

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133389.D
 Acq On : 15 May 2023 18:20
 Operator : CG\JU
 Sample : 02774-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS

Quant Time: May 16 03:13:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	189055	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	763071	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	372146	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	615711	20.000	ng	0.00
76) Chrysene-d12	13.880	240	341359	20.000	ng	0.00
86) Perylene-d12	15.298	264	463011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1262540	100.881	ng	0.00
7) Phenol-d6	6.369	99	1524590	98.146	ng	0.00
23) Nitrobenzene-d5	7.286	82	947833	67.046	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	387094	103.428	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1650541	74.201	ng	0.00
79) Terphenyl-d14	12.821	244	1541658	77.890	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.375	88	192044	33.083	ng	Qvalue 96
3) Pyridine	3.075	79	525931	34.111	ng	94
4) n-Nitrosodimethylamine	3.034	42	305462	38.250	ng	93
6) Aniline	6.381	93	768233	38.398	ng	# 31
8) 2-Chlorophenol	6.504	128	623166	49.041	ng	97
9) Benzaldehyde	6.263	77	344320	54.108	ng	98
10) Phenol	6.381	94	724105	42.255	ng	# 69
11) bis(2-Chloroethyl)ether	6.457	93	578776	45.007	ng	97
12) 1,3-Dichlorobenzene	6.663	146	626263	46.356	ng	96
13) 1,4-Dichlorobenzene	6.739	146	633017	46.752	ng	96
14) 1,2-Dichlorobenzene	6.886	146	610328	48.894	ng	96
15) Benzyl Alcohol	6.869	79	505034	47.066	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	916015	41.012	ng	94
17) 2-Methylphenol	6.986	107	508376	43.692	ng	98
18) Hexachloroethane	7.228	117	219287	46.584	ng	92
19) n-Nitroso-di-n-propyla...	7.139	70	388044	40.126	ng	95
20) 3+4-Methylphenols	7.145	107	613739	44.790	ng	# 64
22) Acetophenone	7.133	105	813889	46.044	ng	95
24) Nitrobenzene	7.304	77	617549	43.109	ng	97
25) Isophorone	7.545	82	1144973	42.657	ng	99
26) 2-Nitrophenol	7.622	139	346653	50.170	ng	95
27) 2,4-Dimethylphenol	7.669	122	533416	45.022	ng	99
28) bis(2-Chloroethoxy)met...	7.757	93	701685	44.190	ng	99
29) 2,4-Dichlorophenol	7.869	162	506005	46.914	ng	100
30) 1,2,4-Trichlorobenzene	7.945	180	517019	46.270	ng	99
31) Naphthalene	8.028	128	1696139	44.458	ng	100
32) Benzoic acid	7.798	122	245766	33.582	ng	98
33) 4-Chloroaniline	8.081	127	582163	37.767	ng	99
34) Hexachlorobutadiene	8.145	225	280858	45.350	ng	99
35) Caprolactam	8.451	113	116963	32.281	ng	92
36) 4-Chloro-3-methylphenol	8.569	107	526239	45.244	ng	96
37) 2-Methylnaphthalene	8.716	142	1117711	42.852	ng	98
38) 1-Methylnaphthalene	8.816	142	1048407	42.967	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	468742	46.846	ng	99
41) Hexachlorocyclopentadiene	8.875	237	446681	76.545	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	326699	47.212	ng	98

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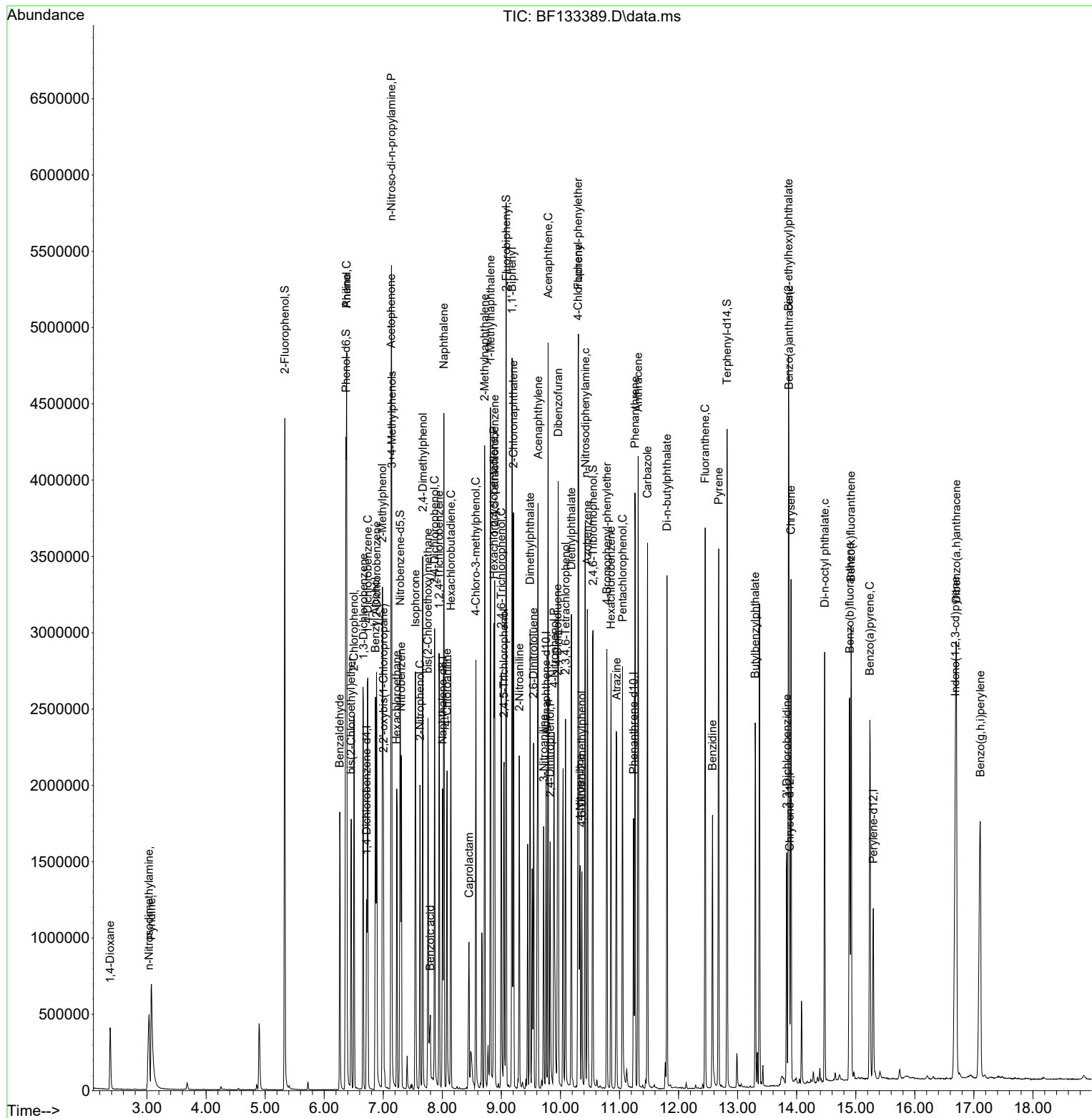
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	351982	43.981	ng	96
46) 1,1'-Biphenyl	9.180	154	1401132	47.481	ng	99
47) 2-Chloronaphthalene	9.204	162	1062055	49.171	ng	99
48) 2-Nitroaniline	9.304	65	323099	45.262	ng	97
49) Acenaphthylene	9.622	152	1592617	46.147	ng	99
50) Dimethylphthalate	9.486	163	1189932	45.856	ng	99
51) 2,6-Dinitrotoluene	9.545	165	278564	47.696	ng	97
52) Acenaphthene	9.792	154	978972	42.353	ng	99
53) 3-Nitroaniline	9.716	138	259147	37.317	ng	97
54) 2,4-Dinitrophenol	9.827	184	215323	73.346	ng	97
55) Dibenzofuran	9.963	168	1410529	44.736	ng	98
56) 4-Nitrophenol	9.892	139	407896	75.837	ng	94
57) 2,4-Dinitrotoluene	9.951	165	343618	46.134	ng	96
58) Fluorene	10.304	166	1057986	45.800	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	275081	44.337	ng	99
60) Diethylphthalate	10.186	149	1093928	44.631	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	512937	45.565	ng	98
62) 4-Nitroaniline	10.333	138	293013	45.908	ng	93
63) Azobenzene	10.457	77	1147760	44.204	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	179348	48.057	ng	88
66) n-Nitrosodiphenylamine	10.422	169	951741	47.654	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	316991	47.470	ng	96
68) Hexachlorobenzene	10.857	284	338256	49.434	ng	99
69) Atrazine	10.951	200	305058	53.009	ng	98
70) Pentachlorophenol	11.051	266	321782	66.030	ng	98
71) Phenanthrene	11.263	178	1513259	45.728	ng	100
72) Anthracene	11.316	178	1558688	46.024	ng	100
73) Carbazole	11.474	167	1344190	44.575	ng	98
74) Di-n-butylphthalate	11.804	149	1571726	46.056	ng	100
75) Fluoranthene	12.451	202	1385106	41.705	ng	99
77) Benzidine	12.574	184	678415	117.524	ng	# 93
78) Pyrene	12.680	202	1392319	47.581	ng	100
80) Butylbenzylphthalate	13.298	149	543041	52.412	ng	95
81) Benzo(a)anthracene	13.868	228	1063299	45.297	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	347775	53.629	ng	99
83) Chrysene	13.904	228	1066232	45.433	ng	99
84) Bis(2-ethylhexyl)phtha...	13.862	149	652193	50.149	ng	99
85) Di-n-octyl phthalate	14.474	149	1264742	59.643	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1587459	60.275	ng	99
88) Benzo(b)fluoranthene	14.898	252	1289152	43.765	ng	99
89) Benzo(k)fluoranthene	14.921	252	1154060	39.523	ng	98
90) Benzo(a)pyrene	15.239	252	1146736	42.771	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	1315546	59.889	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1358412	62.639	ng	97

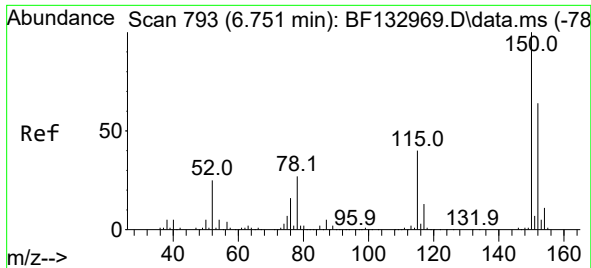
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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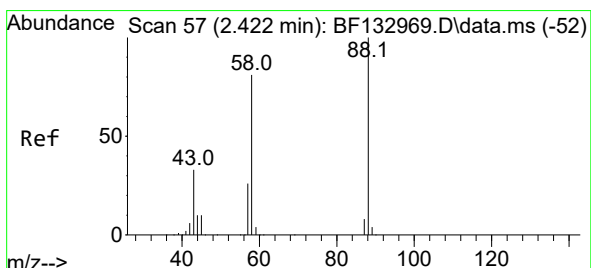
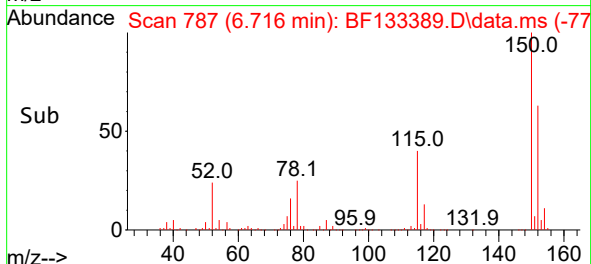
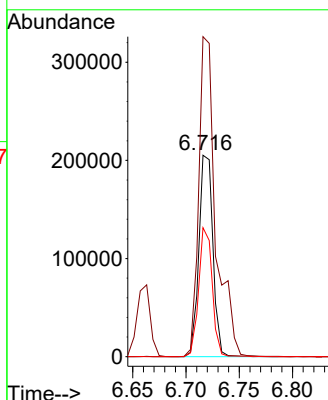
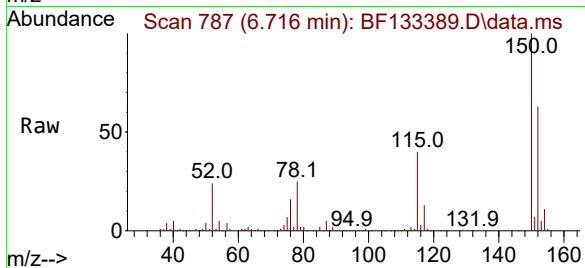




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

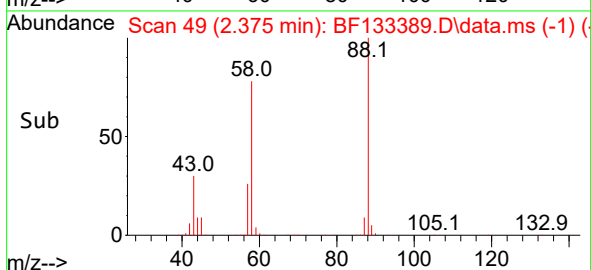
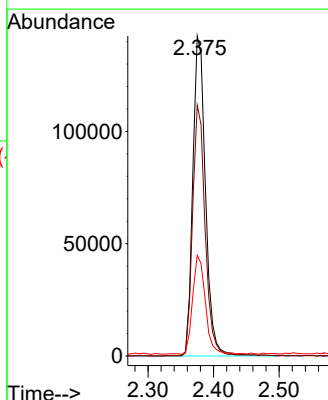
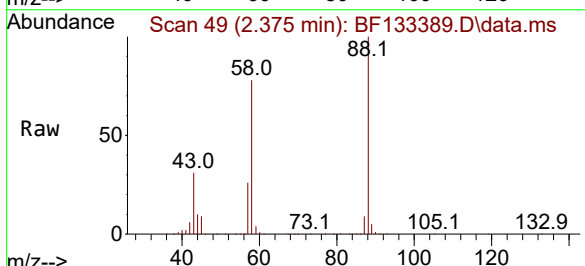
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

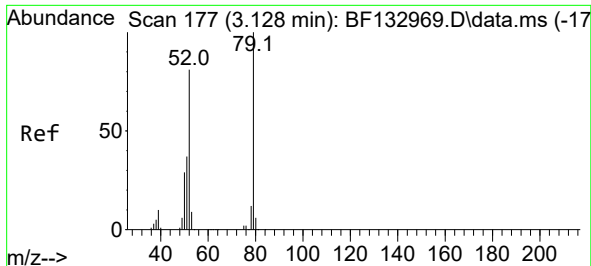
Tgt Ion:152 Resp: 189055
Ion Ratio Lower Upper
152 100
150 158.8 124.8 187.2
115 64.0 49.9 74.9



#2
1,4-Dioxane
Concen: 33.083 ng
RT: 2.375 min Scan# 49
Delta R.T. 0.012 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion: 88 Resp: 192044
Ion Ratio Lower Upper
88 100
58 76.8 64.7 97.1
43 30.5 26.2 39.2





#3

Pyridine

Concen: 34.111 ng

RT: 3.075 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

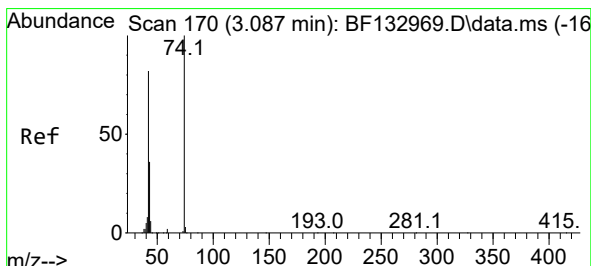
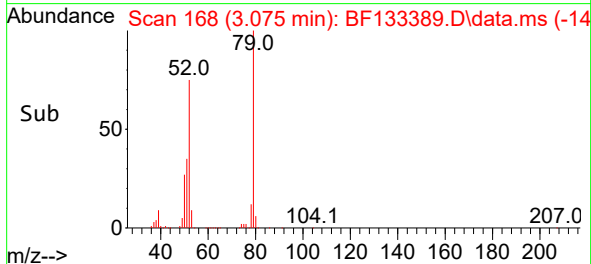
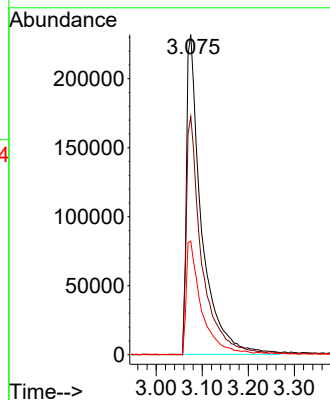
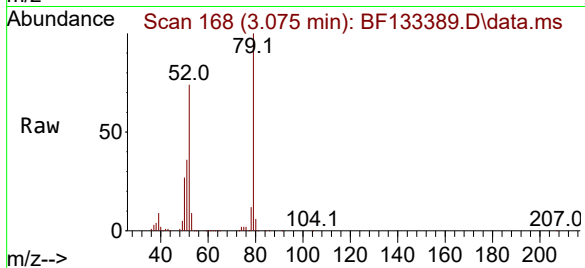
Tgt Ion: 79 Resp: 525931

Ion Ratio Lower Upper

79 100

52 74.4 64.6 96.8

51 35.5 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 38.250 ng

RT: 3.034 min Scan# 161

Delta R.T. 0.012 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

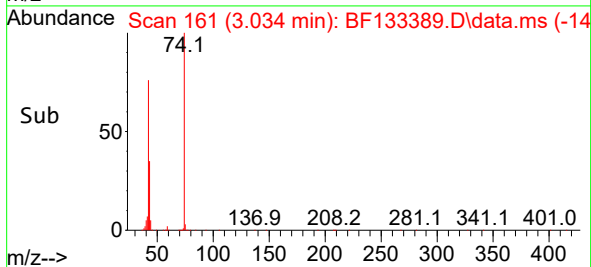
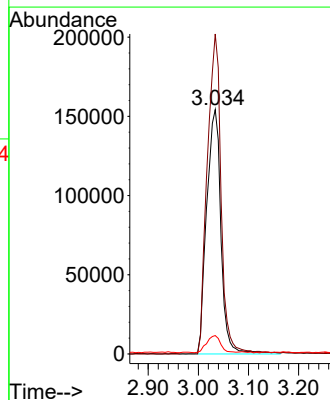
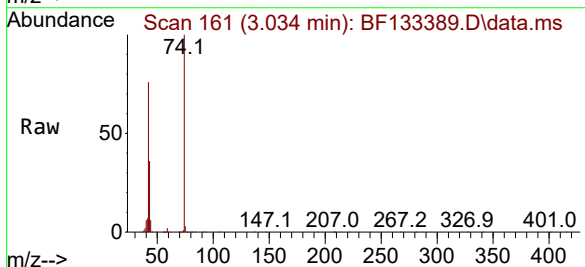
Tgt Ion: 42 Resp: 305462

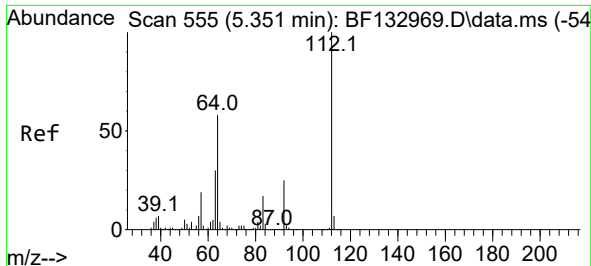
Ion Ratio Lower Upper

42 100

74 131.0 98.0 147.0

44 7.5 5.8 8.8

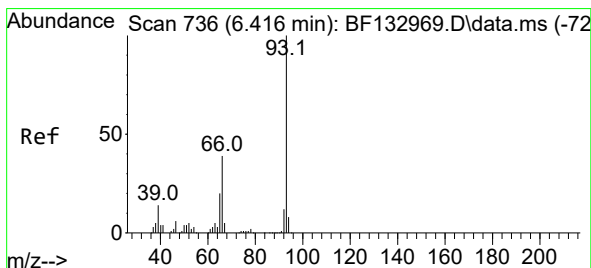
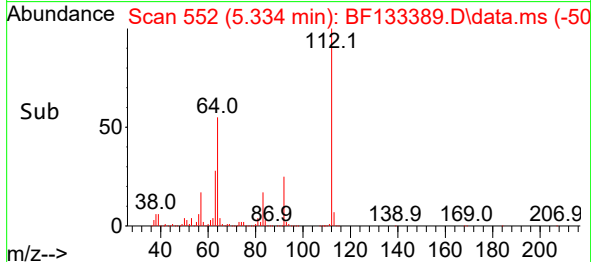
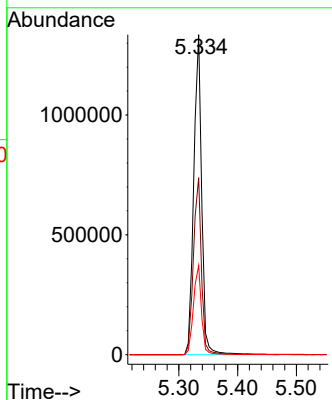
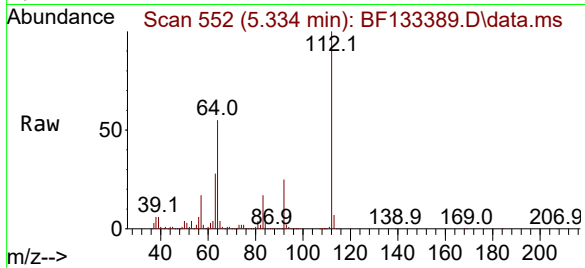




#5
2-Fluorophenol
Concen: 100.881 ng
RT: 5.334 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

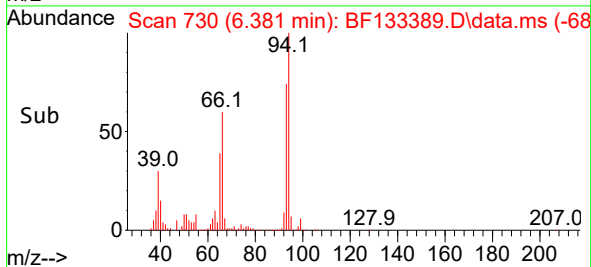
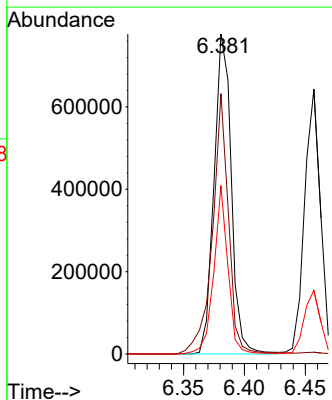
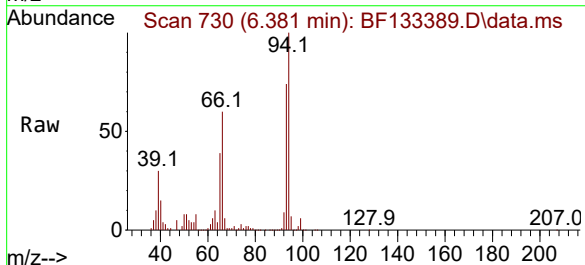
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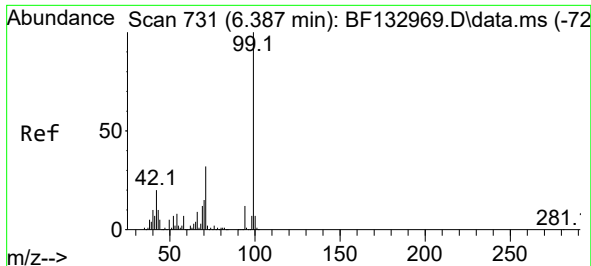
Tgt Ion:112 Resp: 1262540
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 27.9 23.8 35.8



#6
Aniline
Concen: 38.398 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion: 93 Resp: 768233
Ion Ratio Lower Upper
93 100
66 81.3 31.5 47.3#
65 52.7 16.4 24.6#





#7

Phenol-d6

Concen: 98.146 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

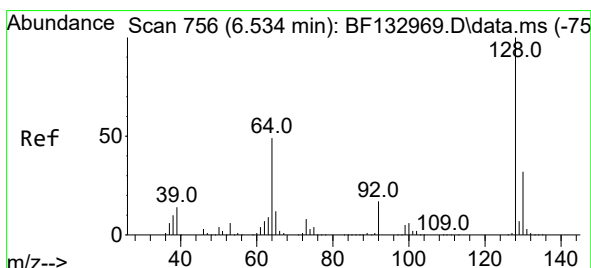
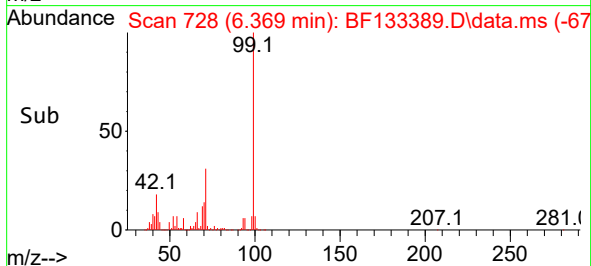
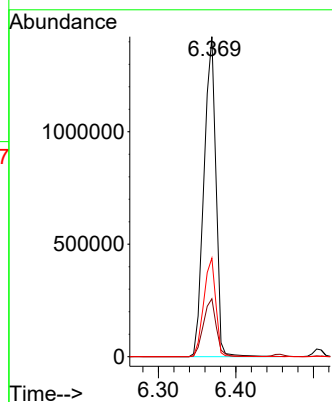
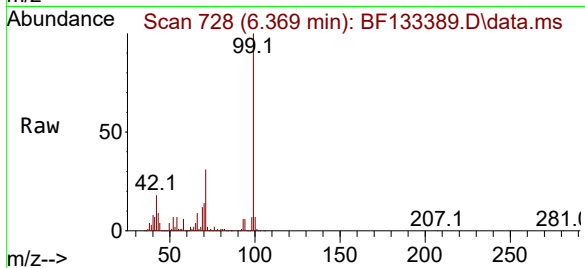
Tgt Ion: 99 Resp: 1524590

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

71 30.8 25.6 38.4



#8

2-Chlorophenol

Concen: 49.041 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

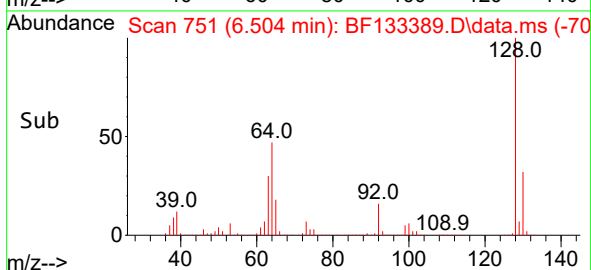
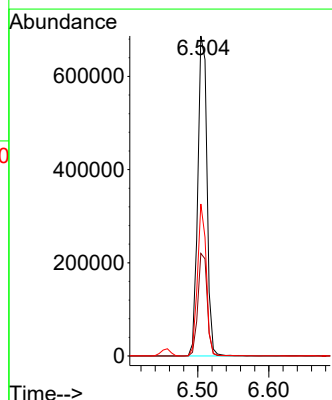
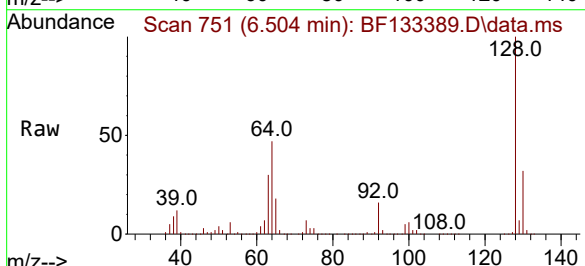
Tgt Ion:128 Resp: 623166

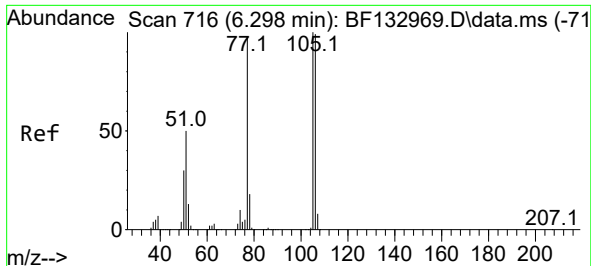
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 47.5 30.3 70.3

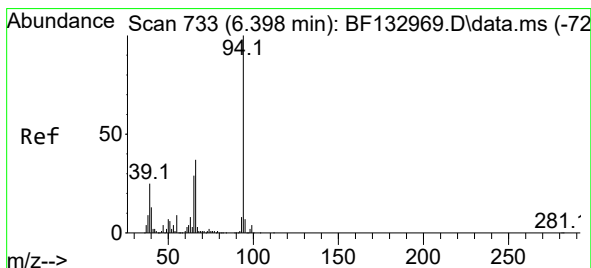
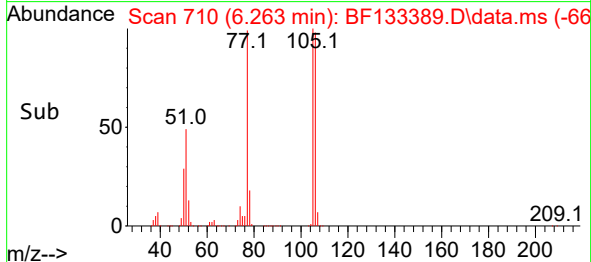
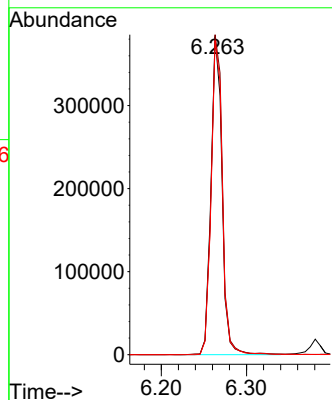
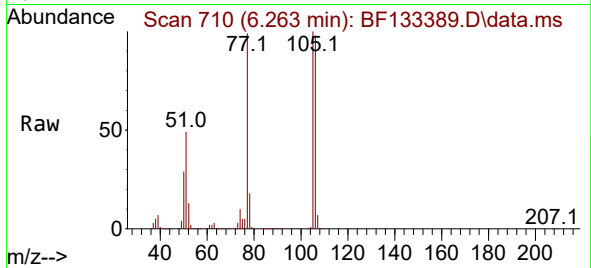




#9
Benzaldehyde
Concen: 54.108 ng
RT: 6.263 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133389.D
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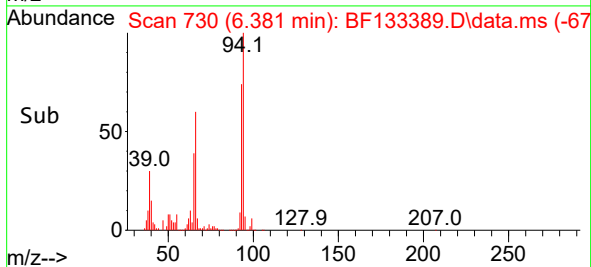
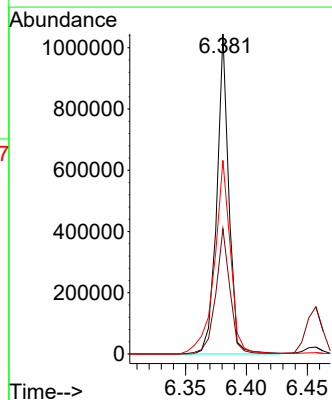
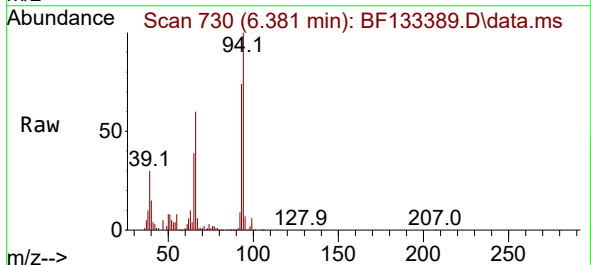
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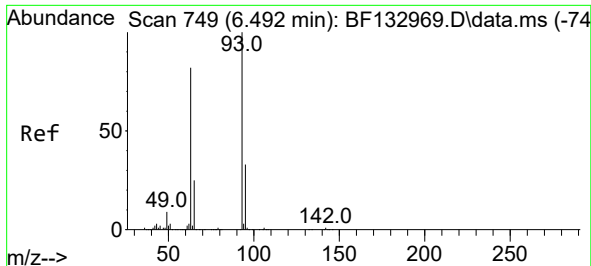
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Ion Ratio Lower Upper
77 100
105 100.5 82.3 122.3
106 98.7 80.8 120.8



#10
Phenol
Concen: 42.255 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion: 94 Resp: 724105
Ion Ratio Lower Upper
94 100
65 39.2 8.6 48.6
66 60.5 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 45.007 ng

RT: 6.457 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

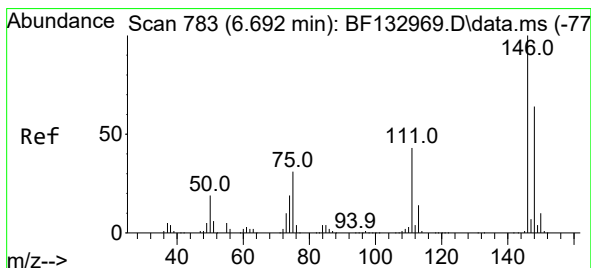
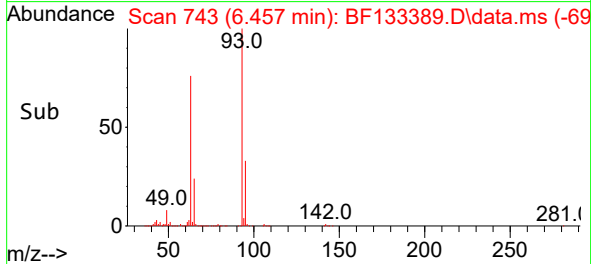
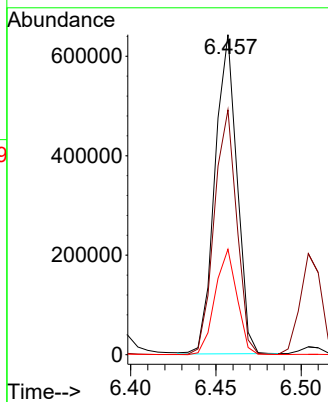
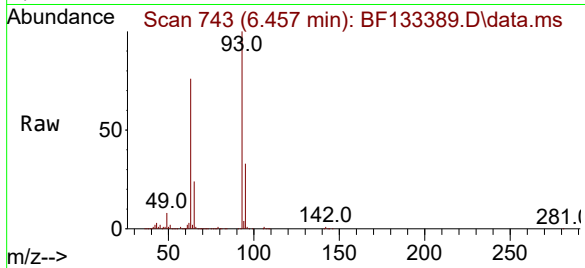
Tgt Ion: 93 Resp: 578776

Ion Ratio Lower Upper

93 100

63 76.5 60.6 100.6

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.356 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

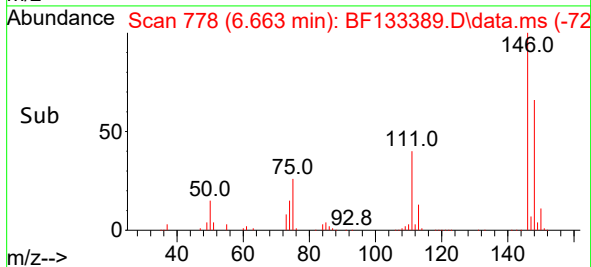
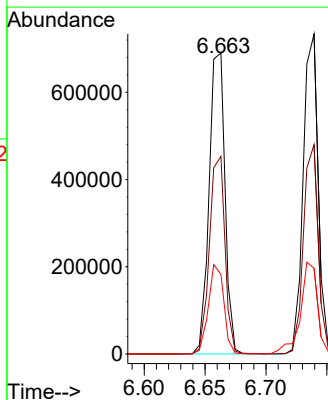
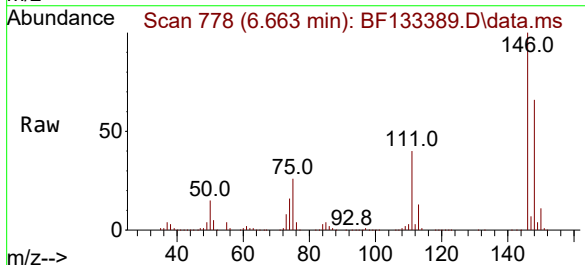
Tgt Ion:146 Resp: 626263

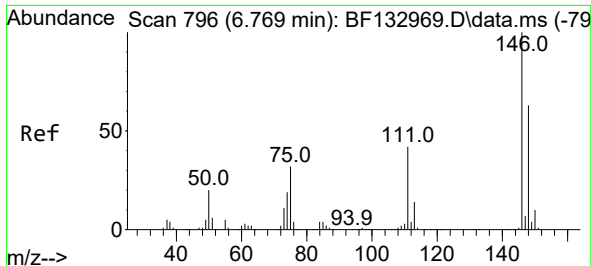
Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.4

75 26.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.752 ng

RT: 6.739 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

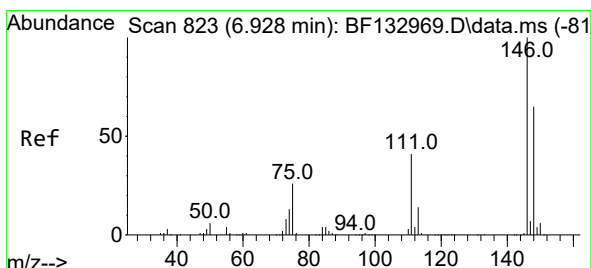
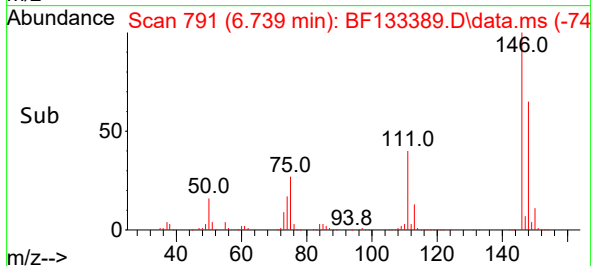
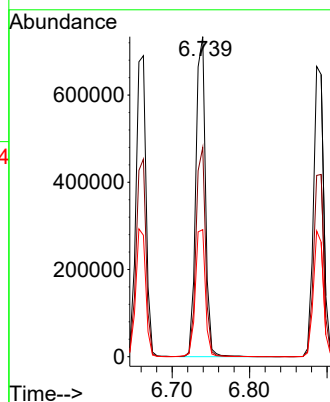
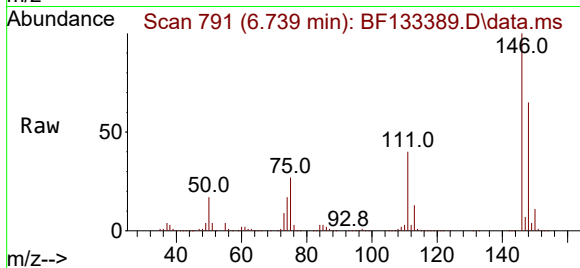
Tgt Ion:146 Resp: 633017

Ion Ratio Lower Upper

146 100

148 65.4 50.3 75.5

111 39.7 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.894 ng

RT: 6.886 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

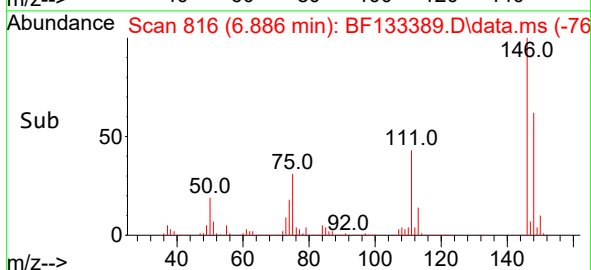
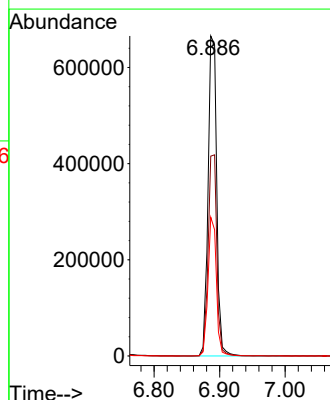
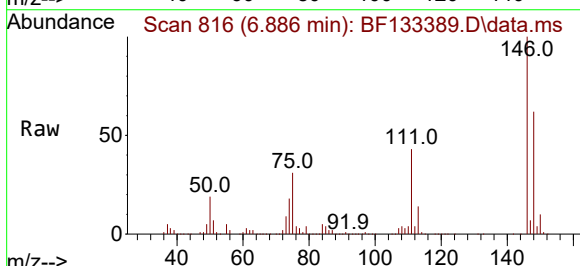
Tgt Ion:146 Resp: 610328

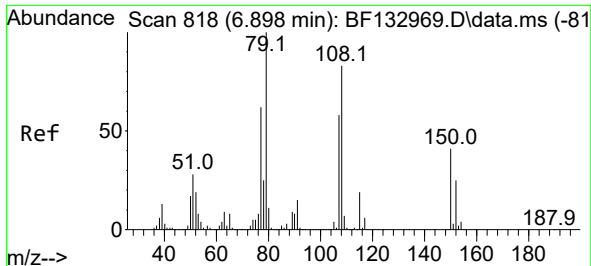
Ion Ratio Lower Upper

146 100

148 62.5 52.2 78.2

111 43.4 32.8 49.2

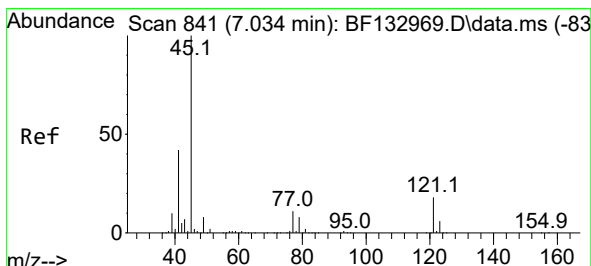
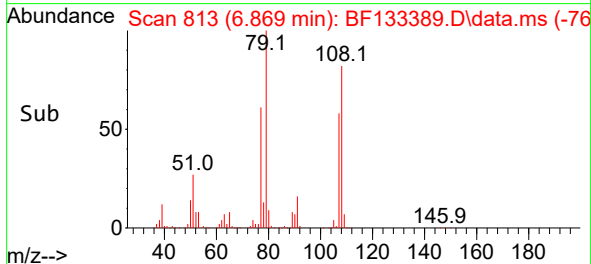
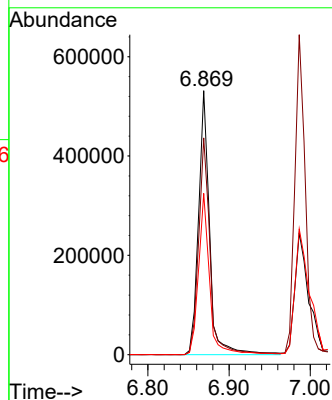
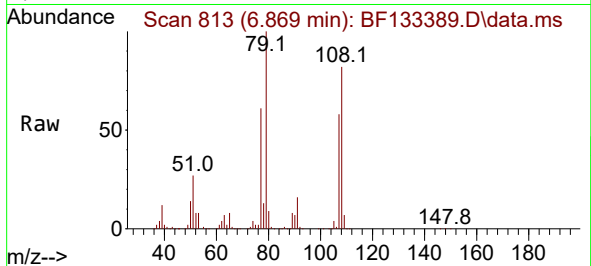




#15
Benzyl Alcohol
Concen: 47.066 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

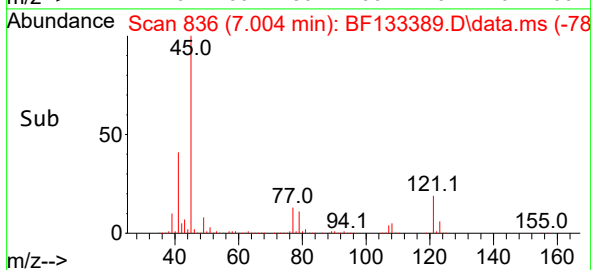
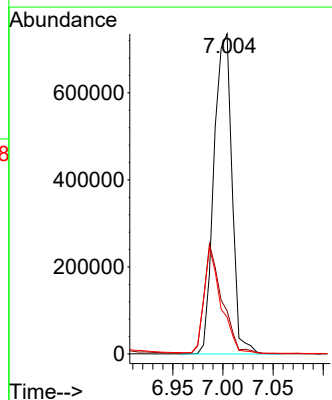
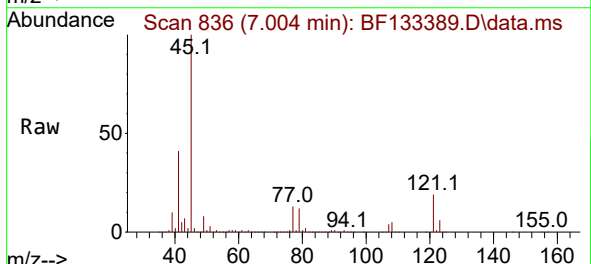
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

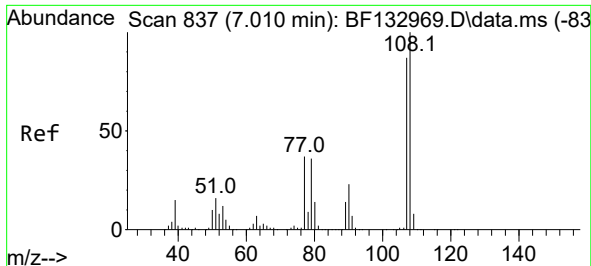
Tgt Ion: 79 Resp: 505034
Ion Ratio Lower Upper
79 100
108 82.1 66.6 99.8
77 61.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.012 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion: 45 Resp: 916015
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.5
79 11.5 0.0 28.7

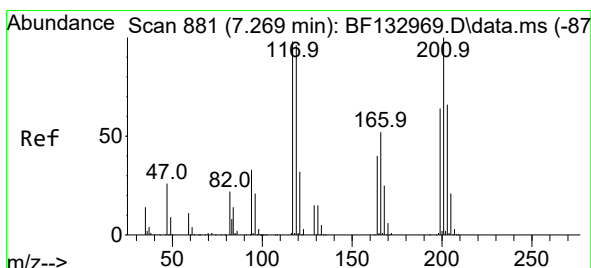
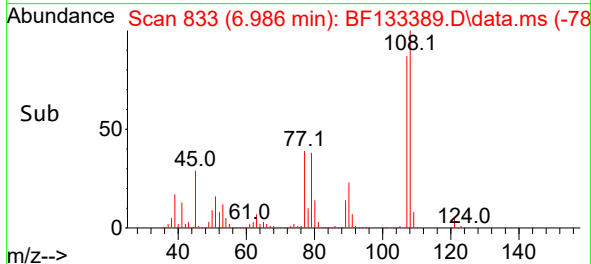
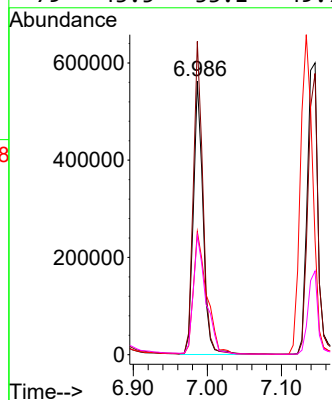
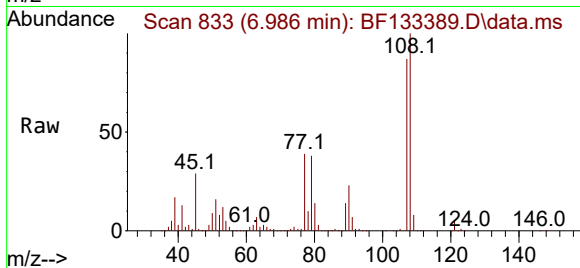




#17
2-Methylphenol
Concen: 43.692 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

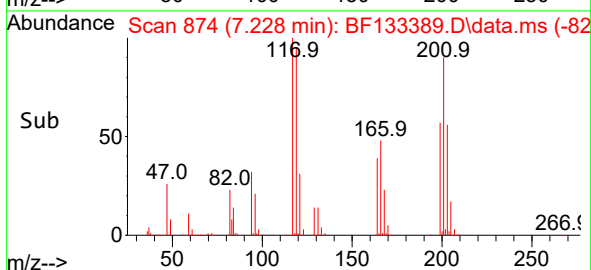
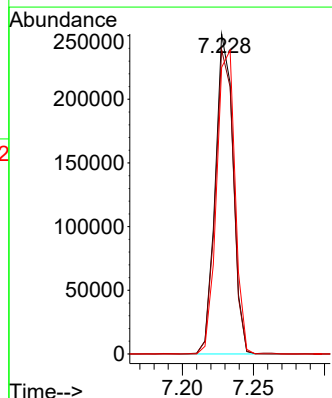
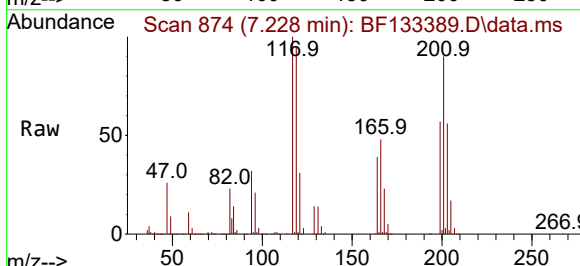
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

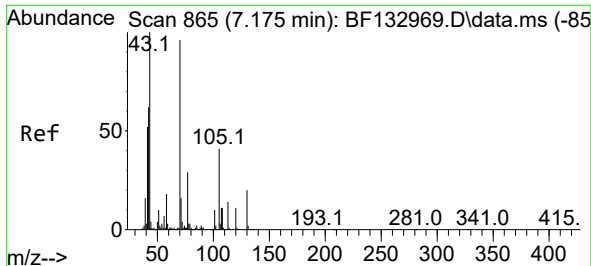
Tgt Ion:	107	Resp:	508376
Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.4	138.6
77	45.0	33.8	50.8
79	43.5	33.1	49.7



#18
Hexachloroethane
Concen: 46.584 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:	117	Resp:	219287
Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.2	117.4
201	89.6	81.7	122.5

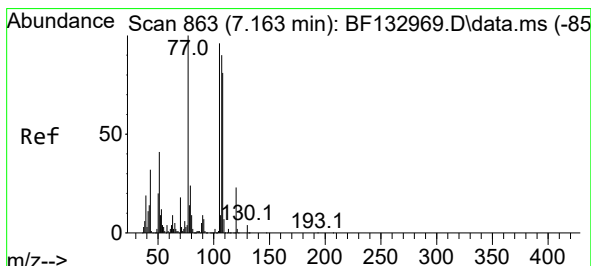
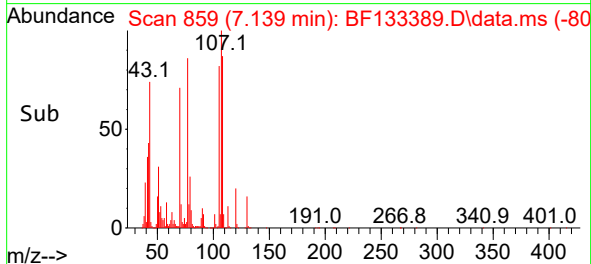
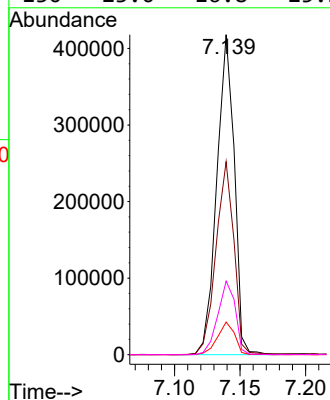
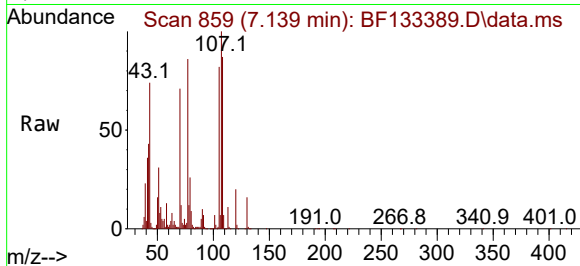




#19
n-Nitroso-di-n-propylamine
Concen: 40.126 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

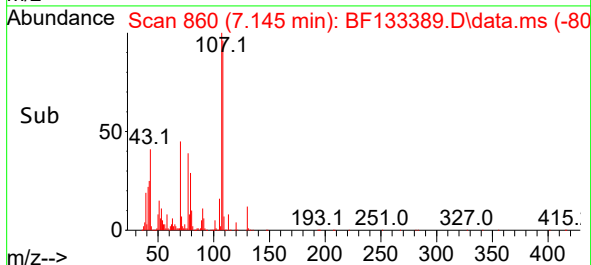
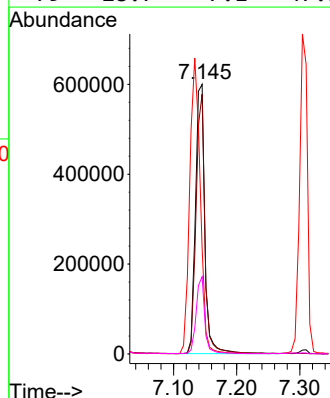
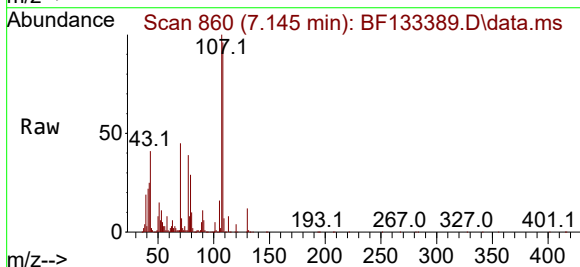
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

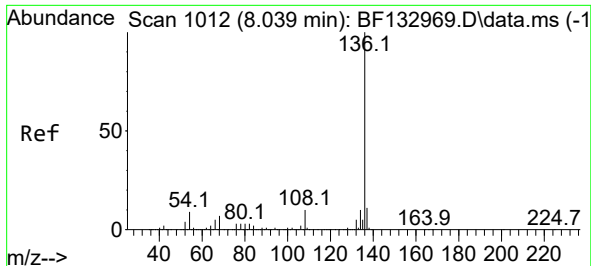
Tgt Ion: 70 Resp: 388044
Ion Ratio Lower Upper
70 100
42 60.3 51.8 77.6
101 10.2 8.0 12.0
130 23.0 16.8 25.2



#20
3+4-Methylphenols
Concen: 44.790 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion: 107 Resp: 613739
Ion Ratio Lower Upper
107 100
108 96.4 70.5 110.5
77 39.2 91.7 131.7#
79 28.7 7.1 47.1



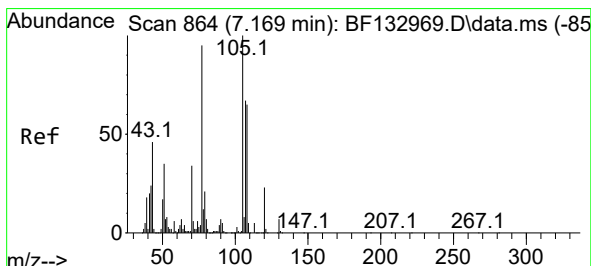
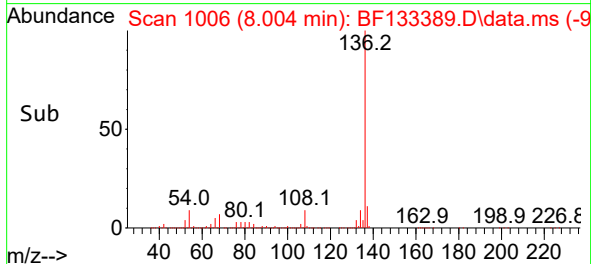
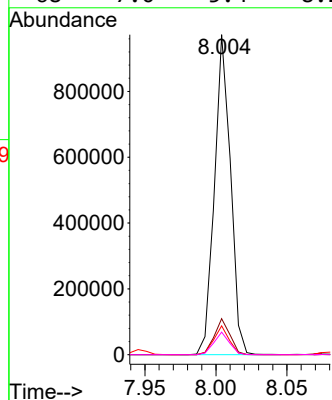
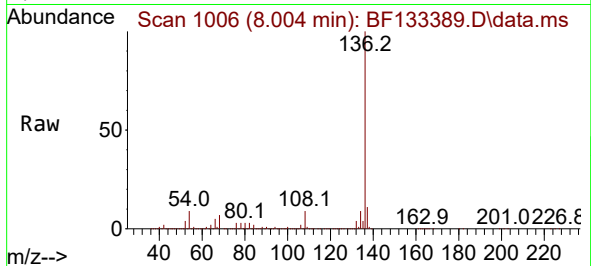


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

Tgt Ion:136 Resp: 763071

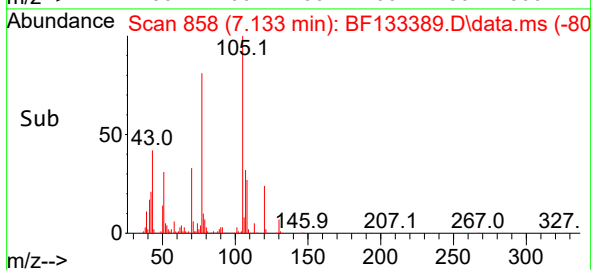
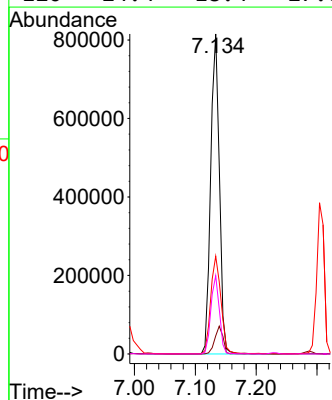
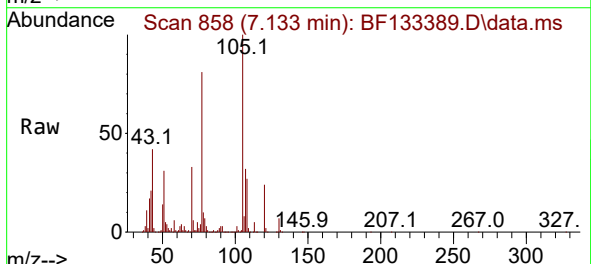
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.0	7.0	10.4
68	7.0	5.4	8.2

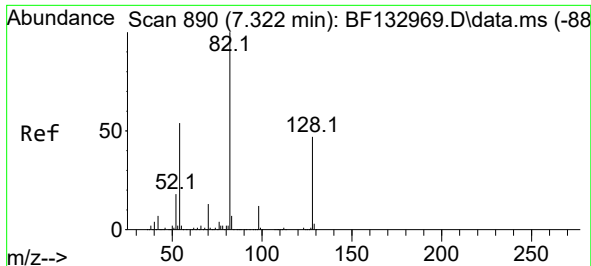


#22
Acetophenone
Concen: 46.044 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:105 Resp: 813889

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.6	7.0
51	30.6	28.2	42.2
120	24.4	18.4	27.6





#23

Nitrobenzene-d5

Concen: 67.046 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

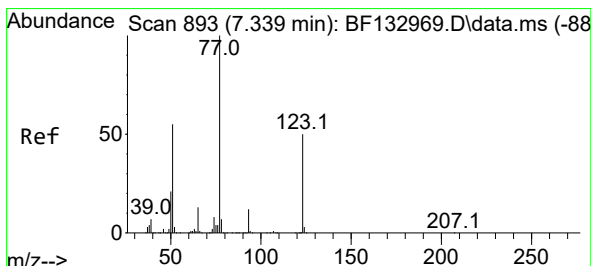
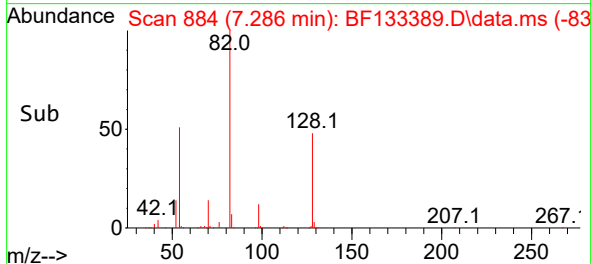
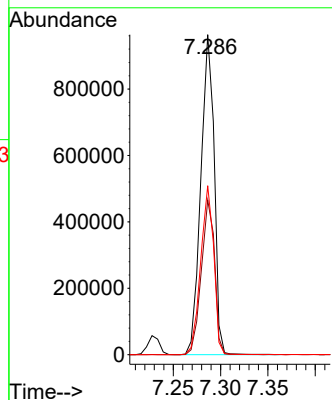
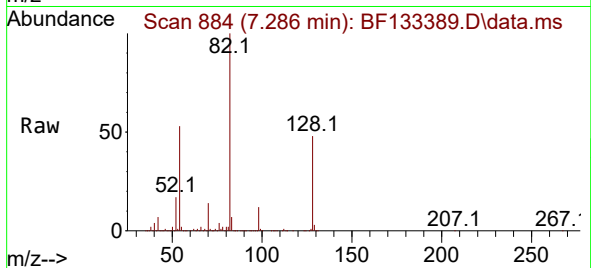
Tgt Ion: 82 Resp: 947833

Ion Ratio Lower Upper

82 100

128 48.3 37.7 56.5

54 52.8 43.0 64.4



#24

Nitrobenzene

Concen: 43.109 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

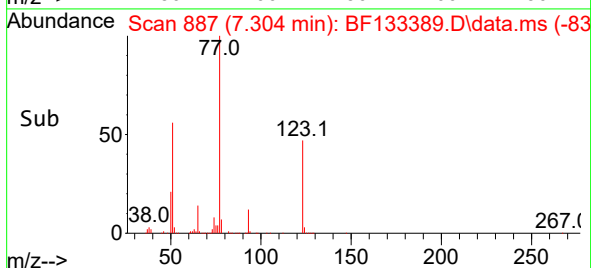
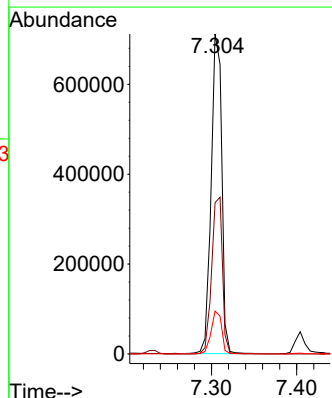
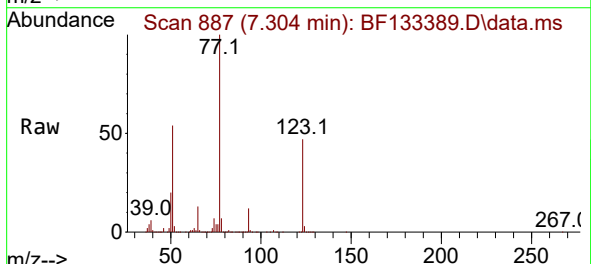
Tgt Ion: 77 Resp: 617549

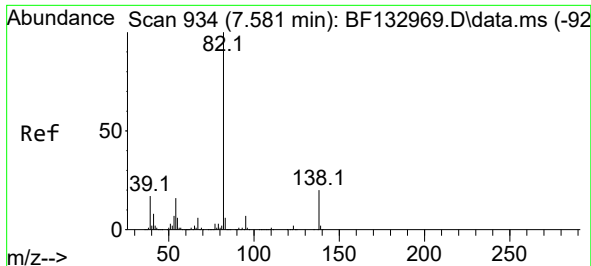
Ion Ratio Lower Upper

77 100

123 47.3 39.9 59.9

65 13.4 10.7 16.1

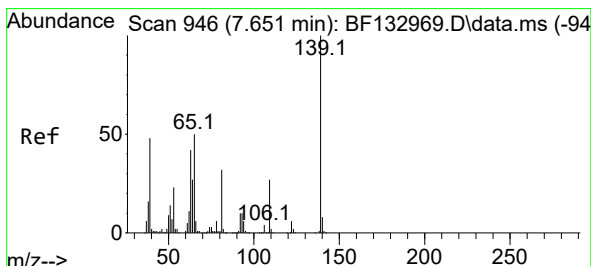
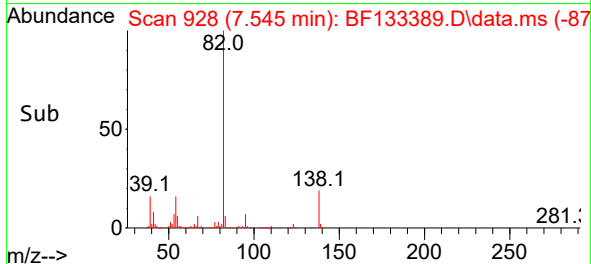
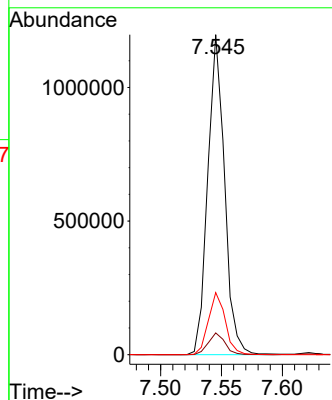
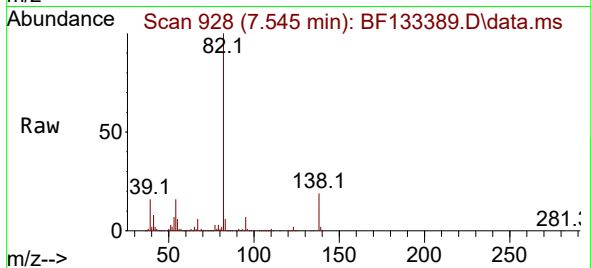




#25
Isophorone
Concen: 42.657 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

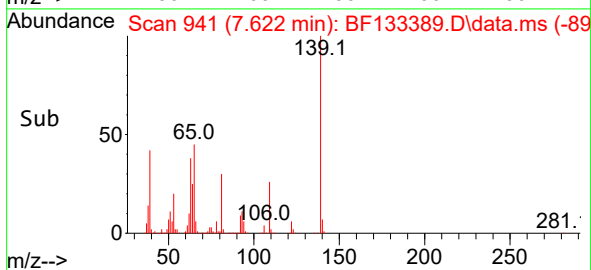
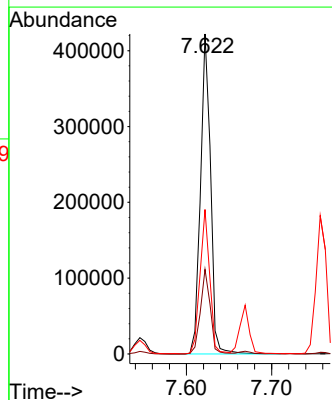
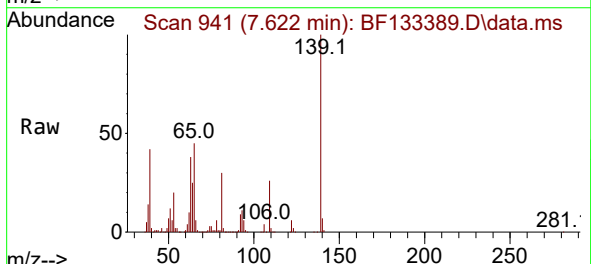
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

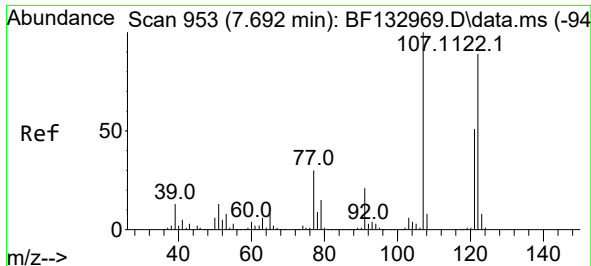
Tgt Ion: 82 Resp: 1144973
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.4 16.0 24.0



#26
2-Nitrophenol
Concen: 50.170 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion: 139 Resp: 346653
Ion Ratio Lower Upper
139 100
109 26.4 21.6 32.4
65 45.2 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.022 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

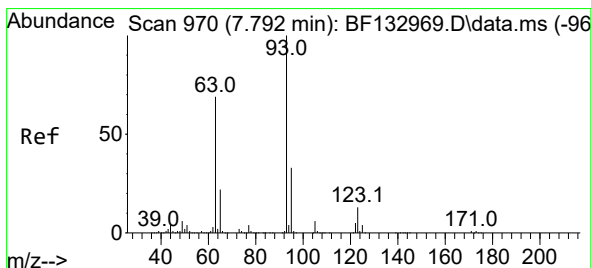
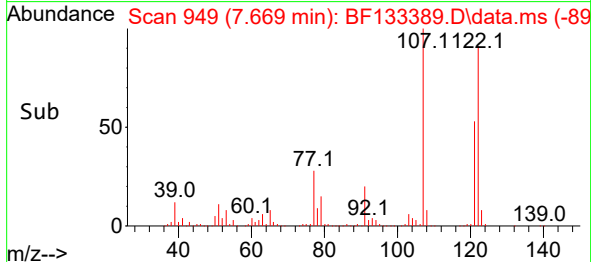
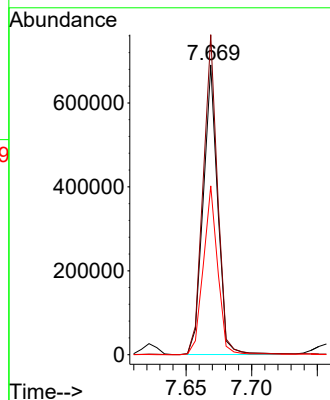
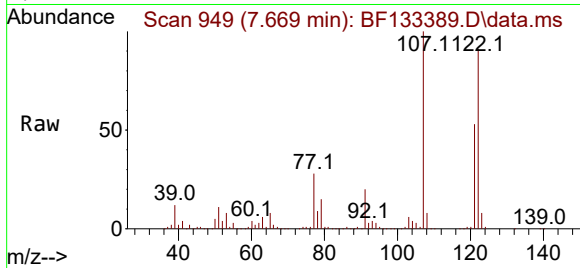
Tgt Ion:122 Resp: 533416

Ion Ratio Lower Upper

122 100

107 110.4 89.7 134.5

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.190 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

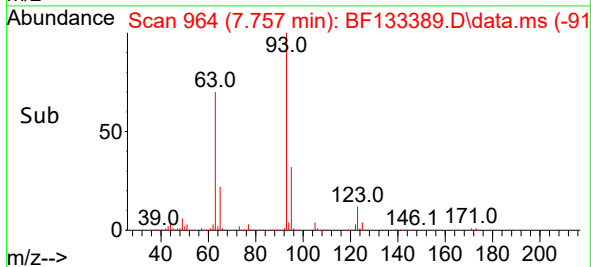
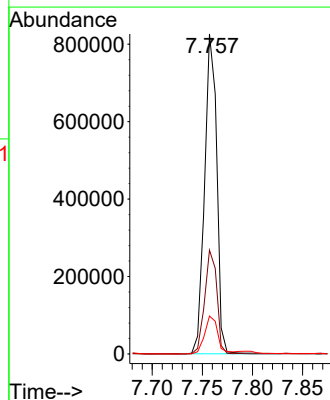
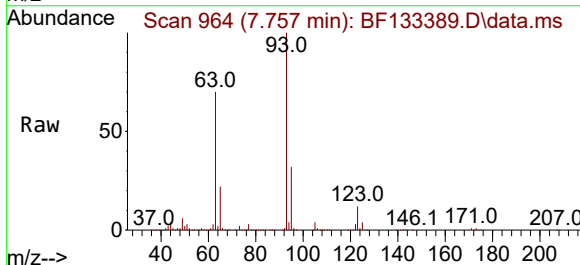
Tgt Ion: 93 Resp: 701685

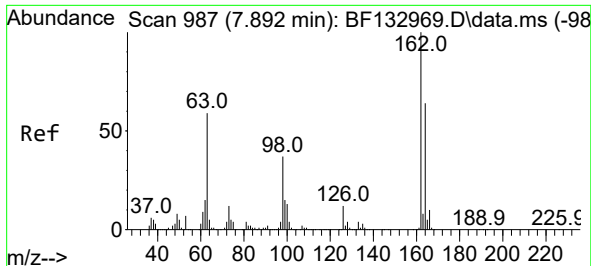
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 11.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.914 ng

RT: 7.869 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

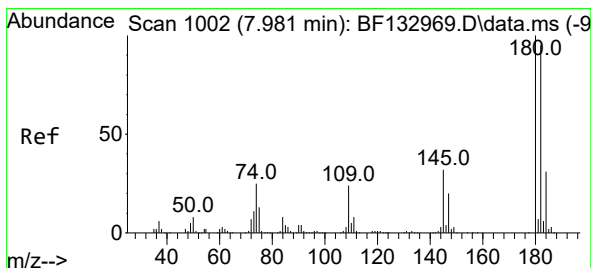
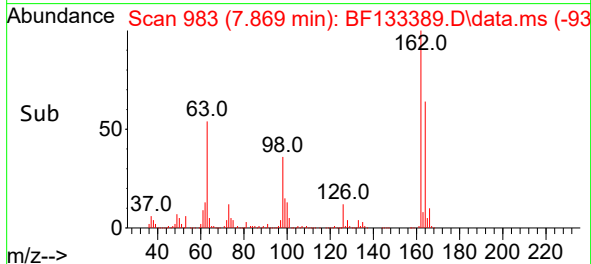
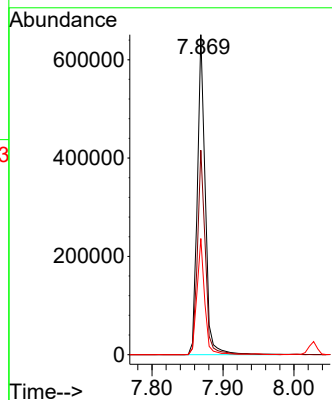
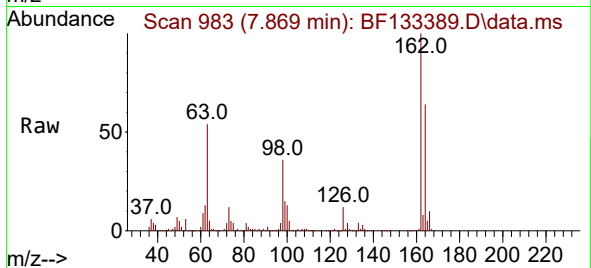
Tgt Ion:162 Resp: 506005

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 36.3 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 46.270 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

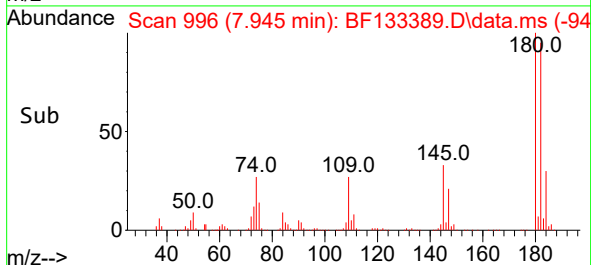
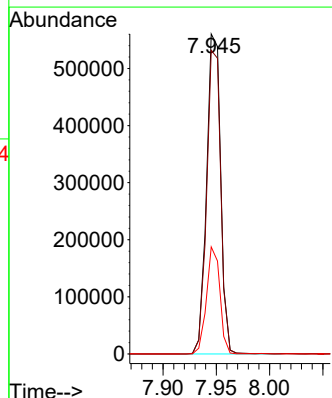
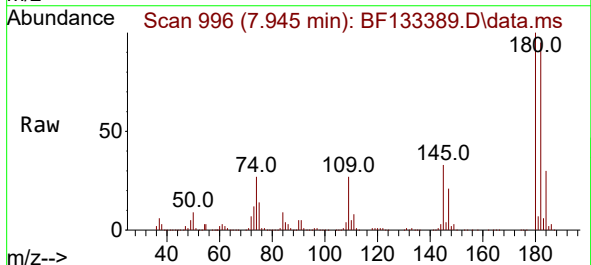
Tgt Ion:180 Resp: 517019

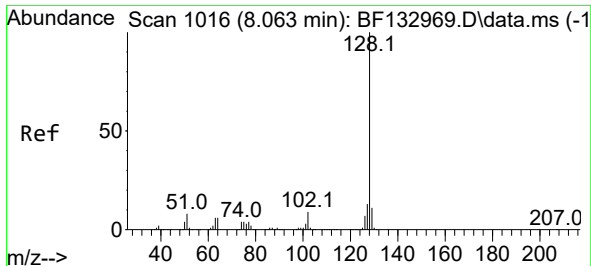
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 33.4 25.3 37.9

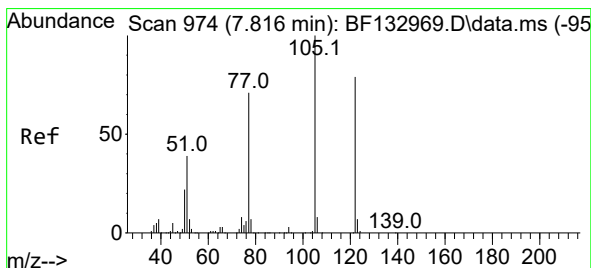
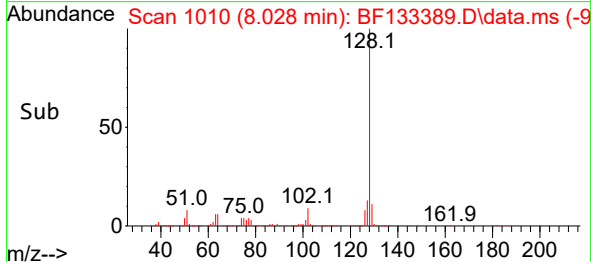
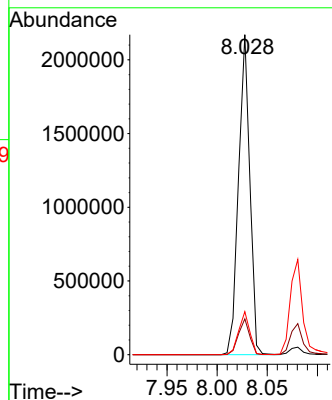
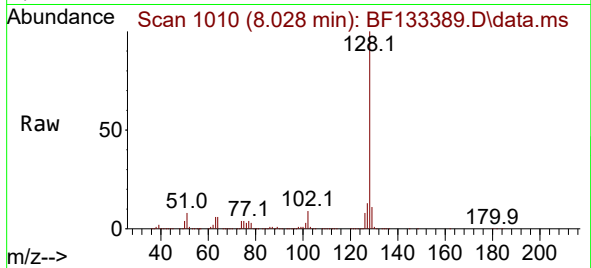




#31
Naphthalene
Concen: 44.458 ng
RT: 8.028 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

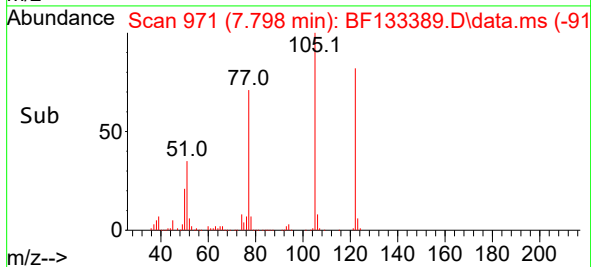
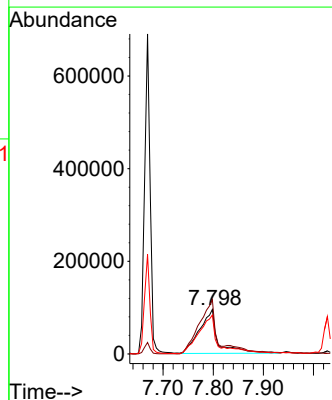
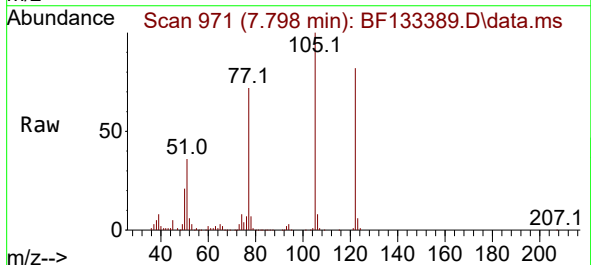
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

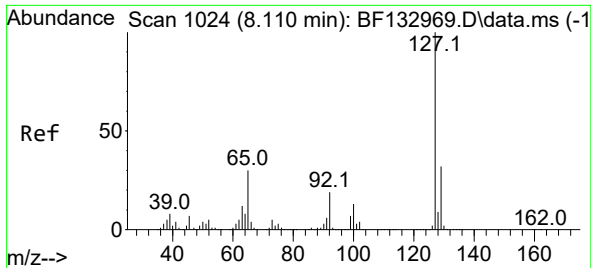
Tgt Ion:128 Resp: 1696139
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 33.582 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:122 Resp: 245766
Ion Ratio Lower Upper
122 100
105 122.1 104.2 144.2
77 87.5 69.7 109.7

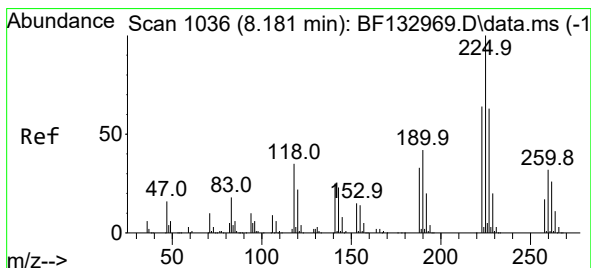
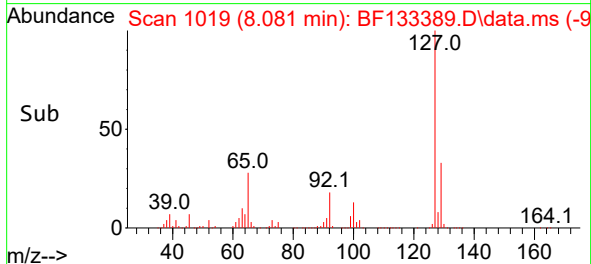
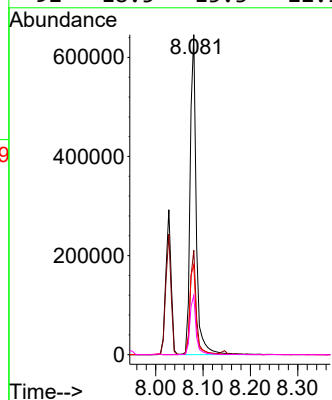
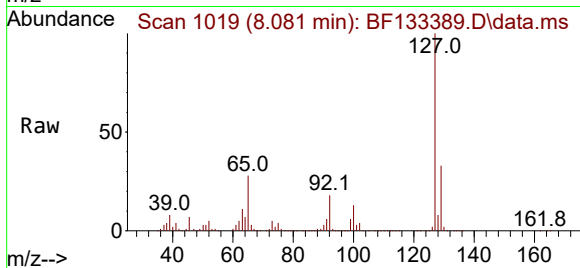




#33
4-Chloroaniline
Concen: 37.767 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

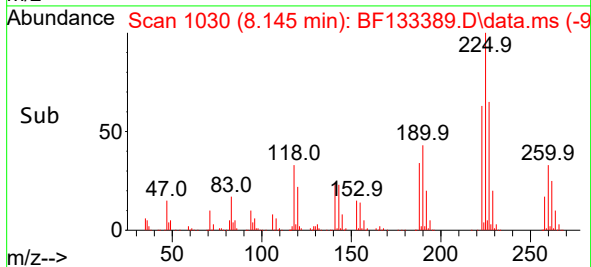
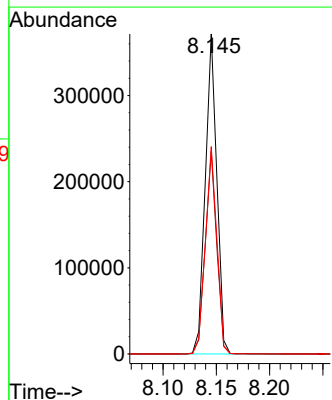
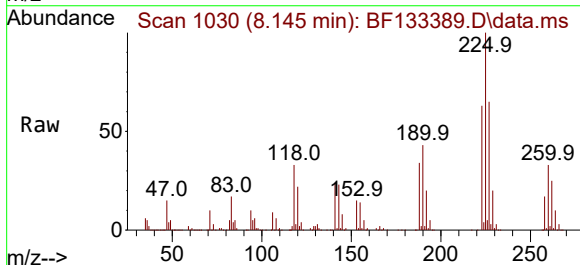
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

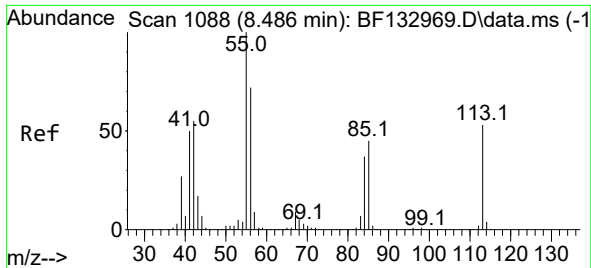
Tgt Ion:	127	Resp:	582163
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	28.1	23.6	35.4
92	18.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.350 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:	225	Resp:	280858
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	64.8	50.3	75.5

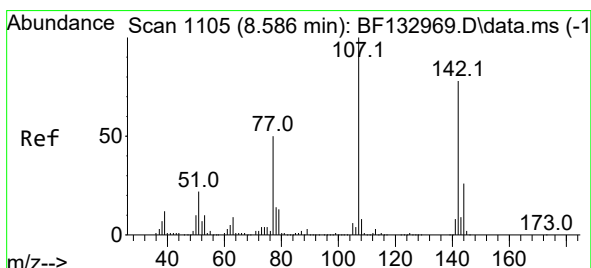
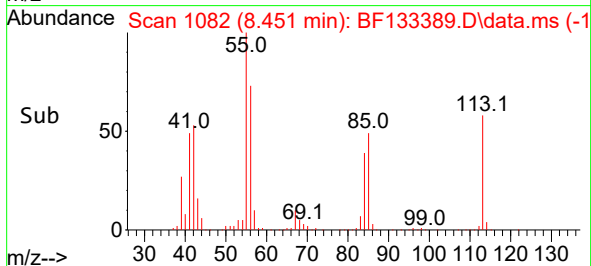
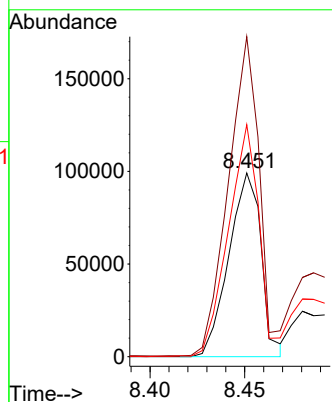
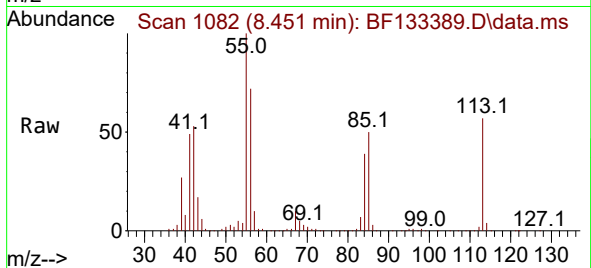




#35
 Caprolactam
 Concen: 32.281 ng
 RT: 8.451 min Scan# 1082
 Delta R.T. -0.006 min
 Lab File: BF133389.D
 Acq: 15 May 2023 18:20

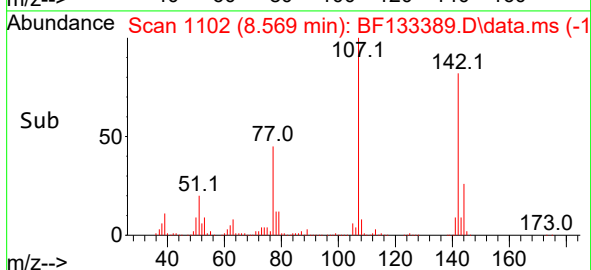
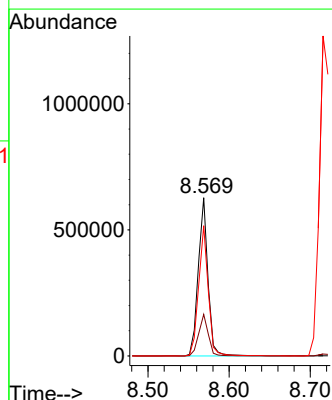
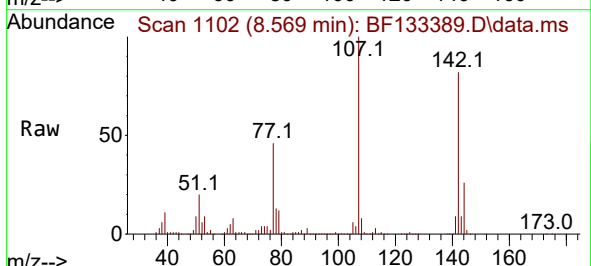
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS

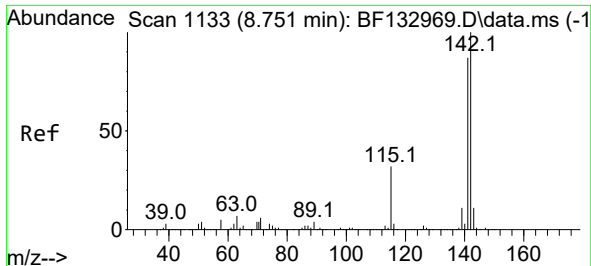
Tgt Ion:113 Resp: 116963
 Ion Ratio Lower Upper
 113 100
 55 174.1 167.1 207.1
 56 126.3 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.244 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: BF133389.D
 Acq: 15 May 2023 18:20

Tgt Ion:107 Resp: 526239
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 30.8
 142 82.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.852 ng

RT: 8.716 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

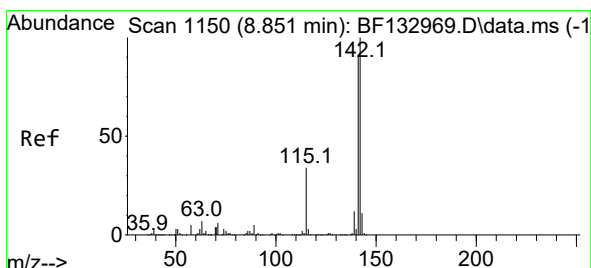
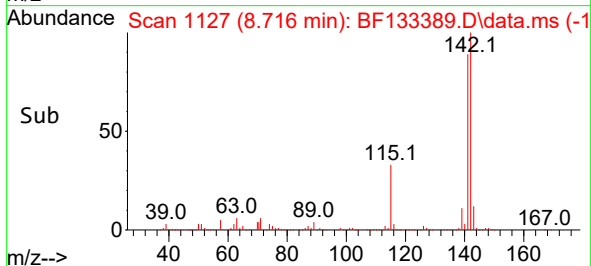
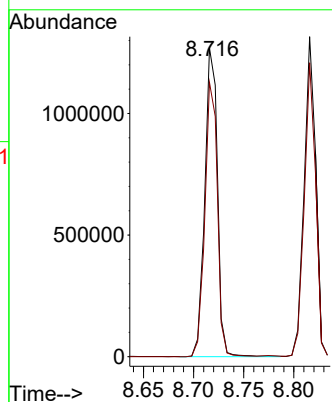
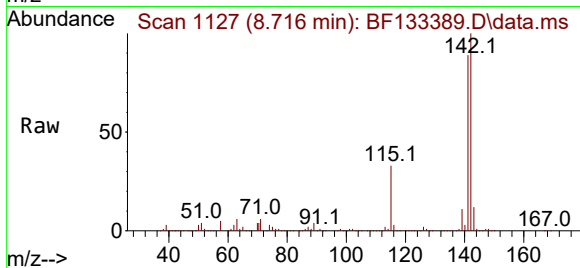
WC-N-1MS

Tgt Ion:142 Resp: 1117711

Ion Ratio Lower Upper

142 100

141 88.8 69.4 104.0



#38

1-Methylnaphthalene

Concen: 42.967 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133389.D

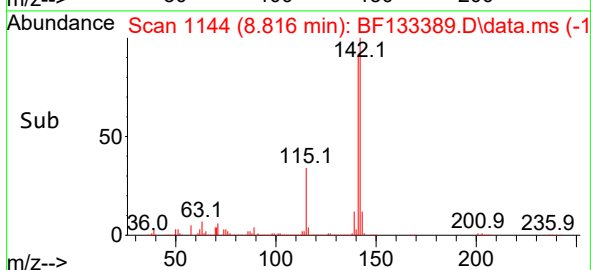
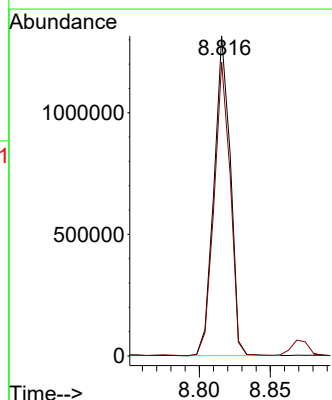
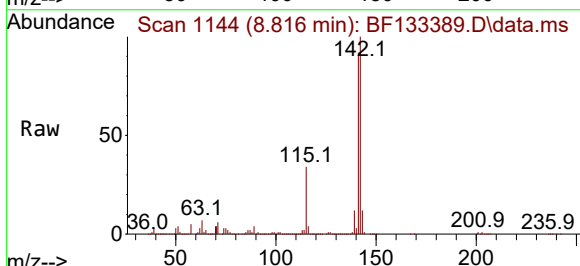
Acq: 15 May 2023 18:20

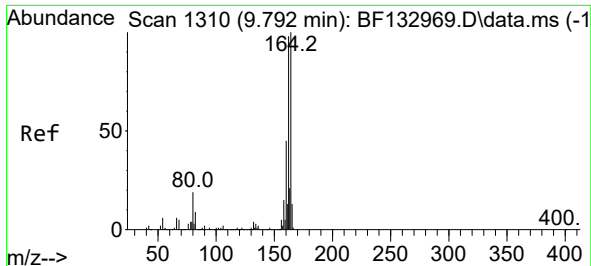
Tgt Ion:142 Resp: 1048407

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 11304

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

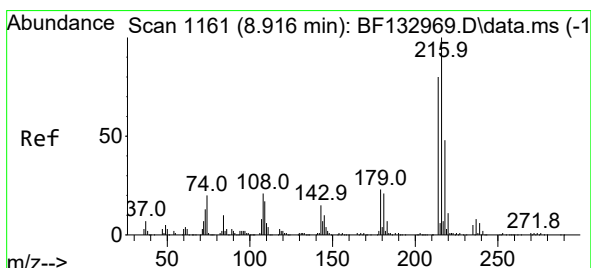
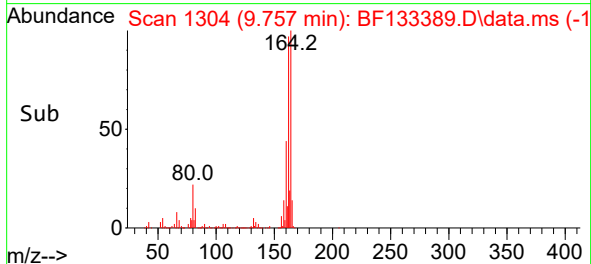
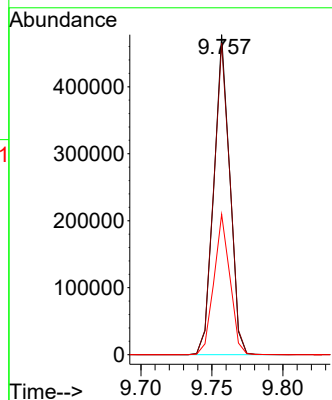
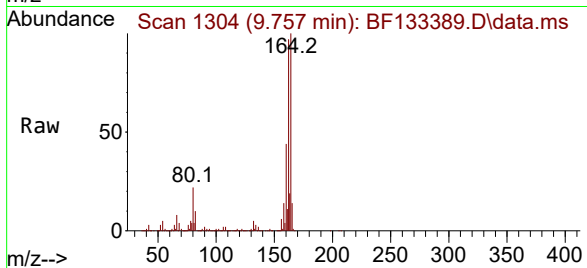
Tgt Ion:164 Resp: 372146

Ion Ratio Lower Upper

164 100

162 97.3 78.7 118.1

160 43.9 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.846 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Tgt Ion:216 Resp: 468742

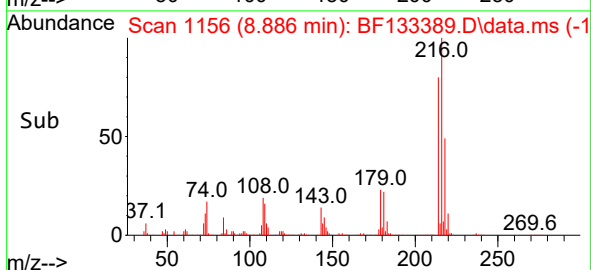
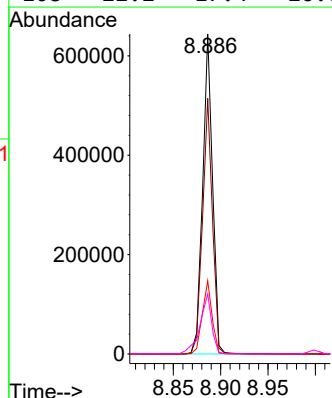
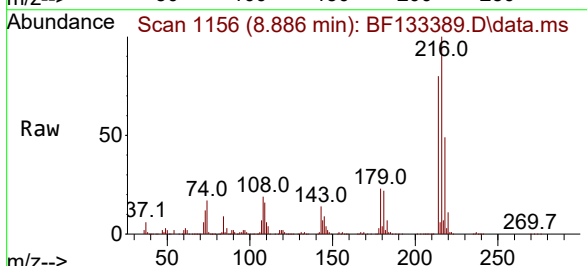
Ion Ratio Lower Upper

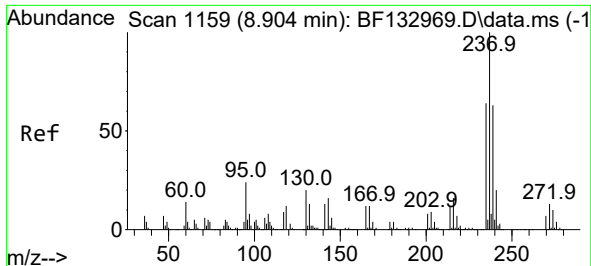
216 100

214 80.1 63.5 95.3

179 22.7 17.4 26.2

108 22.2 17.4 26.0

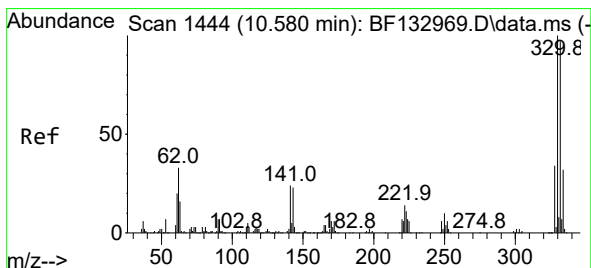
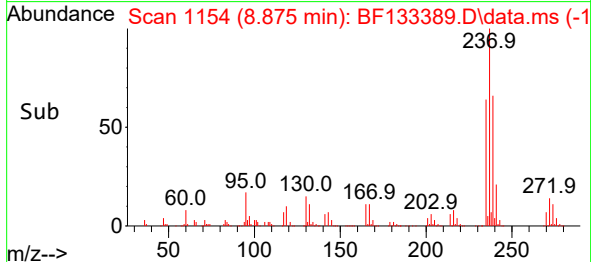
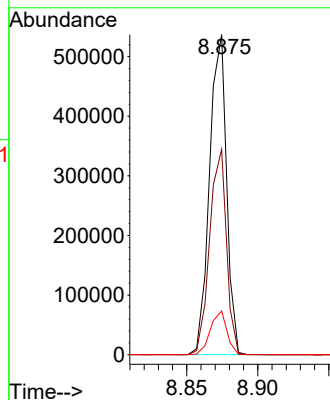
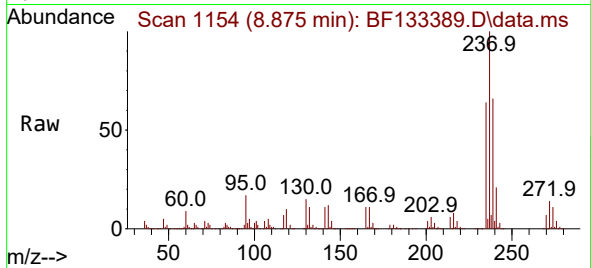




#41
Hexachlorocyclopentadiene
Concen: 76.545 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

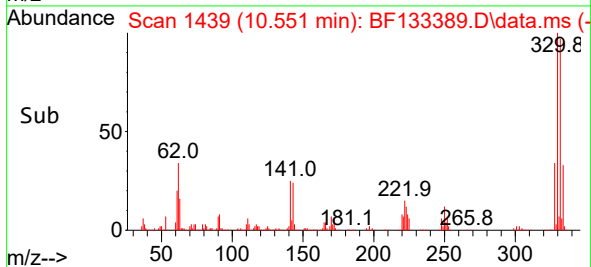
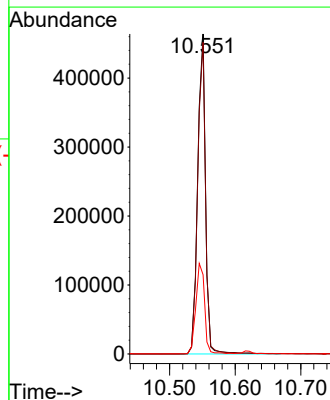
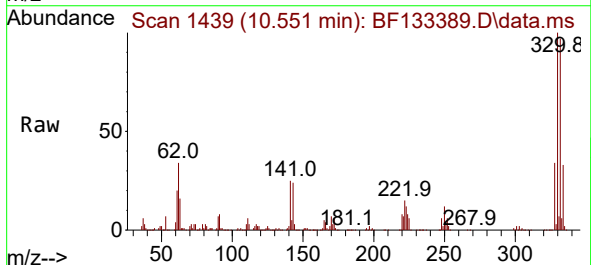
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

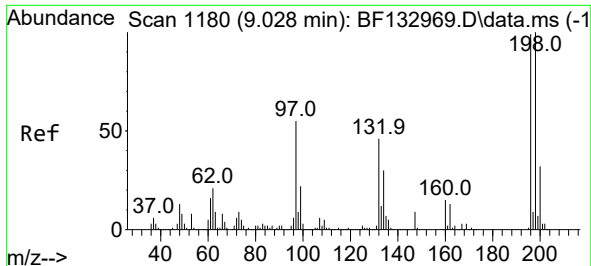
Tgt Ion:237 Resp: 446681
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 13.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 103.428 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:330 Resp: 387094
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 31.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.212 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

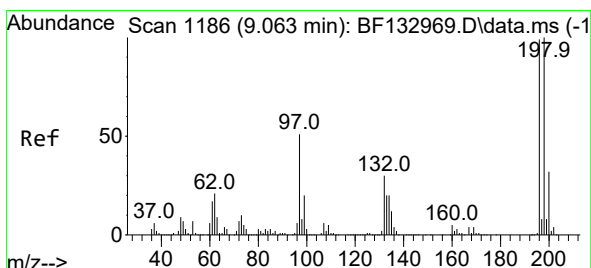
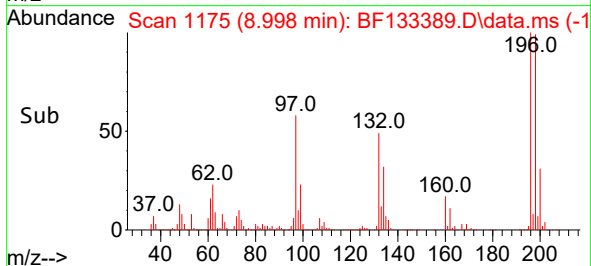
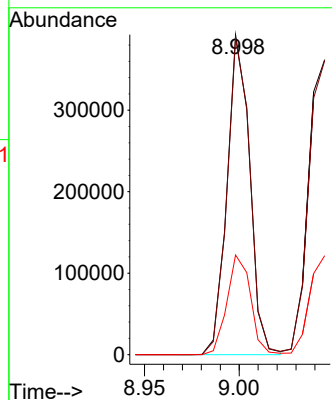
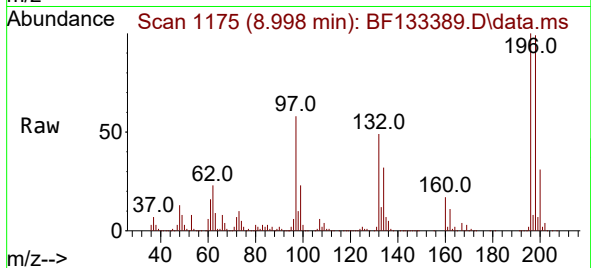
Tgt Ion:196 Resp: 326699

Ion Ratio Lower Upper

196 100

198 98.9 81.0 121.6

200 31.2 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 43.981 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Tgt Ion:196 Resp: 351982

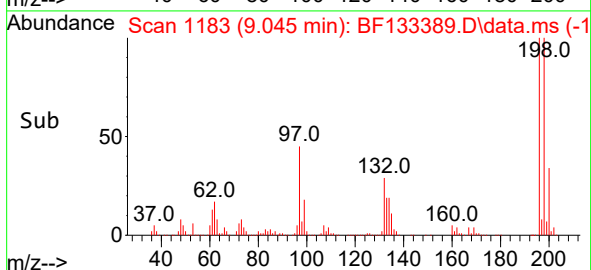
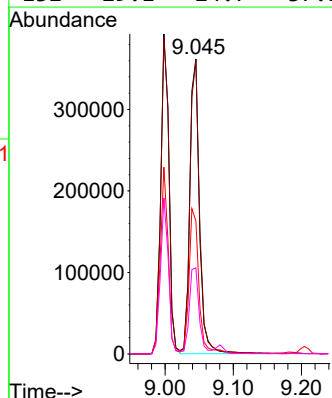
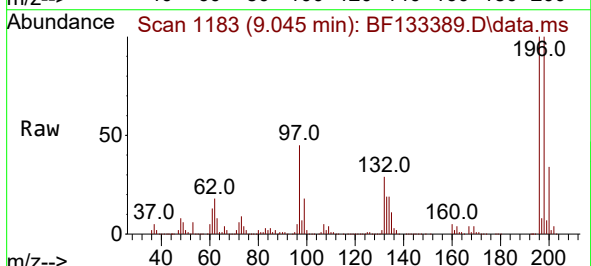
Ion Ratio Lower Upper

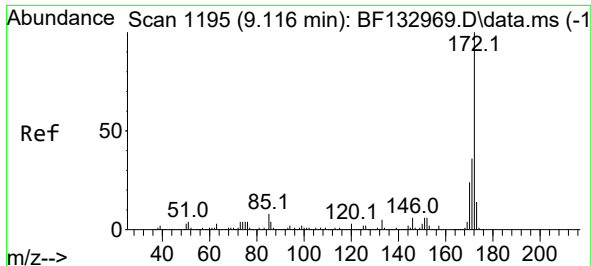
196 100

198 99.7 80.9 121.3

97 45.1 41.3 61.9

132 29.1 24.7 37.1

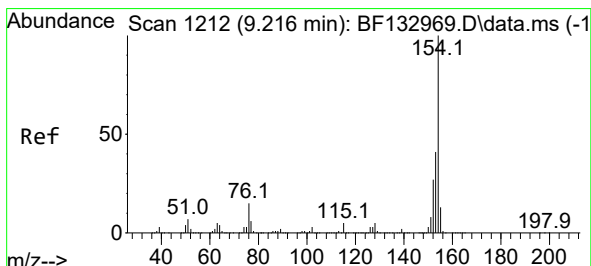
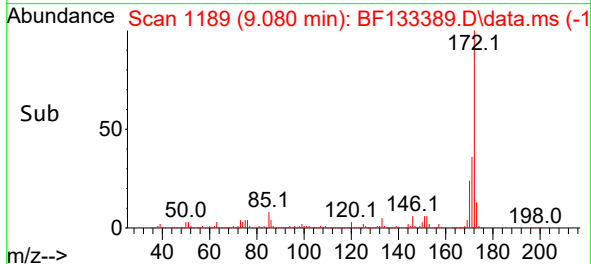
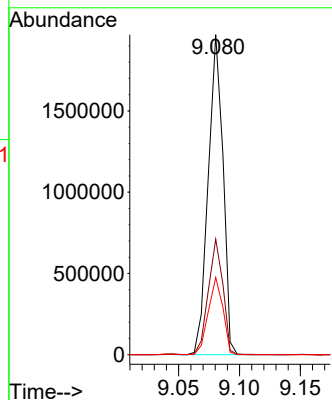
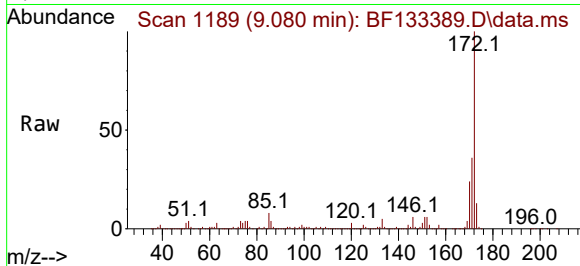




#45
2-Fluorobiphenyl
Concen: 74.201 ng
RT: 9.080 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

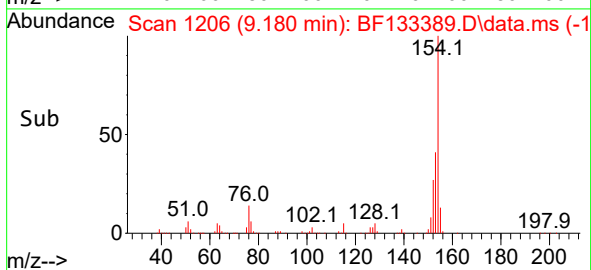
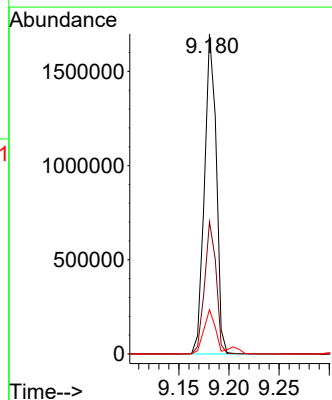
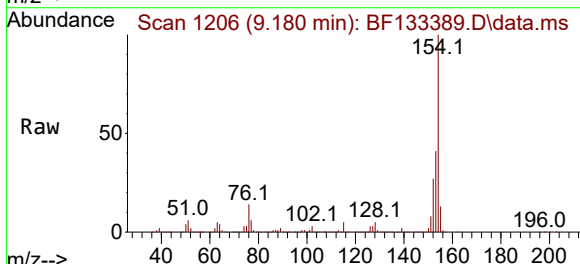
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

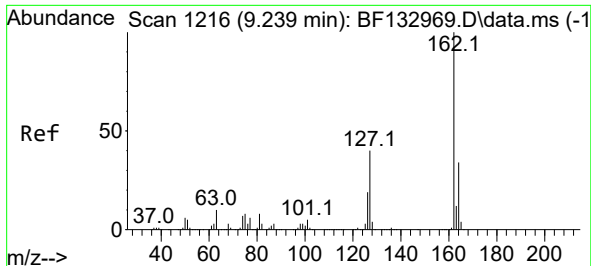
Tgt Ion:172 Resp: 1650541
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.4 29.2



#46
1,1'-Biphenyl
Concen: 47.481 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:154 Resp: 1401132
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 13.8 0.0 34.5

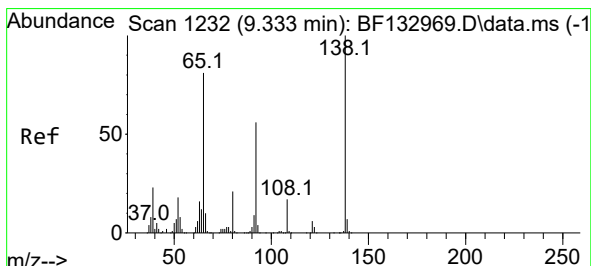
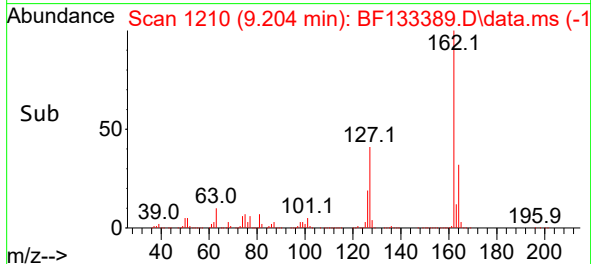
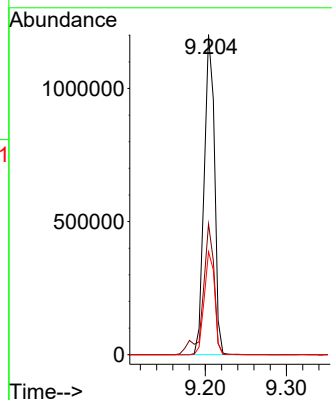
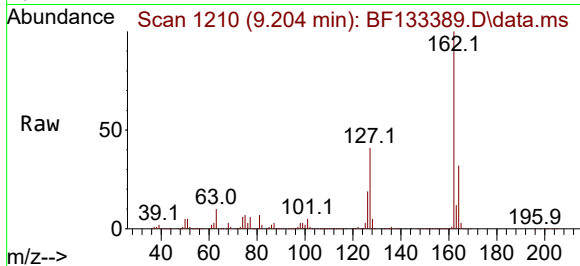




#47
2-Chloronaphthalene
Concen: 49.171 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

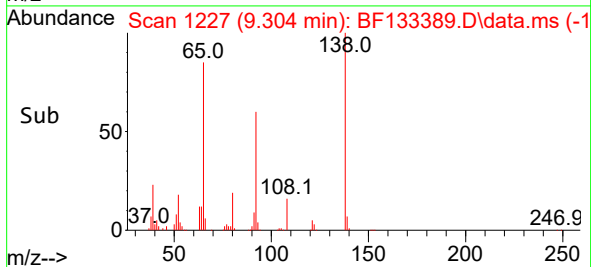
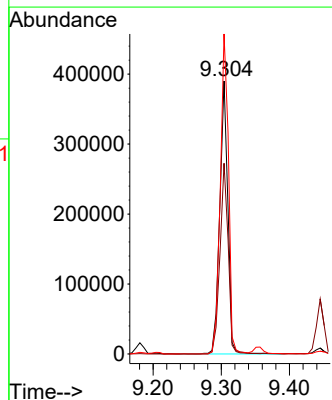
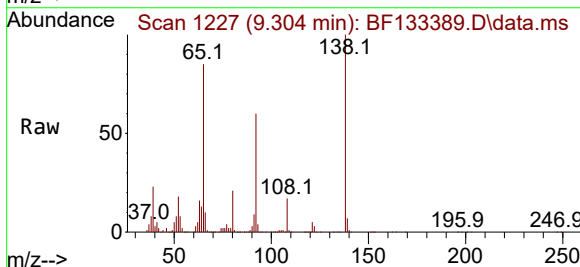
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

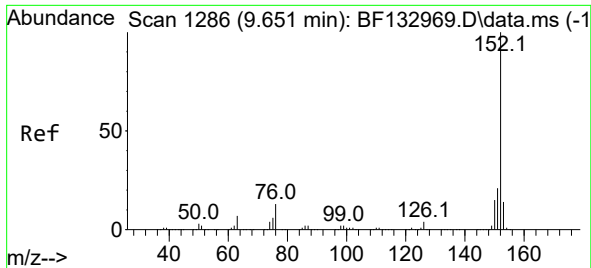
Tgt Ion:162 Resp: 1062055
Ion Ratio Lower Upper
162 100
127 40.8 32.3 48.5
164 32.2 26.8 40.2



#48
2-Nitroaniline
Concen: 45.262 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion: 65 Resp: 323099
Ion Ratio Lower Upper
65 100
92 69.8 55.4 83.0
138 117.2 98.2 147.2

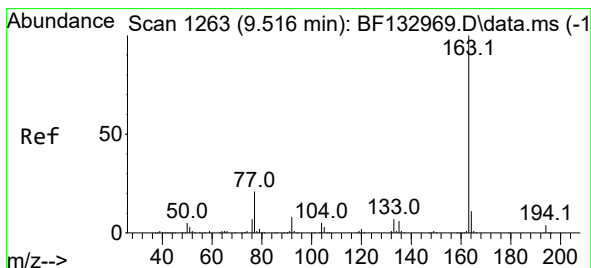
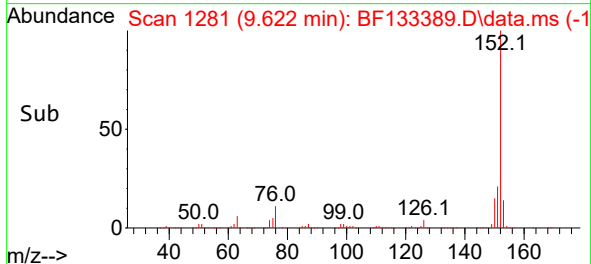
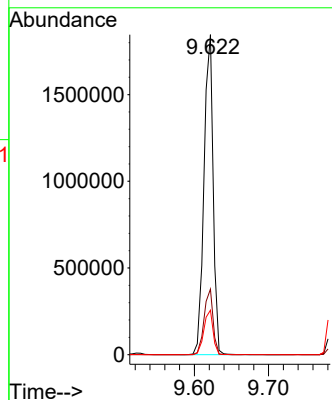
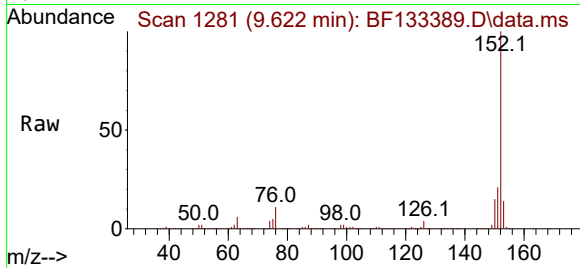




#49
Acenaphthylene
Concen: 46.147 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

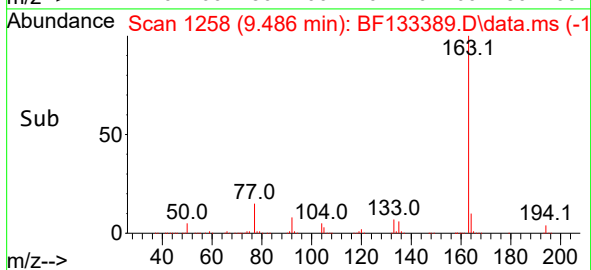
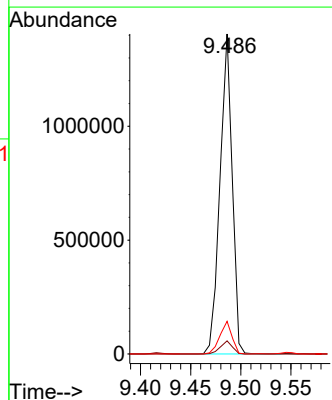
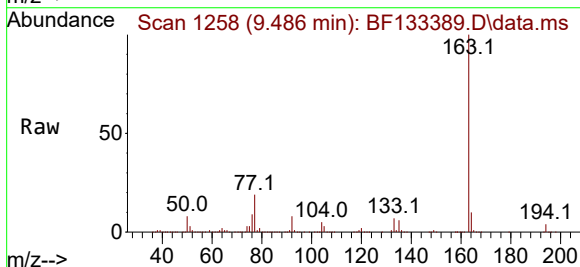
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

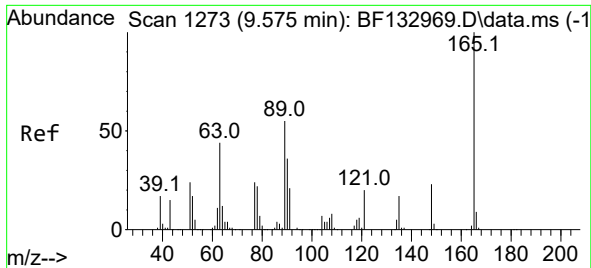
Tgt Ion:152 Resp: 1592617
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 13.9 11.5 17.3



#50
Dimethylphthalate
Concen: 45.856 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:163 Resp: 1189932
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.5 12.7

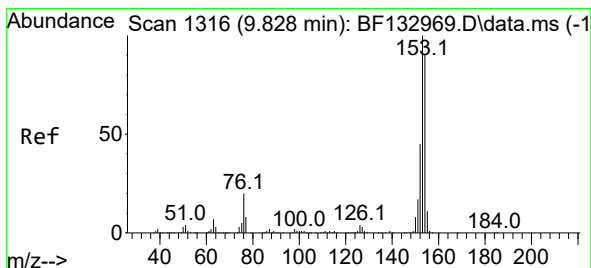
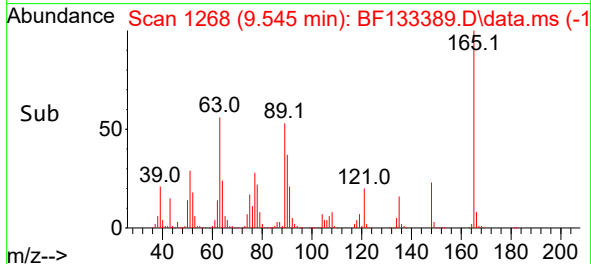
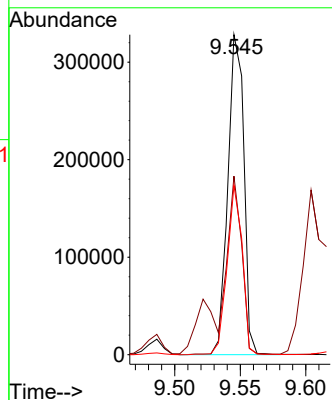
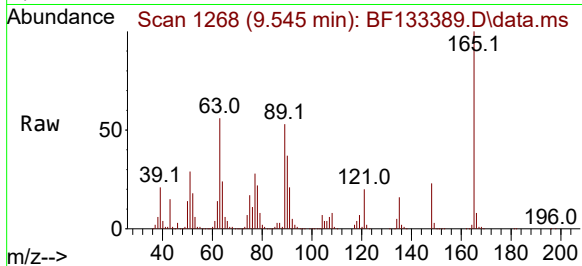




#51
2,6-Dinitrotoluene
Concen: 47.696 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

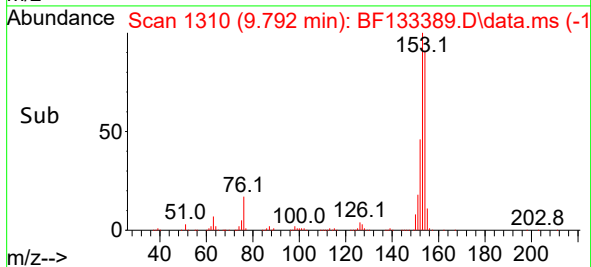
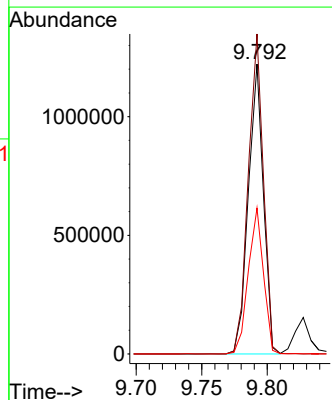
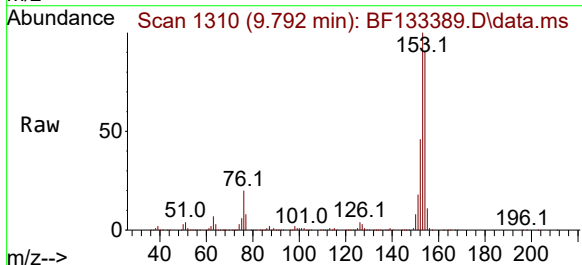
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

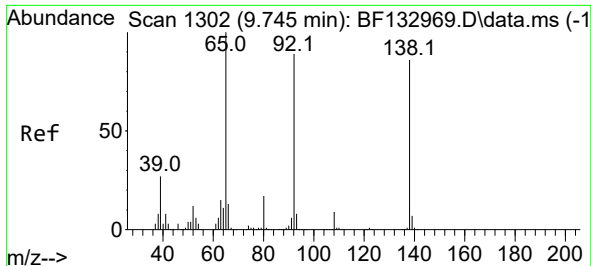
Tgt Ion:165 Resp: 278564
Ion Ratio Lower Upper
165 100
63 55.8 45.9 68.9
89 52.9 44.0 66.0



#52
Acenaphthene
Concen: 42.353 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:154 Resp: 978972
Ion Ratio Lower Upper
154 100
153 110.3 89.0 133.6
152 50.3 40.4 60.6

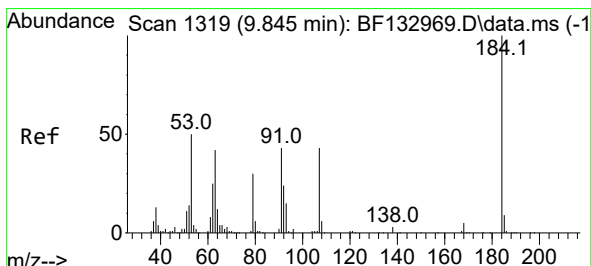
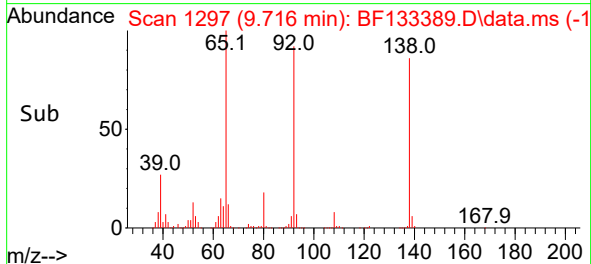
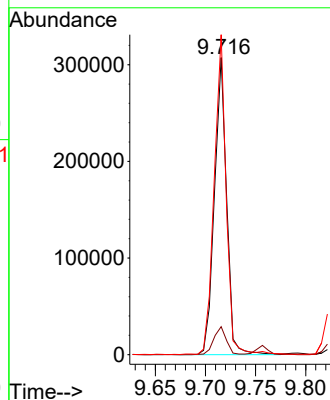
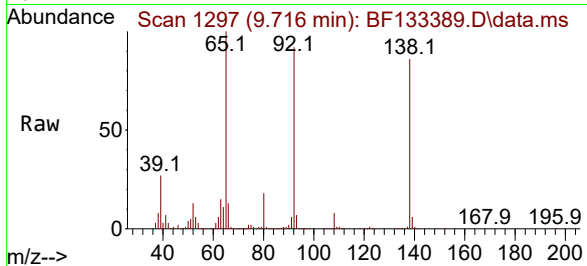




#53
3-Nitroaniline
Concen: 37.317 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

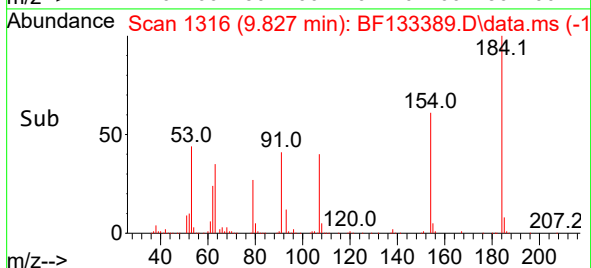
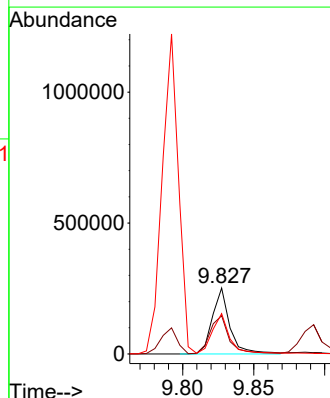
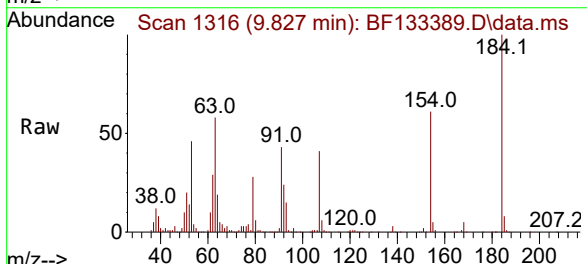
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

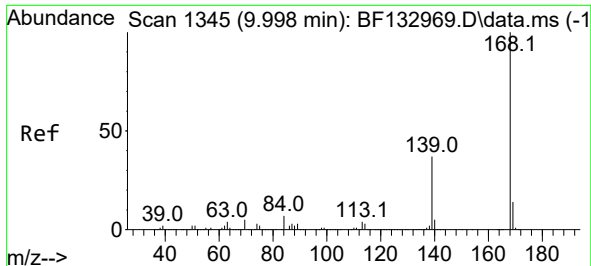
Tgt Ion:138 Resp: 259147
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 107.7 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 73.346 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:184 Resp: 215323
Ion Ratio Lower Upper
184 100
63 58.1 49.8 74.8
154 61.1 49.5 74.3

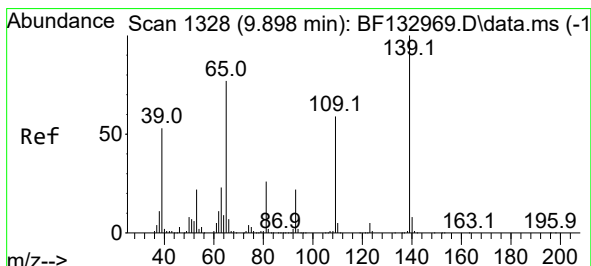
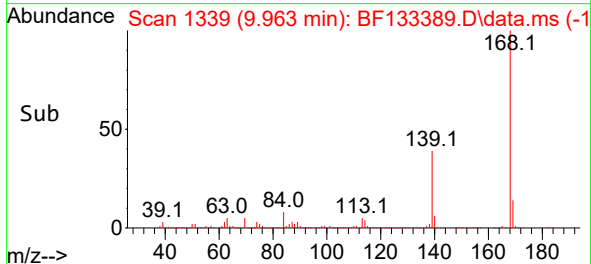
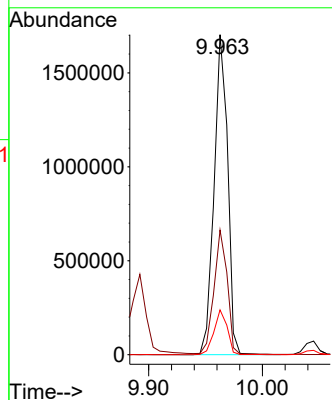
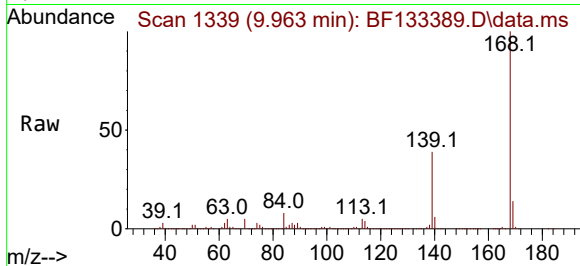




#55
Dibenzenofuran
Concen: 44.736 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

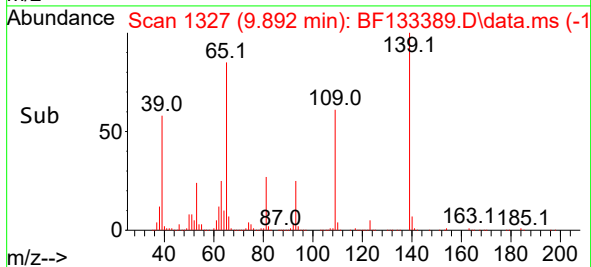
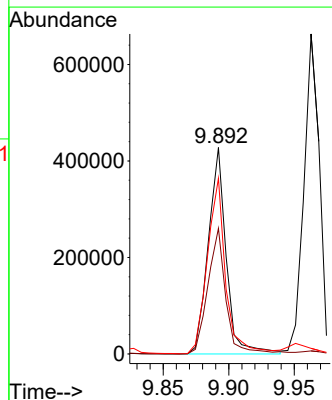
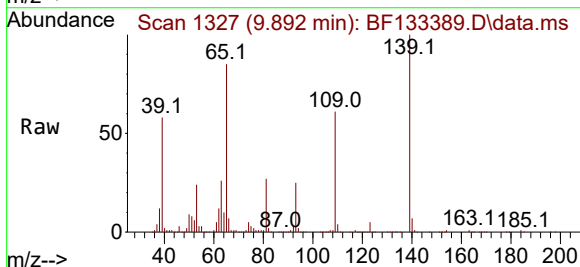
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

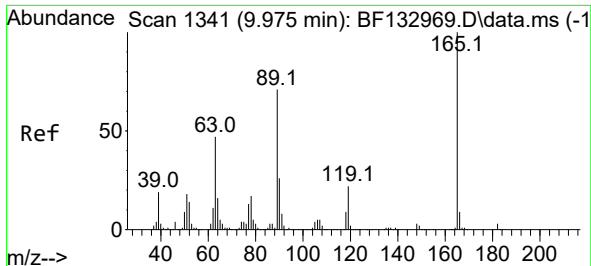
Tgt Ion:168 Resp: 1410529
Ion Ratio Lower Upper
168 100
139 38.9 29.8 44.8
169 14.0 10.8 16.2



#56
4-Nitrophenol
Concen: 75.837 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:139 Resp: 407896
Ion Ratio Lower Upper
139 100
109 60.8 39.4 79.4
65 85.1 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 46.134 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:165 Resp: 343618

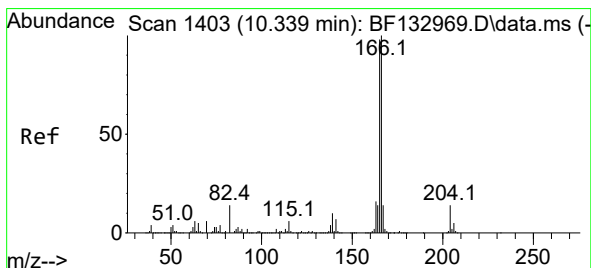
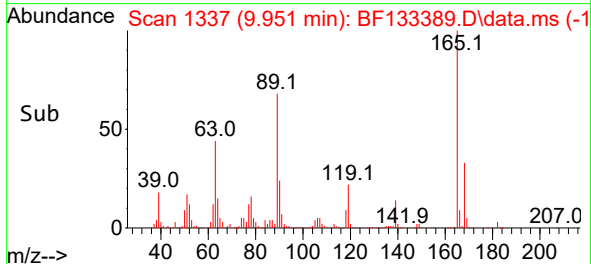
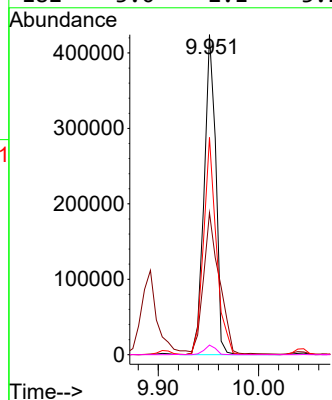
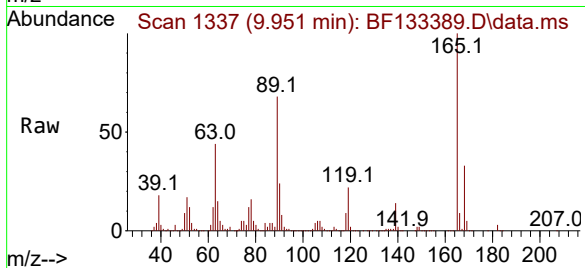
Ion Ratio Lower Upper

165 100

63 44.4 37.7 56.5

89 67.9 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 45.800 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

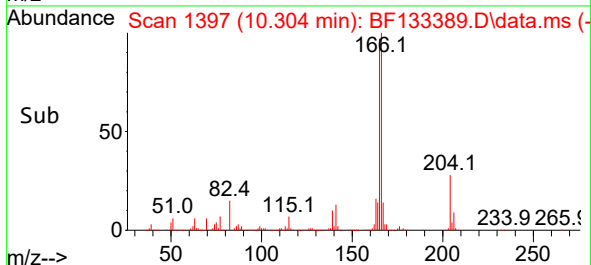
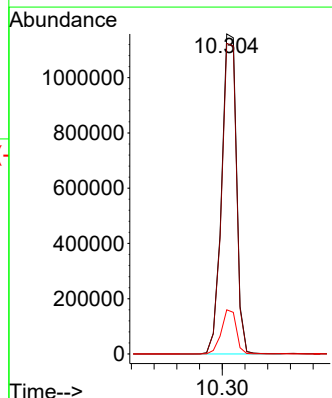
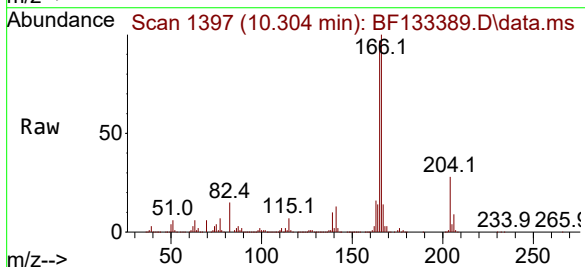
Tgt Ion:166 Resp: 1057986

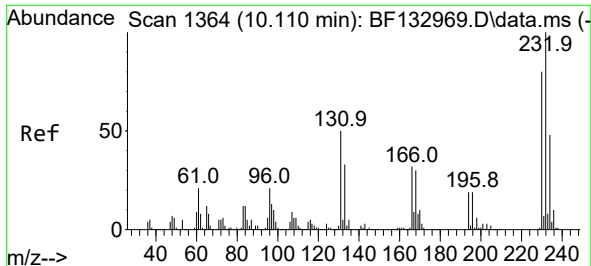
Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

167 13.8 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.337 ng

RT: 10.086 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

Tgt Ion:232 Resp: 275081

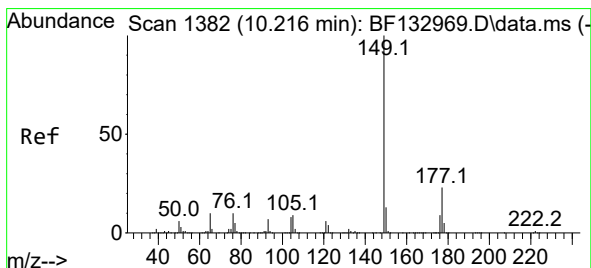
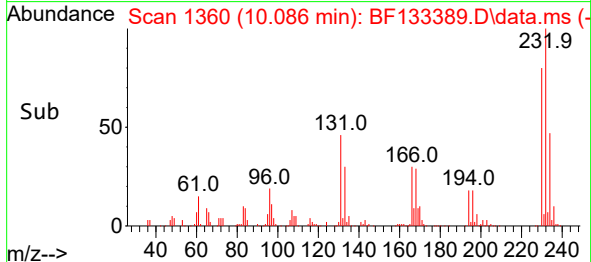
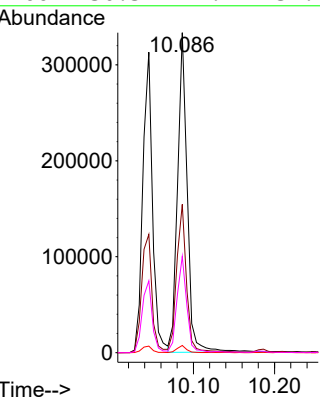
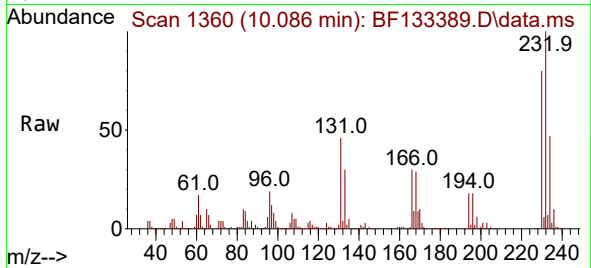
Ion Ratio Lower Upper

232 100

131 46.9 38.0 57.0

130 2.2 1.8 2.8

166 30.3 24.7 37.1



#60

Diethylphthalate

Concen: 44.631 ng

RT: 10.186 min Scan# 1377

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

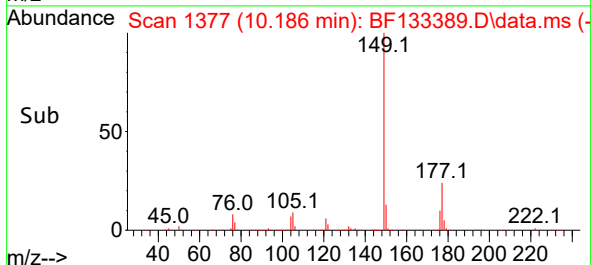
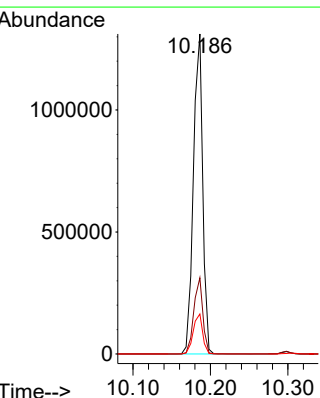
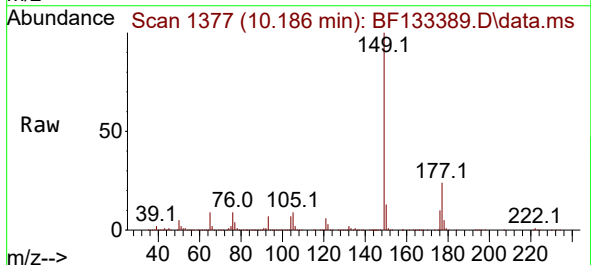
Tgt Ion:149 Resp: 1093928

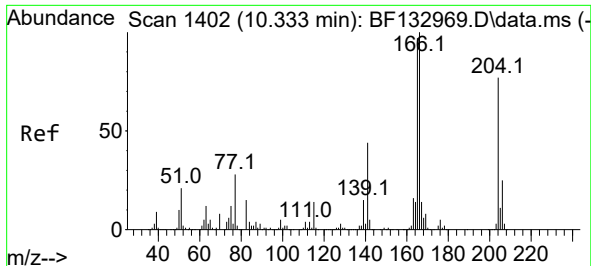
Ion Ratio Lower Upper

149 100

177 23.8 18.2 27.4

150 12.5 10.2 15.4

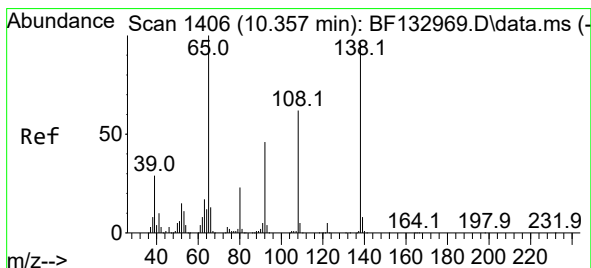
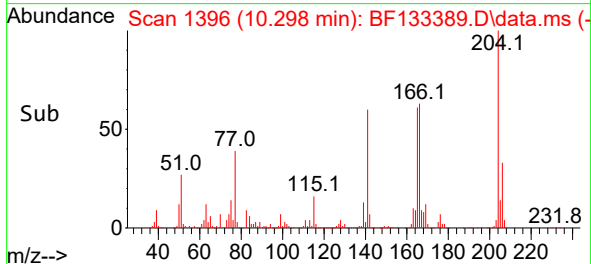
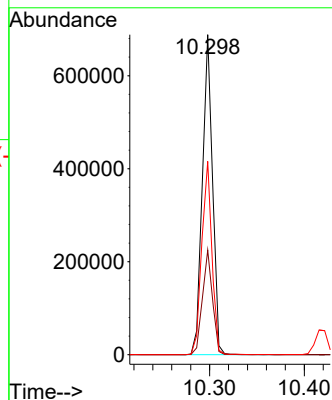
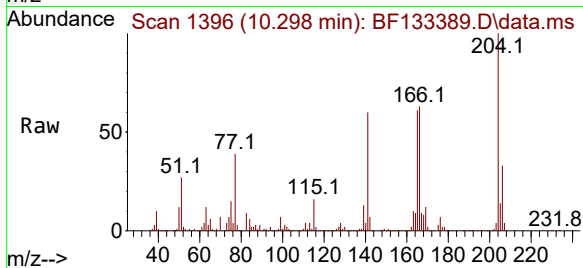




#61
4-Chlorophenyl-phenylether
Concen: 45.565 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

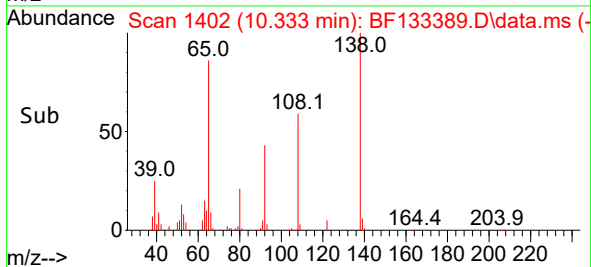
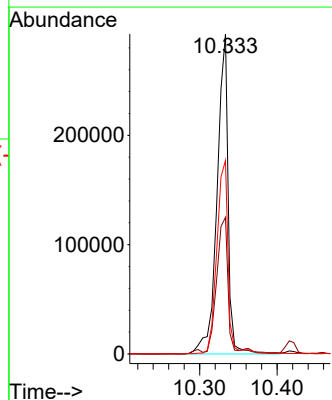
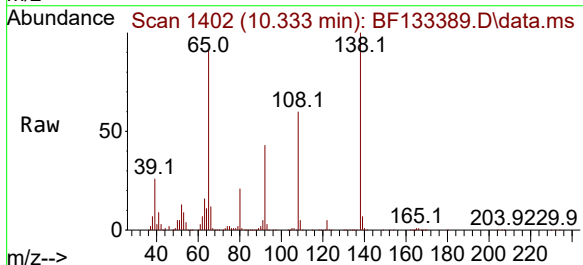
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

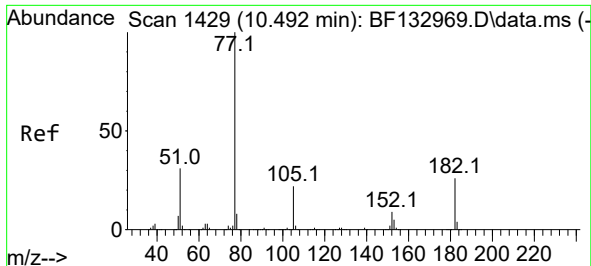
Tgt Ion:204 Resp: 512937
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 60.4 46.1 69.1



#62
4-Nitroaniline
Concen: 45.908 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:138 Resp: 293013
Ion Ratio Lower Upper
138 100
92 42.7 27.7 67.7
108 60.5 45.2 85.2

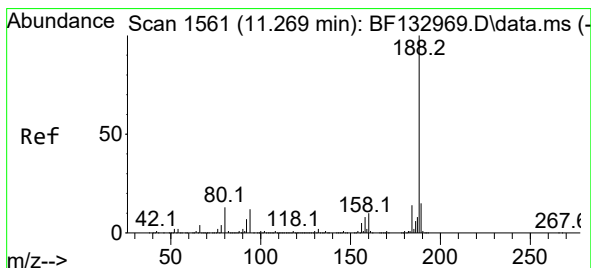
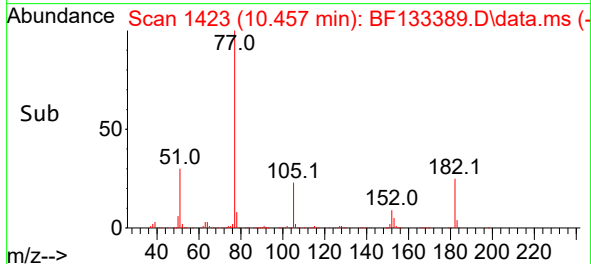
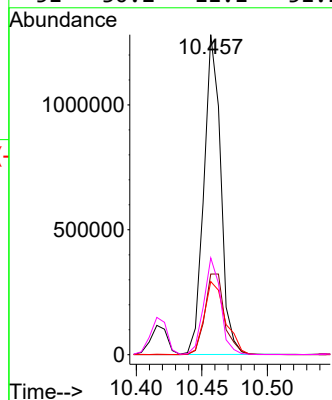
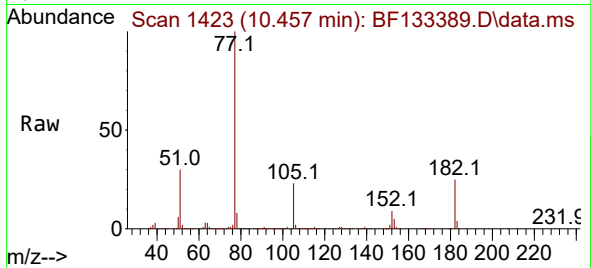




#63
Azobenzene
Concen: 44.204 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

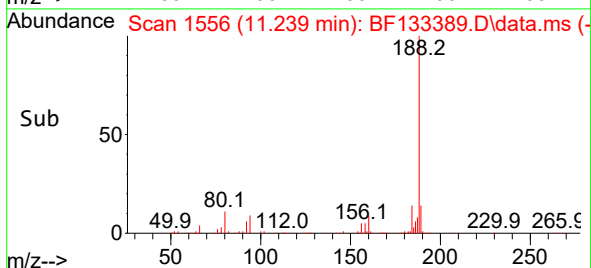
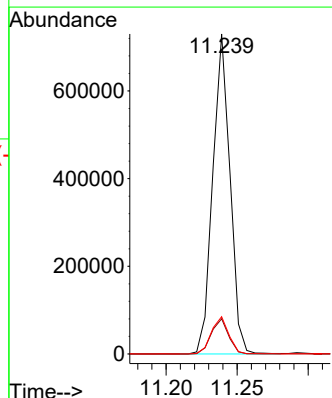
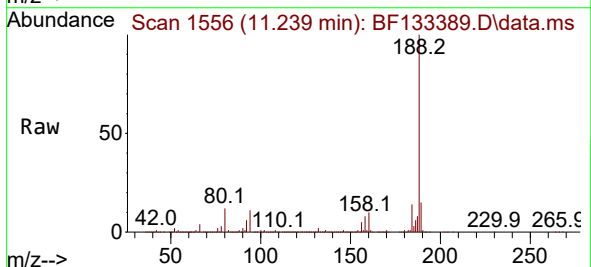
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

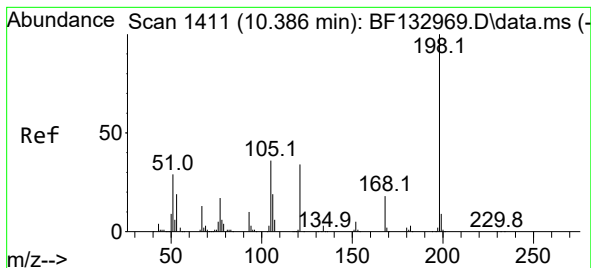
Tgt Ion: 77 Resp: 1147760
Ion Ratio Lower Upper
77 100
182 25.2 5.9 45.9
105 22.9 2.3 42.3
51 30.2 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:188 Resp: 615711
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.6 10.4 15.6

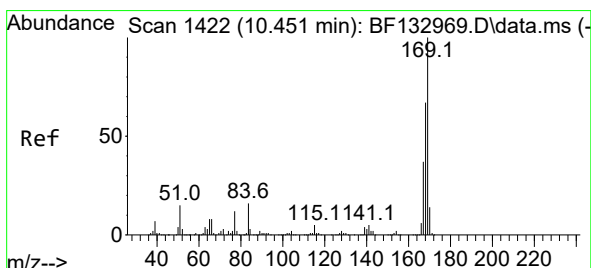
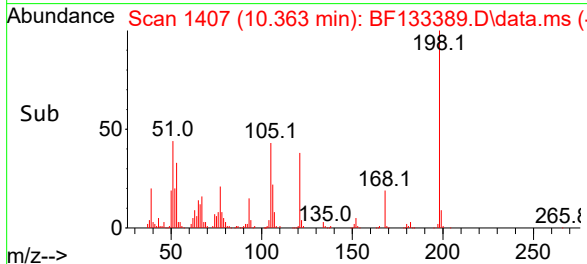
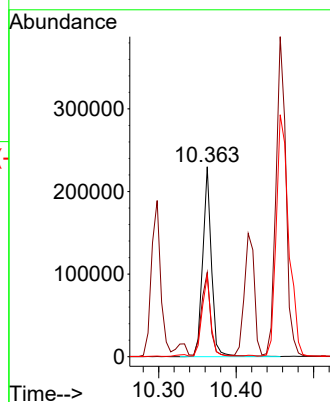
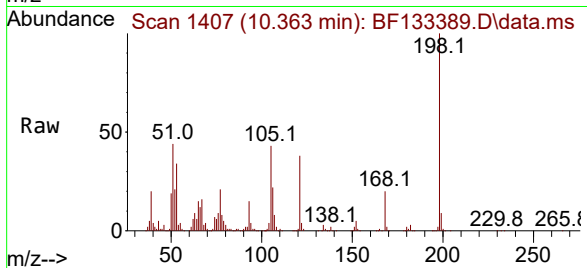




#65
4,6-Dinitro-2-methylphenol
Concen: 48.057 ng
RT: 10.363 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

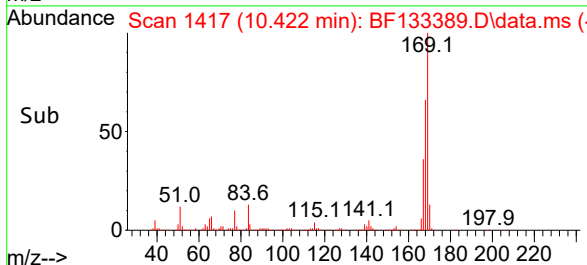
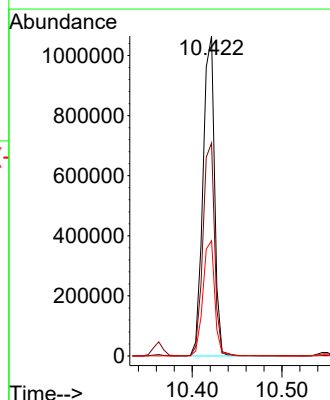
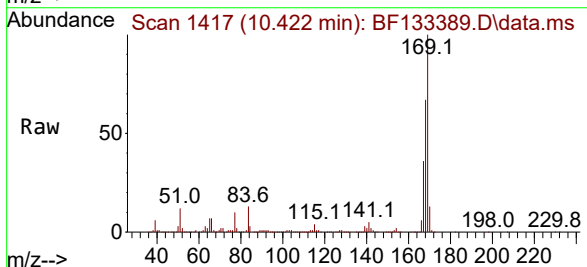
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

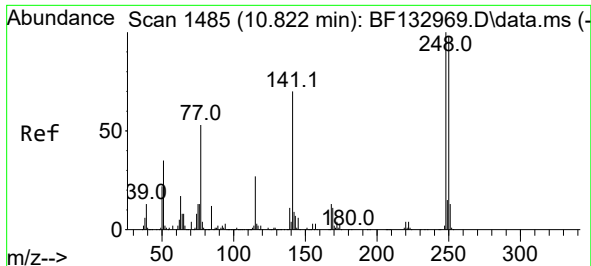
Tgt Ion:198 Resp: 179348
Ion Ratio Lower Upper
198 100
51 44.3 15.5 55.5
105 42.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 47.654 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:169 Resp: 951741
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.0 29.7 44.5

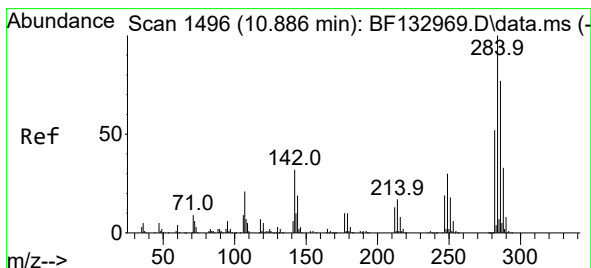
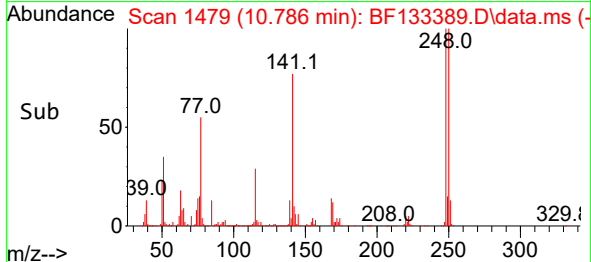
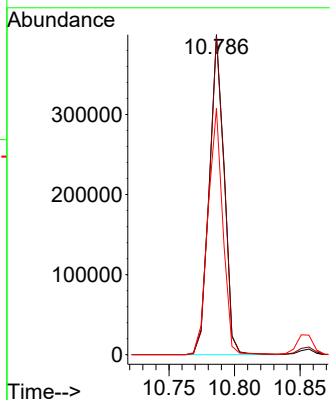
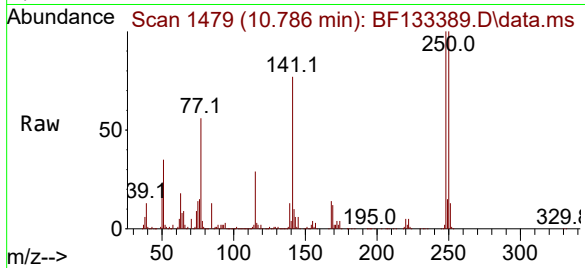




#67
4-Bromophenyl-phenylether
Concen: 47.470 ng
RT: 10.786 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

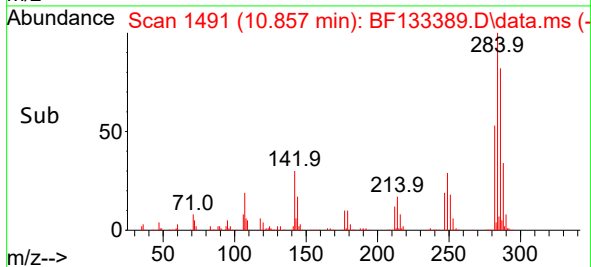
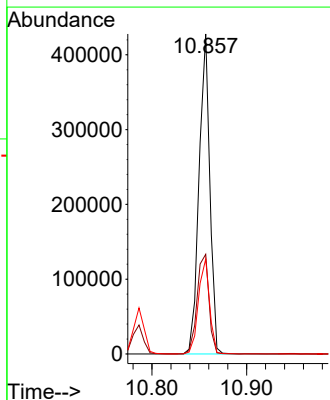
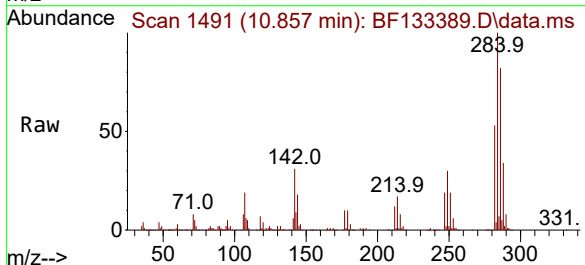
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

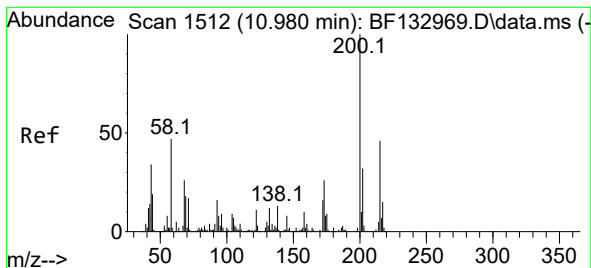
Tgt Ion:248 Resp: 316991
Ion Ratio Lower Upper
248 100
250 99.5 78.7 118.1
141 77.0 56.3 84.5



#68
Hexachlorobenzene
Concen: 49.434 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:284 Resp: 338256
Ion Ratio Lower Upper
284 100
142 31.2 26.0 39.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 53.009 ng

RT: 10.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

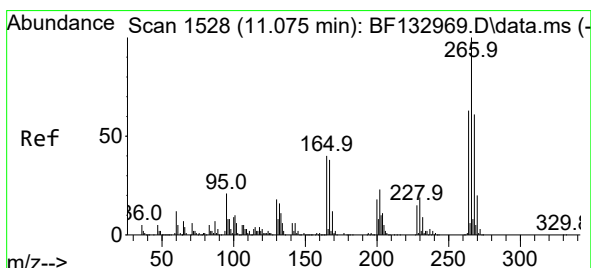
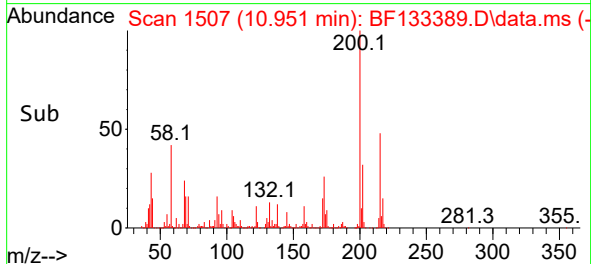
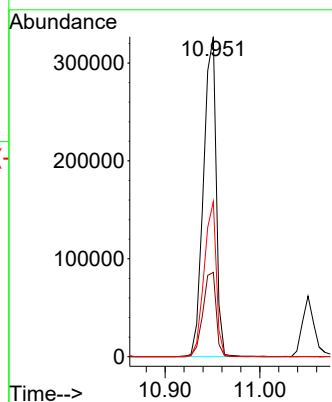
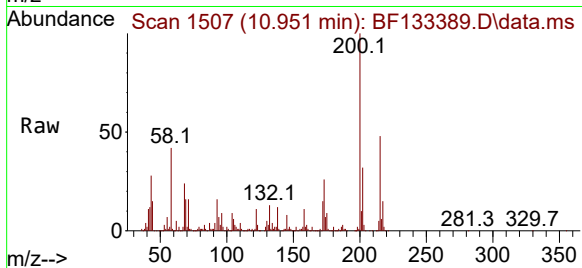
Tgt Ion:200 Resp: 305058

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 48.4 26.3 66.3



#70

Pentachlorophenol

Concen: 66.030 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

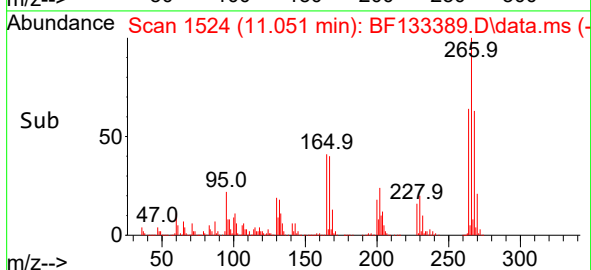
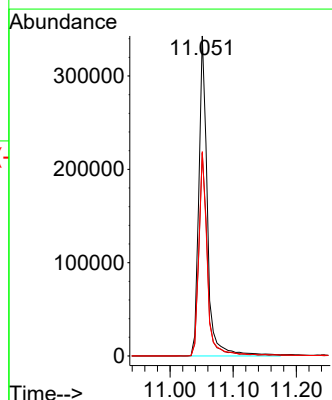
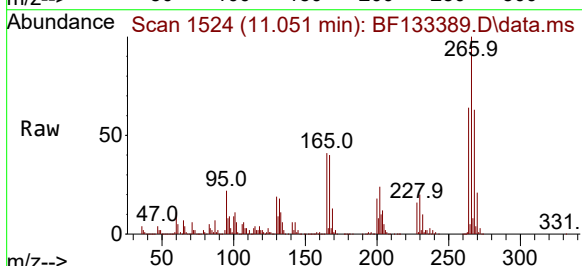
Tgt Ion:266 Resp: 321782

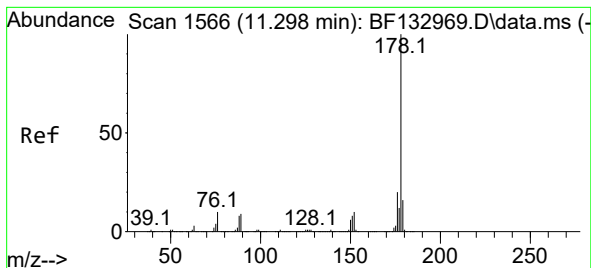
Ion Ratio Lower Upper

266 100

268 63.4 48.8 73.2

264 63.9 50.6 76.0





#71

Phenanthrene

Concen: 45.728 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

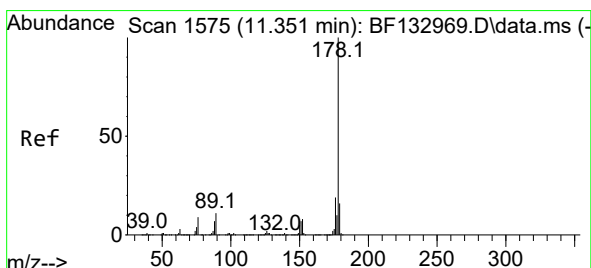
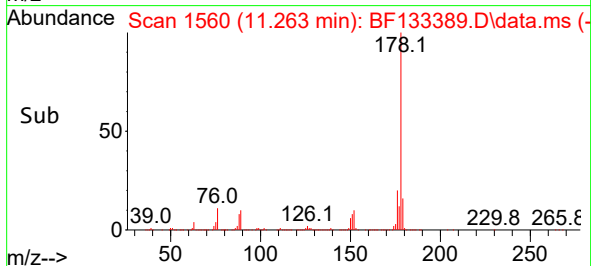
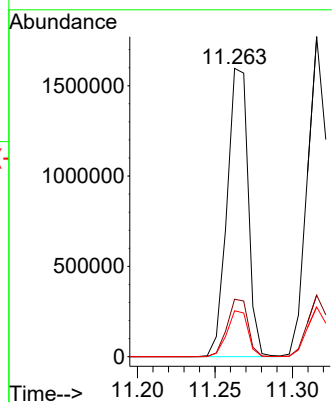
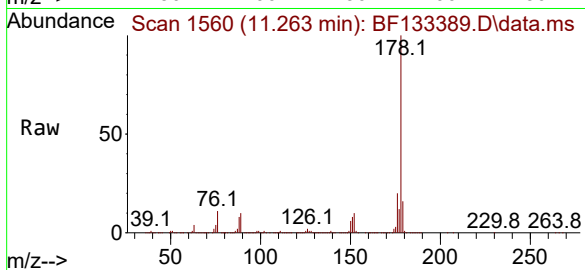
Tgt Ion:178 Resp: 1513259

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 16.0 12.5 18.7



#72

Anthracene

Concen: 46.024 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

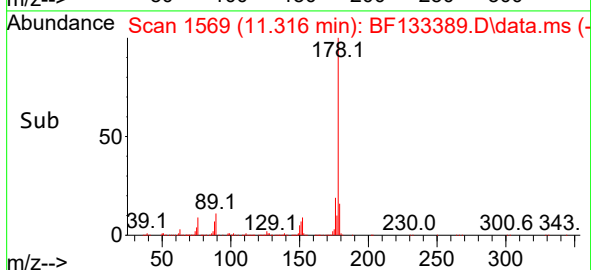
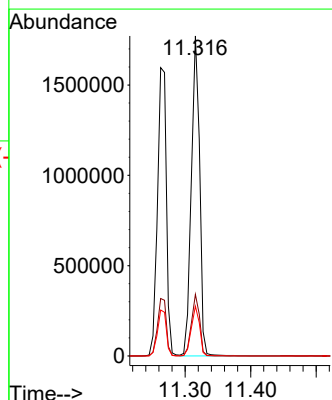
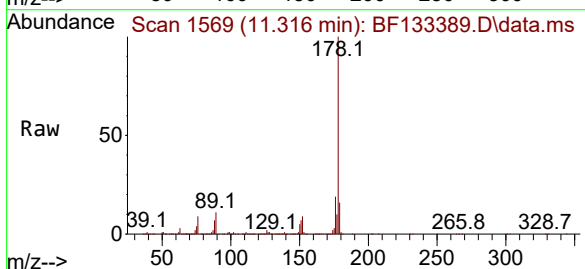
Tgt Ion:178 Resp: 1558688

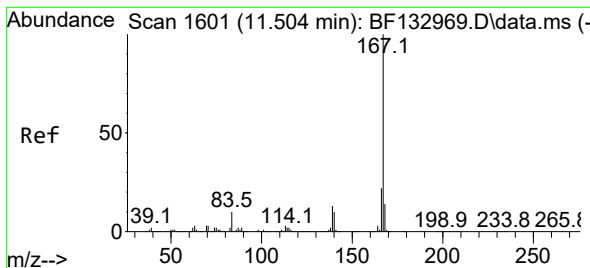
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.5 12.4 18.6





#73

Carbazole

Concen: 44.575 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

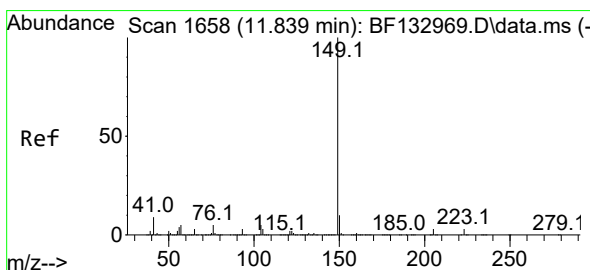
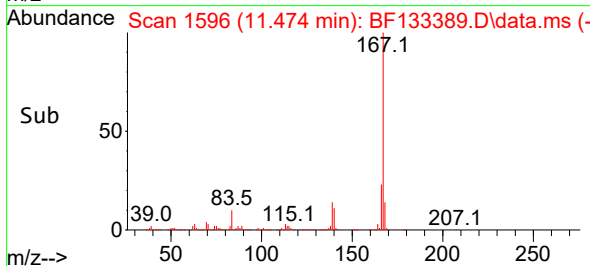
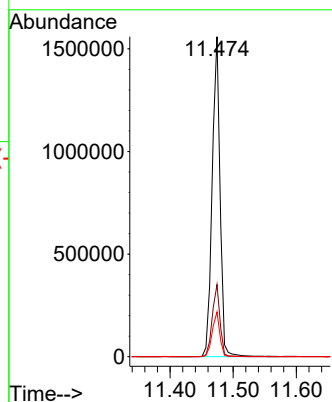
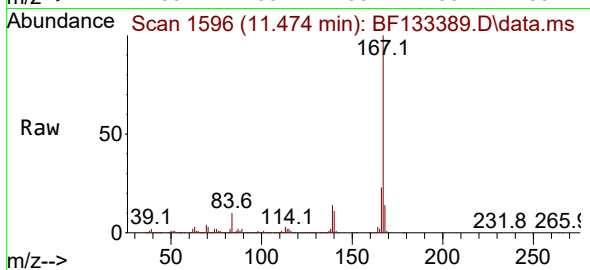
Tgt Ion:167 Resp: 1344190

Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.0

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.056 ng

RT: 11.804 min Scan# 1652

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

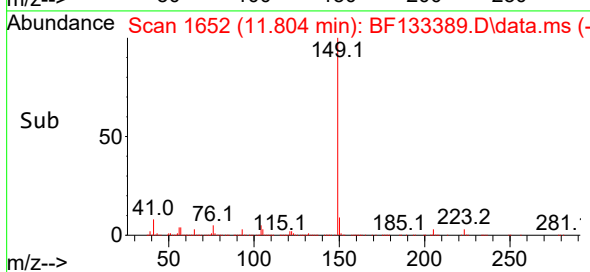
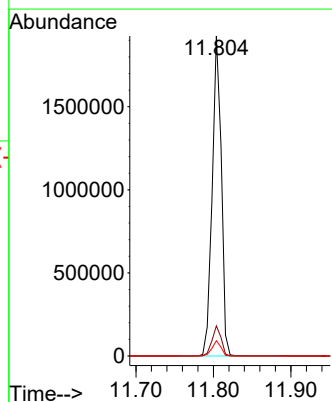
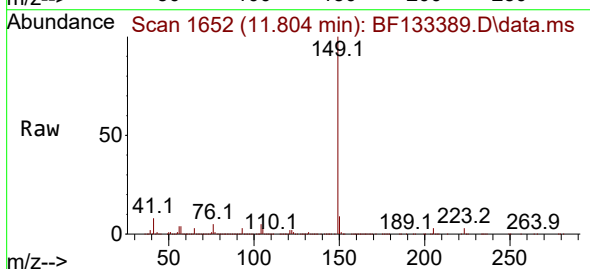
Tgt Ion:149 Resp: 1571726

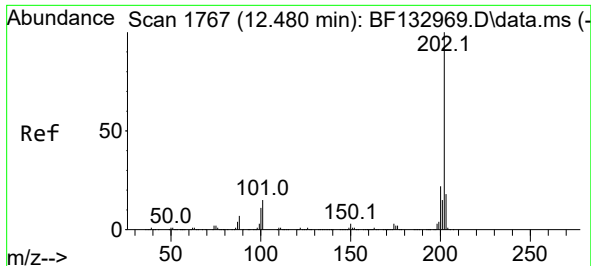
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.7 4.0 6.0

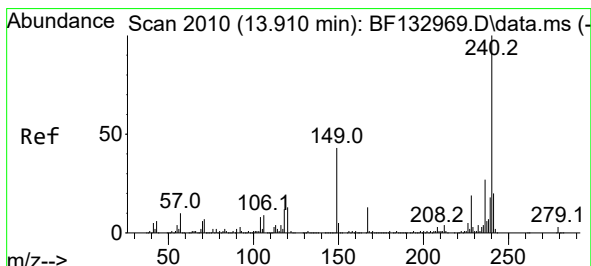
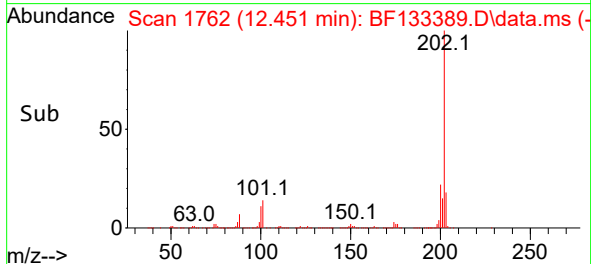
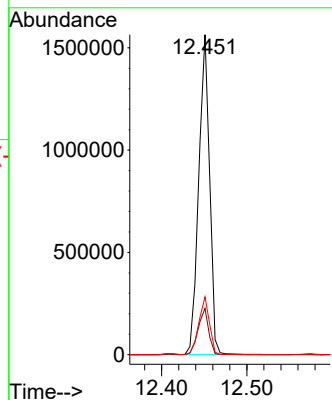
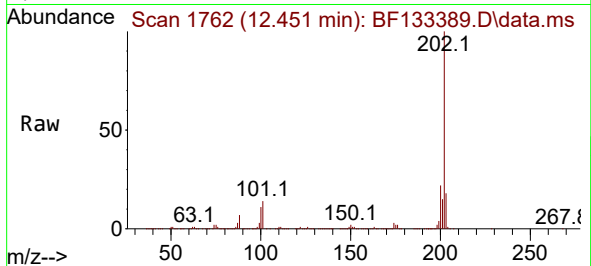




#75
Fluoranthene
Concen: 41.705 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

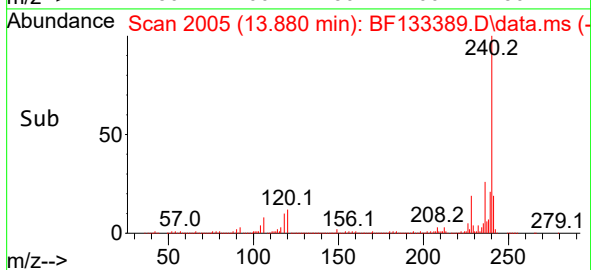
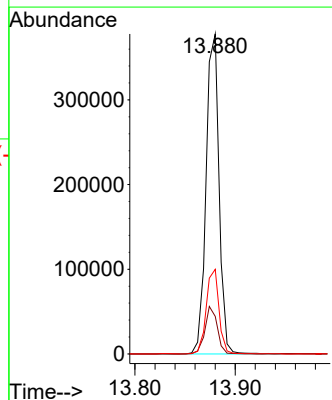
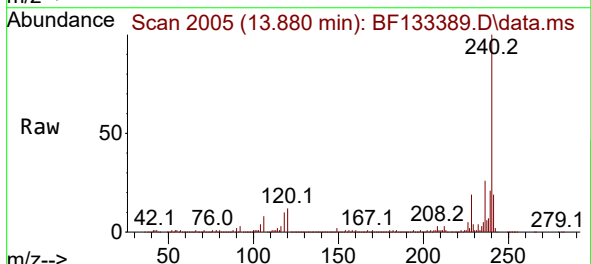
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

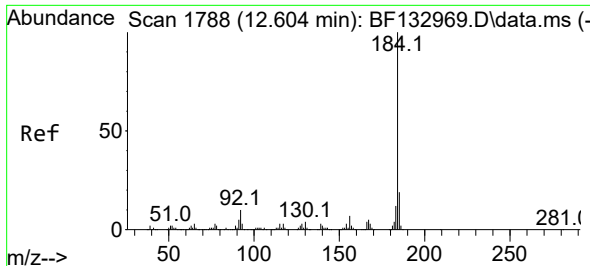
Tgt Ion:202 Resp: 1385106
Ion Ratio Lower Upper
202 100
101 14.5 0.0 35.3
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:240 Resp: 341359
Ion Ratio Lower Upper
240 100
120 11.7 10.5 15.7
236 26.5 21.5 32.3

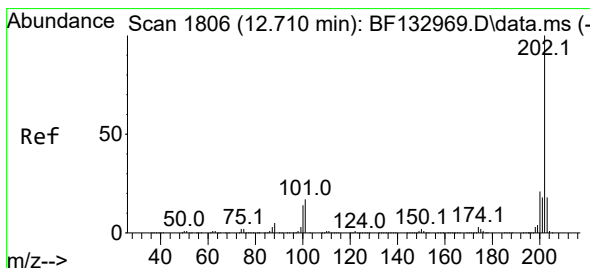
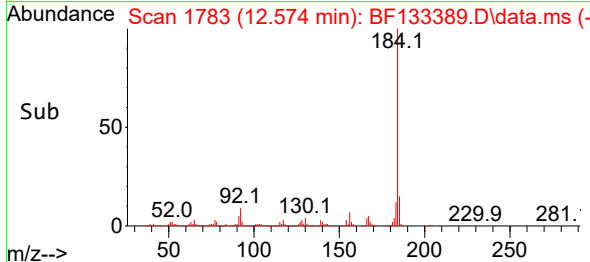
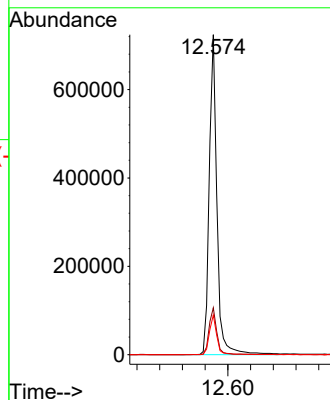
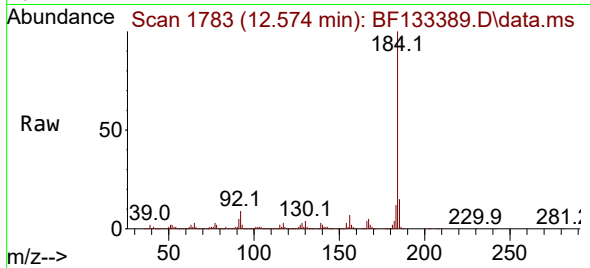




#77
Benzidine
Concen: 117.524 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

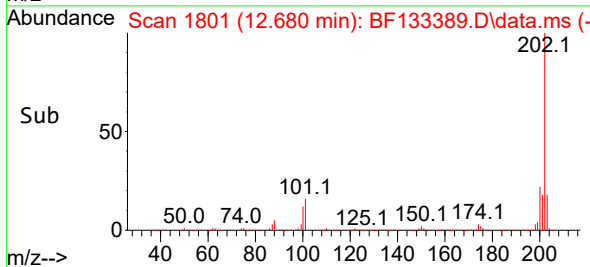
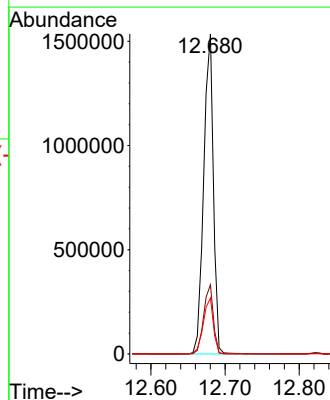
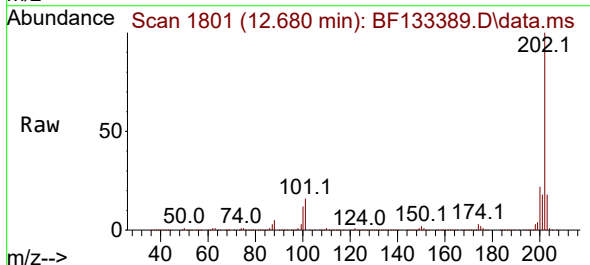
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

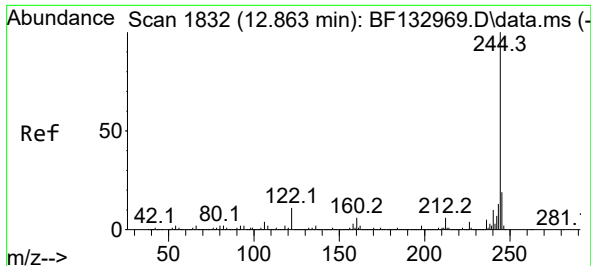
Tgt Ion:184 Resp: 678415
Ion Ratio Lower Upper
184 100
185 14.7 15.4 23.2#
183 12.4 9.4 14.0



#78
Pyrene
Concen: 47.581 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:202 Resp: 1392319
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.5 14.1 21.1

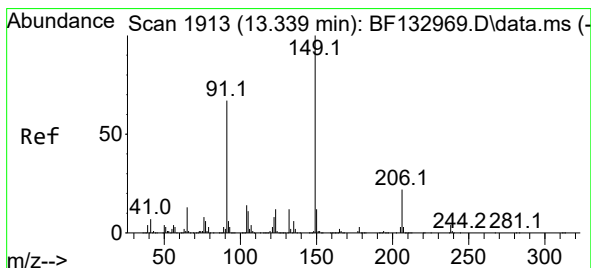
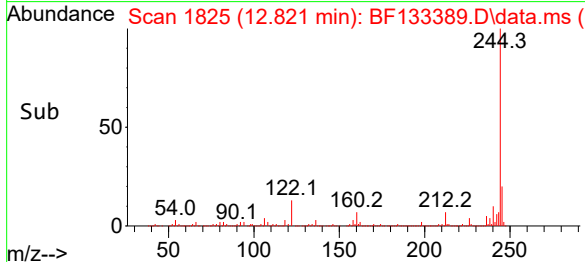
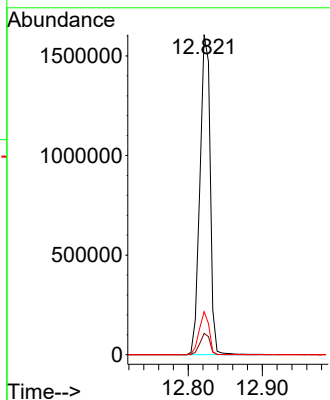
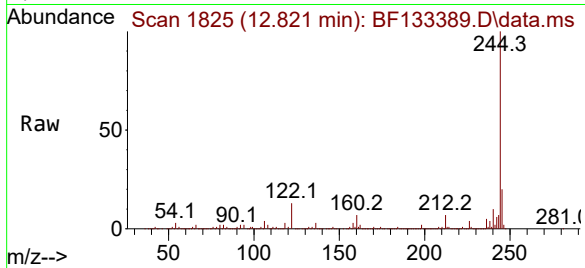




#79
 Terphenyl-d14
 Concen: 77.890 ng
 RT: 12.821 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133389.D
 Acq: 15 May 2023 18:20

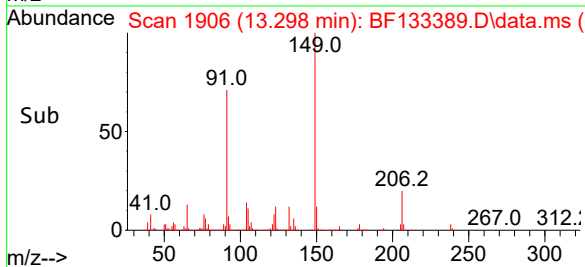
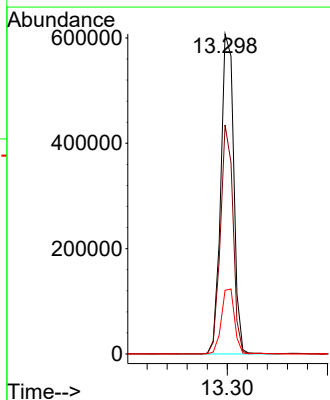
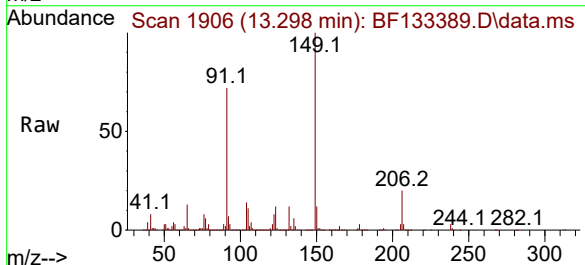
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS

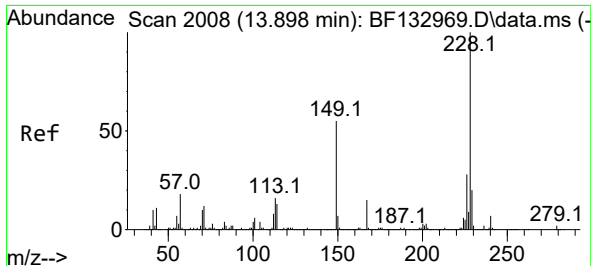
Tgt Ion:244 Resp: 1541658
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 13.5 8.6 13.0#



#80
 Butylbenzylphthalate
 Concen: 52.412 ng
 RT: 13.298 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: BF133389.D
 Acq: 15 May 2023 18:20

Tgt Ion:149 Resp: 543041
 Ion Ratio Lower Upper
 149 100
 91 71.5 53.8 80.6
 206 19.9 17.5 26.3

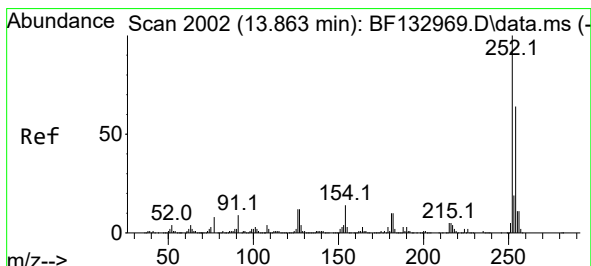
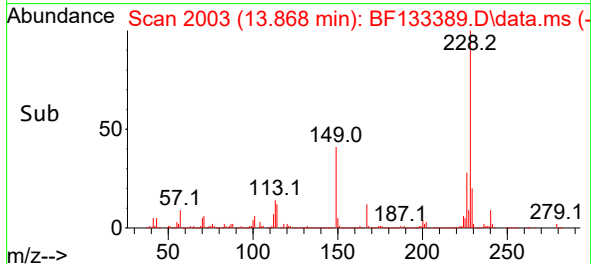
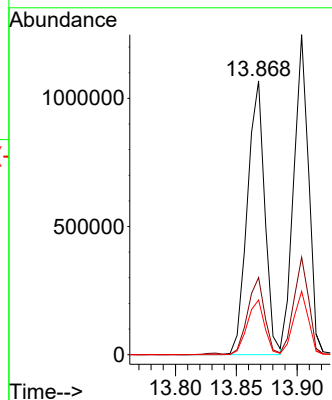
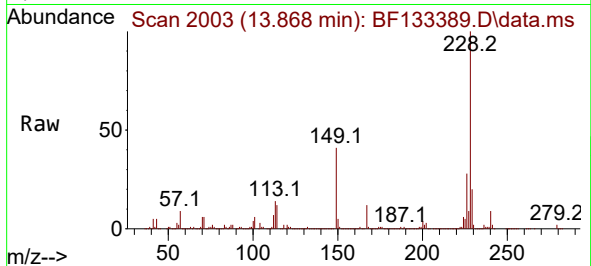




#81
Benzo(a)anthracene
Concen: 45.297 ng
RT: 13.868 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

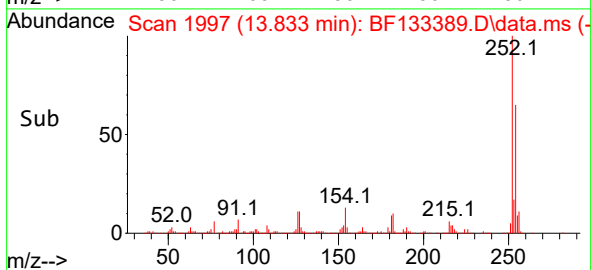
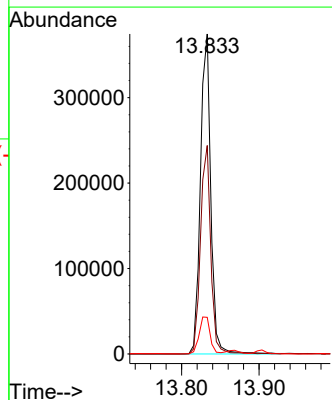
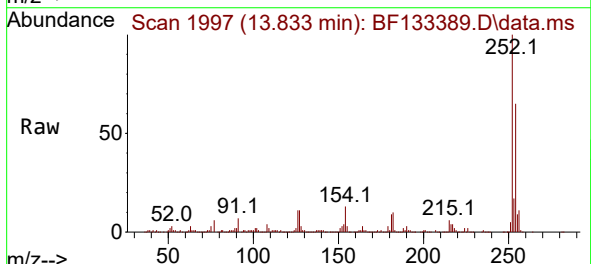
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

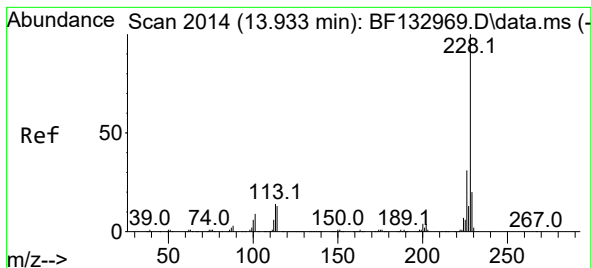
Tgt Ion:228 Resp: 1063299
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.4
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 53.629 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:252 Resp: 347775
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 11.4 9.5 14.3





#83

Chrysene

Concen: 45.433 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-IMS

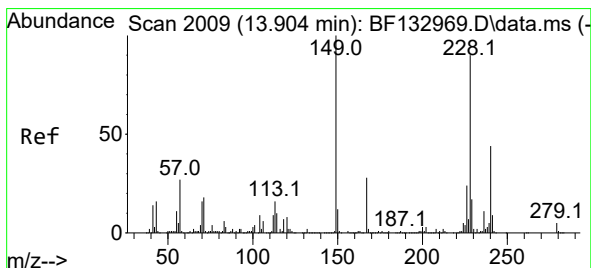
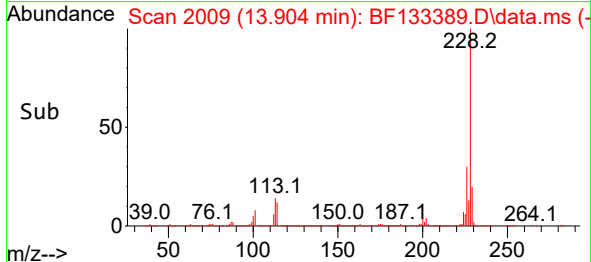
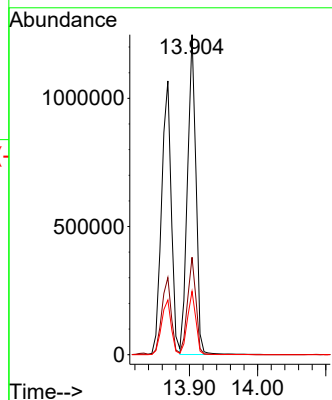
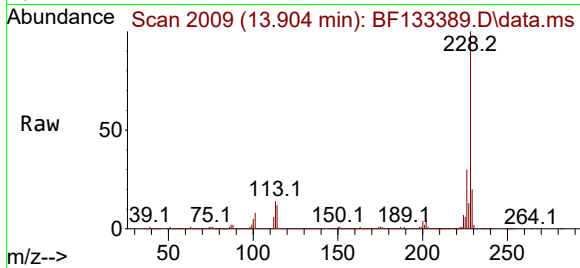
Tgt Ion:228 Resp: 1066232

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.149 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

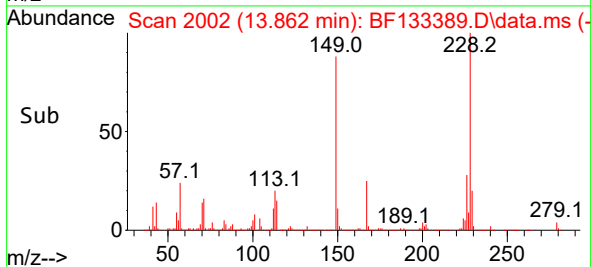
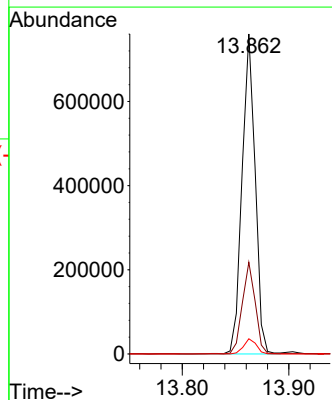
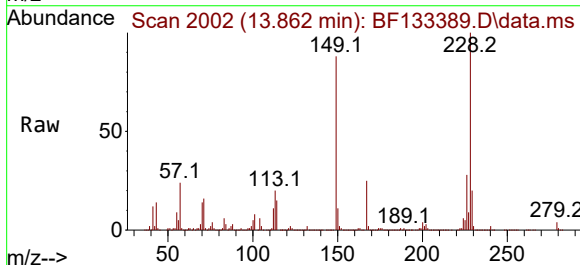
Tgt Ion:149 Resp: 652193

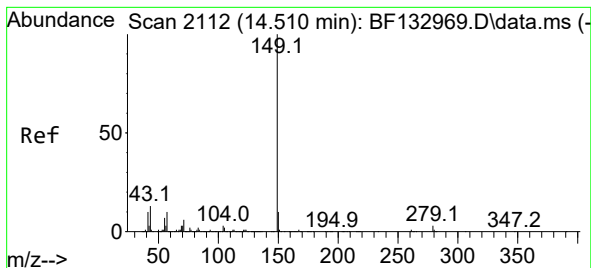
Ion Ratio Lower Upper

149 100

167 28.7 22.5 33.7

279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 59.643 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

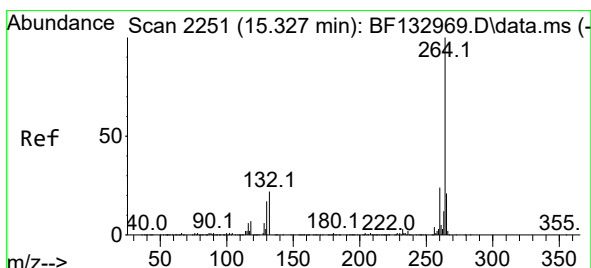
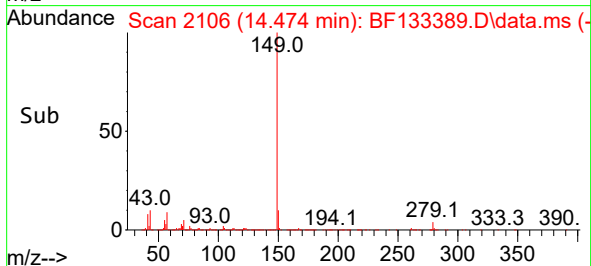
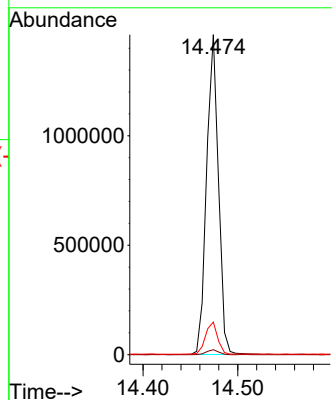
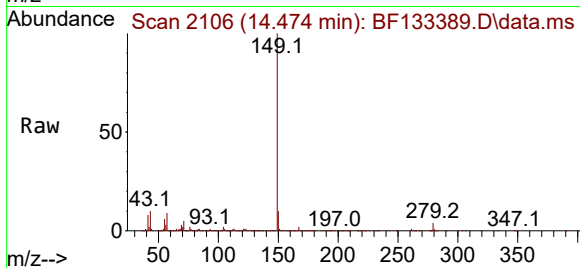
Tgt Ion:149 Resp: 1264742

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

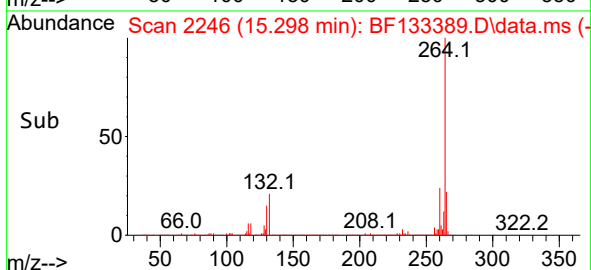
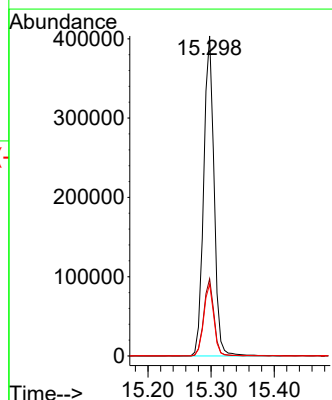
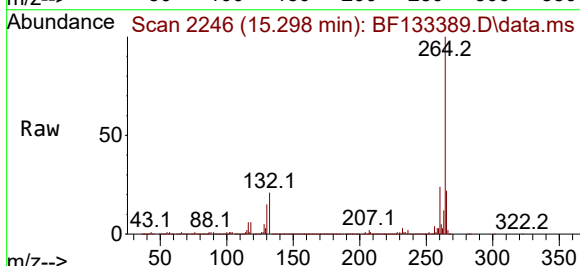
Tgt Ion:264 Resp: 463011

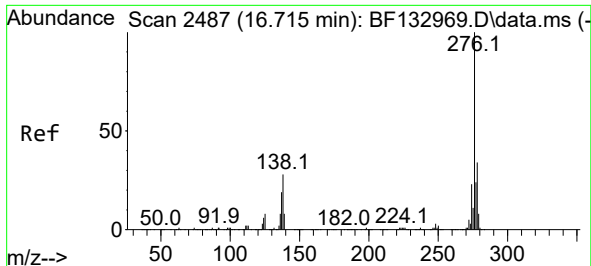
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 22.5 17.0 25.4

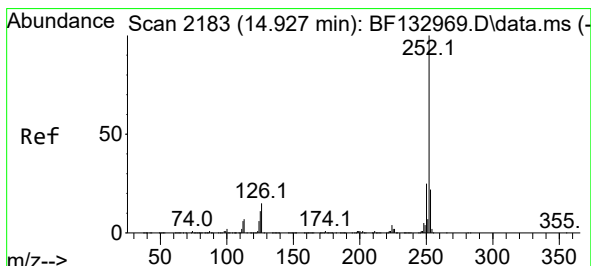
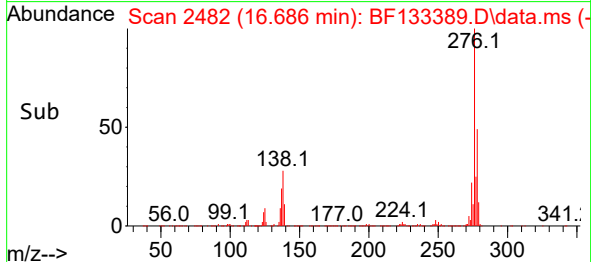
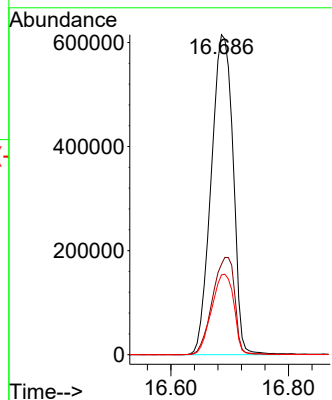
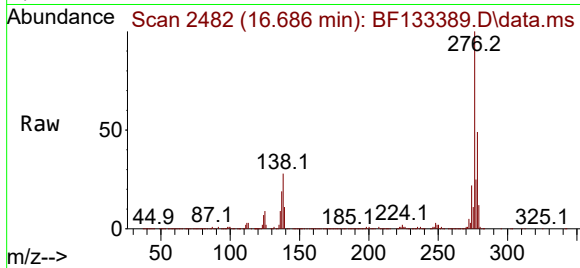




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 60.275 ng
 RT: 16.686 min Scan# 2487
 Delta R.T. 0.006 min
 Lab File: BF133389.D
 Acq: 15 May 2023 18:20

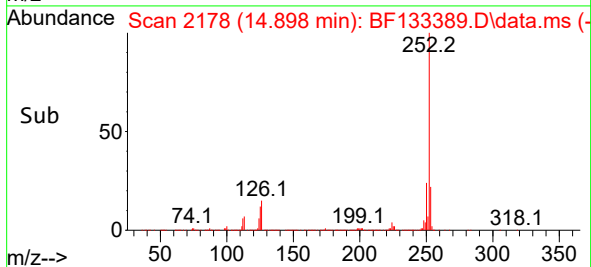
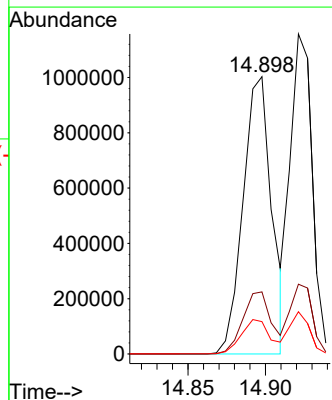
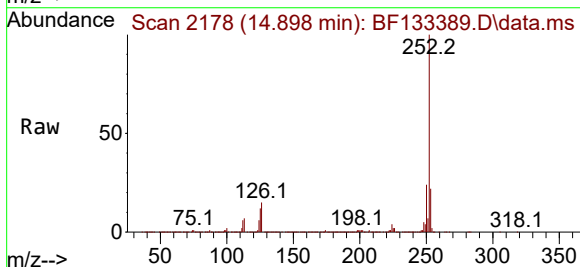
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS

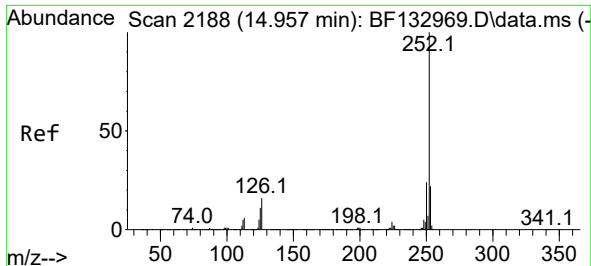
Tgt Ion:276 Resp: 1587459
 Ion Ratio Lower Upper
 276 100
 138 31.1 25.5 38.3
 277 25.7 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 43.765 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF133389.D
 Acq: 15 May 2023 18:20

Tgt Ion:252 Resp: 1289152
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.6 26.4
 125 11.6 8.9 13.3

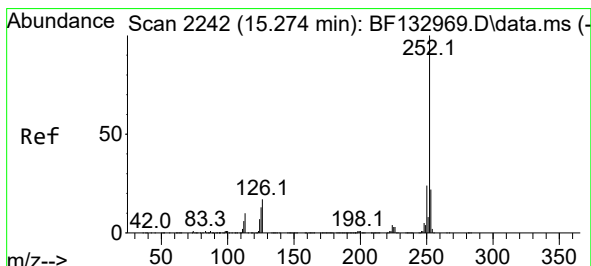
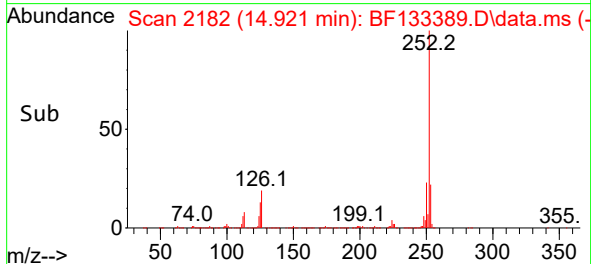
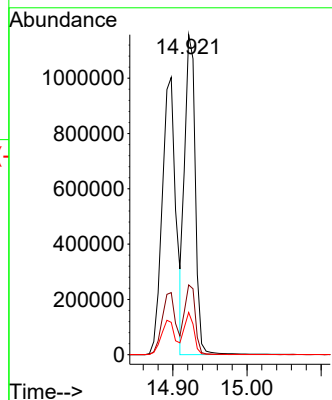
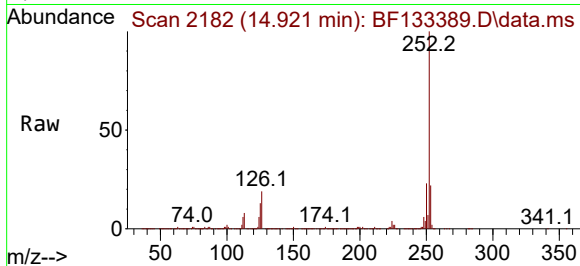




#89
Benzo(k)fluoranthene
Concen: 39.523 ng
RT: 14.921 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

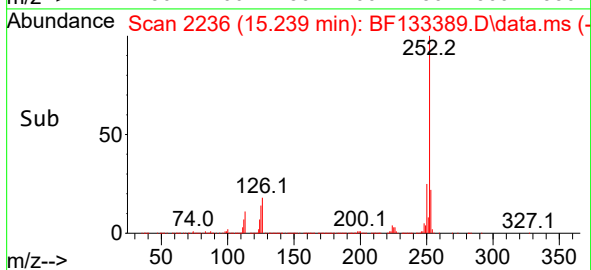
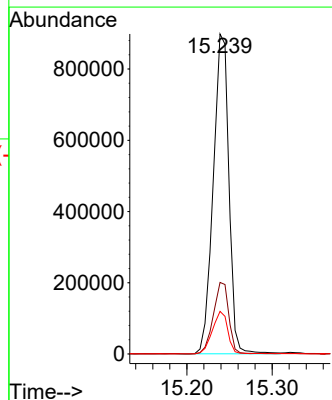
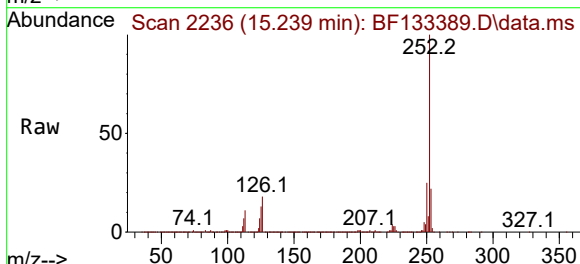
Instrument :
BNA_F
ClientSampleId :
WC-N-1MS

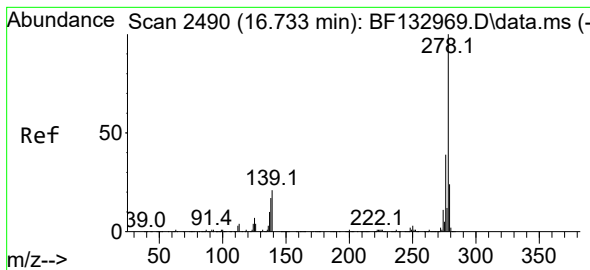
Tgt Ion:252 Resp: 1154060
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 13.2 9.0 13.4



#90
Benzo(a)pyrene
Concen: 42.771 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF133389.D
Acq: 15 May 2023 18:20

Tgt Ion:252 Resp: 1146736
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 13.3 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 59.889 ng

RT: 16.703 min Scan# 2490

Delta R.T. 0.012 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Instrument :

BNA_F

ClientSampleId :

WC-N-1MS

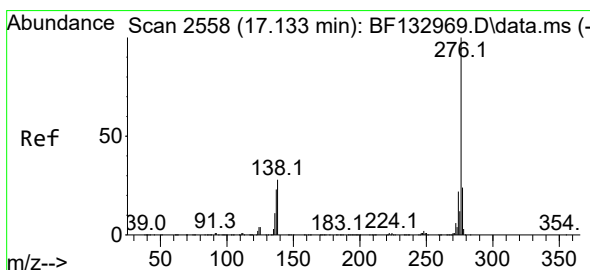
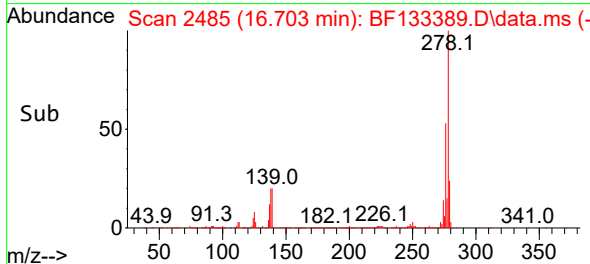
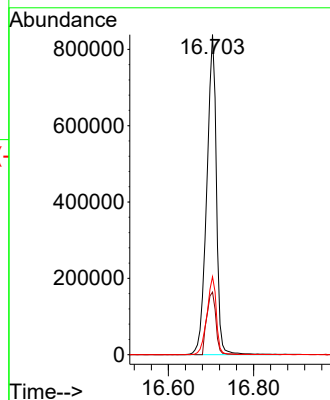
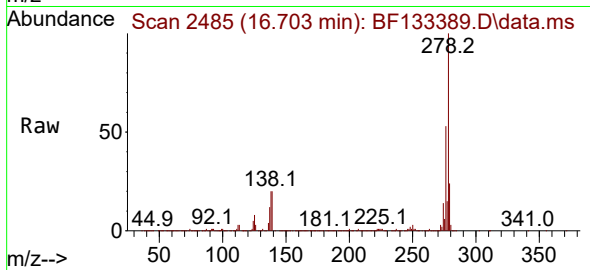
Tgt Ion:278 Resp: 1315546

Ion Ratio Lower Upper

278 100

139 19.6 16.6 24.8

279 24.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 62.639 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.018 min

Lab File: BF133389.D

Acq: 15 May 2023 18:20

Tgt Ion:276 Resp: 1358412

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 26.4 22.7 34.1

