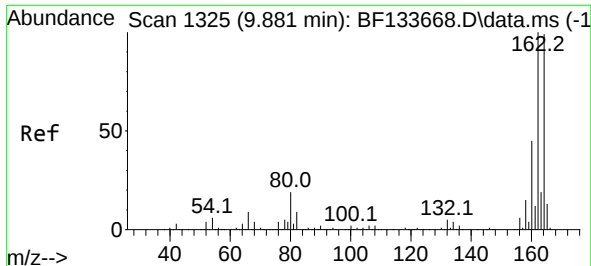
Tgt Ion:142 Resp: 593773

Ion Ratio Lower Upper

142 100

141 90.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

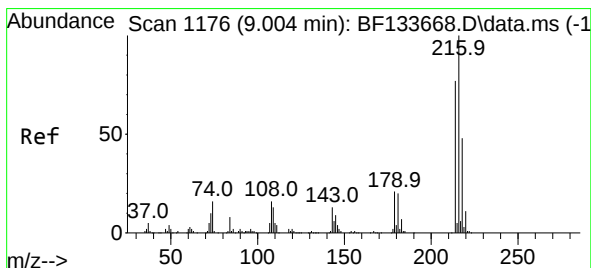
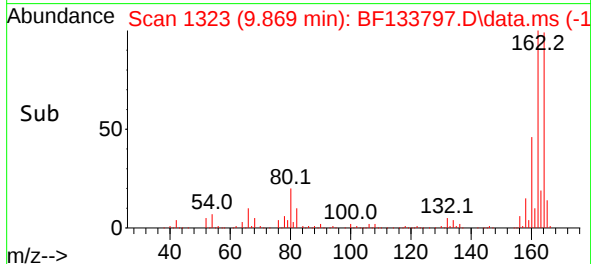
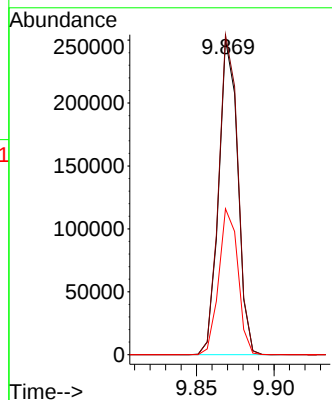
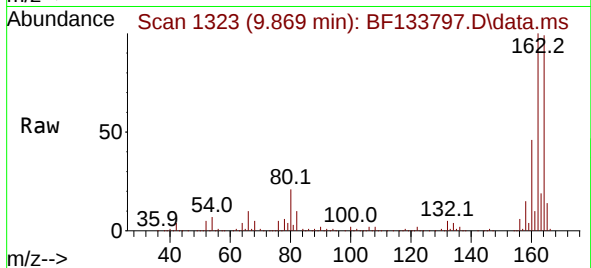
Tgt Ion:164 Resp: 214486

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

160 46.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.850 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Tgt Ion:216 Resp: 298969

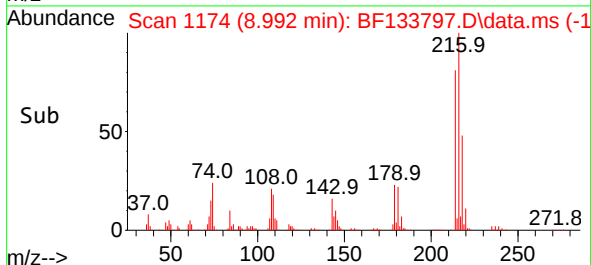
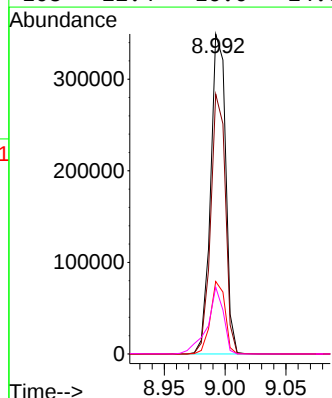
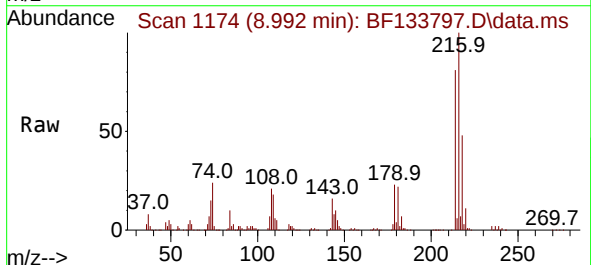
Ion Ratio Lower Upper

216 100

214 79.4 62.7 94.1

179 21.9 17.6 26.4

108 22.4 16.0 24.0

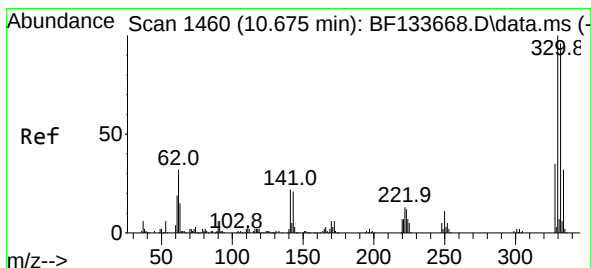
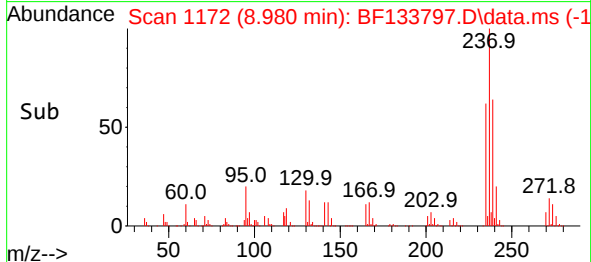
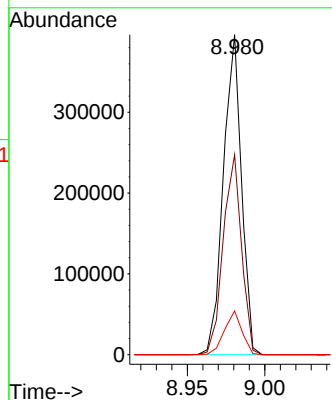
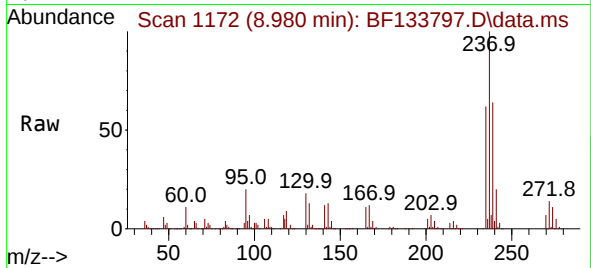




#41
Hexachlorocyclopentadiene
Concen: 110.596 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

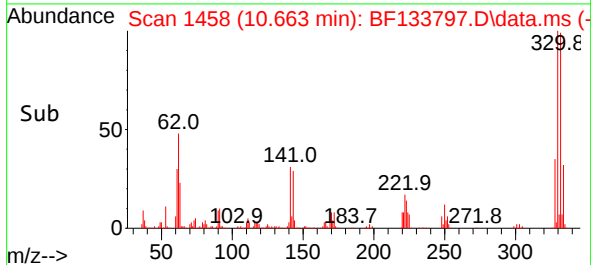
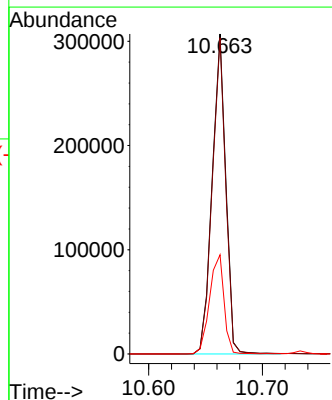
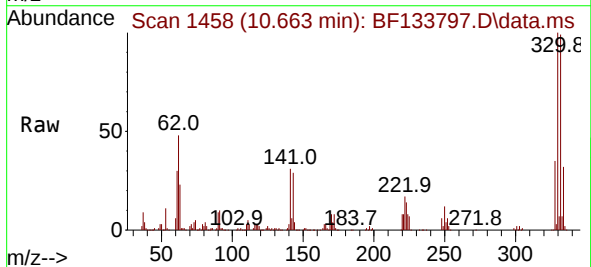
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

Tgt Ion:237 Resp: 321367
Ion Ratio Lower Upper
237 100
235 62.5 40.6 80.6
272 13.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 93.995 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:330 Resp: 255198
Ion Ratio Lower Upper
330 100
332 97.7 77.2 115.8
141 32.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 46.445 ng

RT: 9.104 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

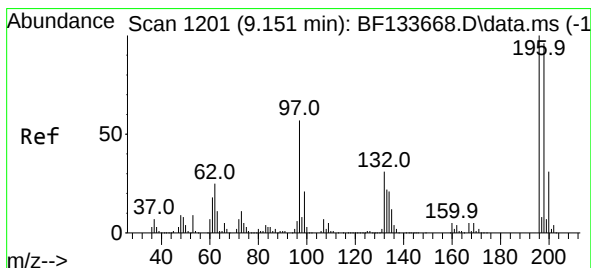
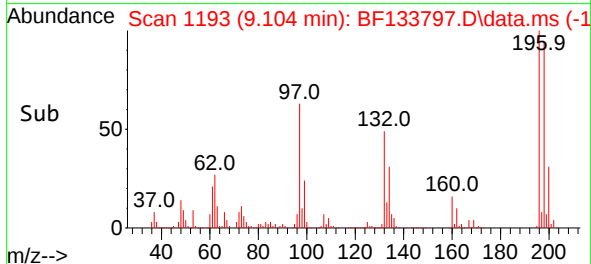
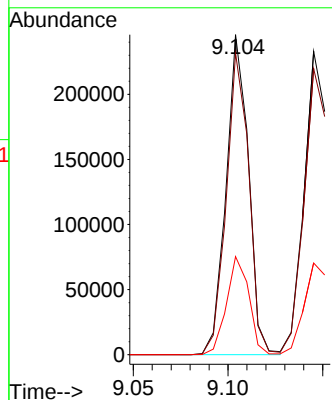
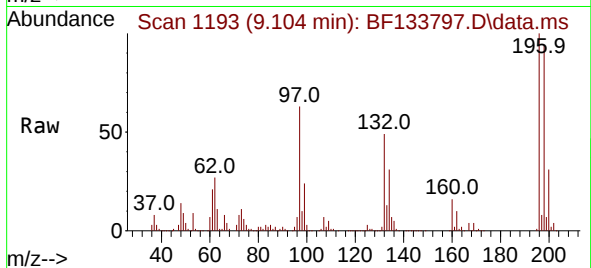
Tgt Ion:196 Resp: 202373

Ion Ratio Lower Upper

196 100

198 94.3 74.5 111.7

200 30.6 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 41.911 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Tgt Ion:196 Resp: 212457

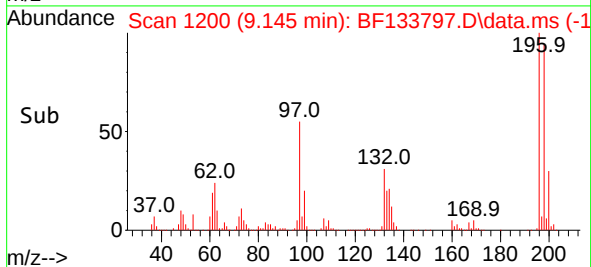
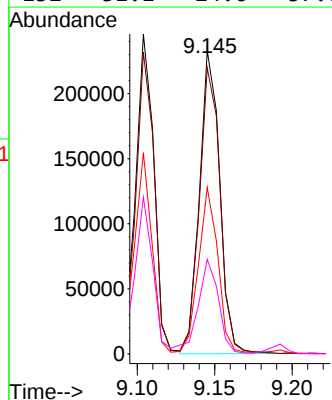
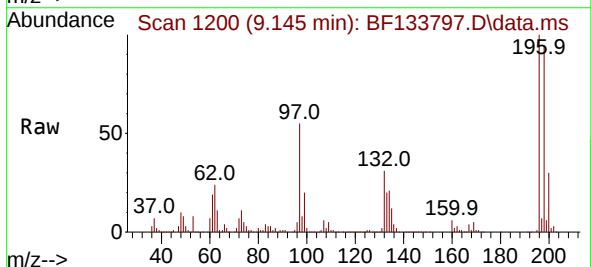
Ion Ratio Lower Upper

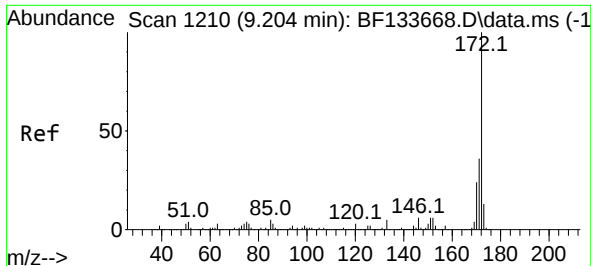
196 100

198 94.3 76.8 115.2

97 54.8 45.4 68.2

132 31.1 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 73.011 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

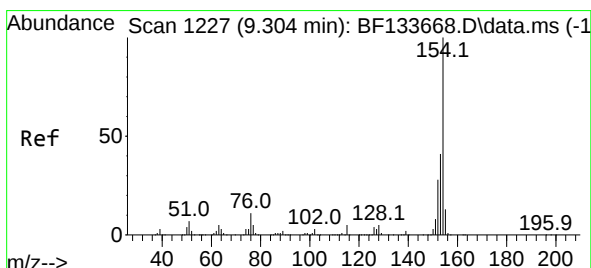
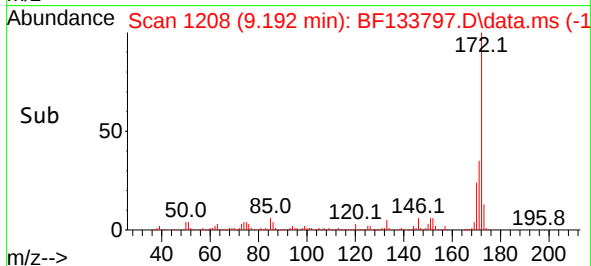
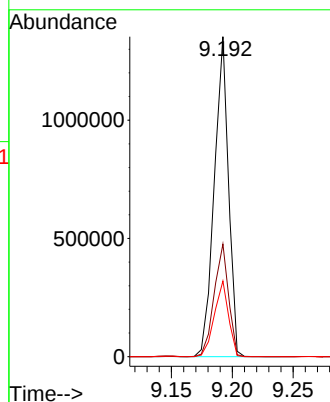
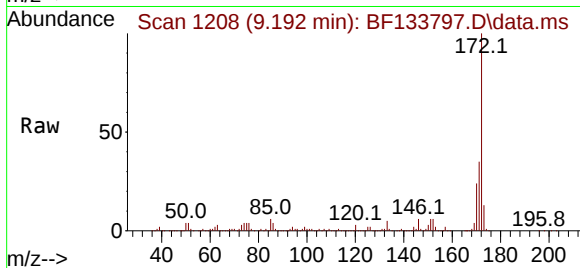
Tgt Ion:172 Resp: 1101626

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 46.191 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

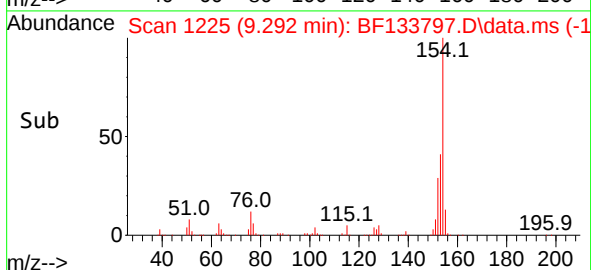
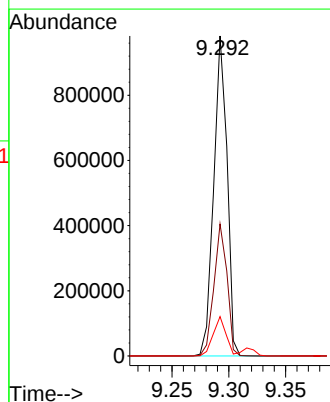
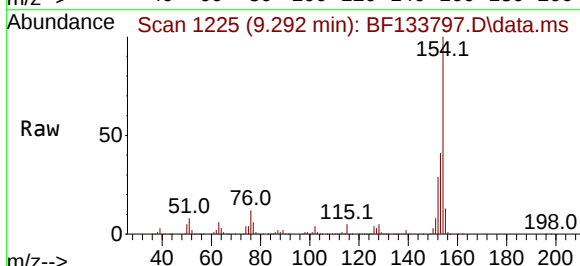
Tgt Ion:154 Resp: 799042

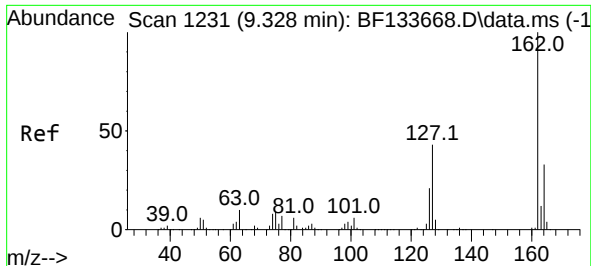
Ion Ratio Lower Upper

154 100

153 41.3 20.6 60.6

76 12.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.685 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

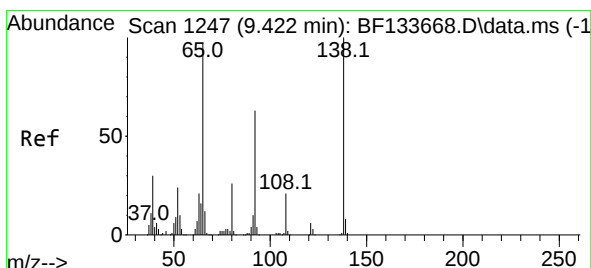
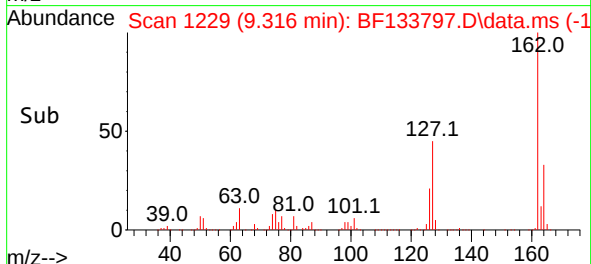
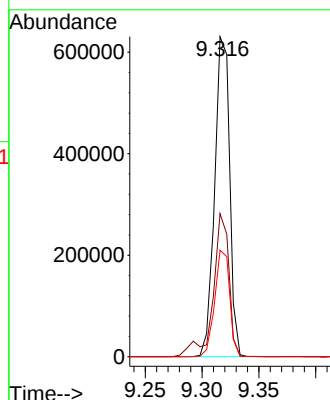
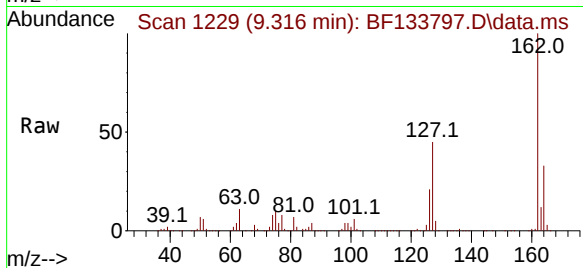
Tgt Ion:162 Resp: 579299

Ion Ratio Lower Upper

162 100

127 44.7 34.6 52.0

164 33.2 26.4 39.6



#48

2-Nitroaniline

Concen: 45.569 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

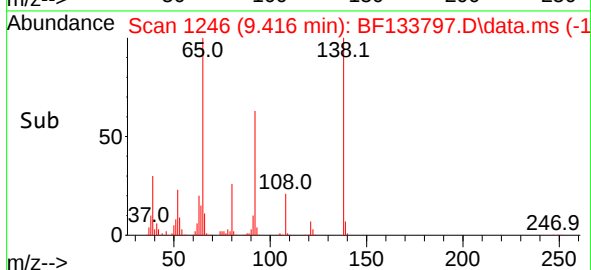
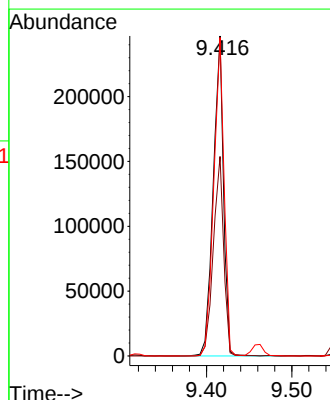
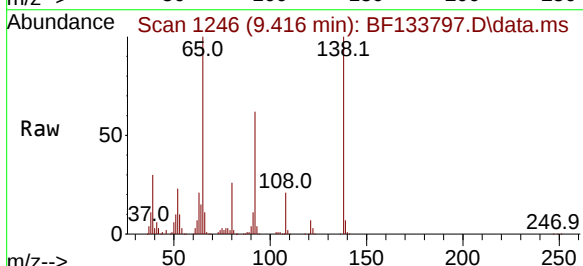
Tgt Ion: 65 Resp: 206798

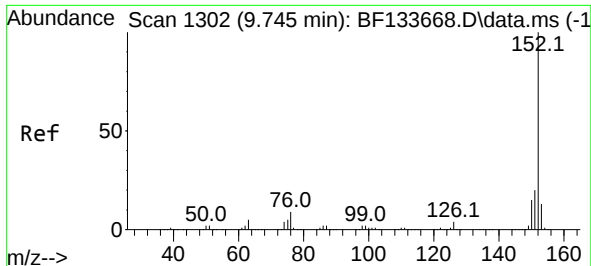
Ion Ratio Lower Upper

65 100

92 62.4 51.8 77.6

138 99.5 82.1 123.1





#49

Acenaphthylene

Concen: 43.957 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

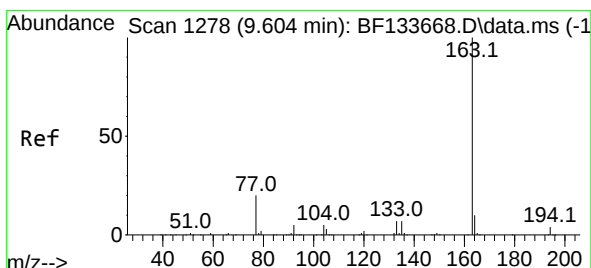
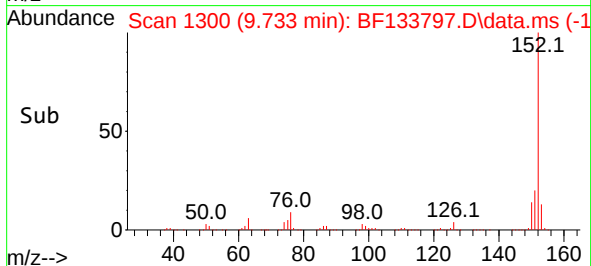
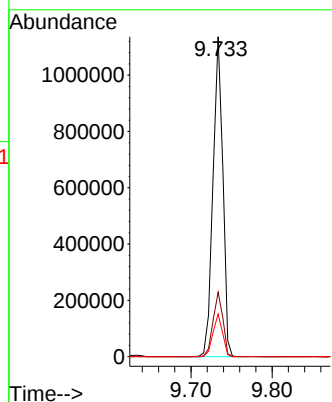
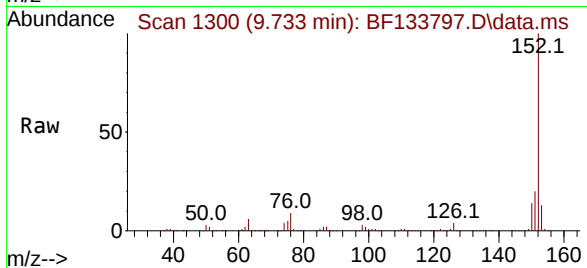
Tgt Ion:152 Resp: 949346

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 43.096 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

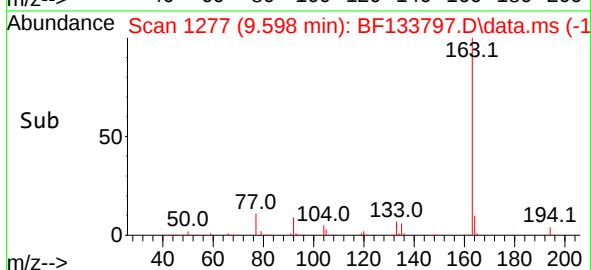
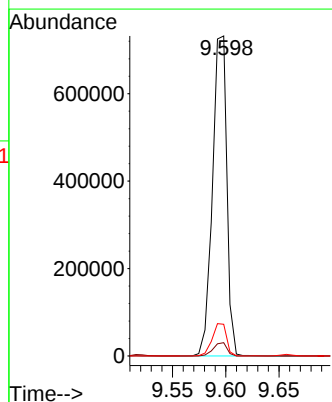
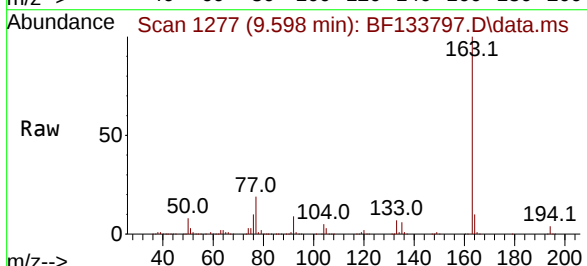
Tgt Ion:163 Resp: 689955

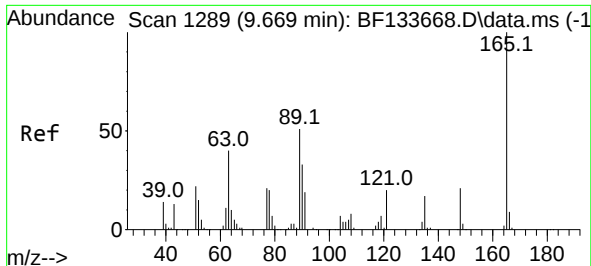
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 9.9 8.0 12.0

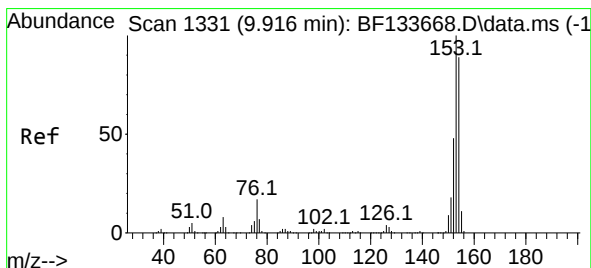
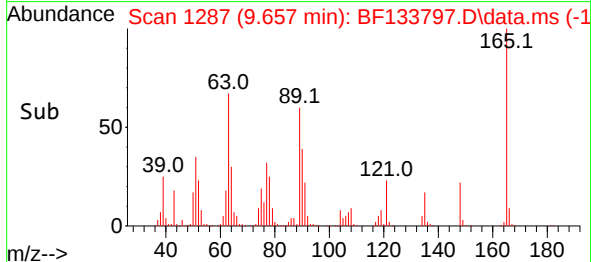
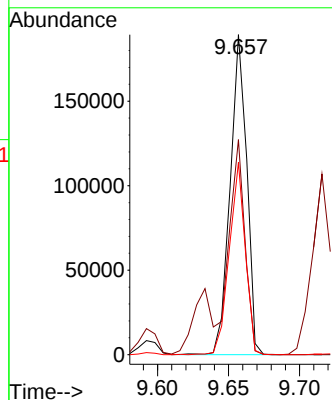
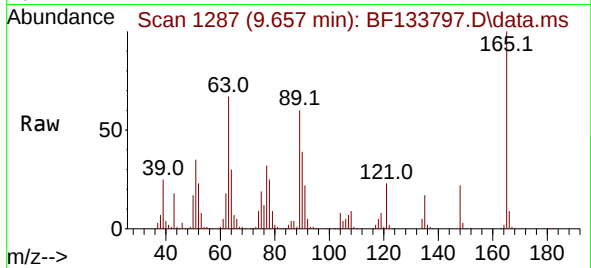




#51
2,6-Dinitrotoluene
Concen: 46.510 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

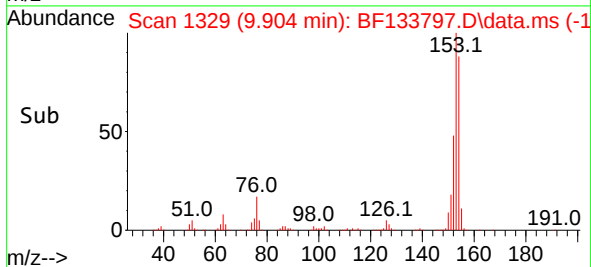
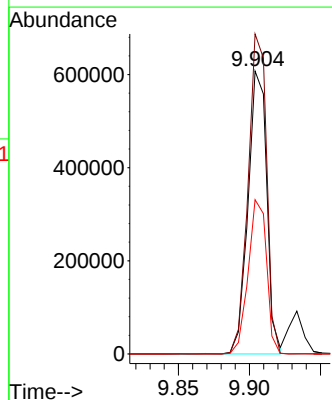
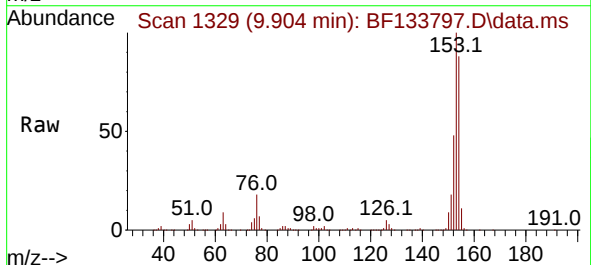
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

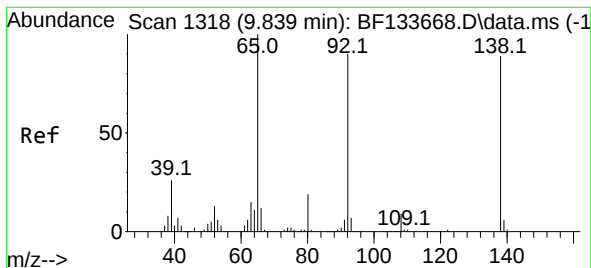
Tgt Ion:165 Resp: 153695
Ion Ratio Lower Upper
165 100
63 67.2 42.1 63.1#
89 60.1 40.9 61.3



#52
Acenaphthene
Concen: 44.004 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:154 Resp: 556274
Ion Ratio Lower Upper
154 100
153 113.1 89.8 134.8
152 54.5 43.4 65.2





#53

3-Nitroaniline

Concen: 35.271 ng

RT: 9.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

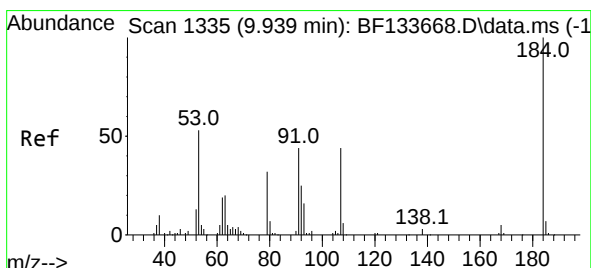
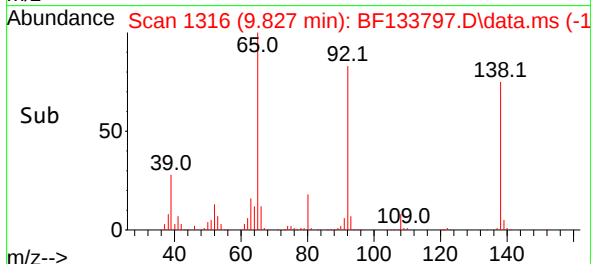
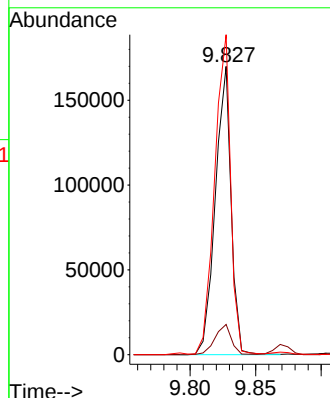
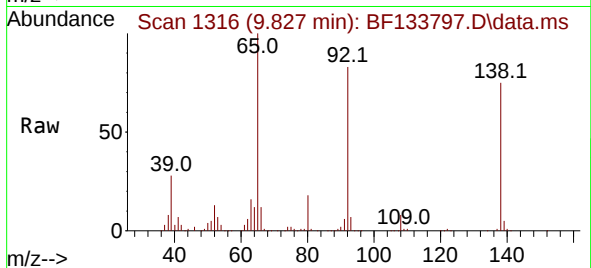
Tgt Ion:138 Resp: 141839

Ion Ratio Lower Upper

138 100

108 10.5 8.2 12.4

92 111.0 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 68.445 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

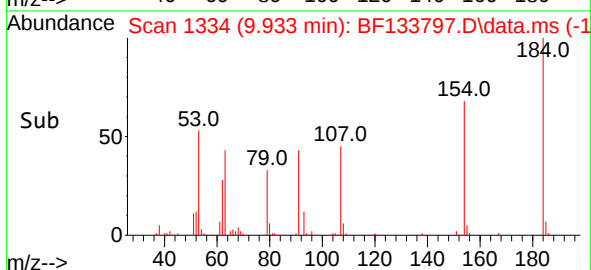
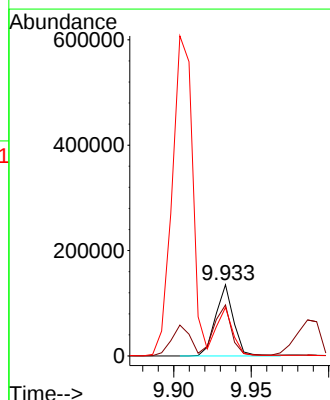
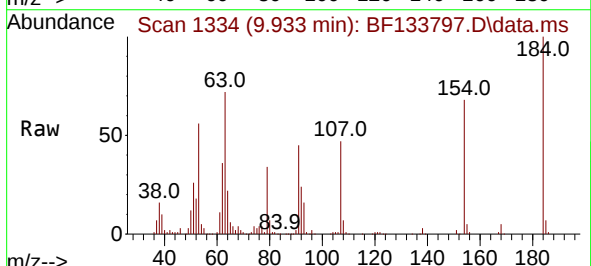
Tgt Ion:184 Resp: 109089

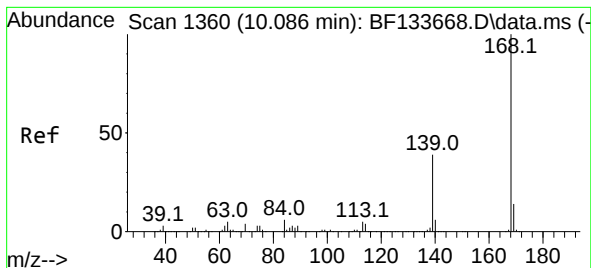
Ion Ratio Lower Upper

184 100

63 71.9 55.3 82.9

154 68.1 51.9 77.9

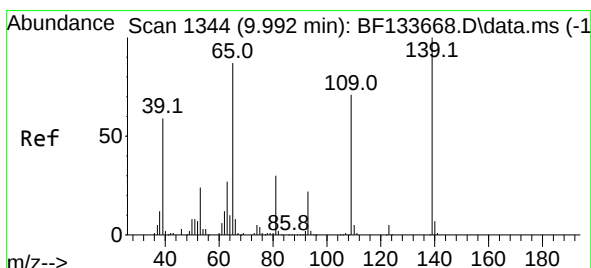
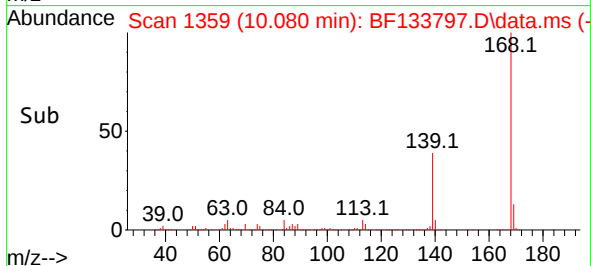
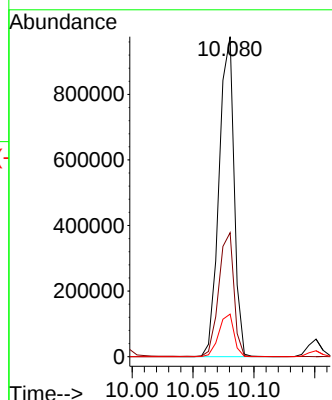
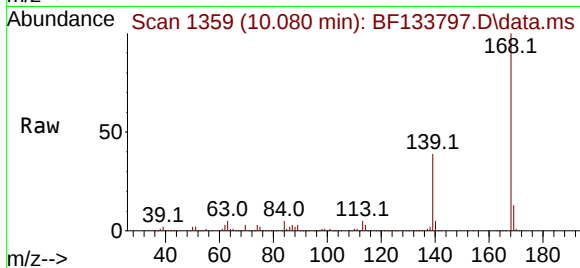




#55
Dibenzenofuran
Concen: 43.555 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

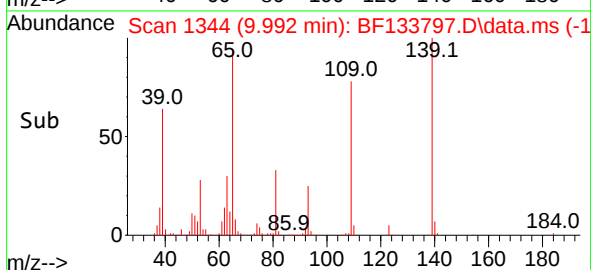
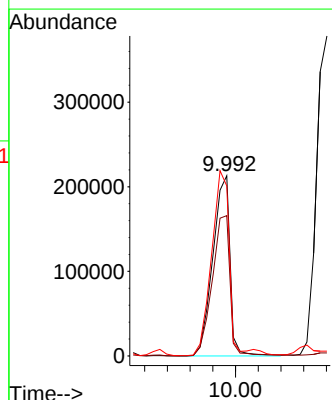
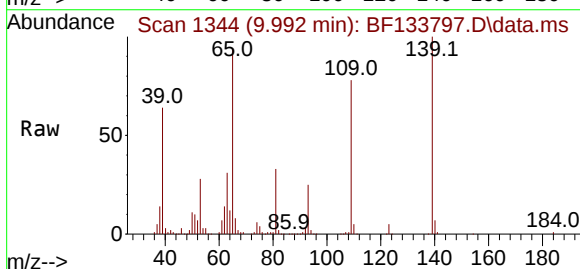
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

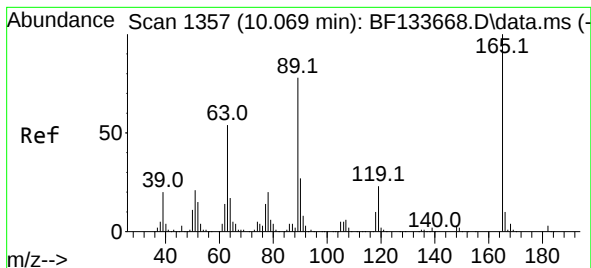
Tgt Ion:168 Resp: 840160
Ion Ratio Lower Upper
168 100
139 38.8 30.9 46.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 82.521 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

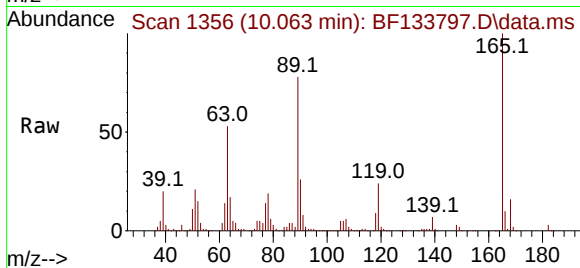
Tgt Ion:139 Resp: 223962
Ion Ratio Lower Upper
139 100
109 77.9 50.7 90.7
65 94.5 67.1 107.1



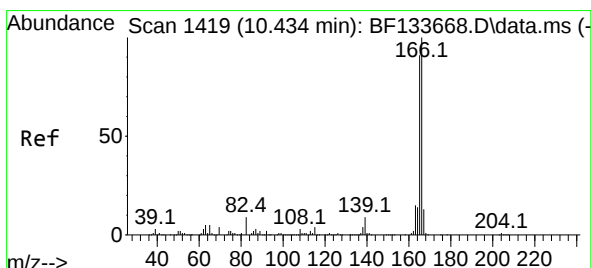
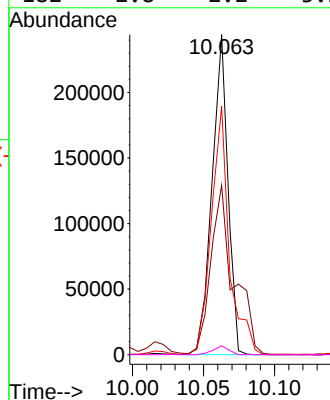
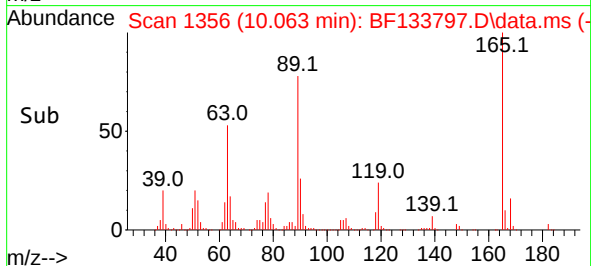


#57
2,4-Dinitrotoluene
Concen: 45.336 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

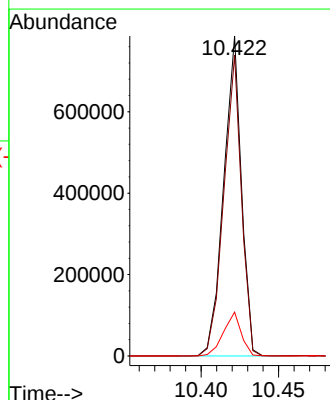
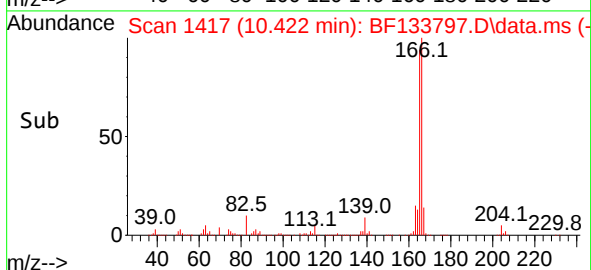
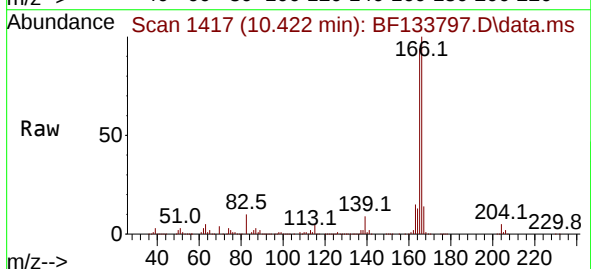


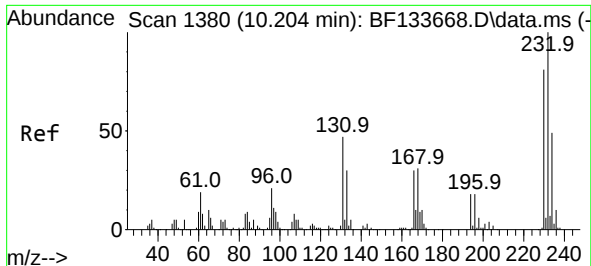
Tgt Ion:165 Resp: 190536
Ion Ratio Lower Upper
165 100
63 52.9 43.0 64.6
89 77.6 62.6 93.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.416 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:166 Resp: 625691
Ion Ratio Lower Upper
166 100
165 94.1 73.1 109.7
167 13.7 10.5 15.7

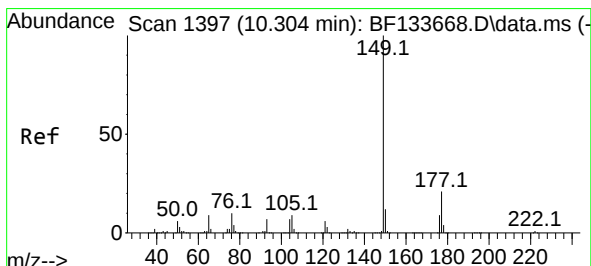
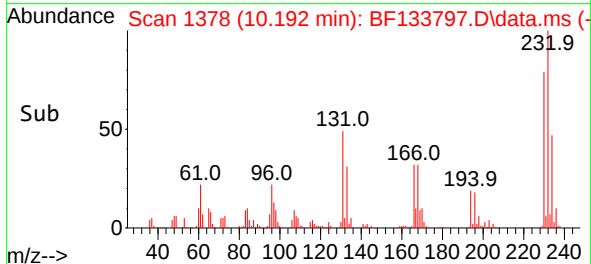
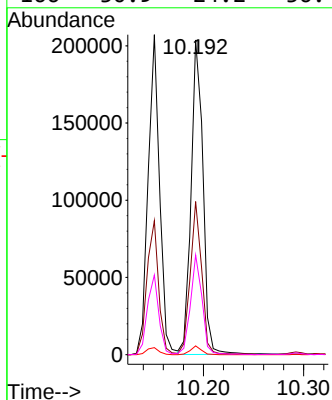
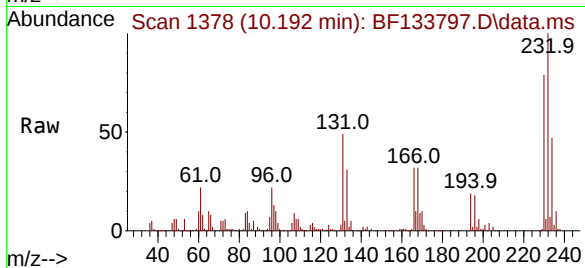




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.133 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

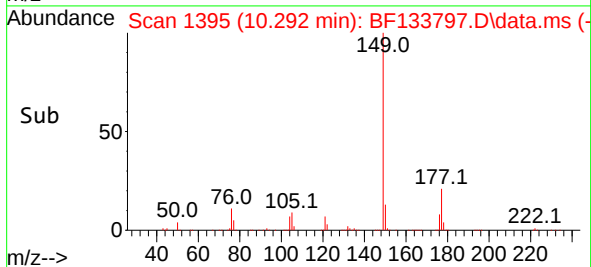
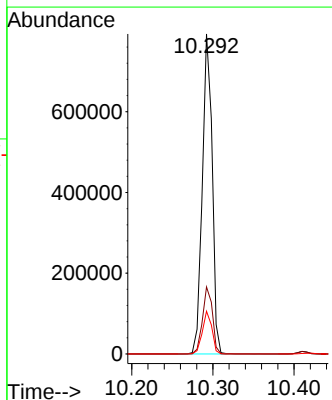
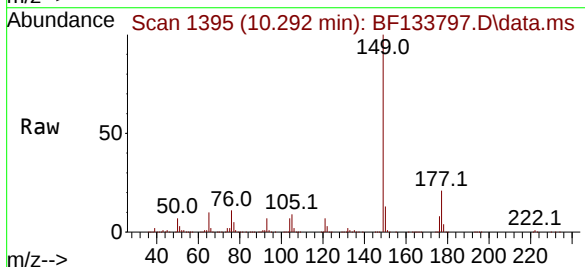
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

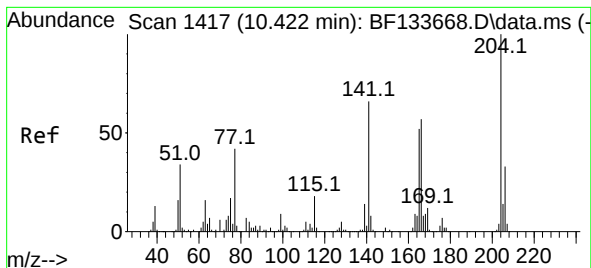
Tgt Ion:232 Resp: 167494
Ion Ratio Lower Upper
232 100
131 46.2 38.0 57.0
130 2.5 1.8 2.8
166 30.9 24.2 36.4



#60
Diethylphthalate
Concen: 40.882 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:149 Resp: 666138
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 13.3 10.0 15.0

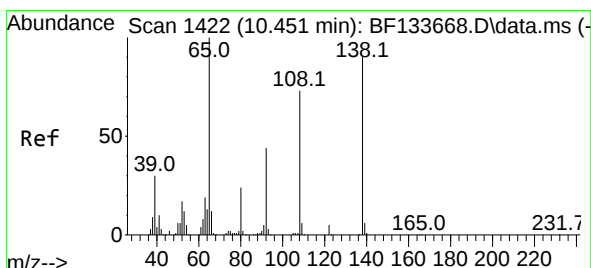
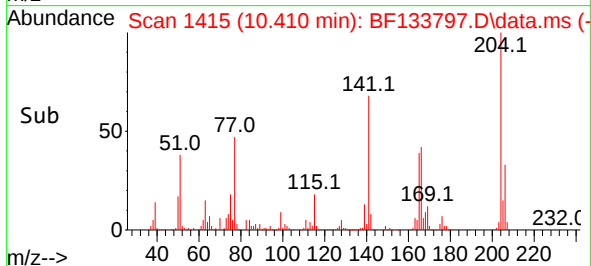
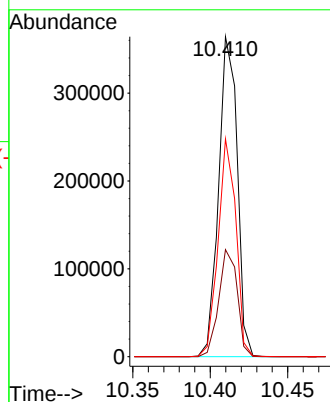
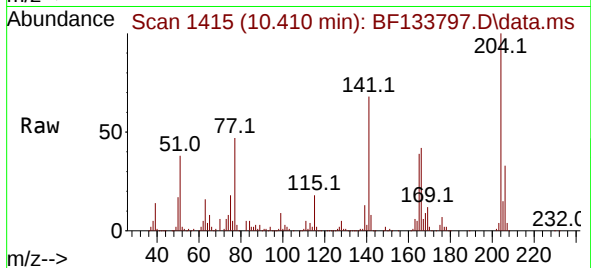




#61
4-Chlorophenyl-phenylether
Concen: 41.719 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

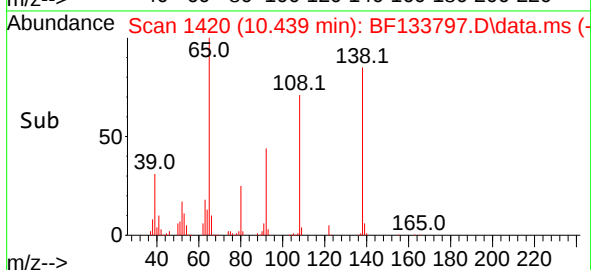
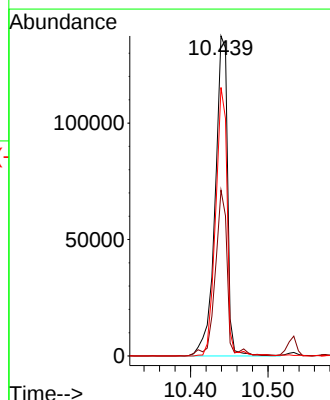
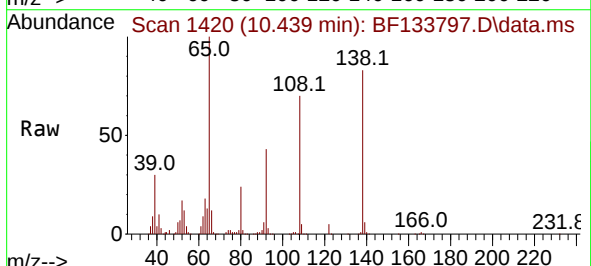
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

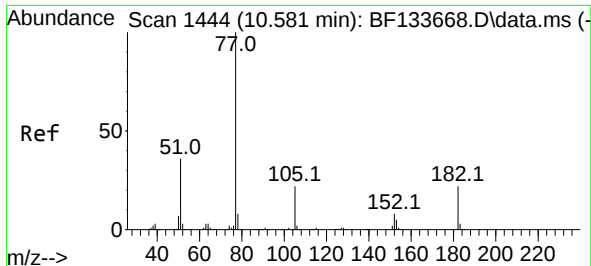
Tgt Ion:204 Resp: 303811
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 68.1 52.8 79.2



#62
4-Nitroaniline
Concen: 38.906 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:138 Resp: 153404
Ion Ratio Lower Upper
138 100
92 51.8 28.9 68.9
108 83.9 61.0 101.0

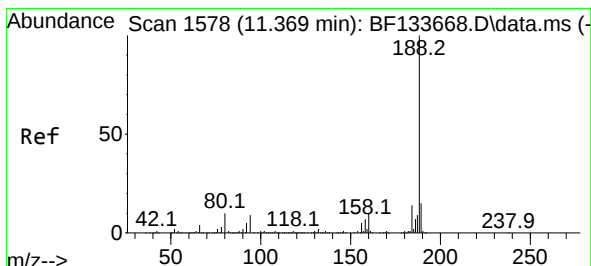
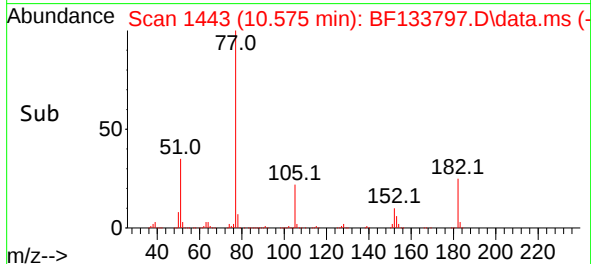
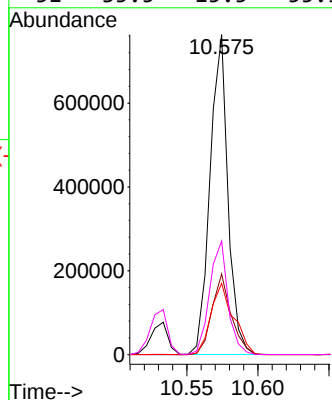
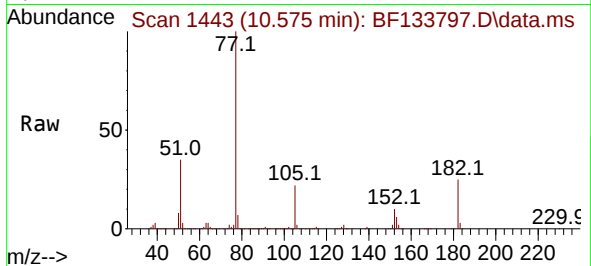




#63
Azobenzene
Concen: 43.254 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

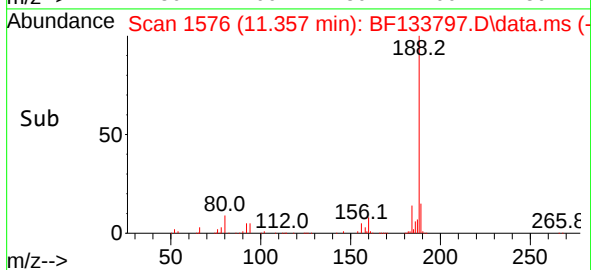
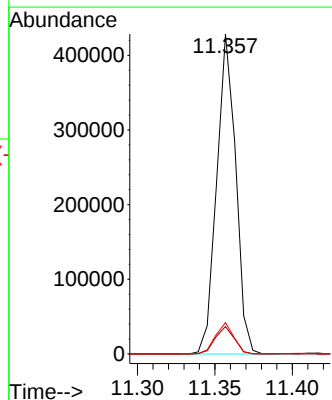
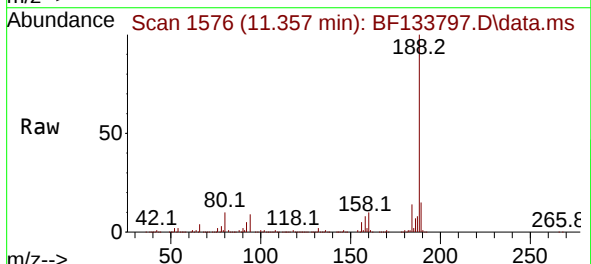
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

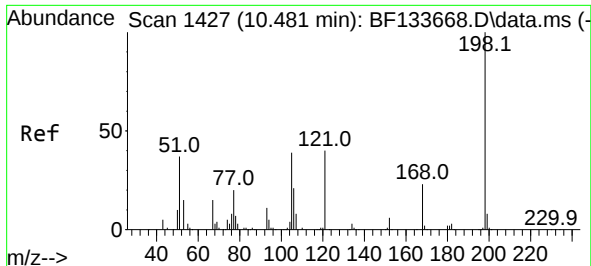
Tgt Ion: 77	Resp: 667197
Ion Ratio	Lower Upper
77 100	
182 25.2	1.6 41.6
105 22.3	1.6 41.6
51 35.5	15.5 55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:188	Resp: 366509
Ion Ratio	Lower Upper
188 100	
94 8.6	6.8 10.2
80 9.8	7.8 11.6

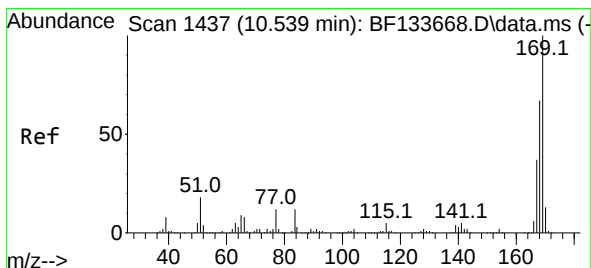
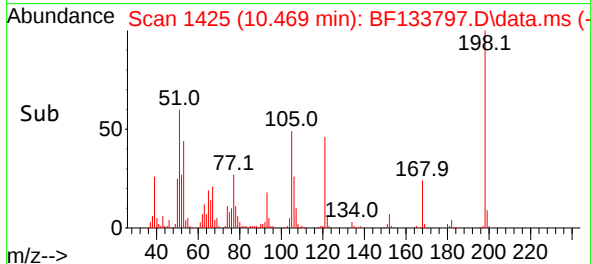
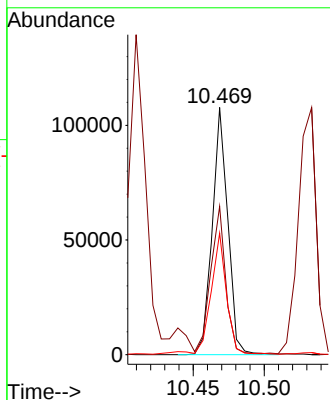
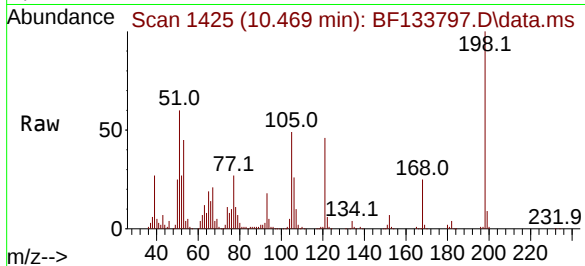




#65
4,6-Dinitro-2-methylphenol
Concen: 46.940 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

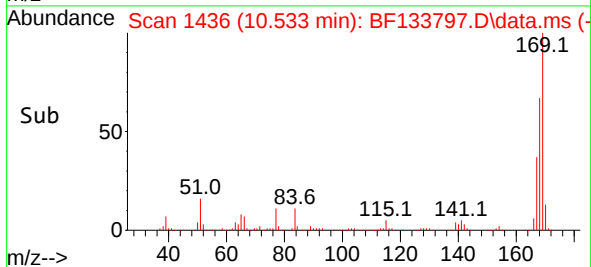
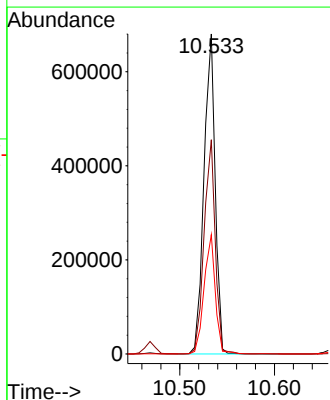
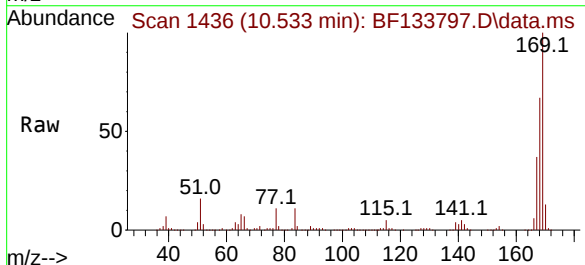
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

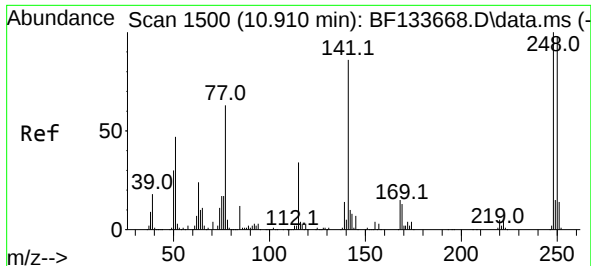
Tgt Ion:198 Resp: 82208
Ion Ratio Lower Upper
198 100
51 60.0 27.5 67.5
105 49.2 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 45.328 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:169 Resp: 558038
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 37.2 29.8 44.8

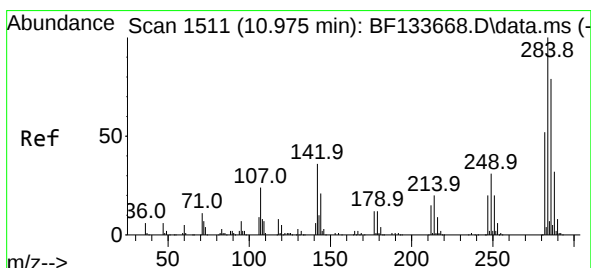
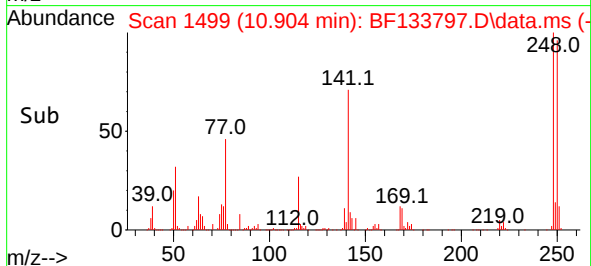
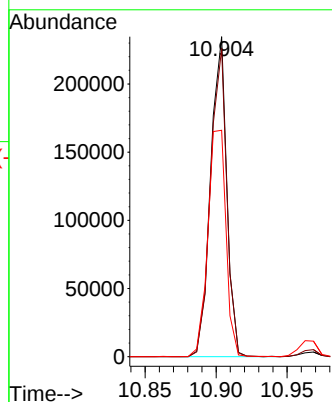
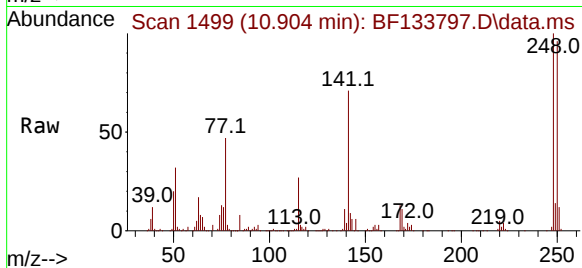




#67
4-Bromophenyl-phenylether
Concen: 45.566 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

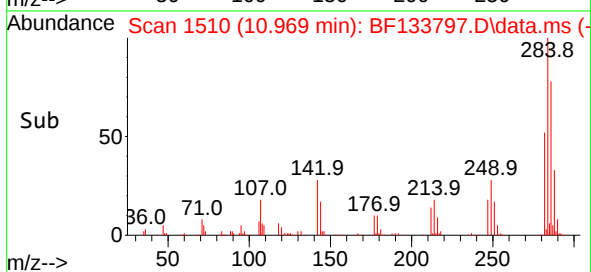
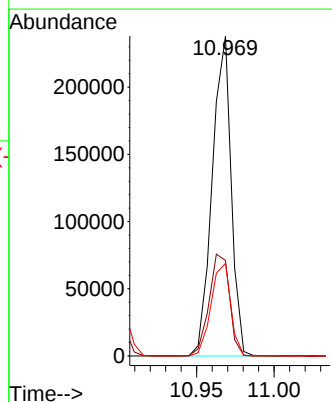
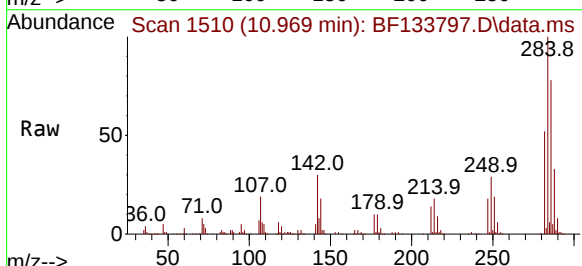
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

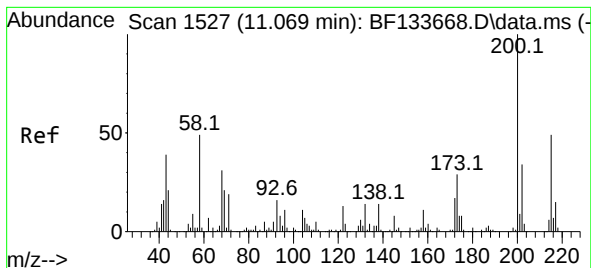
Tgt Ion:248 Resp: 186397
Ion Ratio Lower Upper
248 100
250 96.2 78.3 117.5
141 70.8 69.0 103.6



#68
Hexachlorobenzene
Concen: 46.886 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:284 Resp: 201689
Ion Ratio Lower Upper
284 100
142 29.8 28.6 42.8
249 28.9 24.6 36.8





#69

Atrazine

Concen: 48.083 ng

RT: 11.057 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

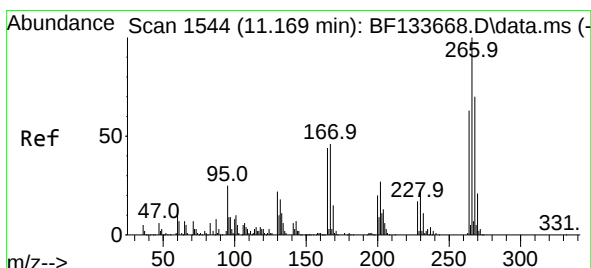
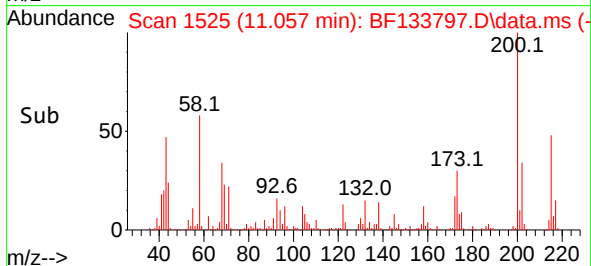
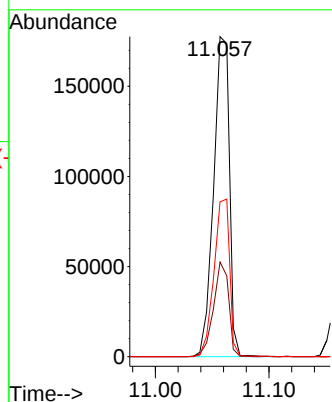
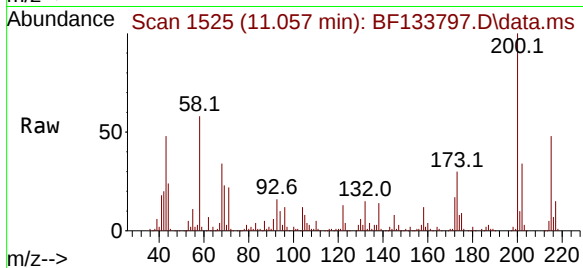
Tgt Ion:200 Resp: 171756

Ion Ratio Lower Upper

200 100

173 29.5 8.7 48.7

215 48.4 29.0 69.0



#70

Pentachlorophenol

Concen: 66.204 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

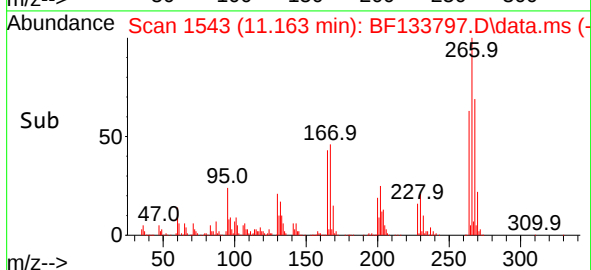
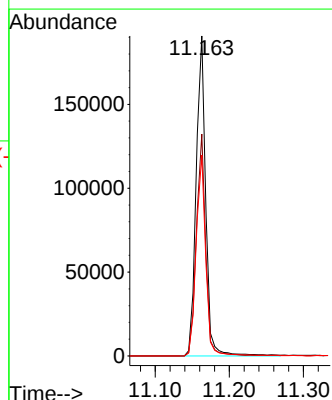
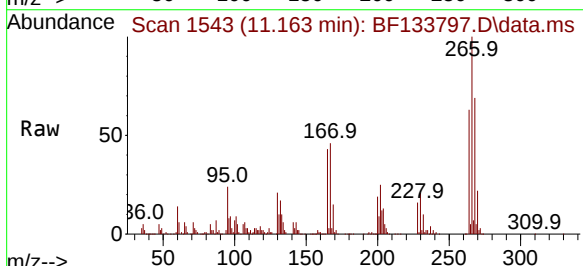
Tgt Ion:266 Resp: 170534

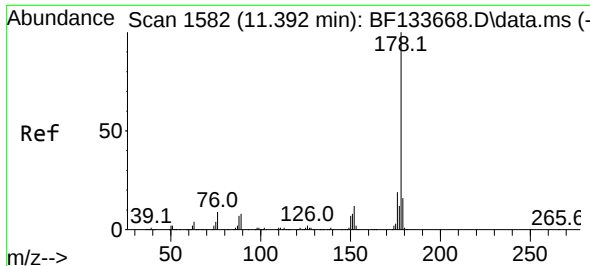
Ion Ratio Lower Upper

266 100

268 69.3 55.7 83.5

264 62.8 50.7 76.1

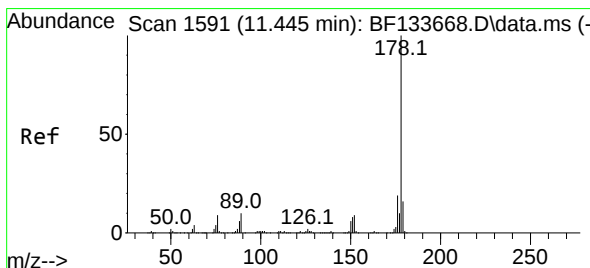
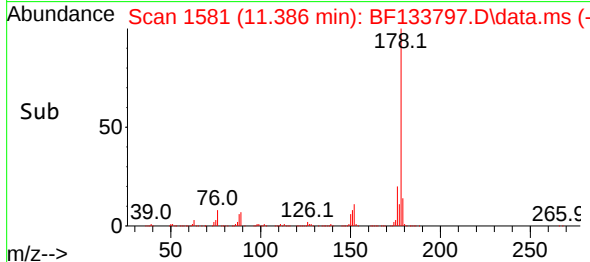
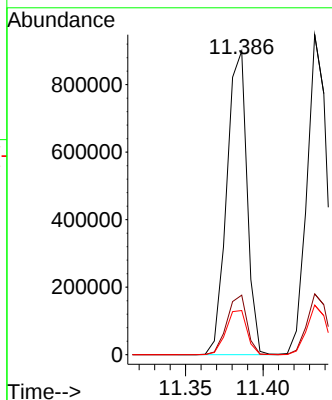
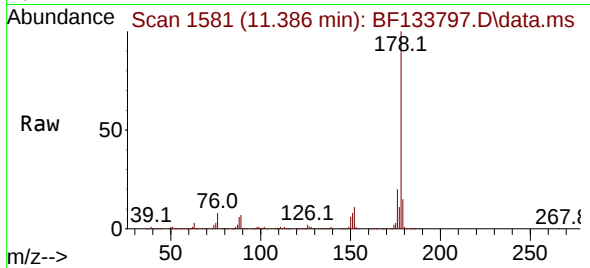




#71
Phenanthrene
Concen: 44.036 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

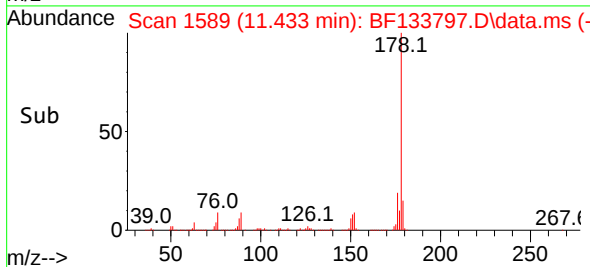
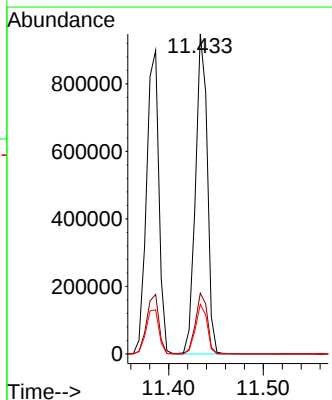
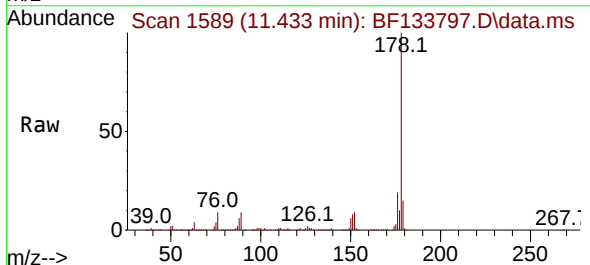
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

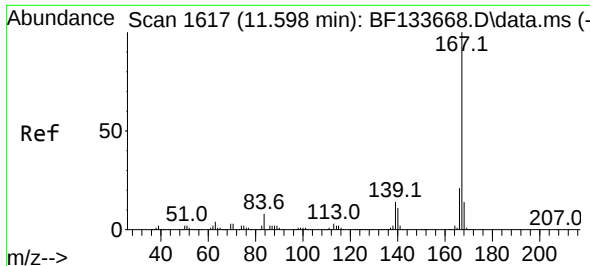
Tgt Ion:178 Resp: 818836
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 14.5 12.4 18.6



#72
Anthracene
Concen: 42.544 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

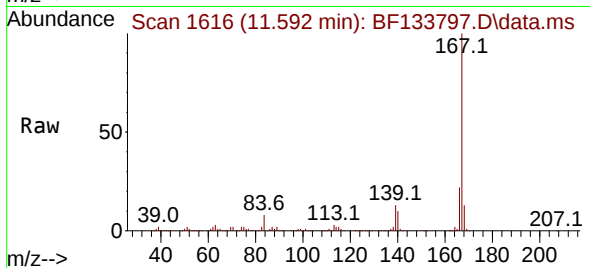
Tgt Ion:178 Resp: 824878
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.6 18.8





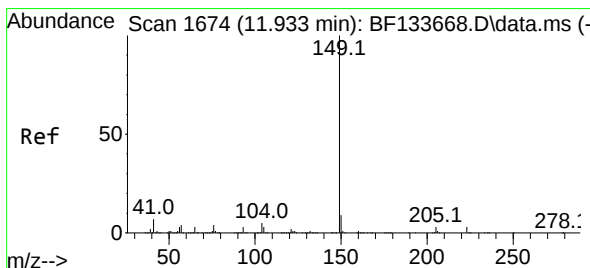
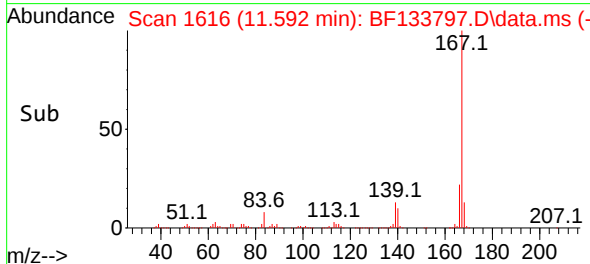
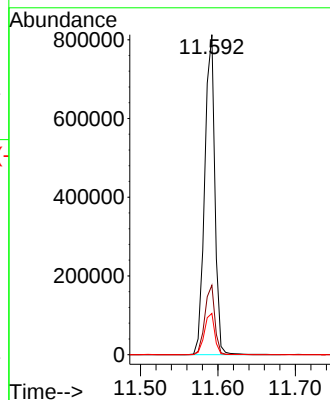
#73
 Carbazole
 Concen: 40.962 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF133797.D
 Acq: 16 Jun 2023 03:11

Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREWMSD



Tgt Ion:167 Resp: 739698

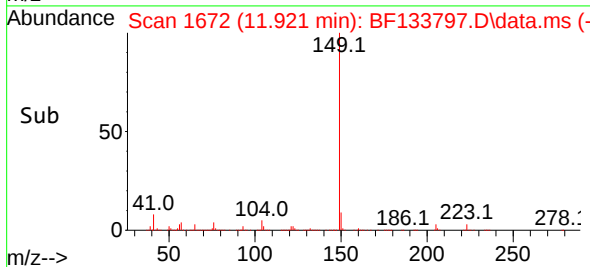
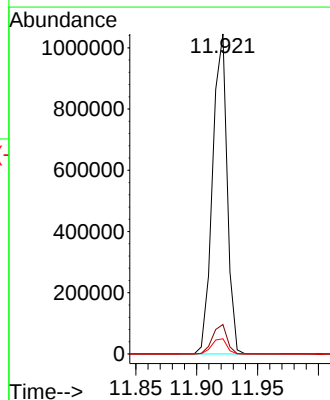
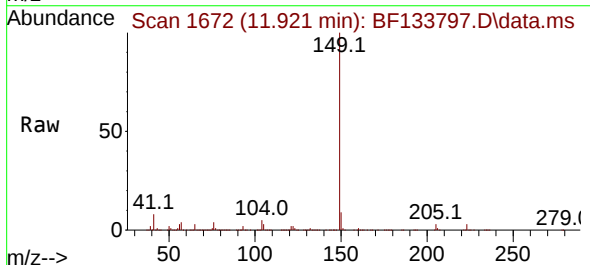
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	12.9	11.2	16.8

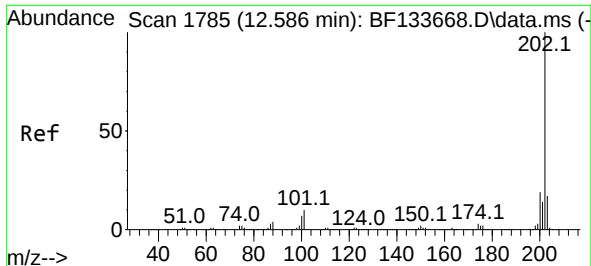


#74
 Di-n-butylphthalate
 Concen: 37.734 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF133797.D
 Acq: 16 Jun 2023 03:11

Tgt Ion:149 Resp: 873538

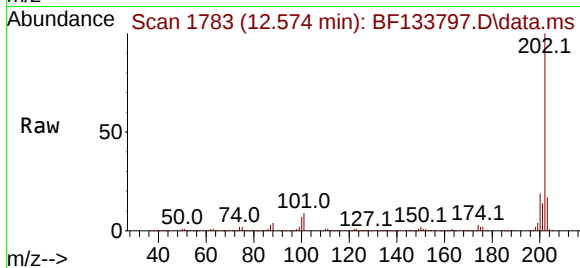
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.8	3.8	5.8



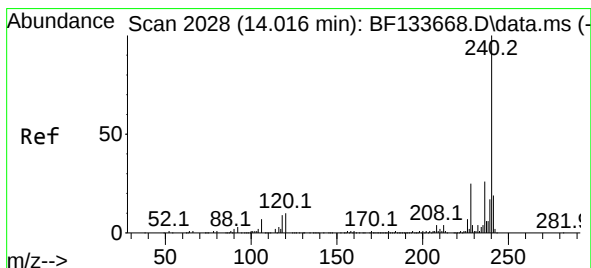
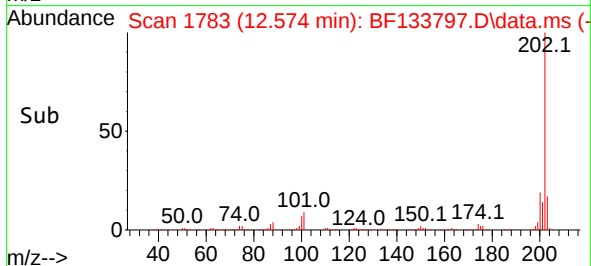
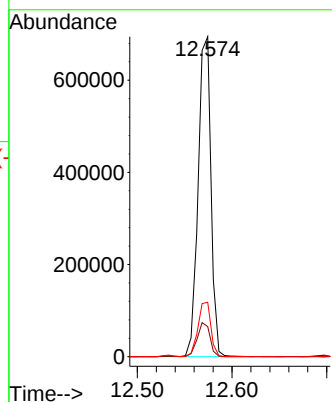


#75
Fluoranthene
Concen: 33.148 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

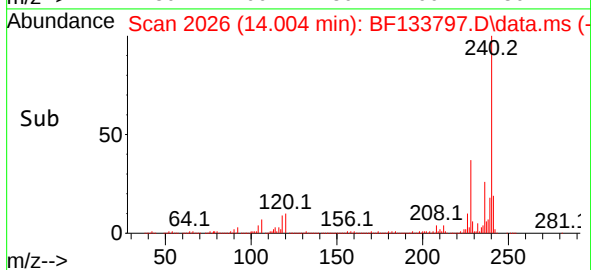
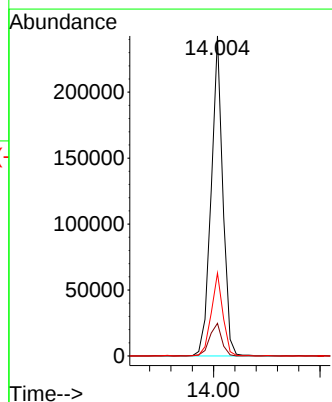
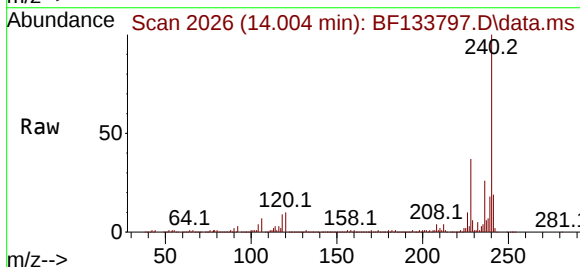


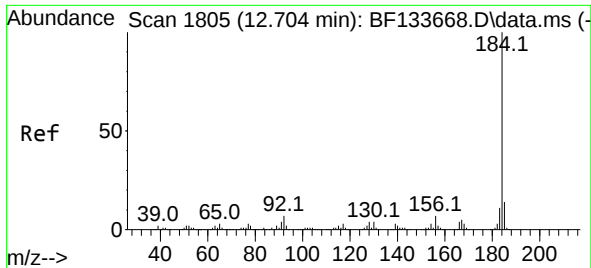
Tgt Ion:202 Resp: 654549
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.6
203 17.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:240 Resp: 183952
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.9 20.5 30.7

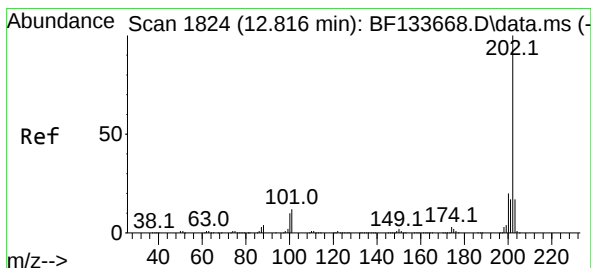
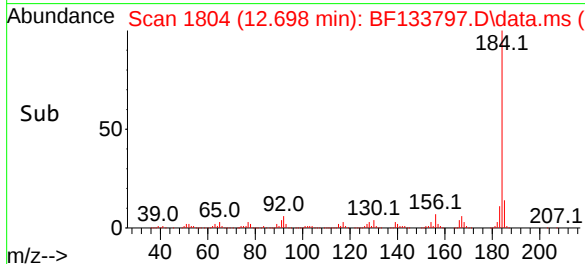
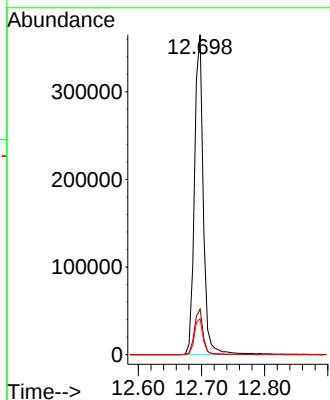
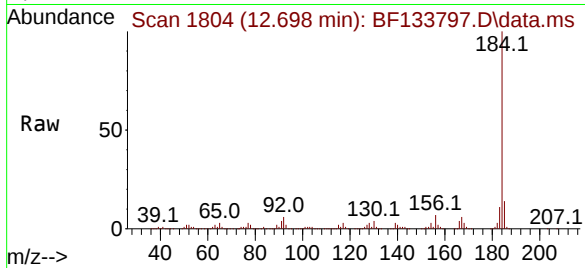




#77
Benzidine
Concen: 57.571 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

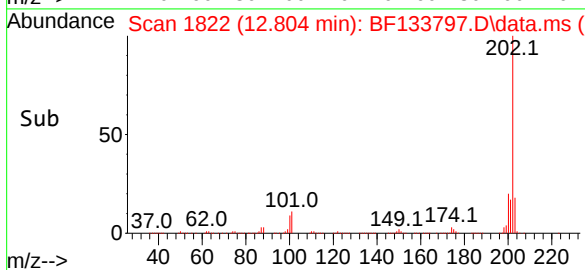
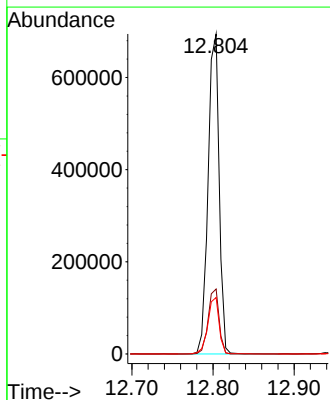
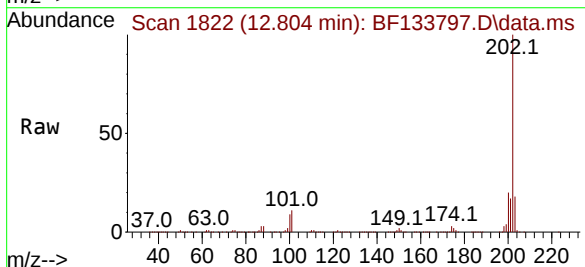
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

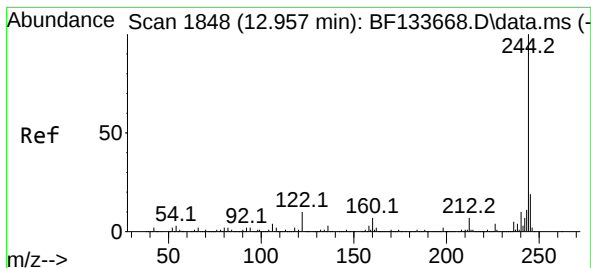
Tgt Ion:184 Resp: 355368
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.2 8.4 12.6



#78
Pyrene
Concen: 38.246 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:202 Resp: 655376
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 60.745 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

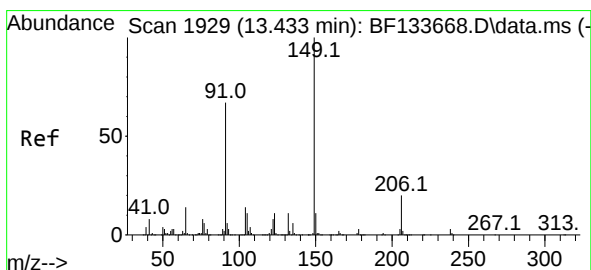
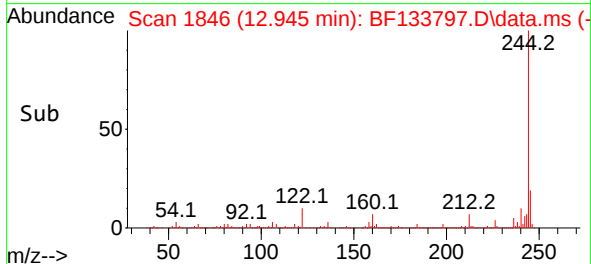
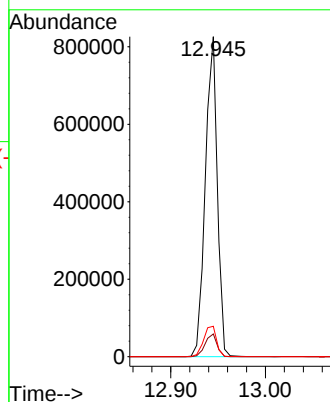
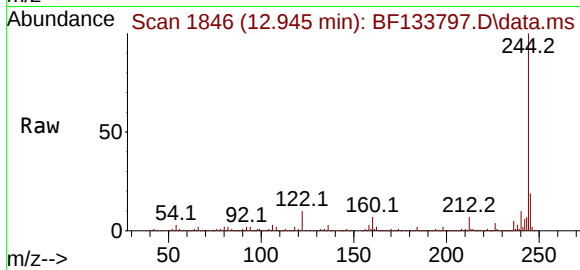
Tgt Ion:244 Resp: 722155

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.5 8.1 12.1



#80

Butylbenzylphthalate

Concen: 34.814 ng

RT: 13.421 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

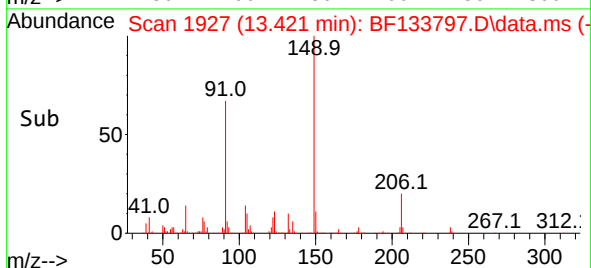
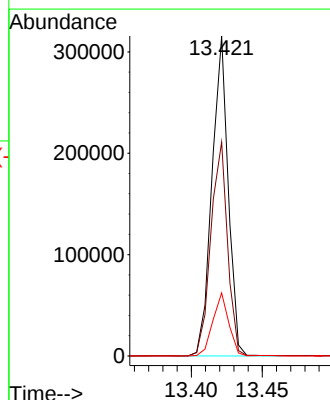
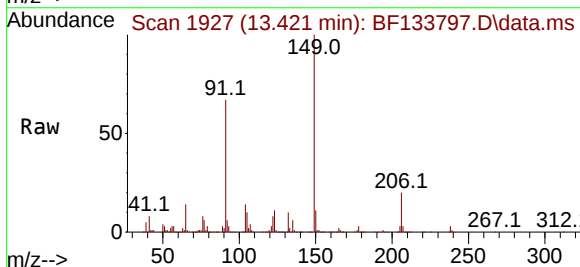
Tgt Ion:149 Resp: 251852

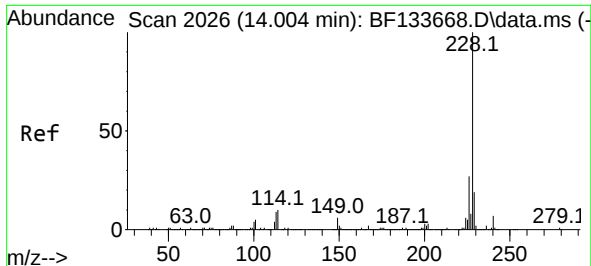
Ion Ratio Lower Upper

149 100

91 66.9 54.0 81.0

206 19.7 15.6 23.4

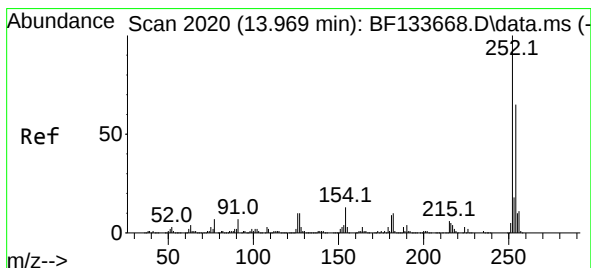
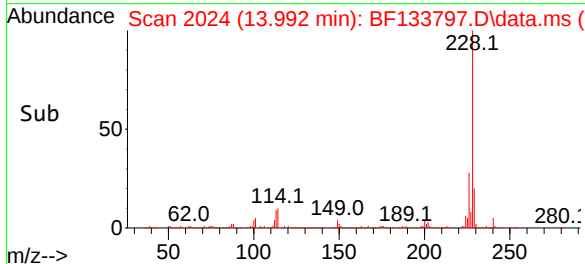
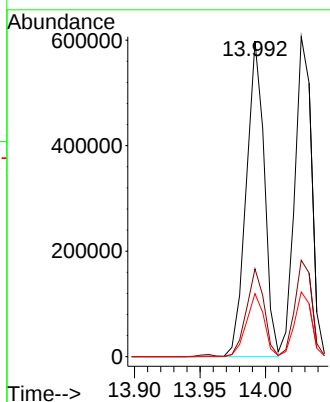
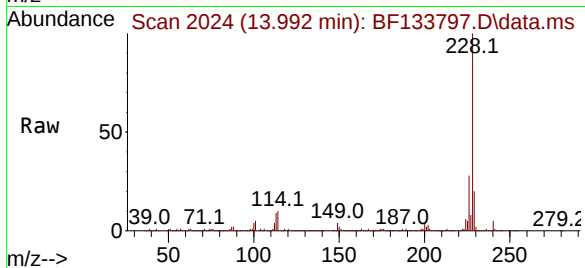




#81
Benzo(a)anthracene
Concen: 45.143 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

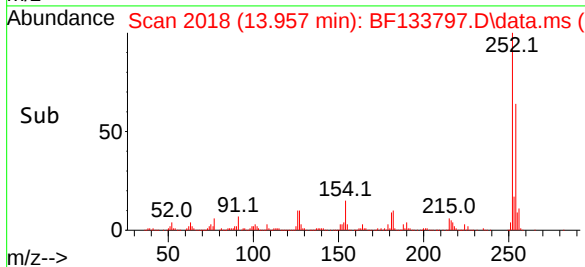
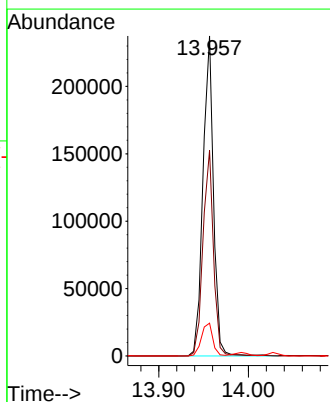
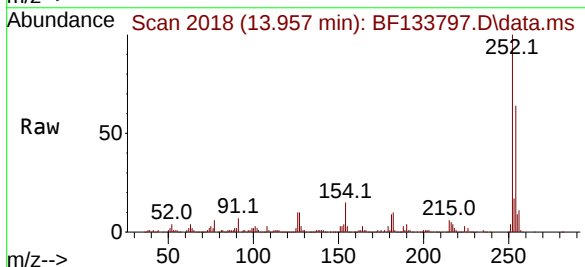
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

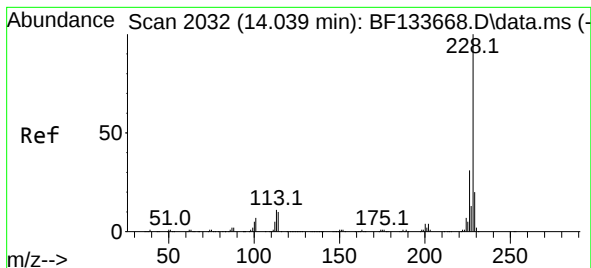
Tgt Ion:228 Resp: 574402
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 45.621 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:252 Resp: 192986
Ion Ratio Lower Upper
252 100
254 64.3 51.9 77.9
126 10.3 7.7 11.5





#83

Chrysene

Concen: 45.005 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

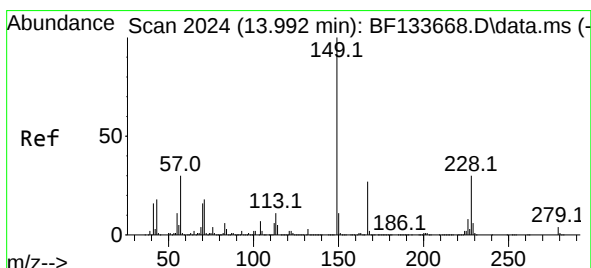
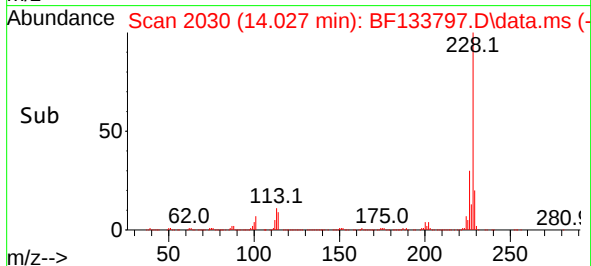
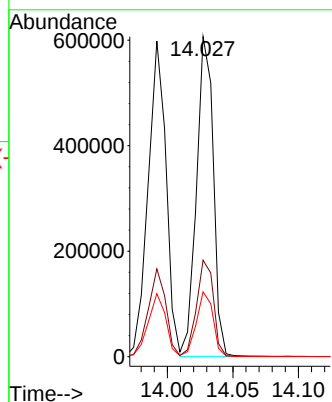
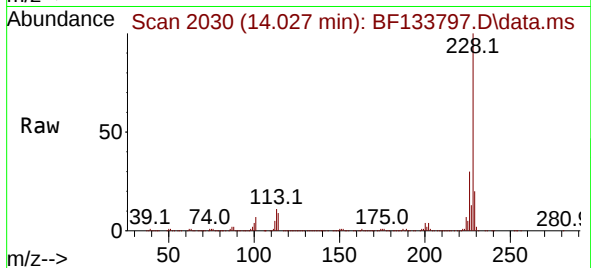
Tgt Ion:228 Resp: 541620

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

229 20.3 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.074 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

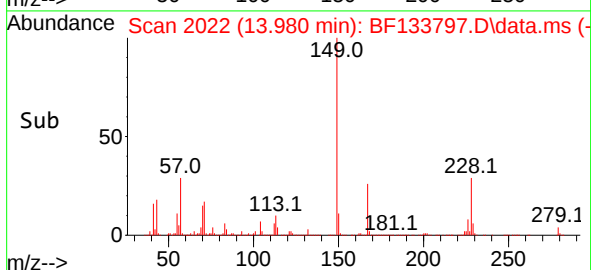
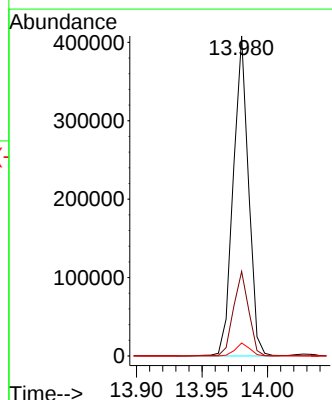
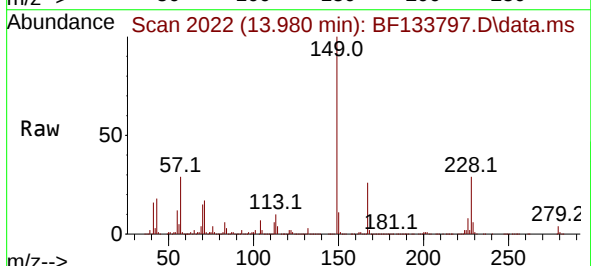
Tgt Ion:149 Resp: 330233

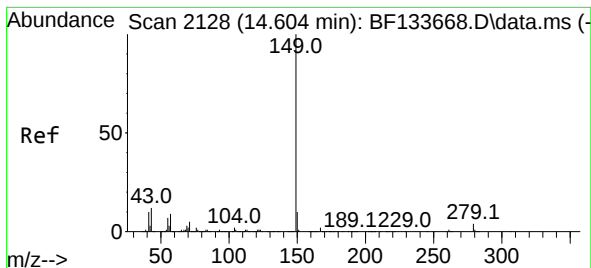
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.892 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

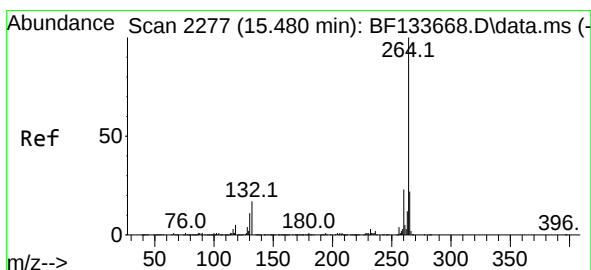
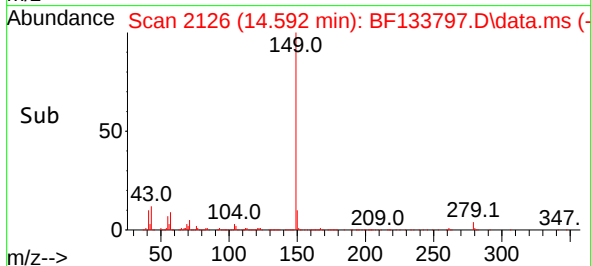
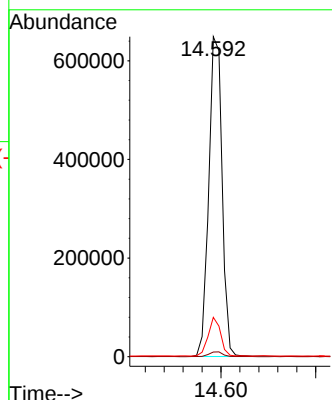
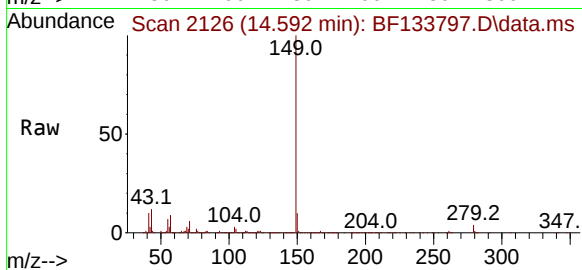
Tgt Ion:149 Resp: 631525

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.2 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: BF133797.D

Acq: 16 Jun 2023 03:11

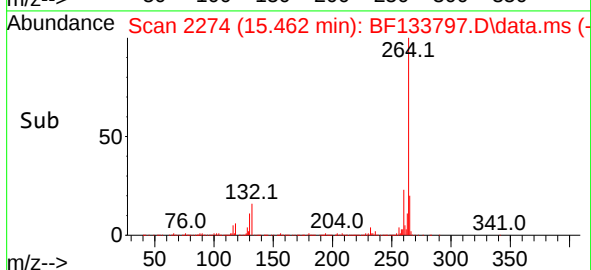
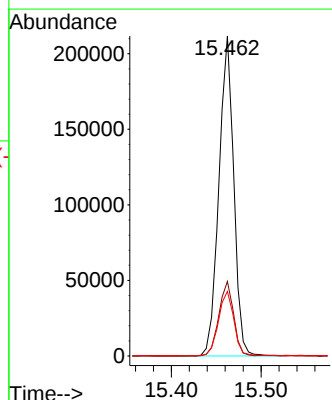
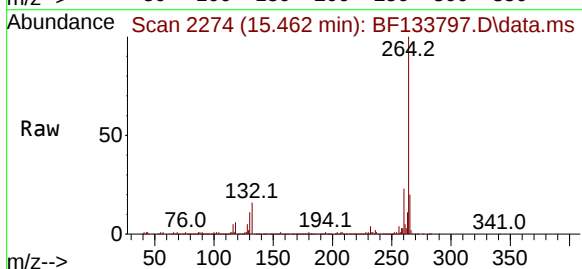
Tgt Ion:264 Resp: 243279

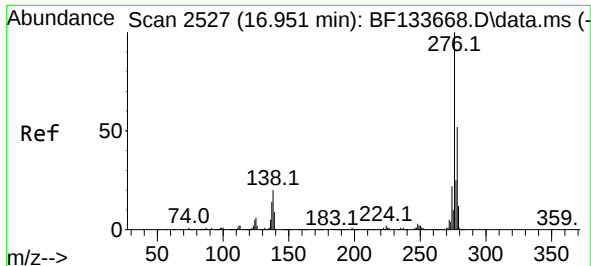
Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 20.2 17.8 26.6

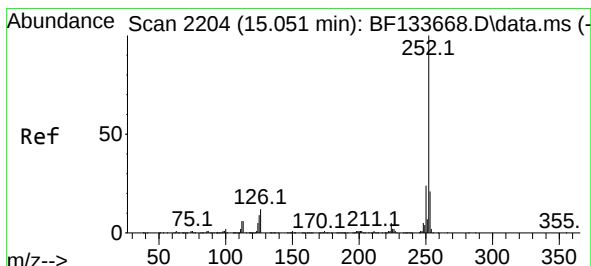
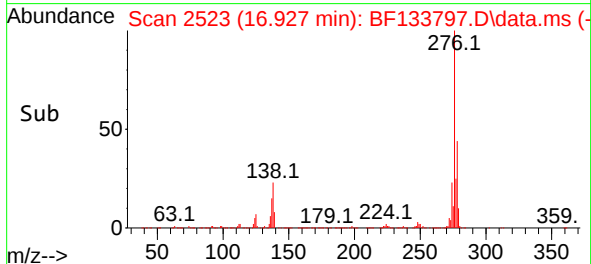
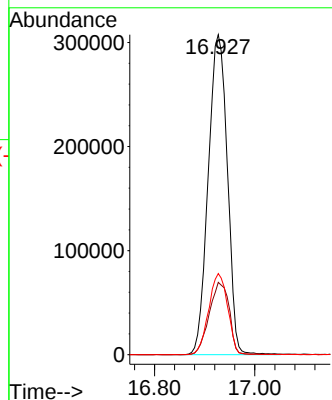
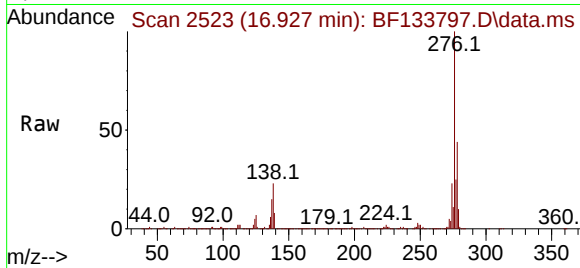




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.637 ng
RT: 16.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

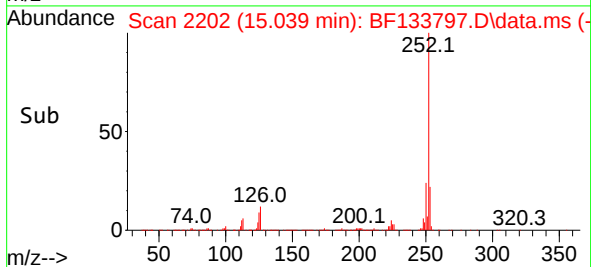
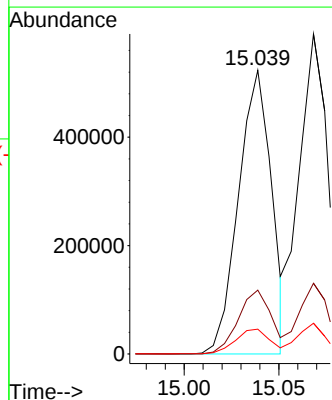
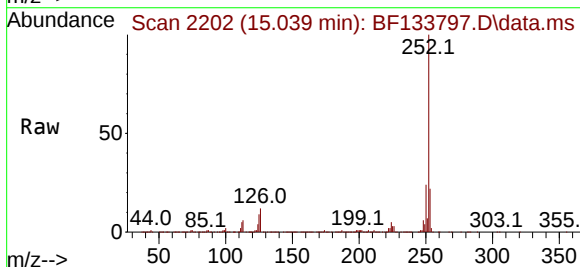
Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

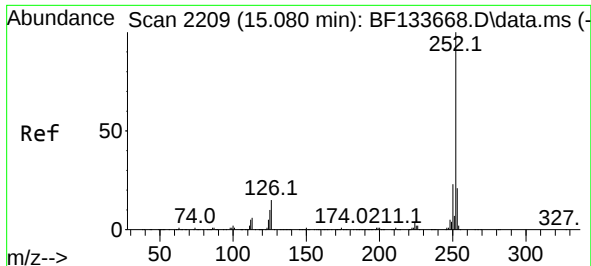
Tgt Ion:276 Resp: 814034
Ion Ratio Lower Upper
276 100
138 23.7 17.9 26.9
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 43.101 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:252 Resp: 636958
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 42.842 ng

RT: 15.068 min Scan# 2209

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

Instrument :

BNA_F

ClientSampleId :

C-ANDREWMSD

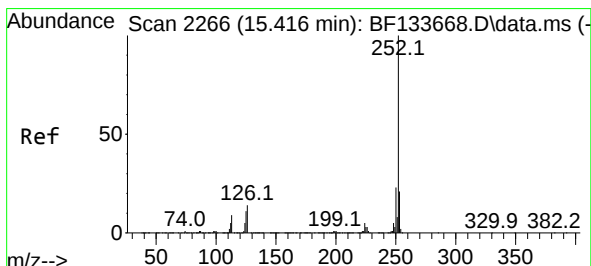
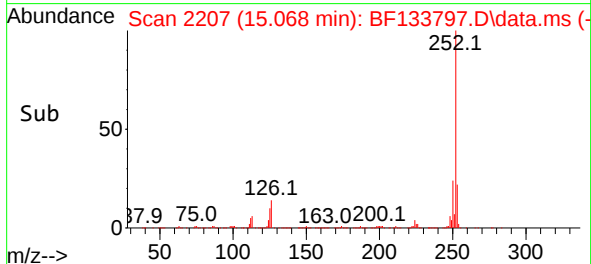
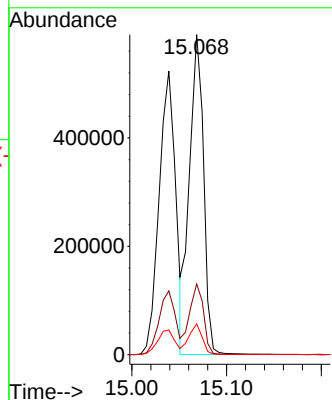
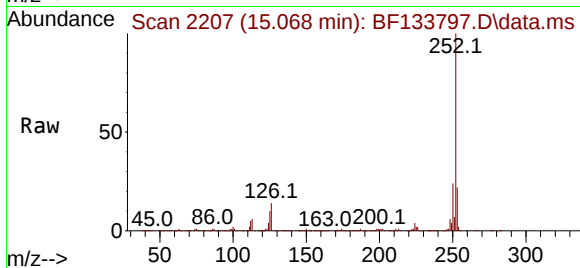
Tgt Ion:252 Resp: 616736

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.6 7.8 11.6



#90

Benzo(a)pyrene

Concen: 42.308 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF133797.D

Acq: 16 Jun 2023 03:11

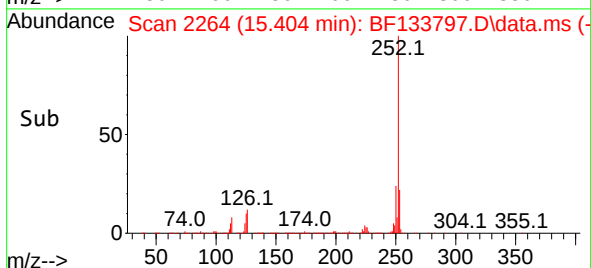
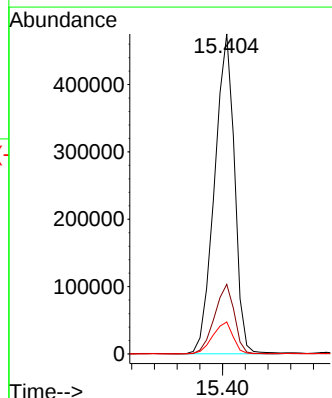
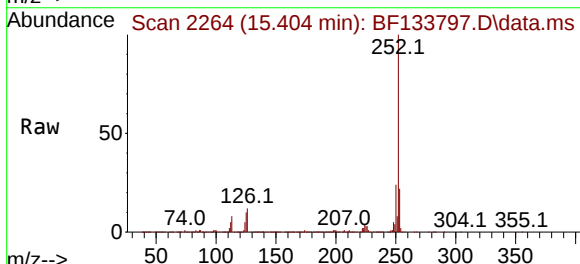
Tgt Ion:252 Resp: 580260

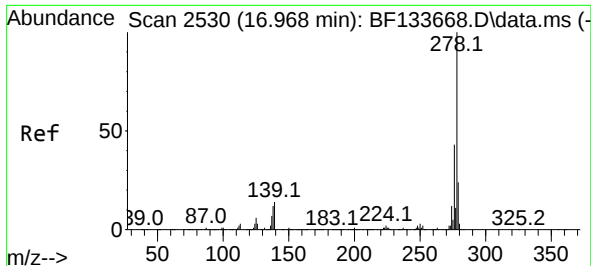
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 10.0 8.6 13.0

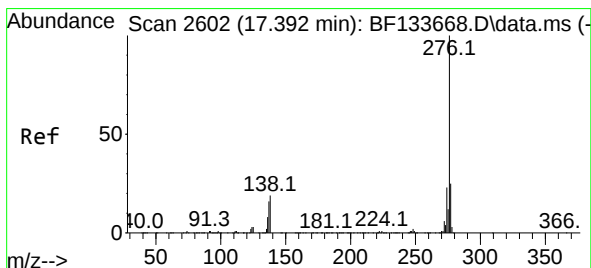
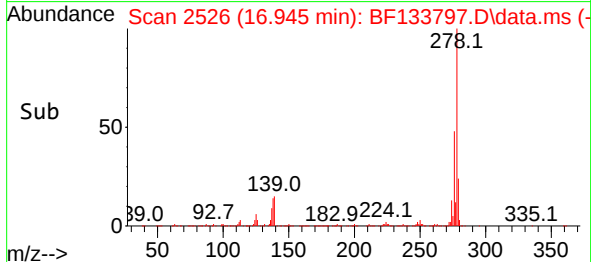
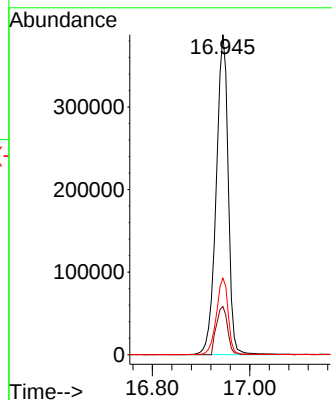
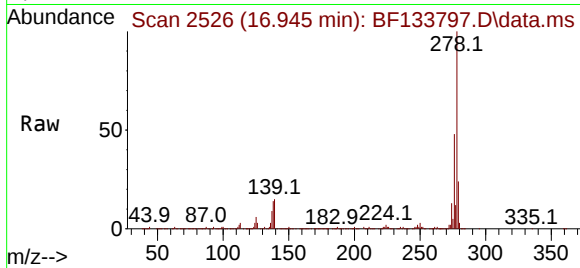




#91
Dibenzo(a,h)anthracene
Concen: 47.774 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

Tgt Ion:278 Resp: 661971
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.2
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 47.261 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.006 min
Lab File: BF133797.D
Acq: 16 Jun 2023 03:11

Tgt Ion:276 Resp: 649282
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.8
138 20.4 15.0 22.4

