

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130078.D
 Acq On : 01 Sep 2022 14:44
 Operator : CG\JU
 Sample : N4421-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01MSD

Quant Time: Sep 02 03:59:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	264877	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	1057727	20.000	ng	0.00
39) Acenaphthene-d10	9.739	164	522487	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	813811	20.000	ng	0.00
76) Chrysene-d12	13.851	240	517102	20.000	ng	# 0.00
86) Perylene-d12	15.251	264	500113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1872316	120.001	ng	0.03
7) Phenol-d6	6.346	99	2191227	112.649	ng	0.00
23) Nitrobenzene-d5	7.275	82	1532099	93.088	ng	0.00
42) 2,4,6-Tribromophenol	10.528	330	643798	135.363	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2713711	86.112	ng	0.00
79) Terphenyl-d14	12.810	244	2576678	86.410	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	272599	37.385	ng	# 81
3) Pyridine	3.316	79	650325	33.260	ng	90
4) n-Nitrosodimethylamine	3.228	42	326905	42.514	ng	79
6) Aniline	6.369	93	458581	18.804	ng	# 51
8) 2-Chlorophenol	6.487	128	817482	47.736	ng	100
9) Benzaldehyde	6.257	77	320936	26.956	ng	96
10) Phenol	6.357	94	822825	37.423	ng	# 62
11) bis(2-Chloroethyl)ether	6.446	93	813210	48.679	ng	99
12) 1,3-Dichlorobenzene	6.646	146	817565	43.066	ng	97
13) 1,4-Dichlorobenzene	6.722	146	820014	42.882	ng	97
14) 1,2-Dichlorobenzene	6.875	146	778194	44.768	ng	97
15) Benzyl Alcohol	6.851	79	623341	47.543	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.987	45	992770	43.727	ng	# 52
17) 2-Methylphenol	6.963	107	633489	43.968	ng	# 87
18) Hexachloroethane	7.216	117	305863	44.294	ng	94
19) n-Nitroso-di-n-propyla...	7.128	70	514423	43.898	ng	92
20) 3+4-Methylphenols	7.116	107	709791	42.009	ng	# 71
22) Acetophenone	7.122	105	1044433	44.197	ng	# 98
24) Nitrobenzene	7.293	77	784164	44.800	ng	97
25) Isophorone	7.534	82	1476484	44.323	ng	98
26) 2-Nitrophenol	7.604	139	414724	50.259	ng	95
27) 2,4-Dimethylphenol	7.645	122	733270	52.460	ng	97
28) bis(2-Chloroethoxy)met...	7.745	93	965138	48.232	ng	98
29) 2,4-Dichlorophenol	7.845	162	645001	43.140	ng	98
30) 1,2,4-Trichlorobenzene	7.928	180	663025	42.057	ng	98
31) Naphthalene	8.010	128	2238958	41.970	ng	99
32) Benzoic acid	7.751	122	233309	24.216	ng	96
33) 4-Chloroaniline	8.057	127	308509	14.314	ng	98
34) Hexachlorobutadiene	8.128	225	373453	41.363	ng	99
35) Caprolactam	8.445	113	161442	34.844	ng	95
36) 4-Chloro-3-methylphenol	8.545	107	644191	42.579	ng	93
37) 2-Methylnaphthalene	8.698	142	1484218	43.191	ng	98
38) 1-Methylnaphthalene	8.798	142	1386702	41.516	ng	99
40) 1,2,4,5-Tetrachloroben...	8.863	216	596639	43.792	ng	98
41) Hexachlorocyclopentadiene	8.851	237	671396	94.293	ng	98
43) 2,4,6-Trichlorophenol	8.975	196	440112	45.255	ng	98

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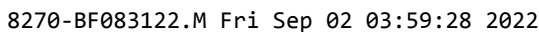
Instrument :
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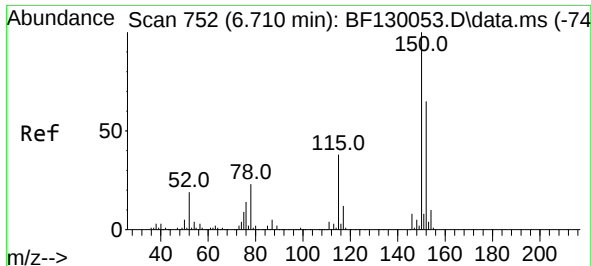
Quant Time: Sep 02 03:59:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	436960	41.454	ng	96
46) 1,1'-Biphenyl	9.163	154	1711068	45.077	ng	99
47) 2-Chloronaphthalene	9.187	162	1327448	43.646	ng	99
48) 2-Nitroaniline	9.287	65	387957	51.763	ng	91
49) Acenaphthylene	9.604	152	1988568	43.057	ng	99
50) Dimethylphthalate	9.475	163	1488741	41.833	ng	100
51) 2,6-Dinitrotoluene	9.534	165	348397	50.212	ng	# 85
52) Acenaphthene	9.775	154	1226545	42.140	ng	99
53) 3-Nitroaniline	9.698	138	231743	29.099	ng	94
54) 2,4-Dinitrophenol	9.798	184	49082	22.098	ng	# 84
55) Dibenzofuran	9.945	168	1770256	42.473	ng	99
56) 4-Nitrophenol	9.863	139	502837	81.896	ng	88
57) 2,4-Dinitrotoluene	9.934	165	431388	54.002	ng	# 83
58) Fluorene	10.286	166	1313387	41.415	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.063	232	321187	39.231	ng	# 80
60) Diethylphthalate	10.175	149	1440136	41.830	ng	100
61) 4-Chlorophenyl-phenyle...	10.281	204	589212	42.030	ng	99
62) 4-Nitroaniline	10.316	138	362970	46.863	ng	93
63) Azobenzene	10.439	77	1367019	40.328	ng	96
65) 4,6-Dinitro-2-methylph...	10.333	198	57450	19.176	ng	97
66) n-Nitrosodiphenylamine	10.404	169	1207504	44.385	ng	98
67) 4-Bromophenyl-phenylether	10.769	248	405565	44.804	ng	99
68) Hexachlorobenzene	10.828	284	441270	44.738	ng	98
69) Atrazine	10.933	200	371990	48.333	ng	96
70) Pentachlorophenol	11.028	266	292663	53.062	ng	96
71) Phenanthrene	11.245	178	1876702	42.523	ng	99
72) Anthracene	11.298	178	1893363	43.640	ng	99
73) Carbazole	11.457	167	1795227	44.871	ng	99
74) Di-n-butylphthalate	11.792	149	2110456	43.746	ng	100
75) Fluoranthene	12.427	202	1908449	43.607	ng	96
77) Benzidine	12.557	184	639270	45.789	ng	99
78) Pyrene	12.657	202	1936435	41.750	ng	99
80) Butylbenzylphthalate	13.286	149	881054	47.758	ng	97
81) Benzo(a)anthracene	13.839	228	1509532	42.597	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	356464	32.256	ng	98
83) Chrysene	13.880	228	1492759	42.726	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1055219	46.017	ng	100
85) Di-n-octyl phthalate	14.457	149	1908677	52.693	ng	98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1506656	45.671	ng	# 95
88) Benzo(b)fluoranthene	14.857	252	1485978	44.556	ng	98
89) Benzo(k)fluoranthene	14.886	252	1391153	43.130	ng	98
90) Benzo(a)pyrene	15.198	252	1249729	47.158	ng	98
91) Dibenzo(a,h)anthracene	16.627	278	1278107	47.347	ng	# 96
92) Benzo(g,h,i)perylene	17.015	276	1313662	48.640	ng	# 91

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

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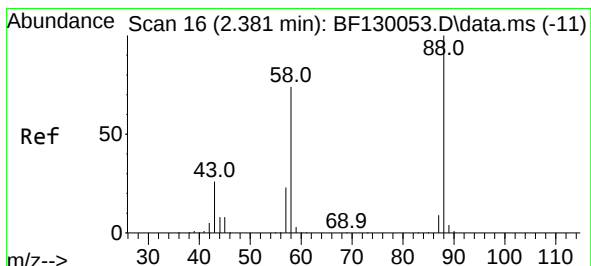
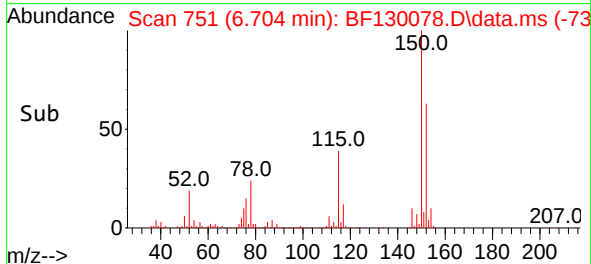
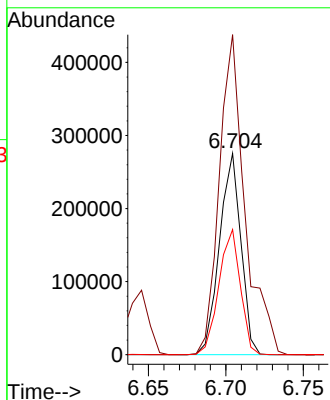
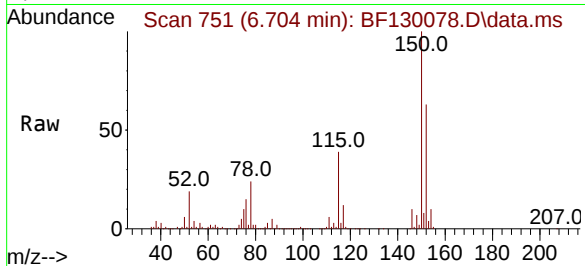




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130078.D
 Acq: 01 Sep 2022 14:44

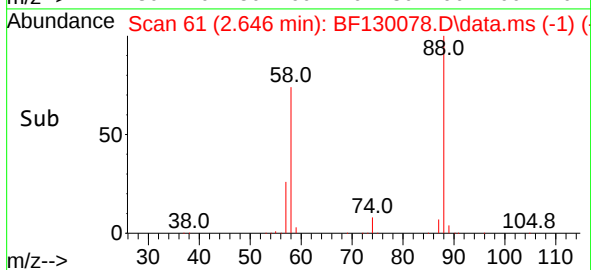
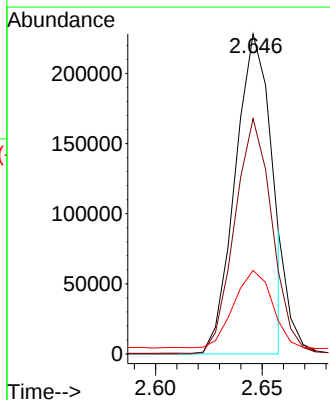
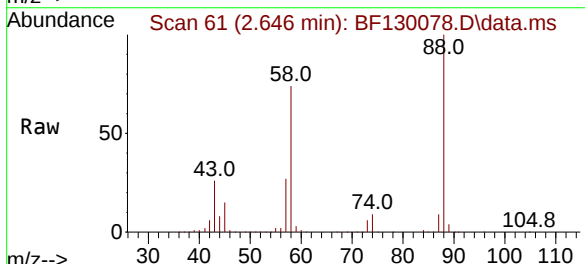
Instrument :
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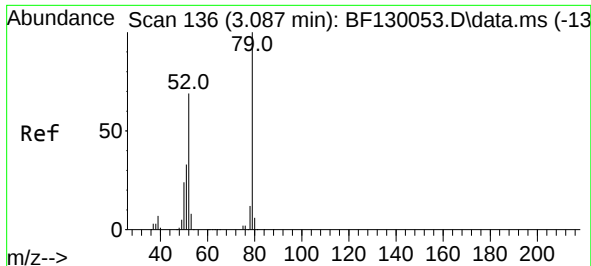
Tgt Ion:152 Resp: 264877
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.9 190.3
 115 62.1 53.4 80.0



#2
 1,4-Dioxane
 Concen: 37.385 ng
 RT: 2.646 min Scan# 61
 Delta R.T. 0.265 min
 Lab File: BF130078.D
 Acq: 01 Sep 2022 14:44

Tgt Ion: 88 Resp: 272599
 Ion Ratio Lower Upper
 88 100
 58 72.3 60.9 91.3
 43 0.0 23.6 35.4#

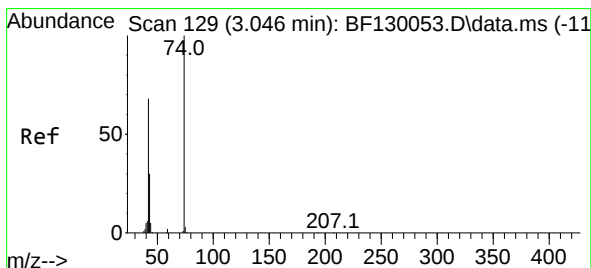
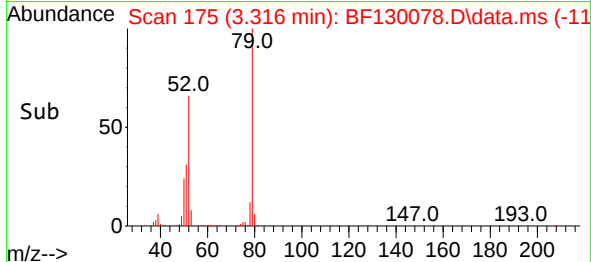
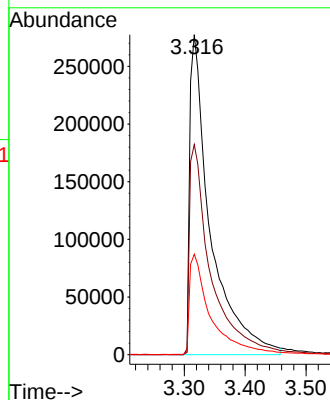
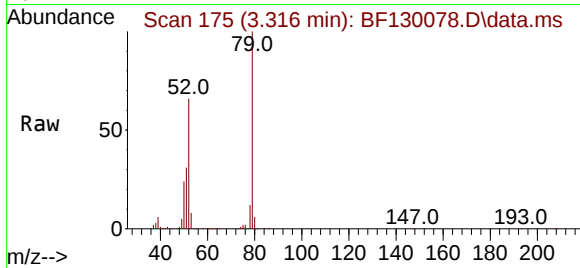




#3
Pyridine
Concen: 33.260 ng
RT: 3.316 min Scan# 11
Delta R.T. 0.229 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

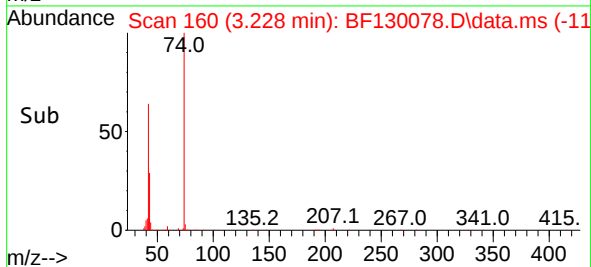
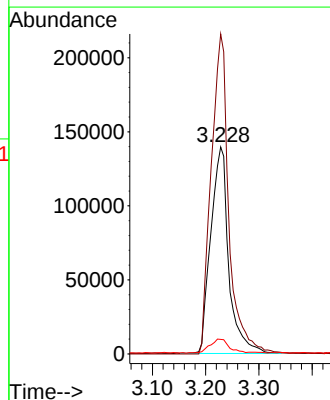
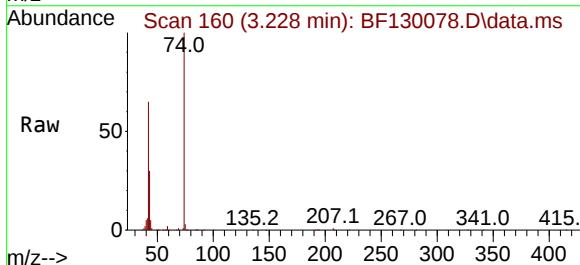
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

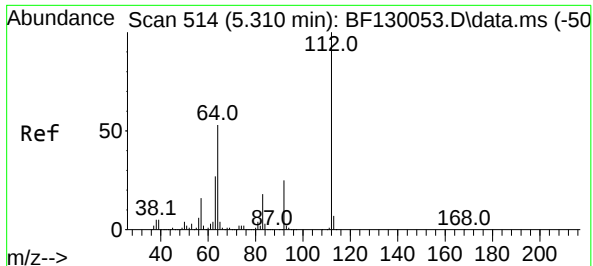
Tgt Ion: 79 Resp: 650325
Ion Ratio Lower Upper
79 100
52 65.7 59.4 89.2
51 31.4 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 42.514 ng
RT: 3.228 min Scan# 160
Delta R.T. 0.182 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion: 42 Resp: 326905
Ion Ratio Lower Upper
42 100
74 154.6 103.1 154.7
44 7.0 5.4 8.2

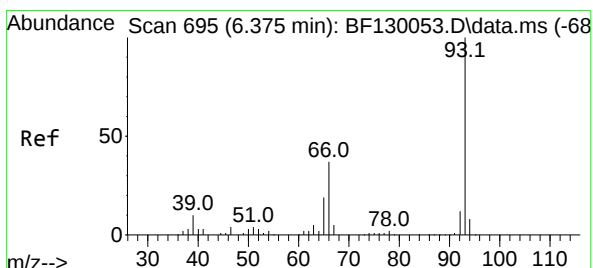
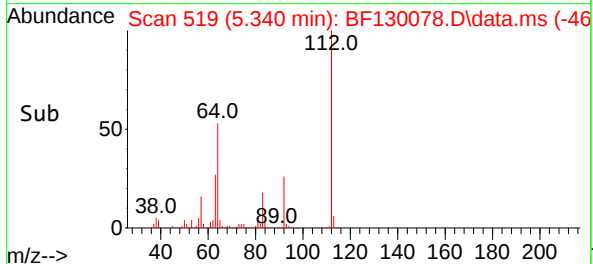
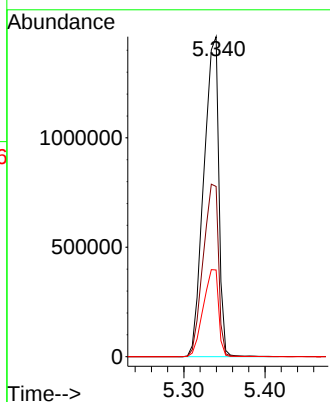
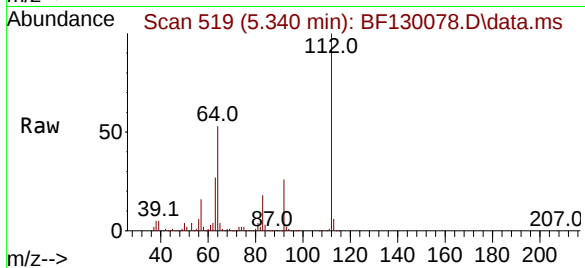




#5
2-Fluorophenol
Concen: 120.001 ng
RT: 5.340 min Scan# 514
Delta R.T. 0.030 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

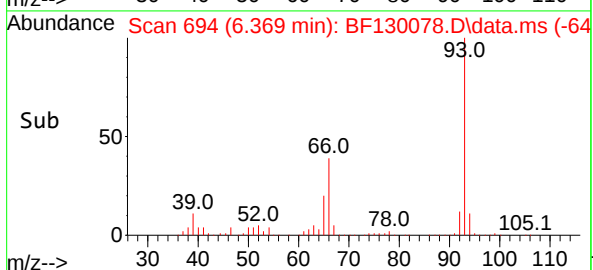
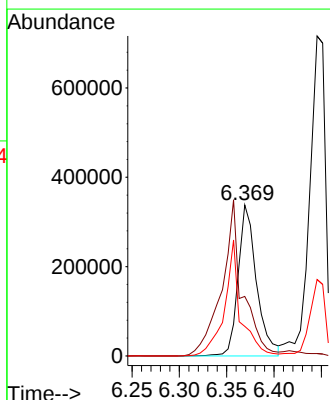
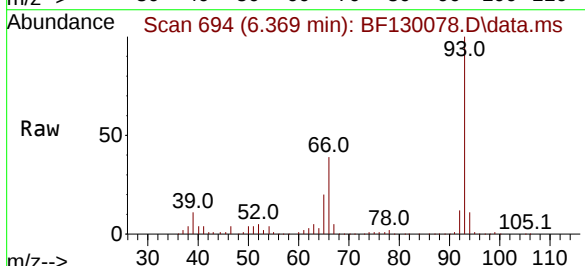
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

Tgt Ion:112 Resp: 1872316
Ion Ratio Lower Upper
112 100
64 53.2 47.6 71.4
63 27.1 24.6 37.0



#6
Aniline
Concen: 18.804 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion: 93 Resp: 458581
Ion Ratio Lower Upper
93 100
66 39.3 68.7 103.1#
65 19.6 41.6 62.4#



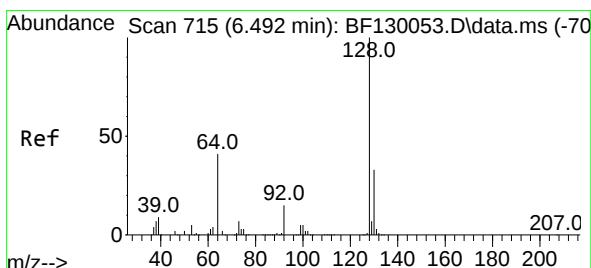
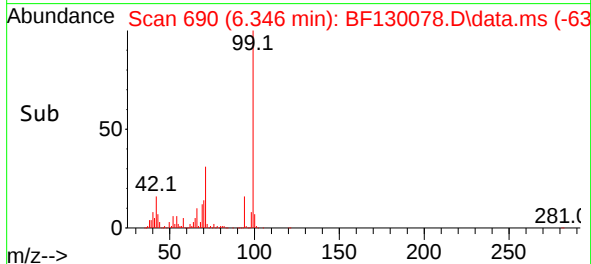
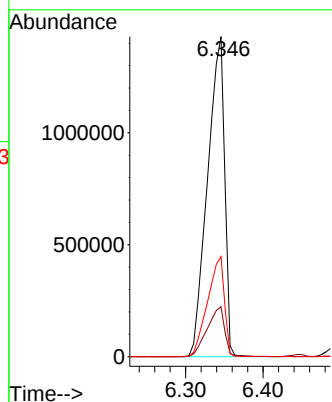
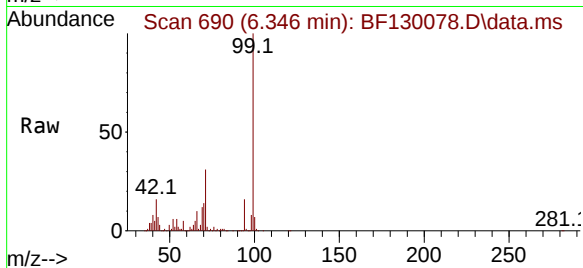


#7
Phenol-d6
Concen: 112.649 ng
RT: 6.346 min Scan# 690
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

Tgt Ion: 99 Resp: 2191227

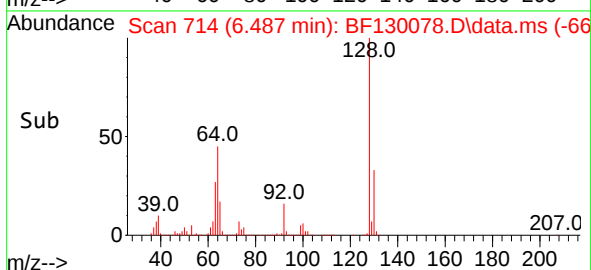
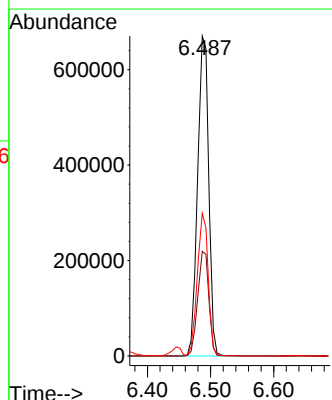
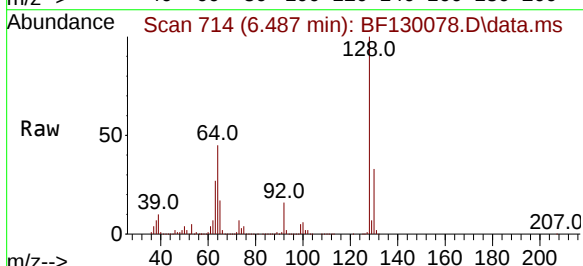
Ion	Ratio	Lower	Upper
99	100		
42	15.6	15.0	22.4
71	31.3	28.8	43.2

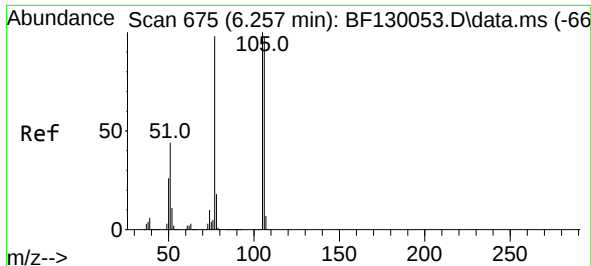


#8
2-Chlorophenol
Concen: 47.736 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:128 Resp: 817482

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	44.6	24.9	64.9

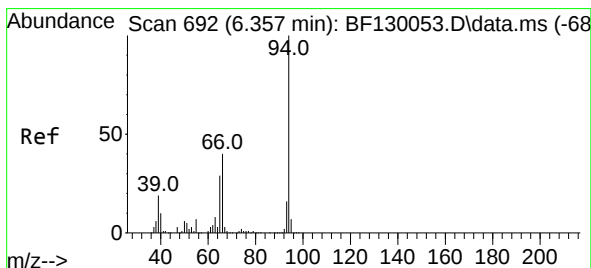
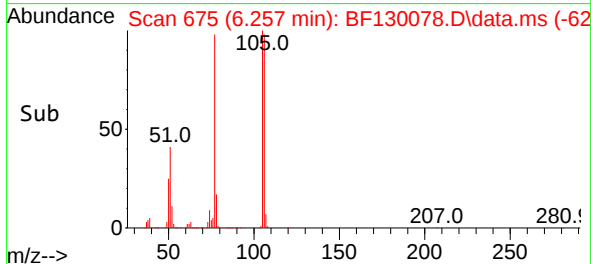
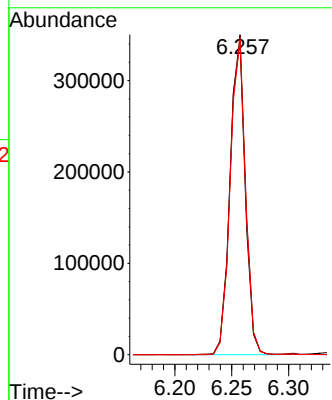
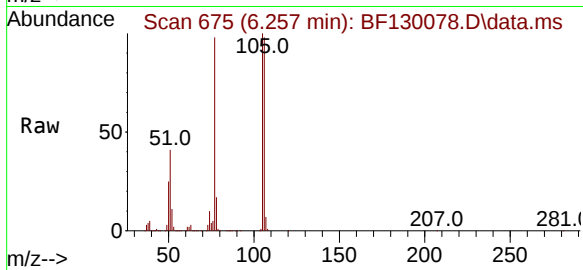




#9
Benzaldehyde
Concen: 26.956 ng
RT: 6.257 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF130078.D
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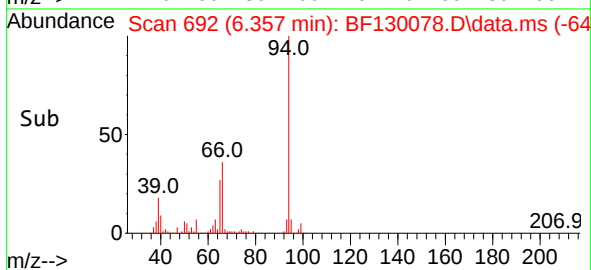
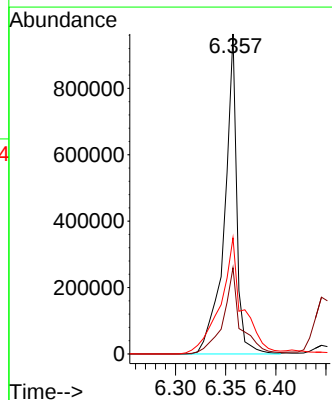
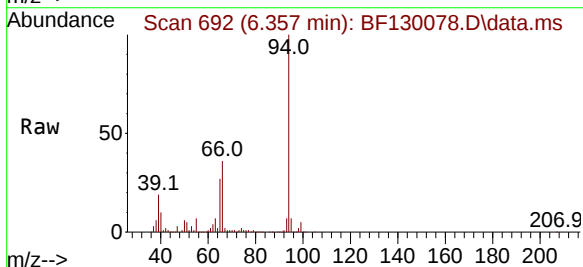
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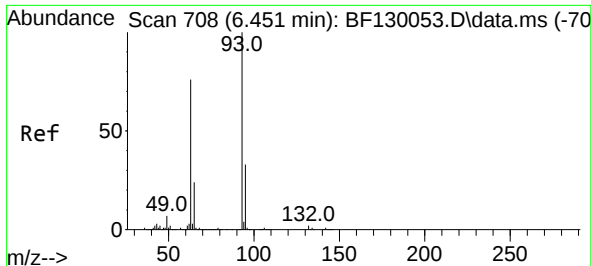
Tgt Ion: 77 Resp: 320936
Ion Ratio Lower Upper
77 100
105 102.2 80.3 120.3
106 100.6 74.3 114.3



#10
Phenol
Concen: 37.423 ng
RT: 6.357 min Scan# 692
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion: 94 Resp: 822825
Ion Ratio Lower Upper
94 100
65 26.9 24.9 64.9
66 36.3 54.2 94.2#

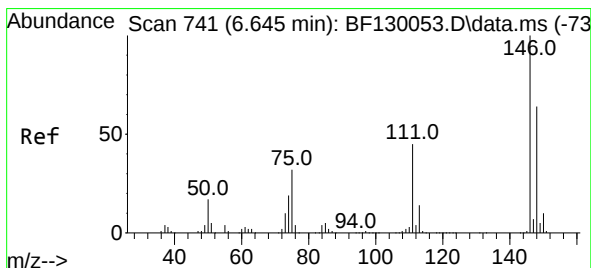
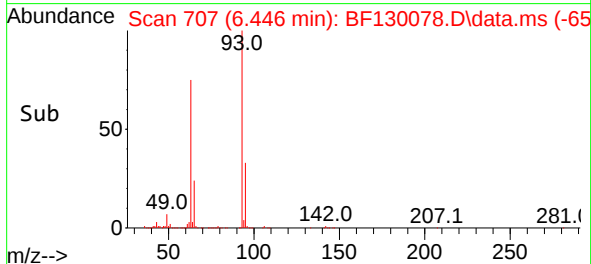
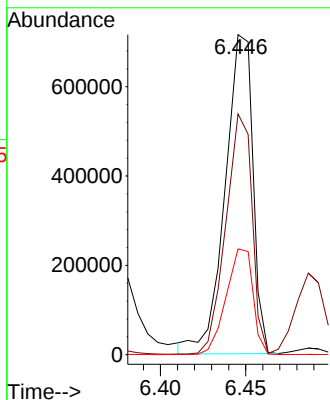
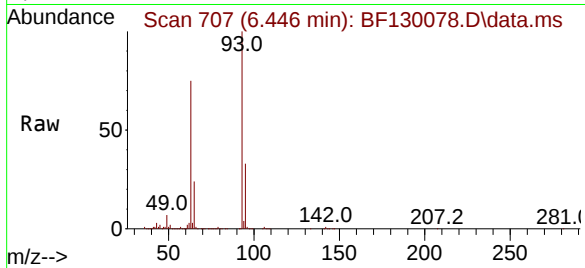




#11
bis(2-Chloroethyl)ether
Concen: 48.679 ng
RT: 6.446 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

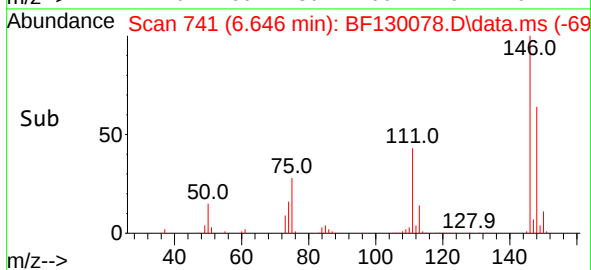
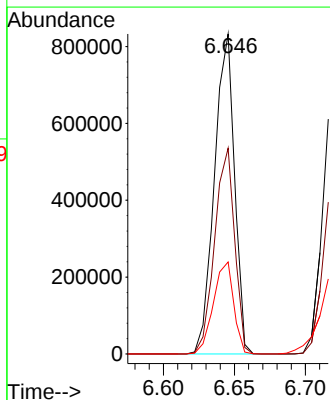
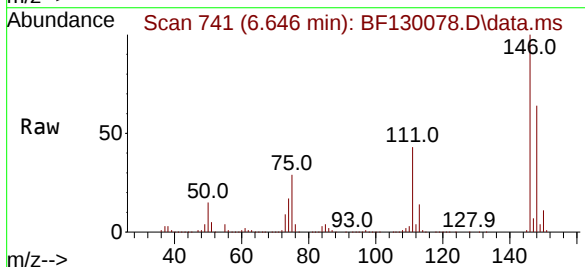
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

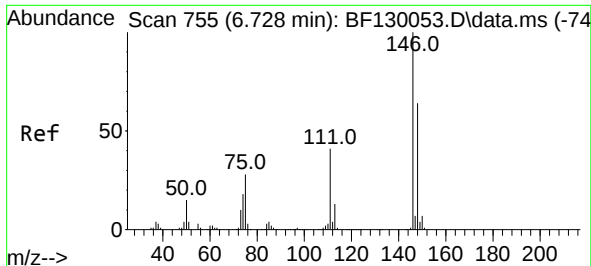
Tgt Ion: 93 Resp: 813210
Ion Ratio Lower Upper
93 100
63 75.3 55.9 95.9
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.066 ng
RT: 6.646 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:146 Resp: 817565
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 28.8 26.5 39.7

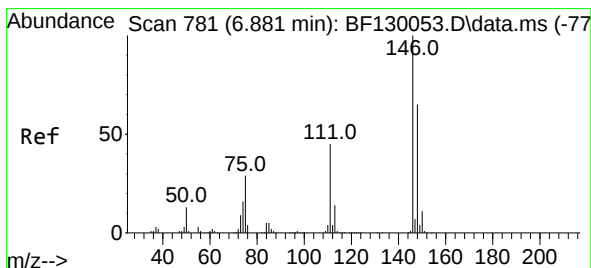
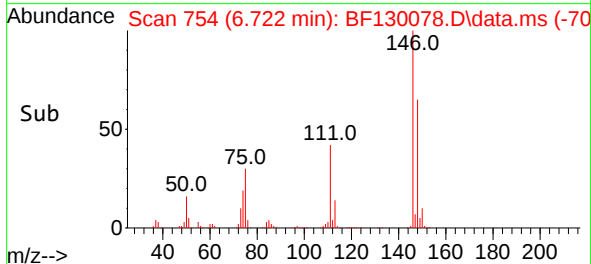
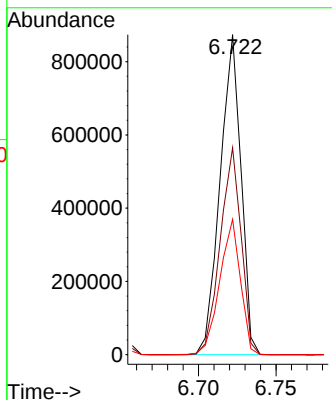
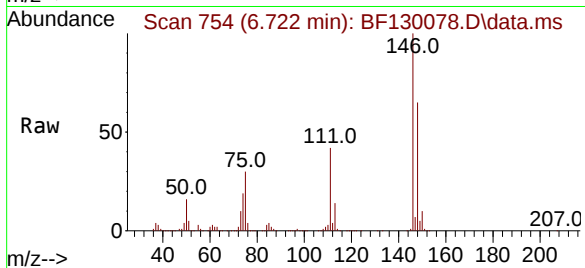




#13
1,4-Dichlorobenzene
Concen: 42.882 ng
RT: 6.722 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

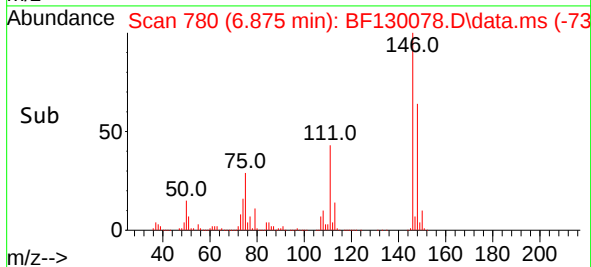
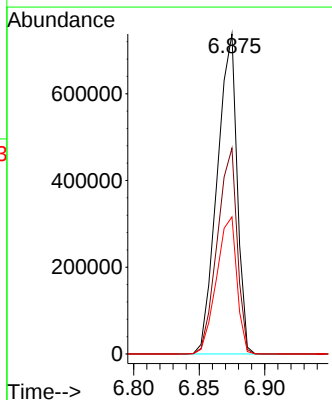
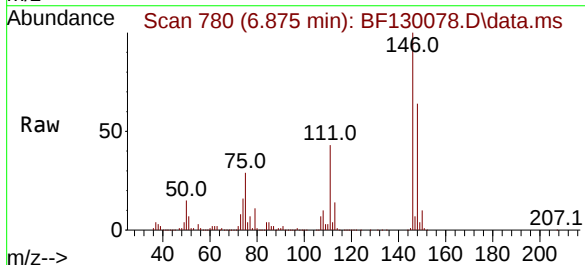
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

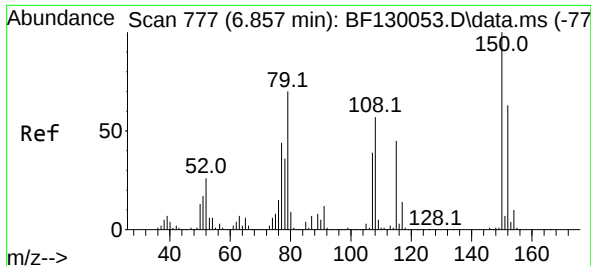
Tgt Ion:146 Resp: 820014
Ion Ratio Lower Upper
146 100
148 64.7 50.6 75.8
111 42.3 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 44.768 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:146 Resp: 778194
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 42.9 37.2 55.8

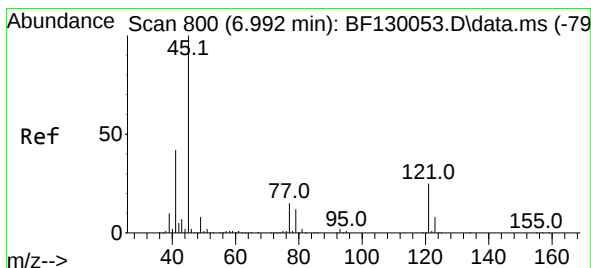
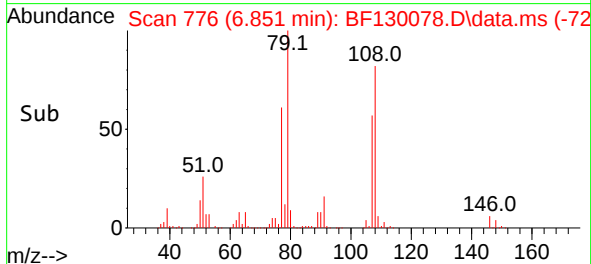
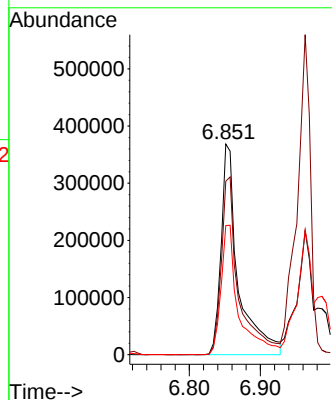
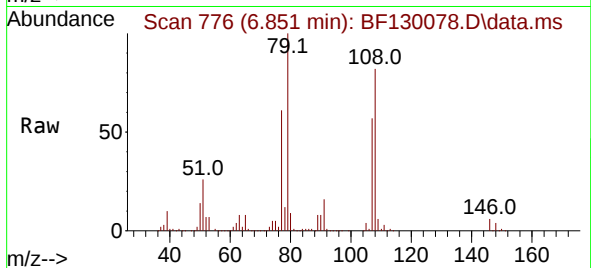




#15
Benzyl Alcohol
Concen: 47.543 ng
RT: 6.851 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

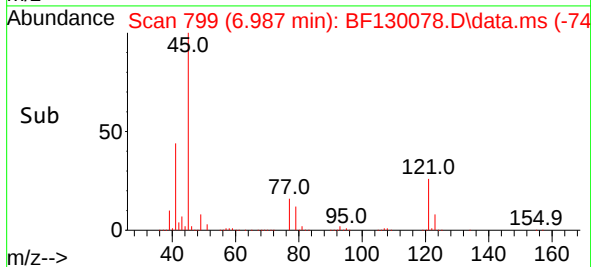
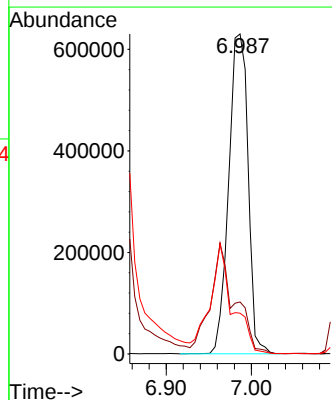
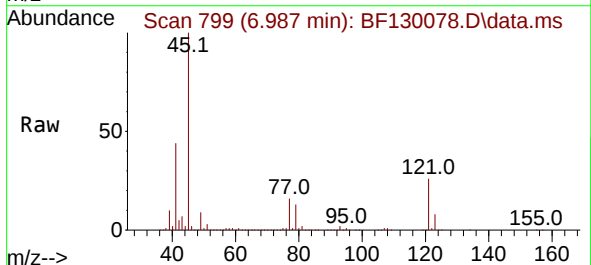
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

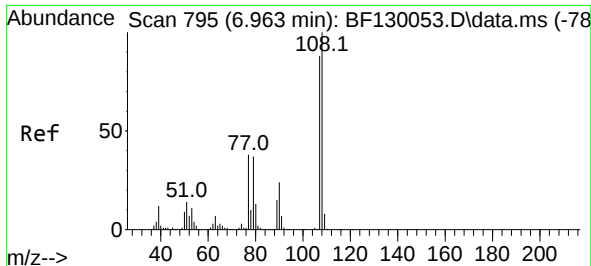
Tgt Ion: 79 Resp: 623341
Ion Ratio Lower Upper
79 100
108 82.4 59.2 88.8
77 61.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.727 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion: 45 Resp: 992770
Ion Ratio Lower Upper
45 100
77 16.2 27.4 67.4#
79 12.8 24.4 64.4#

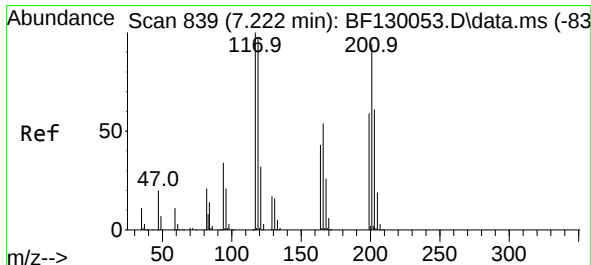
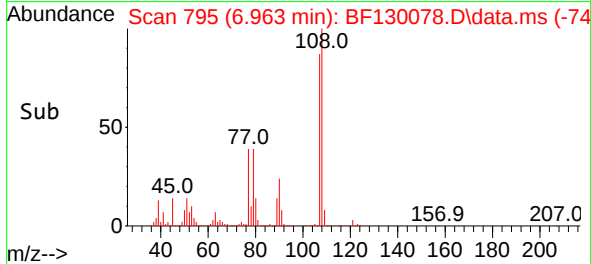
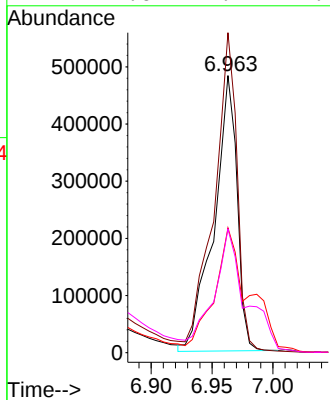
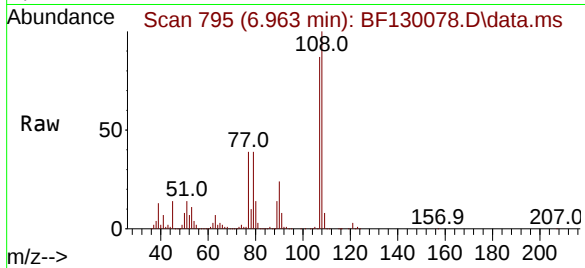




#17
2-Methylphenol
Concen: 43.968 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

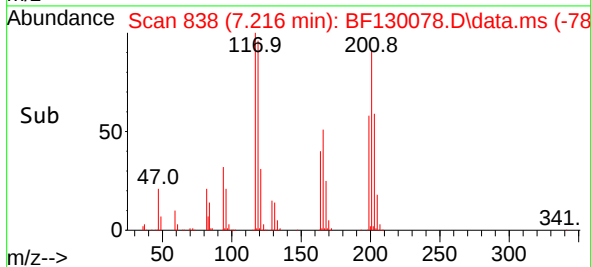
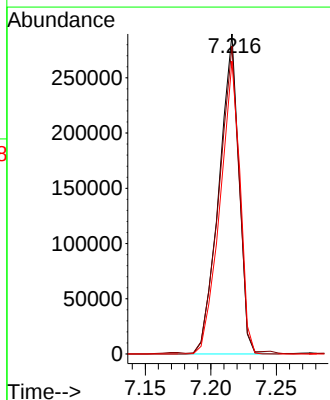
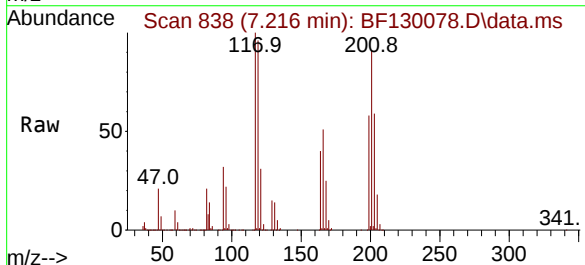
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

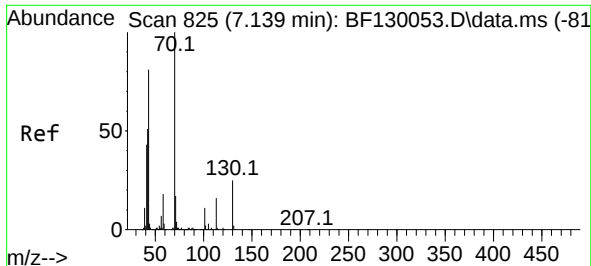
Tgt Ion:107 Resp: 633489
Ion Ratio Lower Upper
107 100
108 115.4 90.2 135.2
77 45.1 51.8 77.8#
79 44.6 47.4 71.2#



#18
Hexachloroethane
Concen: 44.294 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:117 Resp: 305863
Ion Ratio Lower Upper
117 100
119 96.2 79.1 118.7
201 91.5 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.898 ng

RT: 7.128 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130078.D

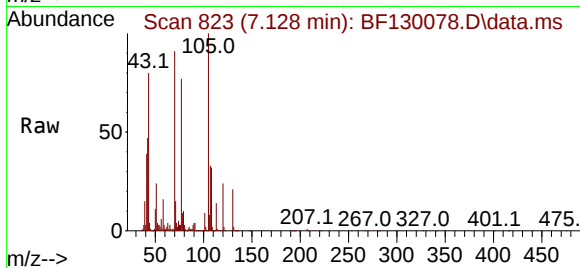
Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD



Tgt Ion: 70 Resp: 514423

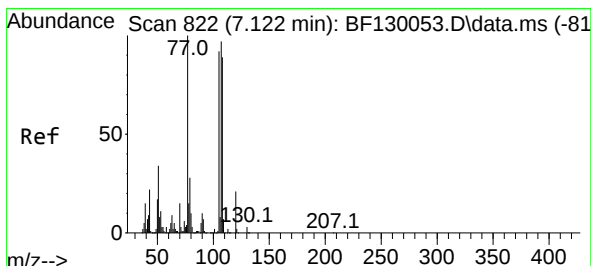
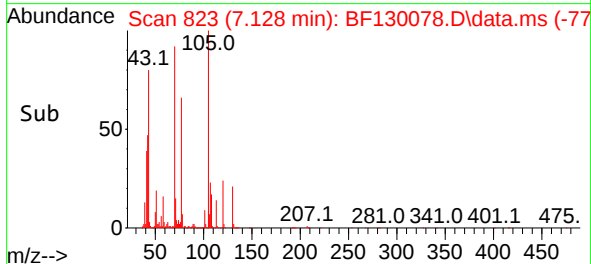
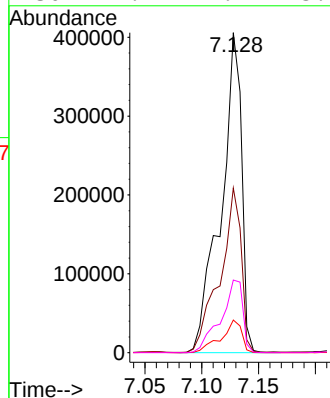
Ion Ratio Lower Upper

70 100

42 51.5 47.6 71.4

101 10.2 8.1 12.1

130 22.7 17.2 25.8



#20

3+4-Methylphenols

Concen: 42.009 ng

RT: 7.116 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Tgt Ion: 107 Resp: 709791

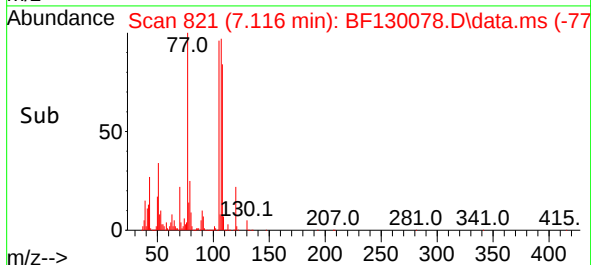
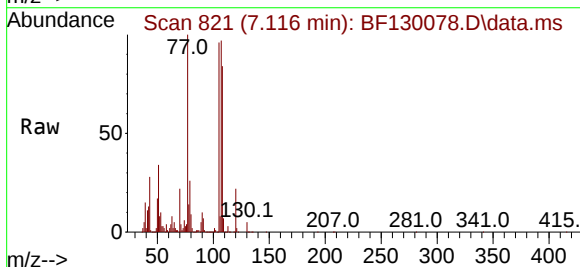
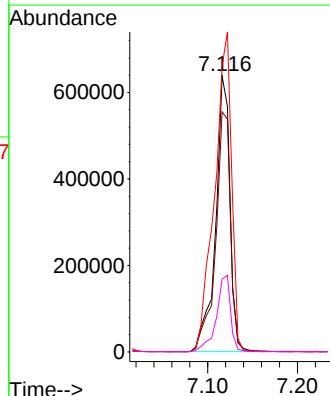
Ion Ratio Lower Upper

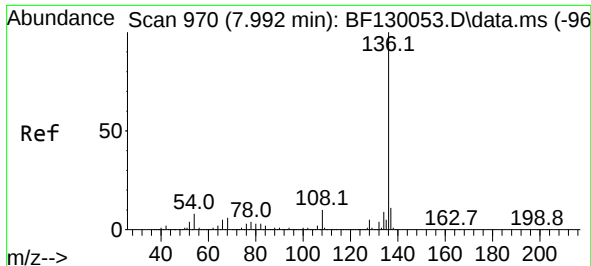
107 100

108 87.1 71.3 111.3

77 103.6 20.4 60.4#

79 26.4 11.1 51.1

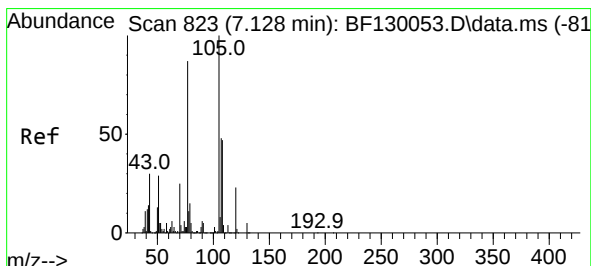
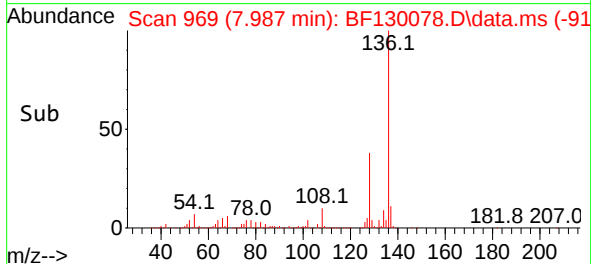
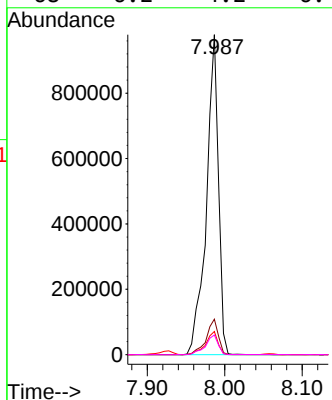
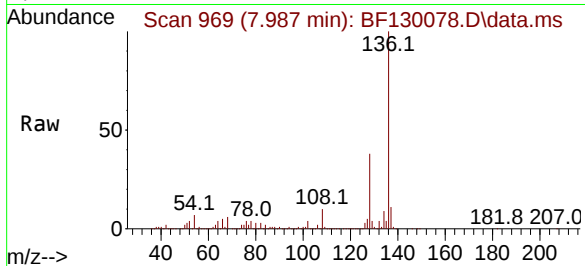




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 91
Delta R.T. -0.005 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

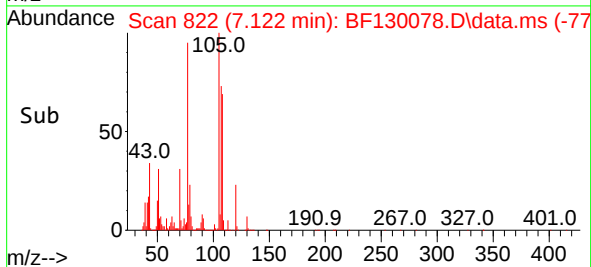
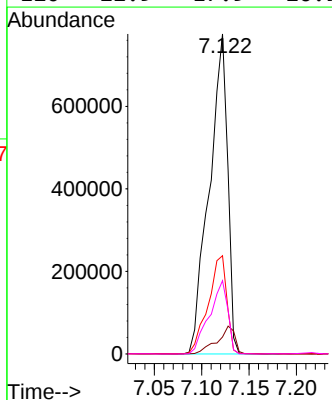
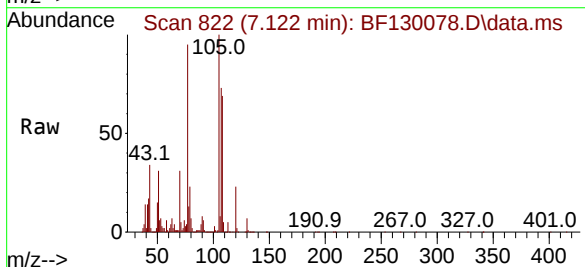
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

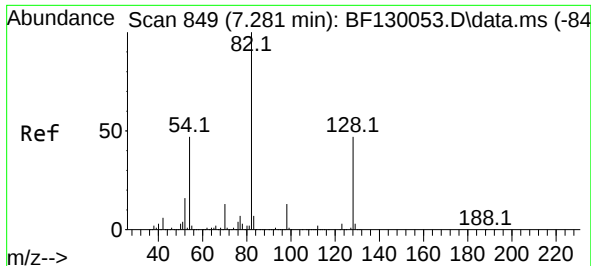
Tgt Ion:136 Resp: 1057727
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.2 6.2 9.2
68 6.2 4.2 6.4



#22
Acetophenone
Concen: 44.197 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:105 Resp: 1044433
Ion Ratio Lower Upper
105 100
71 5.3 6.6 9.8#
51 30.7 23.8 35.8
120 22.9 17.9 26.9

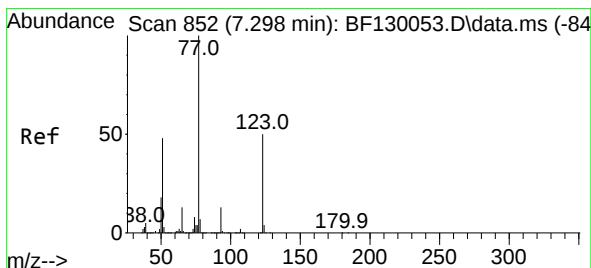
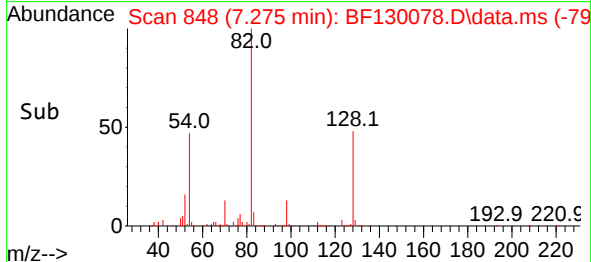
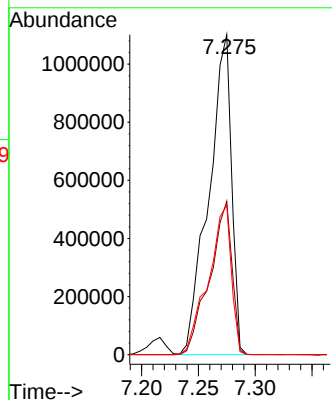
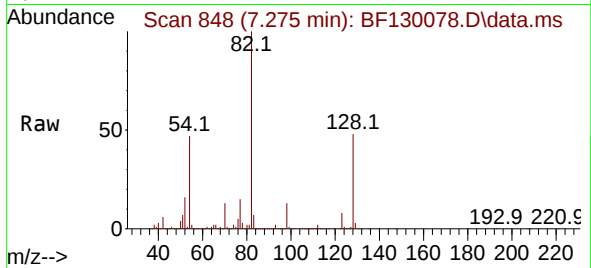




#23
Nitrobenzene-d5
Concen: 93.088 ng
RT: 7.275 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

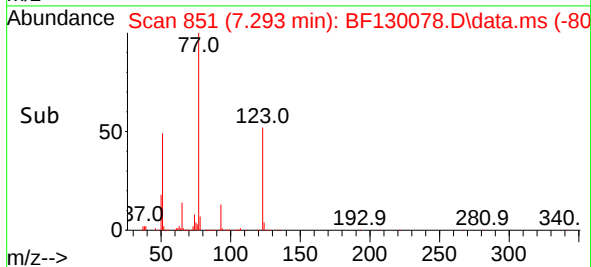
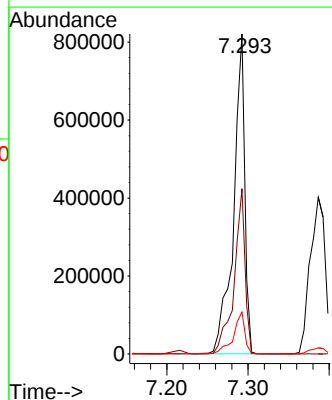
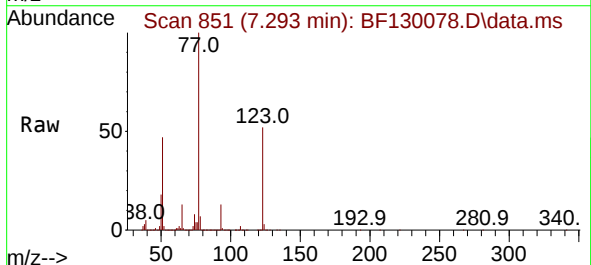
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

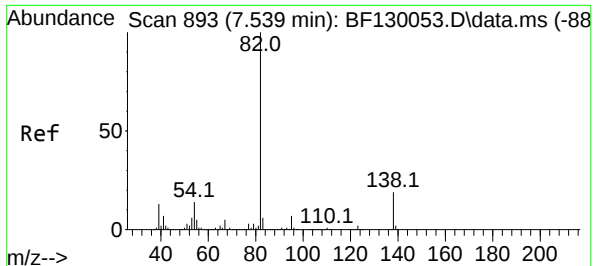
Tgt Ion: 82 Resp: 1532099
Ion Ratio Lower Upper
82 100
128 47.9 36.1 54.1
54 46.6 40.0 60.0



#24
Nitrobenzene
Concen: 44.800 ng
RT: 7.293 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion: 77 Resp: 784164
Ion Ratio Lower Upper
77 100
123 51.7 39.2 58.8
65 13.1 11.1 16.7

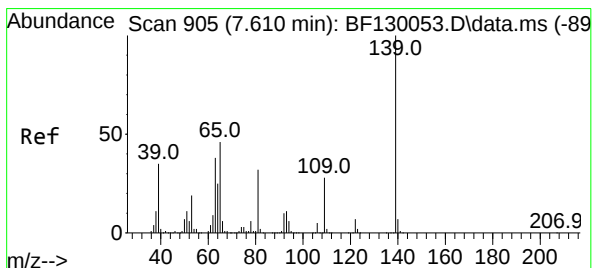
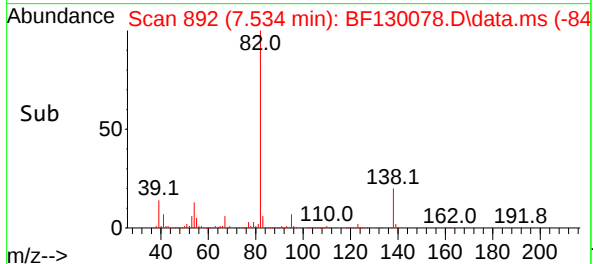
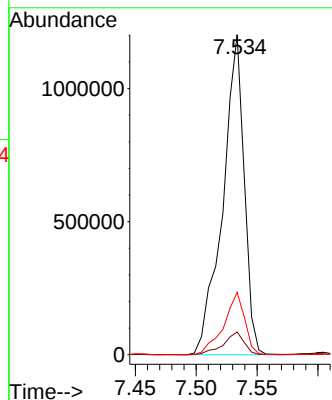
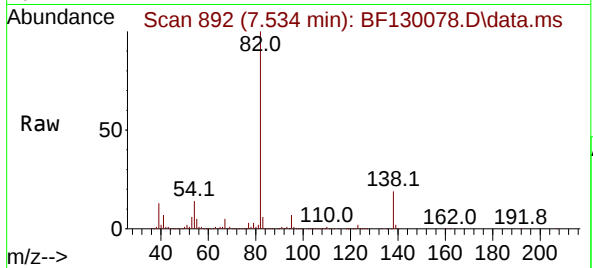




#25
Isophorone
Concen: 44.323 ng
RT: 7.534 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

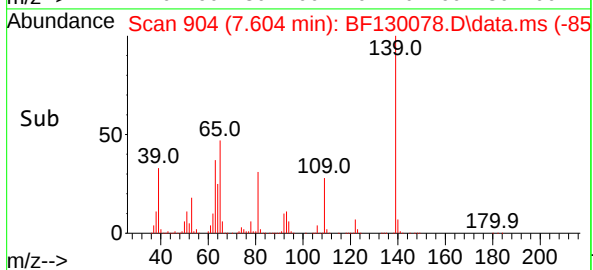
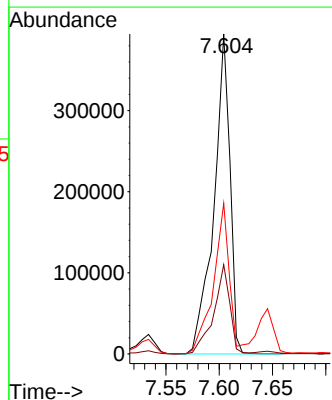
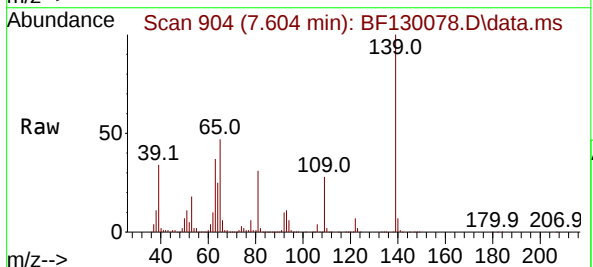
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

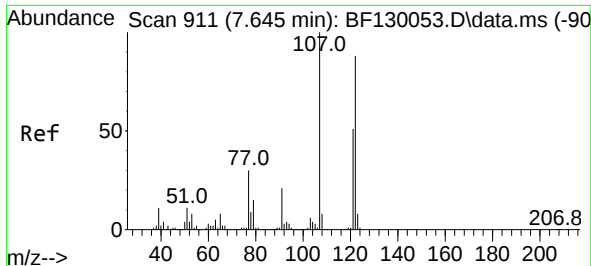
Tgt Ion: 82 Resp: 1476484
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 19.4 14.6 21.8



#26
2-Nitrophenol
Concen: 50.259 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion: 139 Resp: 414724
Ion Ratio Lower Upper
139 100
109 27.9 24.4 36.6
65 47.1 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 52.460 ng

RT: 7.645 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130078.D

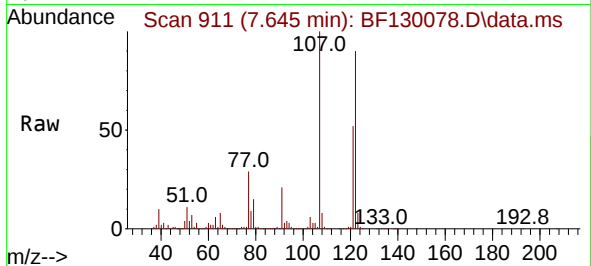
Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD



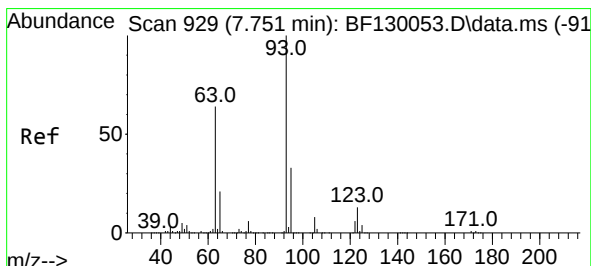
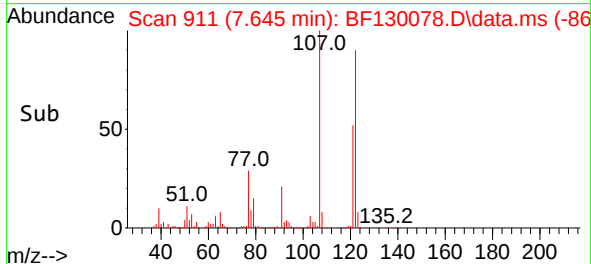
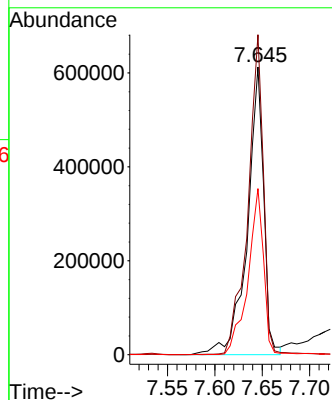
Tgt Ion:122 Resp: 733270

Ion Ratio Lower Upper

122 100

107 111.2 92.2 138.4

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.232 ng

RT: 7.745 min Scan# 928

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

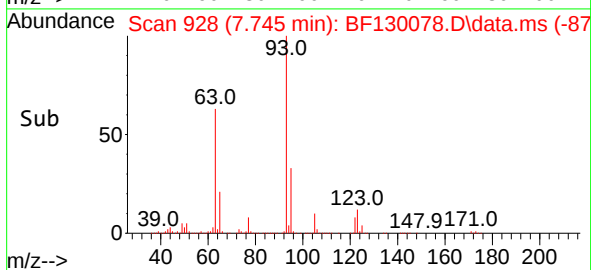
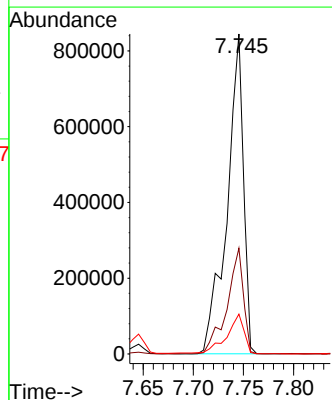
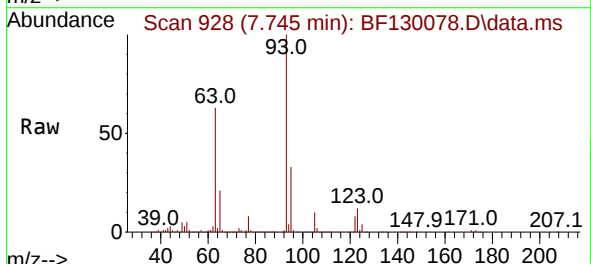
Tgt Ion: 93 Resp: 965138

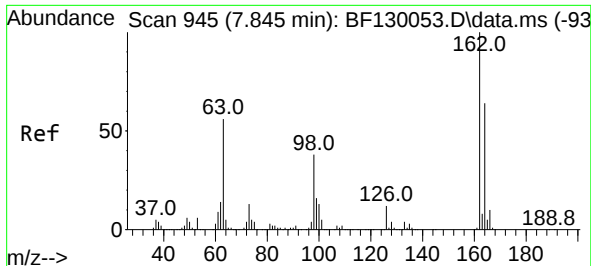
Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

123 12.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 43.140 ng

RT: 7.845 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

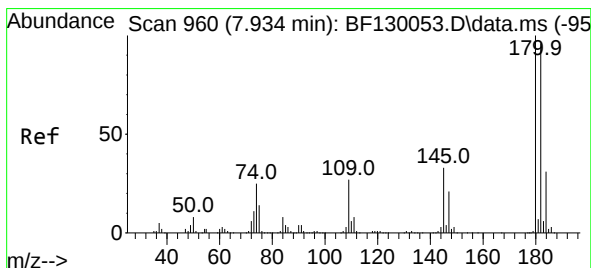
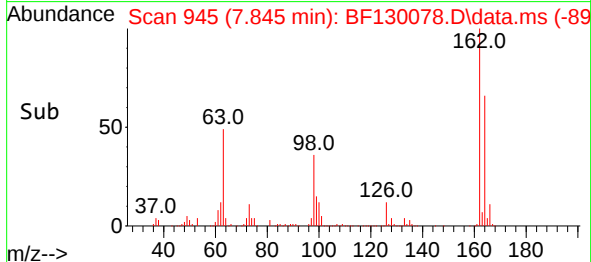
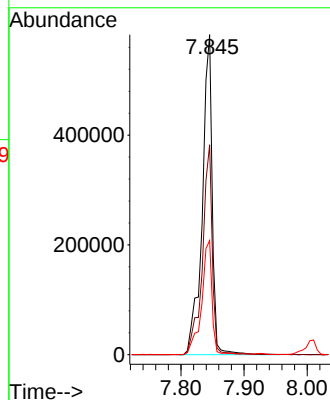
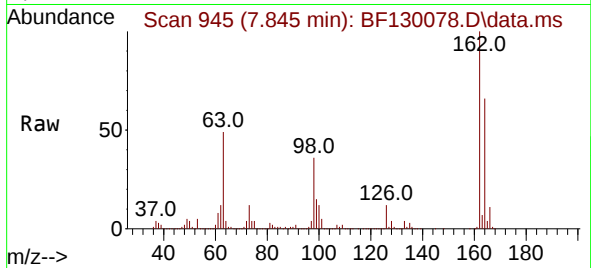
Tgt Ion:162 Resp: 645001

Ion Ratio Lower Upper

162 100

164 65.6 43.7 83.7

98 35.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.057 ng

RT: 7.928 min Scan# 959

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

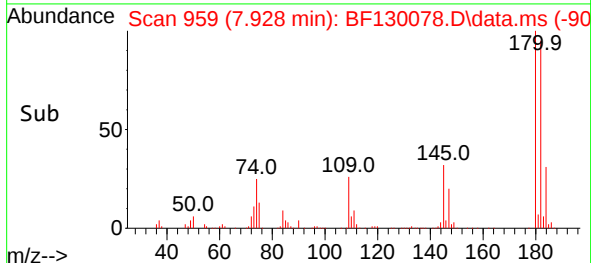
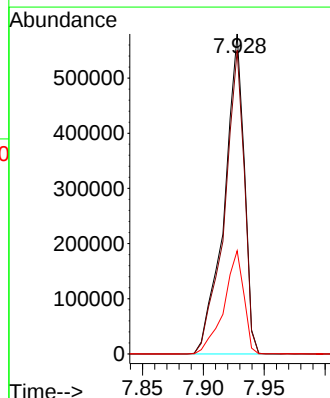
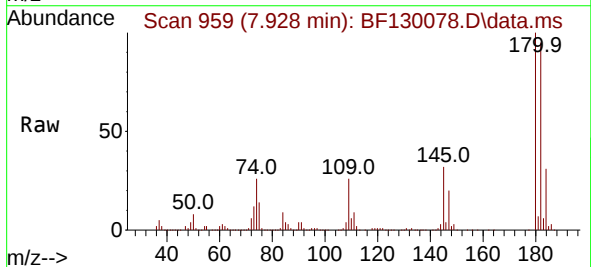
Tgt Ion:180 Resp: 663025

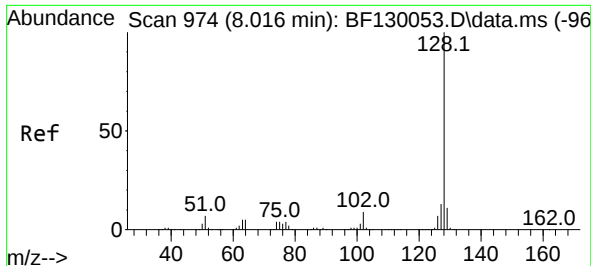
Ion Ratio Lower Upper

180 100

182 94.9 77.6 116.4

145 32.3 25.6 38.4

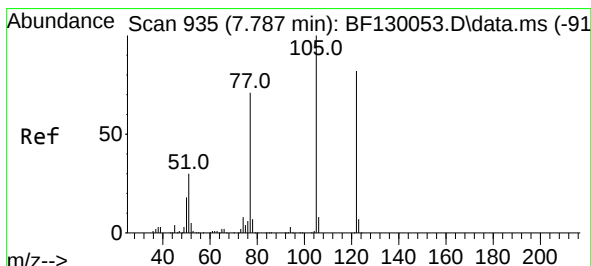
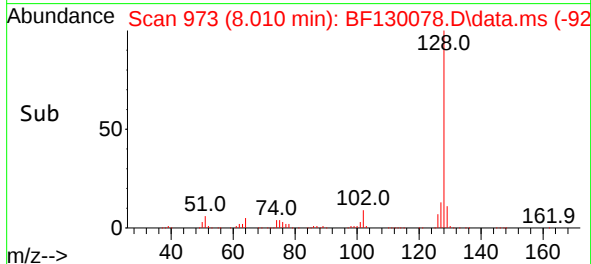
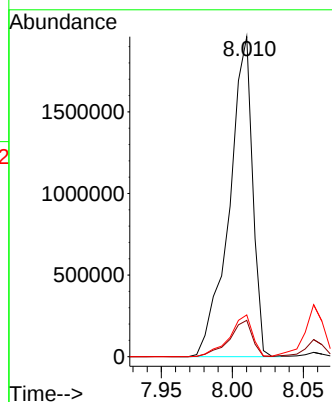
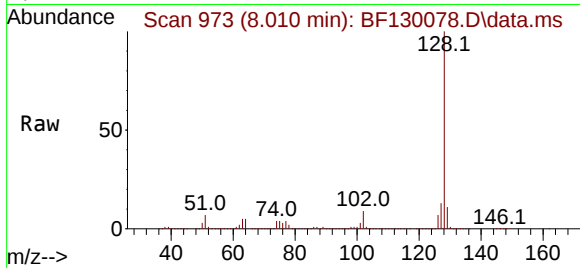




#31
Naphthalene
Concen: 41.970 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

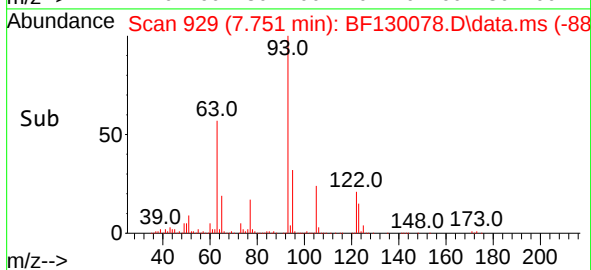
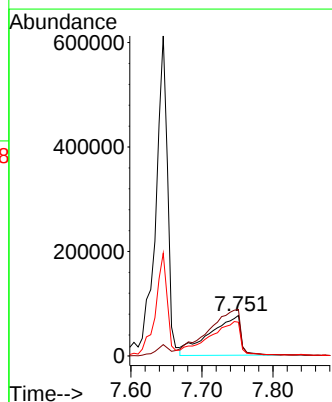
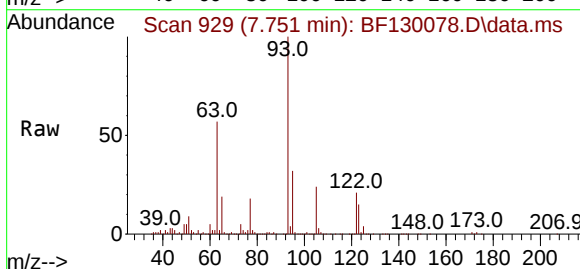
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

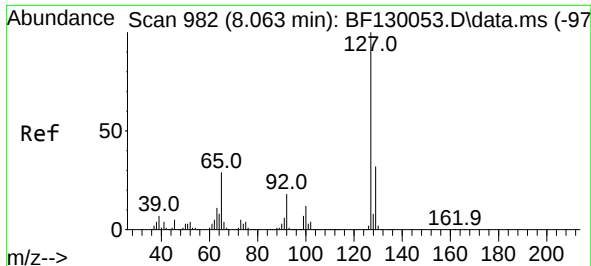
Tgt Ion:128 Resp: 2238958
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 24.216 ng
RT: 7.751 min Scan# 929
Delta R.T. -0.036 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:122 Resp: 233309
Ion Ratio Lower Upper
122 100
105 114.7 99.9 139.9
77 83.4 65.9 105.9

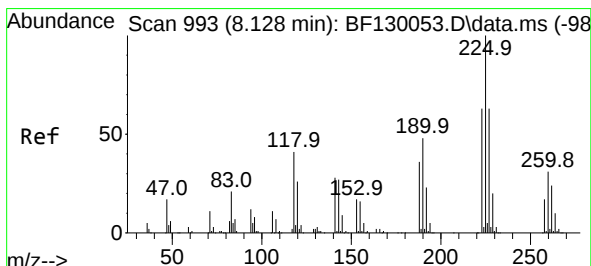
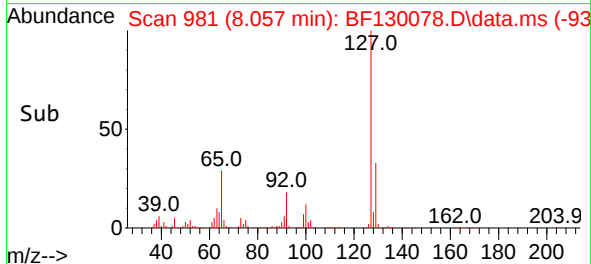
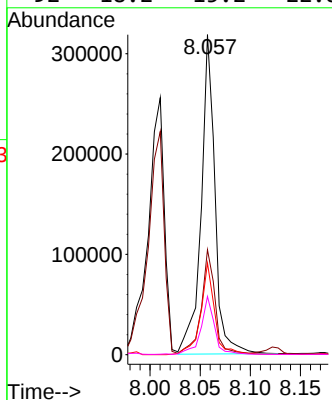
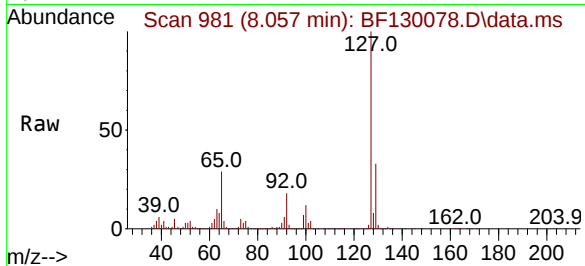




#33
4-Chloroaniline
Concen: 14.314 ng
RT: 8.057 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

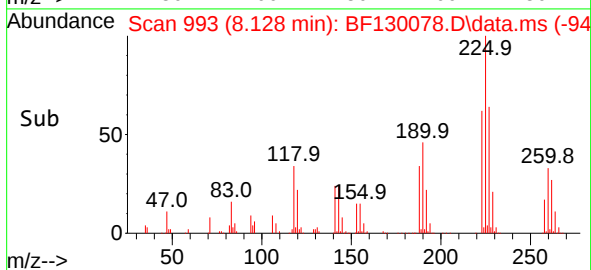
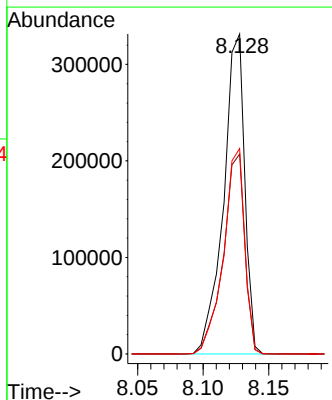
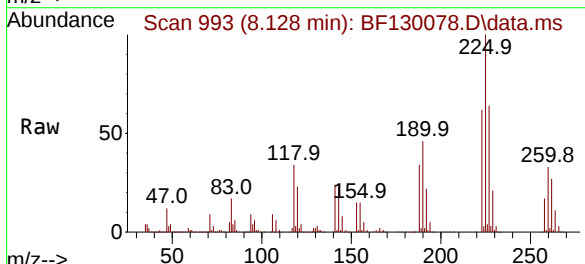
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

Tgt Ion:127	Resp: 308509		
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	28.6	24.2	36.2
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.363 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:225	Resp: 373453
Ion Ratio	Lower Upper
225 100	
223 62.5	50.2 75.2
227 64.2	50.6 75.8

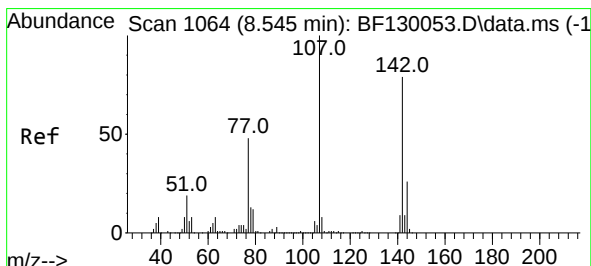
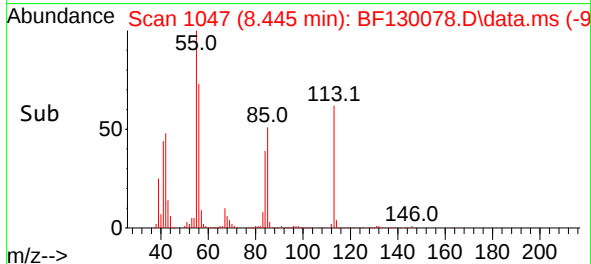
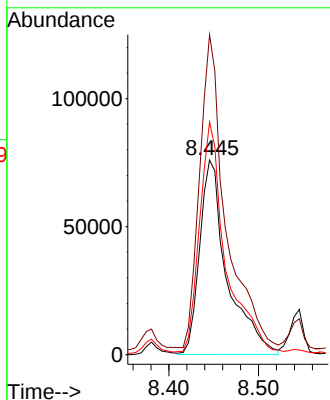
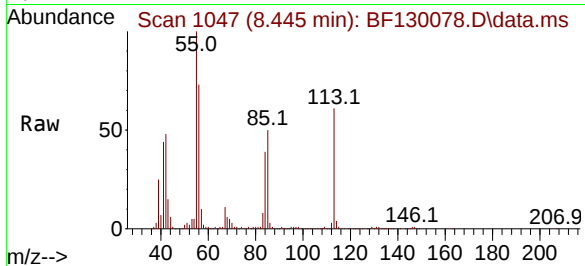




#35
 Caprolactam
 Concen: 34.844 ng
 RT: 8.445 min Scan# 1047
 Delta R.T. -0.006 min
 Lab File: BF130078.D
 Acq: 01 Sep 2022 14:44

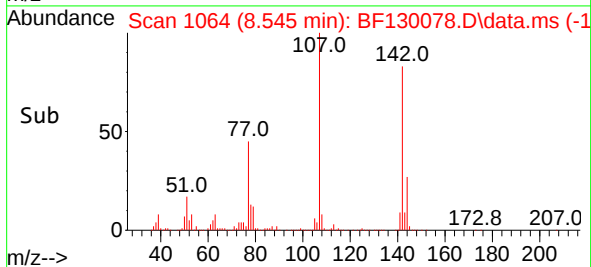
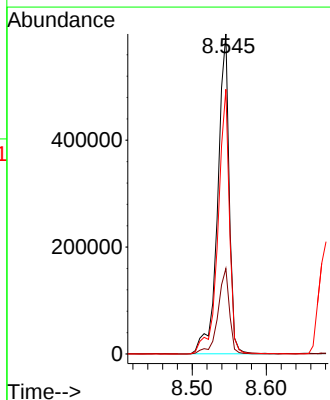
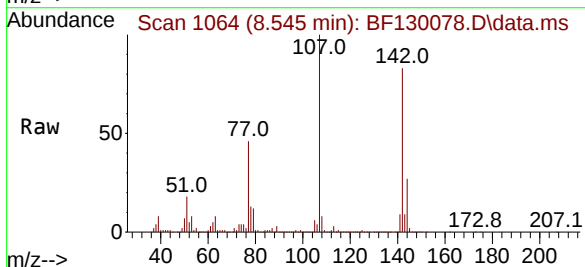
Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01MSD

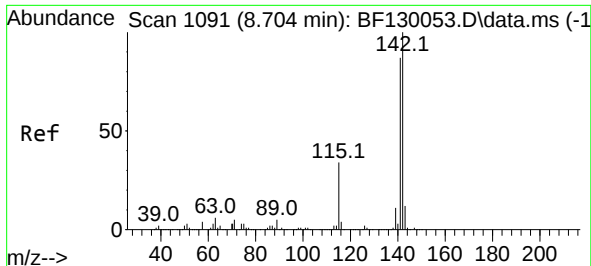
Tgt Ion:113 Resp: 161442
 Ion Ratio Lower Upper
 113 100
 55 164.4 148.8 188.8
 56 119.5 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.579 ng
 RT: 8.545 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: BF130078.D
 Acq: 01 Sep 2022 14:44

Tgt Ion:107 Resp: 644191
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.9 29.9
 142 82.7 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.191 ng

RT: 8.698 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

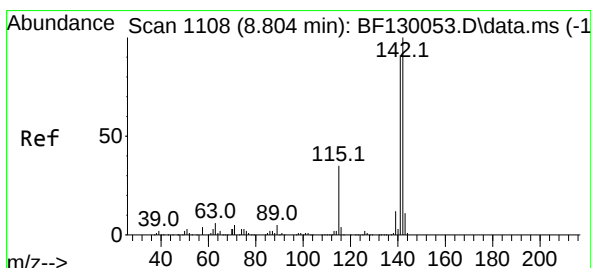
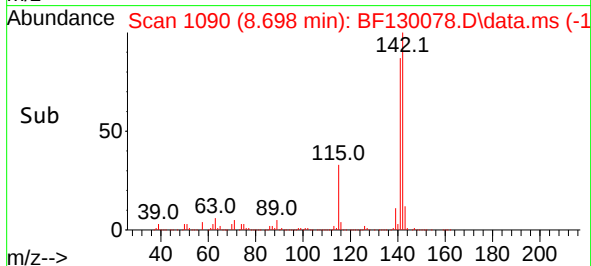
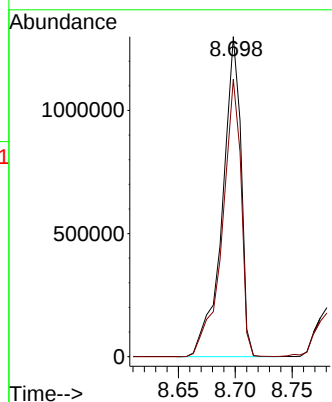
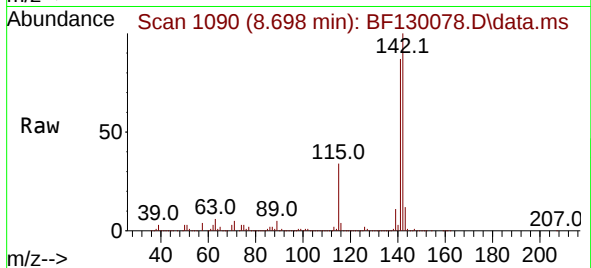
WC-PALM-SP-01MSD

Tgt Ion:142 Resp: 1484218

Ion Ratio Lower Upper

142 100

141 86.7 70.9 106.3



#38

1-Methylnaphthalene

Concen: 41.516 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130078.D

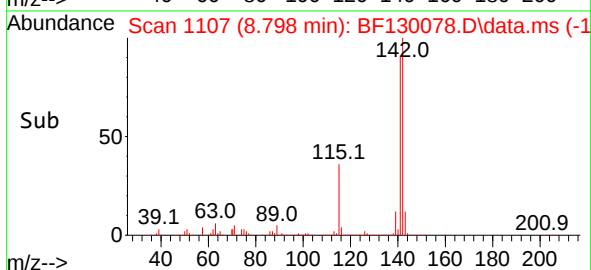
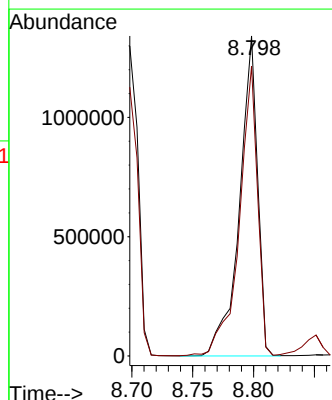
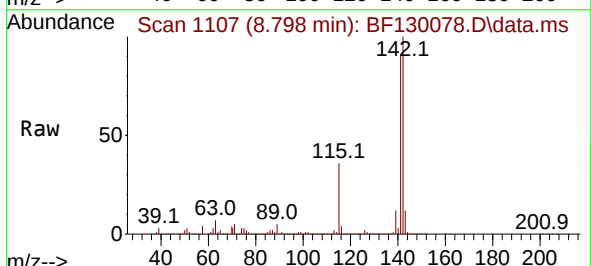
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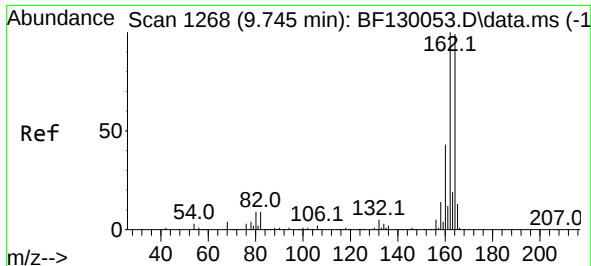
Tgt Ion:142 Resp: 1386702

Ion Ratio Lower Upper

142 100

141 90.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.739 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130078.D

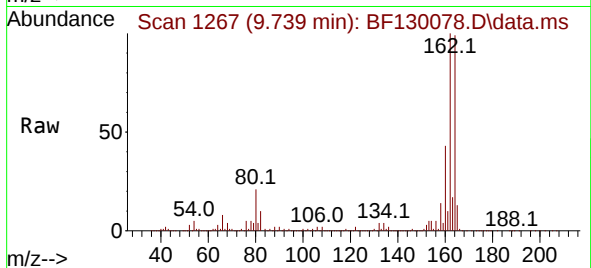
Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD



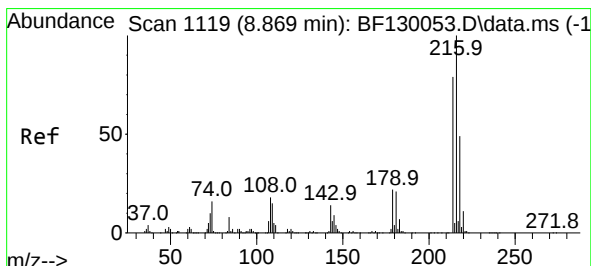
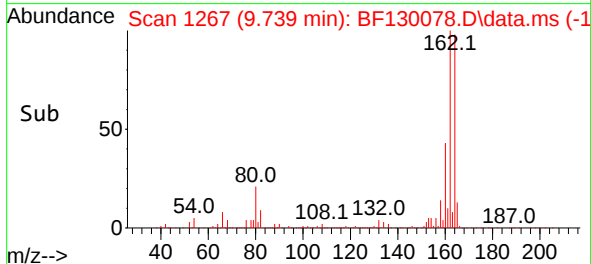
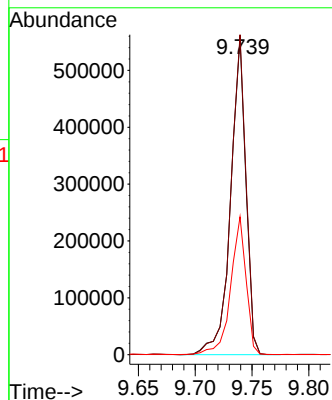
Tgt Ion:164 Resp: 522487

Ion Ratio Lower Upper

164 100

162 100.9 82.0 123.0

160 43.5 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.792 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Tgt Ion:216 Resp: 596639

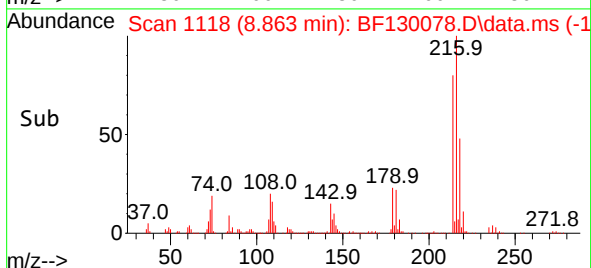
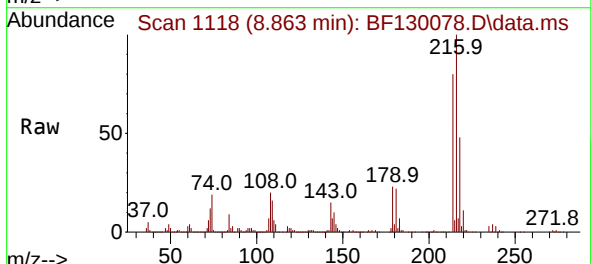
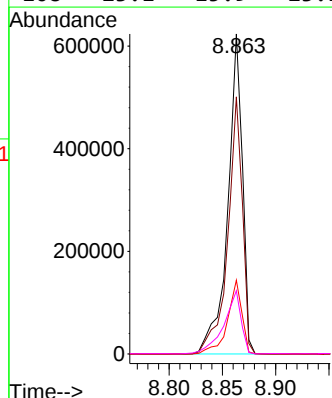
Ion Ratio Lower Upper

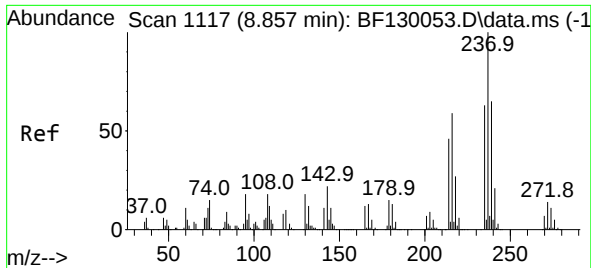
216 100

214 80.1 63.1 94.7

179 22.5 18.1 27.1

108 23.1 15.9 23.9

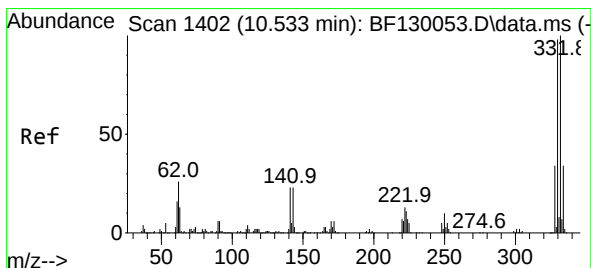
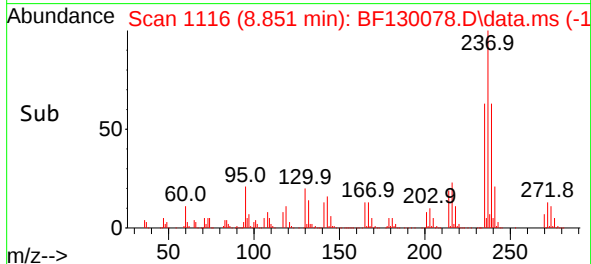
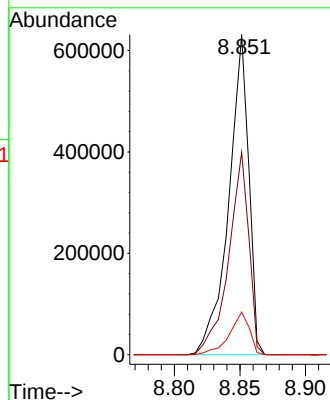
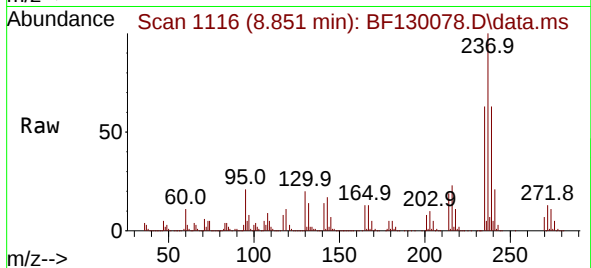




#41
Hexachlorocyclopentadiene
Concen: 94.293 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

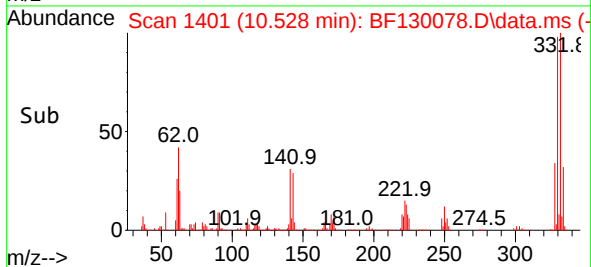
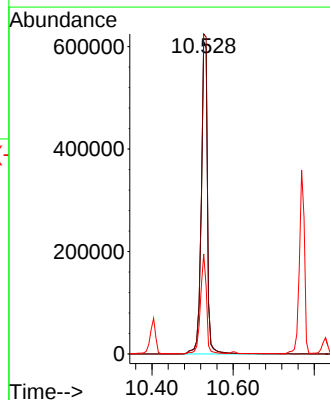
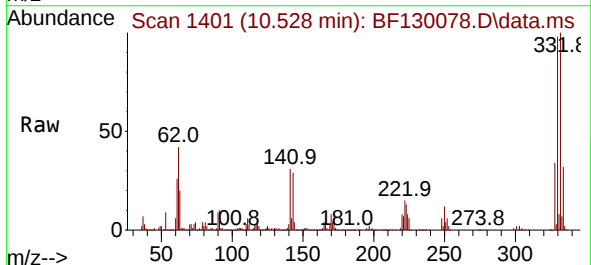
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

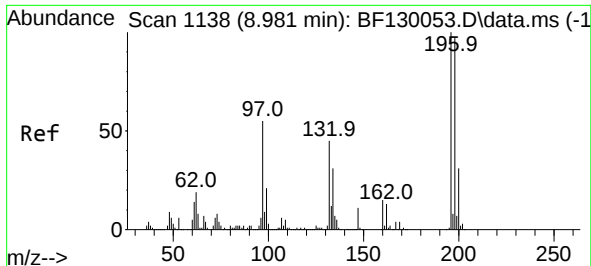
Tgt Ion:237 Resp: 671396
Ion Ratio Lower Upper
237 100
235 63.2 41.5 81.5
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 135.363 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:330 Resp: 643798
Ion Ratio Lower Upper
330 100
332 102.7 82.6 124.0
141 31.4 27.6 41.4

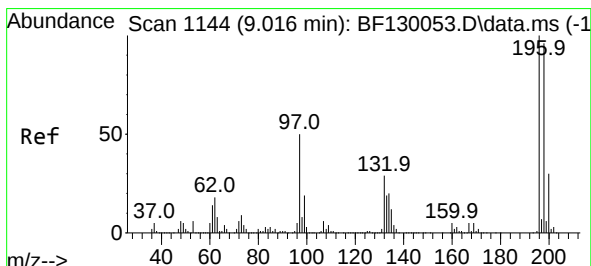
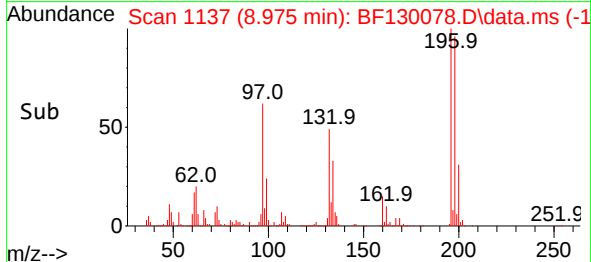
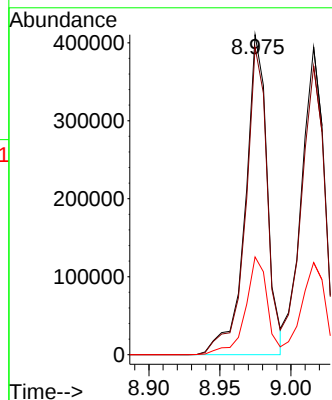
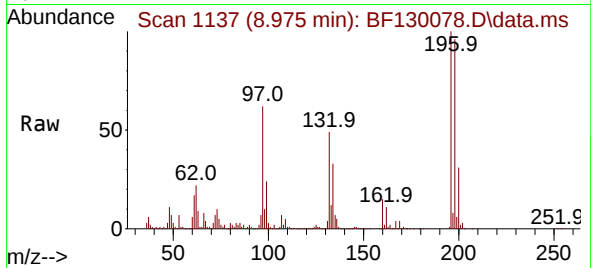




#43
2,4,6-Trichlorophenol
Concen: 45.255 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

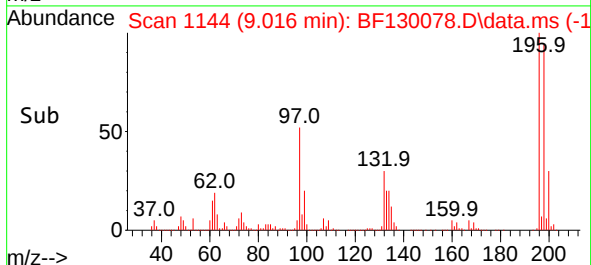
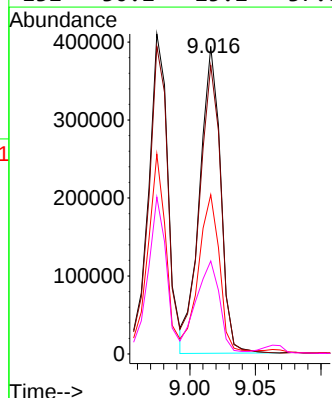
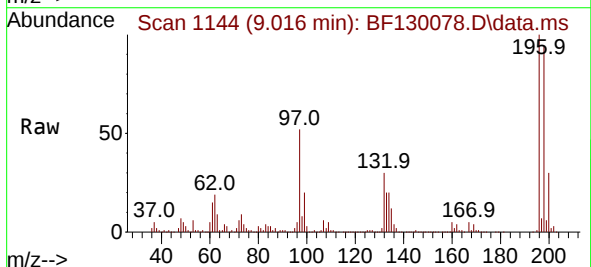
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

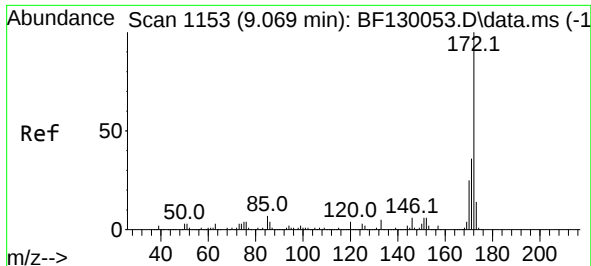
Tgt Ion:196 Resp: 440112
Ion Ratio Lower Upper
196 100
198 96.1 79.0 118.4
200 30.6 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 41.454 ng
RT: 9.016 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:196 Resp: 436960
Ion Ratio Lower Upper
196 100
198 93.8 76.4 114.6
97 51.8 46.5 69.7
132 30.2 25.2 37.8

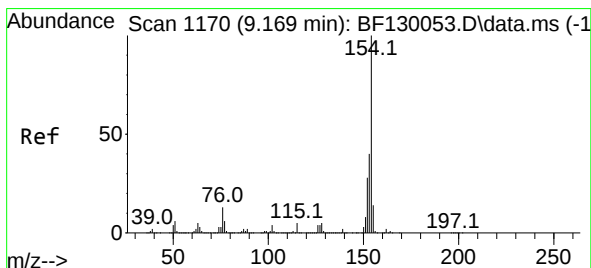
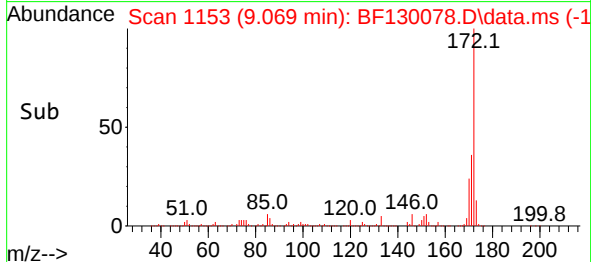
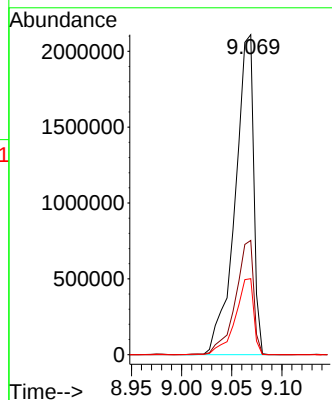
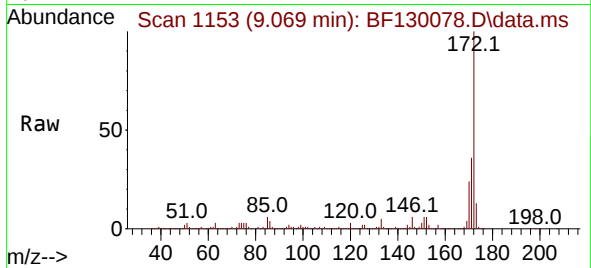




#45
2-Fluorobiphenyl
Concen: 86.112 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

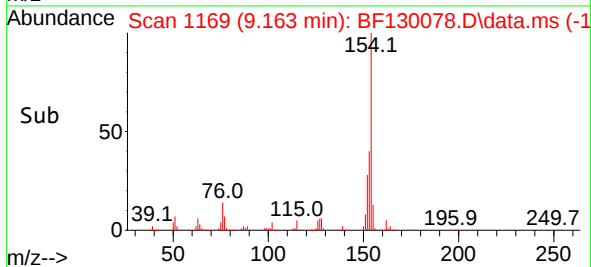
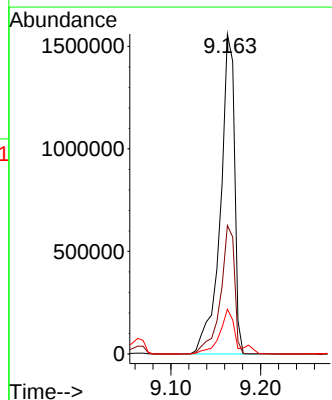
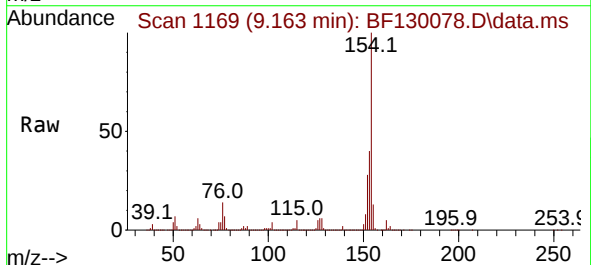
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

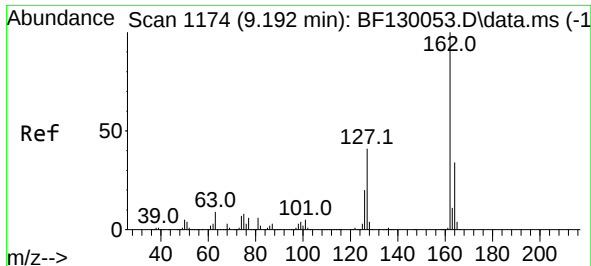
Tgt Ion:172 Resp: 2713711
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 45.077 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:154 Resp: 1711068
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 14.0 0.0 32.1

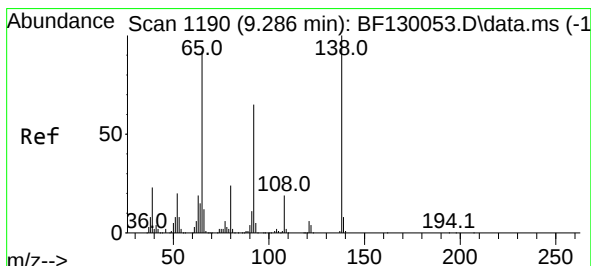
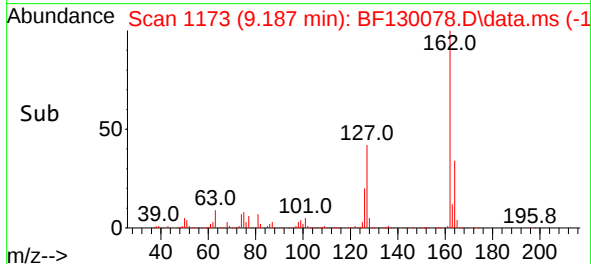
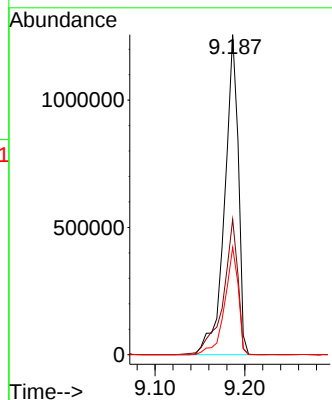
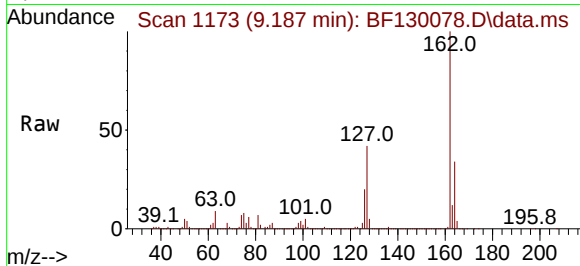




#47
2-Chloronaphthalene
Concen: 43.646 ng
RT: 9.187 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

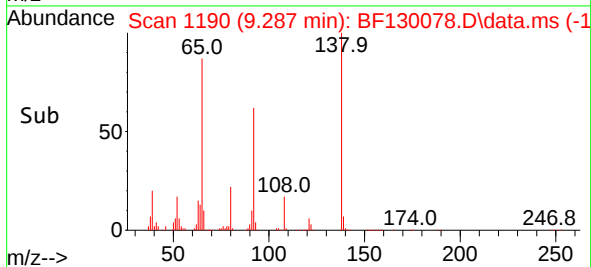
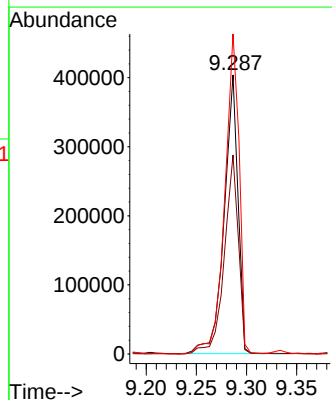
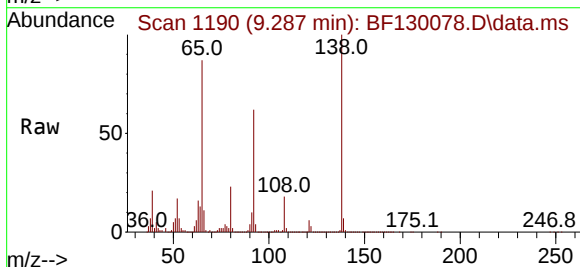
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

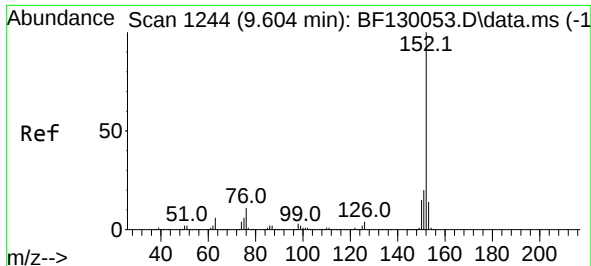
Tgt Ion:162 Resp: 1327448
Ion Ratio Lower Upper
162 100
127 42.3 33.1 49.7
164 33.6 26.7 40.1



#48
2-Nitroaniline
Concen: 51.763 ng
RT: 9.287 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion: 65 Resp: 387957
Ion Ratio Lower Upper
65 100
92 71.3 55.0 82.4
138 114.6 81.3 121.9

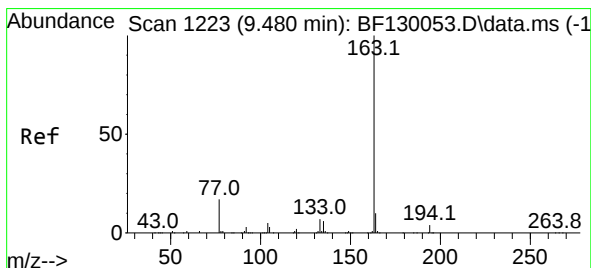
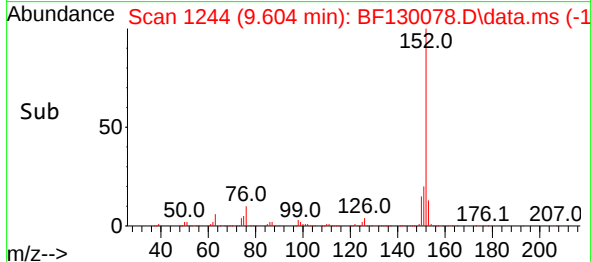
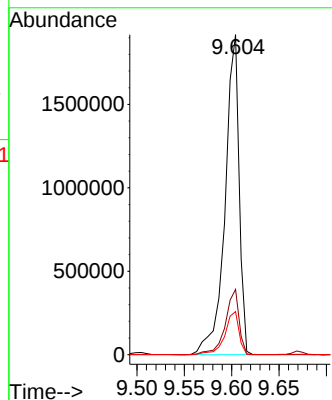
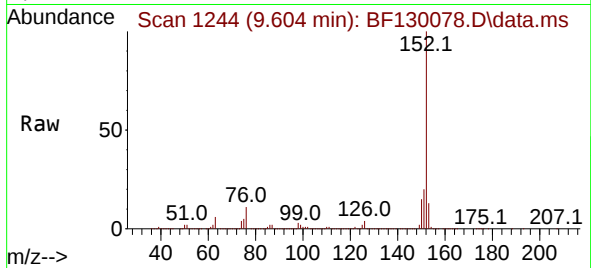




#49
Acenaphthylene
Concen: 43.057 ng
RT: 9.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

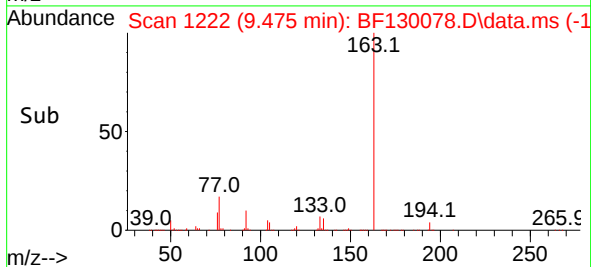
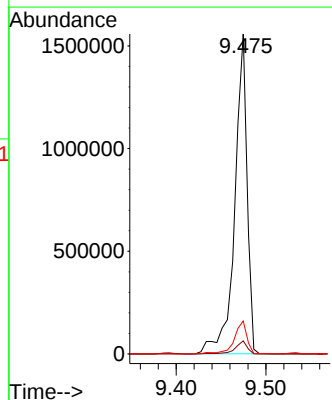
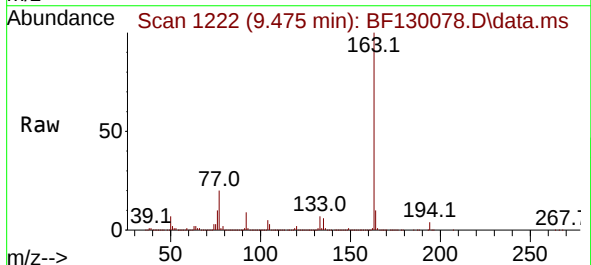
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

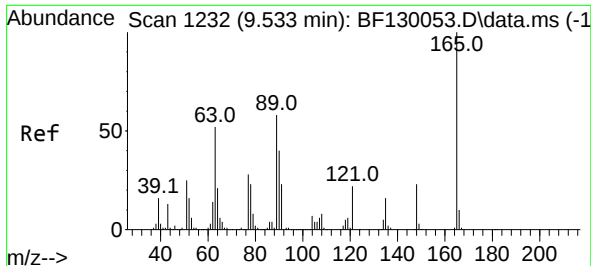
Tgt Ion:152 Resp: 1988568
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.5 10.6 16.0



#50
Dimethylphthalate
Concen: 41.833 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:163 Resp: 1488741
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.2

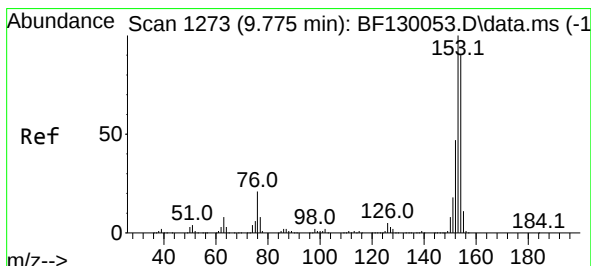
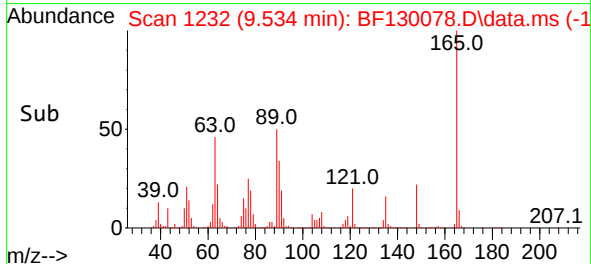
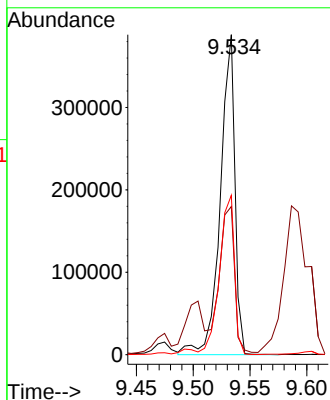
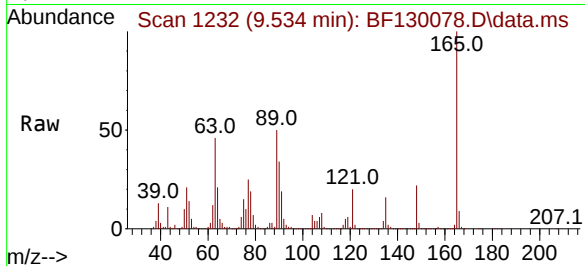




#51
2,6-Dinitrotoluene
Concen: 50.212 ng
RT: 9.534 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

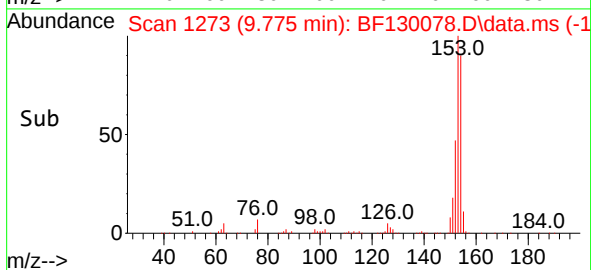
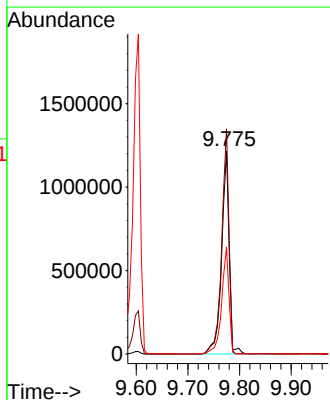
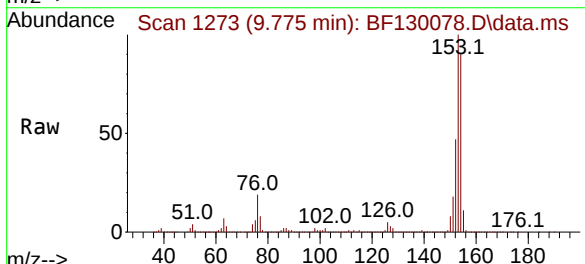
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

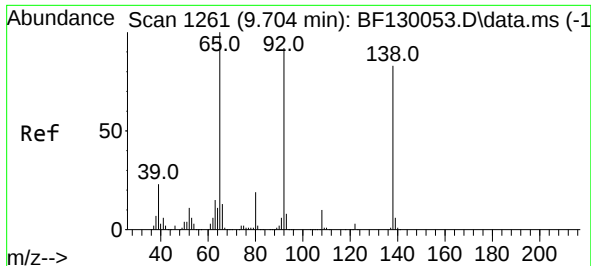
Tgt Ion:165 Resp: 348397
Ion Ratio Lower Upper
165 100
63 46.3 47.8 71.8#
89 49.8 47.2 70.8



#52
Acenaphthene
Concen: 42.140 ng
RT: 9.775 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:154 Resp: 1226545
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.6
152 52.6 42.1 63.1

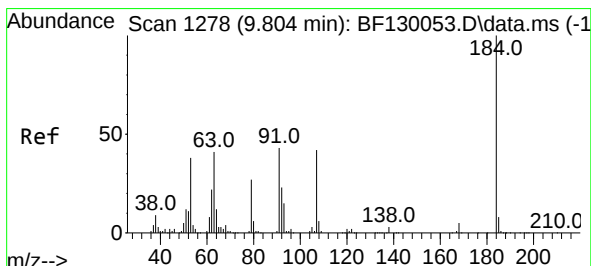
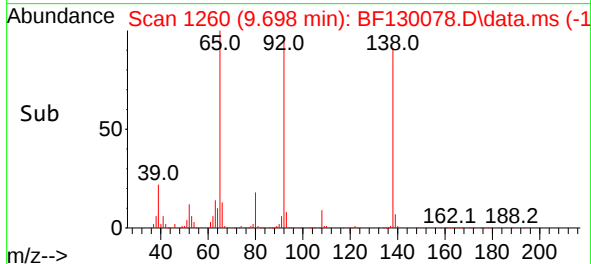
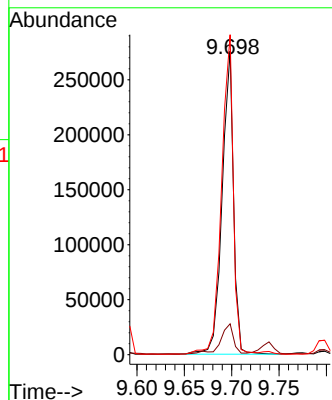
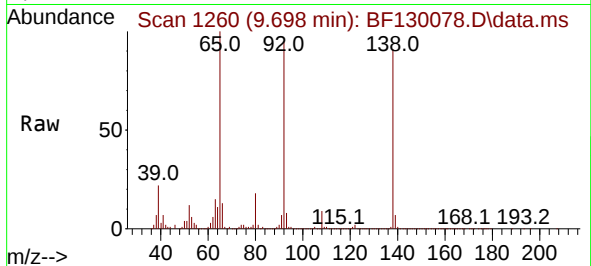




#53
3-Nitroaniline
Concen: 29.099 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

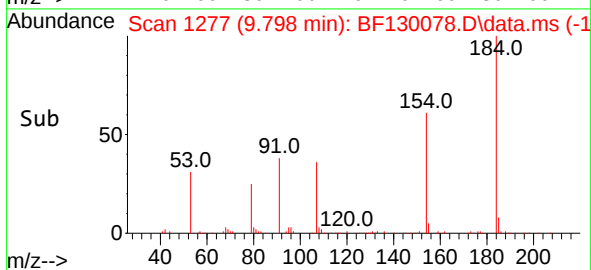
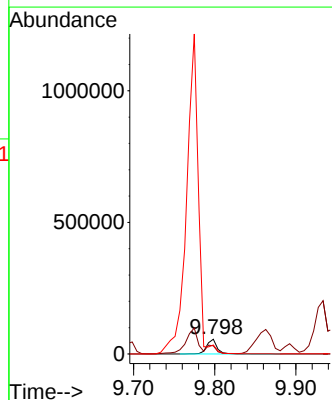
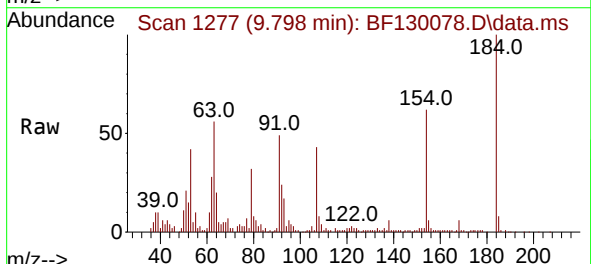
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

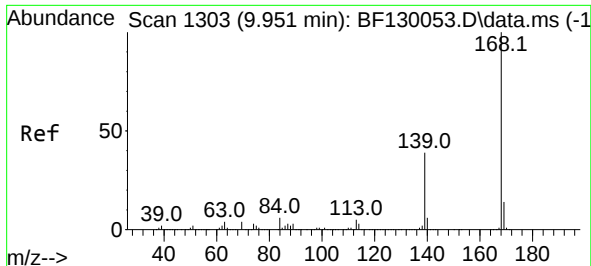
Tgt Ion:138 Resp: 231743
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 105.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 22.098 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:184 Resp: 49082
Ion Ratio Lower Upper
184 100
63 55.9 59.6 89.4#
154 61.7 55.3 82.9





#55

Dibenzenofuran

Concen: 42.473 ng

RT: 9.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

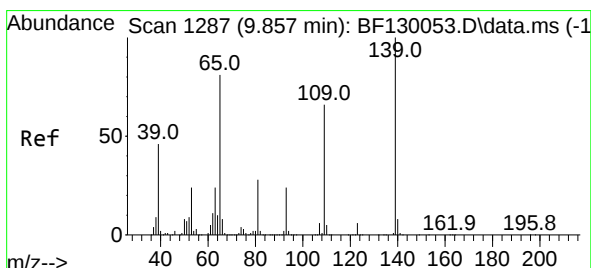
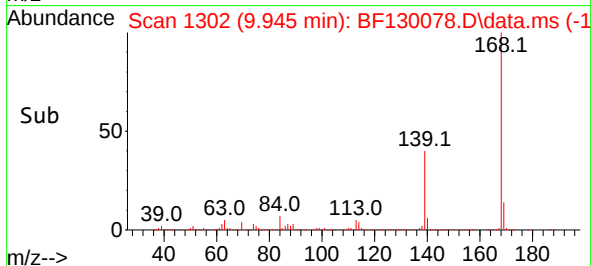
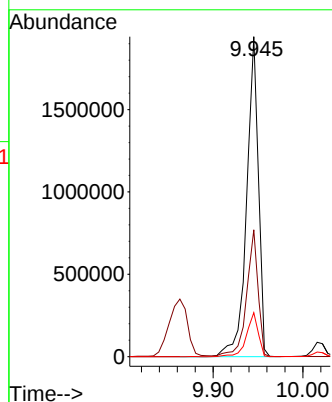
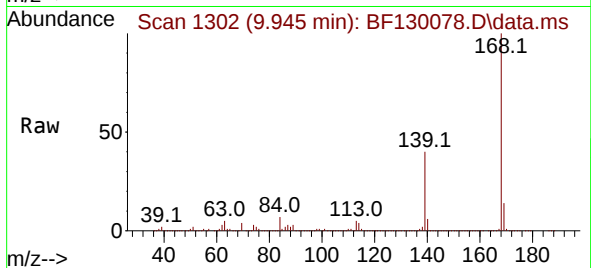
Tgt Ion:168 Resp: 1770256

Ion Ratio Lower Upper

168 100

139 39.6 31.3 46.9

169 13.8 10.7 16.1



#56

4-Nitrophenol

Concen: 81.896 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

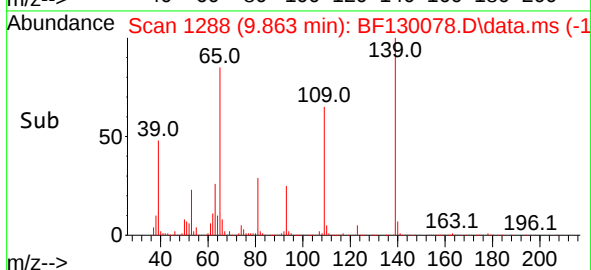
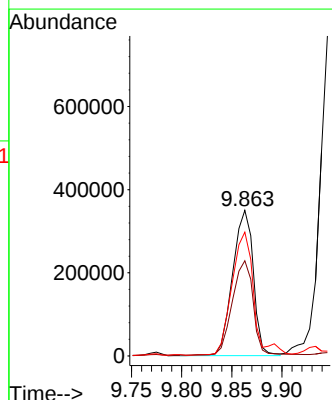
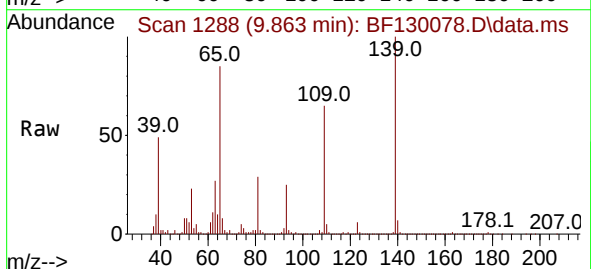
Tgt Ion:139 Resp: 502837

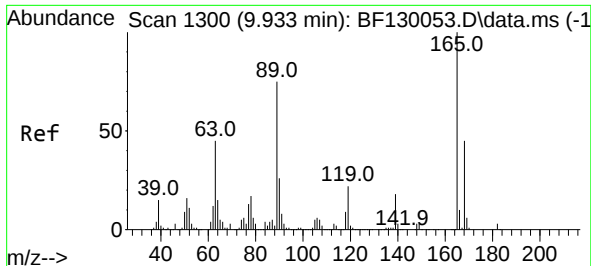
Ion Ratio Lower Upper

139 100

109 65.4 52.9 92.9

65 85.1 79.5 119.5

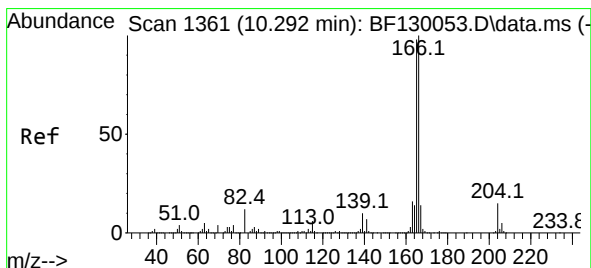
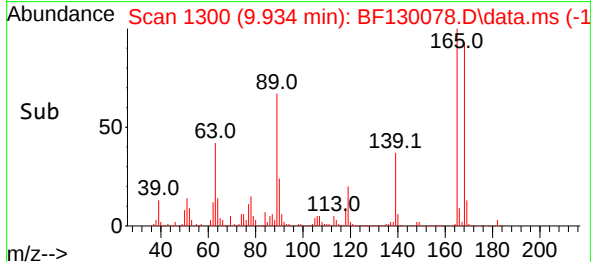
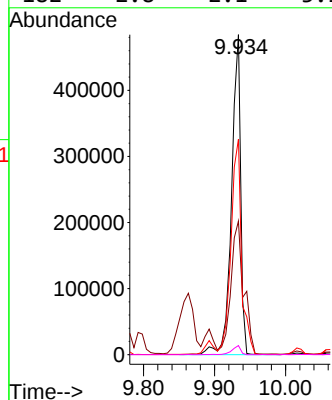
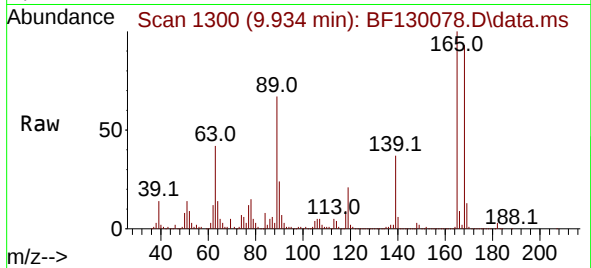




#57
2,4-Dinitrotoluene
Concen: 54.002 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

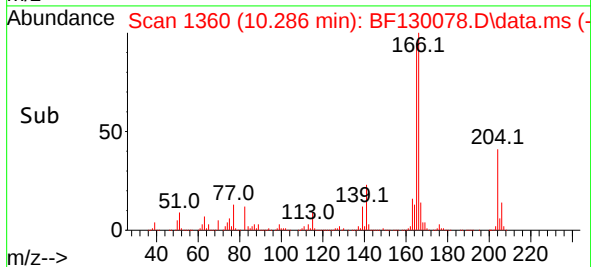
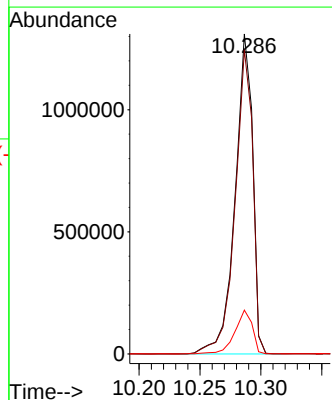
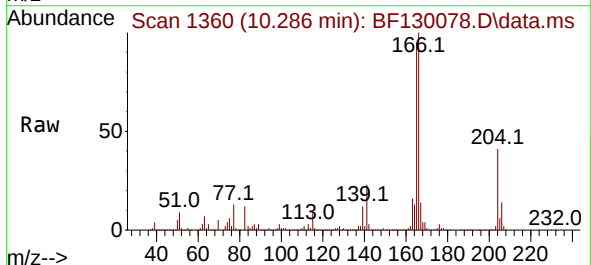
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

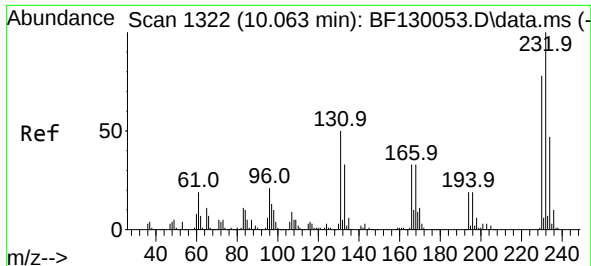
Tgt Ion:165 Resp: 431388
Ion Ratio Lower Upper
165 100
63 41.8 48.4 72.6#
89 67.4 62.3 93.5
182 2.8 2.1 3.1



#58
Fluorene
Concen: 41.415 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:166 Resp: 1313387
Ion Ratio Lower Upper
166 100
165 95.1 77.9 116.9
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.231 ng

RT: 10.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

Tgt Ion:232 Resp: 321187

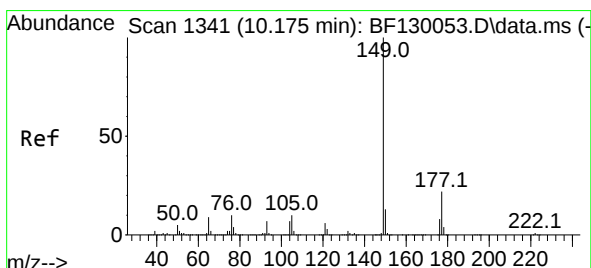
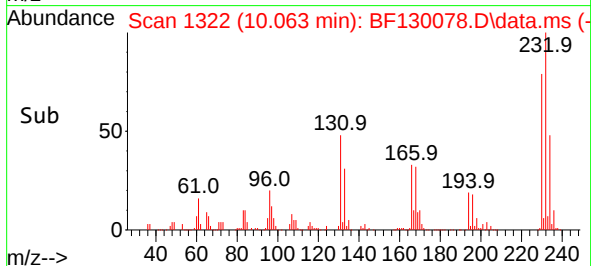
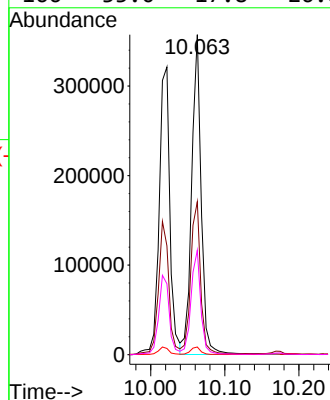
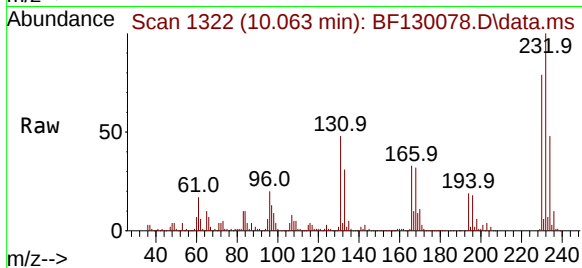
Ion Ratio Lower Upper

232 100

131 49.0 29.9 44.9#

130 2.5 1.5 2.3#

166 33.0 17.8 26.8#



#60

Diethylphthalate

Concen: 41.830 ng

RT: 10.175 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

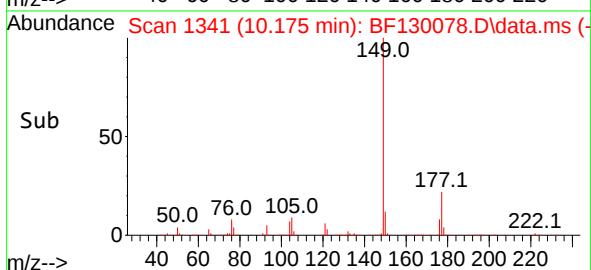
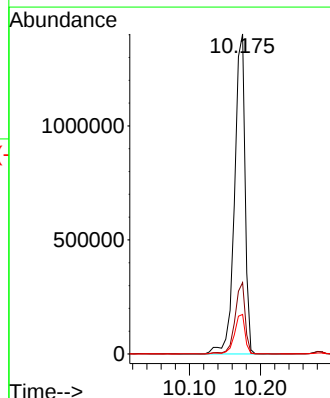
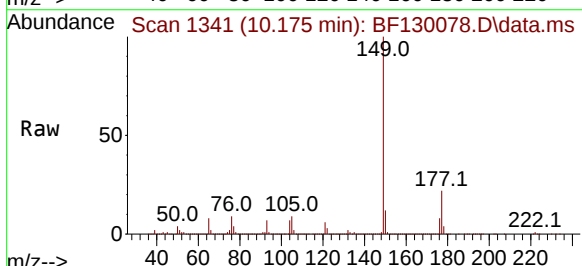
Tgt Ion:149 Resp: 1440136

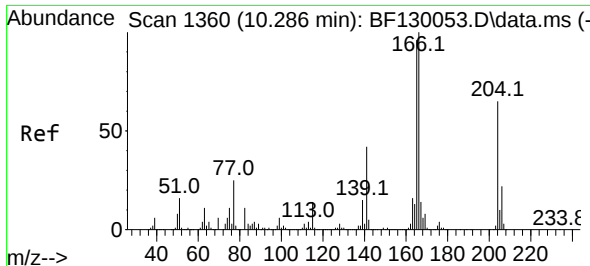
Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

150 12.4 10.1 15.1

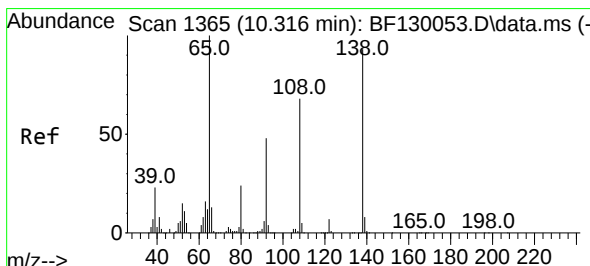
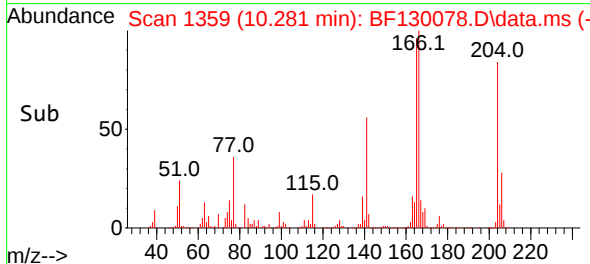
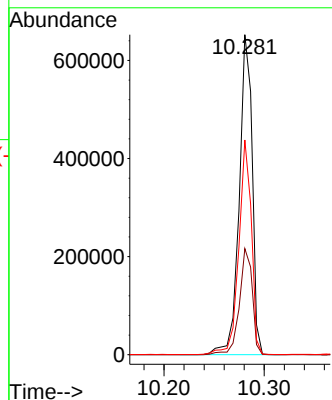
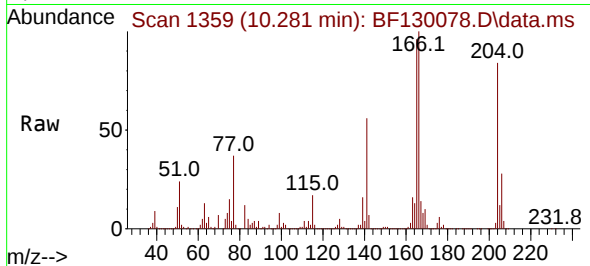




#61
4-Chlorophenyl-phenylether
Concen: 42.030 ng
RT: 10.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

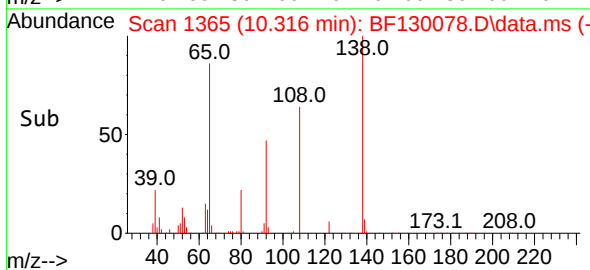
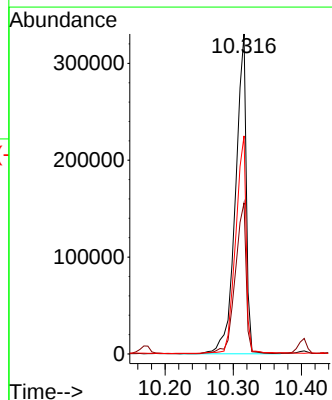
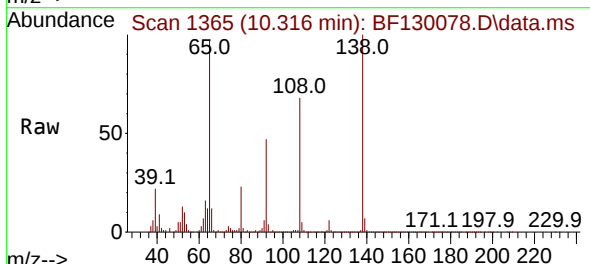
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

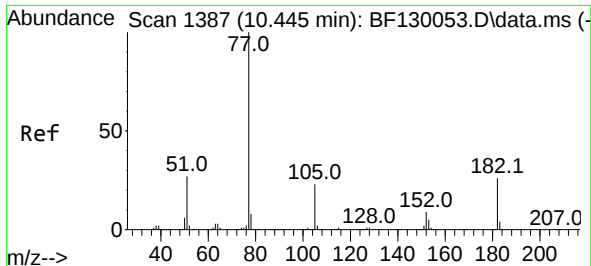
Tgt Ion:204 Resp: 589212
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 67.1 52.6 79.0



#62
4-Nitroaniline
Concen: 46.863 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:138 Resp: 362970
Ion Ratio Lower Upper
138 100
92 47.2 30.3 70.3
108 68.1 55.7 95.7

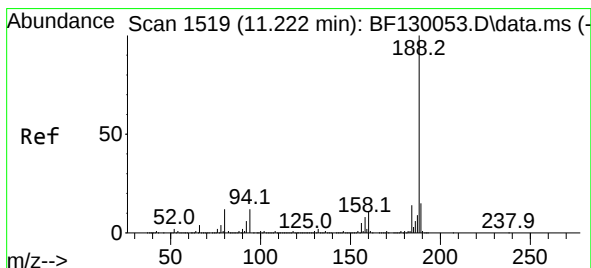
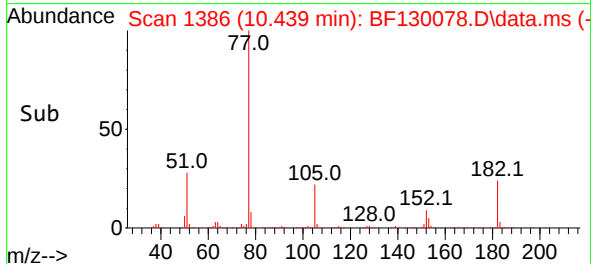
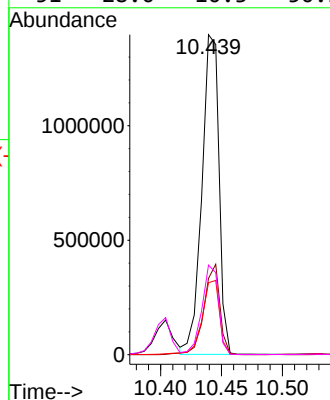
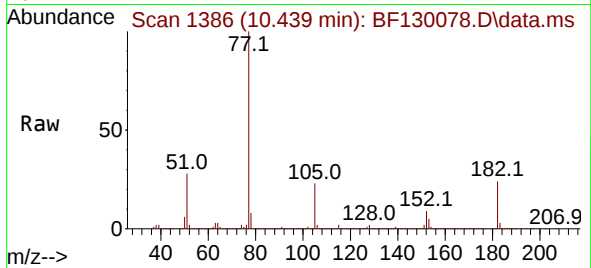




#63
Azobenzene
Concen: 40.328 ng
RT: 10.439 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

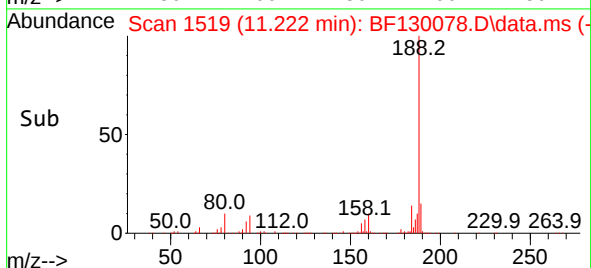
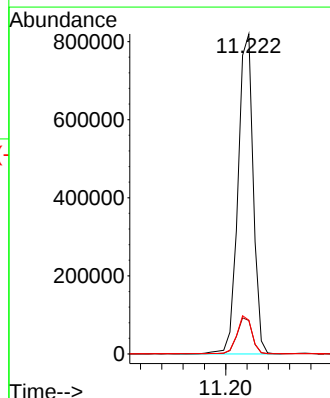
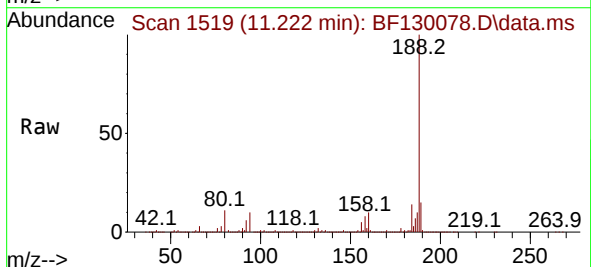
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

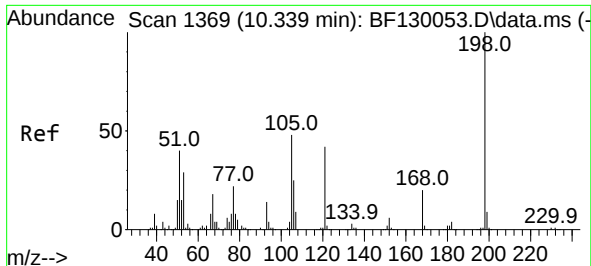
Tgt Ion: 77 Resp: 1367019
Ion Ratio Lower Upper
77 100
182 23.9 2.2 42.2
105 22.5 0.8 40.8
51 28.0 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion: 188 Resp: 813811
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 10.6 7.9 11.9

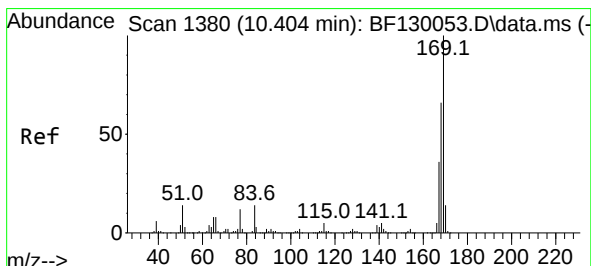
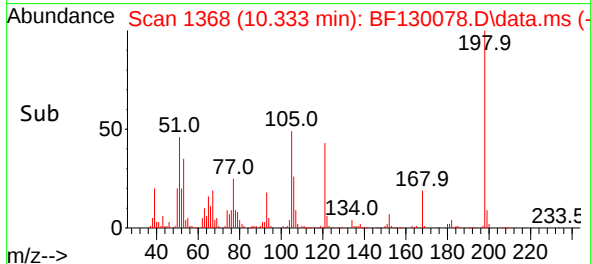
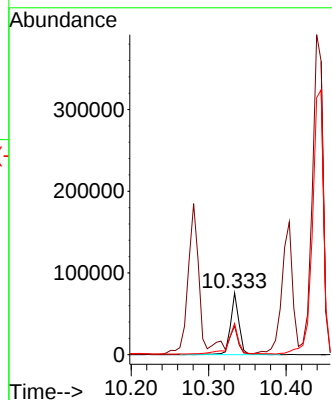
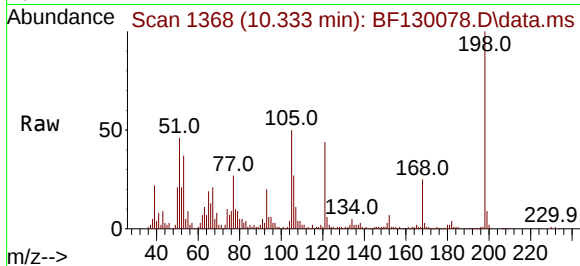




#65
4,6-Dinitro-2-methylphenol
Concen: 19.176 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

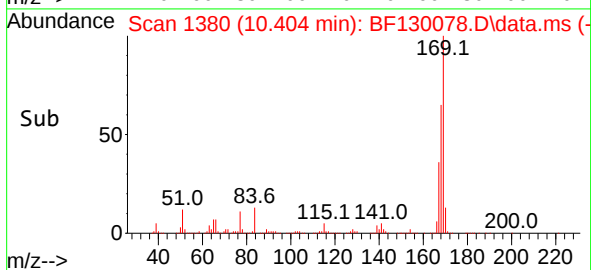
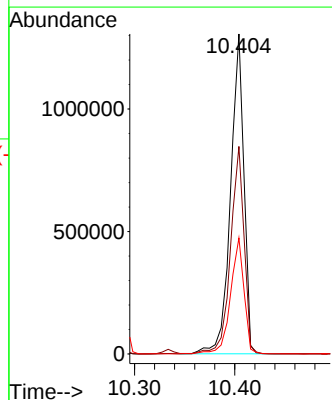
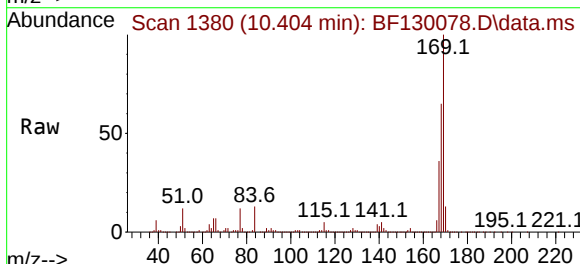
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

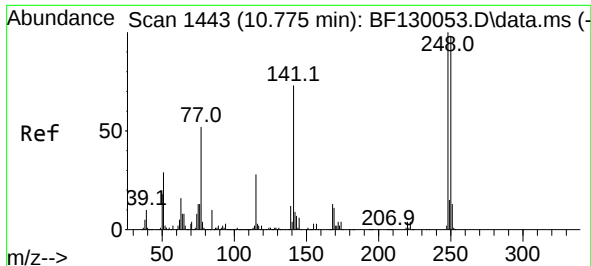
Tgt Ion:198 Resp: 57450
Ion Ratio Lower Upper
198 100
51 46.3 29.4 69.4
105 50.4 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 44.385 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:169 Resp: 1207504
Ion Ratio Lower Upper
169 100
168 64.9 53.4 80.2
167 36.3 29.1 43.7

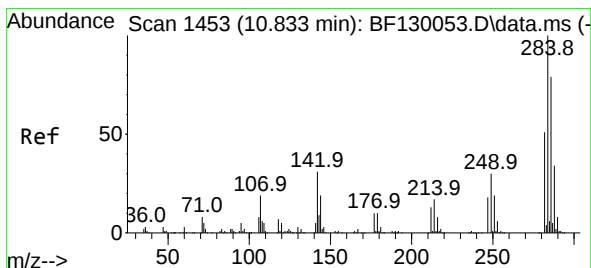
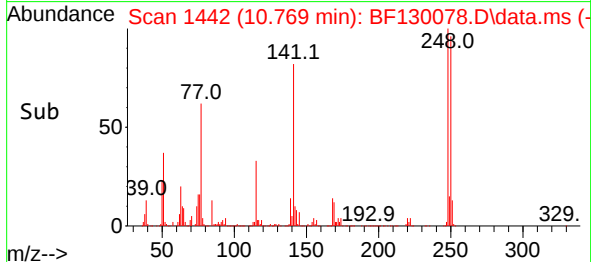
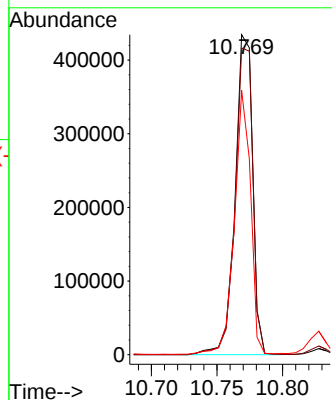
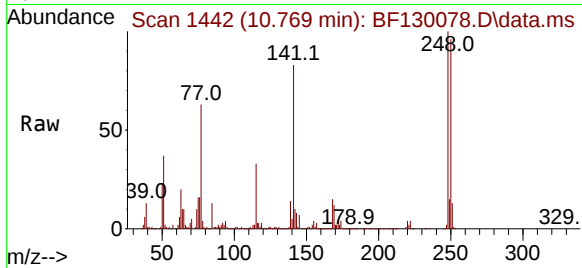




#67
4-Bromophenyl-phenylether
Concen: 44.804 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

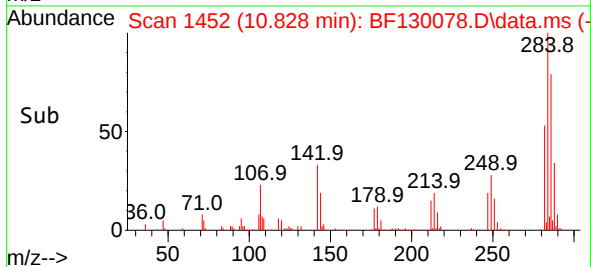
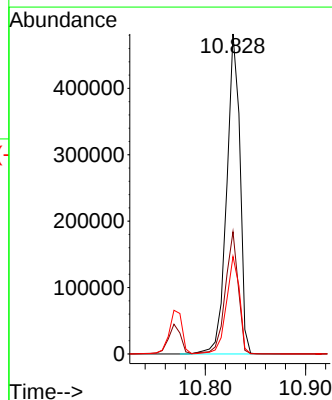
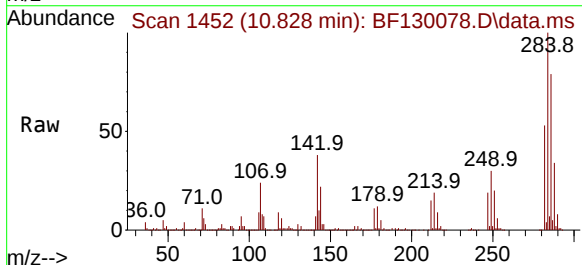
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

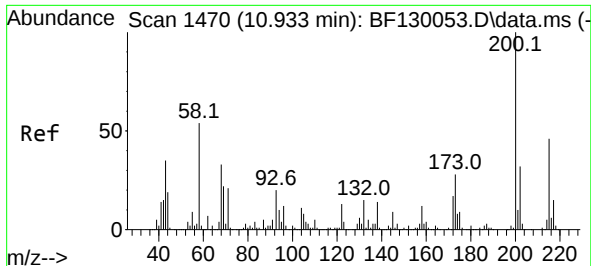
Tgt Ion:248 Resp: 405565
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 82.6 66.2 99.2



#68
Hexachlorobenzene
Concen: 44.738 ng
RT: 10.828 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:284 Resp: 441270
Ion Ratio Lower Upper
284 100
142 38.2 31.4 47.0
249 30.5 25.7 38.5

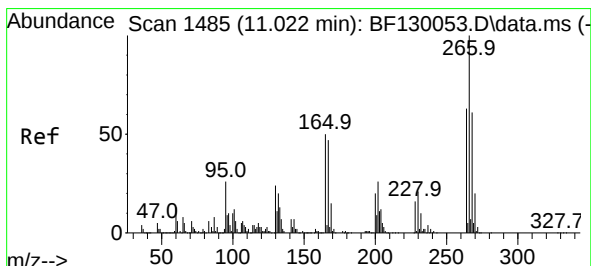
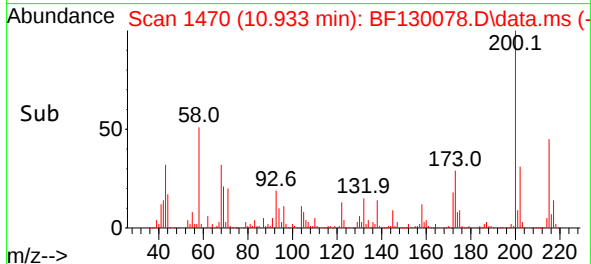
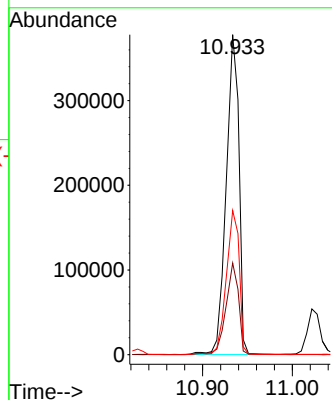
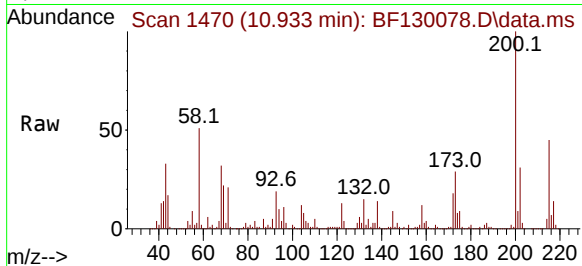




#69
 Atrazine
 Concen: 48.333 ng
 RT: 10.933 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: BF130078.D
 Acq: 01 Sep 2022 14:44

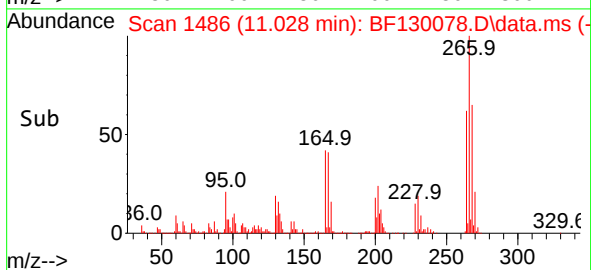
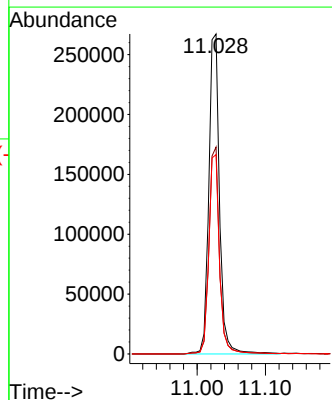
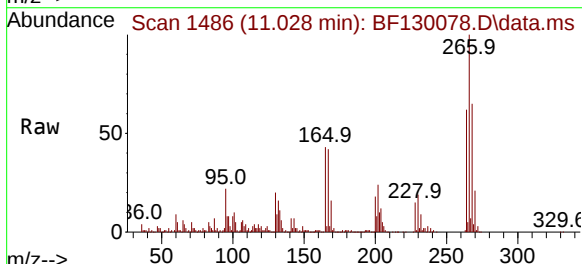
Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01MSD

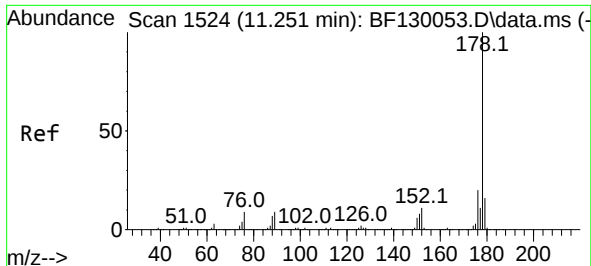
Tgt Ion:200 Resp: 371990
 Ion Ratio Lower Upper
 200 100
 173 28.6 6.4 46.4
 215 45.1 27.1 67.1



#70
 Pentachlorophenol
 Concen: 53.062 ng
 RT: 11.028 min Scan# 1486
 Delta R.T. 0.006 min
 Lab File: BF130078.D
 Acq: 01 Sep 2022 14:44

Tgt Ion:266 Resp: 292663
 Ion Ratio Lower Upper
 266 100
 268 64.7 49.0 73.4
 264 62.3 47.9 71.9

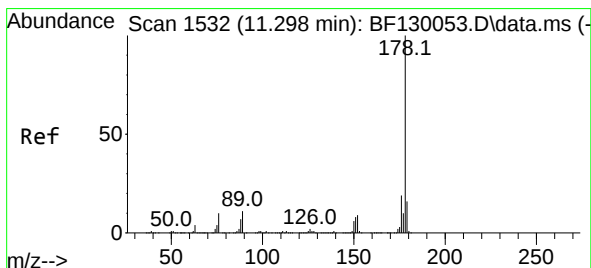
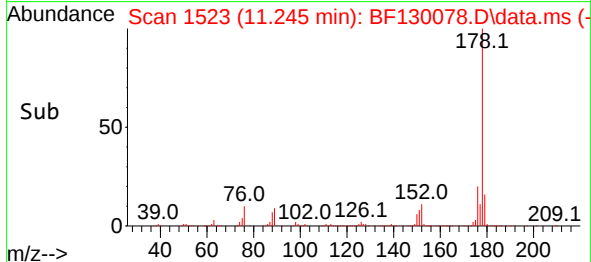
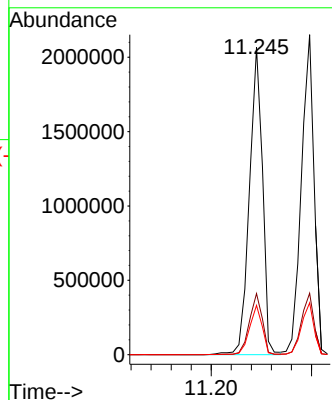
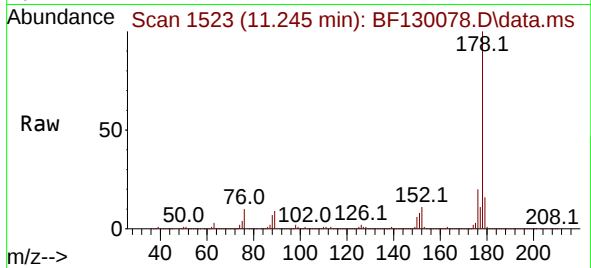




#71
Phenanthrene
Concen: 42.523 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

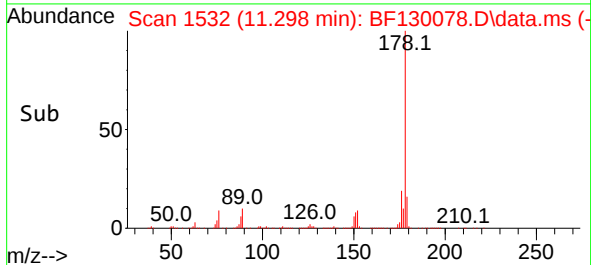
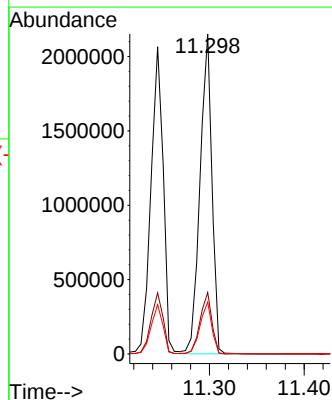
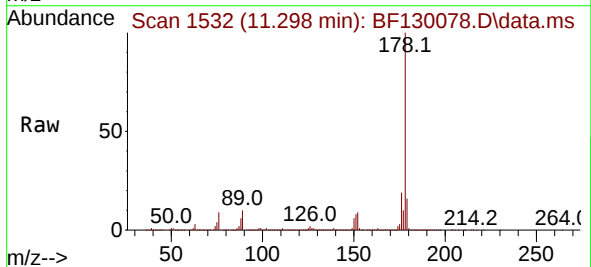
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

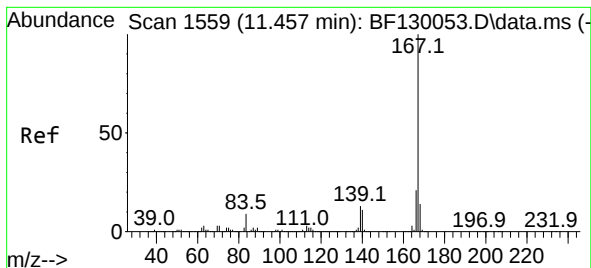
Tgt Ion:178 Resp: 1876702
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.0 12.5 18.7



#72
Anthracene
Concen: 43.640 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:178 Resp: 1893363
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.2 12.6 18.8





#73

Carbazole

Concen: 44.871 ng

RT: 11.457 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

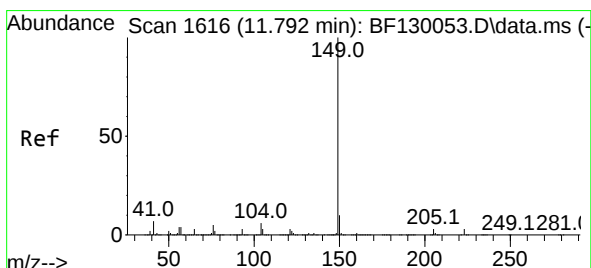
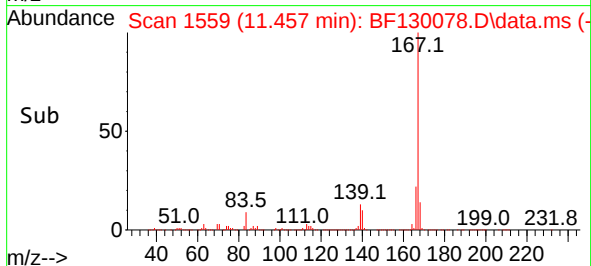
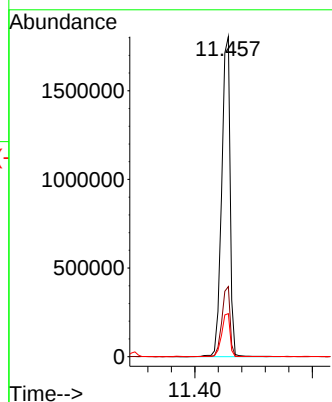
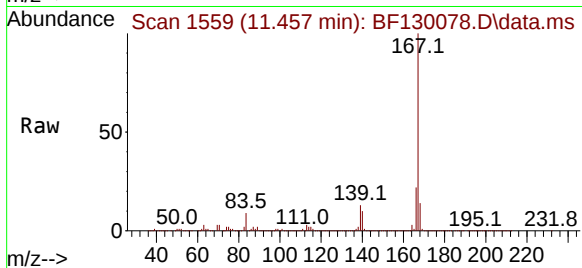
Tgt Ion:167 Resp: 1795227

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

139 13.5 11.0 16.6



#74

Di-n-butylphthalate

Concen: 43.746 ng

RT: 11.792 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

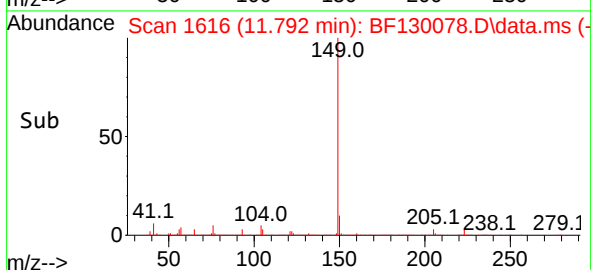
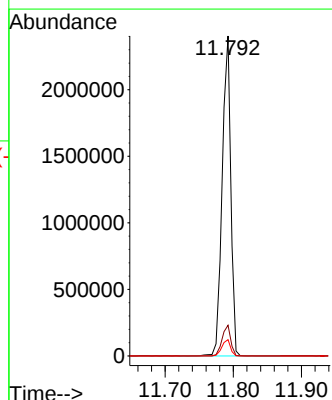
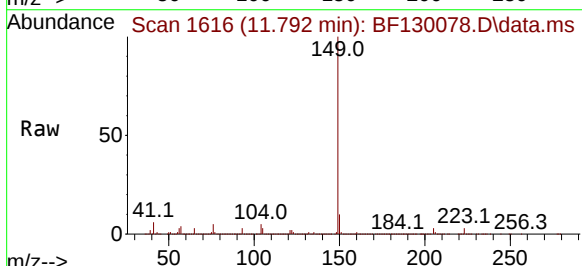
Tgt Ion:149 Resp: 2110456

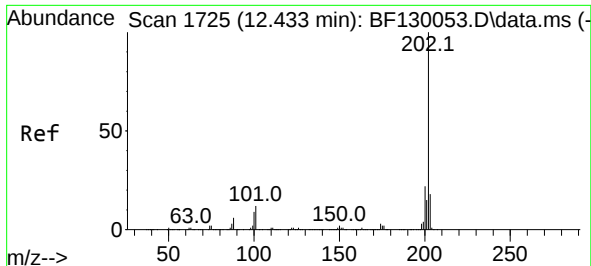
Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 5.1 4.2 6.4

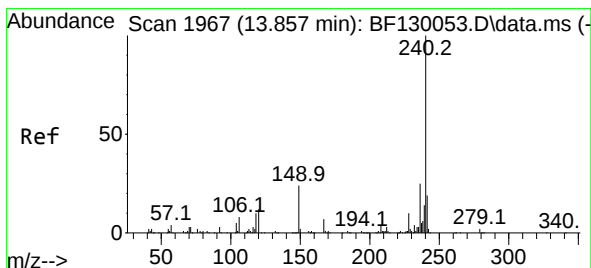
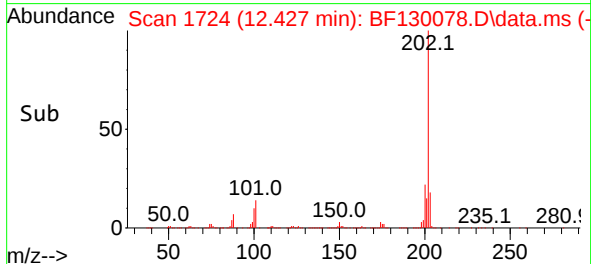
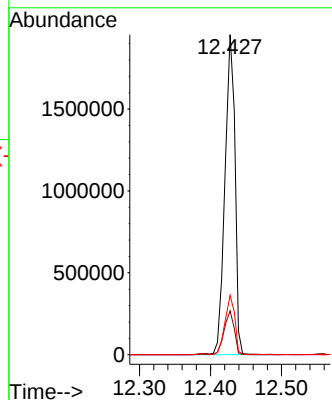
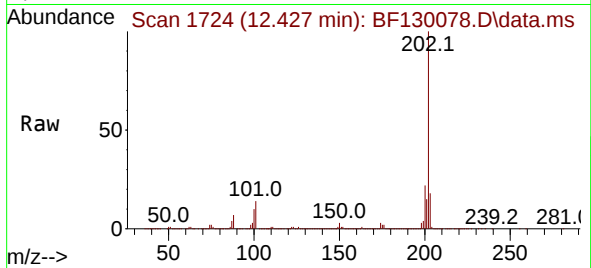




#75
Fluoranthene
Concen: 43.607 ng
RT: 12.427 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

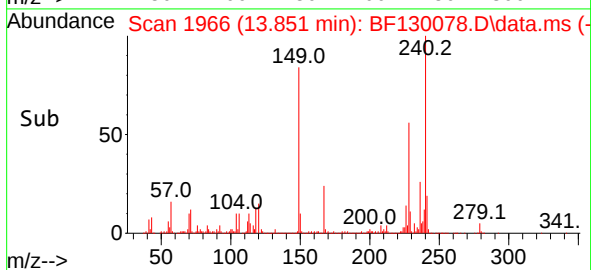
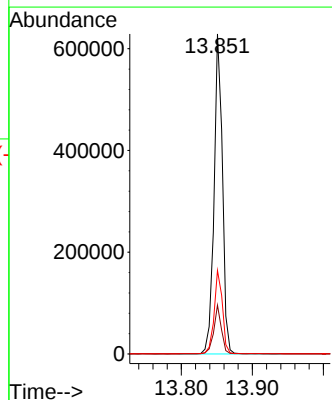
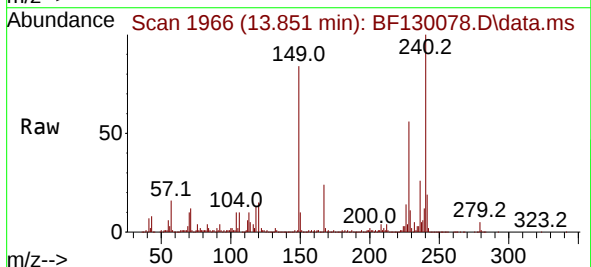
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

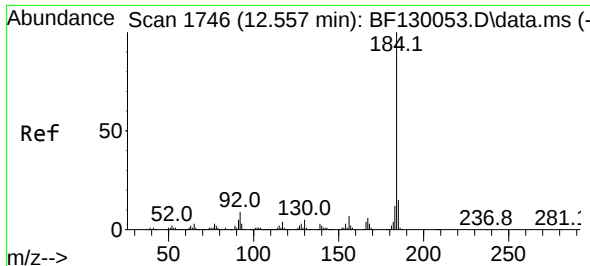
Tgt Ion:202 Resp: 1908449
Ion Ratio Lower Upper
202 100
101 13.7 0.0 30.7
203 18.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:240 Resp: 517102
Ion Ratio Lower Upper
240 100
120 15.3 9.2 13.8#
236 26.1 20.7 31.1

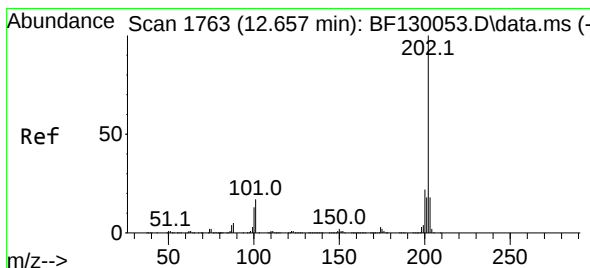
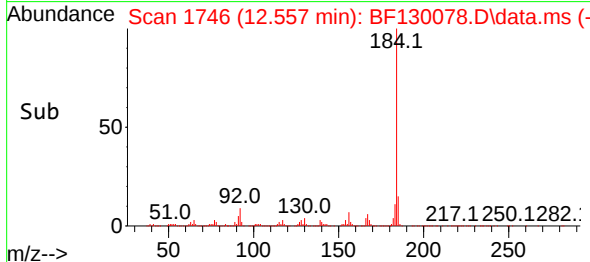
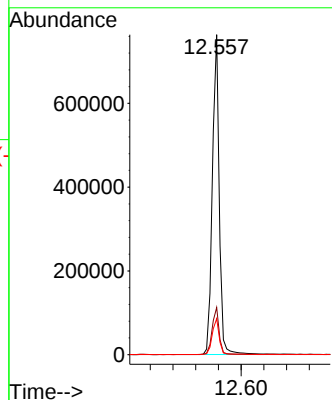
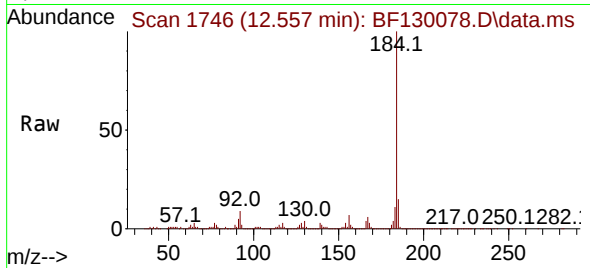




#77
Benzidine
Concen: 45.789 ng
RT: 12.557 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

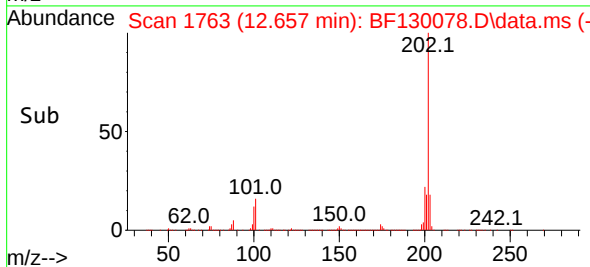
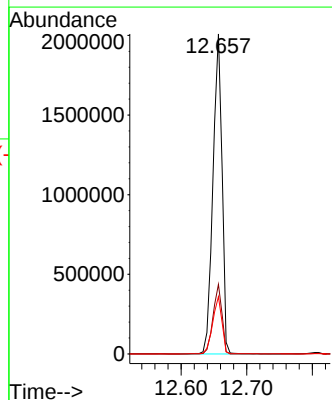
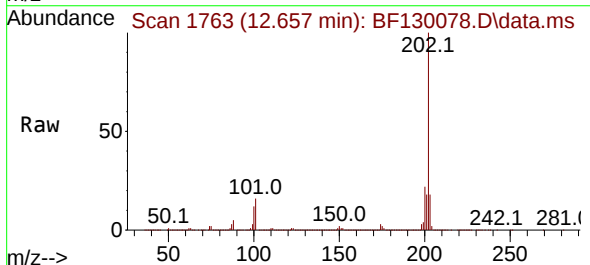
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

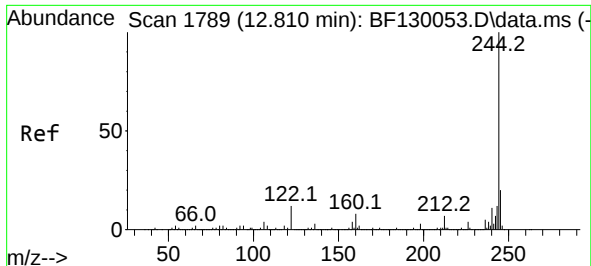
Tgt Ion:184 Resp: 639270
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 11.3 9.4 14.2



#78
Pyrene
Concen: 41.750 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

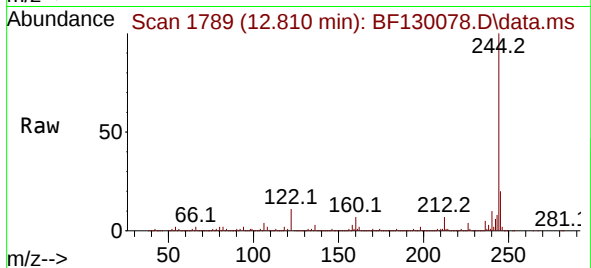
Tgt Ion:202 Resp: 1936435
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 17.9 14.1 21.1



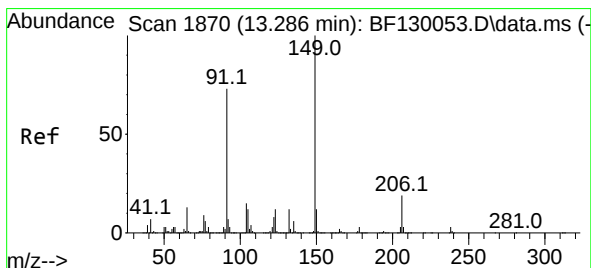
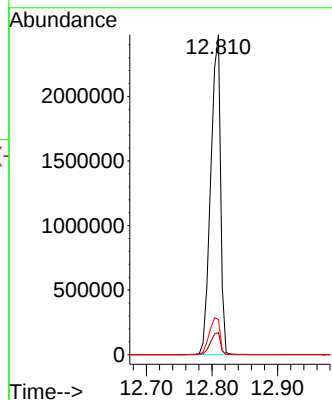
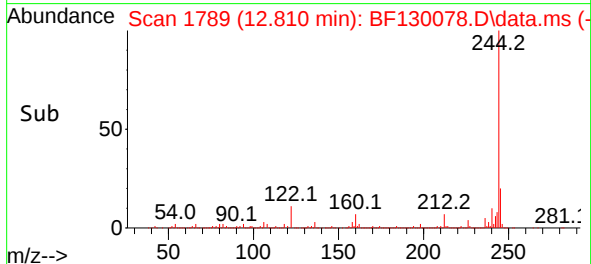


#79
 Terphenyl-d14
 Concen: 86.410 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130078.D
 Acq: 01 Sep 2022 14:44

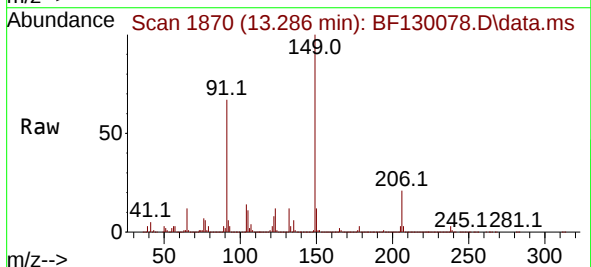
Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01MSD



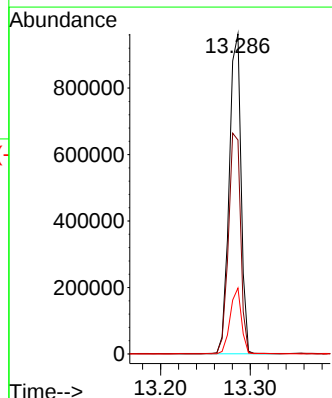
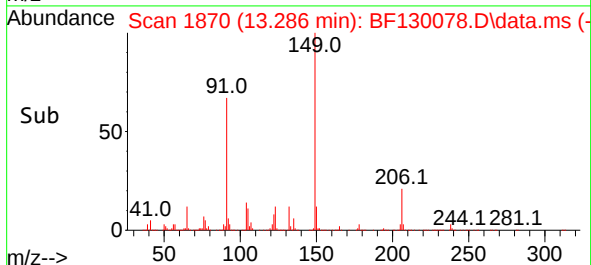
Tgt Ion:244 Resp: 2576678
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.0 9.9 14.9

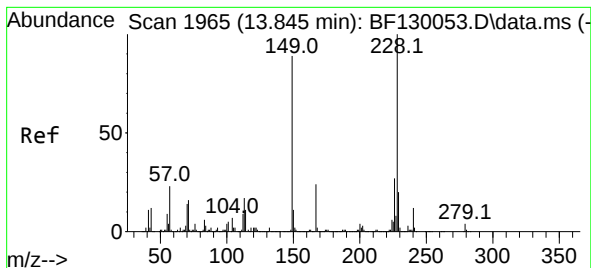


#80
 Butylbenzylphthalate
 Concen: 47.758 ng
 RT: 13.286 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130078.D
 Acq: 01 Sep 2022 14:44



Tgt Ion:149 Resp: 881054
 Ion Ratio Lower Upper
 149 100
 91 66.8 55.4 83.0
 206 20.6 15.8 23.6





#81

Benzo(a)anthracene

Concen: 42.597 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

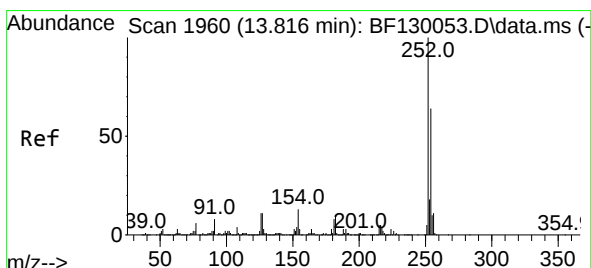
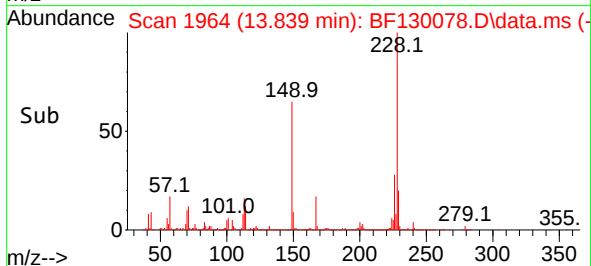
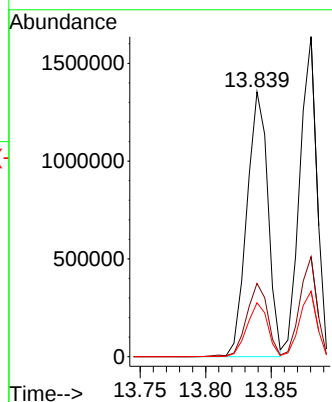
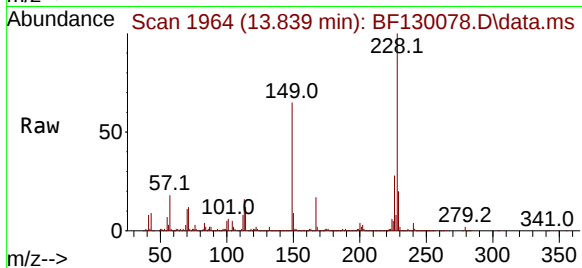
Tgt Ion:228 Resp: 1509532

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.0

229 20.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 32.256 ng

RT: 13.810 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

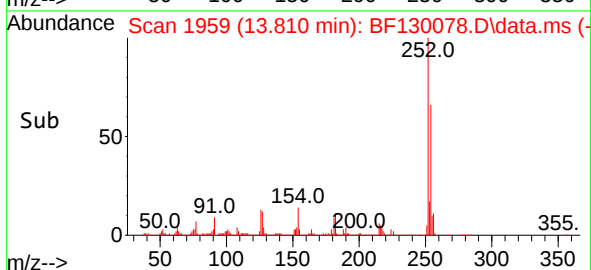
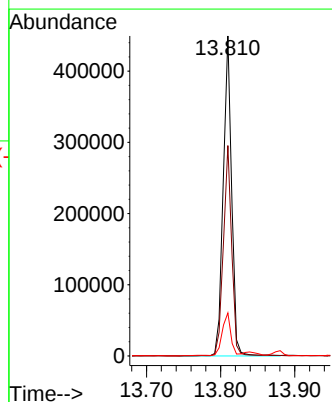
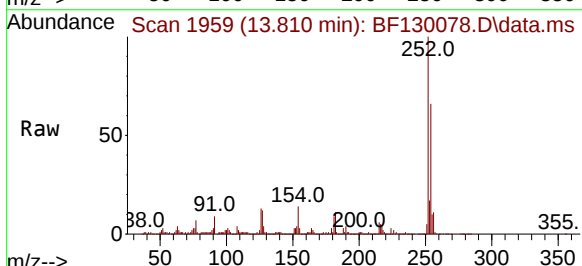
Tgt Ion:252 Resp: 356464

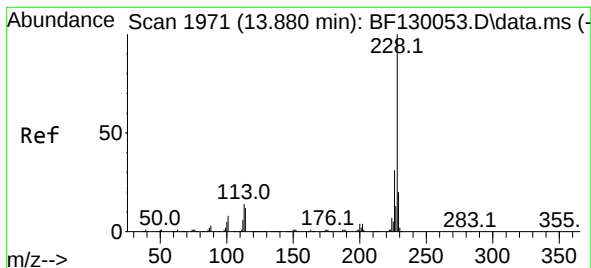
Ion Ratio Lower Upper

252 100

254 65.8 51.4 77.2

126 13.5 10.2 15.4





#83

Chrysene

Concen: 42.726 ng

RT: 13.880 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

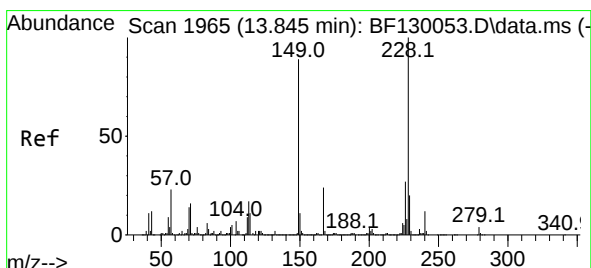
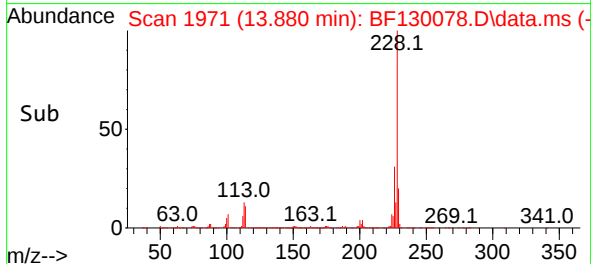
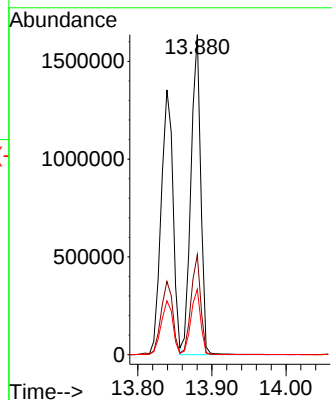
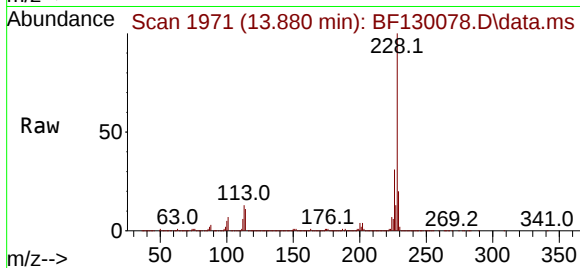
Tgt Ion:228 Resp: 1492759

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 20.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.017 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

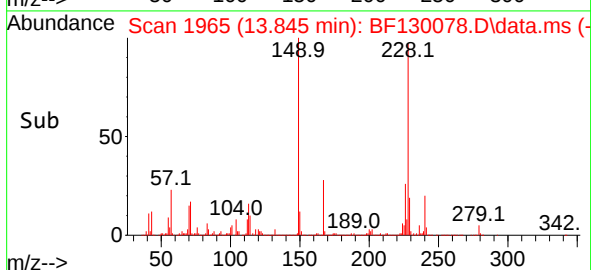
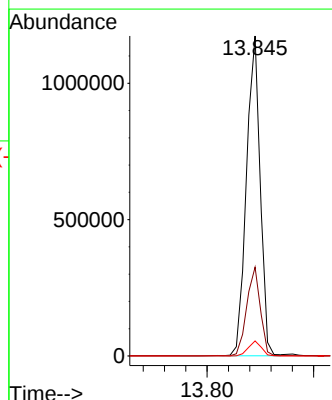
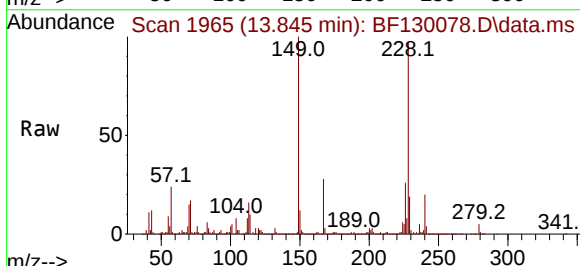
Tgt Ion:149 Resp: 1055219

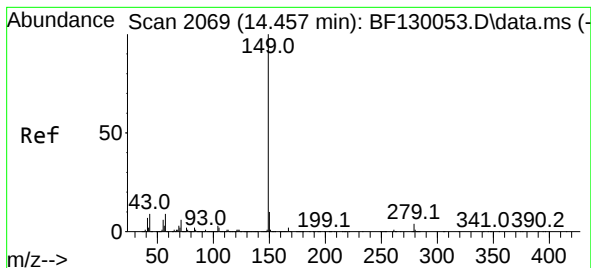
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.693 ng

RT: 14.457 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

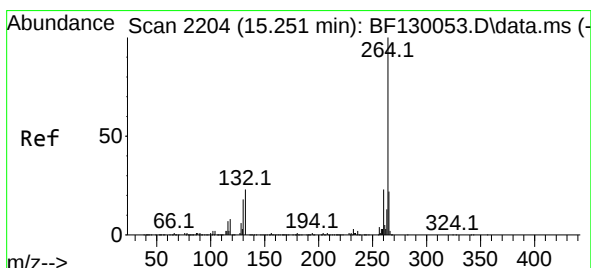
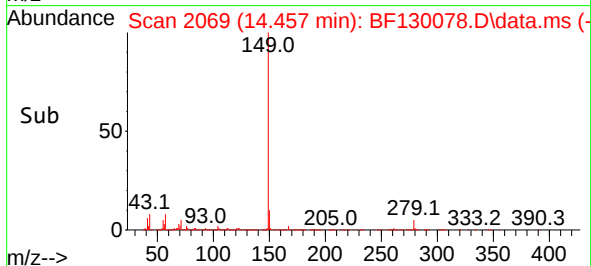
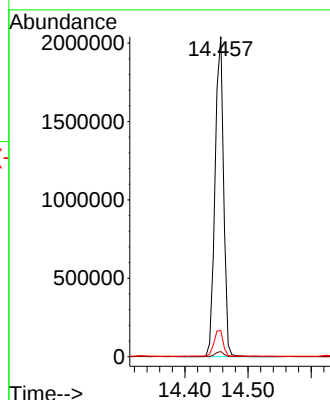
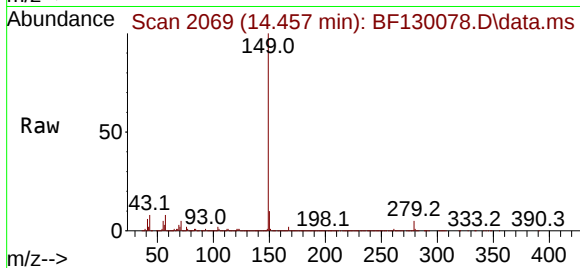
Tgt Ion:149 Resp: 1908677

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.251 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

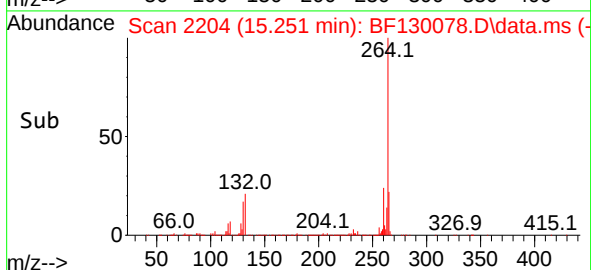
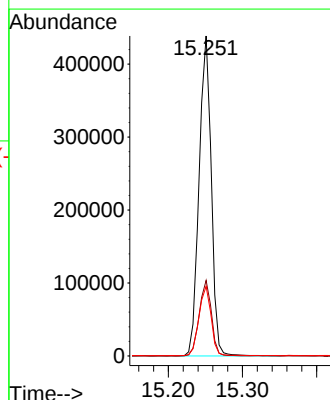
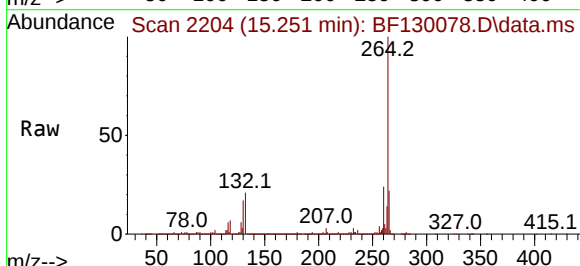
Tgt Ion:264 Resp: 500113

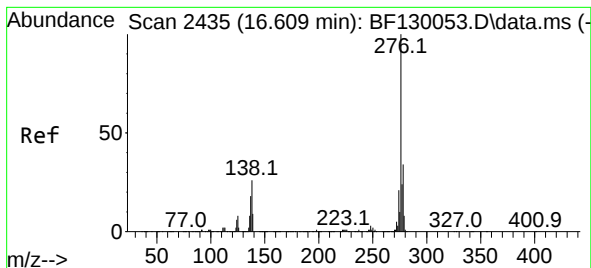
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.671 ng

RT: 16.604 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

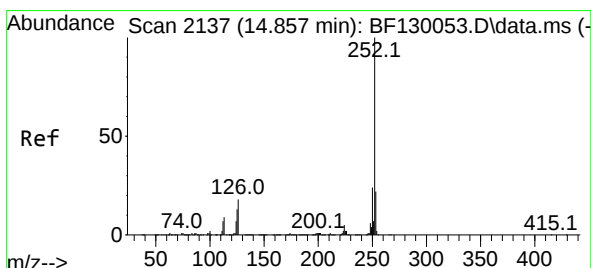
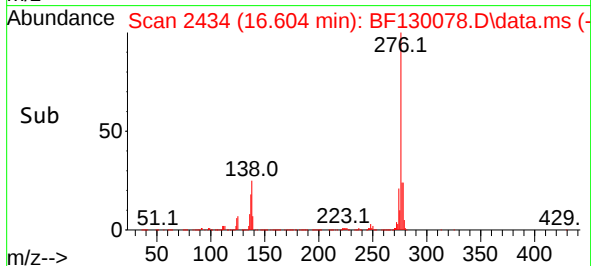
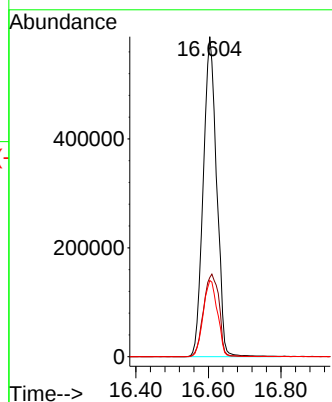
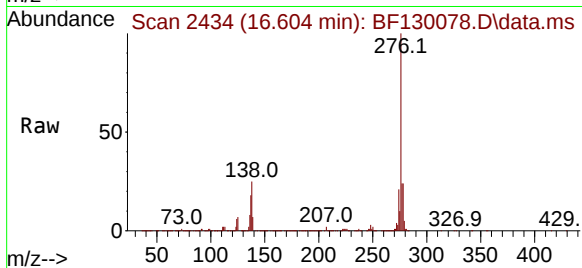
Tgt Ion:276 Resp: 1506656

Ion Ratio Lower Upper

276 100

138 30.0 19.8 29.8#

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.556 ng

RT: 14.857 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

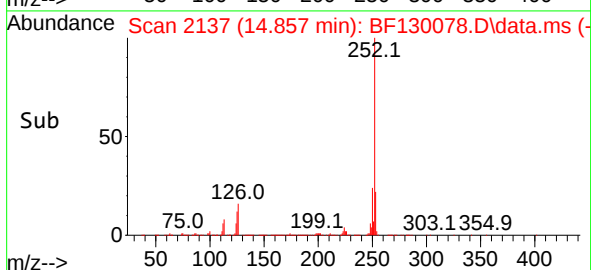
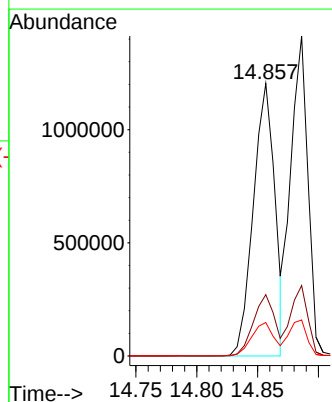
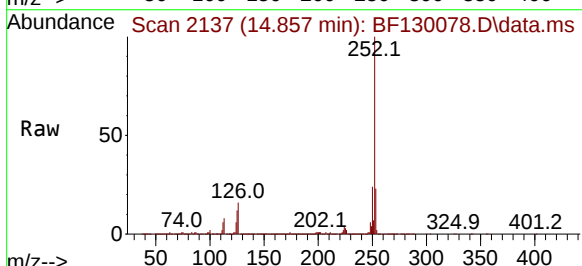
Tgt Ion:252 Resp: 1485978

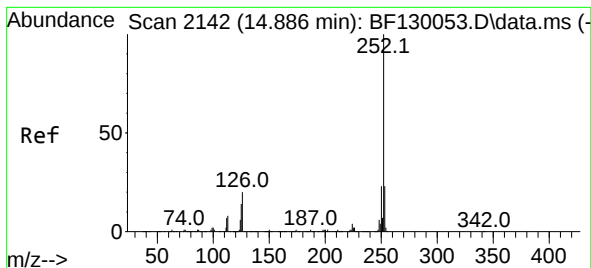
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 12.3 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 43.130 ng

RT: 14.886 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MSD

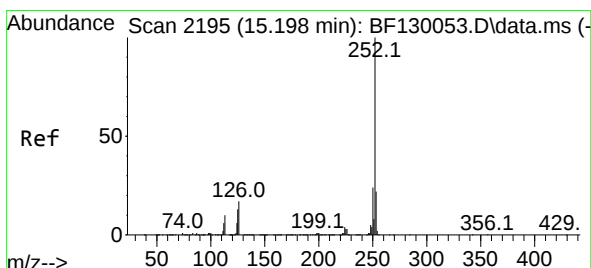
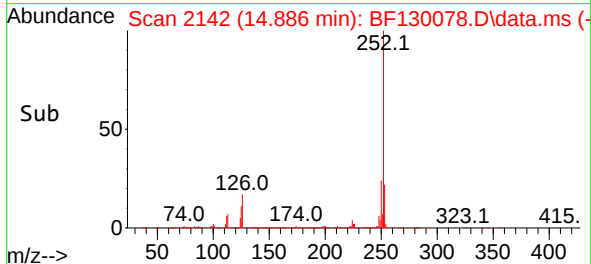
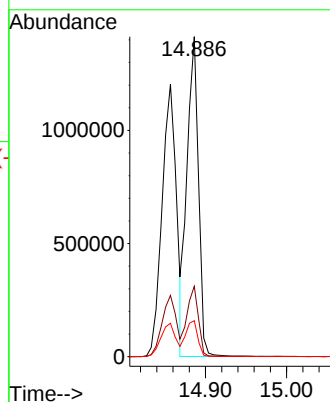
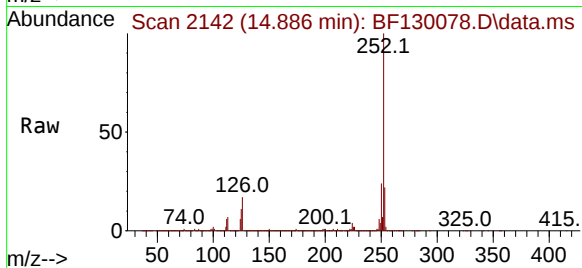
Tgt Ion:252 Resp: 1391153

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 11.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 47.158 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF130078.D

Acq: 01 Sep 2022 14:44

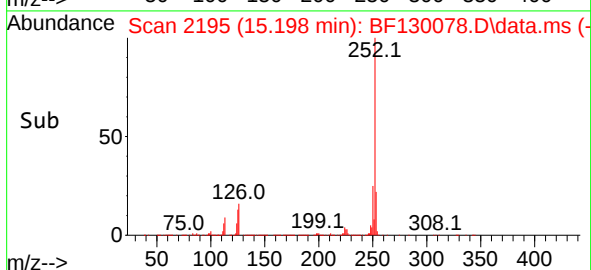
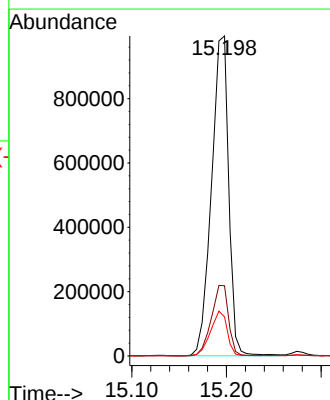
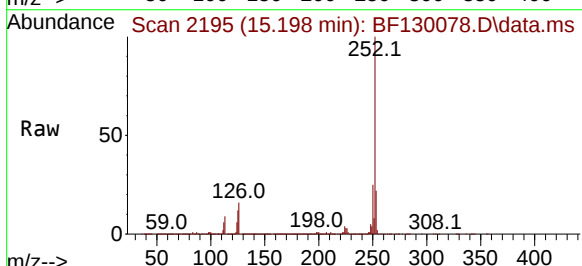
Tgt Ion:252 Resp: 1249729

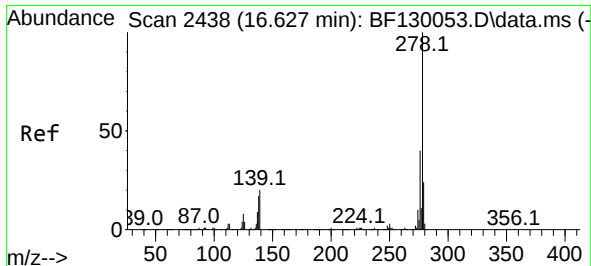
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 12.2 8.8 13.2

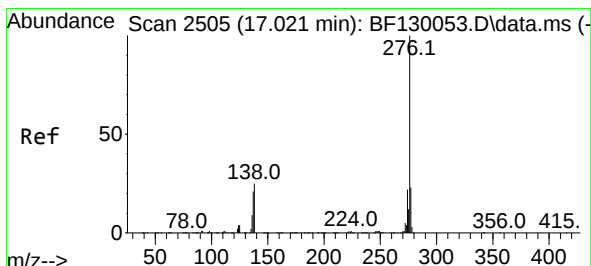
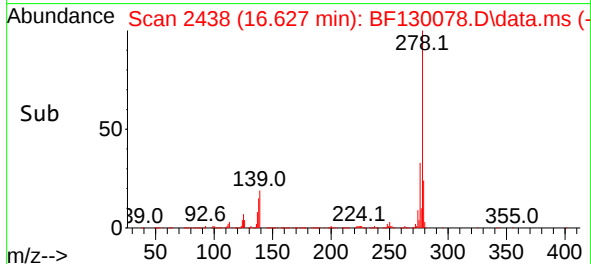
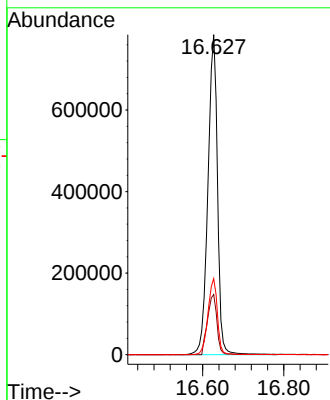
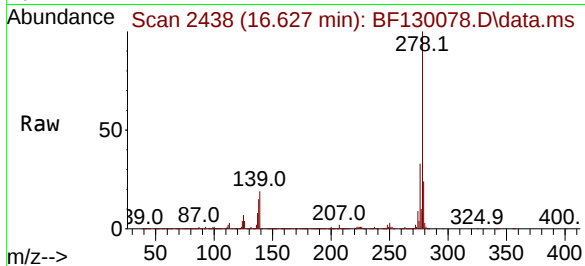




#91
Dibenzo(a,h)anthracene
Concen: 47.347 ng
RT: 16.627 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

Tgt Ion:278 Resp: 1278107
Ion Ratio Lower Upper
278 100
139 18.8 12.2 18.4#
279 23.8 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 48.640 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF130078.D
Acq: 01 Sep 2022 14:44

Tgt Ion:276 Resp: 1313662
Ion Ratio Lower Upper
276 100
277 24.2 18.2 27.4
138 26.7 15.8 23.8#

