

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133076.D
 Acq On : 26 Apr 2023 21:03
 Operator : CG\JU
 Sample : 02427-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31MS

Quant Time: Apr 27 02:01:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	174942	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	718539	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	373765	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	671301	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	371317	20.000	ng	0.00
86) Perylene-d12	15.304	264	385680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1235448	106.680	ng	0.01
7) Phenol-d6	6.381	99	1538585	107.037	ng	0.00
23) Nitrobenzene-d5	7.304	82	876035	65.808	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	409420	108.920	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1440539	64.480	ng	0.00
79) Terphenyl-d14	12.839	244	1525515	70.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	242465	45.138	ng	97
3) Pyridine	3.157	79	606566	42.515	ng	96
4) n-Nitrosodimethylamine	3.116	42	320231	43.334	ng	93
6) Aniline	6.398	93	703970	38.024	ng	# 84
8) 2-Chlorophenol	6.522	128	591337	50.291	ng	95
9) Benzaldehyde	6.281	77	350705	65.259	ng	99
10) Phenol	6.392	94	711540	44.871	ng	76
11) bis(2-Chloroethyl)ether	6.475	93	558613	46.944	ng	97
12) 1,3-Dichlorobenzene	6.675	146	627779	50.217	ng	100
13) 1,4-Dichlorobenzene	6.751	146	626729	50.022	ng	99
14) 1,2-Dichlorobenzene	6.904	146	605940	52.458	ng	97
15) Benzyl Alcohol	6.881	79	486190	48.965	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	919401	44.484	ng	97
17) 2-Methylphenol	6.998	107	485661	45.107	ng	98
18) Hexachloroethane	7.251	117	218970	50.269	ng	98
19) n-Nitroso-di-n-propyla...	7.157	70	383656	42.872	ng	97
20) 3+4-Methylphenols	7.151	107	579134	45.674	ng	97
22) Acetophenone	7.151	105	775903	46.616	ng	98
24) Nitrobenzene	7.322	77	597921	44.325	ng	99
25) Isophorone	7.563	82	1124700	44.499	ng	99
26) 2-Nitrophenol	7.639	139	331436	50.941	ng	93
27) 2,4-Dimethylphenol	7.681	122	535675	48.014	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	680291	45.497	ng	99
29) 2,4-Dichlorophenol	7.881	162	492963	48.538	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	514946	48.941	ng	98
31) Naphthalene	8.045	128	1653681	46.032	ng	99
32) Benzoic acid	7.804	122	278397	40.398	ng	95
33) 4-Chloroaniline	8.092	127	375348	25.859	ng	99
34) Hexachlorobutadiene	8.163	225	277621	47.606	ng	98
35) Caprolactam	8.469	113	117947	34.570	ng	89
36) 4-Chloro-3-methylphenol	8.581	107	536580	48.993	ng	98
37) 2-Methylnaphthalene	8.733	142	1099639	44.772	ng	98
38) 1-Methylnaphthalene	8.833	142	1034600	45.029	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	454904	45.266	ng	100
41) Hexachlorocyclopentadiene	8.892	237	502214	85.689	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	330978	47.623	ng	99

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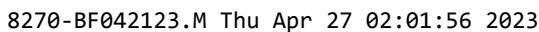
Instrument :
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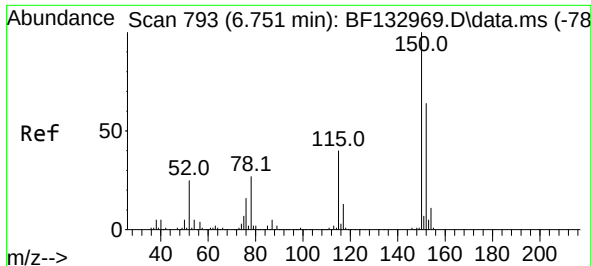
Quant Time: Apr 27 02:01:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	355171	44.188	ng	99
46) 1,1'-Biphenyl	9.198	154	1353240	45.659	ng	99
47) 2-Chloronaphthalene	9.222	162	1031363	47.544	ng	98
48) 2-Nitroaniline	9.316	65	329758	45.995	ng	96
49) Acenaphthylene	9.633	152	1588941	45.841	ng	100
50) Dimethylphthalate	9.504	163	1193237	45.785	ng	99
51) 2,6-Dinitrotoluene	9.563	165	283413	48.316	ng	# 81
52) Acenaphthene	9.810	154	1036887	44.665	ng	99
53) 3-Nitroaniline	9.728	138	255535	36.638	ng	97
54) 2,4-Dinitrophenol	9.833	184	307700	104.359	ng	99
55) Dibenzofuran	9.980	168	1439006	45.441	ng	98
56) 4-Nitrophenol	9.898	139	513724	95.099	ng	95
57) 2,4-Dinitrotoluene	9.963	165	382669	51.155	ng	93
58) Fluorene	10.322	166	1061286	45.743	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	303115	48.643	ng	97
60) Diethylphthalate	10.204	149	1133375	46.040	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	508393	44.966	ng	98
62) 4-Nitroaniline	10.345	138	325032	50.704	ng	96
63) Azobenzene	10.475	77	1169983	44.865	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	216754	53.271	ng	81
66) n-Nitrosodiphenylamine	10.439	169	980253	45.017	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	332397	45.655	ng	99
68) Hexachlorobenzene	10.869	284	364749	48.891	ng	98
69) Atrazine	10.963	200	336241	53.589	ng	98
70) Pentachlorophenol	11.063	266	424570	79.908	ng	98
71) Phenanthrene	11.280	178	1651208	45.765	ng	100
72) Anthracene	11.333	178	1678096	45.447	ng	100
73) Carbazole	11.486	167	1543231	46.937	ng	99
74) Di-n-butylphthalate	11.822	149	1792579	48.178	ng	99
75) Fluoranthene	12.469	202	1651308	45.603	ng	96
77) Benzidine	12.586	184	520700	82.925	ng	# 93
78) Pyrene	12.692	202	1693344	53.199	ng	100
80) Butylbenzylphthalate	13.316	149	698450	61.972	ng	95
81) Benzo(a)anthracene	13.880	228	1208024	47.310	ng	100
82) 3,3'-Dichlorobenzidine	13.845	252	356673	50.564	ng	99
83) Chrysene	13.916	228	1163130	45.563	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	783238	55.367	ng	100
85) Di-n-octyl phthalate	14.492	149	1265560	54.866	ng	97
87) Indeno(1,2,3-cd)pyrene	16.686	276	1396326	63.648	ng	100
88) Benzo(b)fluoranthene	14.904	252	1125074	45.853	ng	98
89) Benzo(k)fluoranthene	14.933	252	1071550	44.056	ng	99
90) Benzo(a)pyrene	15.251	252	1004220	44.965	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1159369	63.362	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1125400	62.299	ng	97

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

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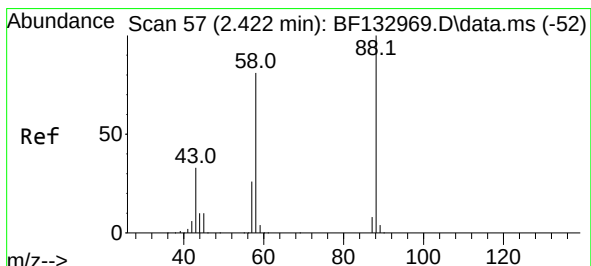
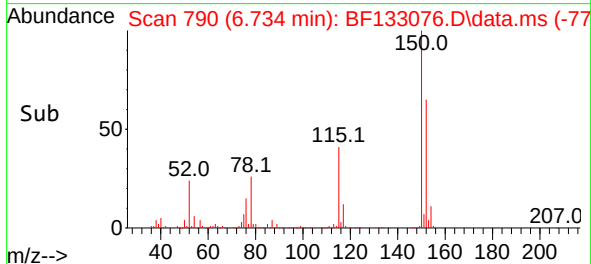
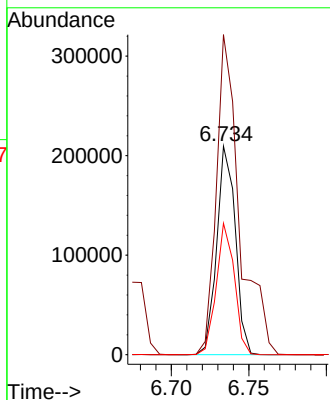
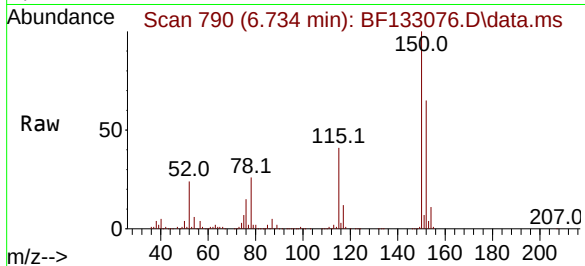




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF133076.D
 Acq: 26 Apr 2023 21:03

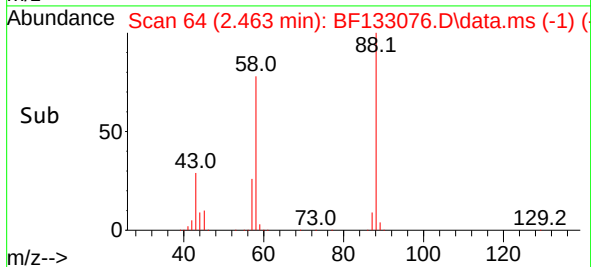
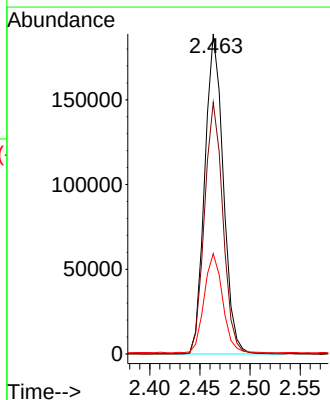
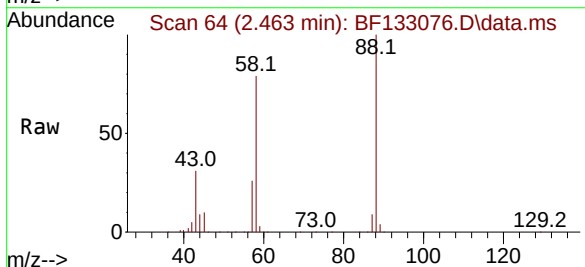
Instrument :
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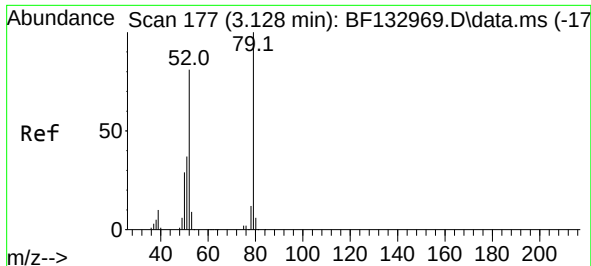
Tgt Ion:152 Resp: 174942
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.8 187.2
 115 63.0 49.9 74.9



#2
 1,4-Dioxane
 Concen: 45.138 ng
 RT: 2.463 min Scan# 64
 Delta R.T. 0.077 min
 Lab File: BF133076.D
 Acq: 26 Apr 2023 21:03

Tgt Ion: 88 Resp: 242465
 Ion Ratio Lower Upper
 88 100
 58 78.1 64.7 97.1
 43 31.2 26.2 39.2





#3

Pyridine

Concen: 42.515 ng

RT: 3.157 min Scan# 11

Delta R.T. 0.077 min

Lab File: BF133076.D

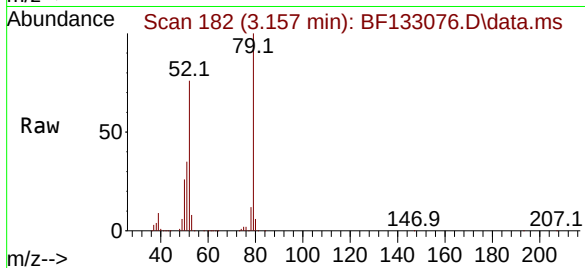
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Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS



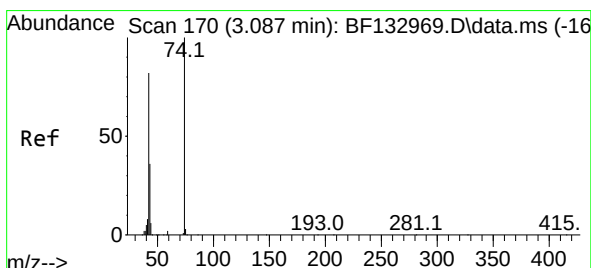
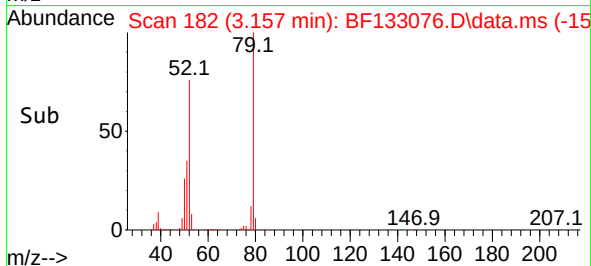
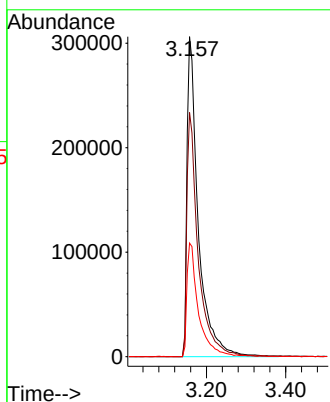
Tgt Ion: 79 Resp: 606566

Ion Ratio Lower Upper

79 100

52 76.3 64.6 96.8

51 35.5 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 43.334 ng

RT: 3.116 min Scan# 175

Delta R.T. 0.077 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

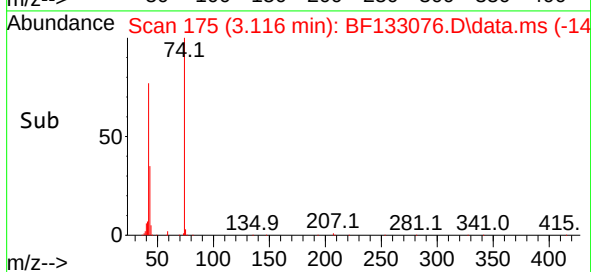
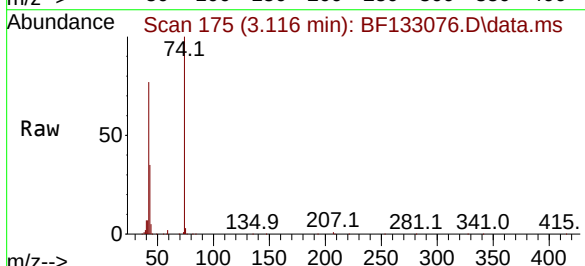
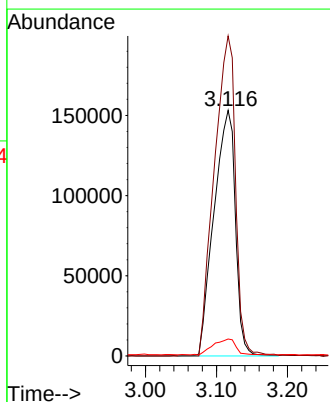
Tgt Ion: 42 Resp: 320231

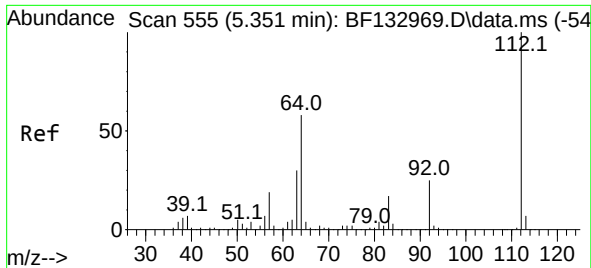
Ion Ratio Lower Upper

42 100

74 130.3 98.0 147.0

44 6.9 5.8 8.8

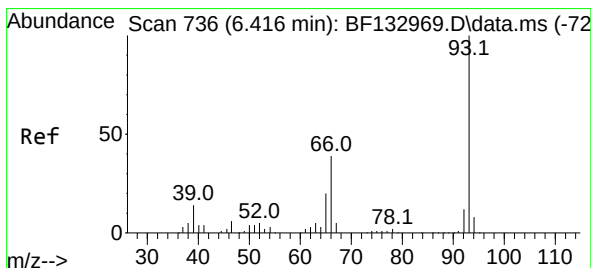
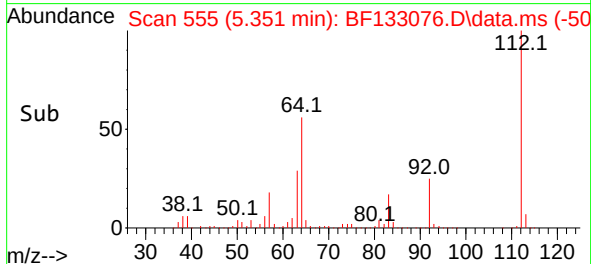
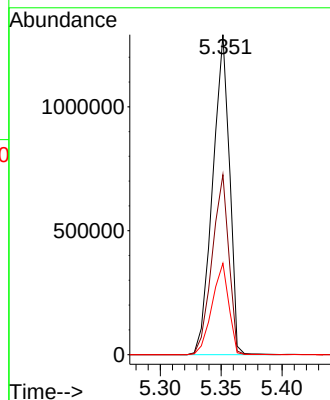
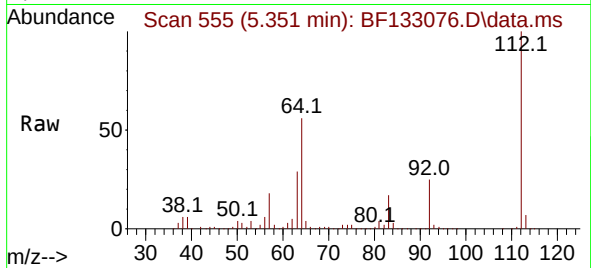




#5
2-Fluorophenol
Concen: 106.680 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

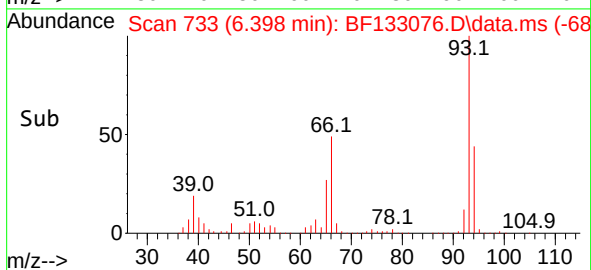
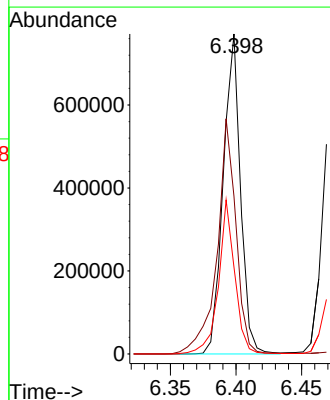
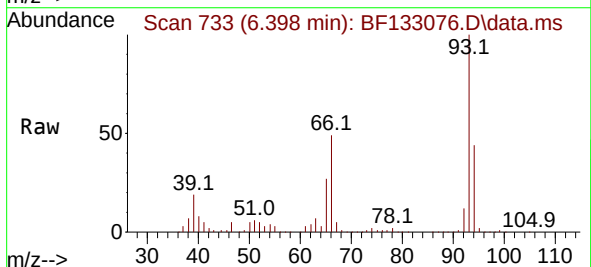
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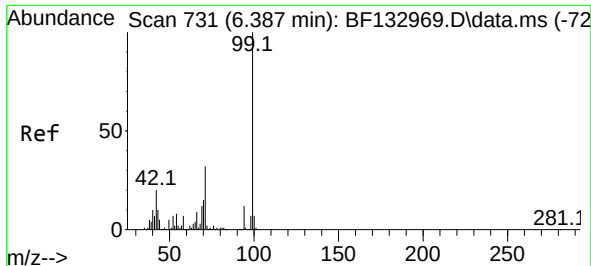
Tgt Ion:112 Resp: 1235448
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 28.5 23.8 35.8



#6
Aniline
Concen: 38.024 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion: 93 Resp: 703970
Ion Ratio Lower Upper
93 100
66 49.3 31.5 47.3#
65 27.1 16.4 24.6#





#7

Phenol-d6

Concen: 107.037 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

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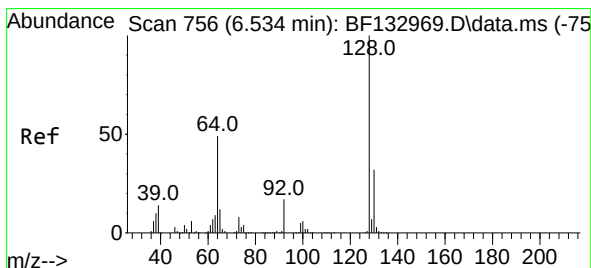
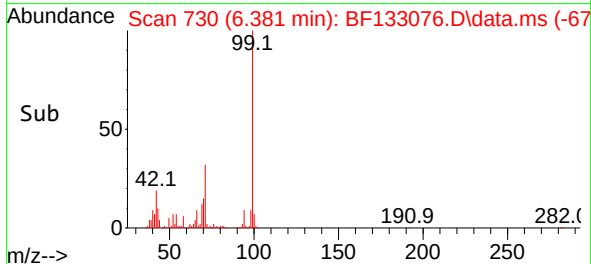
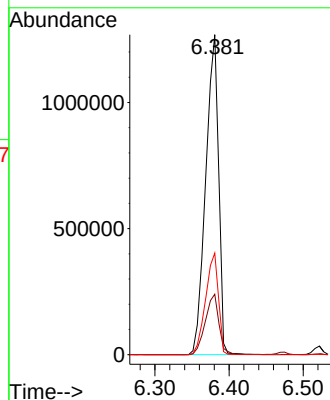
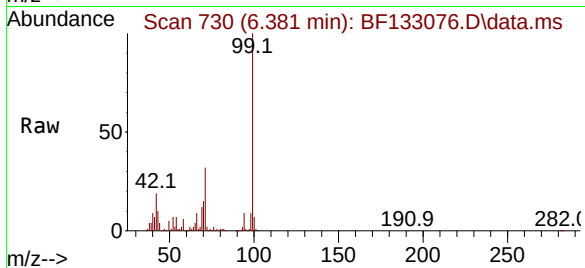
Tgt Ion: 99 Resp: 1538585

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

71 31.7 25.6 38.4



#8

2-Chlorophenol

Concen: 50.291 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

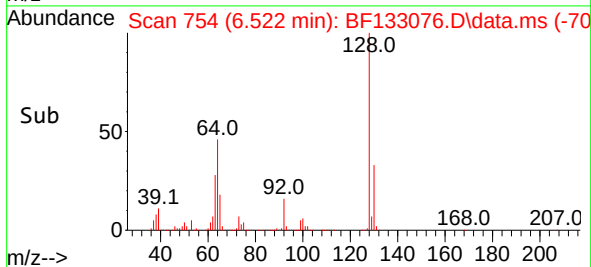
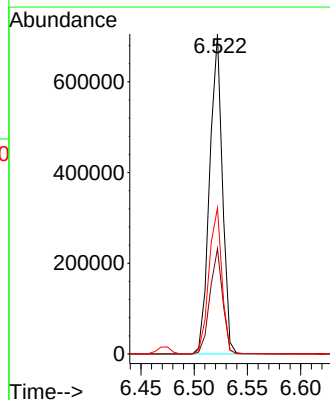
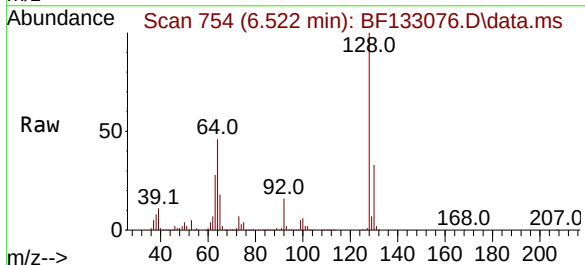
Tgt Ion:128 Resp: 591337

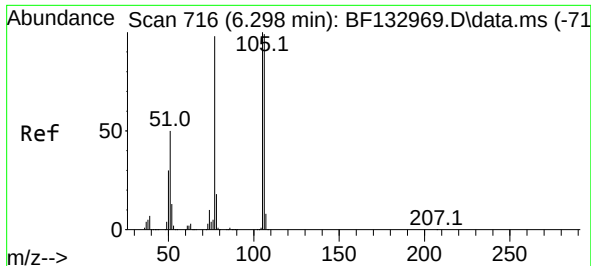
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 45.6 30.3 70.3





#9

Benzaldehyde

Concen: 65.259 ng

RT: 6.281 min Scan# 716

Delta R.T. 0.000 min

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ClientSampleId :

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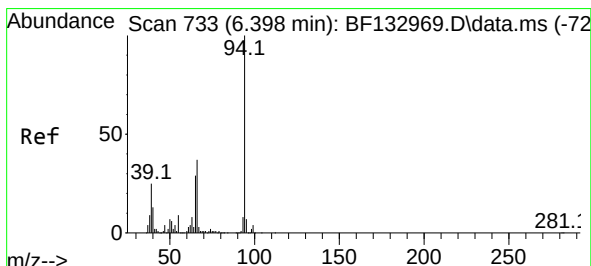
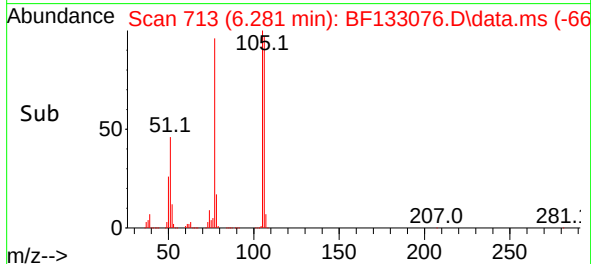
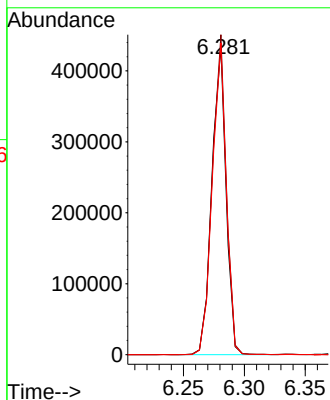
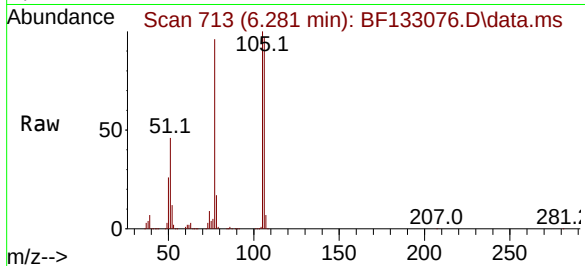
Tgt Ion: 77 Resp: 350705

Ion Ratio Lower Upper

77 100

105 104.1 82.3 122.3

106 101.4 80.8 120.8



#10

Phenol

Concen: 44.871 ng

RT: 6.392 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

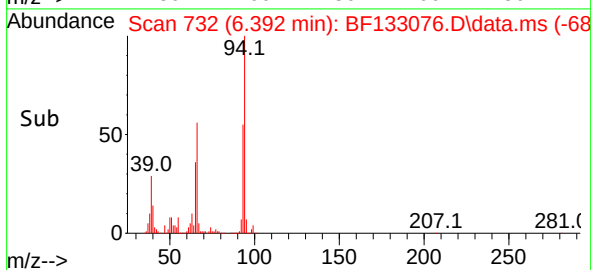
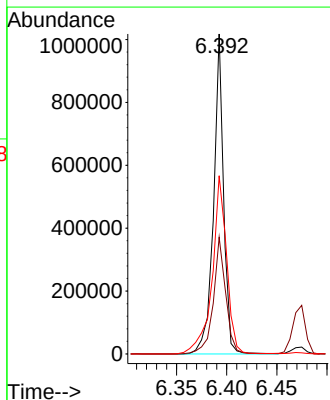
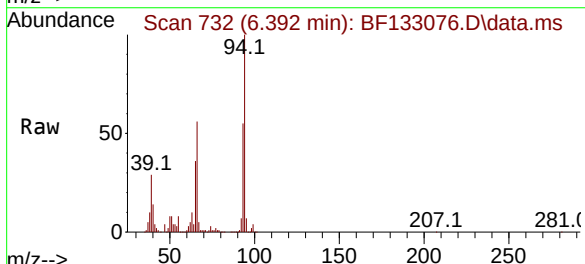
Tgt Ion: 94 Resp: 711540

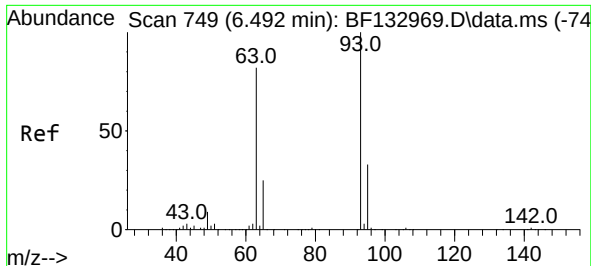
Ion Ratio Lower Upper

94 100

65 36.5 8.6 48.6

66 55.7 17.3 57.3

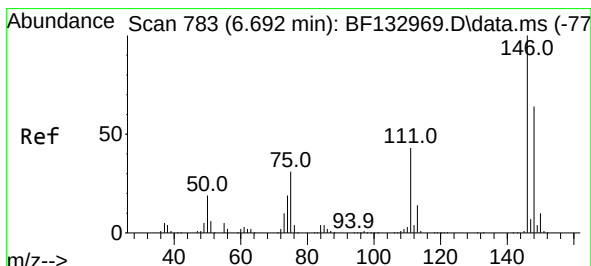
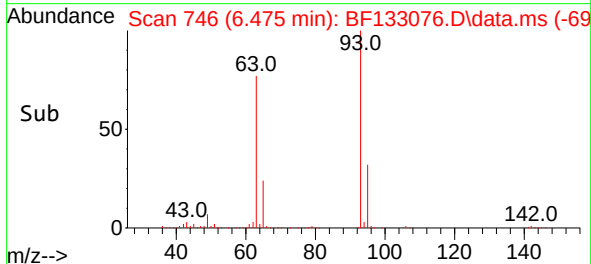
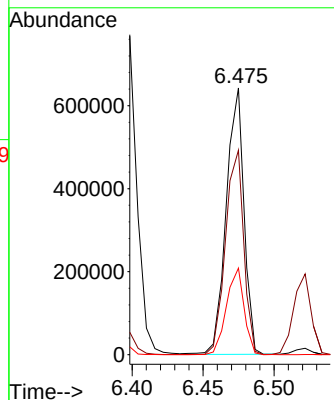
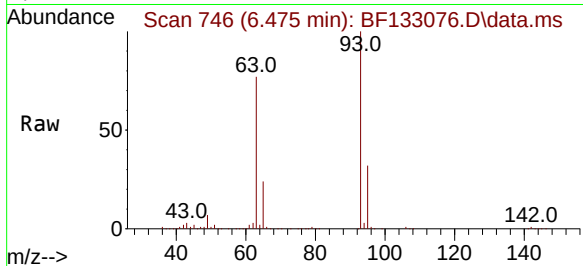




#11
bis(2-Chloroethyl)ether
Concen: 46.944 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

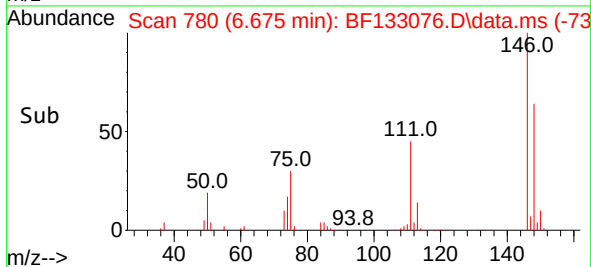
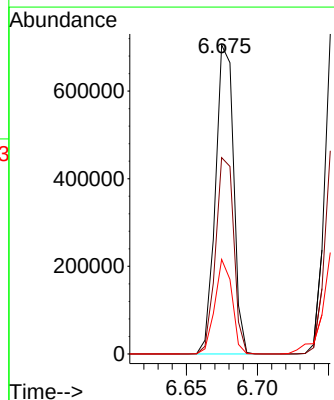
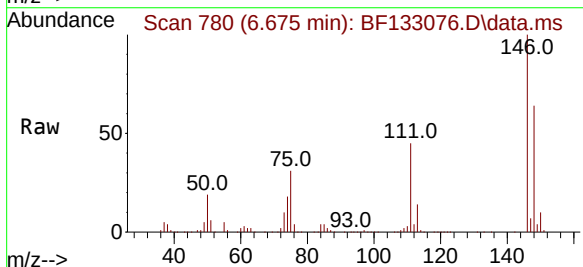
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

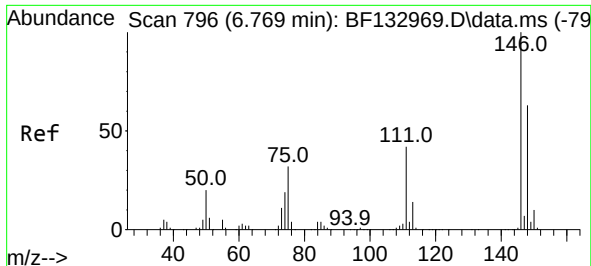
Tgt Ion: 93 Resp: 558613
Ion Ratio Lower Upper
93 100
63 76.7 60.6 100.6
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 50.217 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:146 Resp: 627779
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 30.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 50.022 ng

RT: 6.751 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

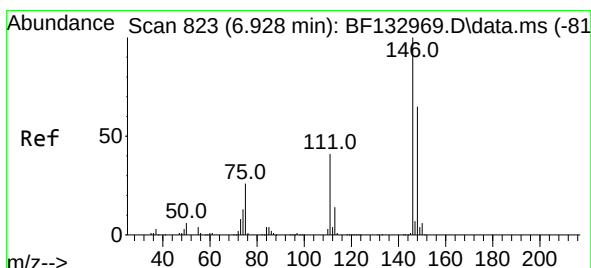
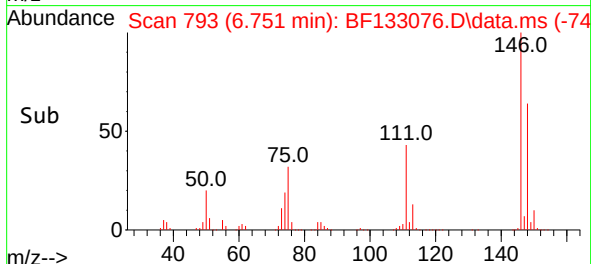
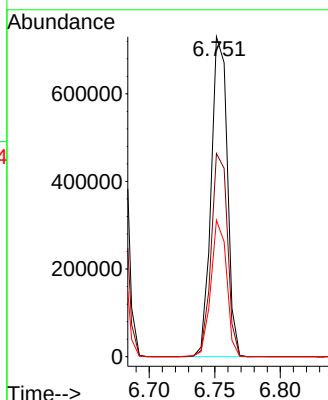
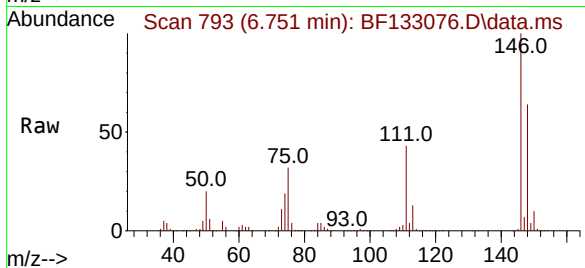
Tgt Ion:146 Resp: 626729

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

111 42.7 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 52.458 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

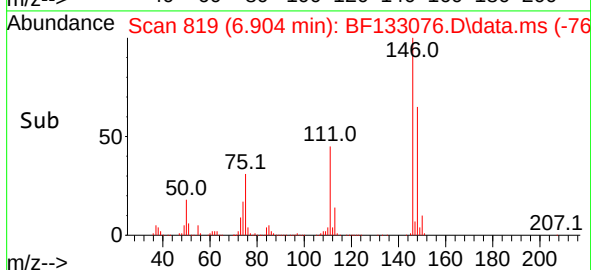
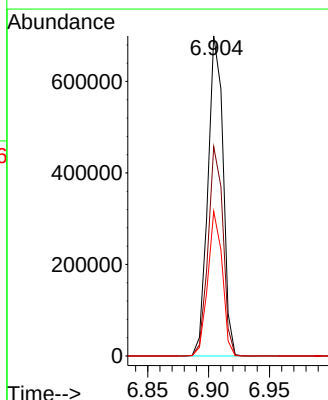
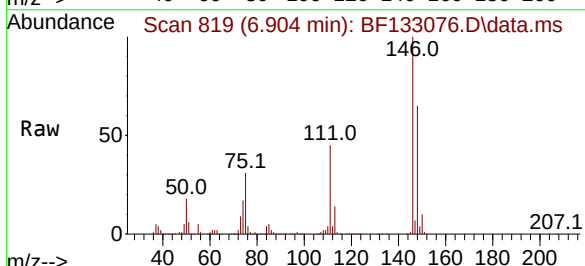
Tgt Ion:146 Resp: 605940

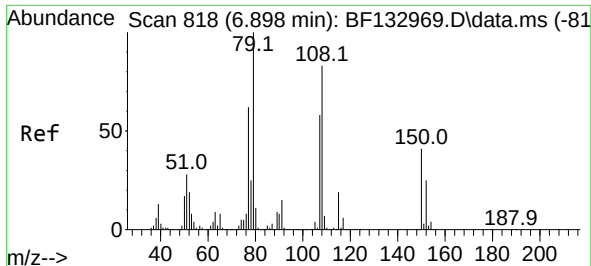
Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

111 45.2 32.8 49.2

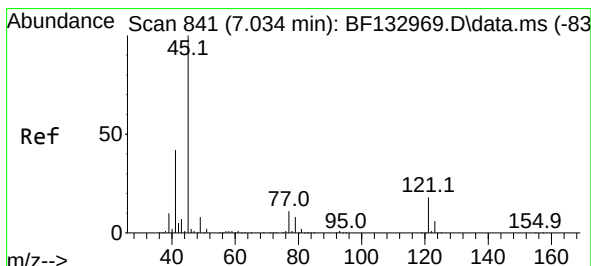
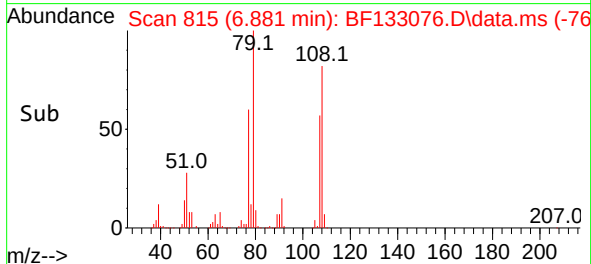
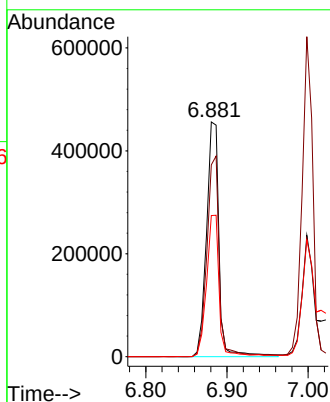
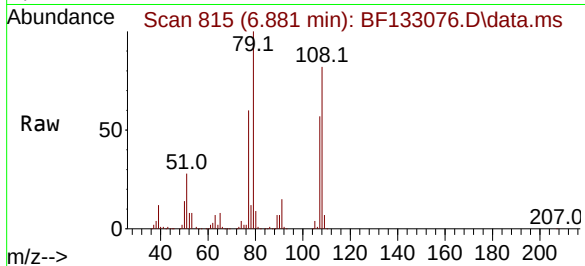




#15
Benzyl Alcohol
Concen: 48.965 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

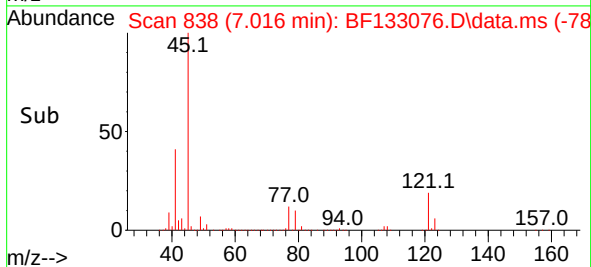
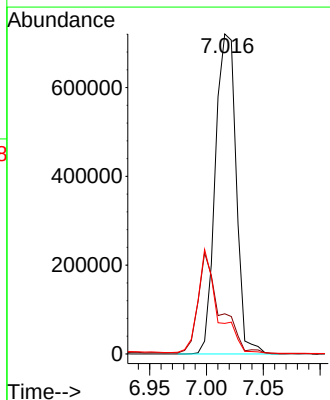
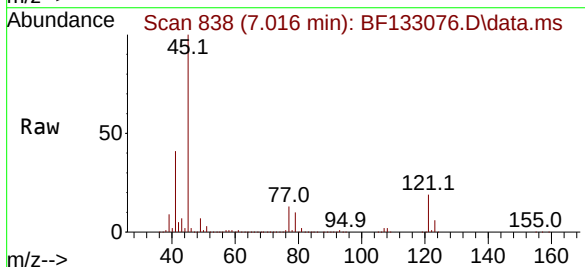
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

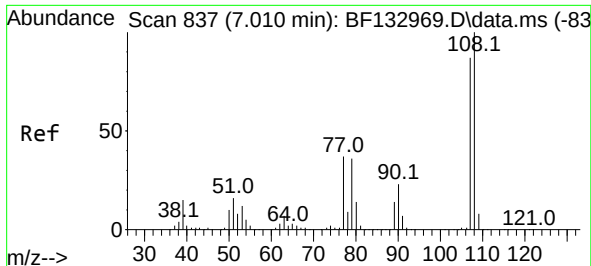
Tgt Ion: 79 Resp: 486190
Ion Ratio Lower Upper
79 100
108 81.8 66.6 99.8
77 60.1 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.484 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion: 45 Resp: 919401
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.6 0.0 28.7

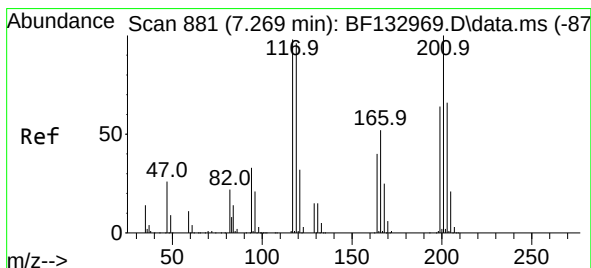
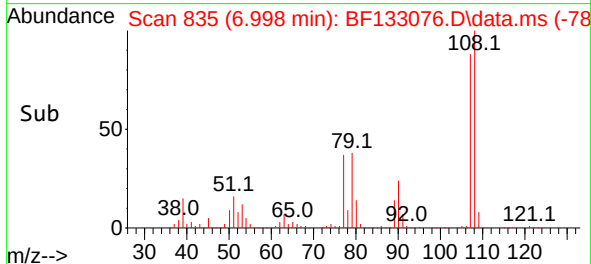
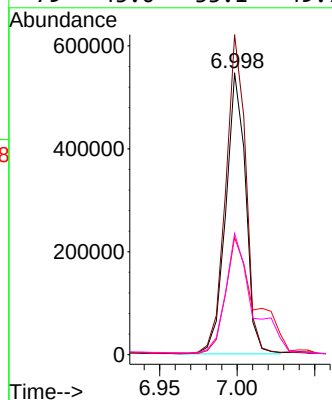
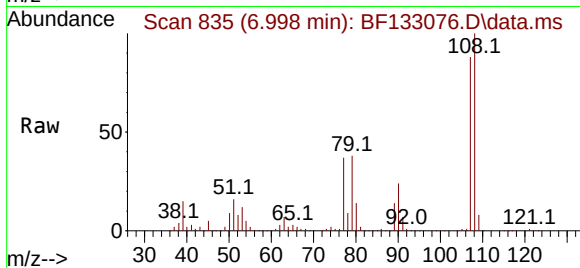




#17
2-Methylphenol
Concen: 45.107 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

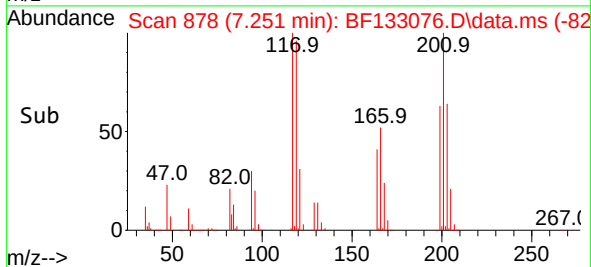
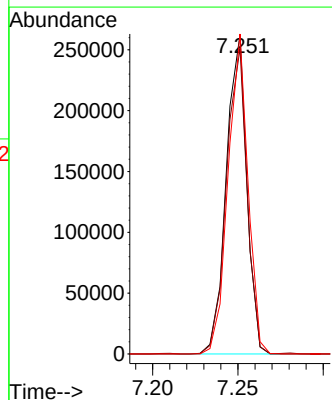
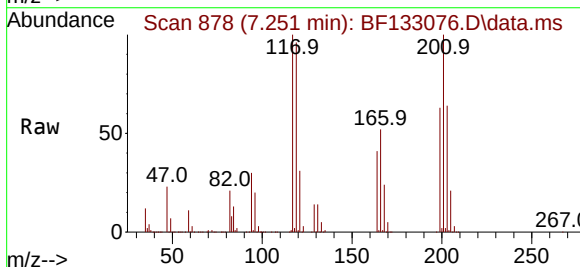
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

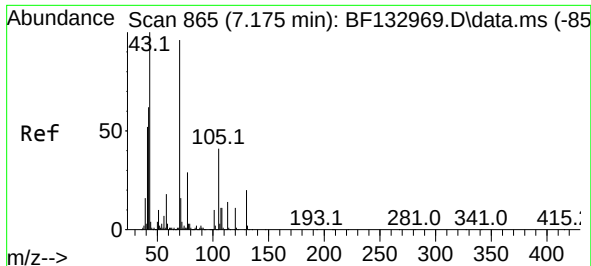
Tgt Ion:107 Resp: 485661
Ion Ratio Lower Upper
107 100
108 113.5 92.4 138.6
77 41.6 33.8 50.8
79 43.0 33.1 49.7



#18
Hexachloroethane
Concen: 50.269 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:117 Resp: 218970
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4
201 100.1 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 42.872 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133076.D

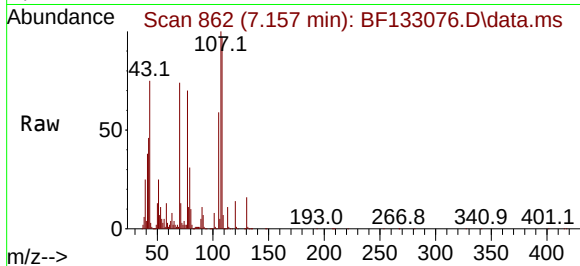
Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS



Tgt Ion: 70 Resp: 383656

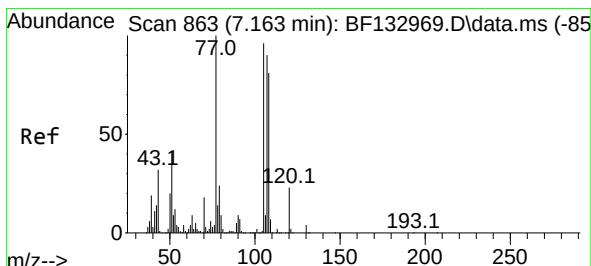
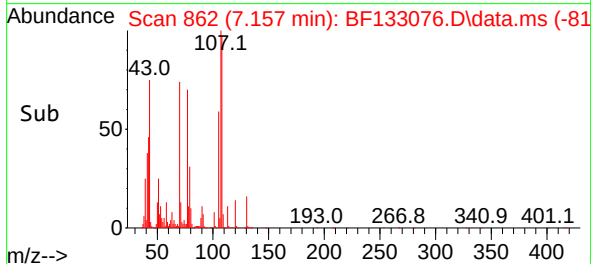
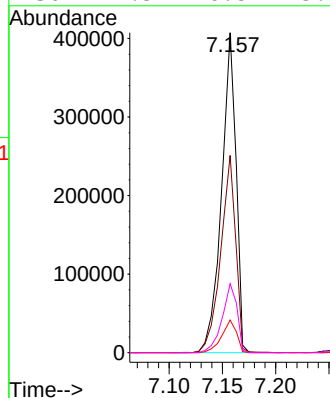
Ion Ratio Lower Upper

70 100

42 61.6 51.8 77.6

101 10.2 8.0 12.0

130 21.5 16.8 25.2



#20

3+4-Methylphenols

Concen: 45.674 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Tgt Ion: 107 Resp: 579134

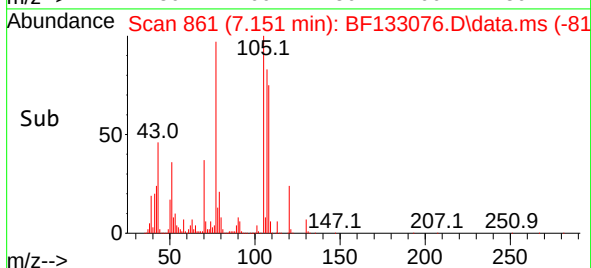
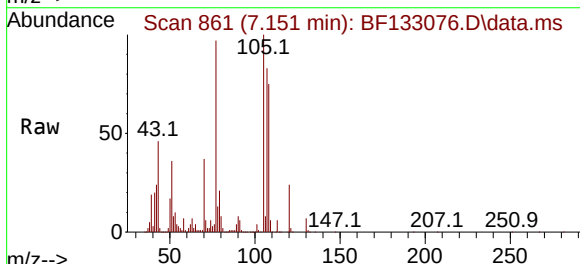
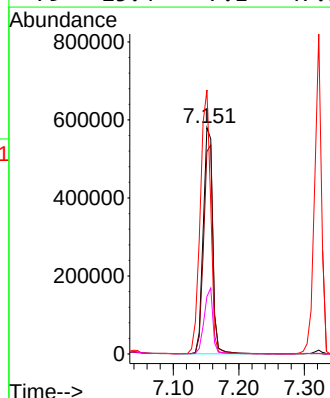
Ion Ratio Lower Upper

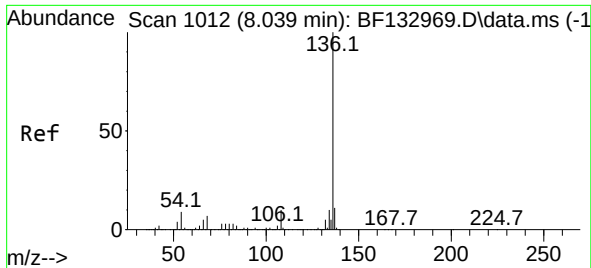
107 100

108 89.4 70.5 110.5

77 116.7 91.7 131.7

79 25.4 7.1 47.1

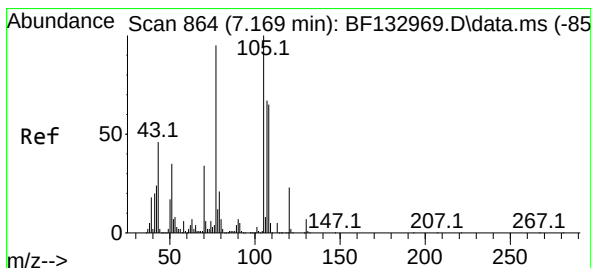
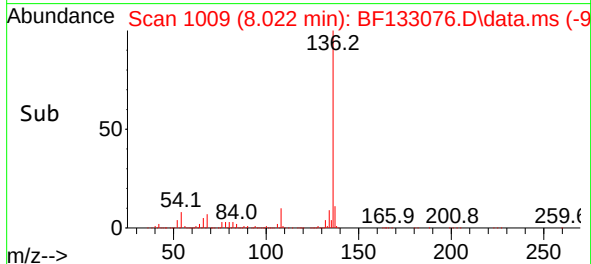
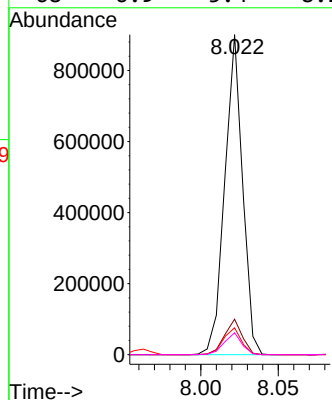
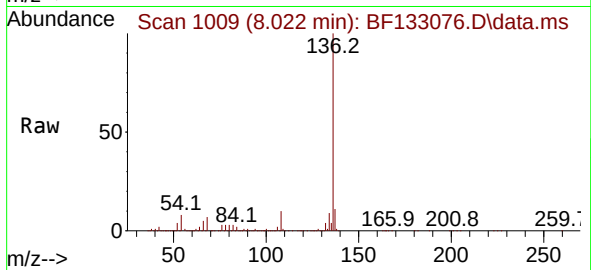




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

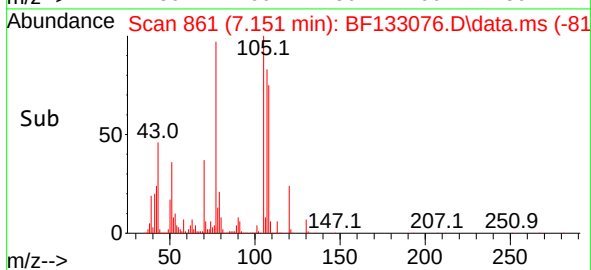
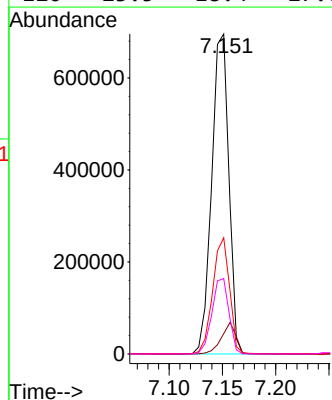
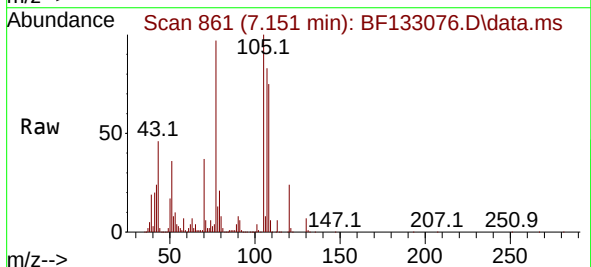
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

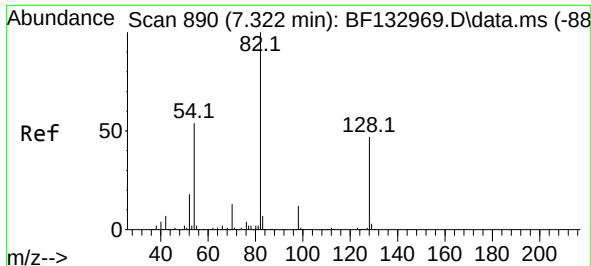
Tgt Ion:136	Resp: 718539
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.4	7.0 10.4
68 6.9	5.4 8.2



#22
Acetophenone
Concen: 46.616 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt	Ion:105	Resp:	775903
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.6	7.0
51	36.3	28.2	42.2
120	23.5	18.4	27.6





#23

Nitrobenzene-d5

Concen: 65.808 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

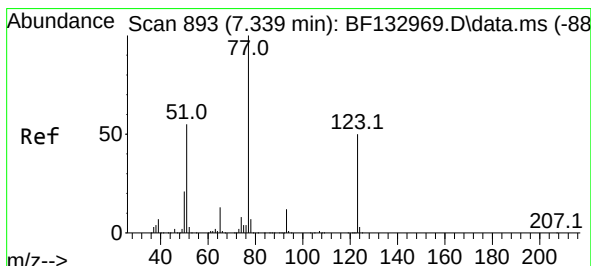
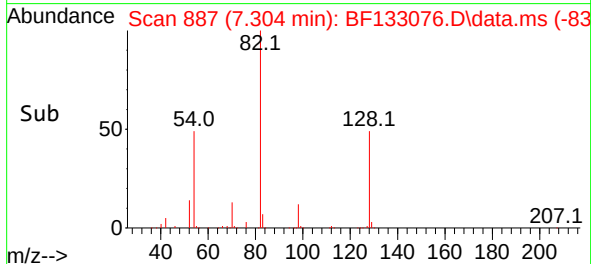
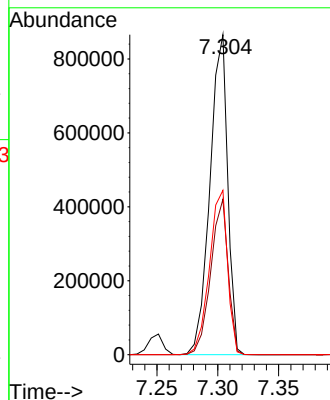
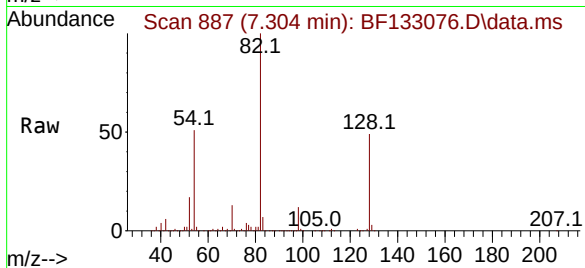
Tgt Ion: 82 Resp: 876035

Ion Ratio Lower Upper

82 100

128 48.6 37.7 56.5

54 51.3 43.0 64.4



#24

Nitrobenzene

Concen: 44.325 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

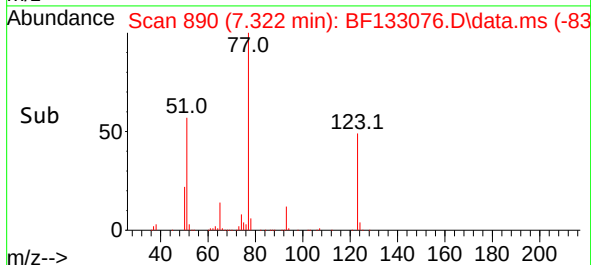
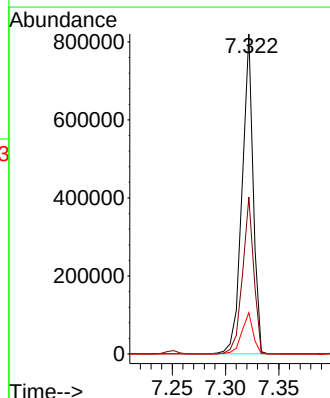
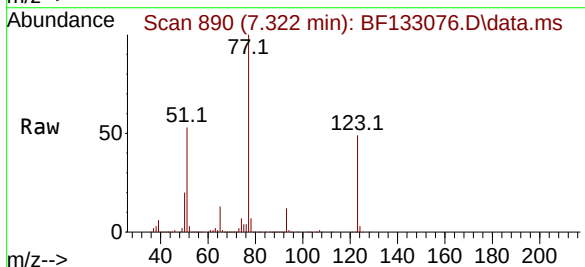
Tgt Ion: 77 Resp: 597921

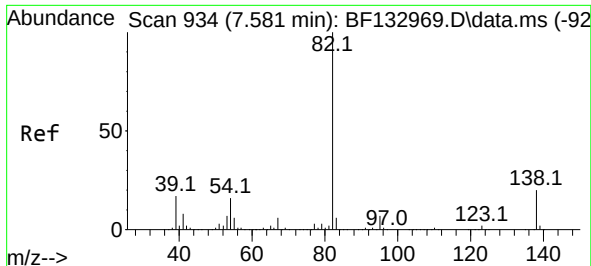
Ion Ratio Lower Upper

77 100

123 49.0 39.9 59.9

65 12.9 10.7 16.1

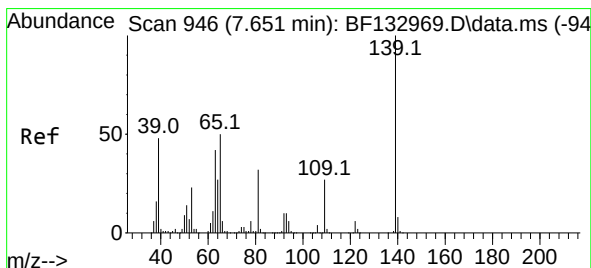
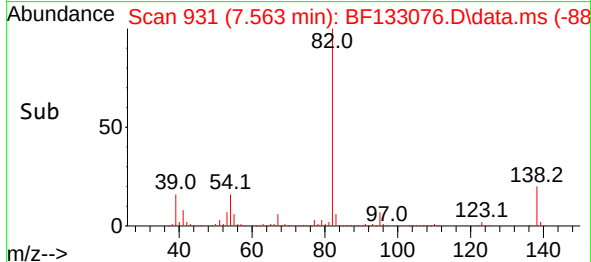
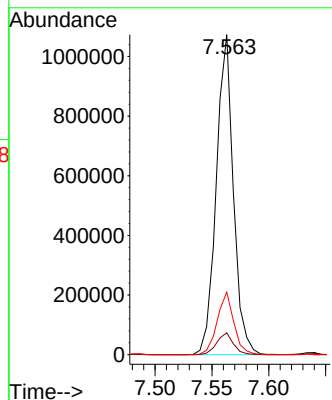
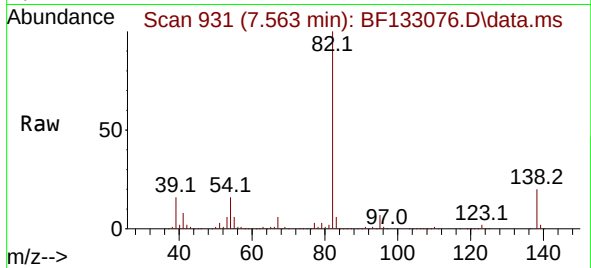




#25
Isophorone
Concen: 44.499 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

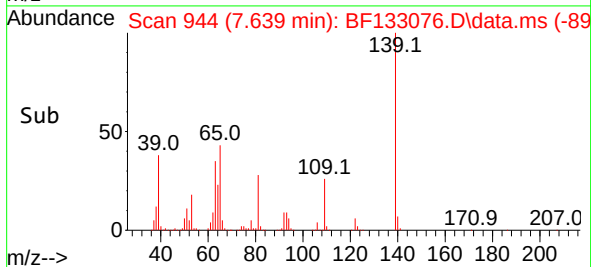
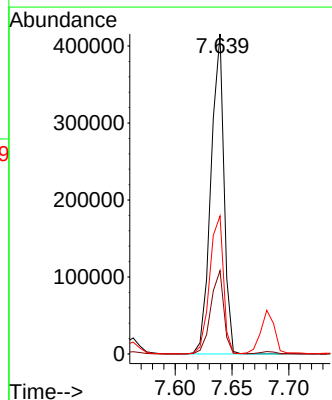
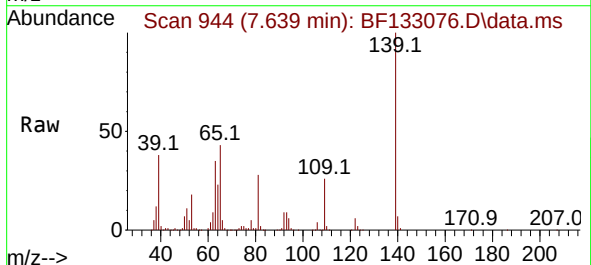
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

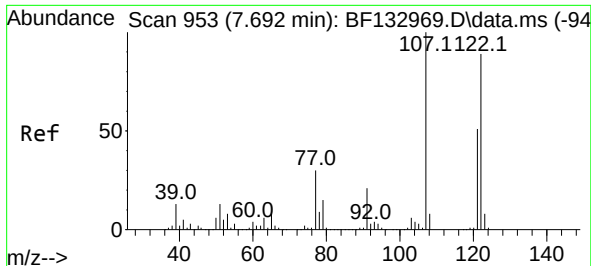
Tgt Ion: 82 Resp: 1124700
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.6 16.0 24.0



#26
2-Nitrophenol
Concen: 50.941 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:139 Resp: 331436
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 43.1 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.014 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

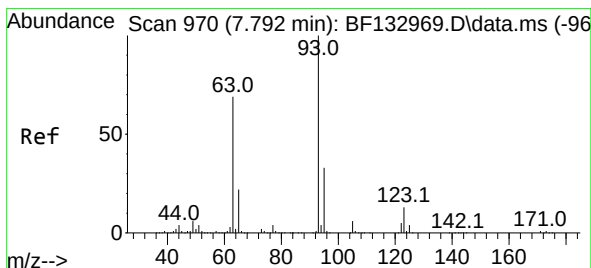
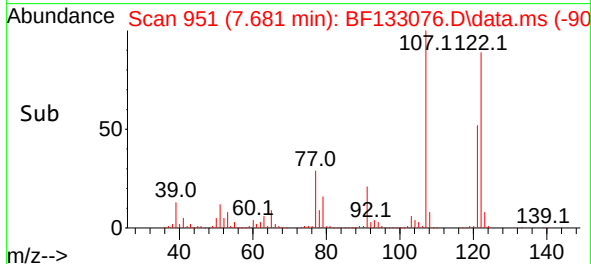
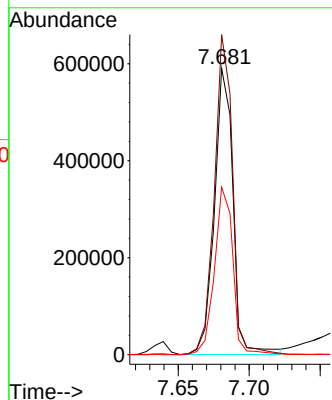
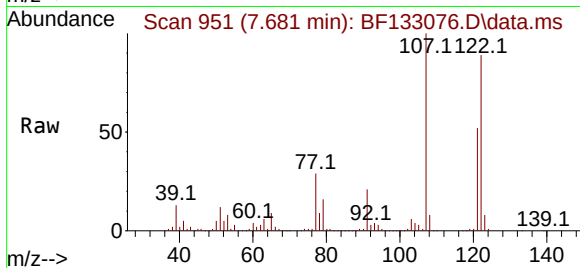
Tgt Ion:122 Resp: 535675

Ion Ratio Lower Upper

122 100

107 111.8 89.7 134.5

121 58.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.497 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

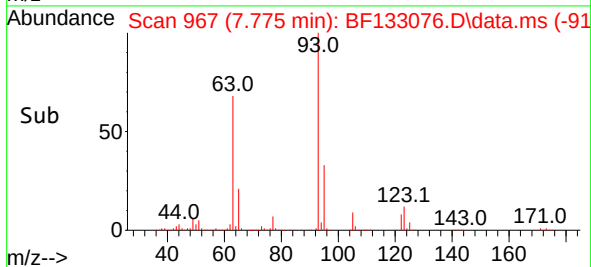
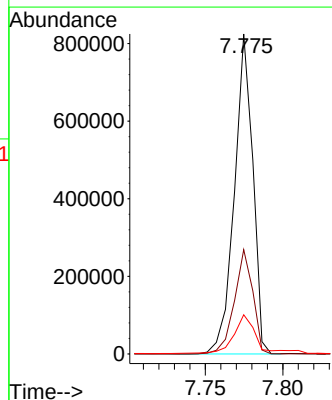
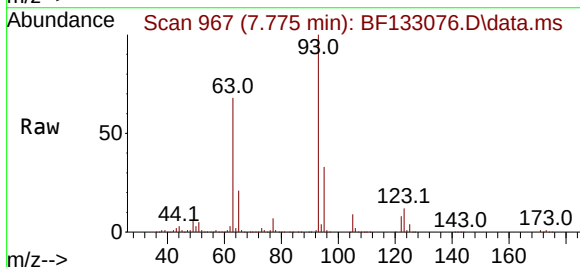
Tgt Ion: 93 Resp: 680291

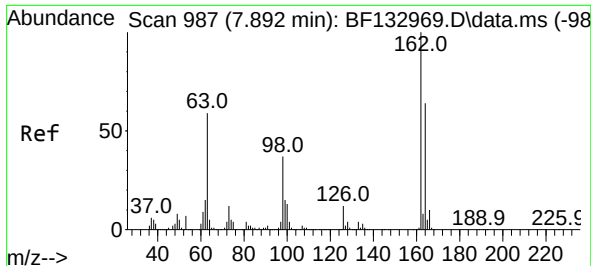
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.538 ng

RT: 7.881 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

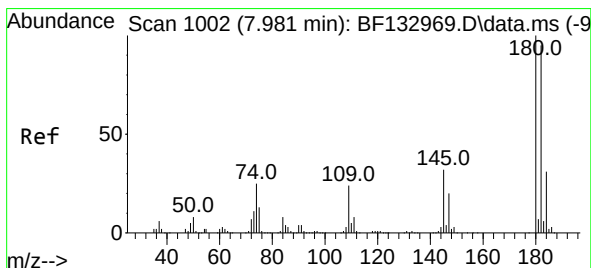
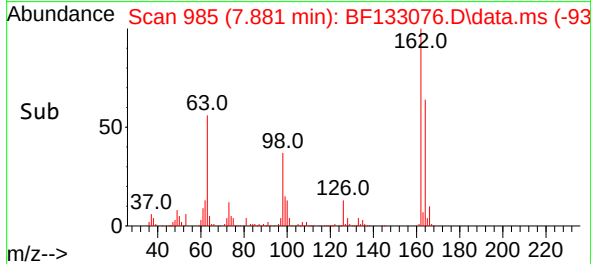
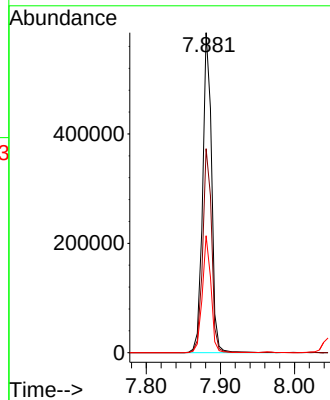
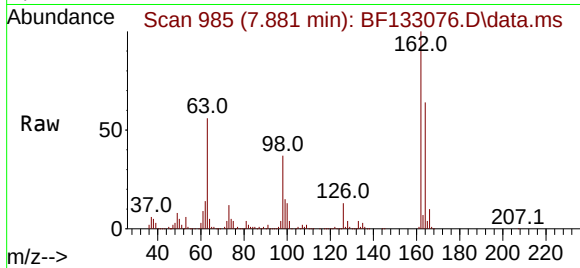
Tgt Ion:162 Resp: 492963

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

98 36.6 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 48.941 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

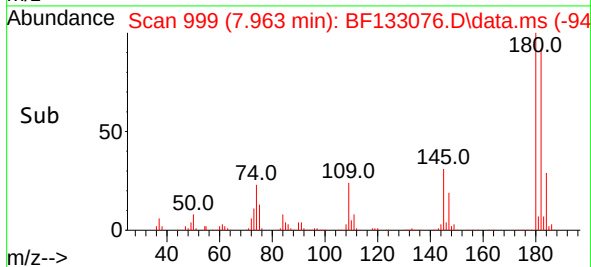
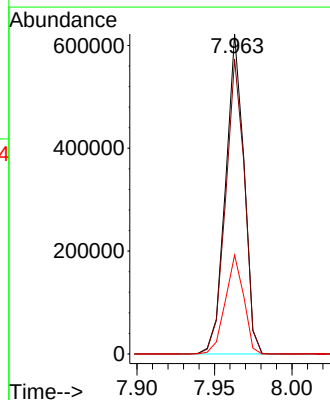
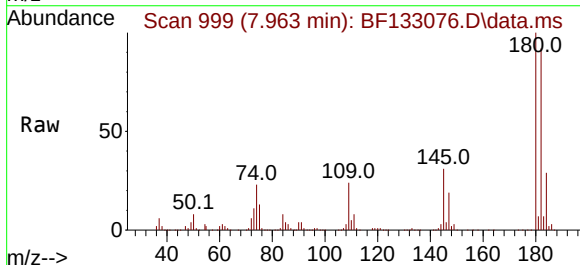
Tgt Ion:180 Resp: 514946

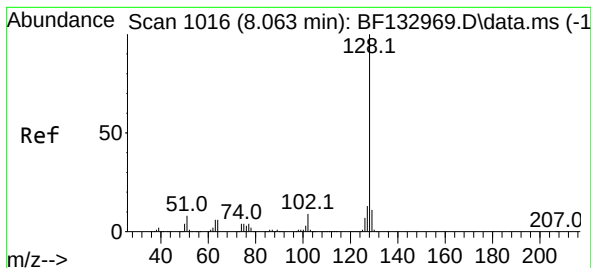
Ion Ratio Lower Upper

180 100

182 92.2 75.9 113.9

145 30.9 25.3 37.9





#31

Naphthalene

Concen: 46.032 ng

RT: 8.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

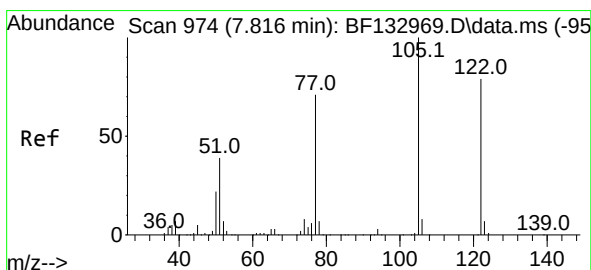
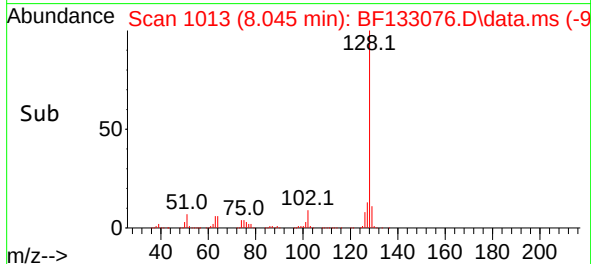
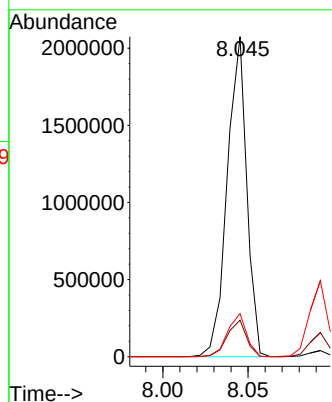
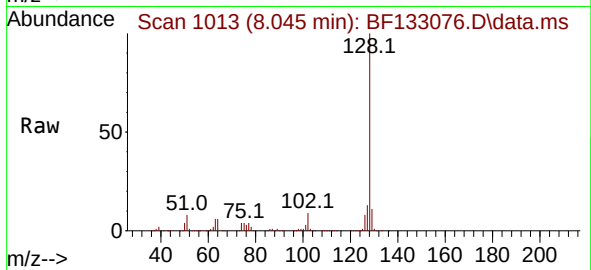
Tgt Ion:128 Resp: 1653681

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 40.398 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

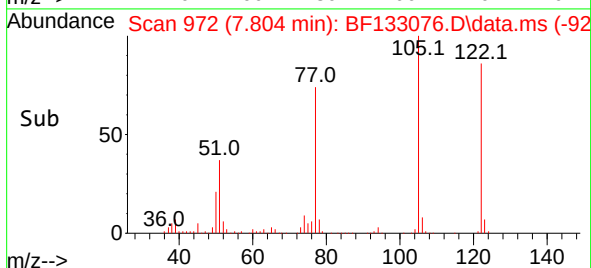
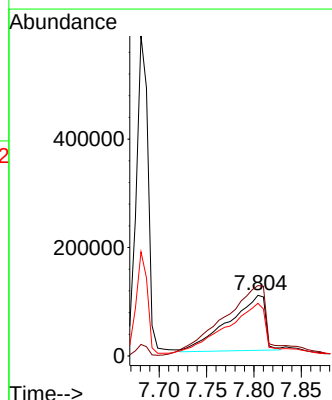
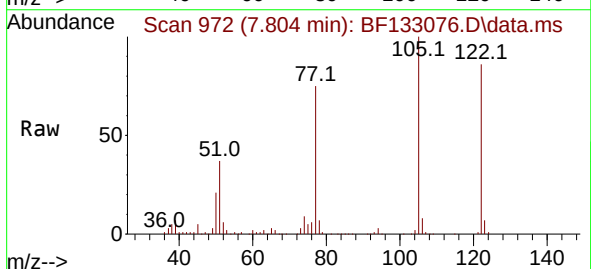
Tgt Ion:122 Resp: 278397

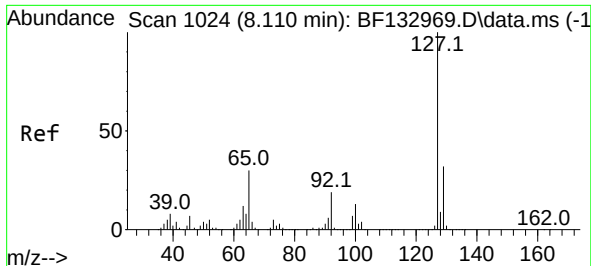
Ion Ratio Lower Upper

122 100

105 116.1 104.2 144.2

77 86.7 69.7 109.7

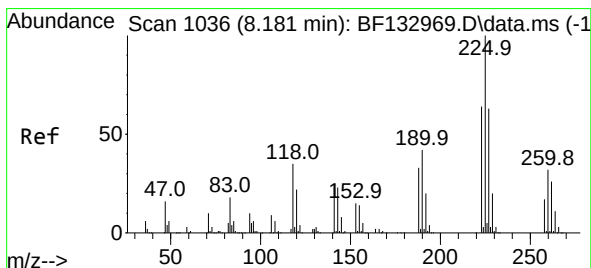
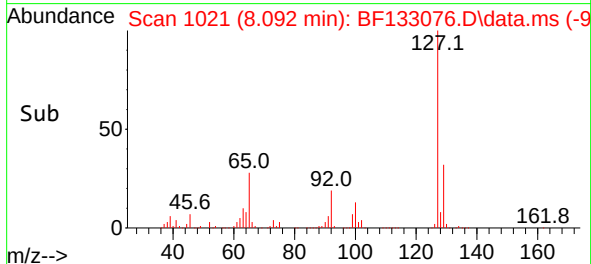
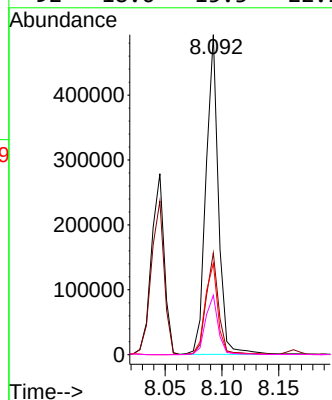
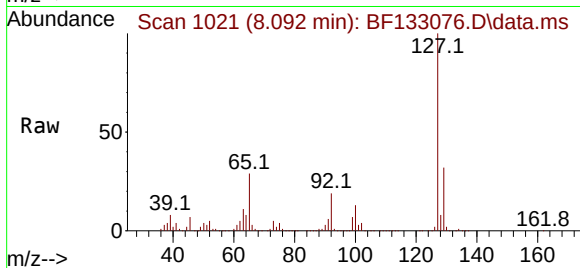




#33
4-Chloroaniline
Concen: 25.859 ng
RT: 8.092 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

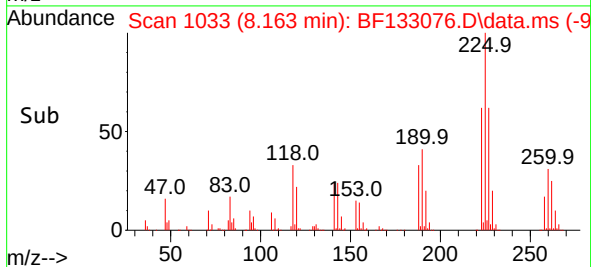
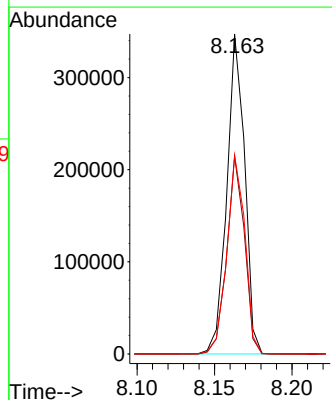
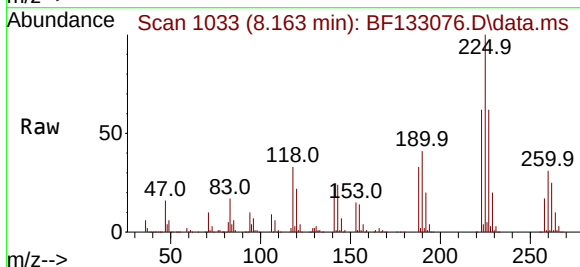
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

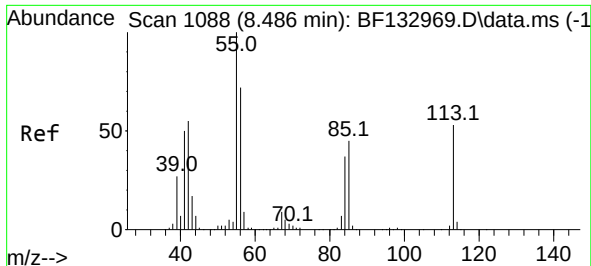
Tgt Ion:	127	Resp:	375348
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	28.6	23.6	35.4
92	18.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 47.606 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:	225	Resp:	277621
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.9	76.3
227	62.1	50.3	75.5

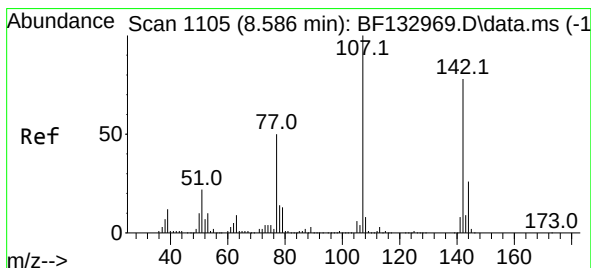
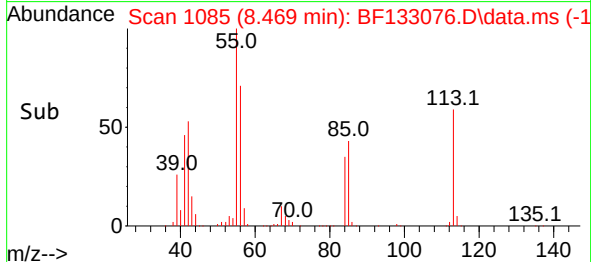
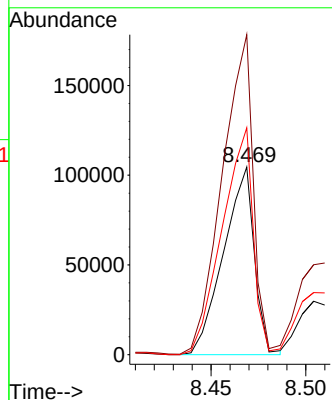
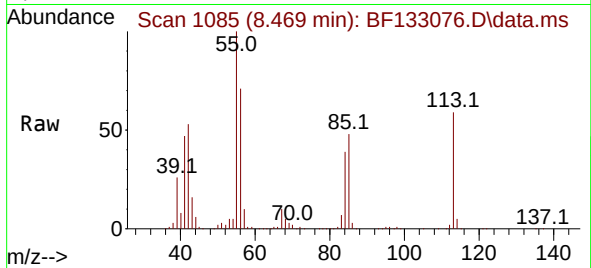




#35
 Caprolactam
 Concen: 34.570 ng
 RT: 8.469 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF133076.D
 Acq: 26 Apr 2023 21:03

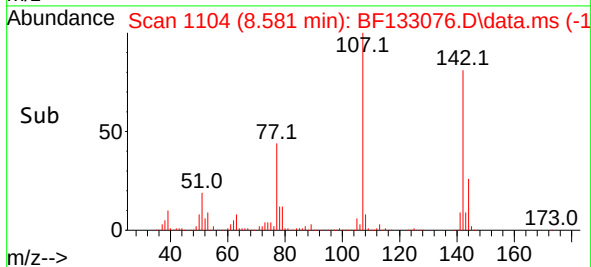
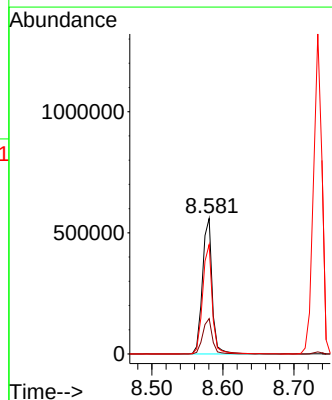
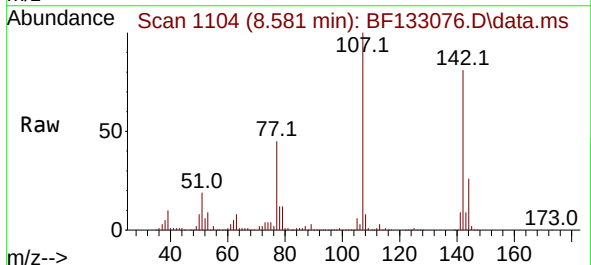
Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31MS

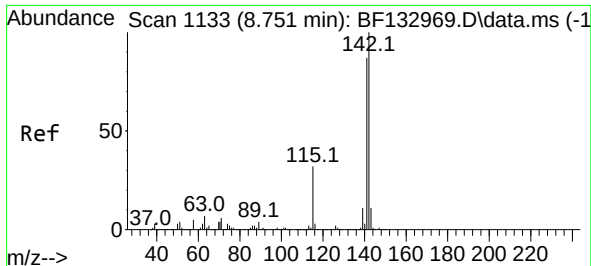
Tgt Ion:113 Resp: 117947
 Ion Ratio Lower Upper
 113 100
 55 170.4 167.1 207.1
 56 120.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.993 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133076.D
 Acq: 26 Apr 2023 21:03

Tgt Ion:107 Resp: 536580
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 30.8
 142 80.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.772 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

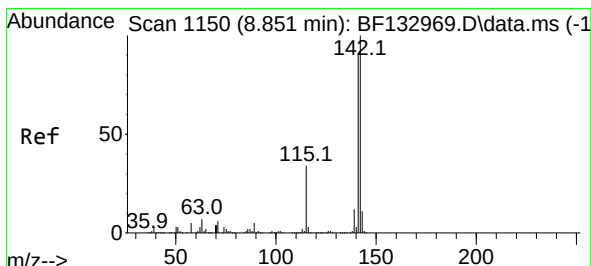
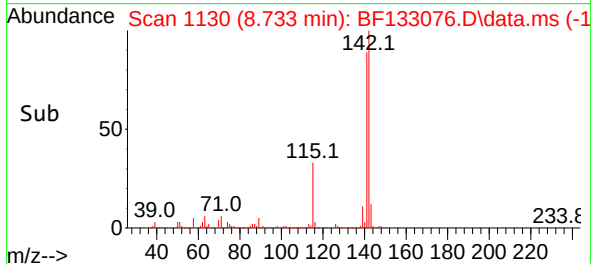
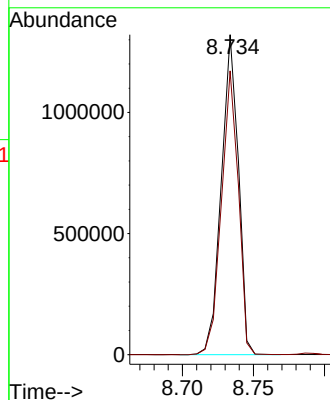
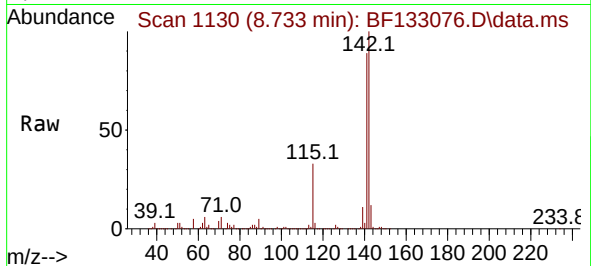
20230353-COMP-31MS

Tgt Ion:142 Resp: 1099639

Ion Ratio Lower Upper

142 100

141 88.7 69.4 104.0



#38

1-Methylnaphthalene

Concen: 45.029 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133076.D

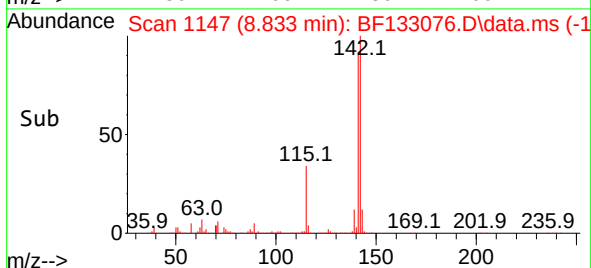
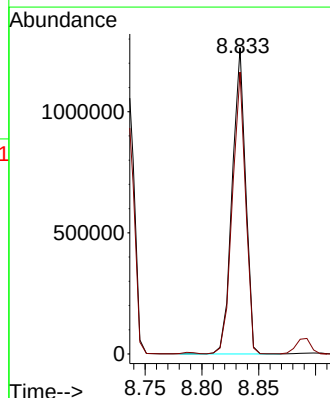
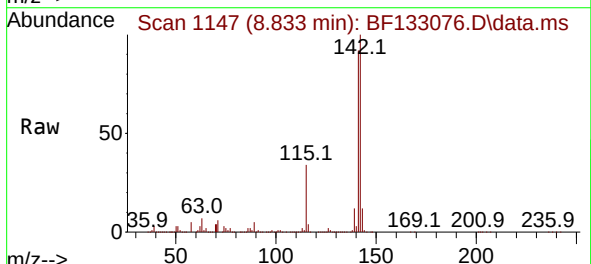
Acq: 26 Apr 2023 21:03

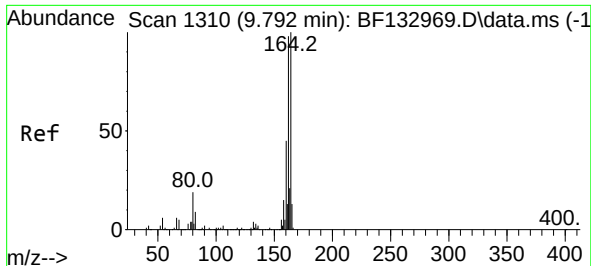
Tgt Ion:142 Resp: 1034600

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

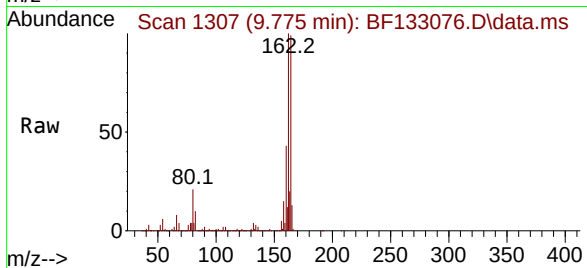
Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS



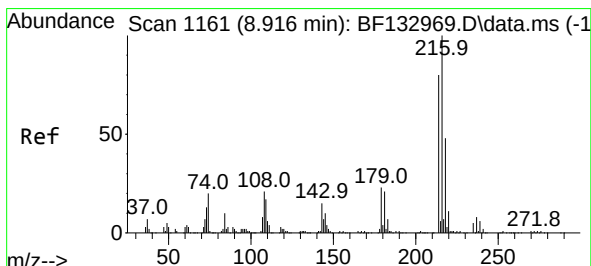
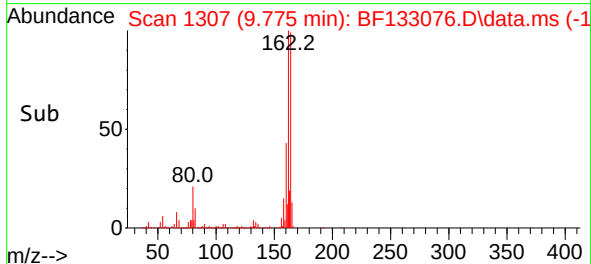
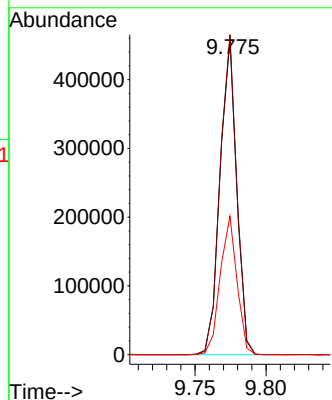
Tgt Ion:164 Resp: 373765

Ion Ratio Lower Upper

164 100

162 101.3 78.7 118.1

160 43.9 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.266 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Tgt Ion:216 Resp: 454904

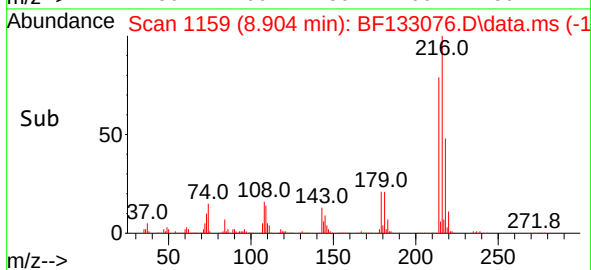
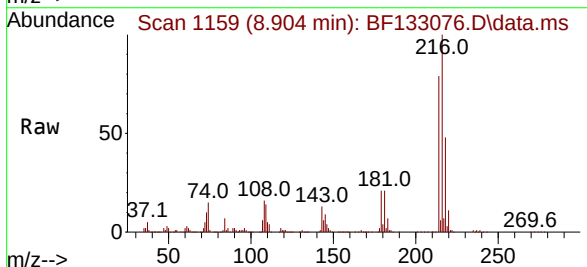
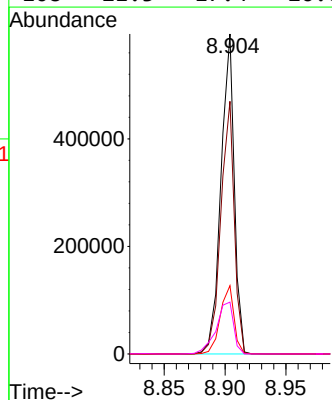
Ion Ratio Lower Upper

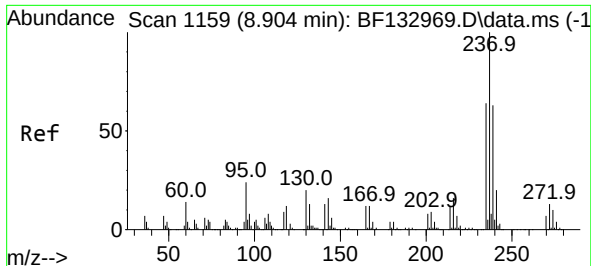
216 100

214 79.7 63.5 95.3

179 22.0 17.4 26.2

108 21.3 17.4 26.0

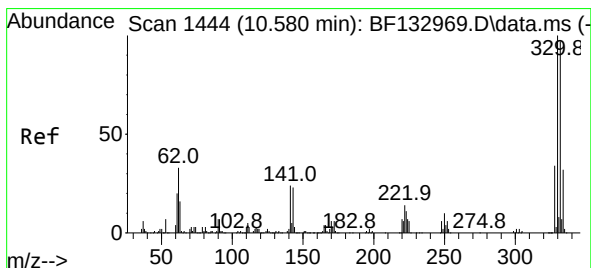
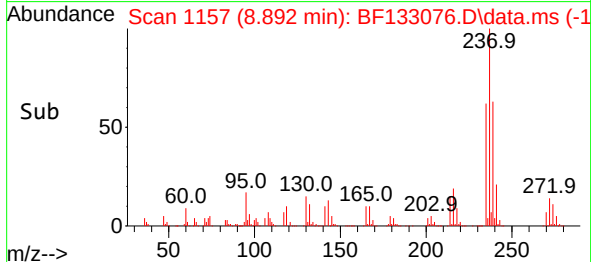
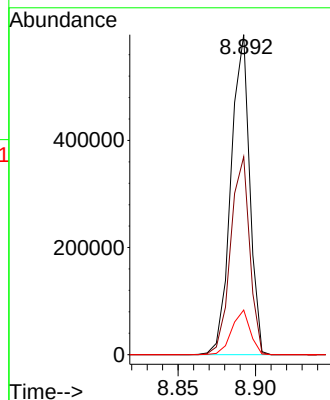
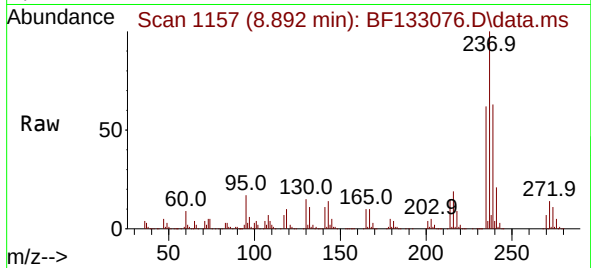




#41
Hexachlorocyclopentadiene
Concen: 85.689 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

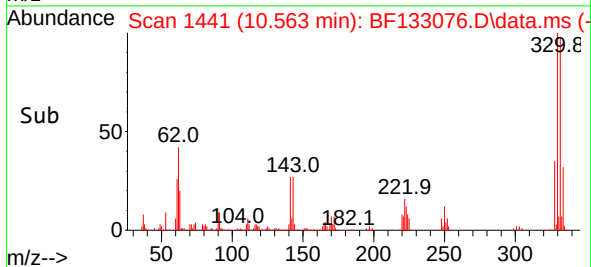
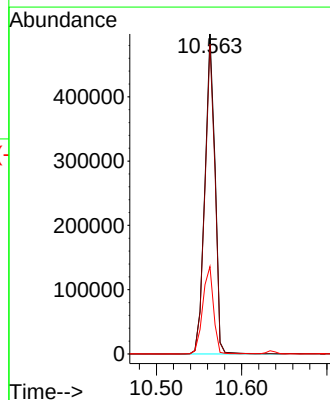
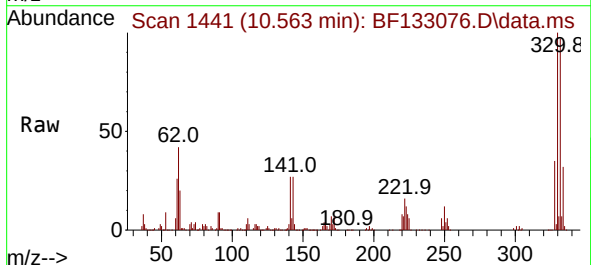
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

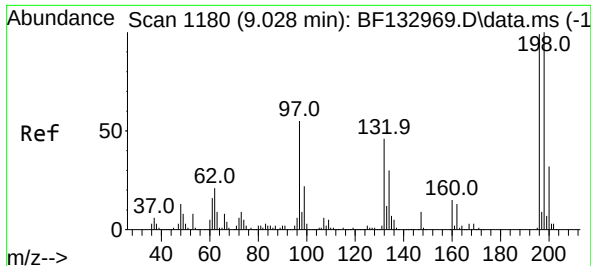
Tgt Ion:237 Resp: 502214
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 14.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 108.920 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:330 Resp: 409420
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 29.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.623 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

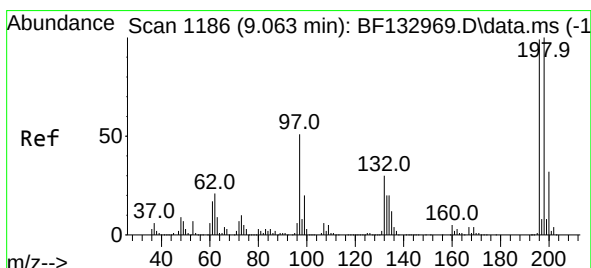
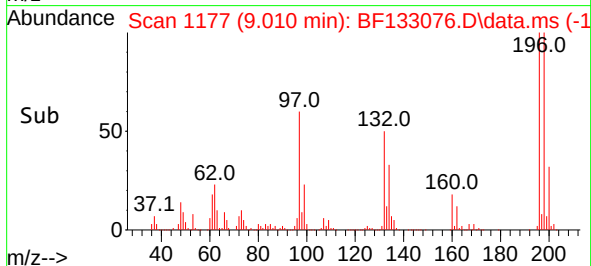
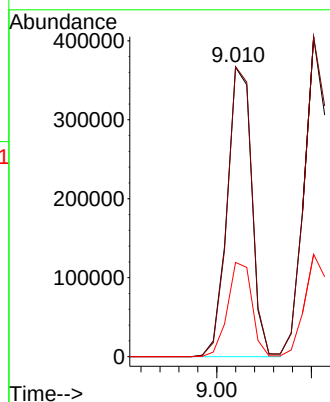
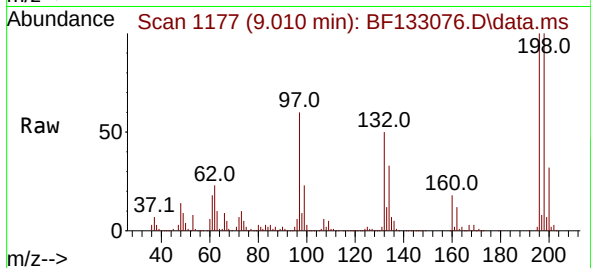
Tgt Ion:196 Resp: 330978

Ion Ratio Lower Upper

196 100

198 100.2 81.0 121.6

200 32.5 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 44.188 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Tgt Ion:196 Resp: 355171

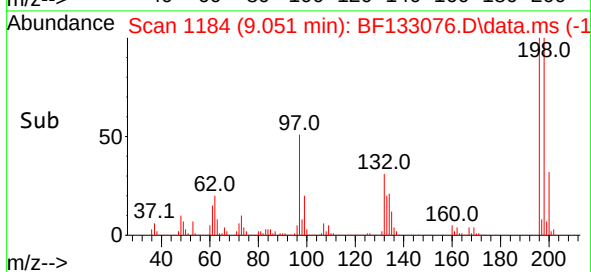
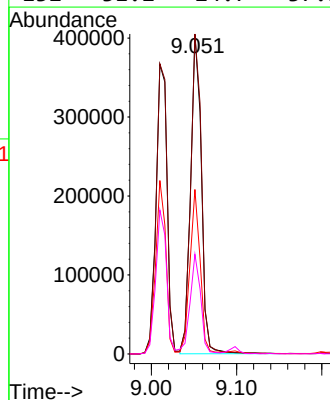
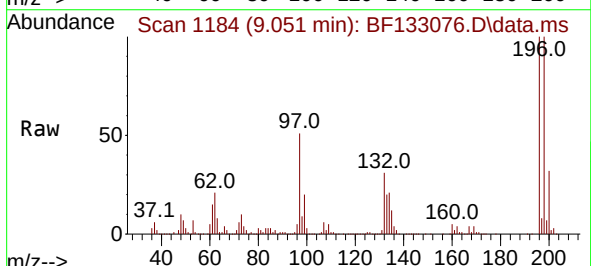
Ion Ratio Lower Upper

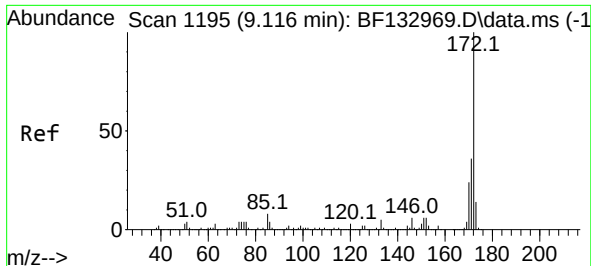
196 100

198 100.2 80.9 121.3

97 51.5 41.3 61.9

132 31.2 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 64.480 ng

RT: 9.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

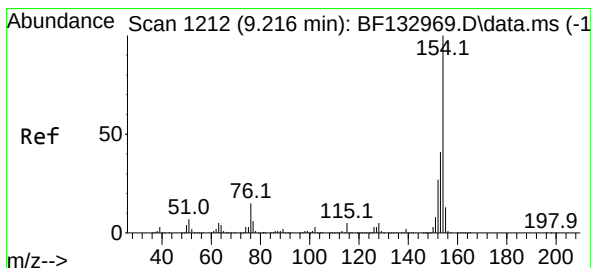
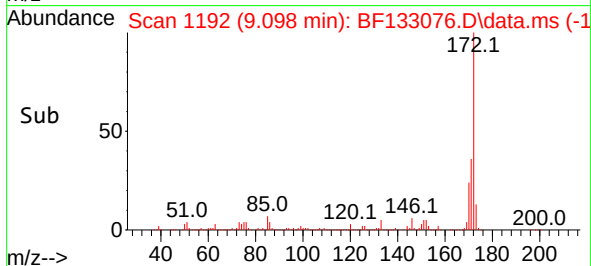
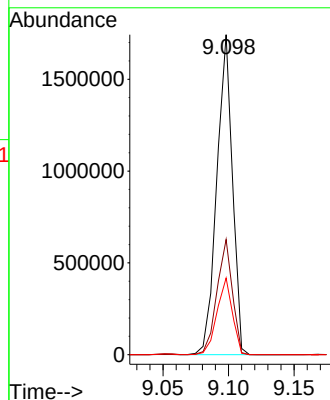
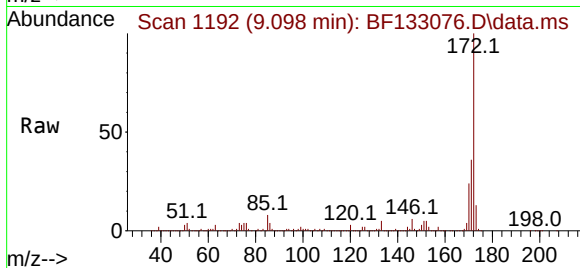
Tgt Ion:172 Resp: 1440539

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.9 19.4 29.2



#46

1,1'-Biphenyl

Concen: 45.659 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

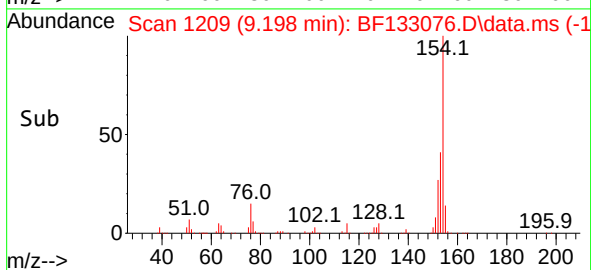
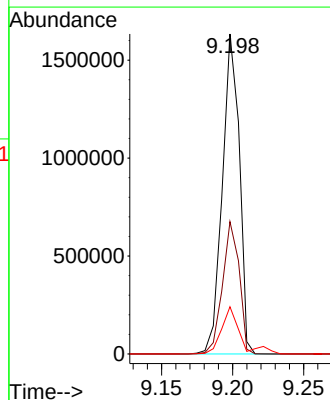
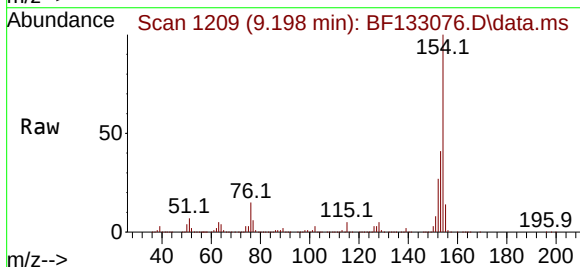
Tgt Ion:154 Resp: 1353240

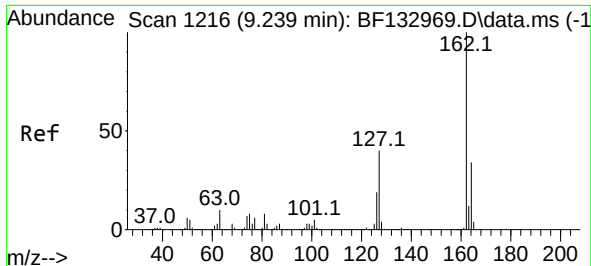
Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

76 14.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 47.544 ng

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

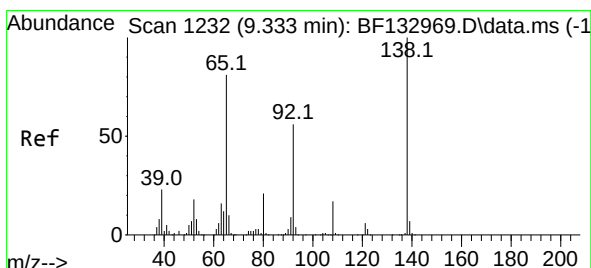
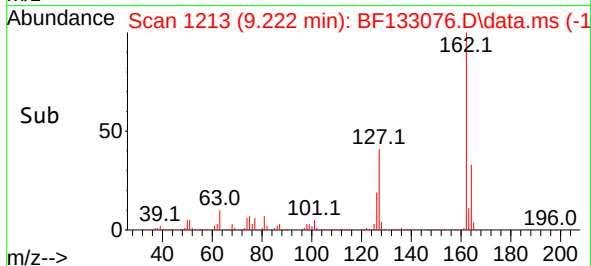
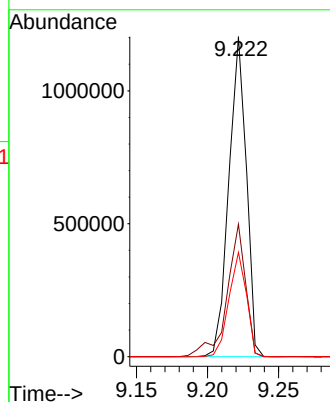
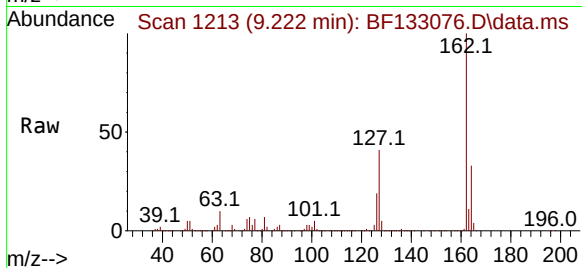
Tgt Ion:162 Resp: 1031363

Ion Ratio Lower Upper

162 100

127 41.4 32.3 48.5

164 32.6 26.8 40.2



#48

2-Nitroaniline

Concen: 45.995 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

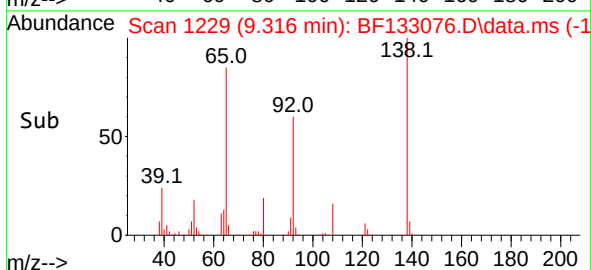
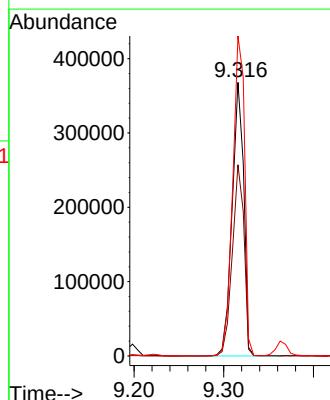
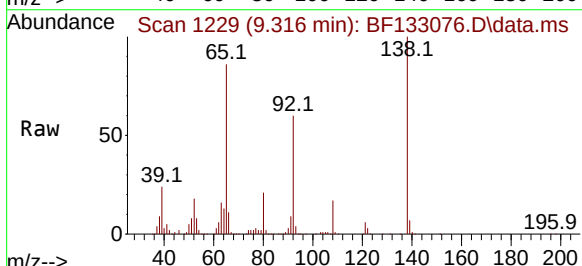
Tgt Ion: 65 Resp: 329758

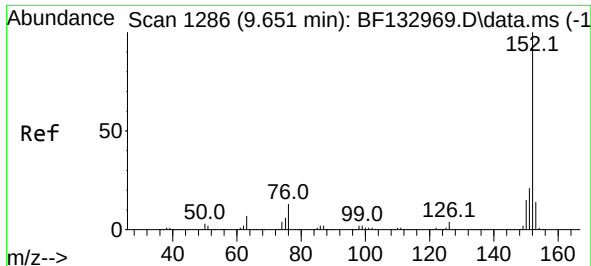
Ion Ratio Lower Upper

65 100

92 69.9 55.4 83.0

138 117.0 98.2 147.2

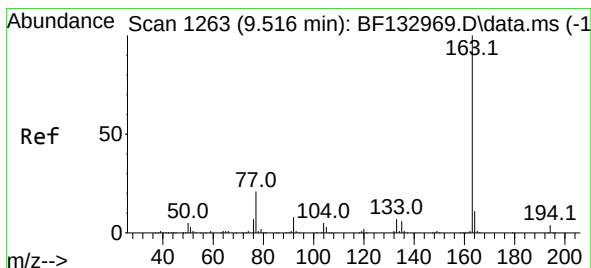
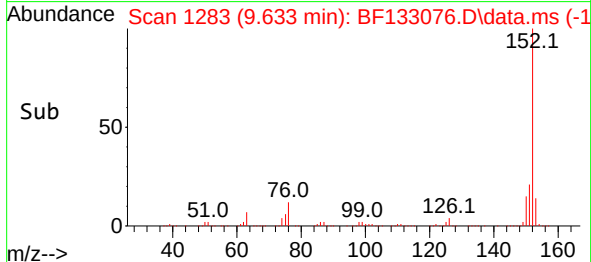
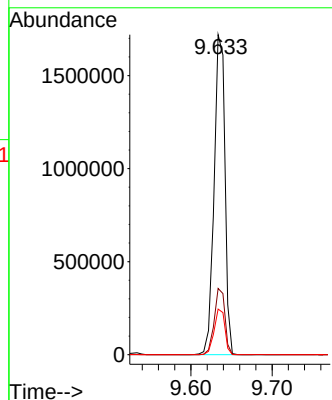
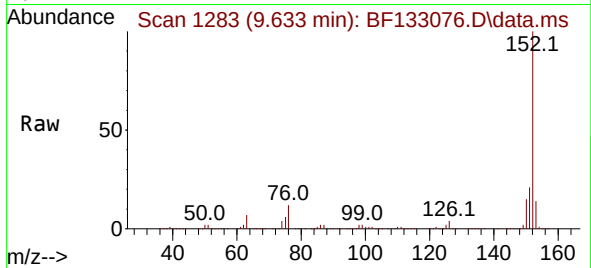




#49
Acenaphthylene
Concen: 45.841 ng
RT: 9.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

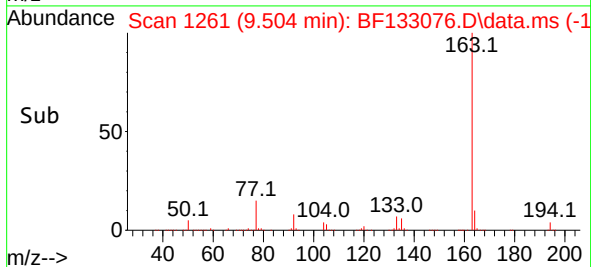
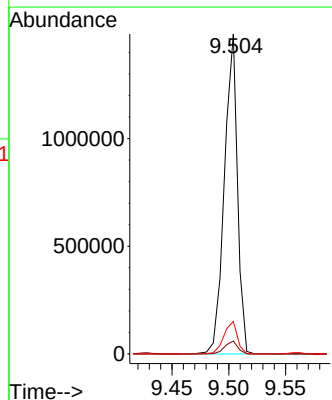
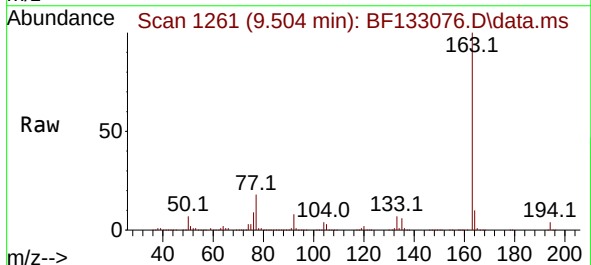
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

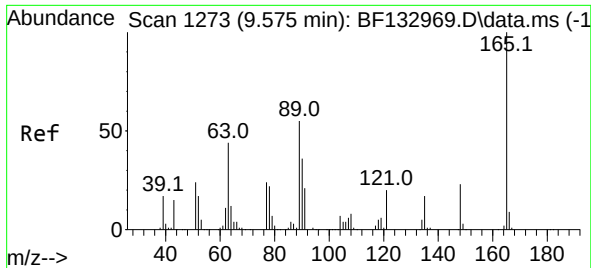
Tgt Ion:152 Resp: 1588941
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.2 11.5 17.3



#50
Dimethylphthalate
Concen: 45.785 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:163 Resp: 1193237
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.5 12.7

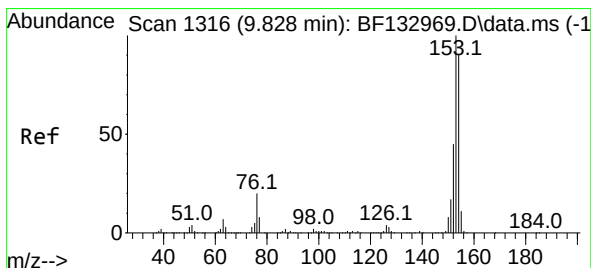
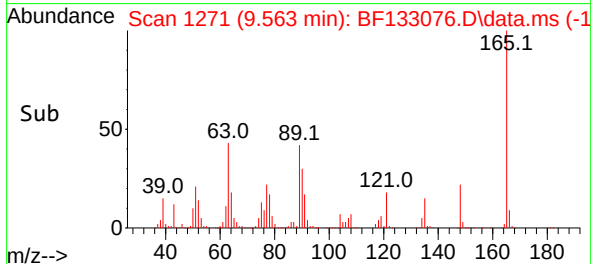
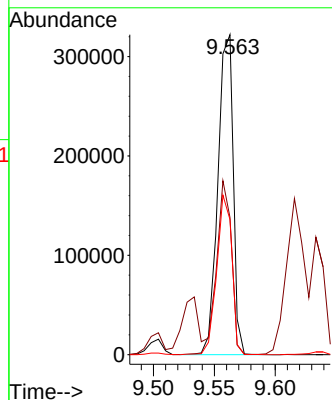
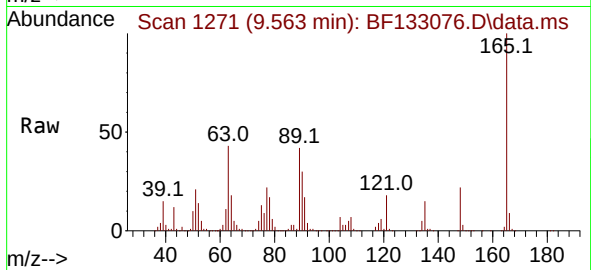




#51
2,6-Dinitrotoluene
Concen: 48.316 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

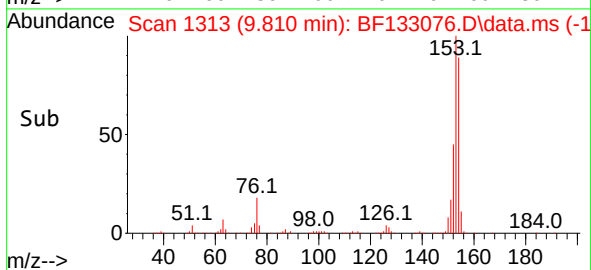
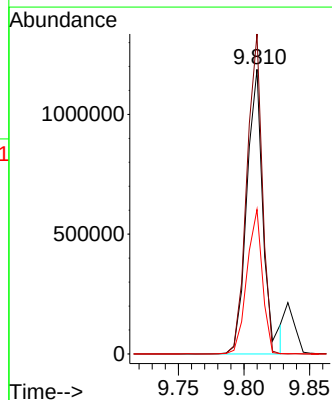
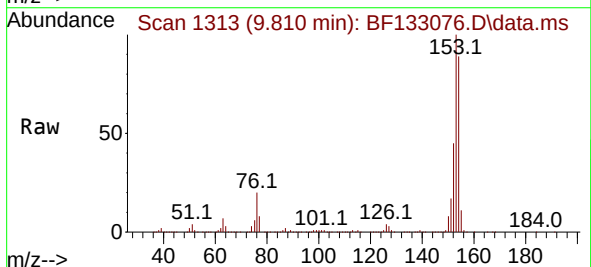
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

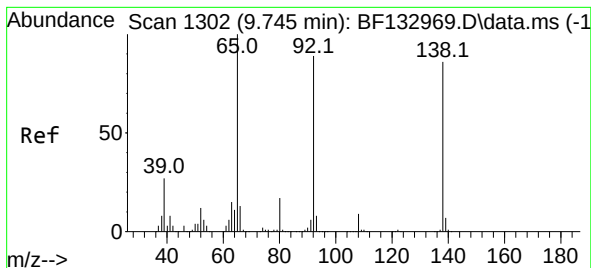
Tgt Ion:165 Resp: 283413
Ion Ratio Lower Upper
165 100
63 42.9 45.9 68.9#
89 42.2 44.0 66.0#



#52
Acenaphthene
Concen: 44.665 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:154 Resp: 1036887
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.6
152 50.8 40.4 60.6





#53

3-Nitroaniline

Concen: 36.638 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

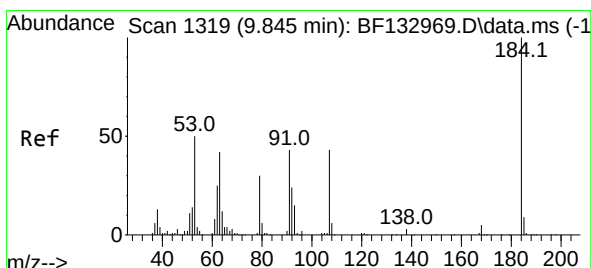
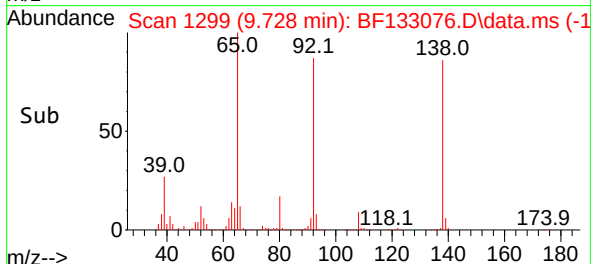
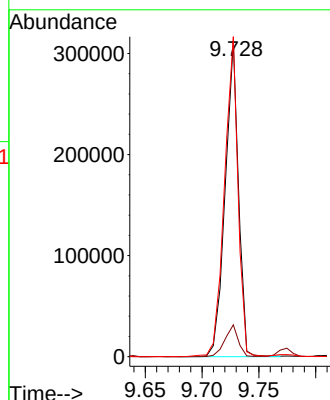
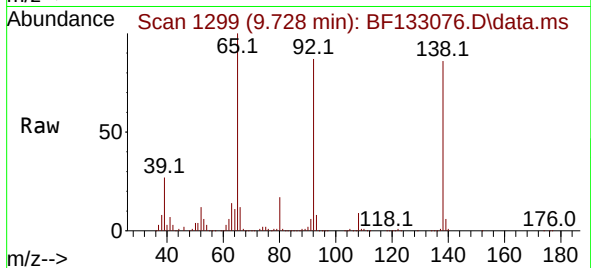
Tgt Ion:138 Resp: 255535

Ion Ratio Lower Upper

138 100

108 10.1 8.0 12.0

92 101.4 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 104.359 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

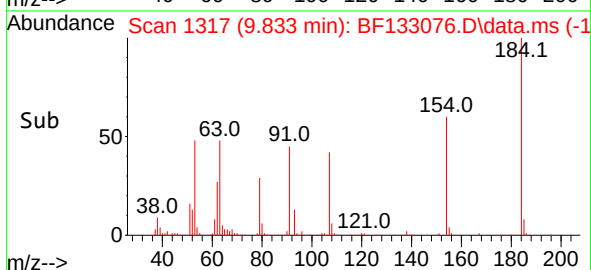
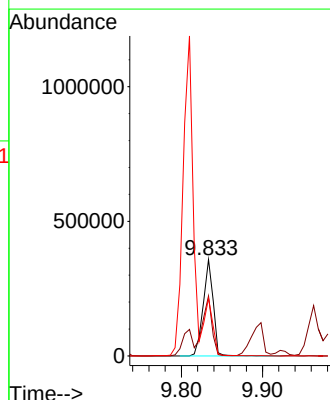
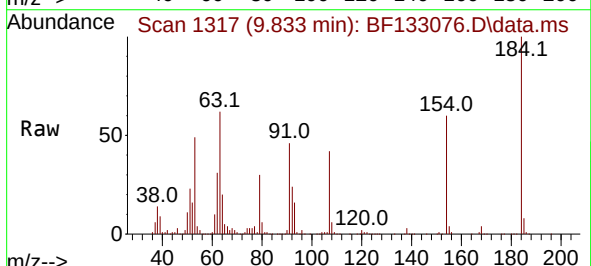
Tgt Ion:184 Resp: 307700

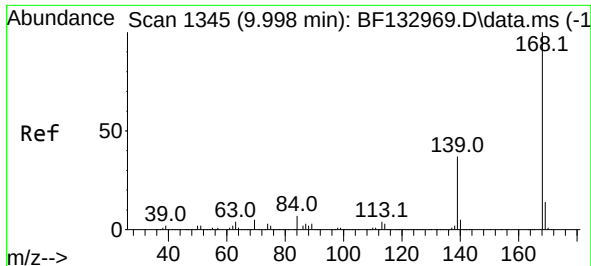
Ion Ratio Lower Upper

184 100

63 62.3 49.8 74.8

154 59.8 49.5 74.3

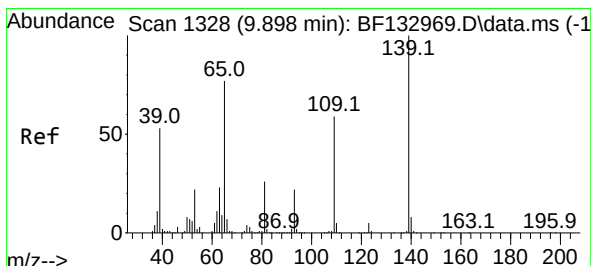
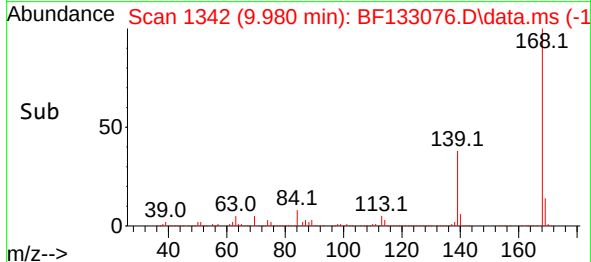
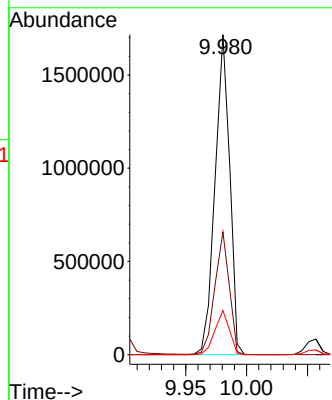
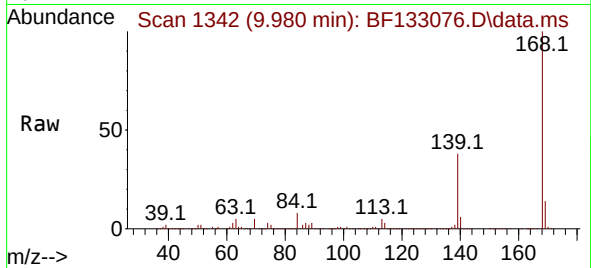




#55
Dibenzenofuran
Concen: 45.441 ng
RT: 9.980 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

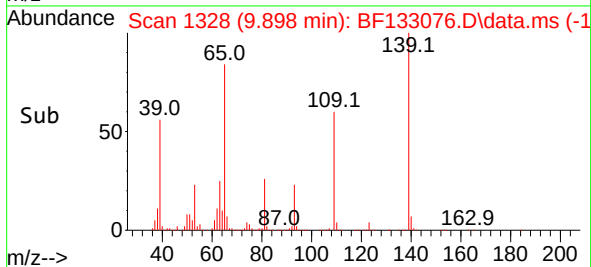
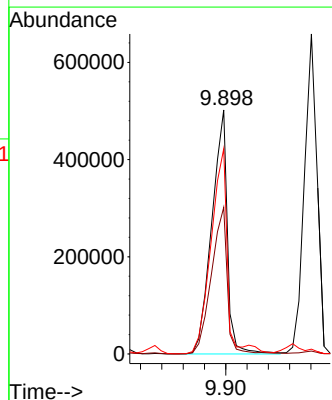
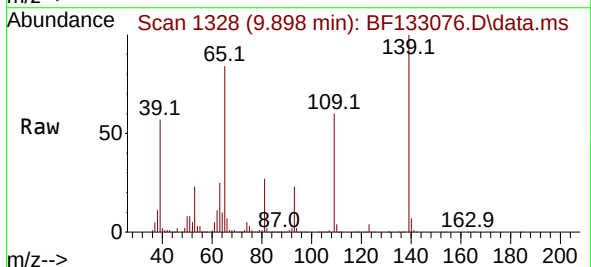
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

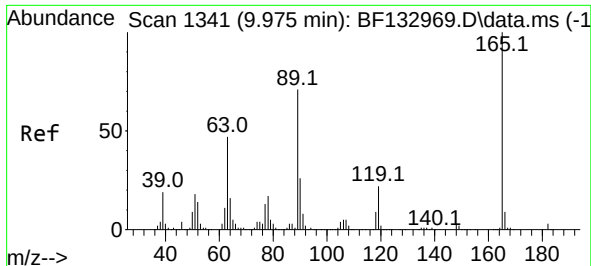
Tgt Ion:168 Resp: 1439006
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 95.099 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:139 Resp: 513724
Ion Ratio Lower Upper
139 100
109 60.1 39.4 79.4
65 84.1 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 51.155 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion:165 Resp: 382669

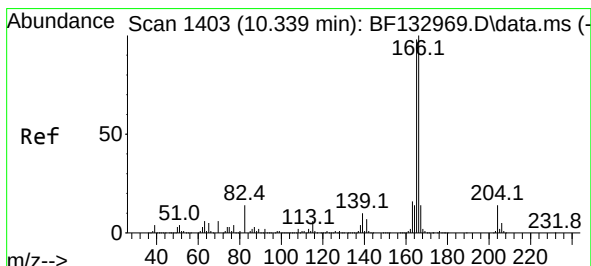
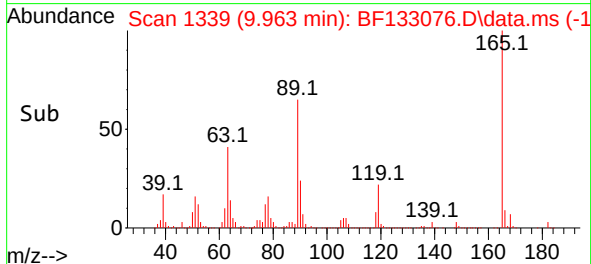
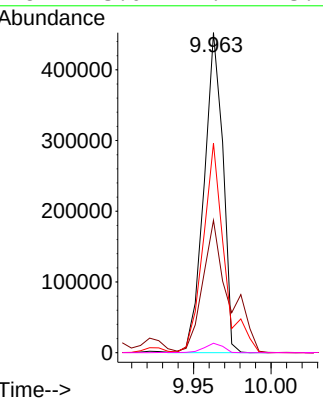
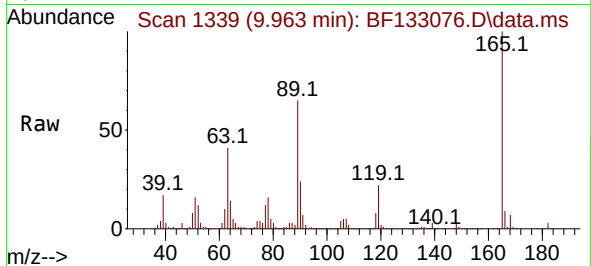
Ion Ratio Lower Upper

165 100

63 41.3 37.7 56.5

89 65.5 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 45.743 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

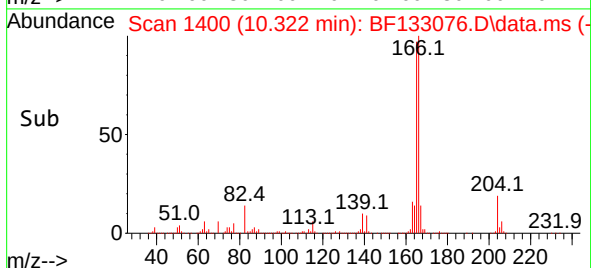
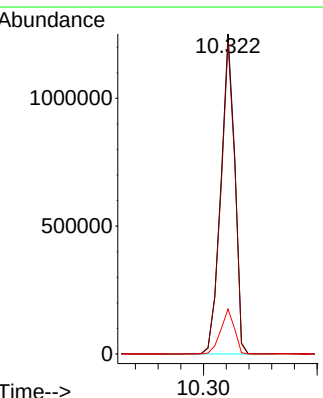
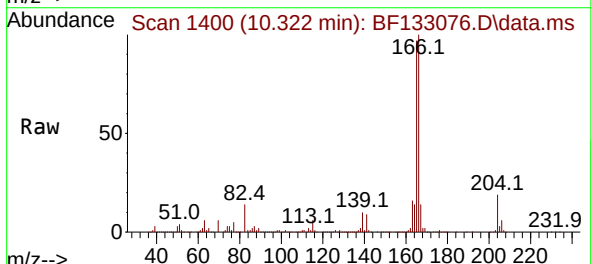
Tgt Ion:166 Resp: 1061286

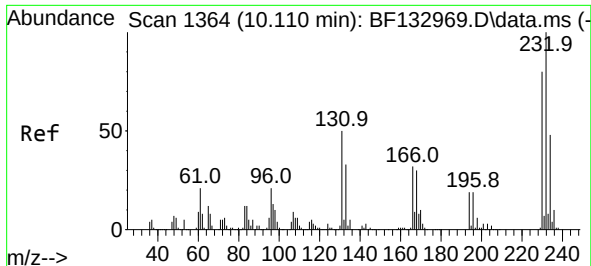
Ion Ratio Lower Upper

166 100

165 97.3 78.6 117.8

167 14.1 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.643 ng

RT: 10.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion:232 Resp: 303115

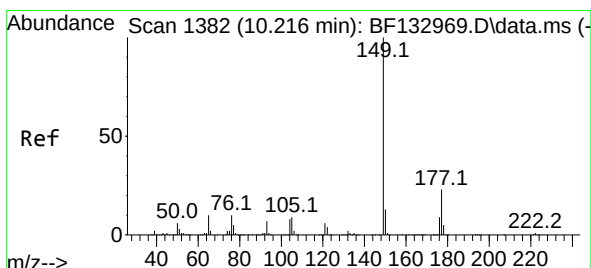
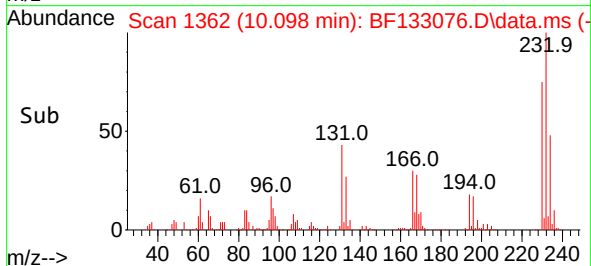
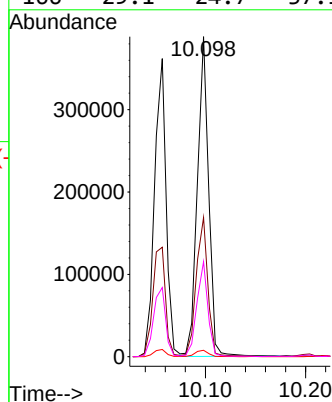
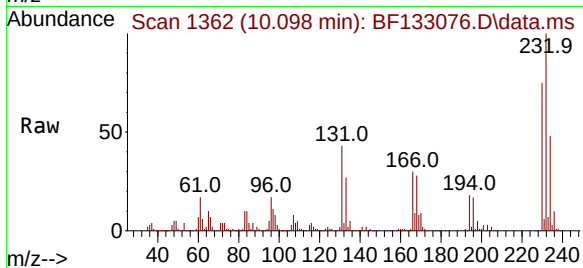
Ion Ratio Lower Upper

232 100

131 45.2 38.0 57.0

130 2.4 1.8 2.8

166 29.1 24.7 37.1



#60

Diethylphthalate

Concen: 46.040 ng

RT: 10.204 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

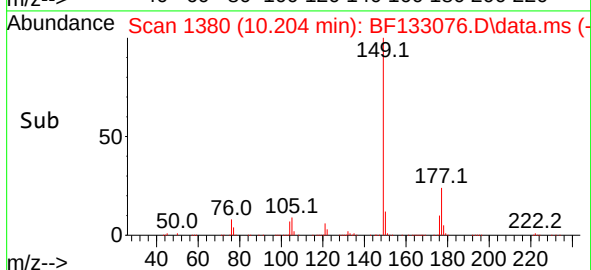
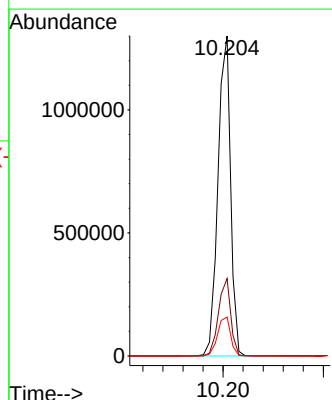
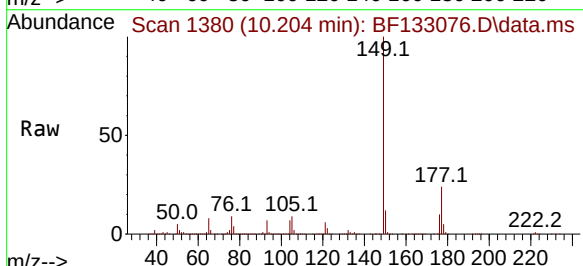
Tgt Ion:149 Resp: 1133375

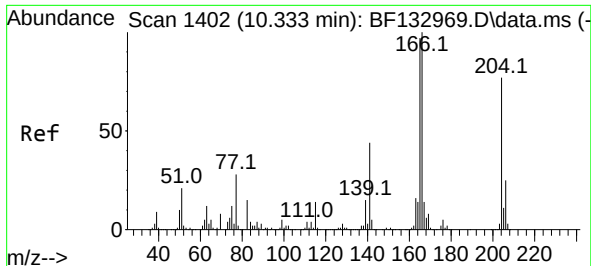
Ion Ratio Lower Upper

149 100

177 24.2 18.2 27.4

150 12.1 10.2 15.4

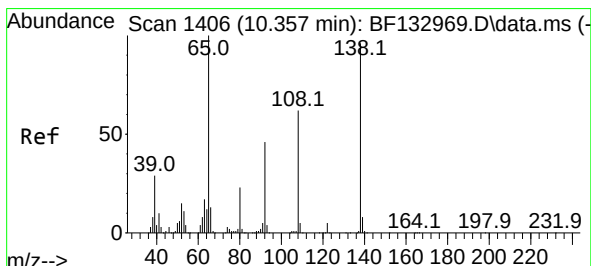
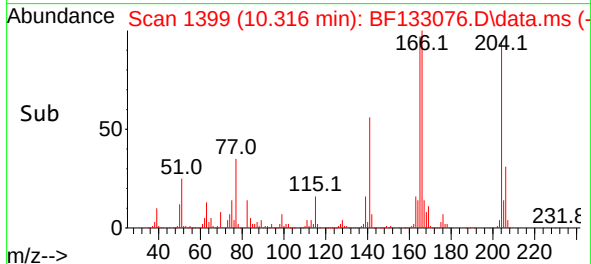
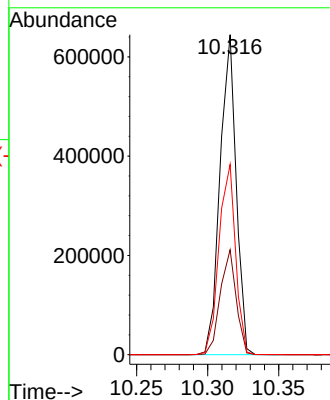
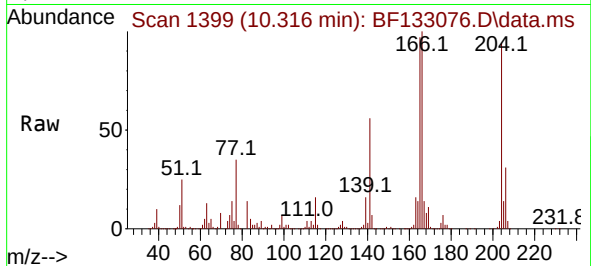




#61
4-Chlorophenyl-phenylether
Concen: 44.966 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

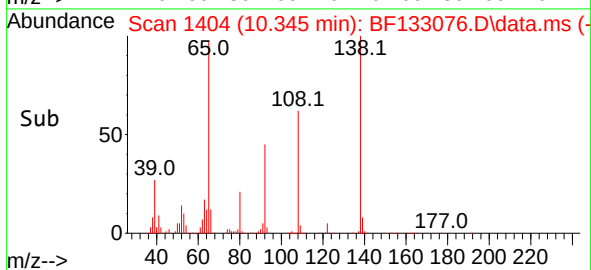
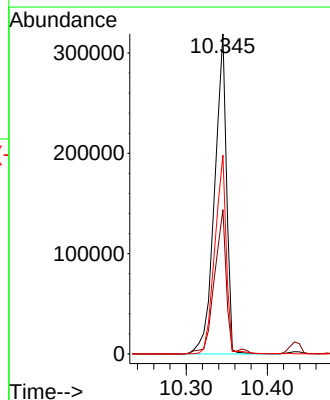
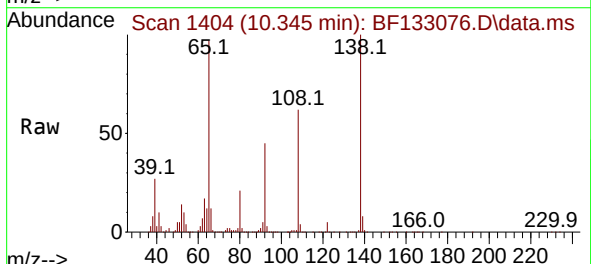
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

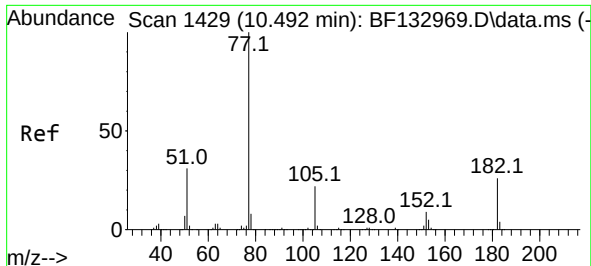
Tgt Ion:204 Resp: 508393
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 59.5 46.1 69.1



#62
4-Nitroaniline
Concen: 50.704 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:138 Resp: 325032
Ion Ratio Lower Upper
138 100
92 45.1 27.7 67.7
108 62.1 45.2 85.2

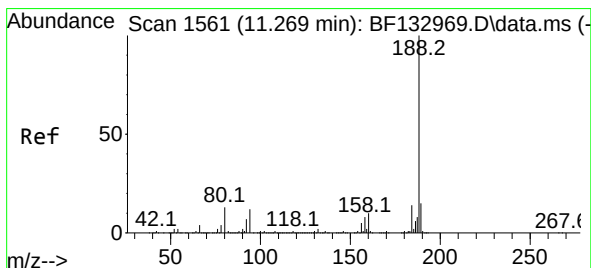
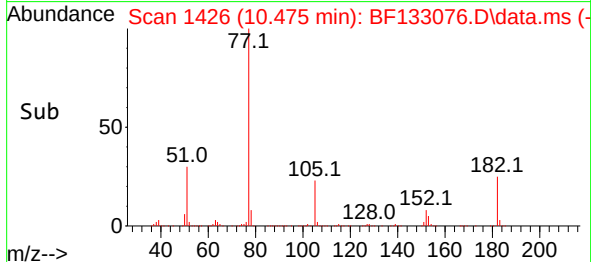
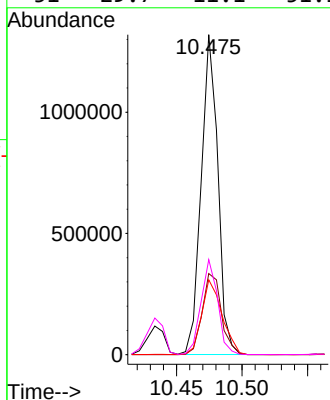
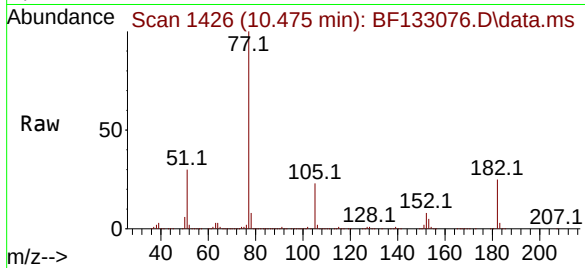




#63
Azobenzene
Concen: 44.865 ng
RT: 10.475 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

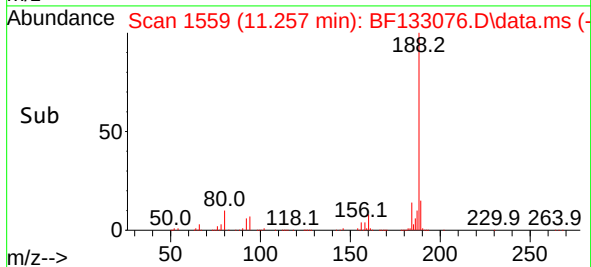
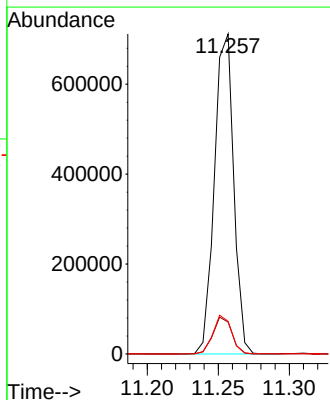
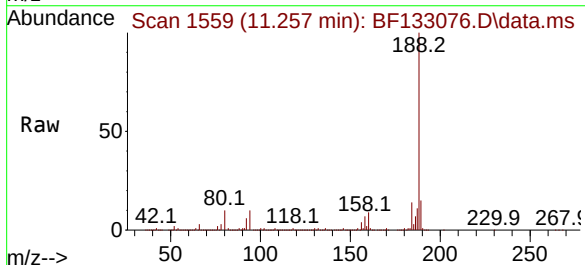
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

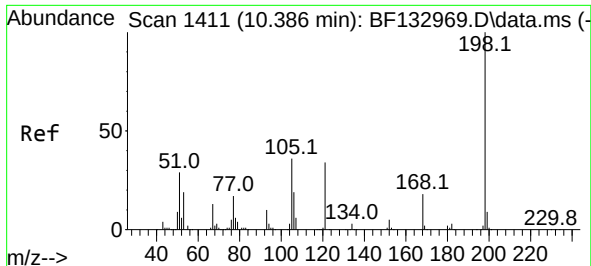
Tgt Ion: 77 Resp: 1169983
Ion Ratio Lower Upper
77 100
182 25.4 5.9 45.9
105 23.4 2.3 42.3
51 29.7 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion: 188 Resp: 671301
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 10.2 10.4 15.6#

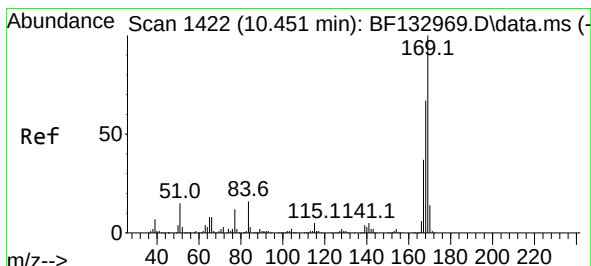
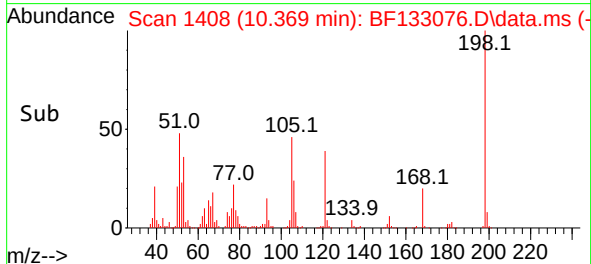
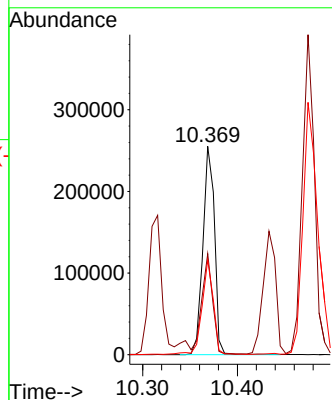
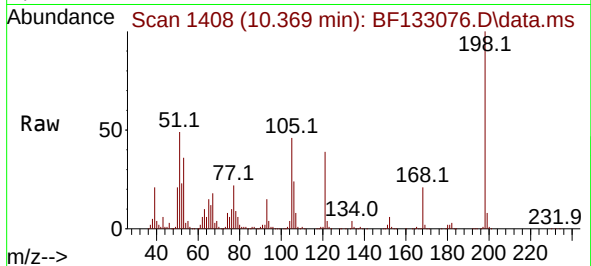




#65
4,6-Dinitro-2-methylphenol
Concen: 53.271 ng
RT: 10.369 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

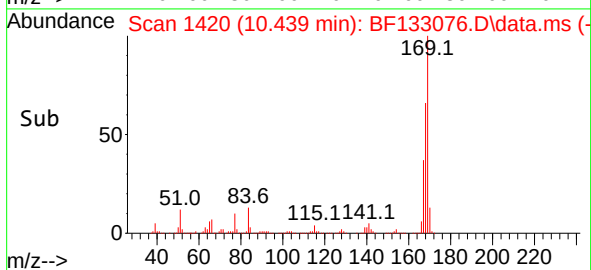
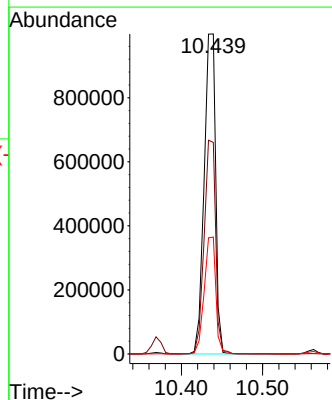
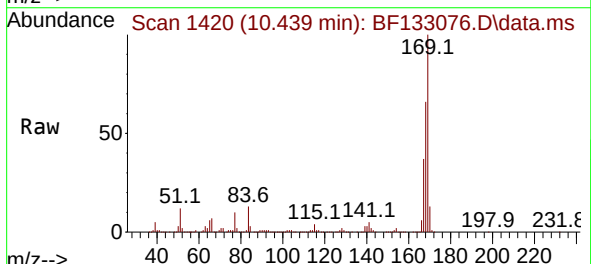
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

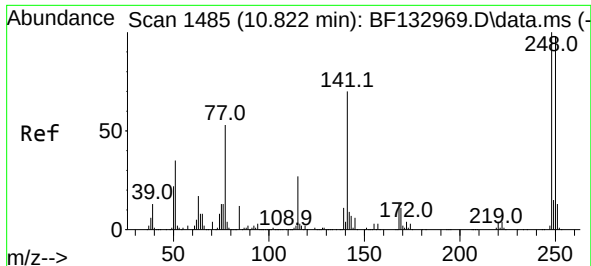
Tgt Ion:198 Resp: 216754
Ion Ratio Lower Upper
198 100
51 48.5 15.5 55.5
105 45.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 45.017 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:169 Resp: 980253
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 36.6 29.7 44.5

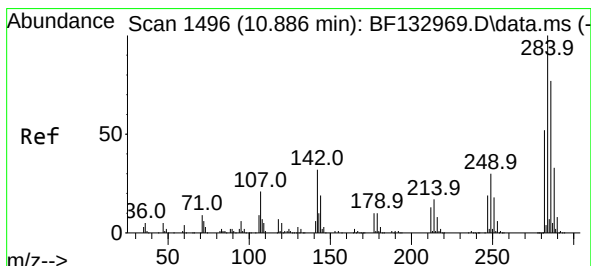
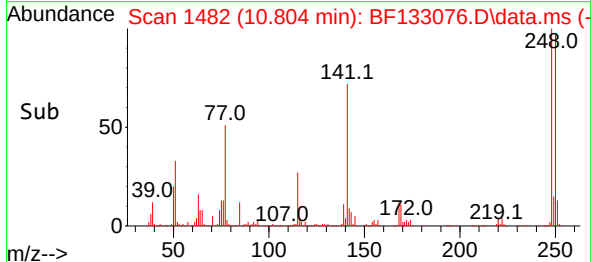
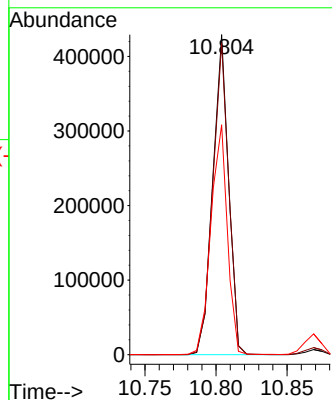
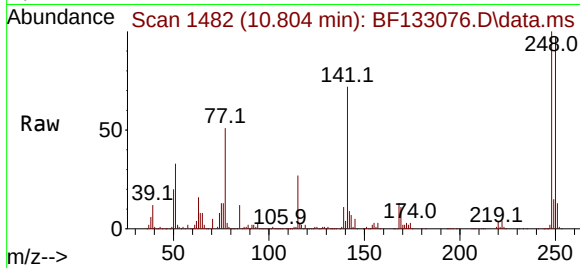




#67
4-Bromophenyl-phenylether
Concen: 45.655 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

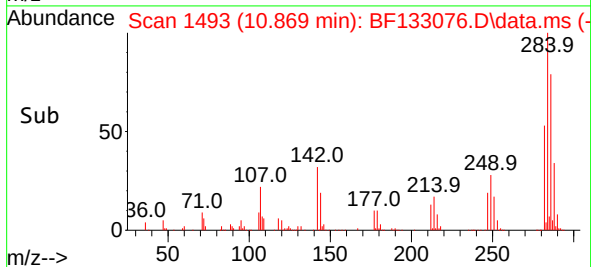
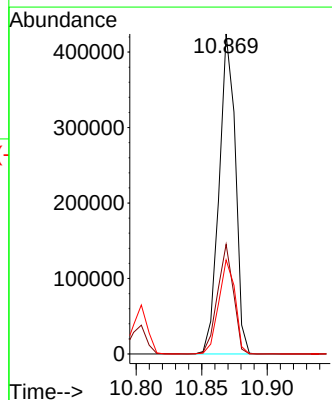
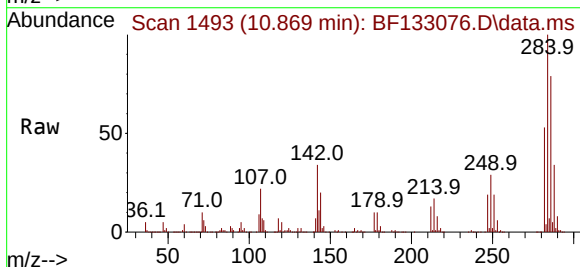
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

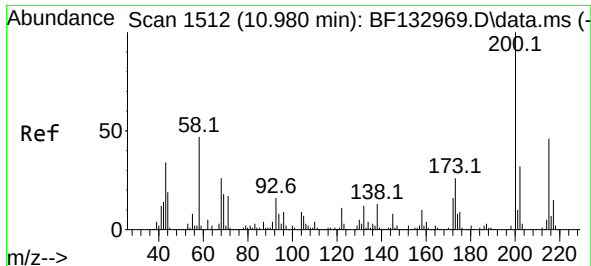
Tgt Ion:248 Resp: 332397
Ion Ratio Lower Upper
248 100
250 97.5 78.7 118.1
141 71.9 56.3 84.5



#68
Hexachlorobenzene
Concen: 48.891 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:284 Resp: 364749
Ion Ratio Lower Upper
284 100
142 34.3 26.0 39.0
249 29.4 23.7 35.5

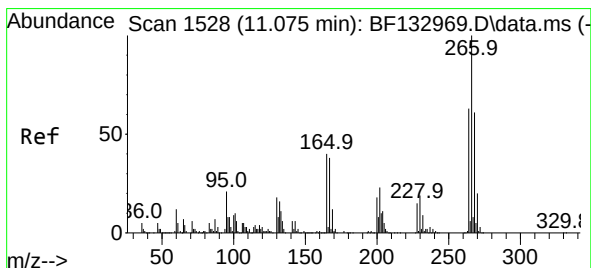
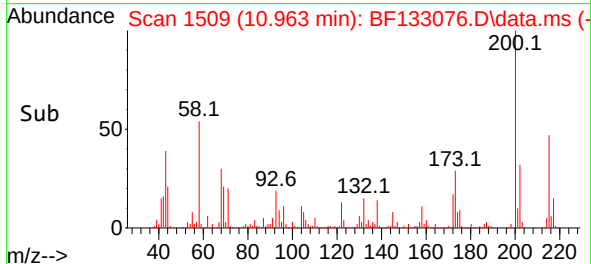
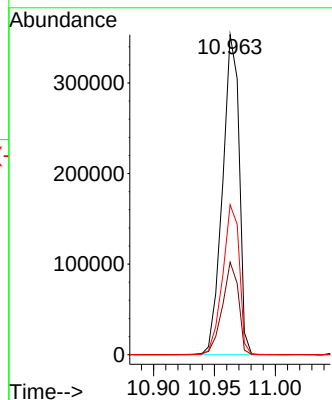
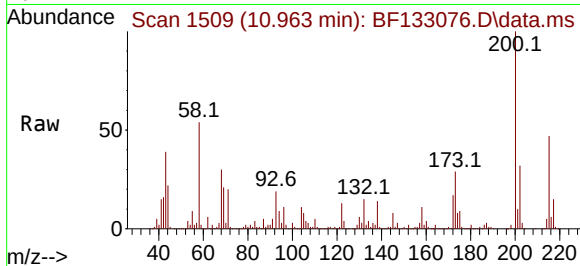




#69
Atrazine
Concen: 53.589 ng
RT: 10.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

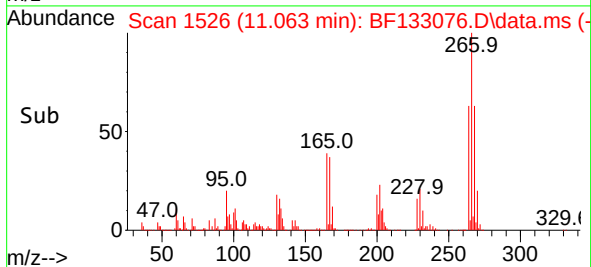
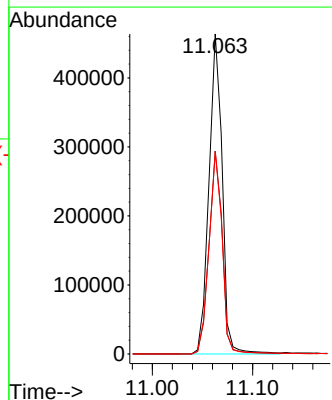
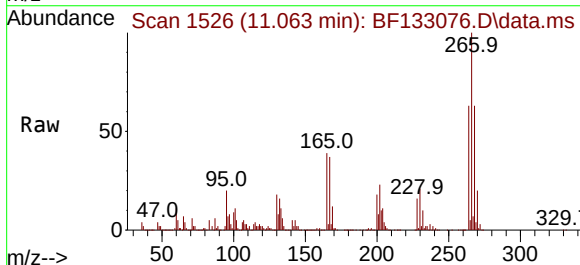
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

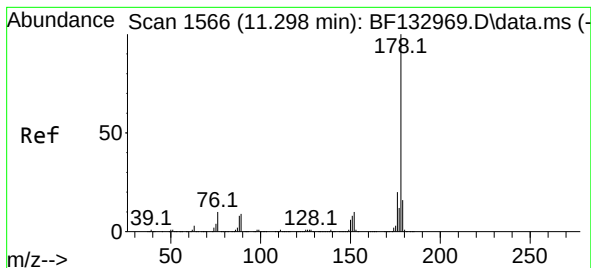
Tgt Ion:200 Resp: 336241
Ion Ratio Lower Upper
200 100
173 28.9 6.2 46.2
215 46.9 26.3 66.3



#70
Pentachlorophenol
Concen: 79.908 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:266 Resp: 424570
Ion Ratio Lower Upper
266 100
268 63.4 48.8 73.2
264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 45.765 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

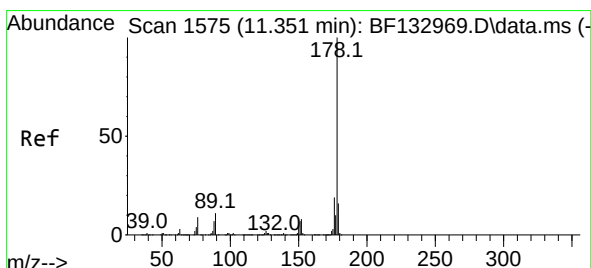
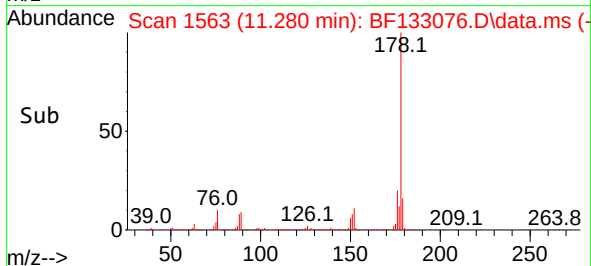
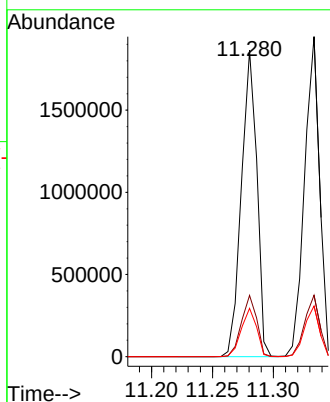
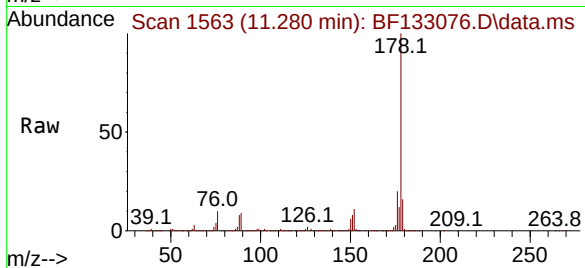
Tgt Ion:178 Resp: 1651208

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

179 15.8 12.5 18.7



#72

Anthracene

Concen: 45.447 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

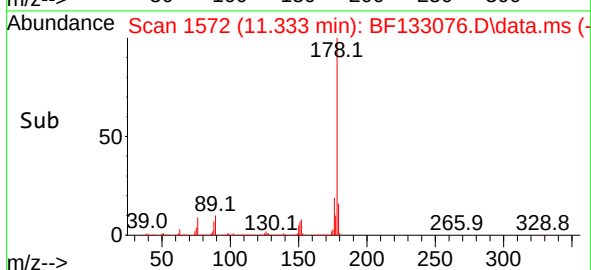
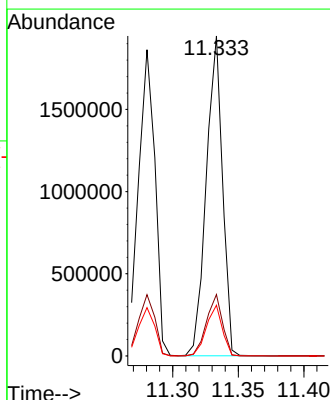
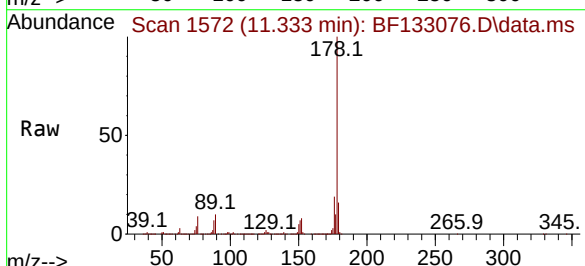
Tgt Ion:178 Resp: 1678096

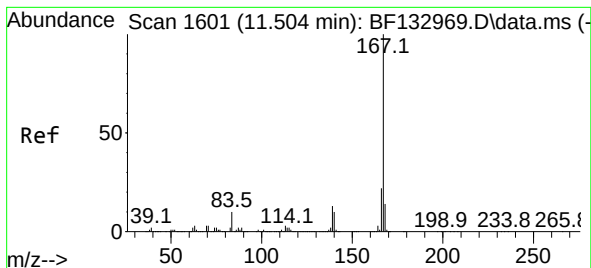
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.8 12.4 18.6





#73

Carbazole

Concen: 46.937 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

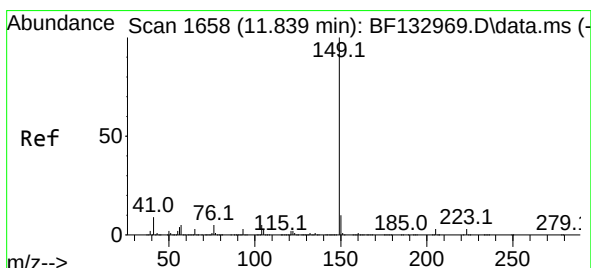
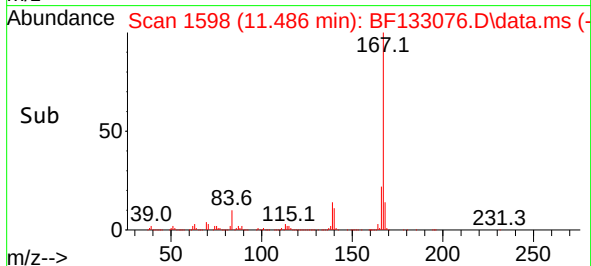
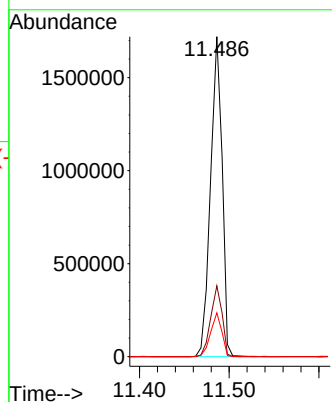
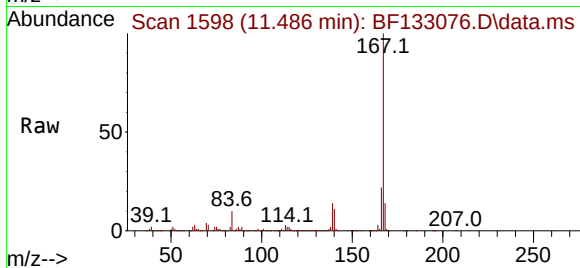
Tgt Ion:167 Resp: 1543231

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.178 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

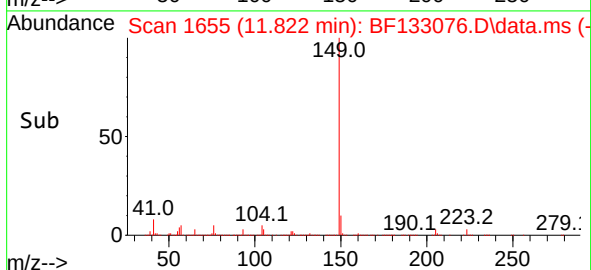
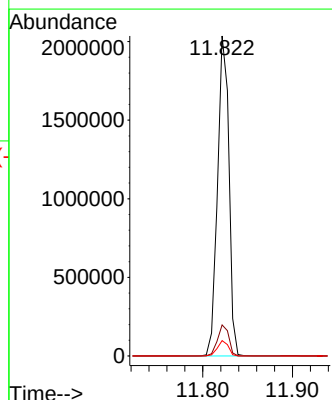
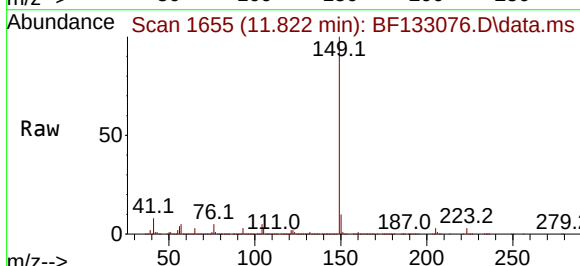
Tgt Ion:149 Resp: 1792579

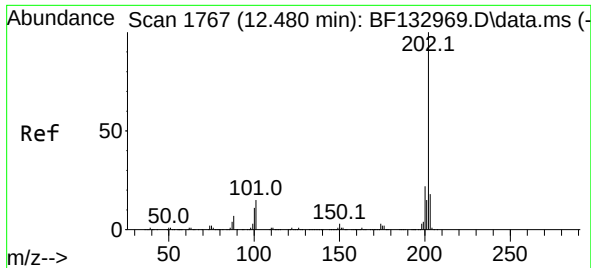
Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 4.8 4.0 6.0

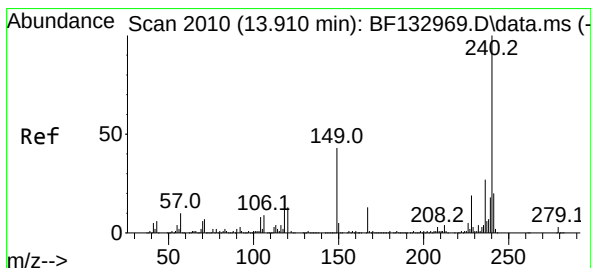
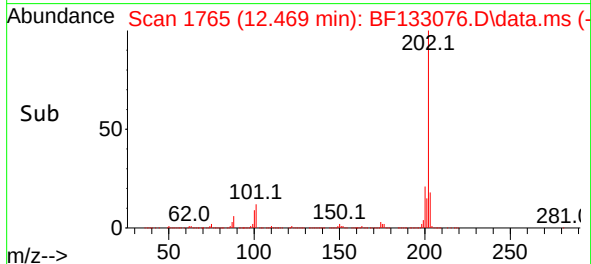
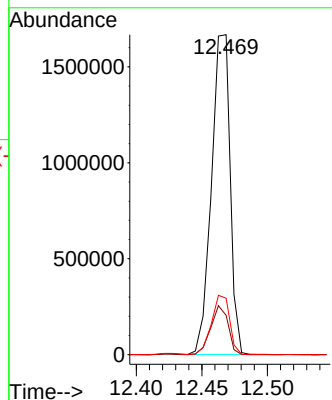
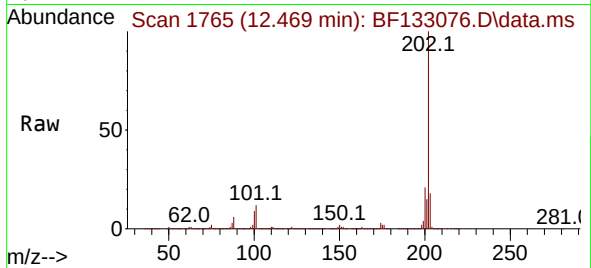




#75
Fluoranthene
Concen: 45.603 ng
RT: 12.469 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

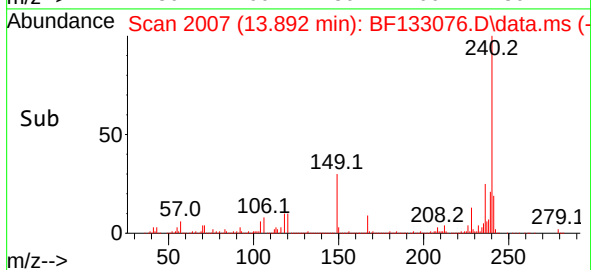
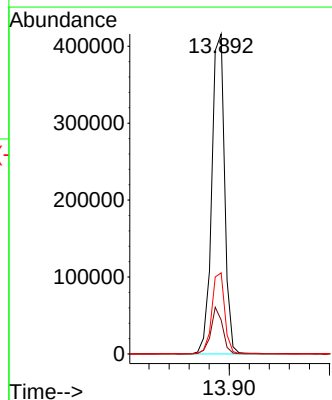
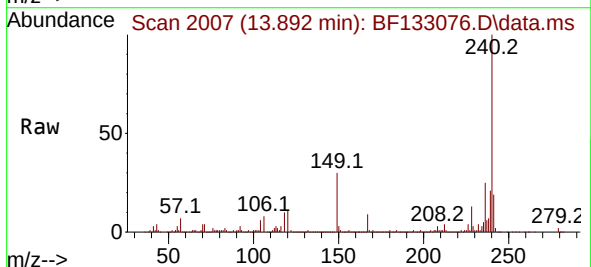
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

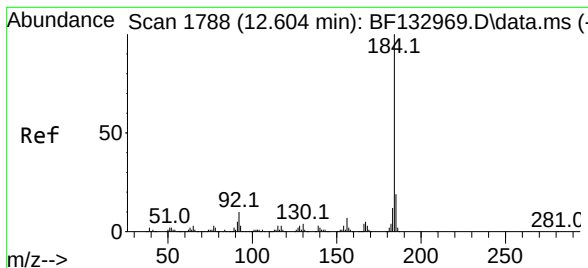
Tgt Ion:202 Resp: 1651308
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.3
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:240 Resp: 371317
Ion Ratio Lower Upper
240 100
120 10.6 10.5 15.7
236 25.4 21.5 32.3





#77

Benzidine

Concen: 82.925 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

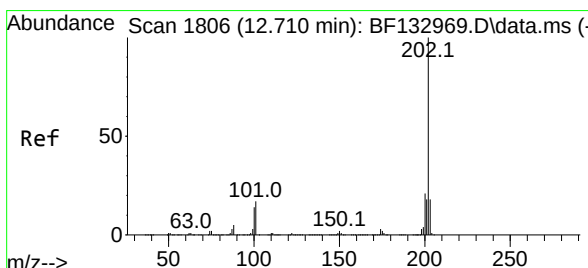
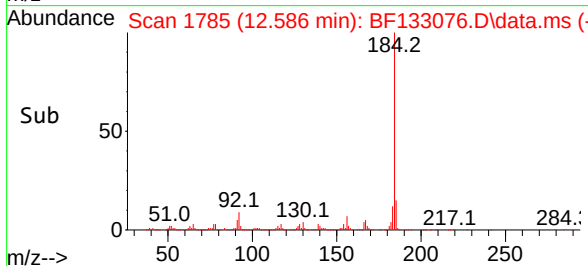
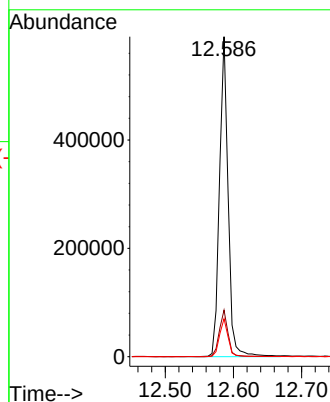
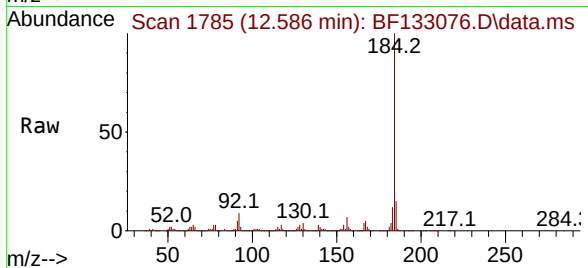
Tgt Ion:184 Resp: 520700

Ion Ratio Lower Upper

184 100

185 14.6 15.4 23.2#

183 11.8 9.4 14.0



#78

Pyrene

Concen: 53.199 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

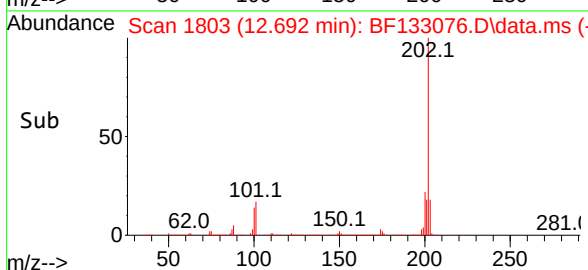
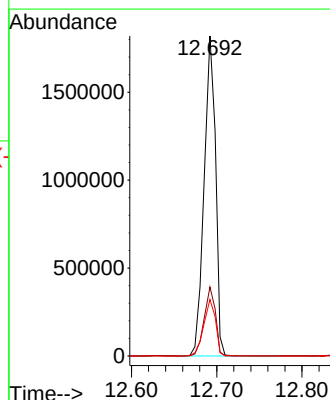
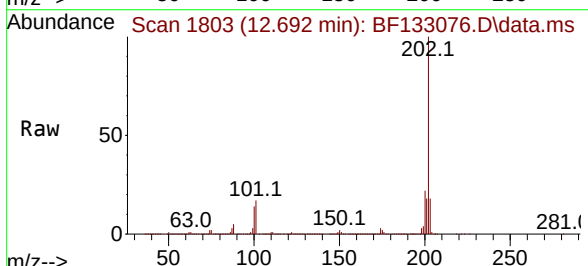
Tgt Ion:202 Resp: 1693344

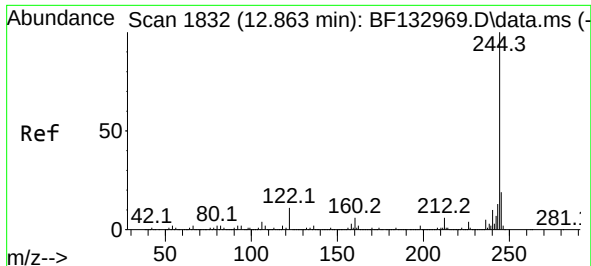
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.7 14.1 21.1

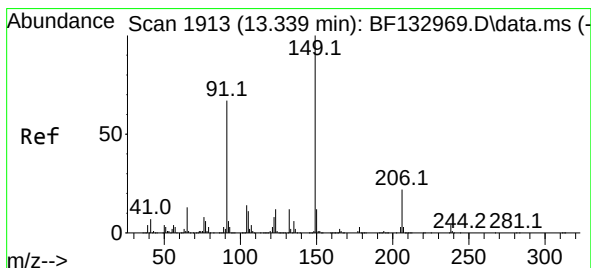
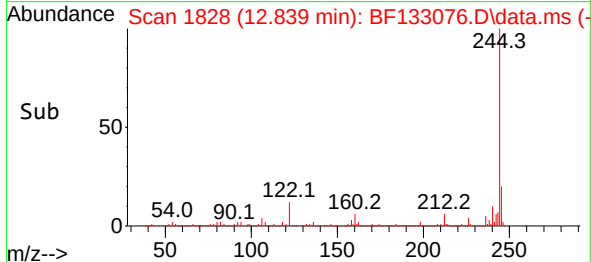
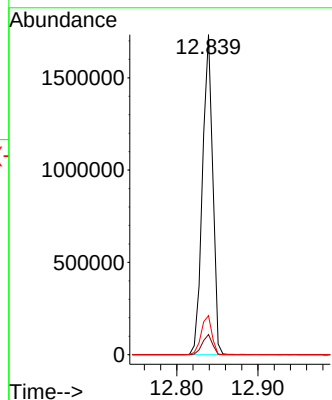
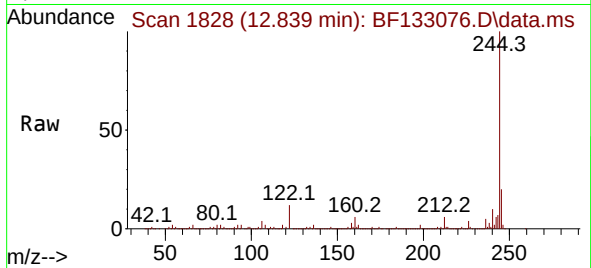




#79
 Terphenyl-d14
 Concen: 70.856 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133076.D
 Acq: 26 Apr 2023 21:03

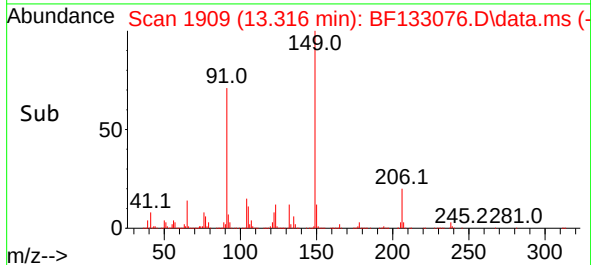
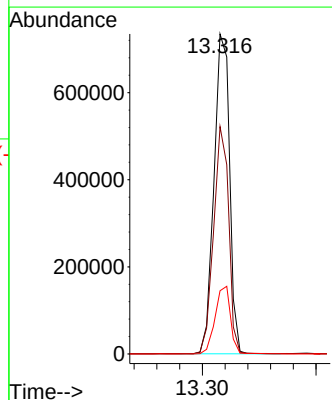
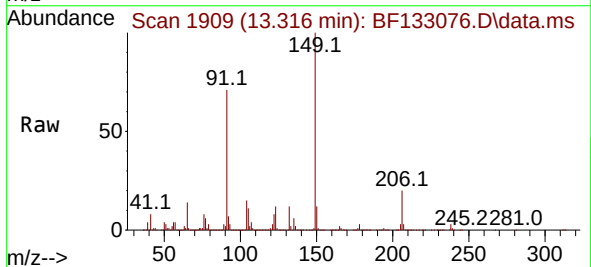
Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31MS

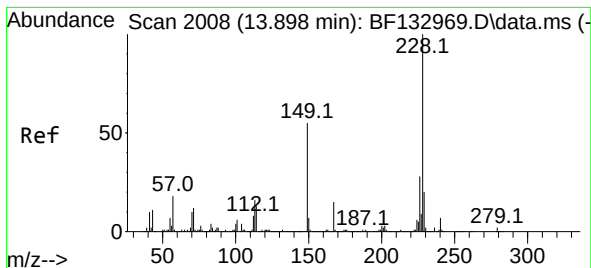
Tgt Ion:244 Resp: 1525515
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 12.2 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 61.972 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133076.D
 Acq: 26 Apr 2023 21:03

Tgt Ion:149 Resp: 698450
 Ion Ratio Lower Upper
 149 100
 91 71.1 53.8 80.6
 206 19.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 47.310 ng

RT: 13.880 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

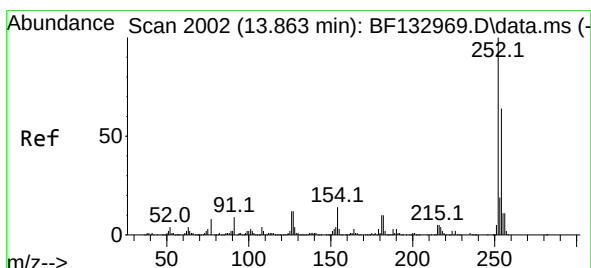
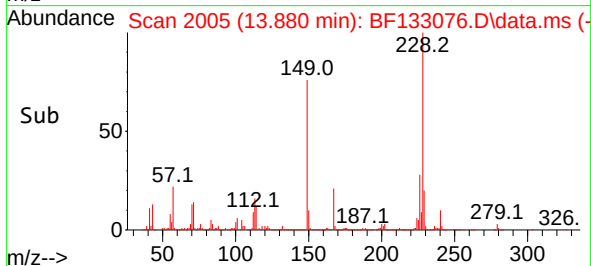
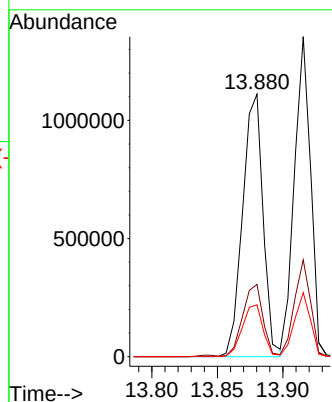
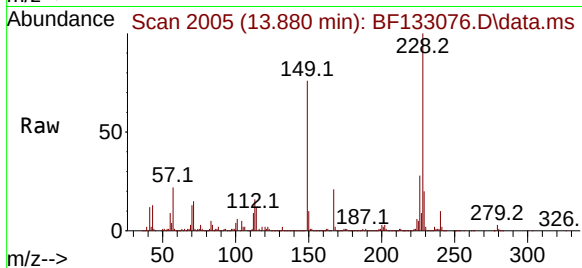
Tgt Ion:228 Resp: 1208024

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 50.564 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

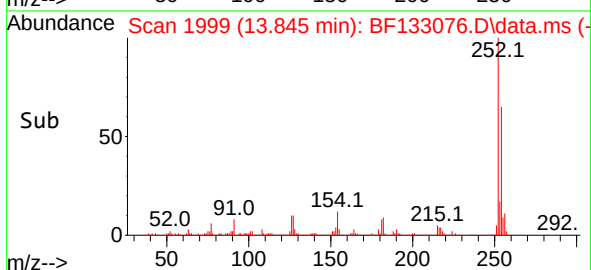
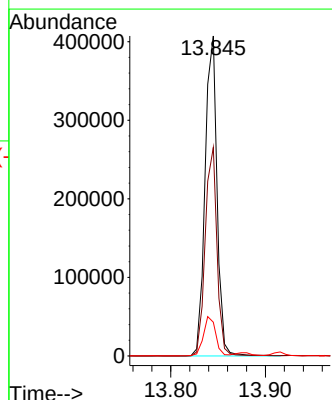
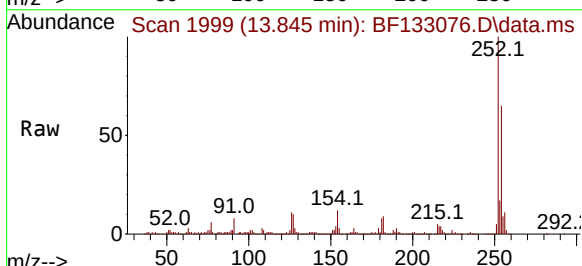
Tgt Ion:252 Resp: 356673

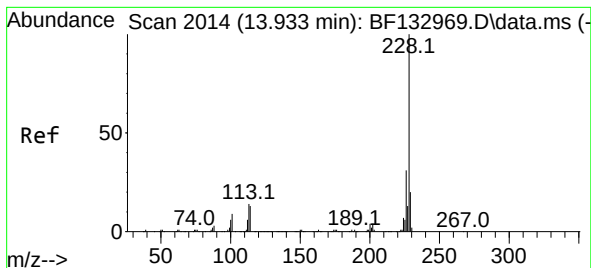
Ion Ratio Lower Upper

252 100

254 65.1 51.5 77.3

126 10.6 9.5 14.3





#83

Chrysene

Concen: 45.563 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

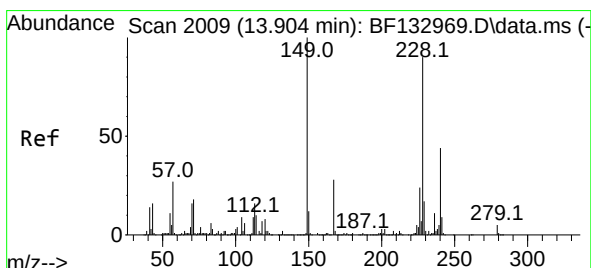
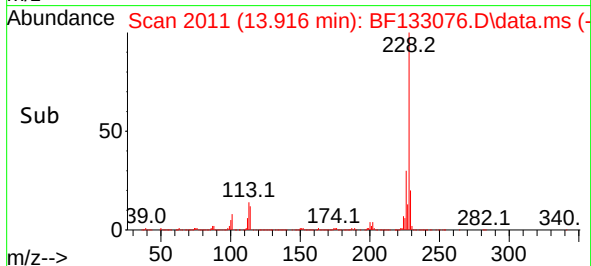
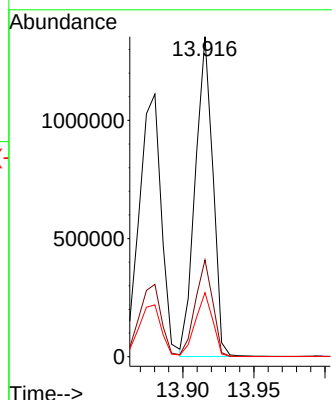
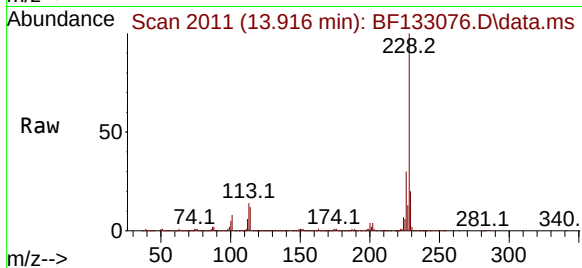
Tgt Ion:228 Resp: 1163130

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.367 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

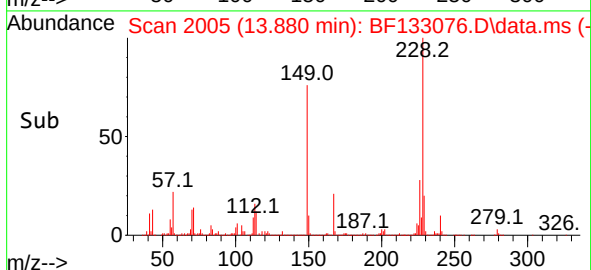
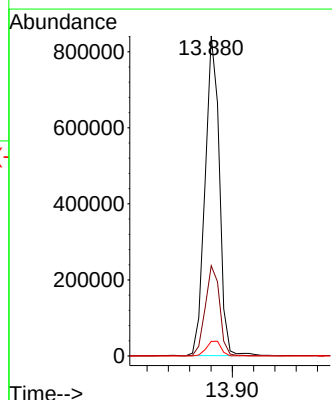
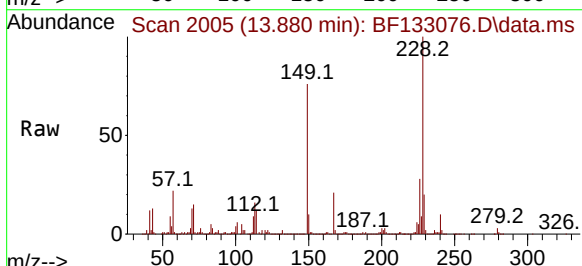
Tgt Ion:149 Resp: 783238

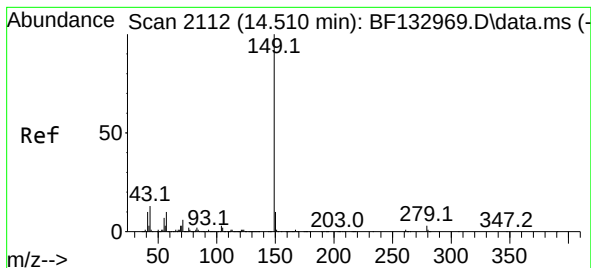
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 54.866 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

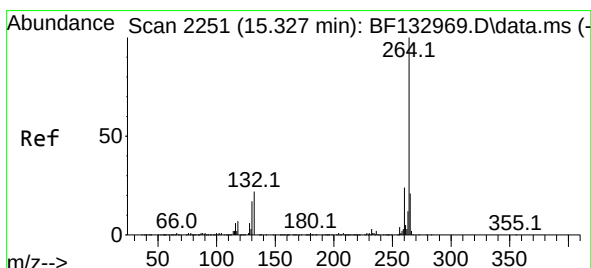
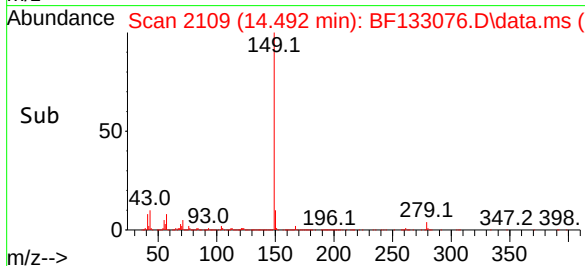
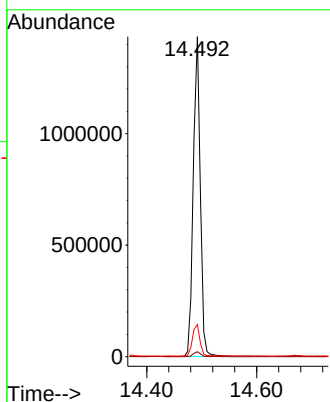
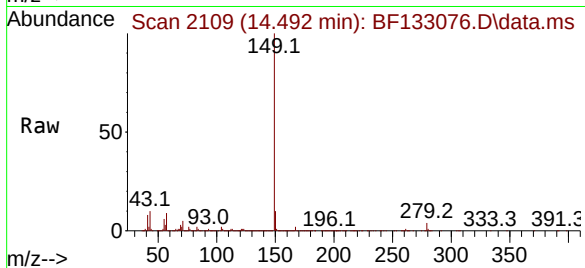
Tgt Ion:149 Resp: 1265560

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

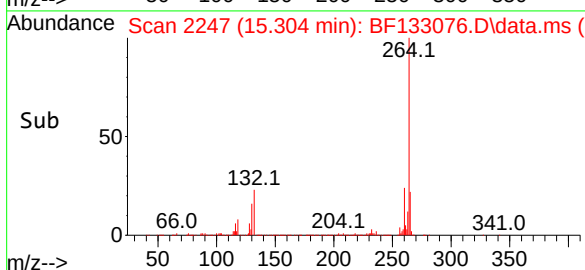
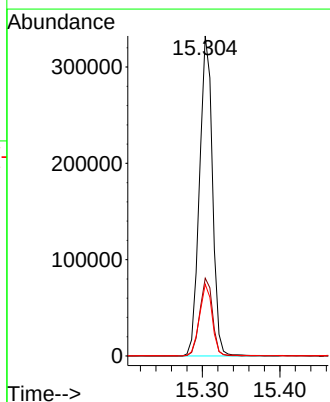
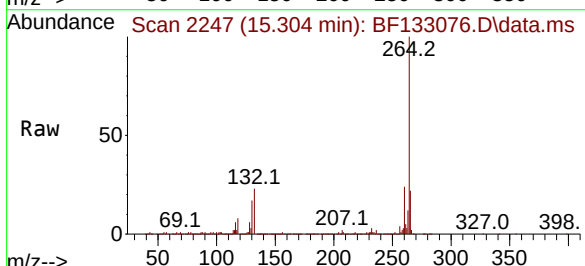
Tgt Ion:264 Resp: 385680

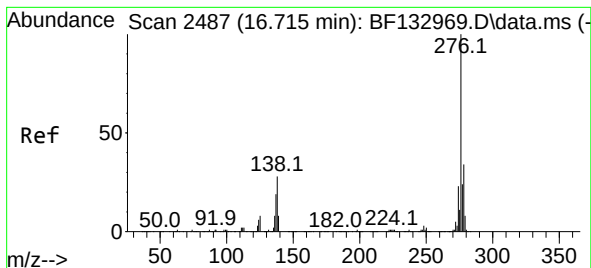
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.648 ng

RT: 16.686 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

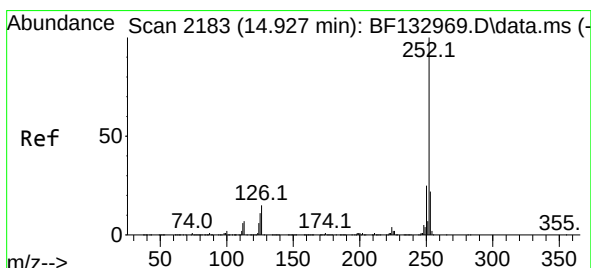
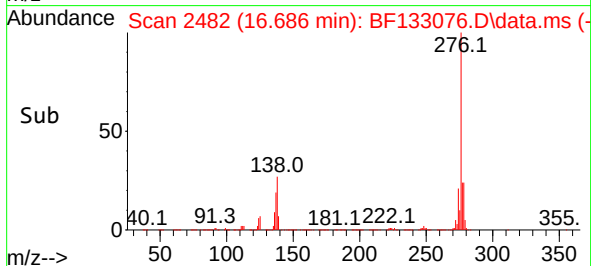
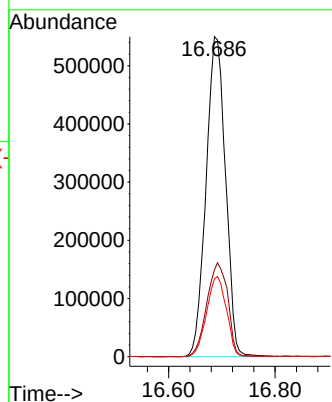
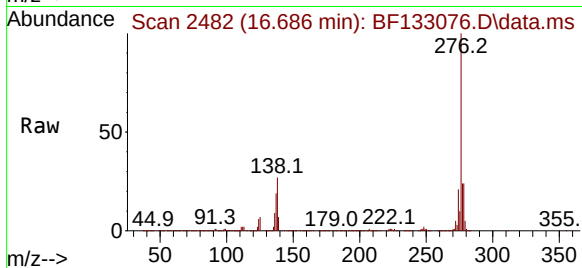
Tgt Ion:276 Resp: 1396326

Ion Ratio Lower Upper

276 100

138 31.5 25.5 38.3

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.853 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

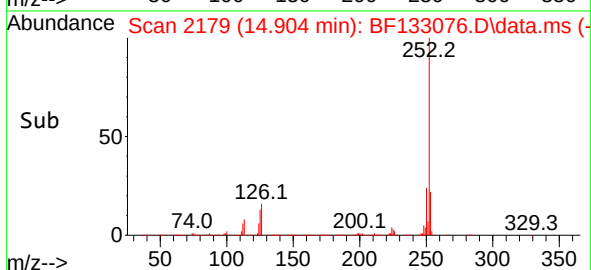
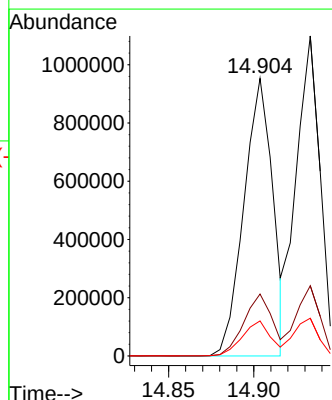
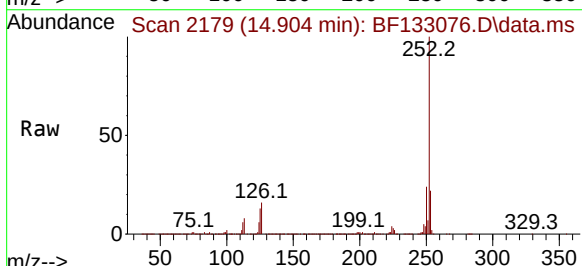
Tgt Ion:252 Resp: 1125074

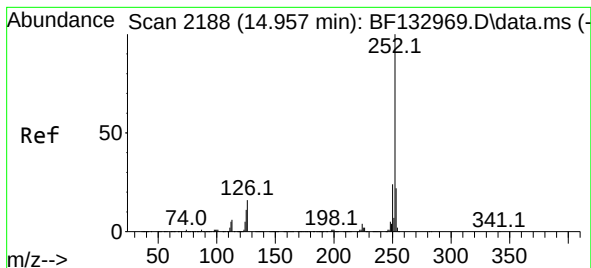
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 44.056 ng

RT: 14.933 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

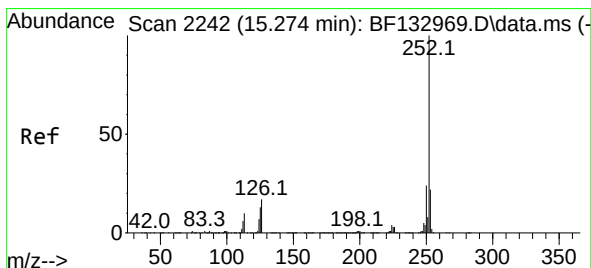
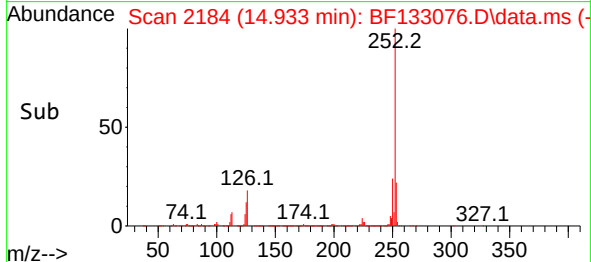
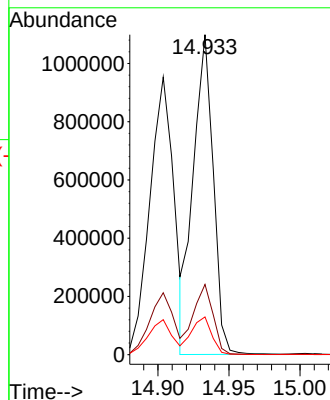
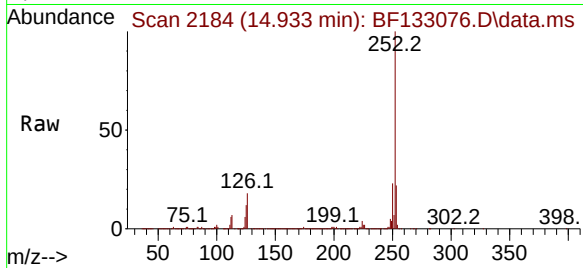
Tgt Ion:252 Resp: 1071550

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 44.965 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

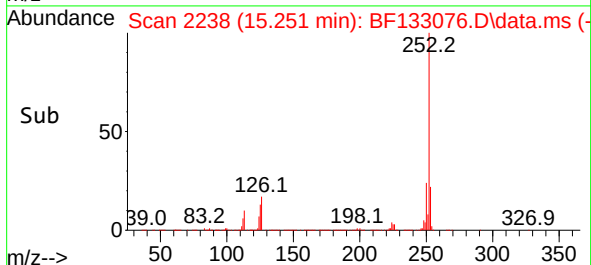
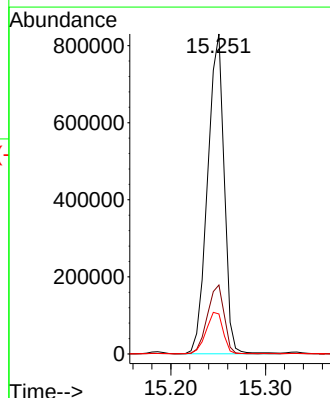
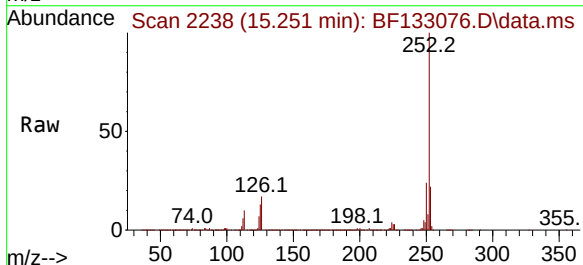
Tgt Ion:252 Resp: 1004220

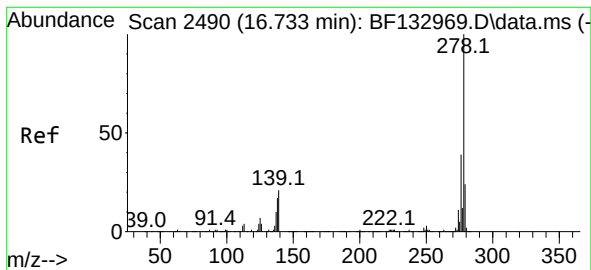
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 12.5 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 63.362 ng

RT: 16.709 min Scan# 2490

Delta R.T. 0.006 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

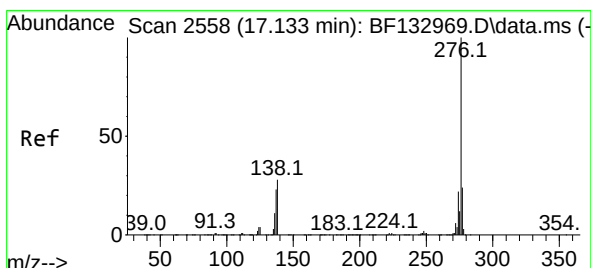
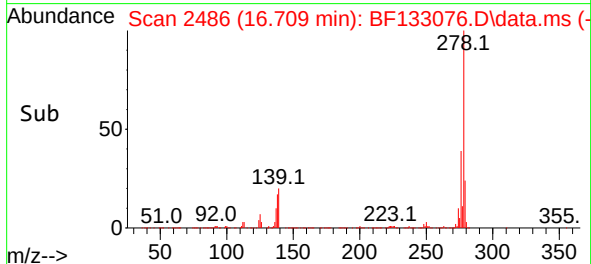
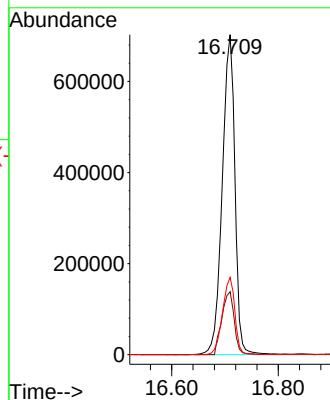
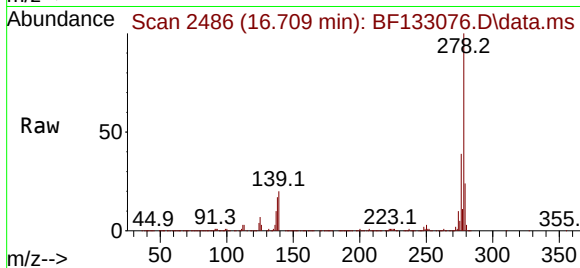
Tgt Ion:278 Resp: 1159369

Ion Ratio Lower Upper

278 100

139 19.7 16.6 24.8

279 24.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 62.299 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.012 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Tgt Ion:276 Resp: 1125400

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 26.5 22.7 34.1

