

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130061.D
 Acq On : 31 Aug 2022 20:35
 Operator : CG\JU
 Sample : PB147199BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147199BS

Quant Time: Sep 01 03:30:46 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	321102	20.000	ng	0.00
21) Naphthalene-d8	7.992	136	1314516	20.000	ng	0.00
39) Acenaphthene-d10	9.745	164	673844	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	1097522	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	607758	20.000	ng	# 0.00
86) Perylene-d12	15.251	264	532019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	2155774	113.975	ng	0.02
7) Phenol-d6	6.351	99	2696161	114.337	ng	0.00
23) Nitrobenzene-d5	7.281	82	1680384	82.153	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	760482	123.981	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2909600	71.589	ng	0.00
79) Terphenyl-d14	12.810	244	2909146	83.007	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	277198	31.359	ng	96
3) Pyridine	3.193	79	774927	32.693	ng	94
4) n-Nitrosodimethylamine	3.146	42	388979	41.729	ng	81
6) Aniline	6.375	93	1163203	39.345	ng	# 50
8) 2-Chlorophenol	6.493	128	942388	45.394	ng	98
9) Benzaldehyde	6.257	77	581138	40.264	ng	98
10) Phenol	6.363	94	1063079	39.884	ng	# 74
11) bis(2-Chloroethyl)ether	6.451	93	866481	42.785	ng	99
12) 1,3-Dichlorobenzene	6.646	146	922100	40.067	ng	97
13) 1,4-Dichlorobenzene	6.722	146	917668	39.586	ng	99
14) 1,2-Dichlorobenzene	6.875	146	883020	41.903	ng	98
15) Benzyl Alcohol	6.857	79	738255	46.448	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.987	45	1154393	41.942	ng	# 51
17) 2-Methylphenol	6.969	107	742049	42.485	ng	# 87
18) Hexachloroethane	7.216	117	351326	41.969	ng	98
19) n-Nitroso-di-n-propyla...	7.140	70	590116	41.539	ng	91
20) 3+4-Methylphenols	7.122	107	799555	39.036	ng	# 77
22) Acetophenone	7.128	105	1147204	39.063	ng	# 97
24) Nitrobenzene	7.298	77	889038	40.869	ng	97
25) Isophorone	7.540	82	1763224	42.590	ng	98
26) 2-Nitrophenol	7.610	139	467222	45.888	ng	91
27) 2,4-Dimethylphenol	7.651	122	820859	47.254	ng	96
28) bis(2-Chloroethoxy)met...	7.751	93	1083305	43.561	ng	97
29) 2,4-Dichlorophenol	7.845	162	756335	40.704	ng	99
30) 1,2,4-Trichlorobenzene	7.934	180	748232	38.190	ng	99
31) Naphthalene	8.010	128	2470691	37.266	ng	99
32) Benzoic acid	7.798	122	640397	45.541	ng	99
33) 4-Chloroaniline	8.063	127	886107	33.082	ng	99
34) Hexachlorobutadiene	8.128	225	429908	38.314	ng	99
35) Caprolactam	8.457	113	130976	22.747	ng	94
36) 4-Chloro-3-methylphenol	8.551	107	767457	40.817	ng	93
37) 2-Methylnaphthalene	8.704	142	1618232	37.892	ng	99
38) 1-Methylnaphthalene	8.798	142	1539158	37.078	ng	99
40) 1,2,4,5-Tetrachloroben...	8.869	216	664944	37.843	ng	98
41) Hexachlorocyclopentadiene	8.857	237	846253	92.155	ng	98
43) 2,4,6-Trichlorophenol	8.981	196	516066	41.146	ng	98

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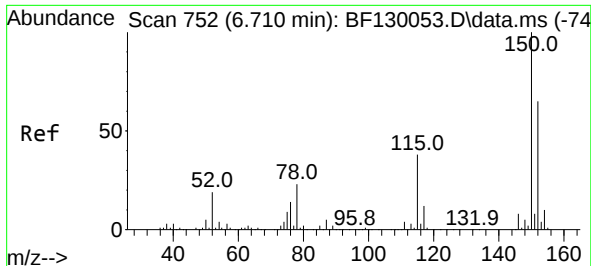
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	544364	40.043	ng	97
46) 1,1'-Biphenyl	9.169	154	1875660	38.314	ng	98
47) 2-Chloronaphthalene	9.192	162	1486671	37.901	ng	100
48) 2-Nitroaniline	9.292	65	454484	47.019	ng	# 85
49) Acenaphthylene	9.604	152	2239592	37.600	ng	99
50) Dimethylphthalate	9.481	163	1783818	38.866	ng	99
51) 2,6-Dinitrotoluene	9.539	165	408610	45.663	ng	# 83
52) Acenaphthene	9.781	154	1358014	36.177	ng	98
53) 3-Nitroaniline	9.704	138	356377	34.697	ng	99
54) 2,4-Dinitrophenol	9.810	184	360165	87.779	ng	92
55) Dibenzofuran	9.951	168	2017205	37.527	ng	98
56) 4-Nitrophenol	9.869	139	716598	90.496	ng	92
57) 2,4-Dinitrotoluene	9.939	165	471940	45.808	ng	92
58) Fluorene	10.292	166	1471021	35.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	416125	39.411	ng	# 78
60) Diethylphthalate	10.175	149	1717279	38.676	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	676049	37.392	ng	97
62) 4-Nitroaniline	10.328	138	437168	43.765	ng	92
63) Azobenzene	10.445	77	1629849	37.281	ng	95
65) 4,6-Dinitro-2-methylph...	10.345	198	216184	42.620	ng	90
66) n-Nitrosodiphenylamine	10.410	169	1418722	38.669	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	485525	39.772	ng	95
68) Hexachlorobenzene	10.833	284	527379	39.647	ng	93
69) Atrazine	10.939	200	466674	44.961	ng	96
70) Pentachlorophenol	11.028	266	608403	81.793	ng	98
71) Phenanthrene	11.251	178	2147281	36.077	ng	98
72) Anthracene	11.304	178	2187369	37.384	ng	99
73) Carbazole	11.457	167	2071704	38.396	ng	99
74) Di-n-butylphthalate	11.792	149	2523708	38.789	ng	99
75) Fluoranthene	12.433	202	2218282	37.584	ng	98
77) Benzidine	12.557	184	1148311	69.981	ng	98
78) Pyrene	12.657	202	2221367	40.749	ng	99
80) Butylbenzylphthalate	13.286	149	991218	45.715	ng	98
81) Benzo(a)anthracene	13.839	228	1595221	38.300	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	522944	40.262	ng	99
83) Chrysene	13.880	228	1595802	38.862	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1141189	42.342	ng	99
85) Di-n-octyl phthalate	14.457	149	1916098	45.007	ng	98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1514674	43.160	ng	# 94
88) Benzo(b)fluoranthene	14.857	252	1485843	41.880	ng	97
89) Benzo(k)fluoranthene	14.886	252	1408385	41.045	ng	97
90) Benzo(a)pyrene	15.198	252	1271314	45.095	ng	99
91) Dibenzo(a,h)anthracene	16.627	278	1321124	46.006	ng	# 96
92) Benzo(g,h,i)perylene	17.021	276	1323967	46.081	ng	# 94

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

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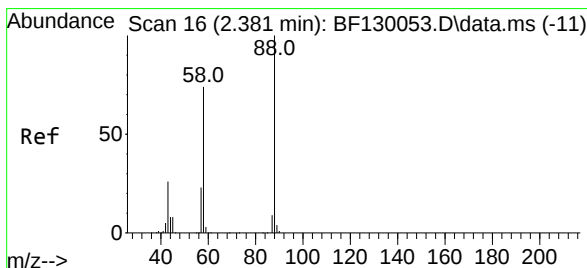
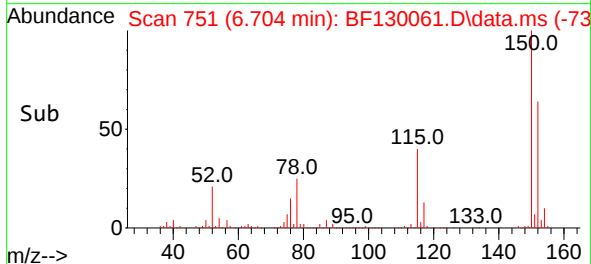
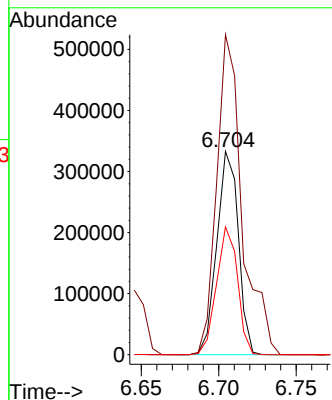
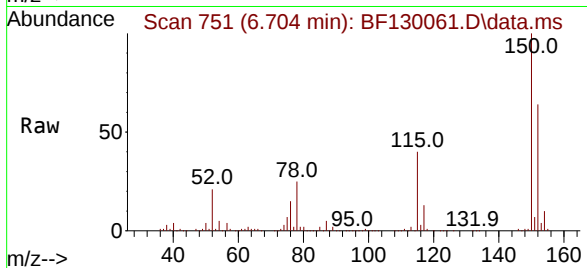




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130061.D
 Acq: 31 Aug 2022 20:35

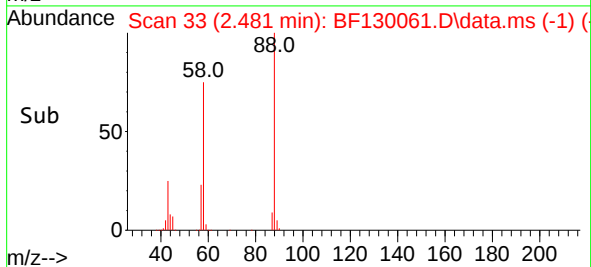
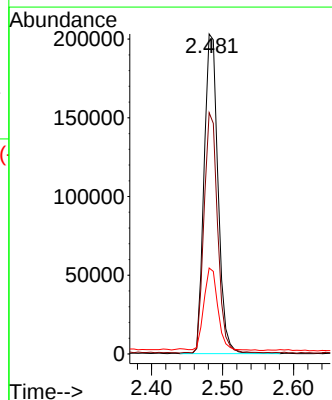
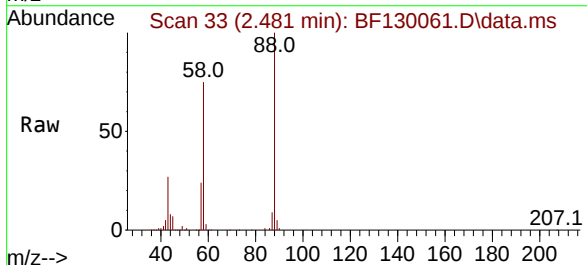
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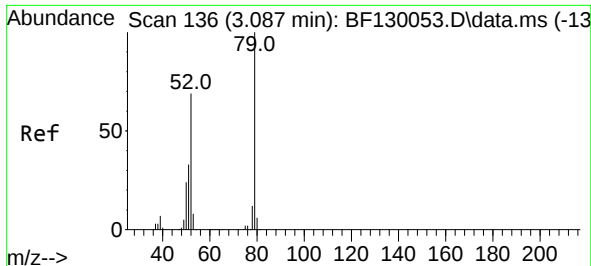
Tgt Ion:152 Resp: 321102
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.9 190.3
 115 62.9 53.4 80.0



#2
 1,4-Dioxane
 Concen: 31.359 ng
 RT: 2.481 min Scan# 33
 Delta R.T. 0.100 min
 Lab File: BF130061.D
 Acq: 31 Aug 2022 20:35

Tgt Ion: 88 Resp: 277198
 Ion Ratio Lower Upper
 88 100
 58 73.8 60.9 91.3
 43 26.0 23.6 35.4

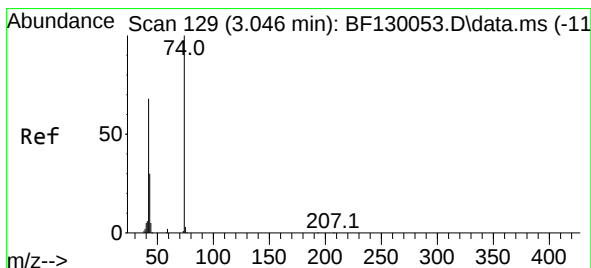
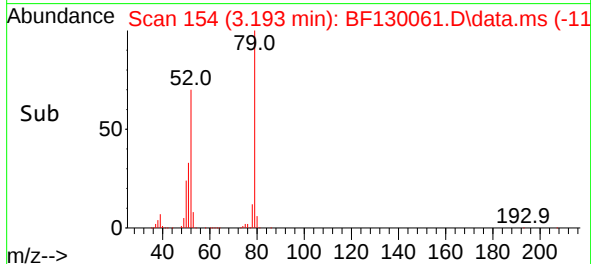
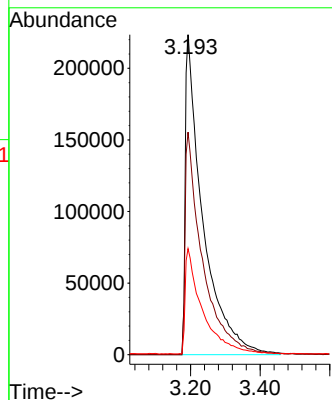
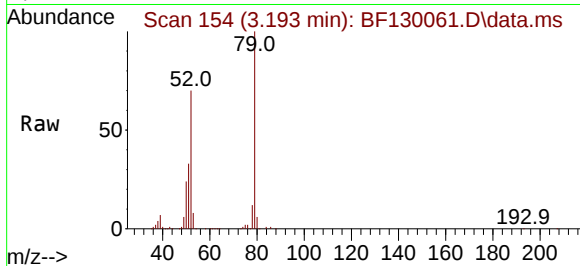




#3
 Pyridine
 Concen: 32.693 ng
 RT: 3.193 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: BF130061.D
 Acq: 31 Aug 2022 20:35

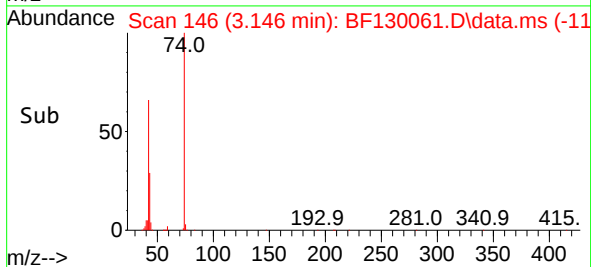
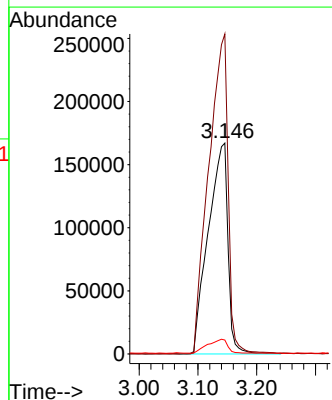
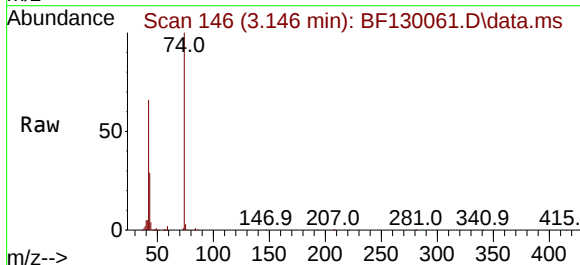
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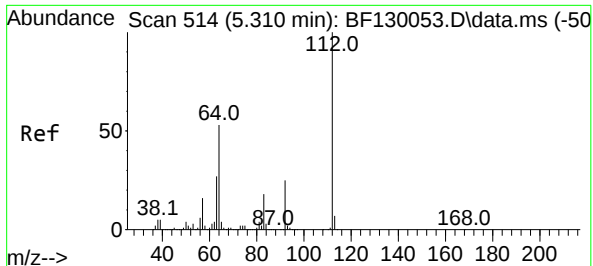
Tgt Ion: 79 Resp: 774927
 Ion Ratio Lower Upper
 79 100
 52 69.5 59.4 89.2
 51 33.2 29.5 44.3



#4
 n-Nitrosodimethylamine
 Concen: 41.729 ng
 RT: 3.146 min Scan# 146
 Delta R.T. 0.100 min
 Lab File: BF130061.D
 Acq: 31 Aug 2022 20:35

Tgt Ion: 42 Resp: 388979
 Ion Ratio Lower Upper
 42 100
 74 151.7 103.1 154.7
 44 6.6 5.4 8.2

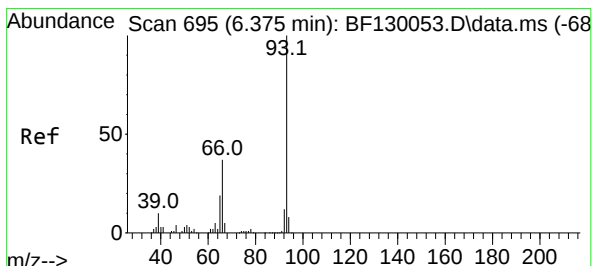
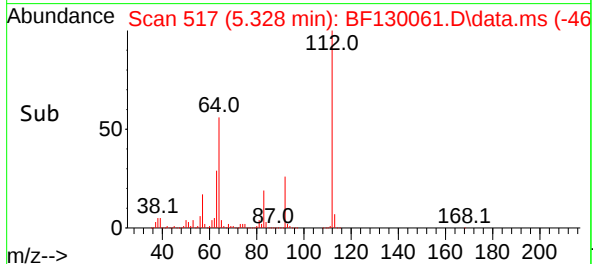
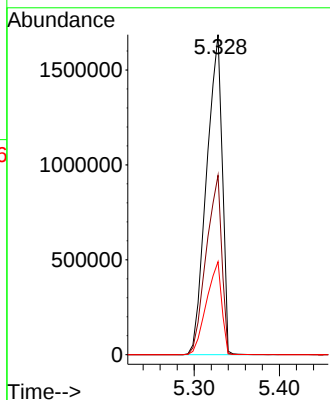
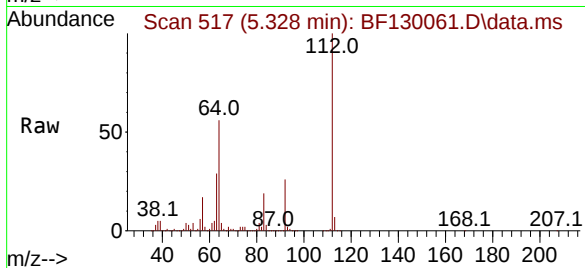




#5
2-Fluorophenol
Concen: 113.975 ng
RT: 5.328 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

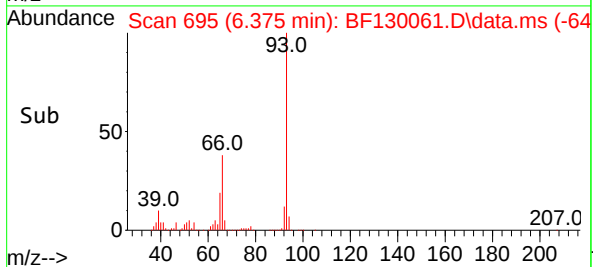
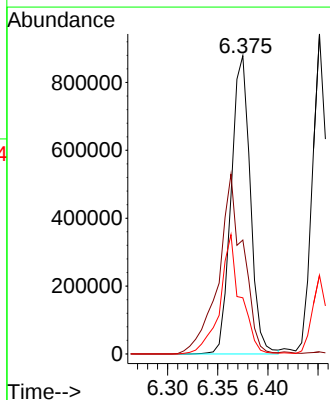
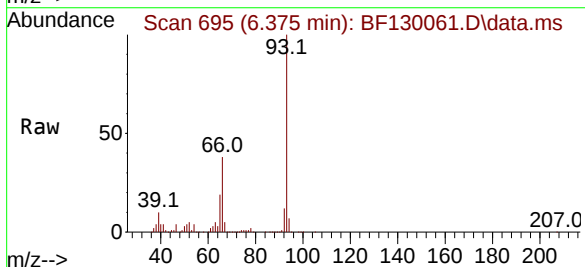
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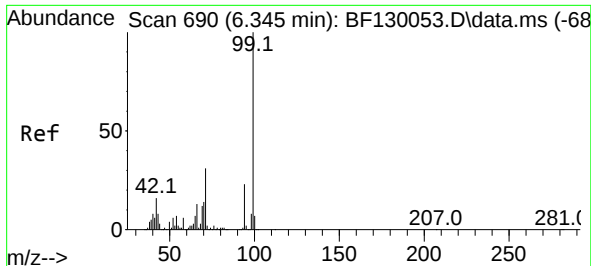
Tgt Ion:112 Resp: 2155774
Ion Ratio Lower Upper
112 100
64 56.0 47.6 71.4
63 29.1 24.6 37.0



#6
Aniline
Concen: 39.345 ng
RT: 6.375 min Scan# 695
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion: 93 Resp: 1163203
Ion Ratio Lower Upper
93 100
66 38.2 68.7 103.1#
65 18.8 41.6 62.4#

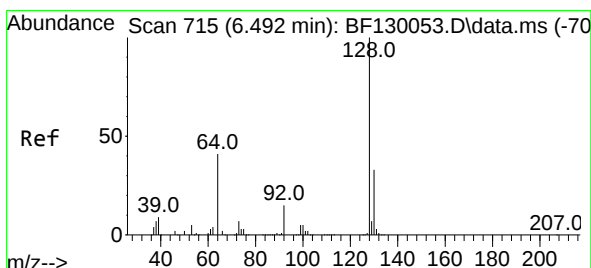
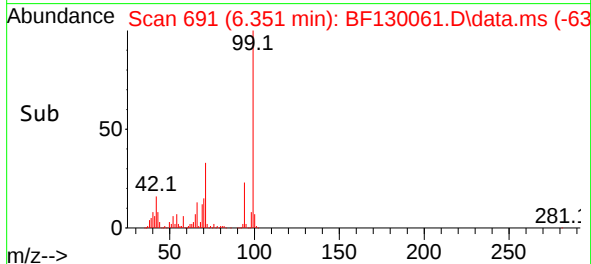
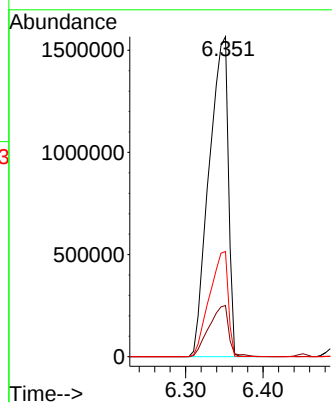
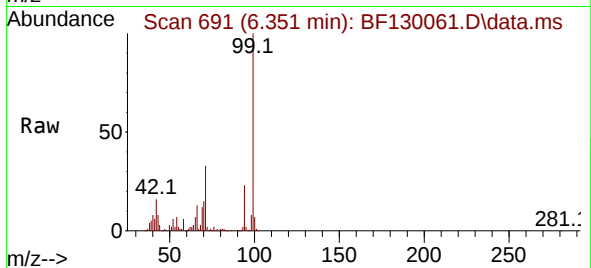




#7
Phenol-d6
Concen: 114.337 ng
RT: 6.351 min Scan# 691
Delta R.T. 0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

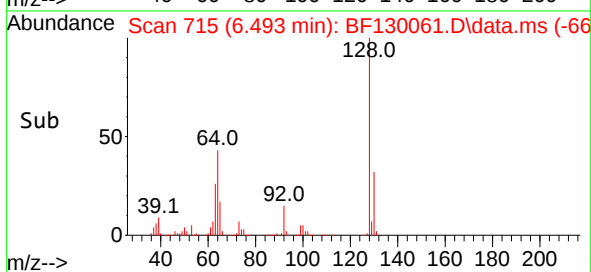
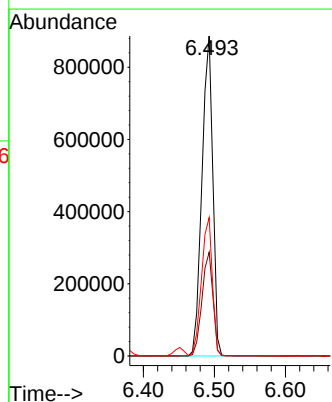
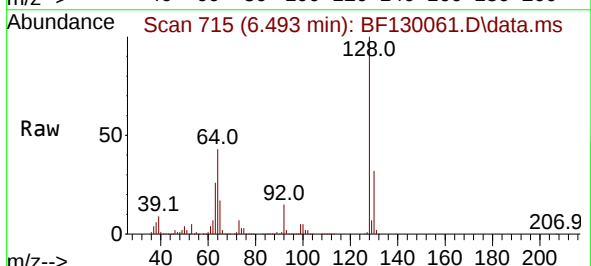
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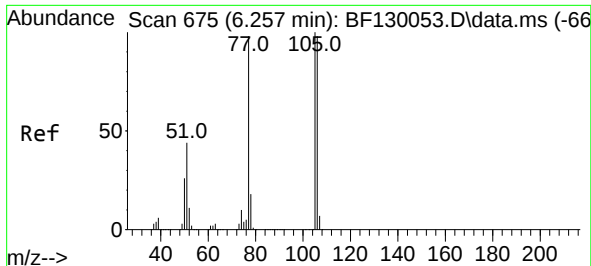
Tgt Ion: 99 Resp: 2696161
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.4
71 32.9 28.8 43.2



#8
2-Chlorophenol
Concen: 45.394 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion: 128 Resp: 942388
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 43.2 24.9 64.9

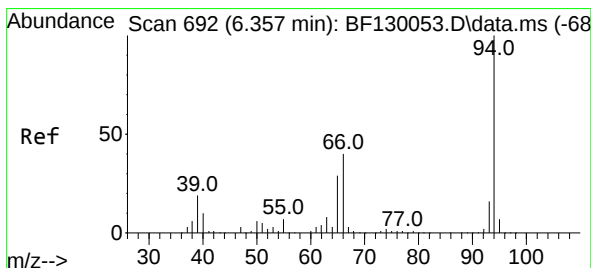
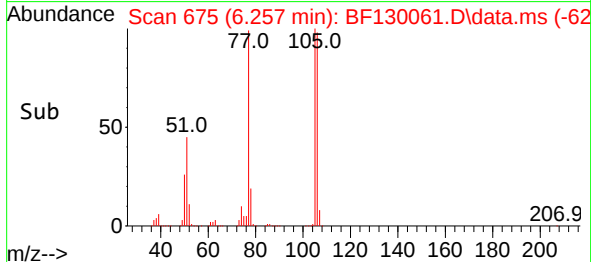
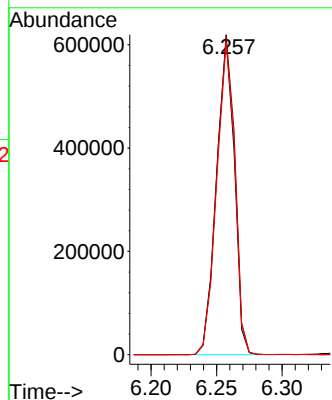
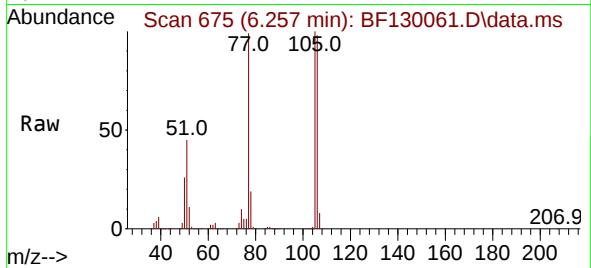




#9
Benzaldehyde
Concen: 40.264 ng
RT: 6.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

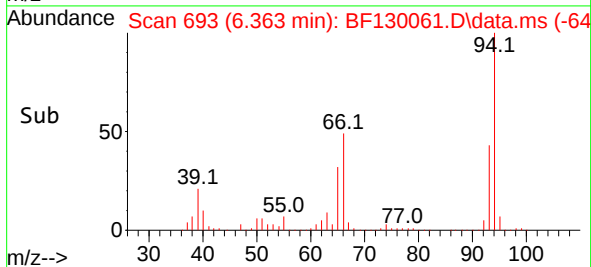
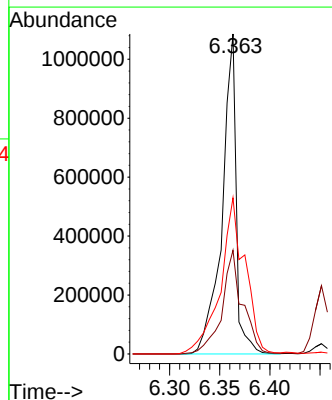
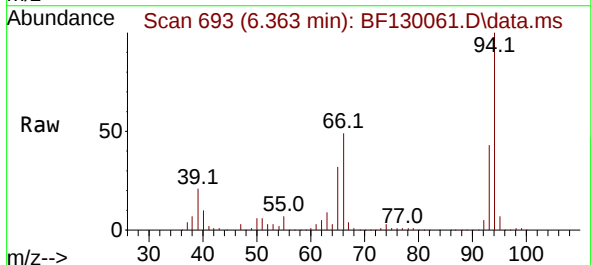
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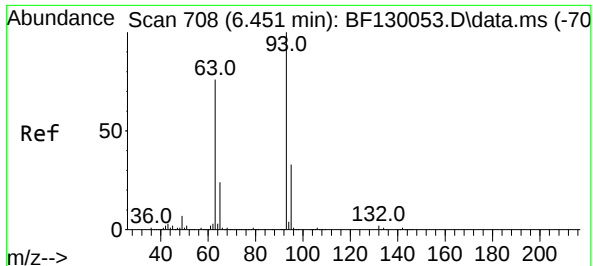
Tgt Ion: 77 Resp: 581138
Ion Ratio Lower Upper
77 100
105 101.0 80.3 120.3
106 98.5 74.3 114.3



#10
Phenol
Concen: 39.884 ng
RT: 6.363 min Scan# 693
Delta R.T. 0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion: 94 Resp: 1063079
Ion Ratio Lower Upper
94 100
65 32.4 24.9 64.9
66 48.8 54.2 94.2#





#11

bis(2-Chloroethyl)ether

Concen: 42.785 ng

RT: 6.451 min Scan# 708

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

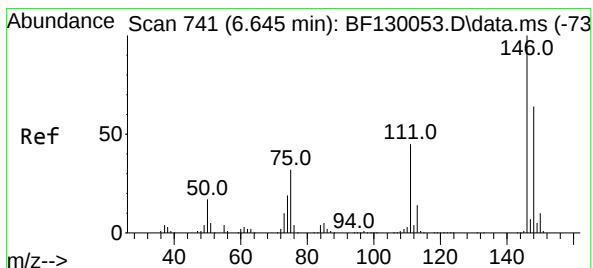
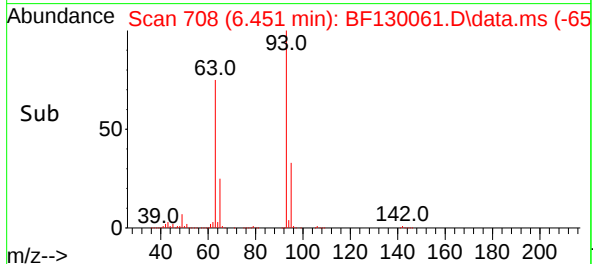
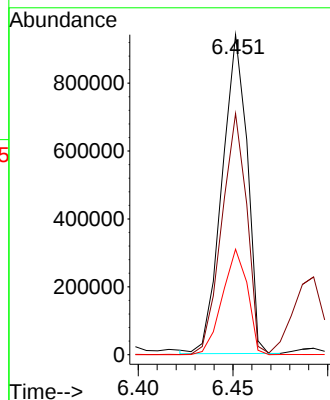
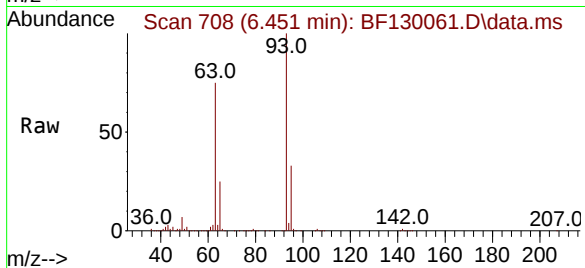
Tgt Ion: 93 Resp: 866481

Ion Ratio Lower Upper

93 100

63 75.3 55.9 95.9

95 32.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.067 ng

RT: 6.646 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

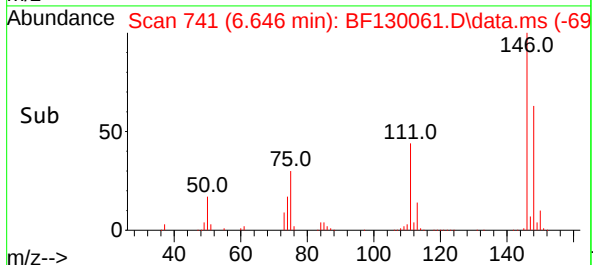
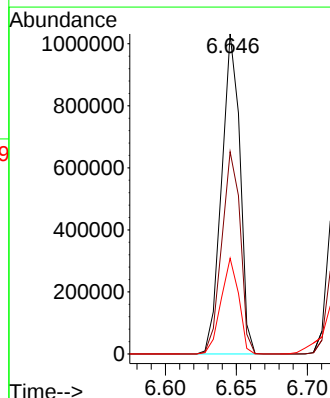
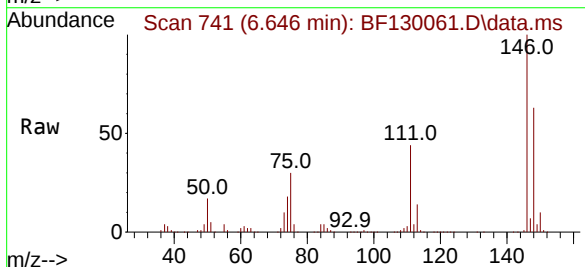
Tgt Ion:146 Resp: 922100

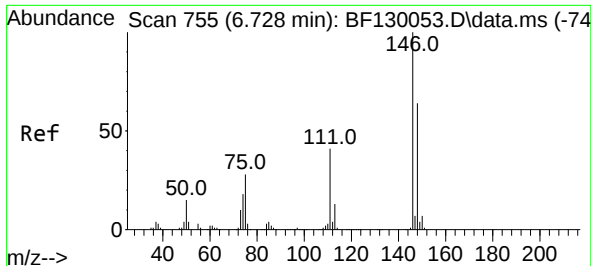
Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

75 29.9 26.5 39.7

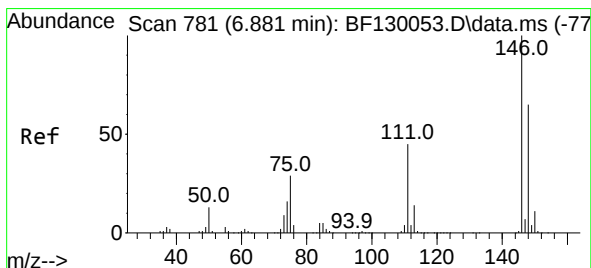
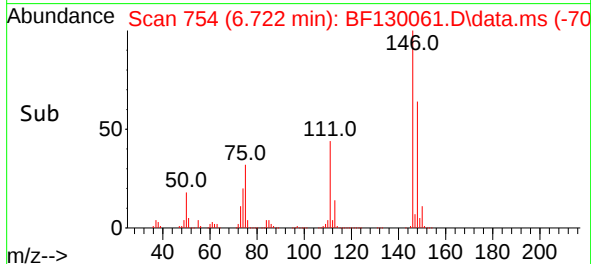
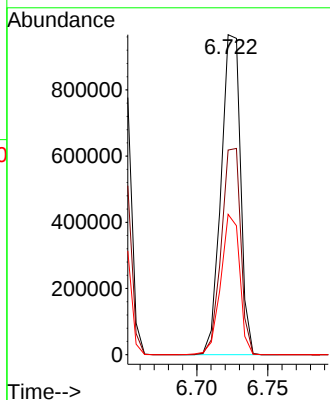
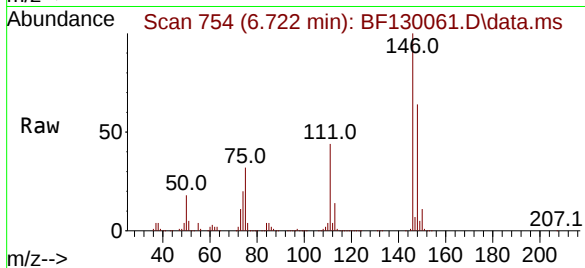




#13
1,4-Dichlorobenzene
Concen: 39.586 ng
RT: 6.722 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

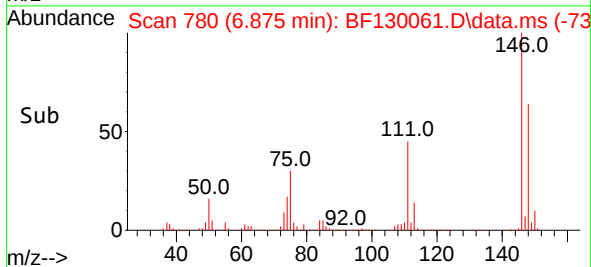
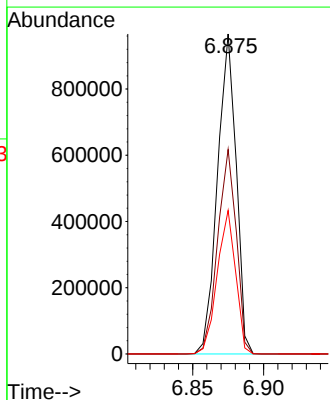
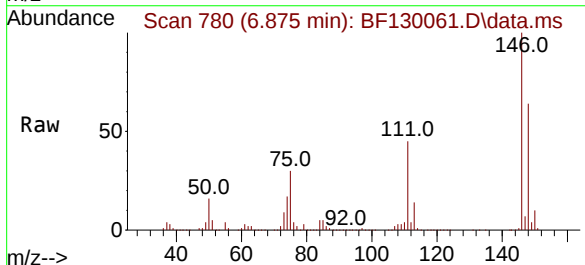
Instrument :
BNA_F
ClientSampleId :
PB147199BS

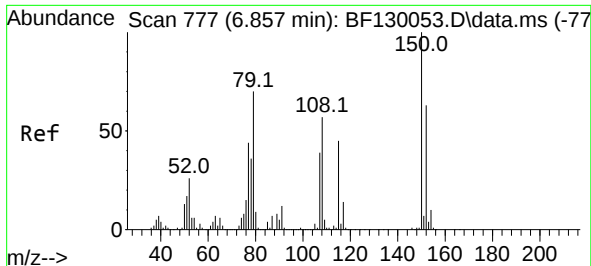
Tgt Ion:146 Resp: 917668
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
111 43.9 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 41.903 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:146 Resp: 883020
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
111 44.9 37.2 55.8

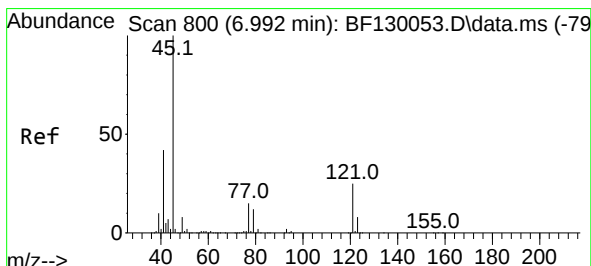
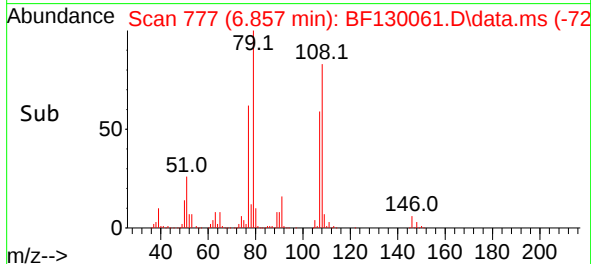
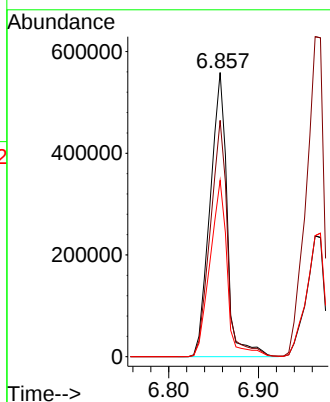
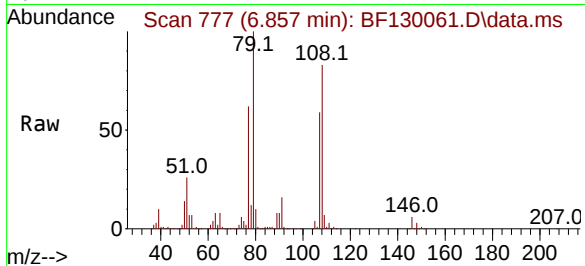




#15
Benzyl Alcohol
Concen: 46.448 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

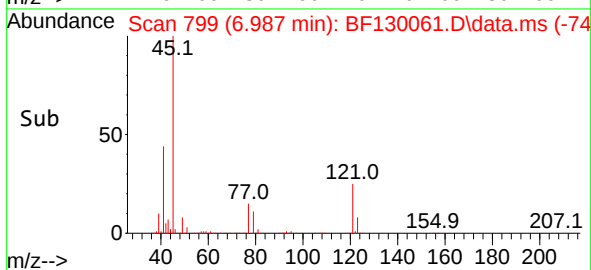
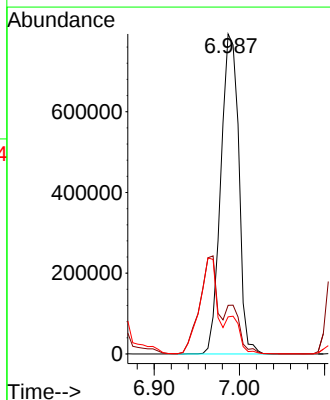
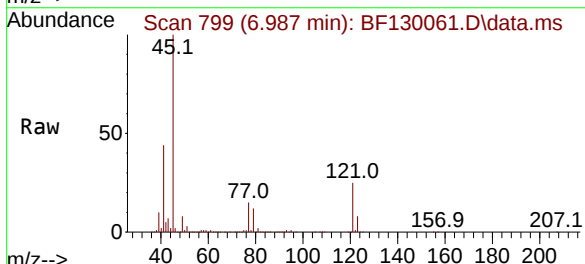
Instrument :
BNA_F
ClientSampleId :
PB147199BS

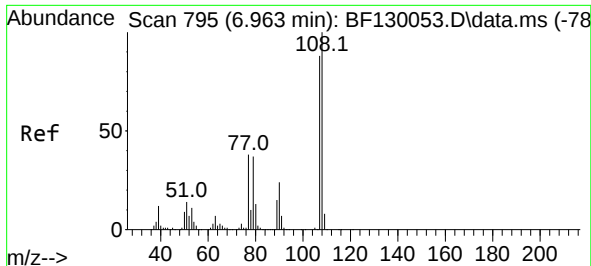
Tgt Ion: 79 Resp: 738255
Ion Ratio Lower Upper
79 100
108 83.1 59.2 88.8
77 62.0 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.942 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

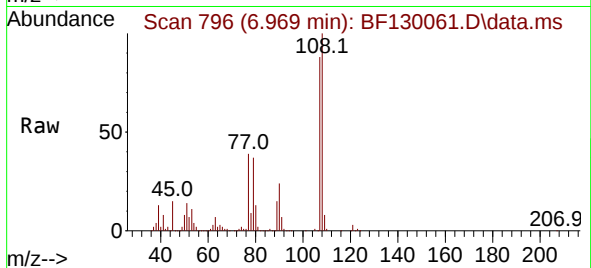
Tgt Ion: 45 Resp: 1154393
Ion Ratio Lower Upper
45 100
77 15.2 27.4 67.4#
79 11.6 24.4 64.4#



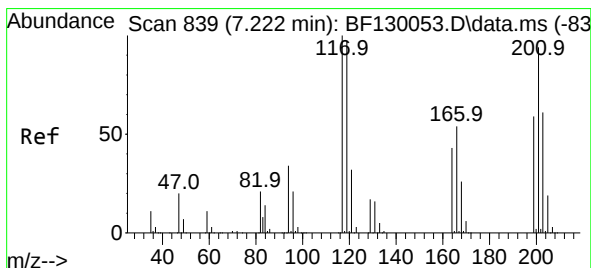
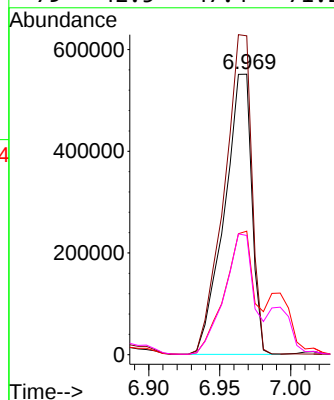
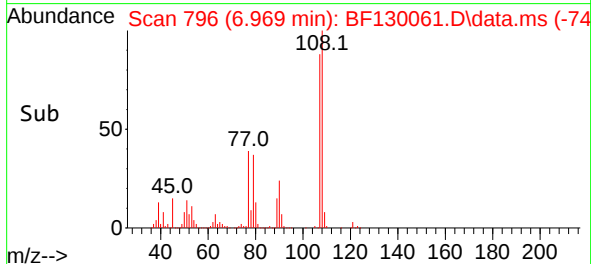


#17
2-Methylphenol
Concen: 42.485 ng
RT: 6.969 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Instrument :
BNA_F
ClientSampleId :
PB147199BS

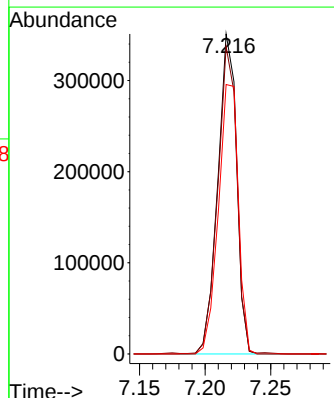
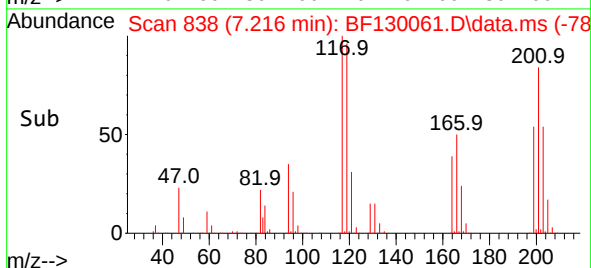
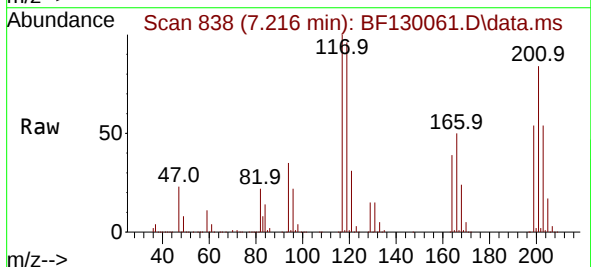


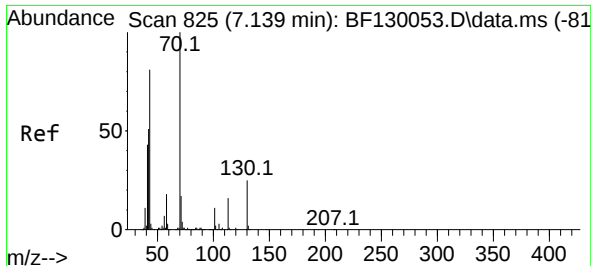
Tgt Ion:107 Resp: 742049
Ion Ratio Lower Upper
107 100
108 113.6 90.2 135.2
77 44.0 51.8 77.8#
79 42.5 47.4 71.2#



#18
Hexachloroethane
Concen: 41.969 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:117 Resp: 351326
Ion Ratio Lower Upper
117 100
119 96.0 79.1 118.7
201 84.2 66.6 100.0

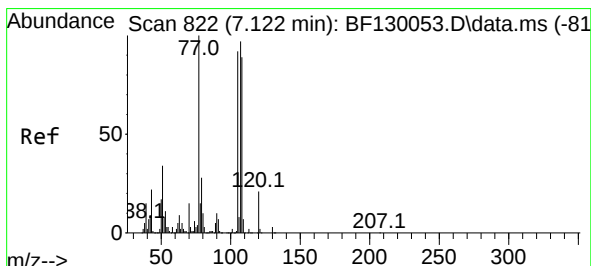
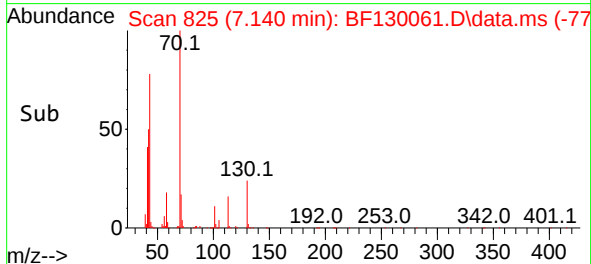
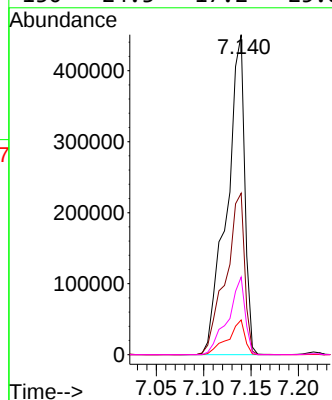
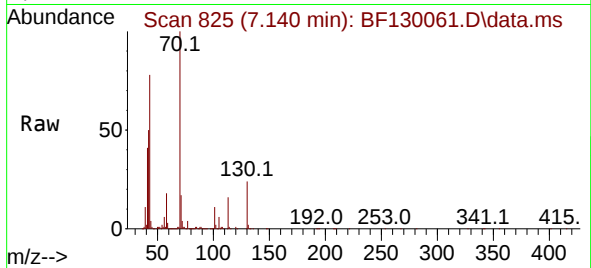




#19
n-Nitroso-di-n-propylamine
Concen: 41.539 ng
RT: 7.140 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

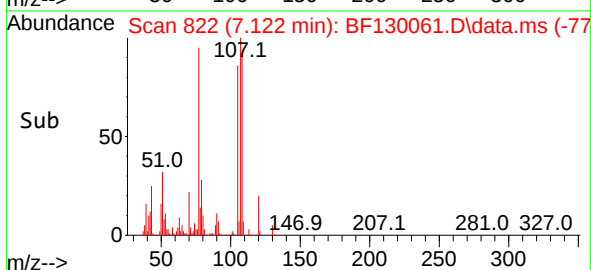
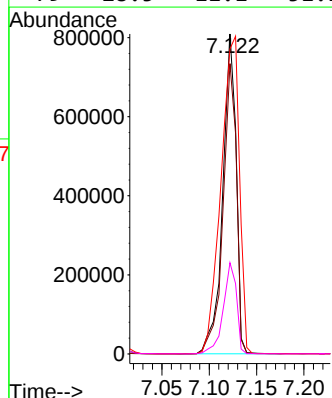
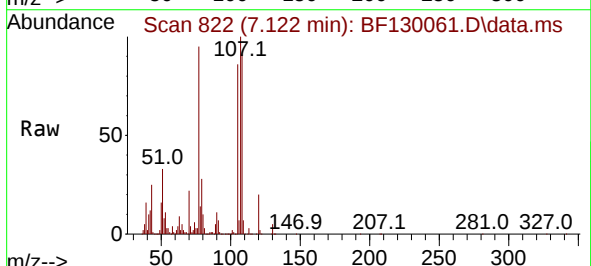
Instrument :
BNA_F
ClientSampleId :
PB147199BS

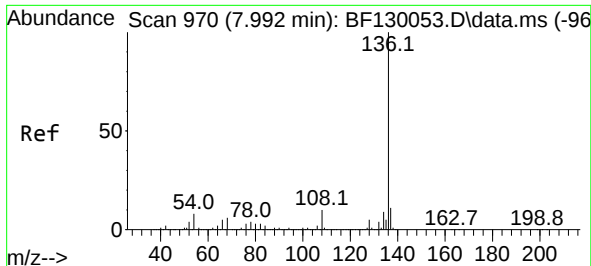
Tgt Ion: 70 Resp: 590116
Ion Ratio Lower Upper
70 100
42 50.4 47.6 71.4
101 10.9 8.1 12.1
130 24.3 17.2 25.8



#20
3+4-Methylphenols
Concen: 39.036 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion: 107 Resp: 799555
Ion Ratio Lower Upper
107 100
108 90.8 71.3 111.3
77 95.3 20.4 60.4#
79 28.5 11.1 51.1

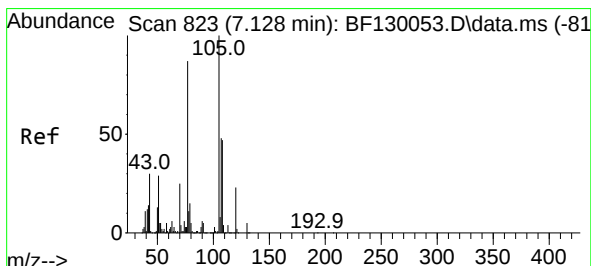
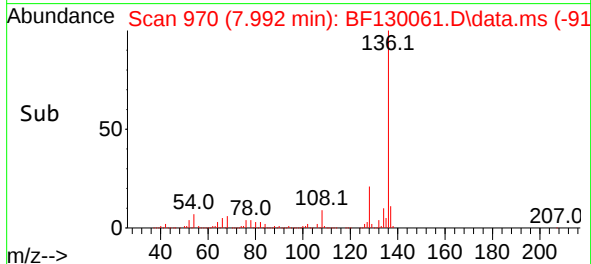
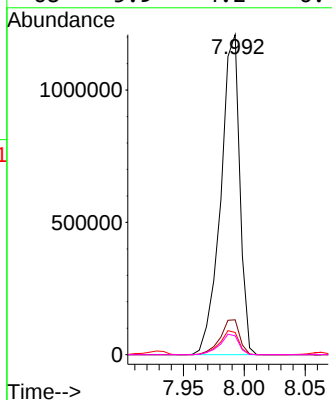
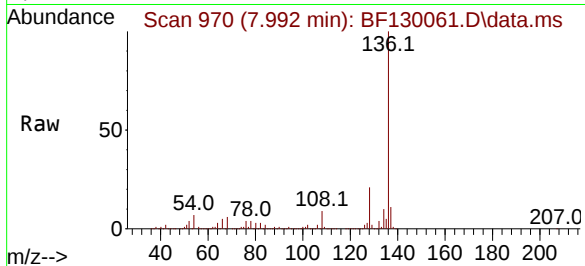




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.992 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

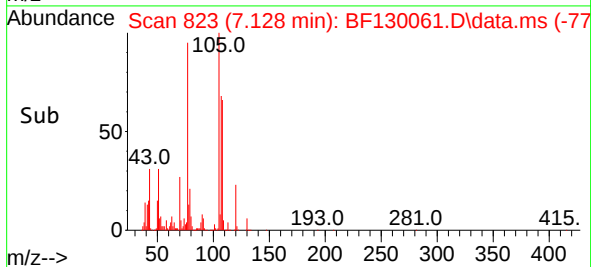
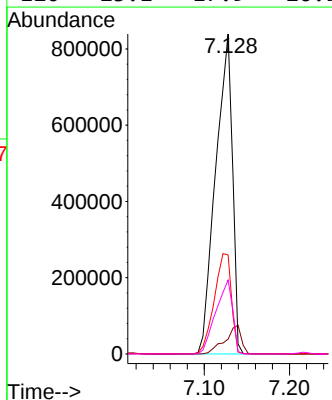
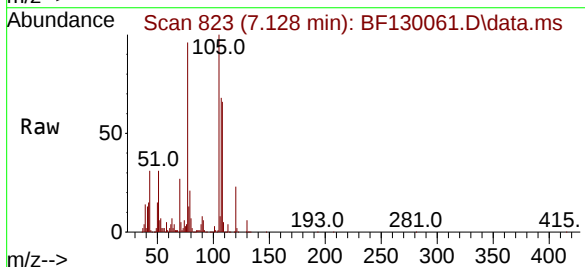
Instrument :
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ClientSampleId :
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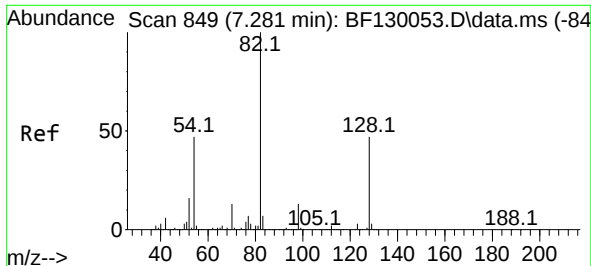
Tgt Ion:136 Resp: 1314516
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.9 6.2 9.2
68 5.9 4.2 6.4



#22
Acetophenone
Concen: 39.063 ng
RT: 7.128 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:105 Resp: 1147204
Ion Ratio Lower Upper
105 100
71 4.7 6.6 9.8#
51 31.0 23.8 35.8
120 23.1 17.9 26.9

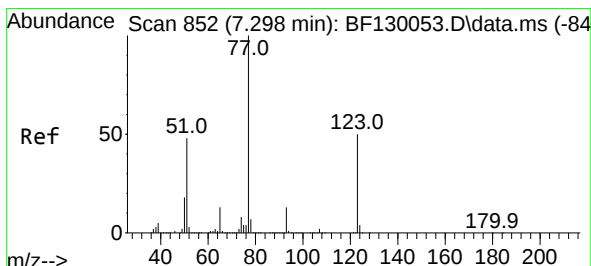
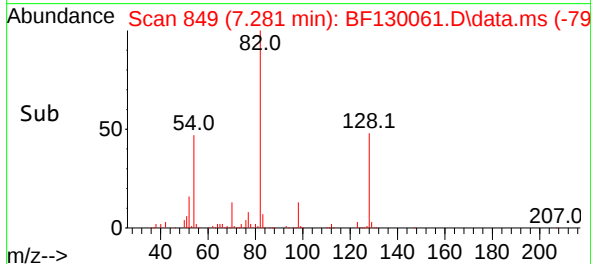
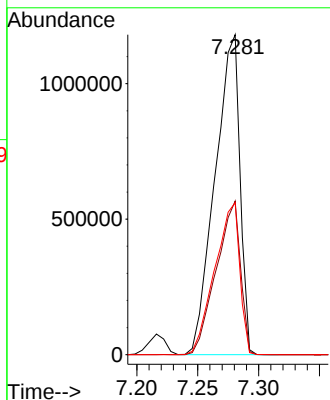
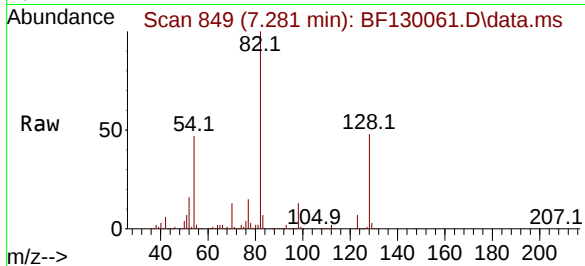




#23
Nitrobenzene-d5
Concen: 82.153 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

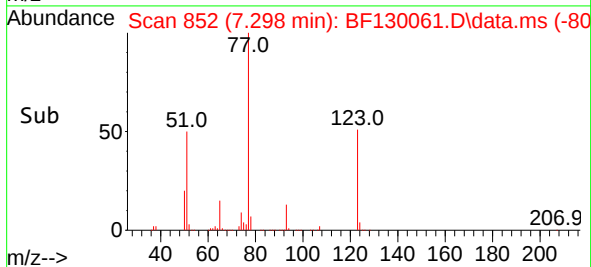
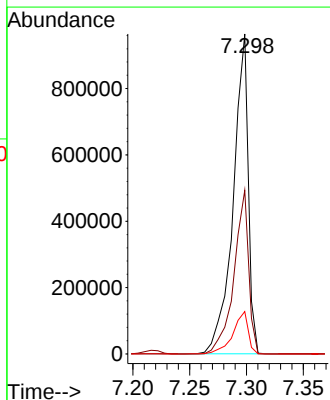
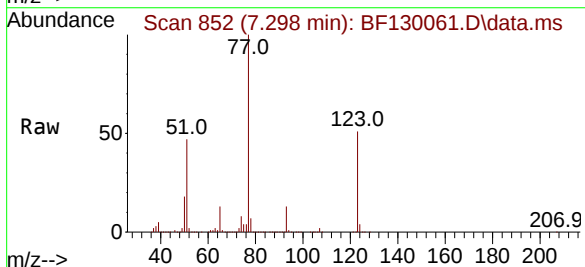
Instrument :
BNA_F
ClientSampleId :
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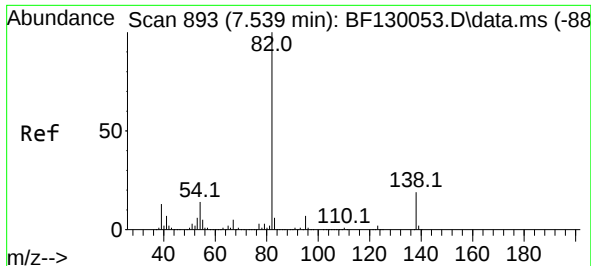
Tgt Ion: 82 Resp: 1680384
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 47.5 40.0 60.0



#24
Nitrobenzene
Concen: 40.869 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion: 77 Resp: 889038
Ion Ratio Lower Upper
77 100
123 51.2 39.2 58.8
65 13.2 11.1 16.7

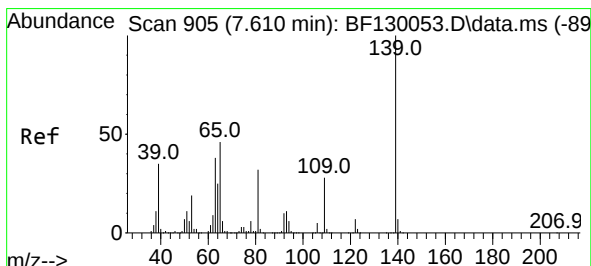
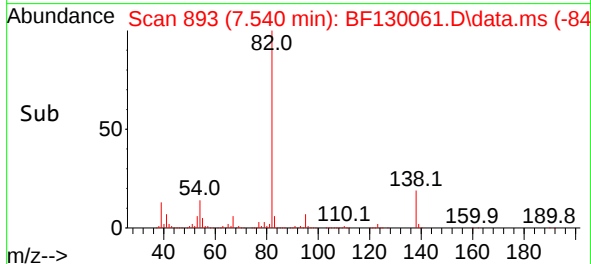
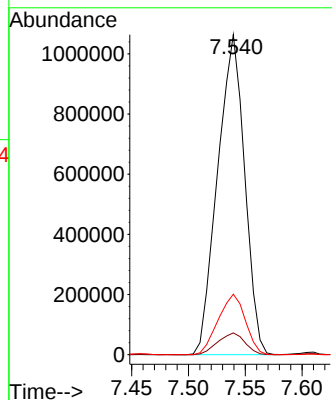
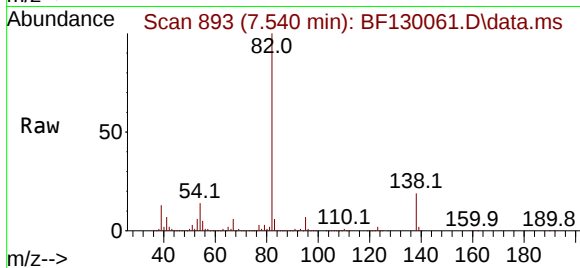




#25
Isophorone
Concen: 42.590 ng
RT: 7.540 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

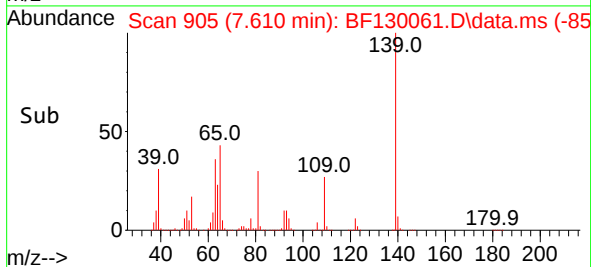
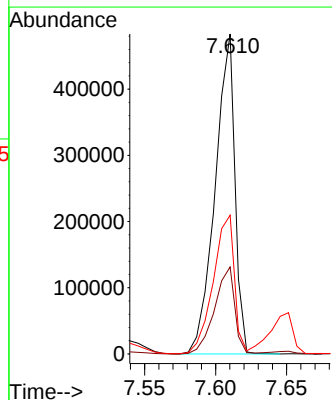
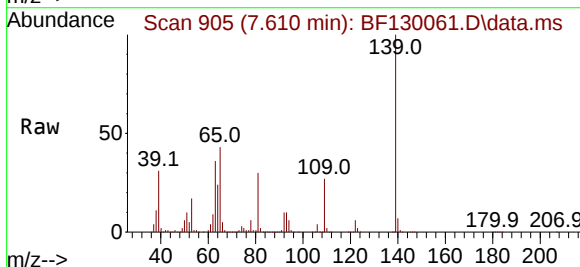
Instrument :
BNA_F
ClientSampleId :
PB147199BS

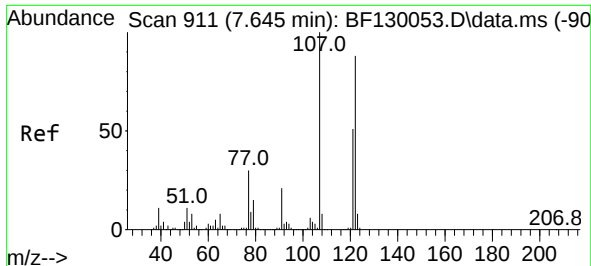
Tgt Ion: 82 Resp: 1763224
Ion Ratio Lower Upper
82 100
95 6.8 5.9 8.9
138 18.9 14.6 21.8



#26
2-Nitrophenol
Concen: 45.888 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:139 Resp: 467222
Ion Ratio Lower Upper
139 100
109 27.2 24.4 36.6
65 43.4 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 47.254 ng

RT: 7.651 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF130061.D

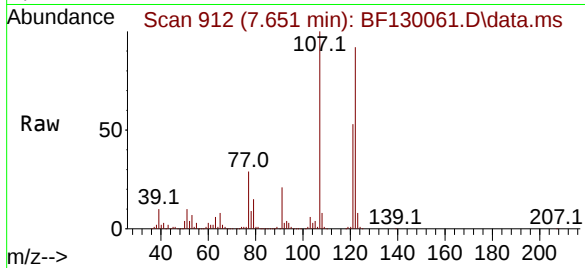
Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS



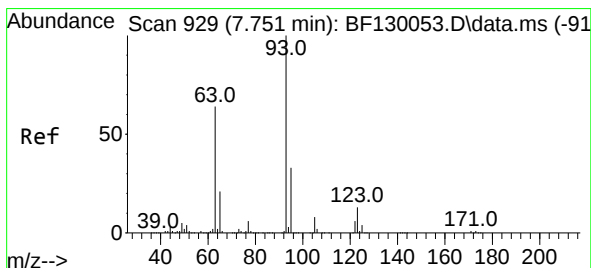
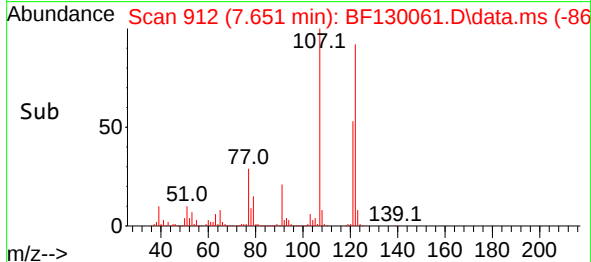
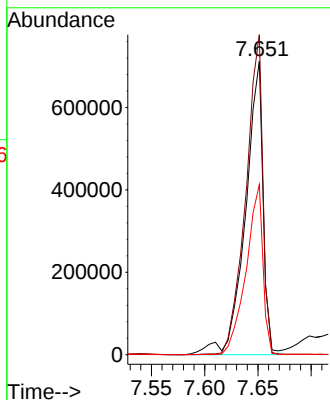
Tgt Ion:122 Resp: 820859

Ion Ratio Lower Upper

122 100

107 109.1 92.2 138.4

121 58.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.561 ng

RT: 7.751 min Scan# 929

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

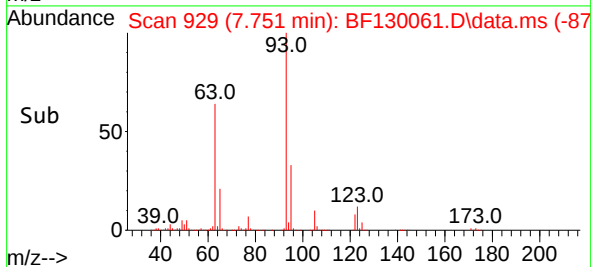
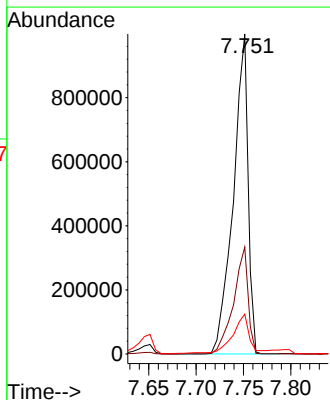
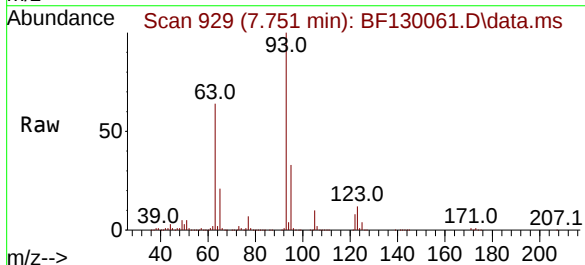
Tgt Ion: 93 Resp: 1083305

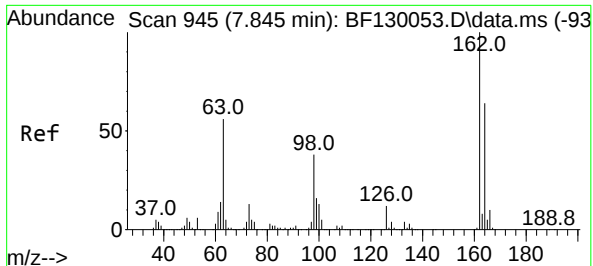
Ion Ratio Lower Upper

93 100

95 33.4 25.6 38.4

123 12.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.704 ng

RT: 7.845 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

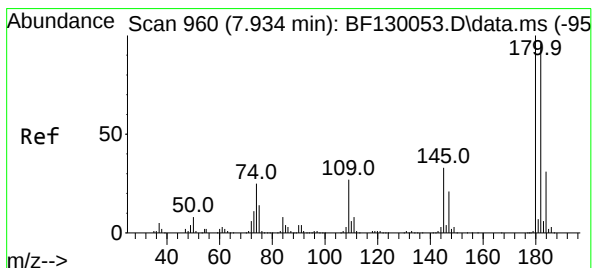
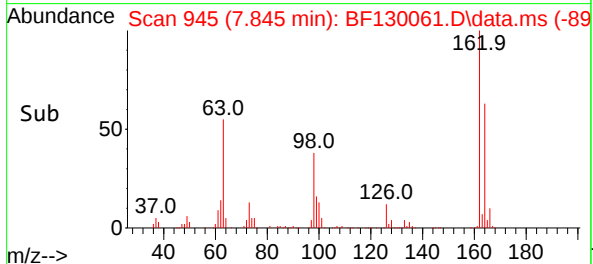
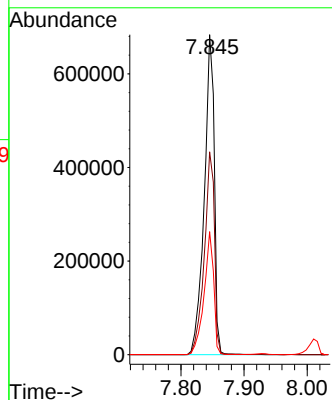
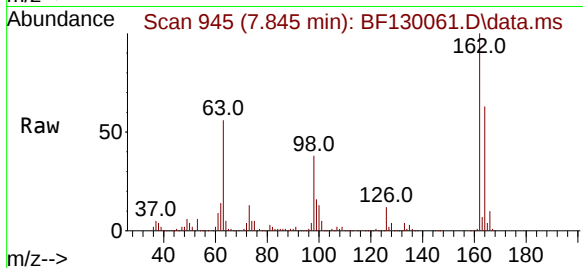
Tgt Ion:162 Resp: 756335

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 38.4 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 38.190 ng

RT: 7.934 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

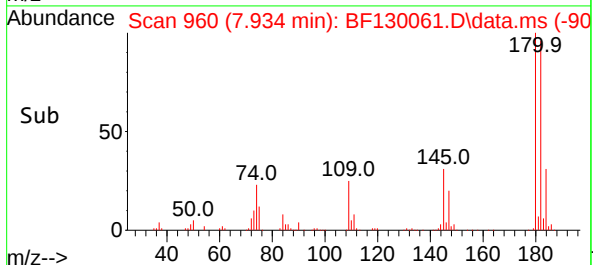
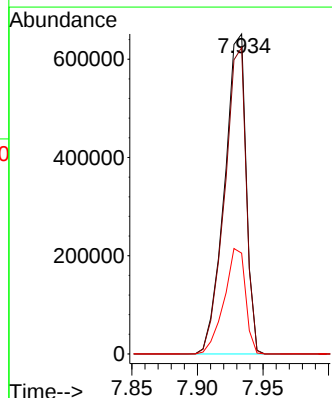
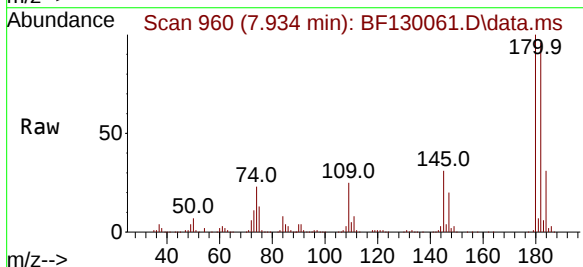
Tgt Ion:180 Resp: 748232

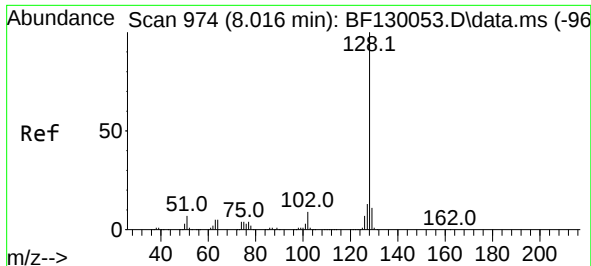
Ion Ratio Lower Upper

180 100

182 95.7 77.6 116.4

145 31.5 25.6 38.4

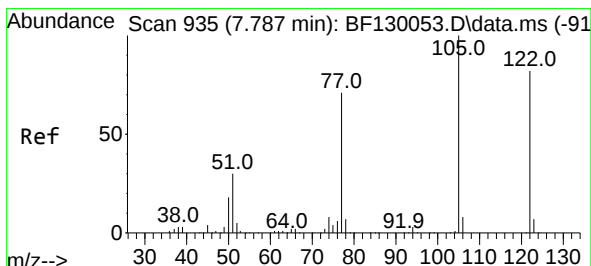
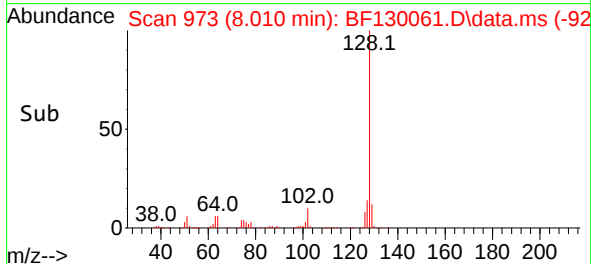
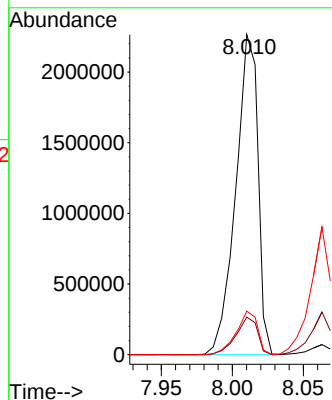
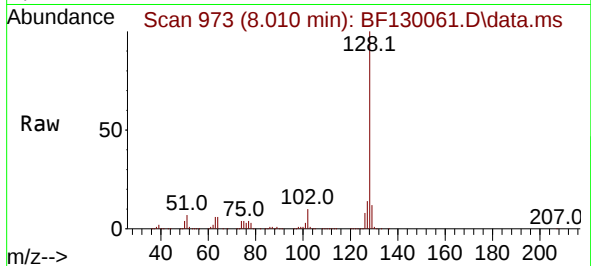




#31
Naphthalene
Concen: 37.266 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

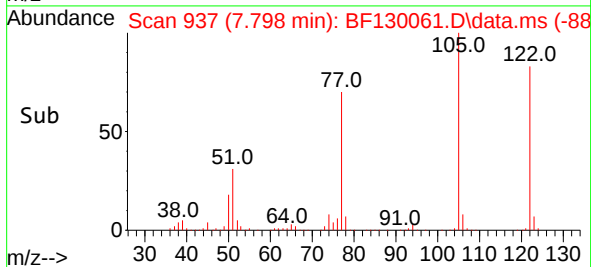
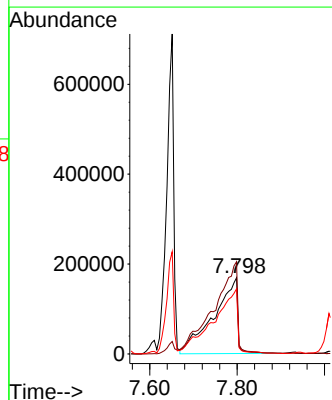
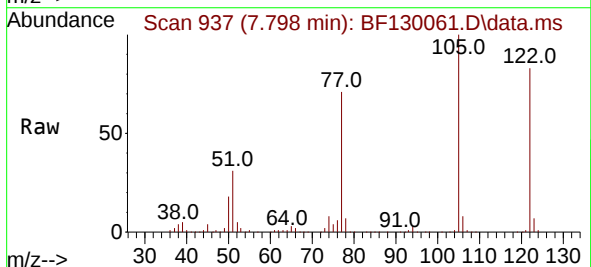
Instrument :
BNA_F
ClientSampleId :
PB147199BS

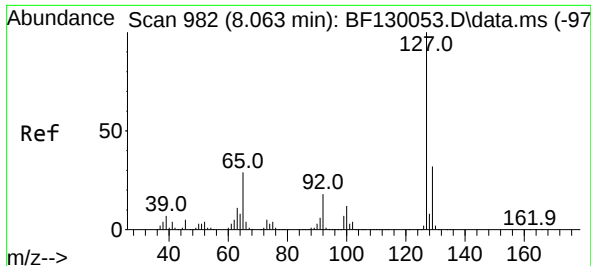
Tgt Ion:128 Resp: 2470691
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 45.541 ng
RT: 7.798 min Scan# 937
Delta R.T. 0.011 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:122 Resp: 640397
Ion Ratio Lower Upper
122 100
105 121.0 99.9 139.9
77 85.5 65.9 105.9

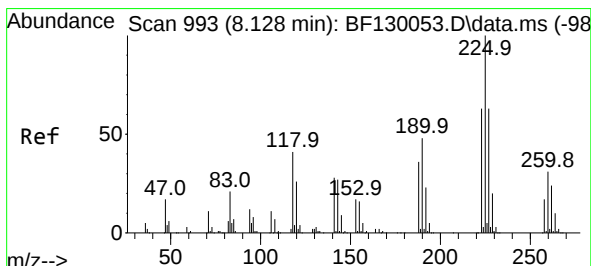
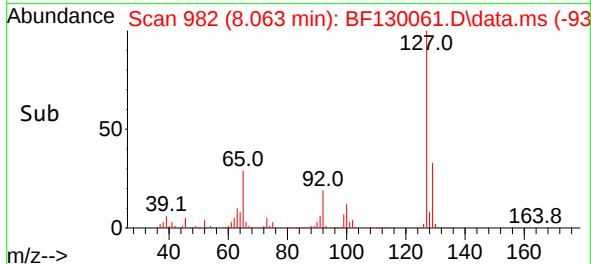
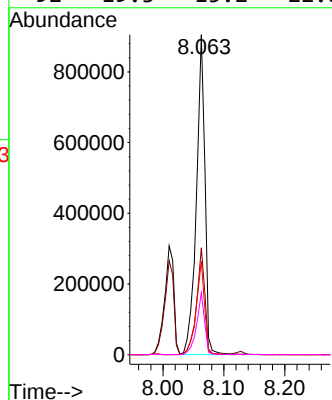
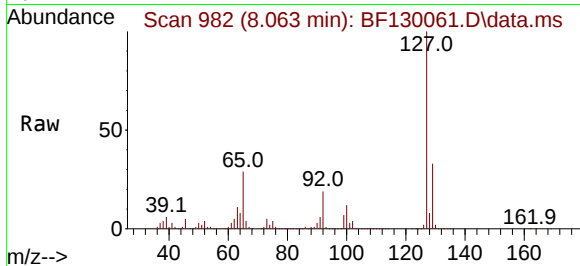




#33
4-Chloroaniline
Concen: 33.082 ng
RT: 8.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

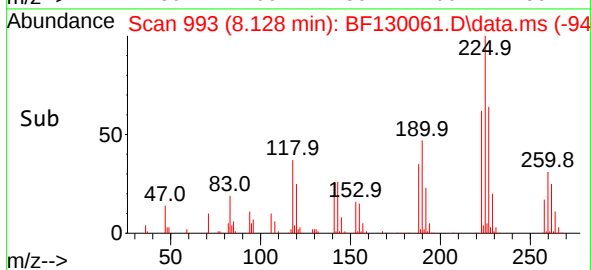
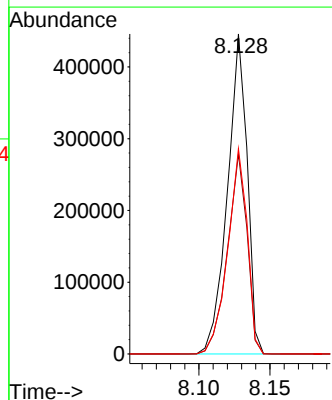
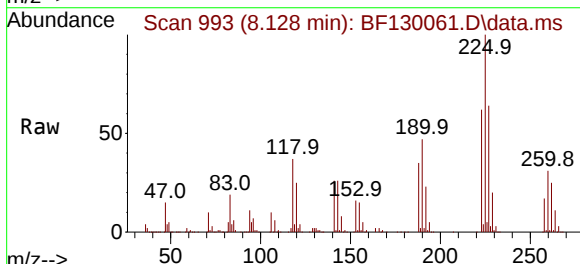
Instrument :
BNA_F
ClientSampleId :
PB147199BS

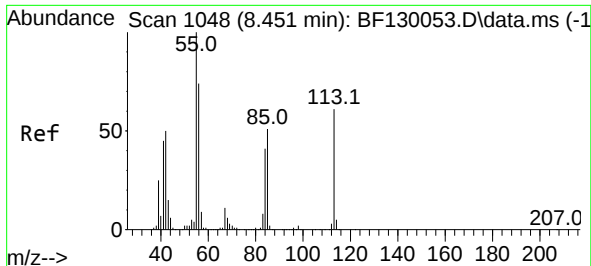
Tgt Ion:	127	Resp:	886107
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.7	40.1
65	29.2	24.2	36.2
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.314 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:	225	Resp:	429908
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.2	50.6	75.8

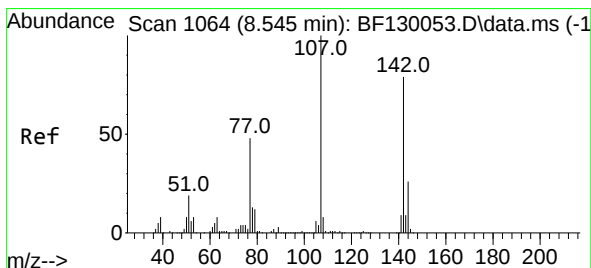
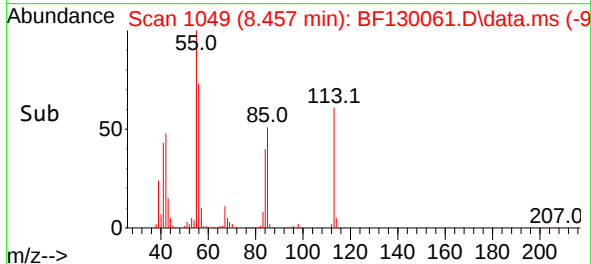
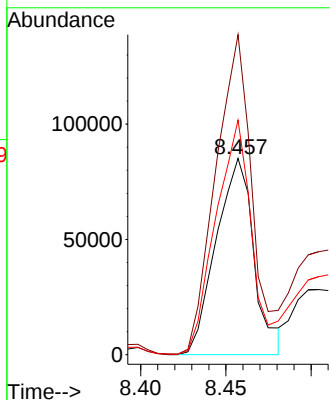
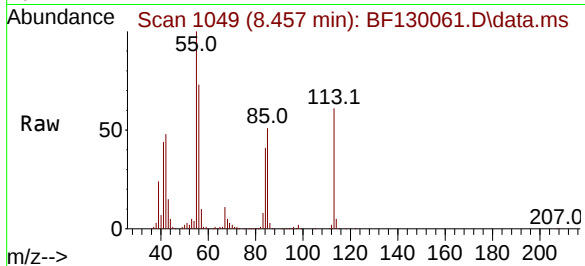




#35
 Caprolactam
 Concen: 22.747 ng
 RT: 8.457 min Scan# 1049
 Delta R.T. 0.006 min
 Lab File: BF130061.D
 Acq: 31 Aug 2022 20:35

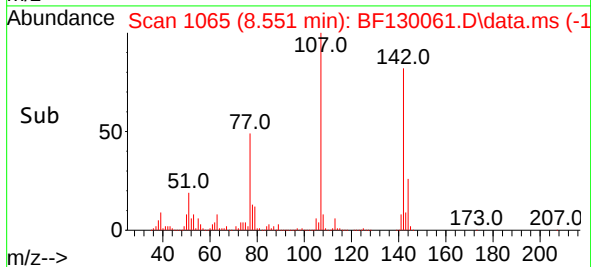
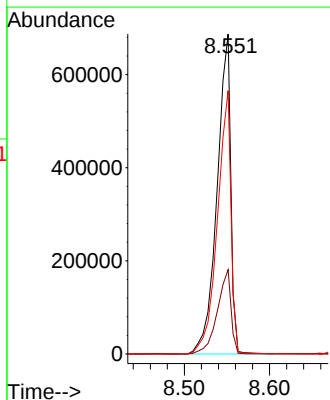
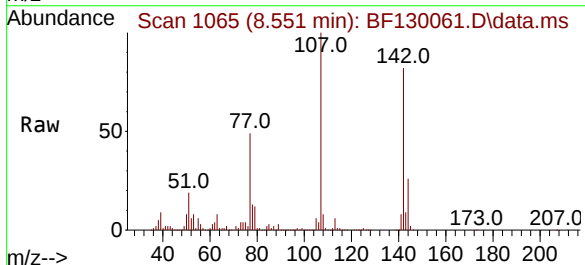
Instrument :
 BNA_F
 ClientSampleId :
 PB147199BS

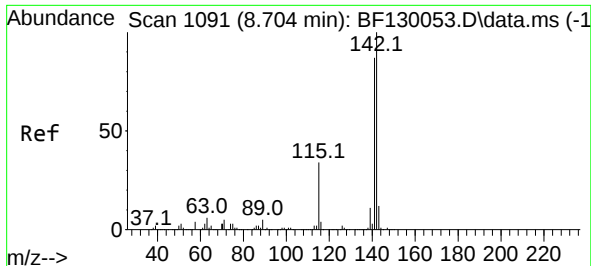
Tgt Ion:113 Resp: 130976
 Ion Ratio Lower Upper
 113 100
 55 163.0 148.8 188.8
 56 119.5 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.817 ng
 RT: 8.551 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: BF130061.D
 Acq: 31 Aug 2022 20:35

Tgt Ion:107 Resp: 767457
 Ion Ratio Lower Upper
 107 100
 144 26.4 19.9 29.9
 142 82.3 60.2 90.4





#37

2-Methylnaphthalene

Concen: 37.892 ng

RT: 8.704 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

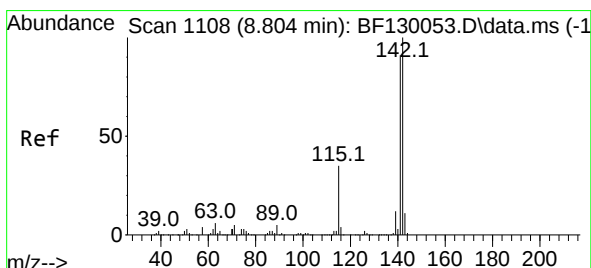
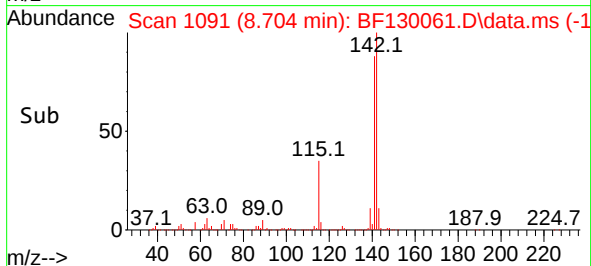
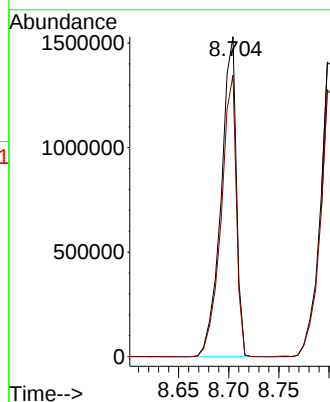
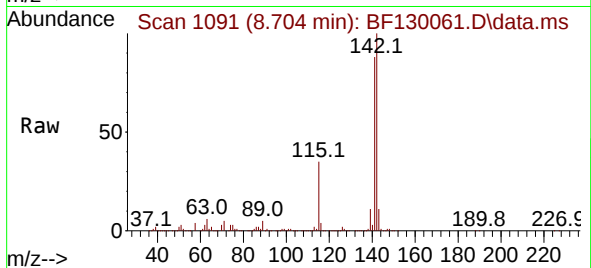
PB147199BS

Tgt Ion:142 Resp: 1618232

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 37.078 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130061.D

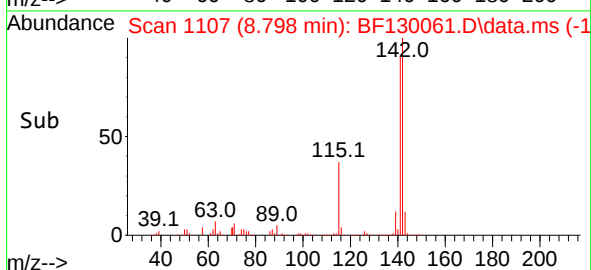
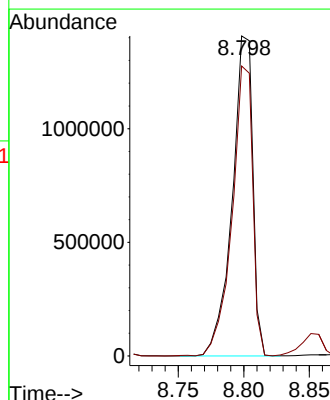
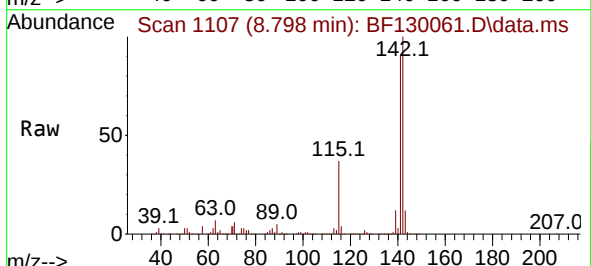
Acq: 31 Aug 2022 20:35

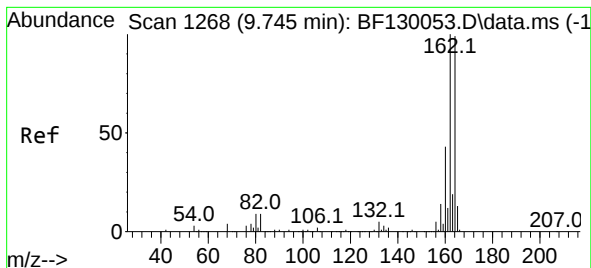
Tgt Ion:142 Resp: 1539158

Ion Ratio Lower Upper

142 100

141 90.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

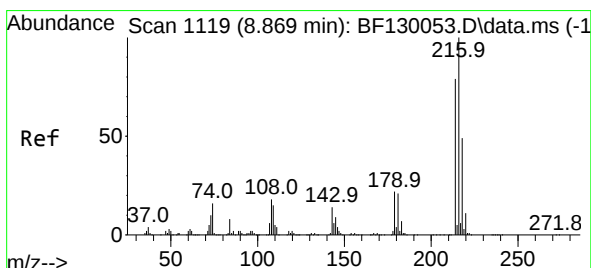
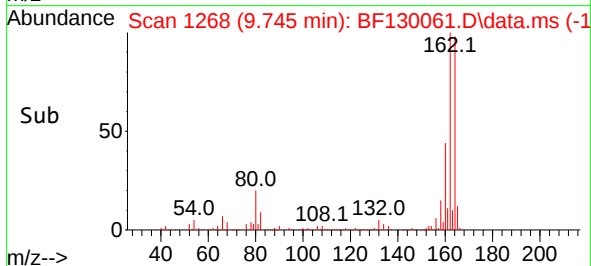
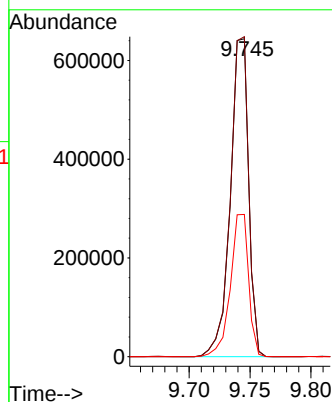
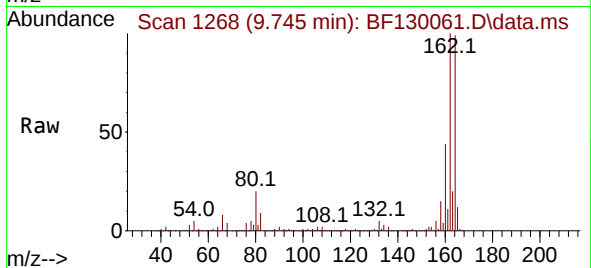
Tgt Ion:164 Resp: 673844

Ion Ratio Lower Upper

164 100

162 100.6 82.0 123.0

160 44.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.843 ng

RT: 8.869 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Tgt Ion:216 Resp: 664944

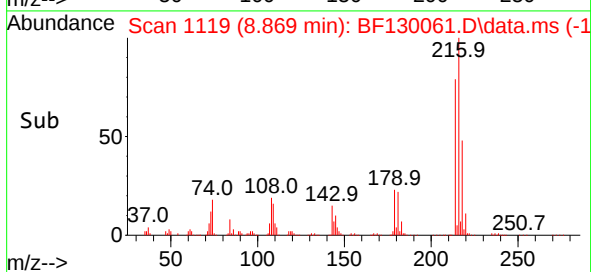
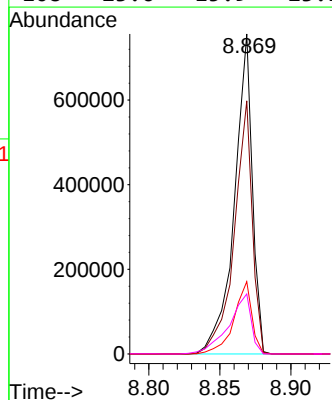
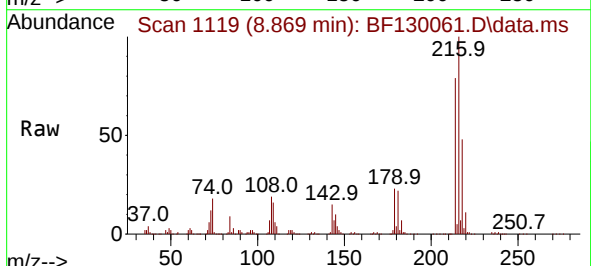
Ion Ratio Lower Upper

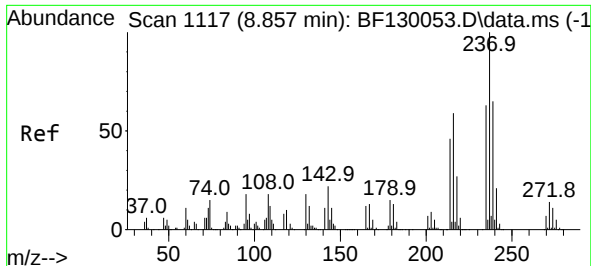
216 100

214 79.2 63.1 94.7

179 22.7 18.1 27.1

108 23.6 15.9 23.9

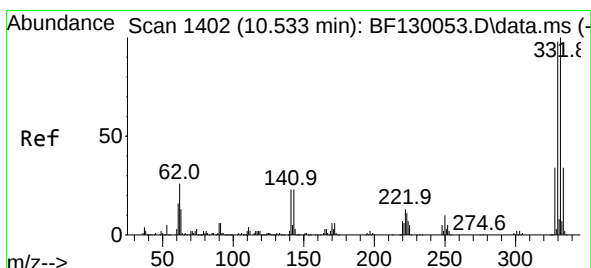
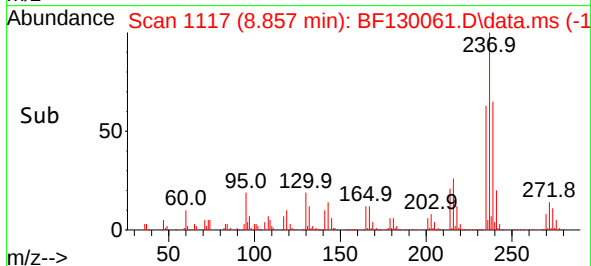
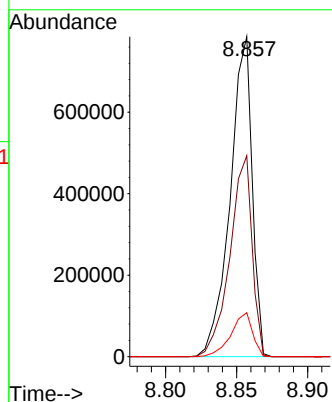
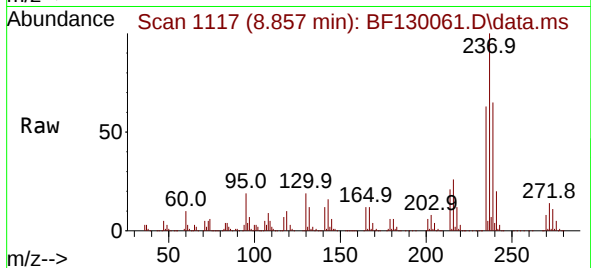




#41
Hexachlorocyclopentadiene
Concen: 92.155 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

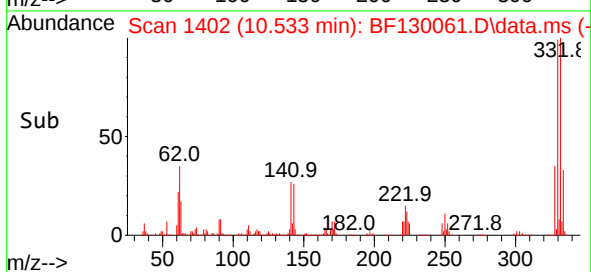
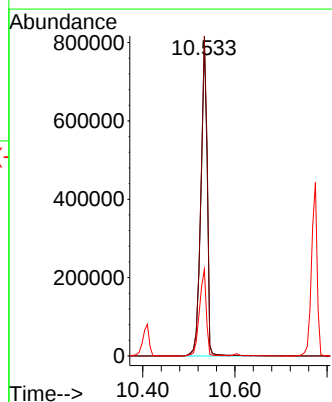
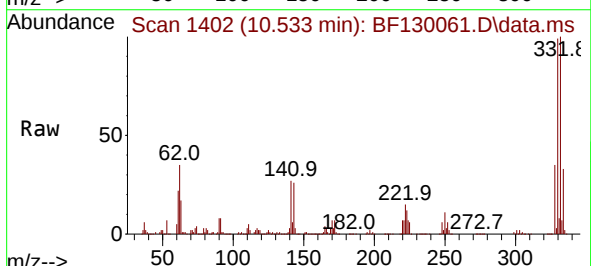
Instrument :
BNA_F
ClientSampleId :
PB147199BS

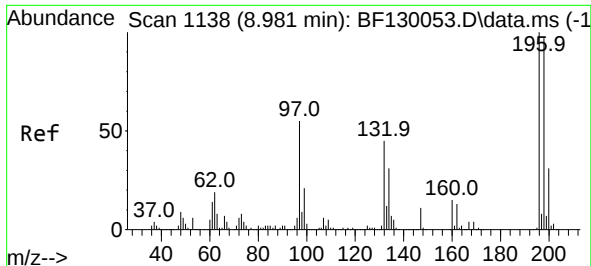
Tgt Ion:237 Resp: 846253
Ion Ratio Lower Upper
237 100
235 62.8 41.5 81.5
272 13.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 123.981 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:330 Resp: 760482
Ion Ratio Lower Upper
330 100
332 102.6 82.6 124.0
141 29.8 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 41.146 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

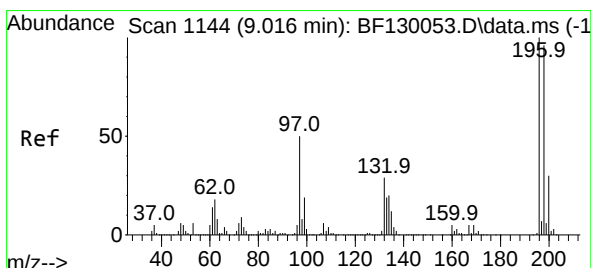
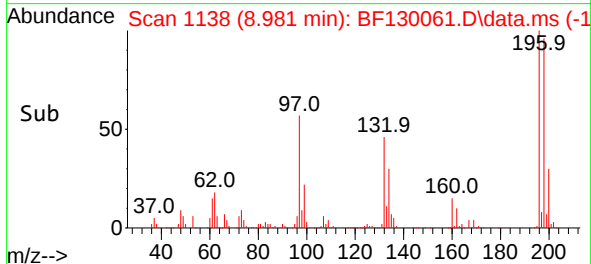
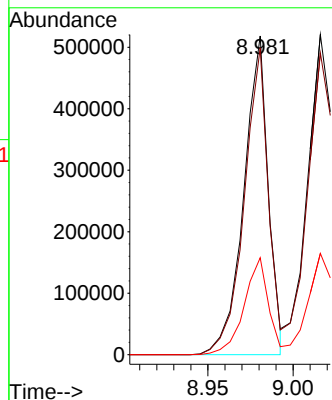
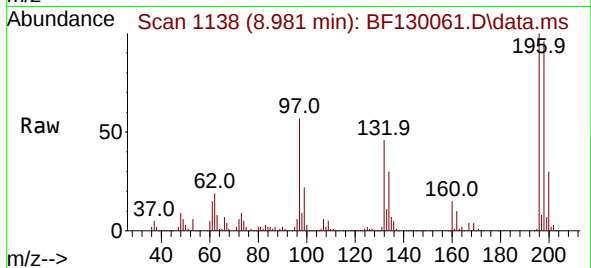
Tgt Ion:196 Resp: 516066

Ion Ratio Lower Upper

196 100

198 96.3 79.0 118.4

200 30.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 40.043 ng

RT: 9.016 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Tgt Ion:196 Resp: 544364

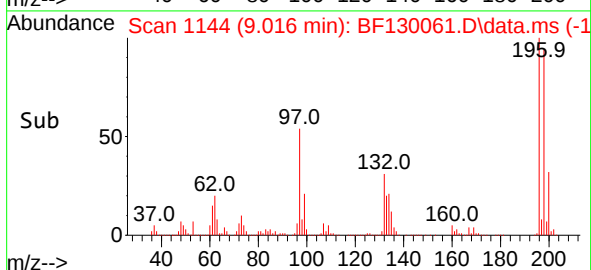
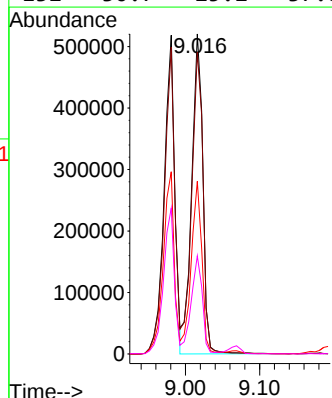
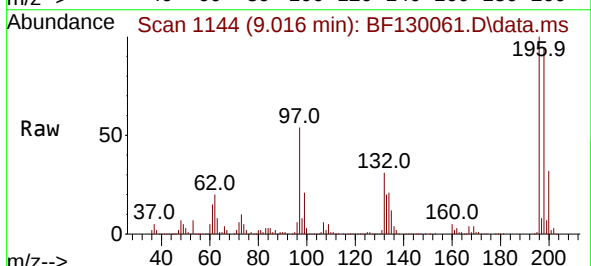
Ion Ratio Lower Upper

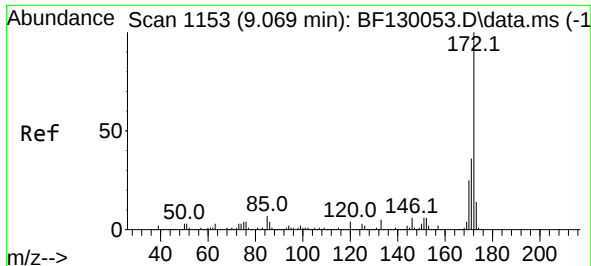
196 100

198 94.3 76.4 114.6

97 54.0 46.5 69.7

132 30.7 25.2 37.8

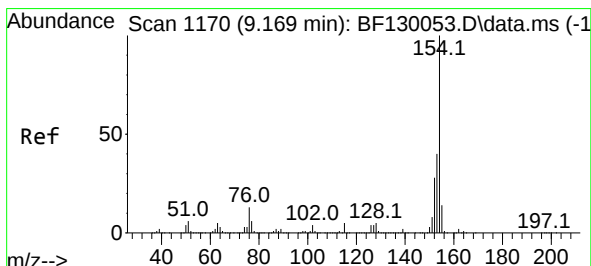
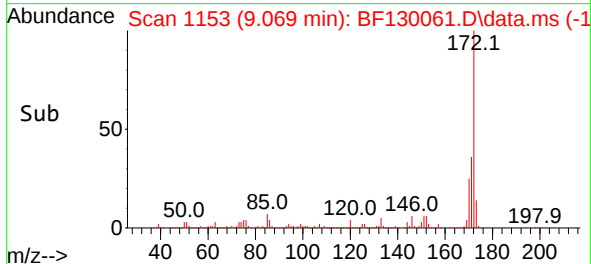
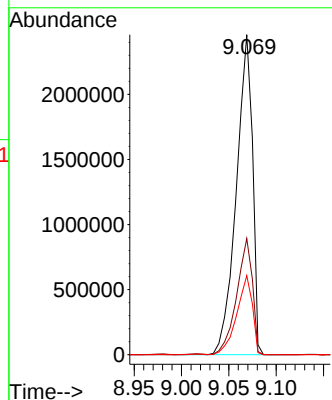
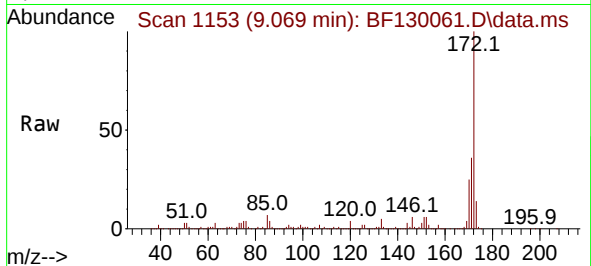




#45
2-Fluorobiphenyl
Concen: 71.589 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

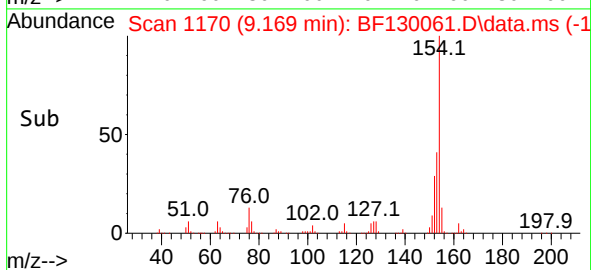
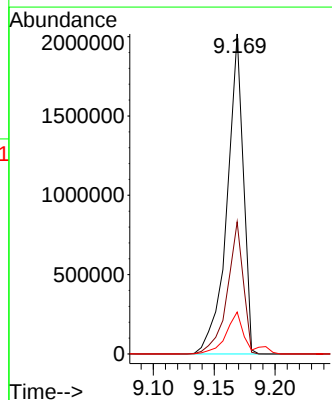
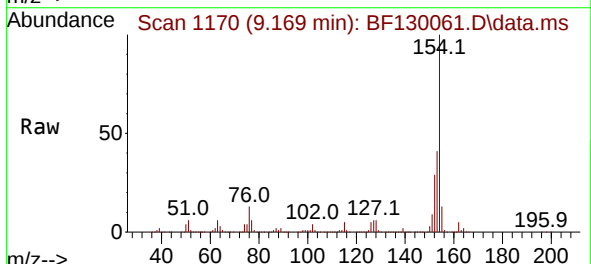
Instrument :
BNA_F
ClientSampleId :
PB147199BS

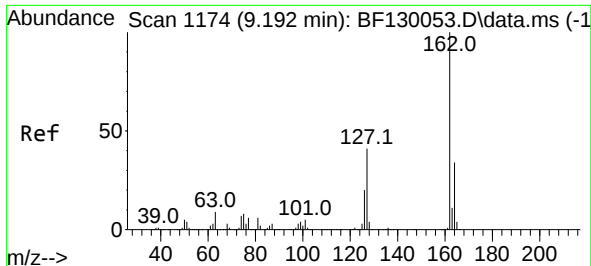
Tgt Ion:172 Resp: 2909600
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 24.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 38.314 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:154 Resp: 1875660
Ion Ratio Lower Upper
154 100
153 41.3 20.2 60.2
76 13.1 0.0 32.1

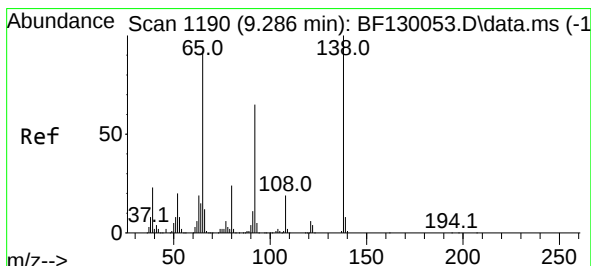
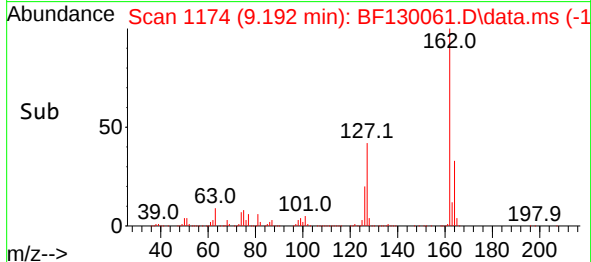
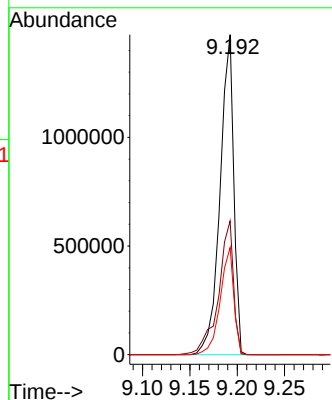
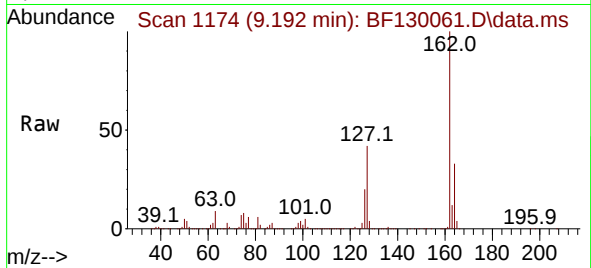




#47
2-Chloronaphthalene
Concen: 37.901 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

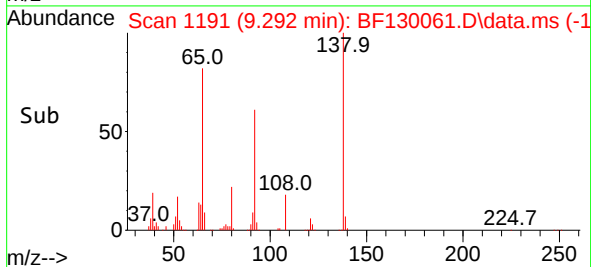
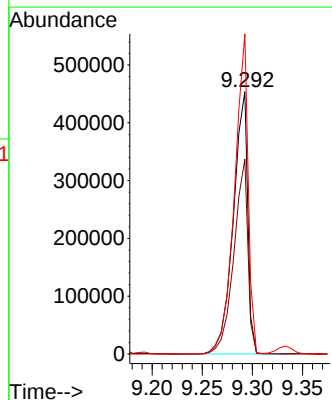
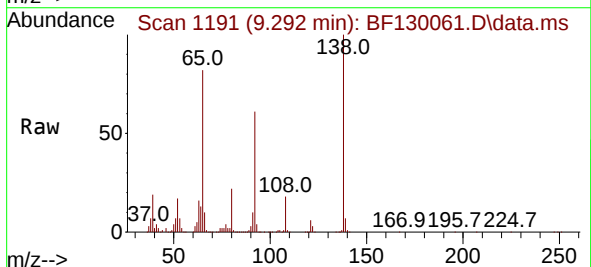
Instrument :
BNA_F
ClientSampleId :
PB147199BS

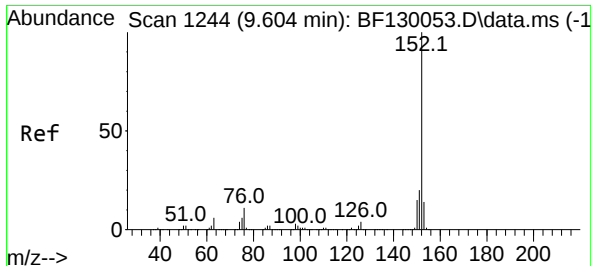
Tgt Ion:162 Resp: 1486671
Ion Ratio Lower Upper
162 100
127 41.8 33.1 49.7
164 33.5 26.7 40.1



#48
2-Nitroaniline
Concen: 47.019 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion: 65 Resp: 454484
Ion Ratio Lower Upper
65 100
92 74.3 55.0 82.4
138 122.0 81.3 121.9#

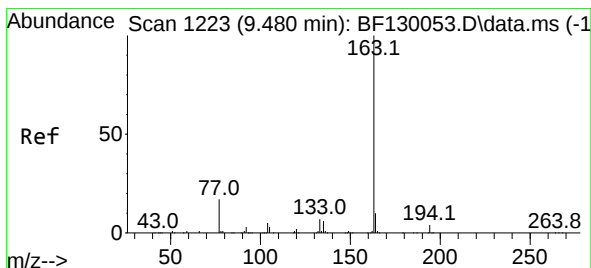
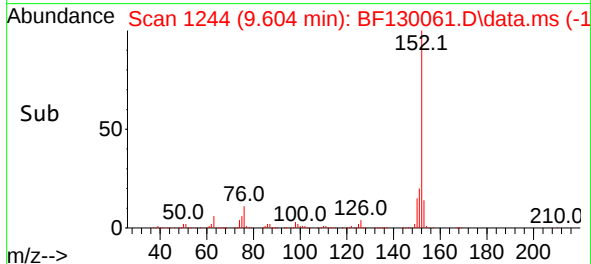
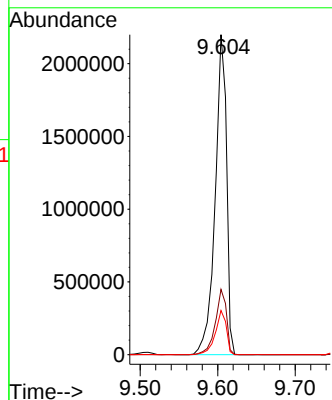
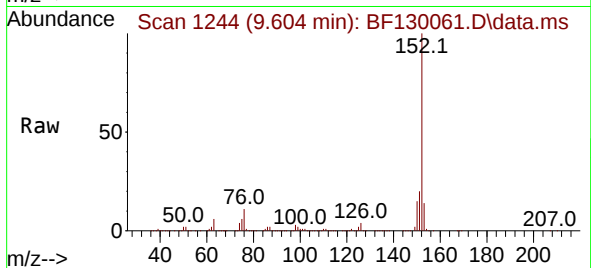




#49
Acenaphthylene
Concen: 37.600 ng
RT: 9.604 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

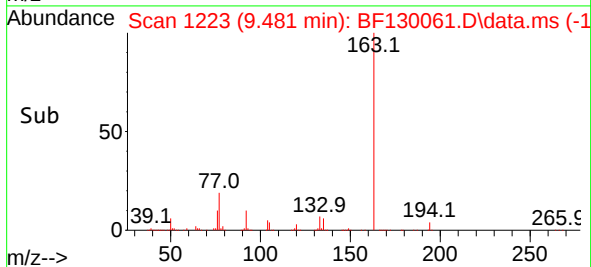
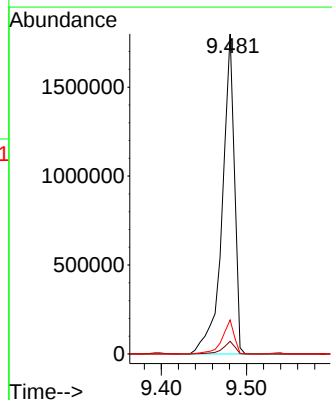
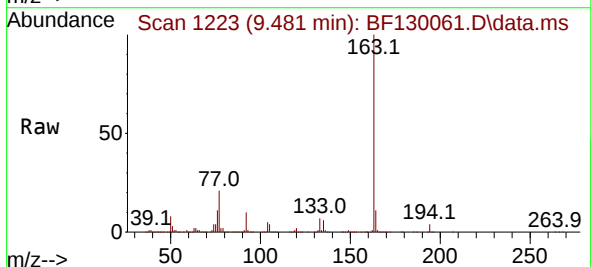
Instrument :
BNA_F
ClientSampleId :
PB147199BS

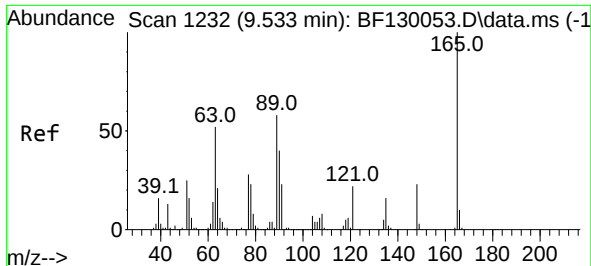
Tgt Ion:152 Resp: 2239592
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.8 10.6 16.0



#50
Dimethylphthalate
Concen: 38.866 ng
RT: 9.481 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:163 Resp: 1783818
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.6 8.2 12.2

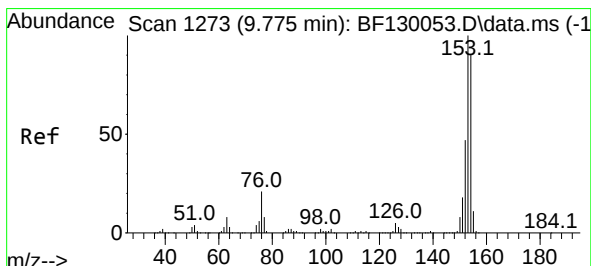
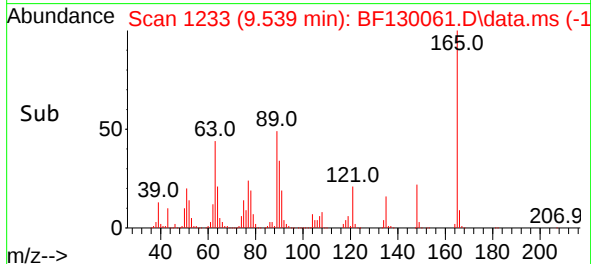
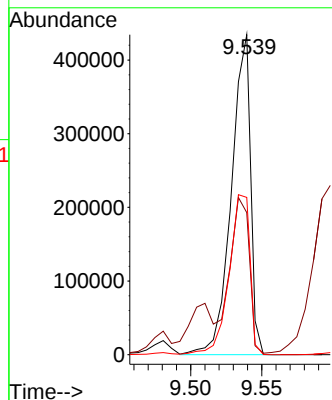
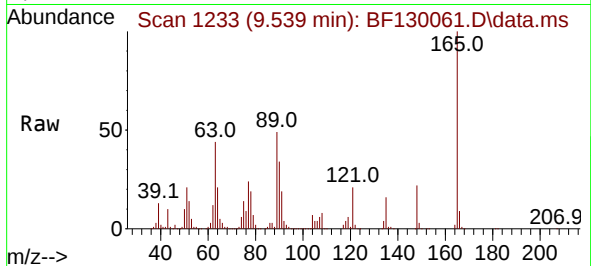




#51
2,6-Dinitrotoluene
Concen: 45.663 ng
RT: 9.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

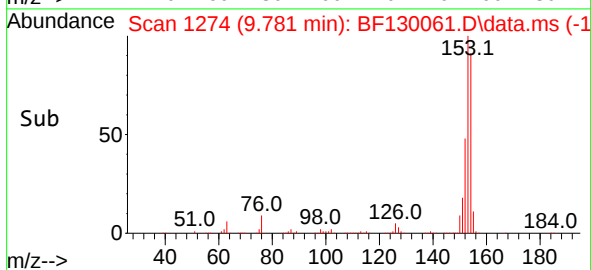
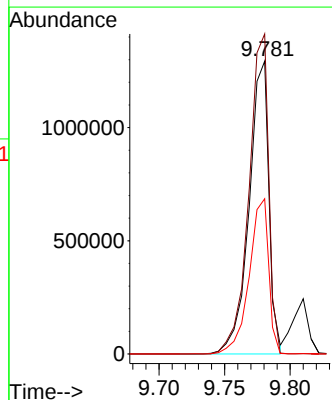
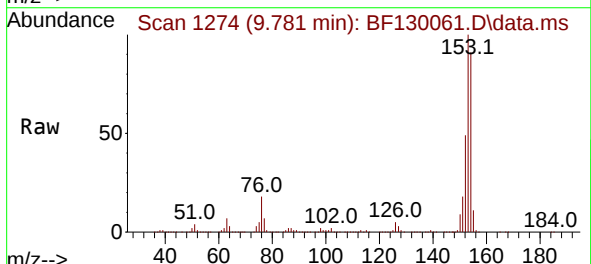
Instrument :
BNA_F
ClientSampleId :
PB147199BS

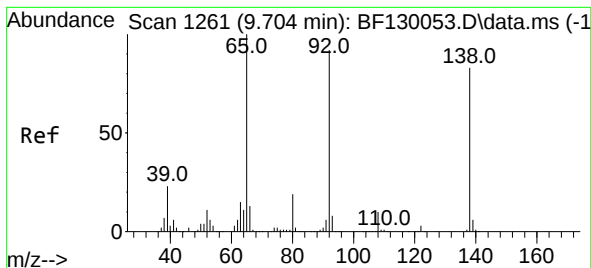
Tgt Ion:165 Resp: 408610
Ion Ratio Lower Upper
165 100
63 44.4 47.8 71.8#
89 49.1 47.2 70.8



#52
Acenaphthene
Concen: 36.177 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:154 Resp: 1358014
Ion Ratio Lower Upper
154 100
153 109.3 89.8 134.6
152 53.0 42.1 63.1





#53

3-Nitroaniline

Concen: 34.697 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

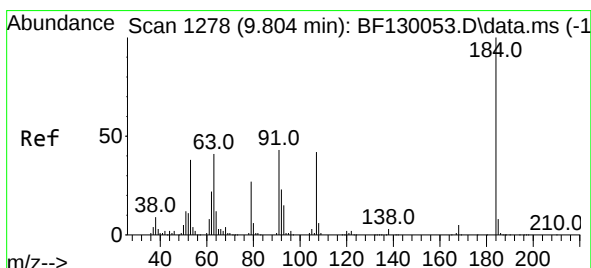
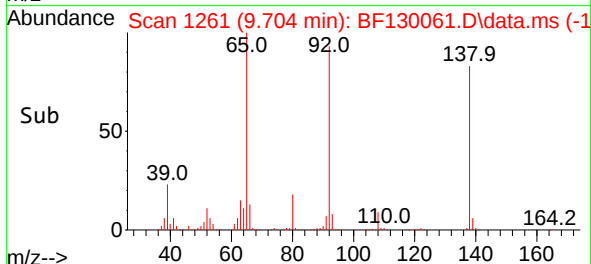
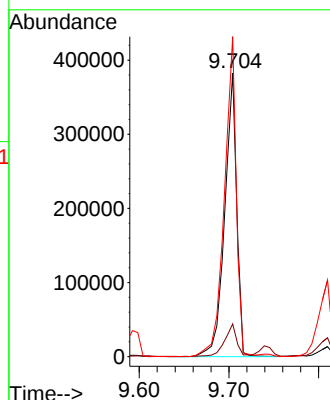
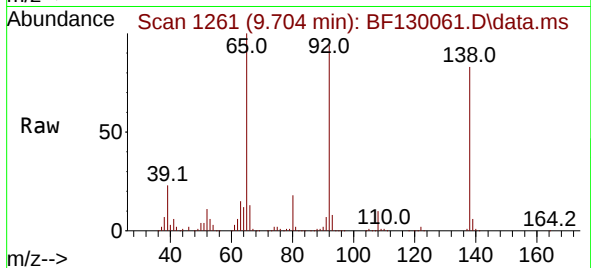
Tgt Ion:138 Resp: 356377

Ion Ratio Lower Upper

138 100

108 11.6 8.4 12.6

92 112.8 89.8 134.8



#54

2,4-Dinitrophenol

Concen: 87.779 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.006 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

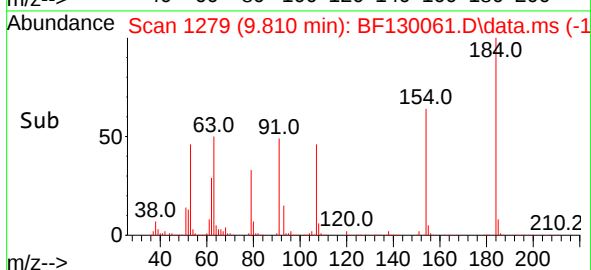
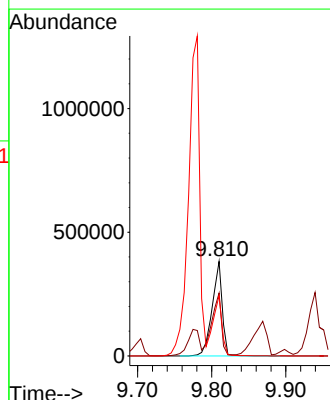
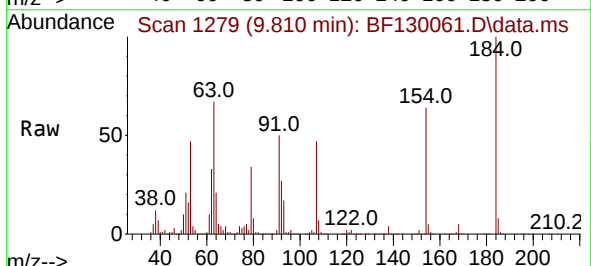
Tgt Ion:184 Resp: 360165

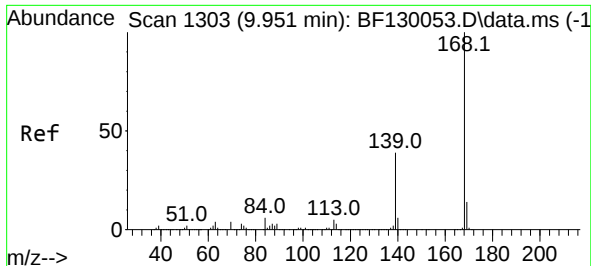
Ion Ratio Lower Upper

184 100

63 66.5 59.6 89.4

154 63.8 55.3 82.9

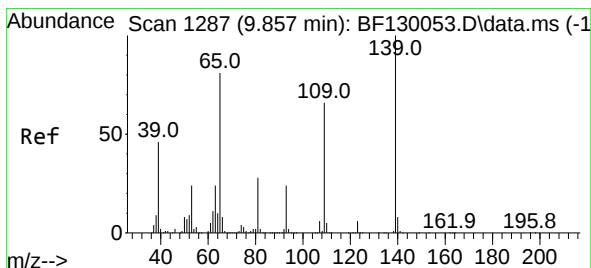
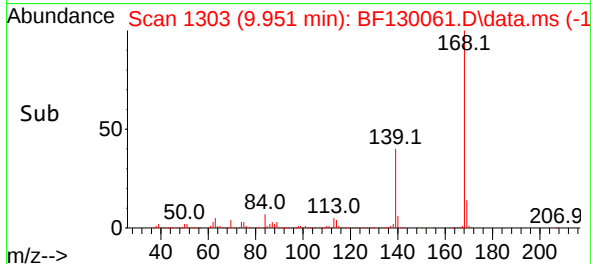
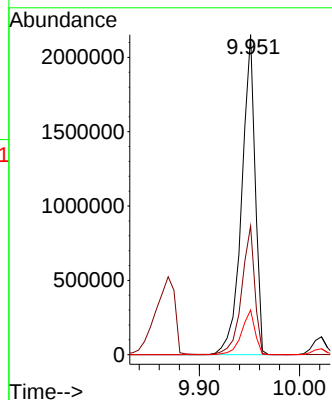
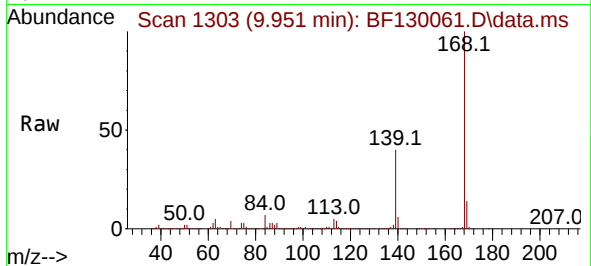




#55
Dibenzofuran
Concen: 37.527 ng
RT: 9.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

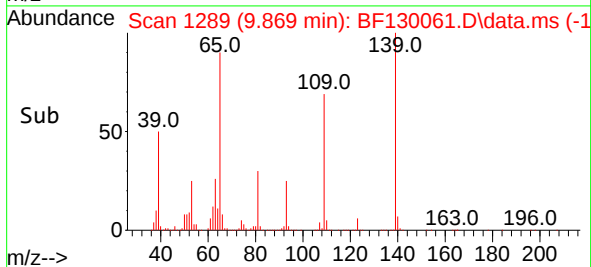
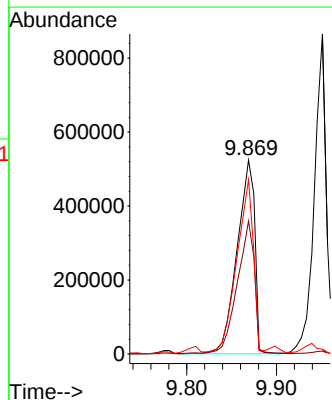
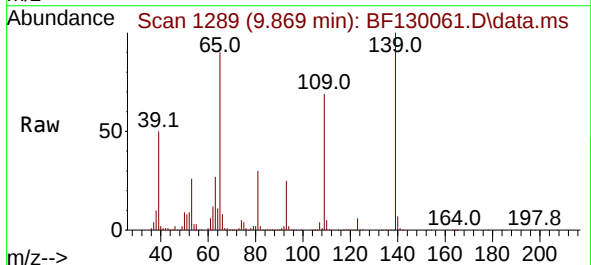
Instrument :
BNA_F
ClientSampleId :
PB147199BS

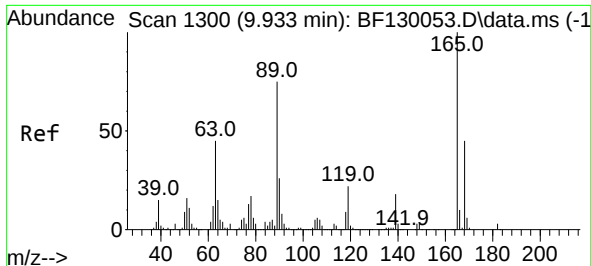
Tgt Ion:168 Resp: 2017205
Ion Ratio Lower Upper
168 100
139 40.2 31.3 46.9
169 13.9 10.7 16.1



#56
4-Nitrophenol
Concen: 90.496 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.012 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:139 Resp: 716598
Ion Ratio Lower Upper
139 100
109 68.6 52.9 92.9
65 89.9 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 45.808 ng

RT: 9.939 min Scan# 1301

Delta R.T. 0.006 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

Tgt Ion:165 Resp: 471940

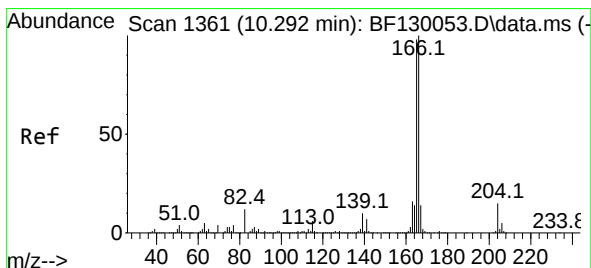
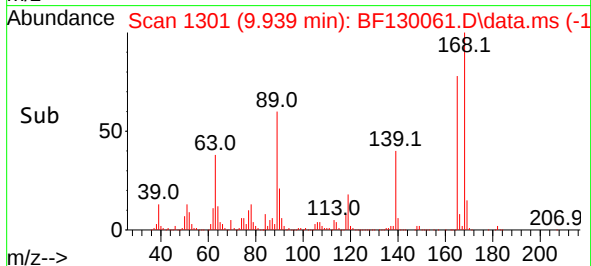
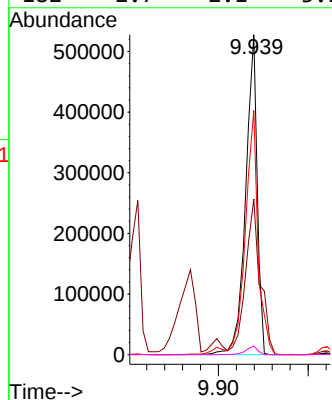
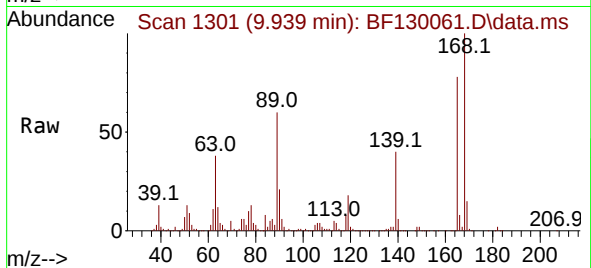
Ion Ratio Lower Upper

165 100

63 48.7 48.4 72.6

89 76.3 62.3 93.5

182 2.7 2.1 3.1



#58

Fluorene

Concen: 35.967 ng

RT: 10.292 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

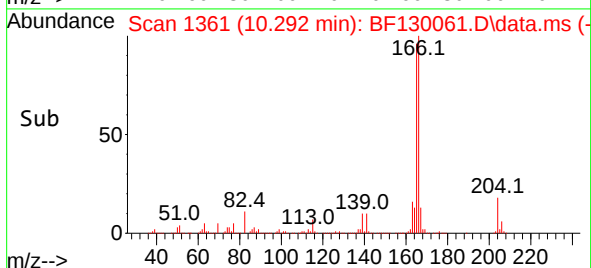
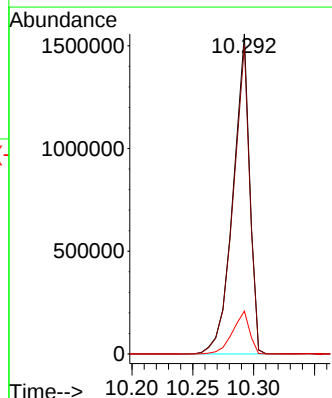
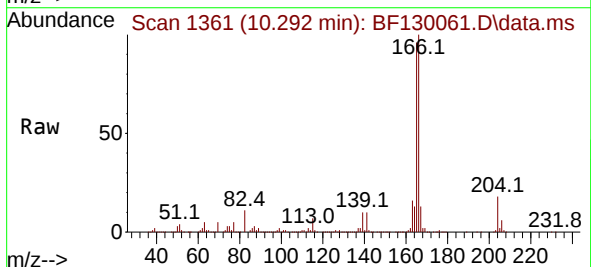
Tgt Ion:166 Resp: 1471021

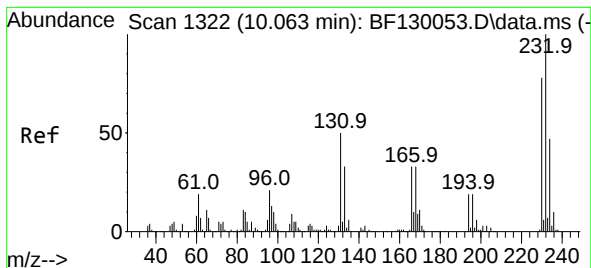
Ion Ratio Lower Upper

166 100

165 96.4 77.9 116.9

167 13.4 11.0 16.4

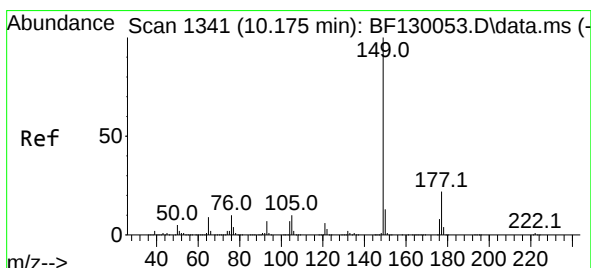
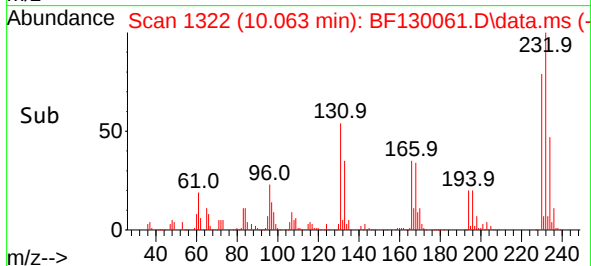
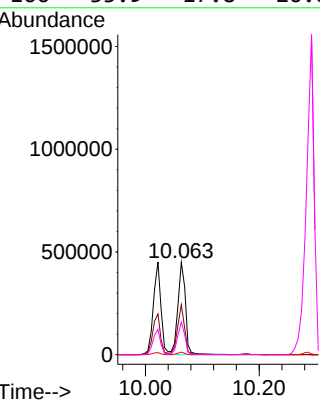
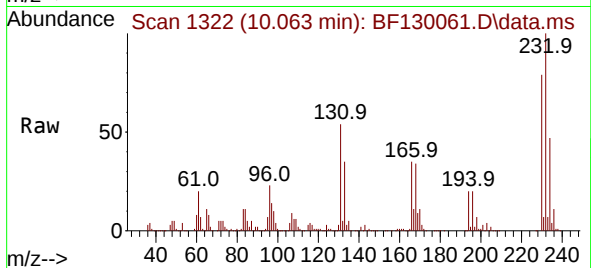




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.411 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

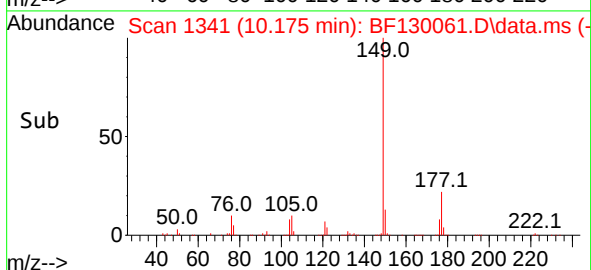
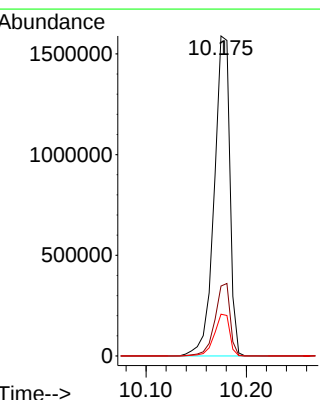
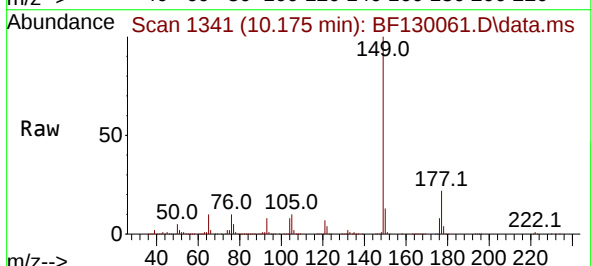
Instrument :
BNA_F
ClientSampleId :
PB147199BS

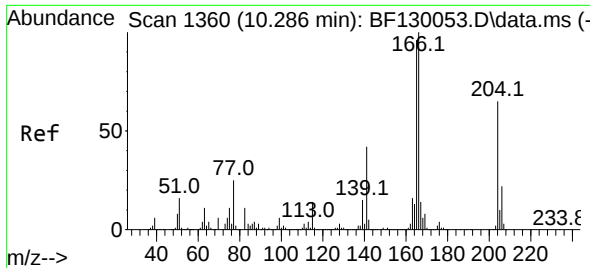
Tgt Ion:232 Resp: 416125
Ion Ratio Lower Upper
232 100
131 50.2 29.9 44.9#
130 2.6 1.5 2.3#
166 33.9 17.8 26.8#



#60
Diethylphthalate
Concen: 38.676 ng
RT: 10.175 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:149 Resp: 1717279
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 13.1 10.1 15.1

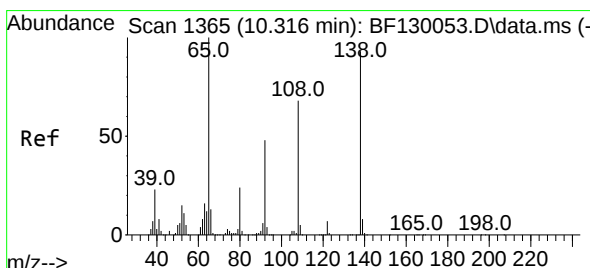
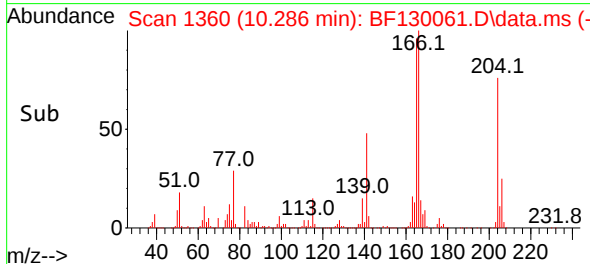
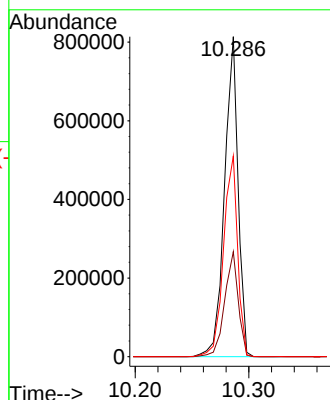
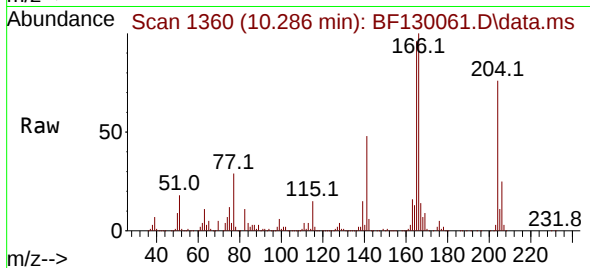




#61
4-Chlorophenyl-phenylether
Concen: 37.392 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

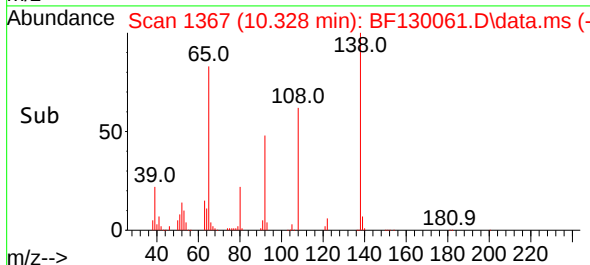
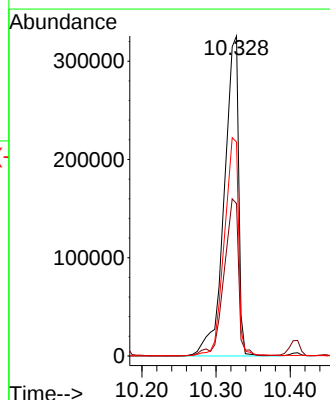
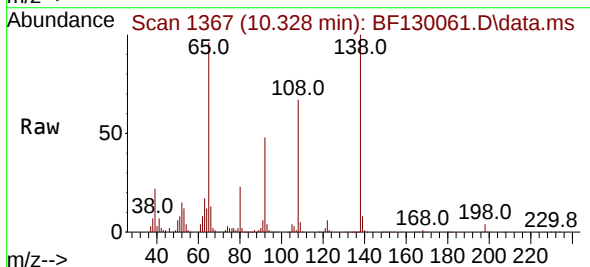
Instrument :
BNA_F
ClientSampleId :
PB147199BS

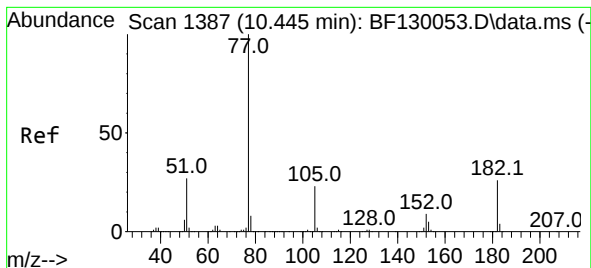
Tgt Ion:204 Resp: 676049
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 62.7 52.6 79.0



#62
4-Nitroaniline
Concen: 43.765 ng
RT: 10.328 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:138 Resp: 437168
Ion Ratio Lower Upper
138 100
92 47.6 30.3 70.3
108 66.9 55.7 95.7





#63

Azobenzene

Concen: 37.281 ng

RT: 10.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

Tgt Ion: 77 Resp: 1629849

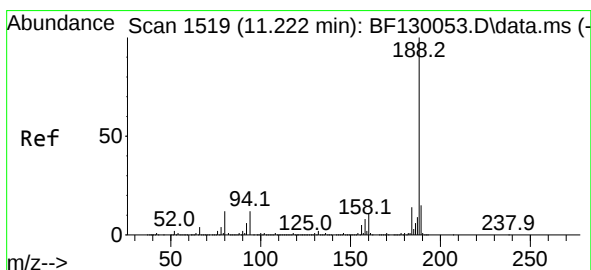
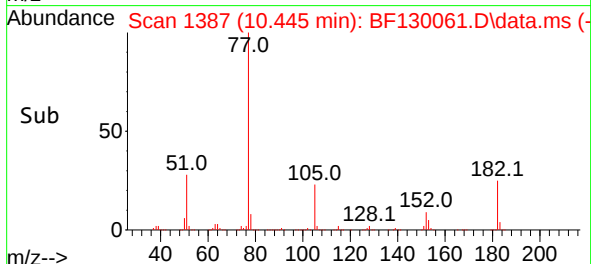
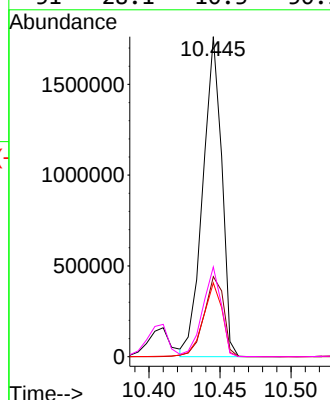
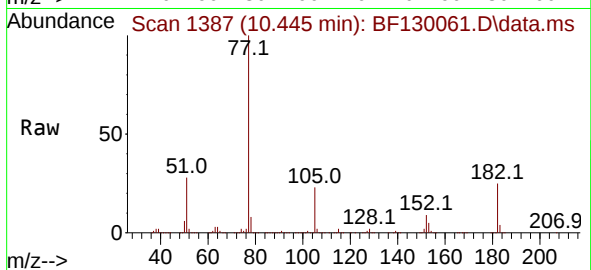
Ion Ratio Lower Upper

77 100

182 25.0 2.2 42.2

105 23.1 0.8 40.8

51 28.1 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: BF130061.D

Acq: 31 Aug 2022 20:35

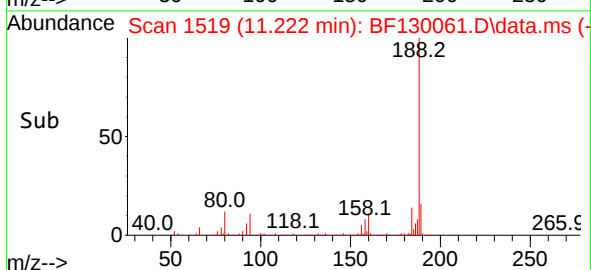
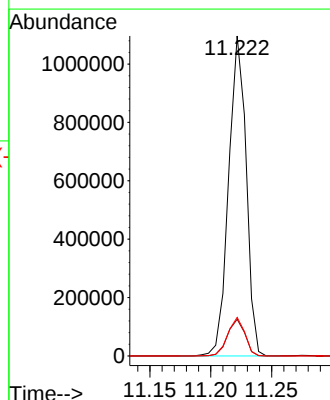
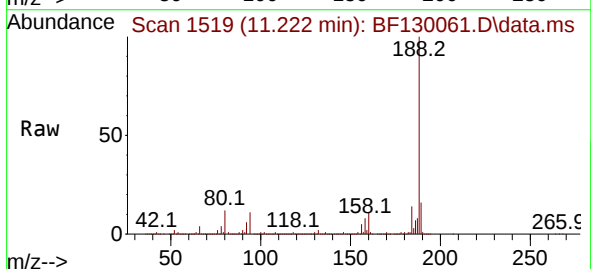
Tgt Ion:188 Resp: 1097522

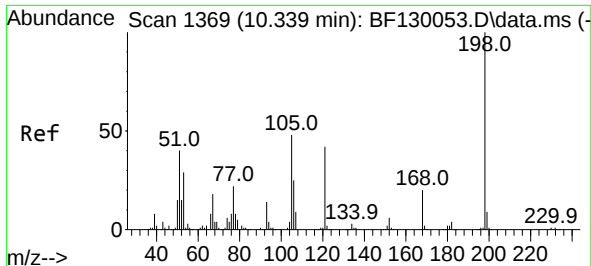
Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.2#

80 12.1 7.9 11.9#

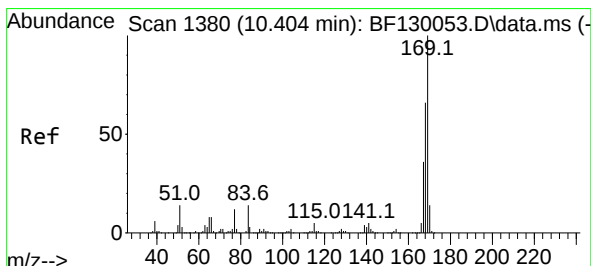
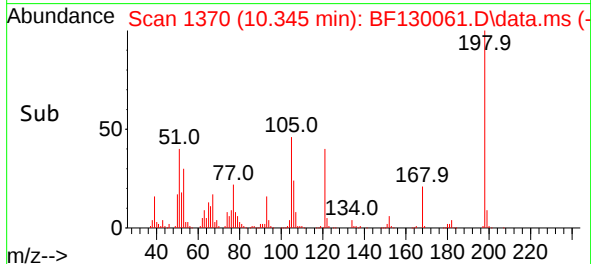
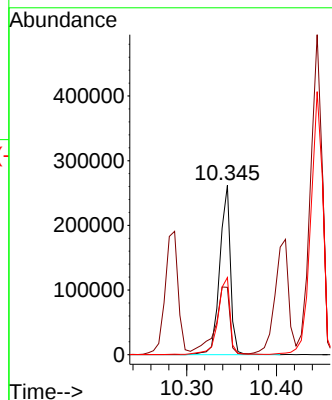
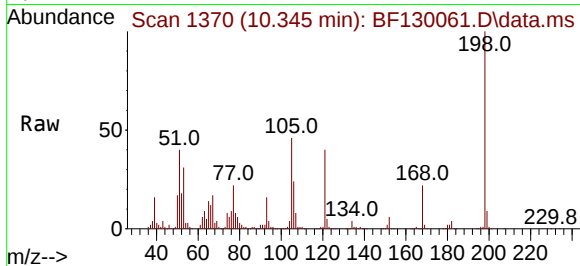




#65
4,6-Dinitro-2-methylphenol
Concen: 42.620 ng
RT: 10.345 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

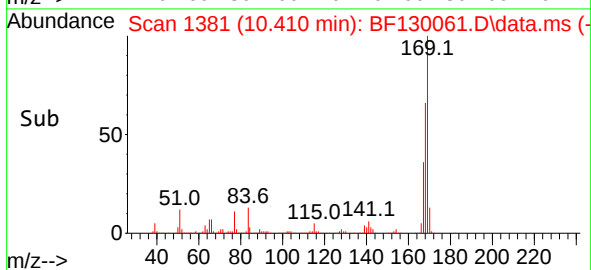
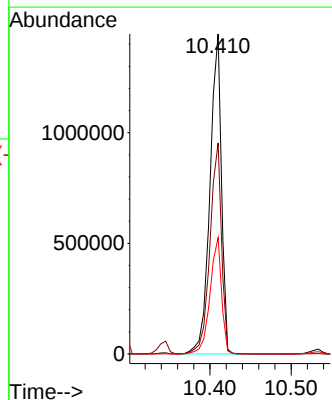
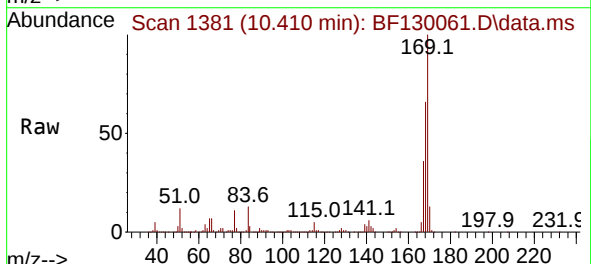
Instrument :
BNA_F
ClientSampleId :
PB147199BS

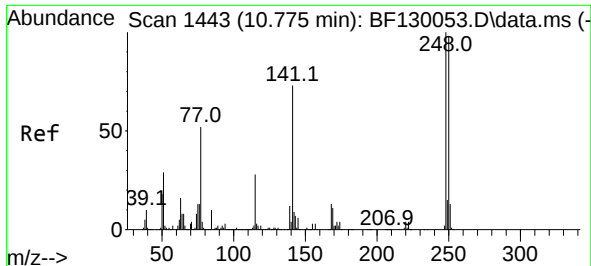
Tgt Ion:198 Resp: 216184
Ion Ratio Lower Upper
198 100
51 39.7 29.4 69.4
105 45.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 38.669 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:169 Resp: 1418722
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.4 29.1 43.7

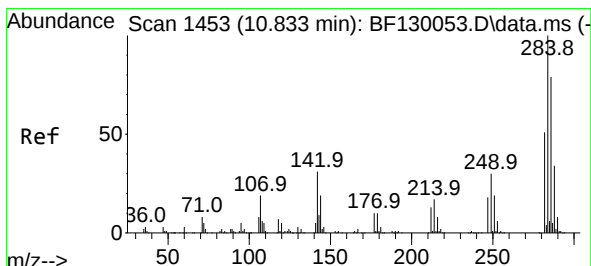
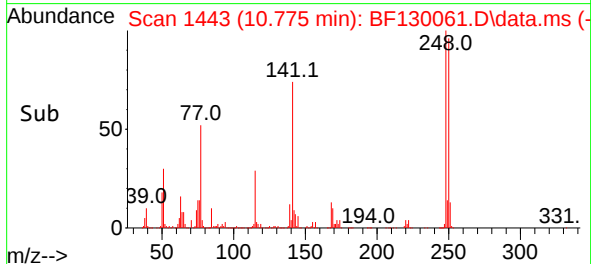
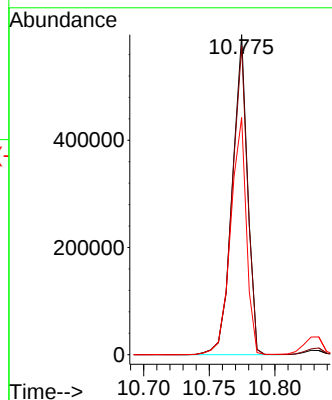
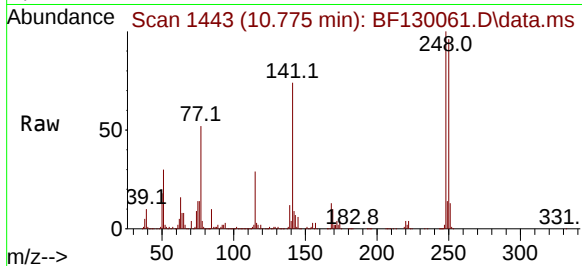




#67
4-Bromophenyl-phenylether
Concen: 39.772 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

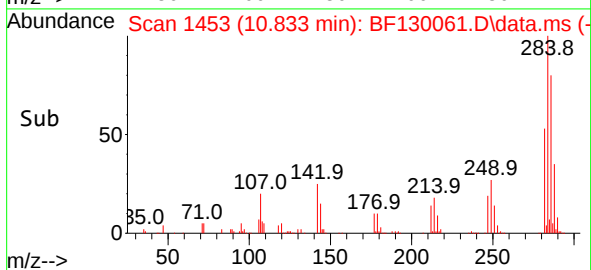
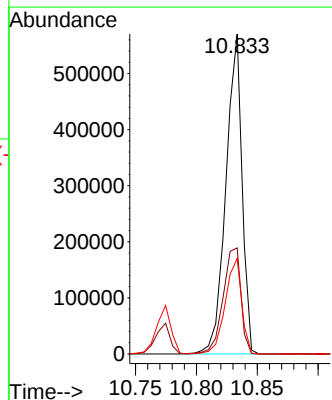
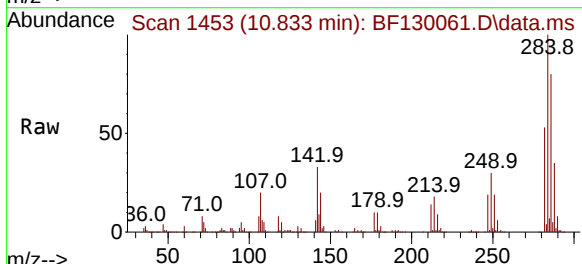
Instrument :
BNA_F
ClientSampleId :
PB147199BS

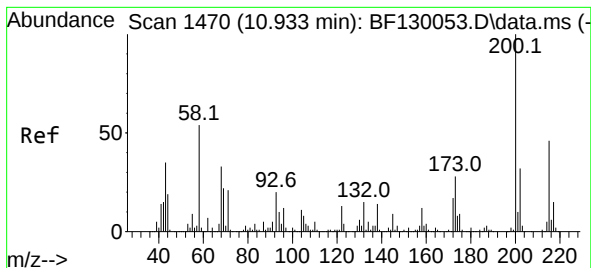
Tgt Ion:248 Resp: 485525
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 74.1 66.2 99.2



#68
Hexachlorobenzene
Concen: 39.647 ng
RT: 10.833 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:284 Resp: 527379
Ion Ratio Lower Upper
284 100
142 33.1 31.4 47.0
249 29.8 25.7 38.5





#69

Atrazine

Concen: 44.961 ng

RT: 10.939 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

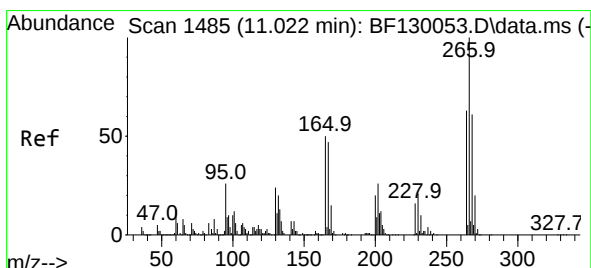
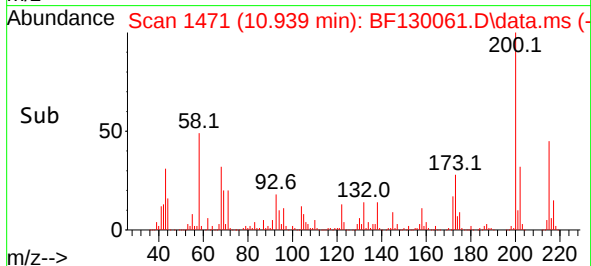
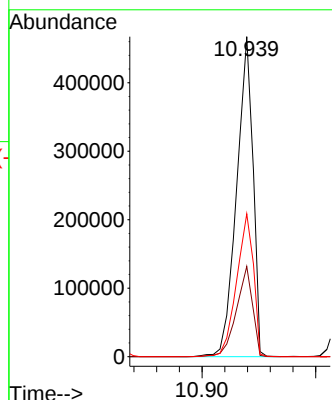
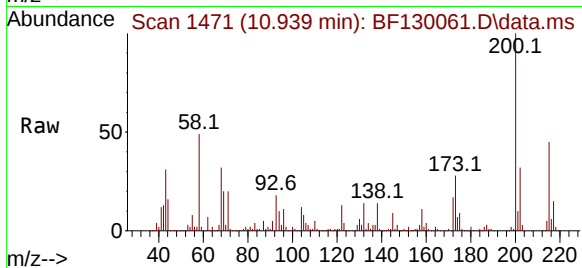
Tgt Ion:200 Resp: 466674

Ion Ratio Lower Upper

200 100

173 28.2 6.4 46.4

215 44.6 27.1 67.1



#70

Pentachlorophenol

Concen: 81.793 ng

RT: 11.028 min Scan# 1486

Delta R.T. 0.006 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

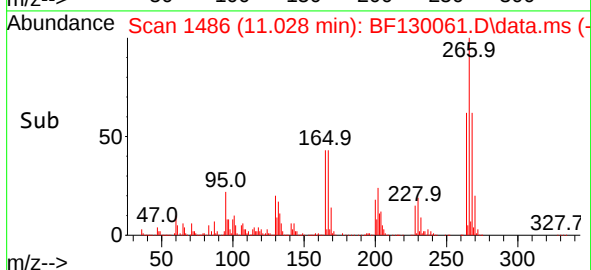
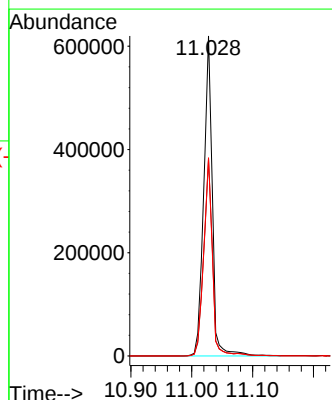
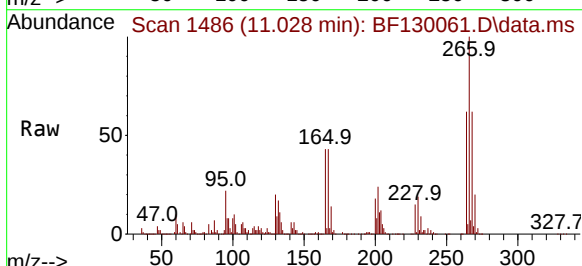
Tgt Ion:266 Resp: 608403

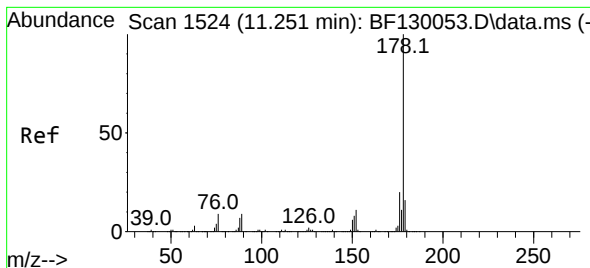
Ion Ratio Lower Upper

266 100

268 61.7 49.0 73.4

264 62.0 47.9 71.9





#71

Phenanthrene

Concen: 36.077 ng

RT: 11.251 min Scan# 1524

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

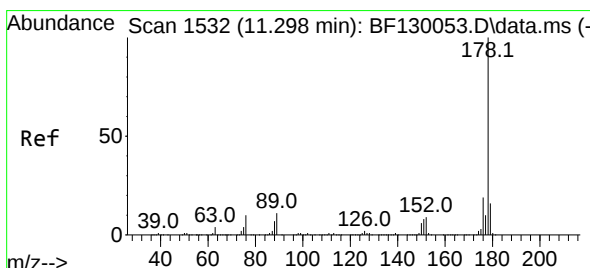
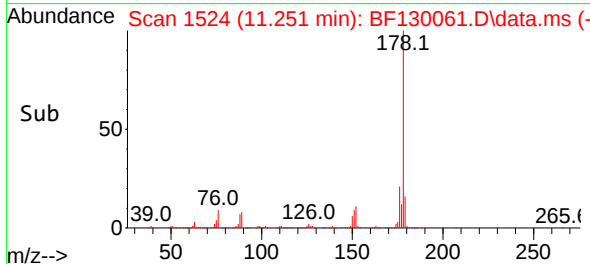
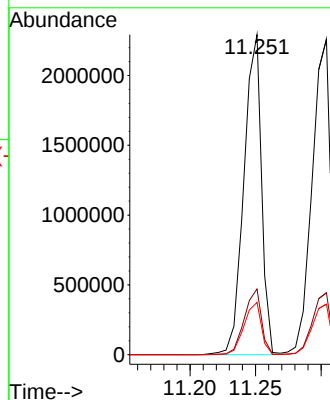
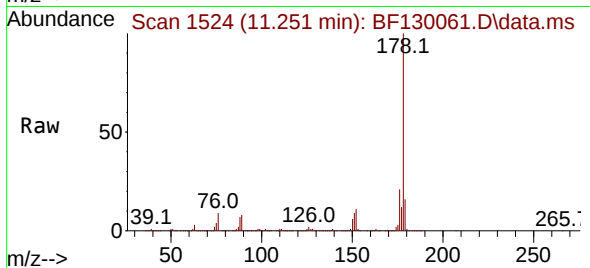
Tgt Ion:178 Resp: 2147281

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

179 16.4 12.5 18.7



#72

Anthracene

Concen: 37.384 ng

RT: 11.304 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

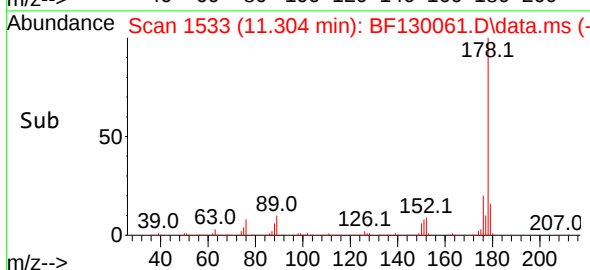
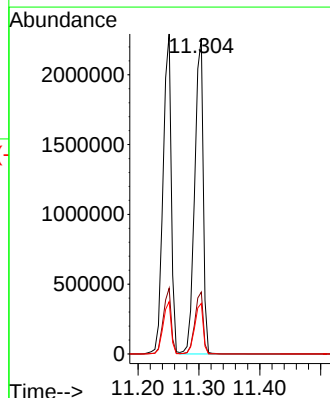
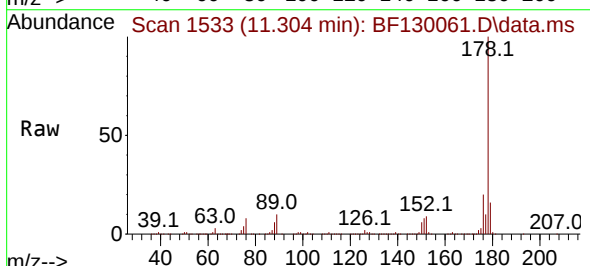
Tgt Ion:178 Resp: 2187369

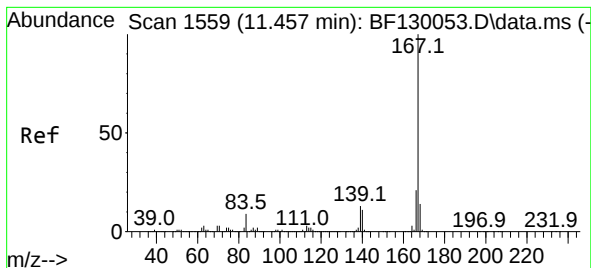
Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

179 16.0 12.6 18.8





#73

Carbazole

Concen: 38.396 ng

RT: 11.457 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

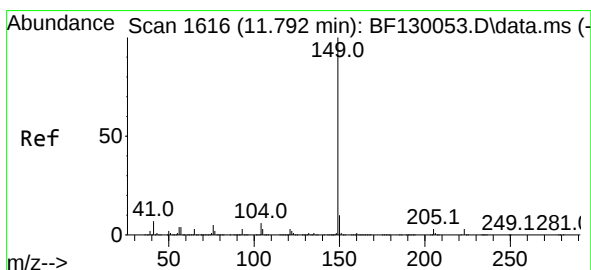
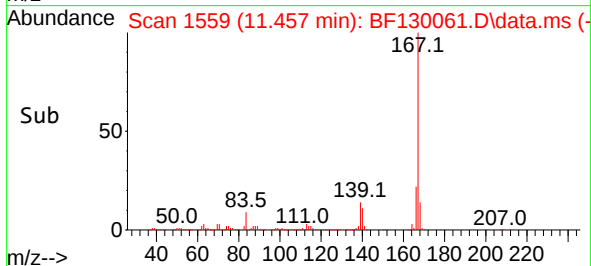
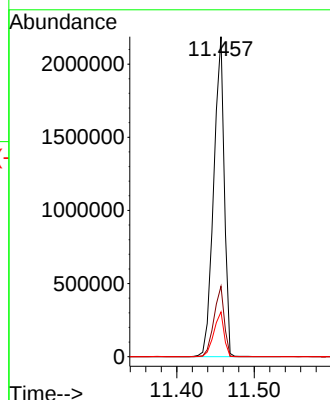
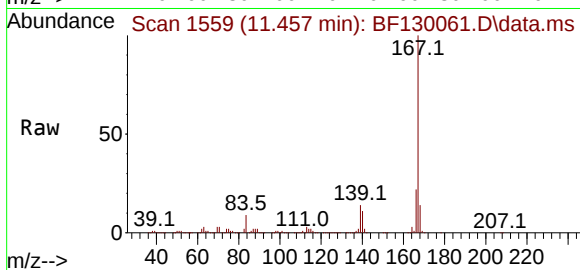
Tgt Ion:167 Resp: 2071704

Ion Ratio Lower Upper

167 100

166 22.0 17.1 25.7

139 14.0 11.0 16.6



#74

Di-n-butylphthalate

Concen: 38.789 ng

RT: 11.792 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

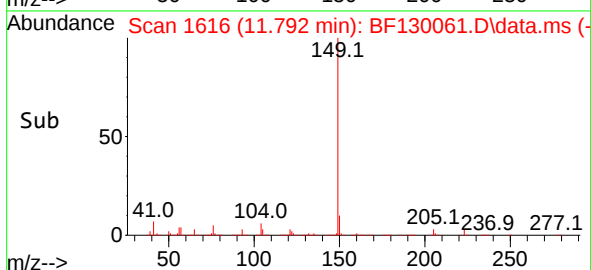
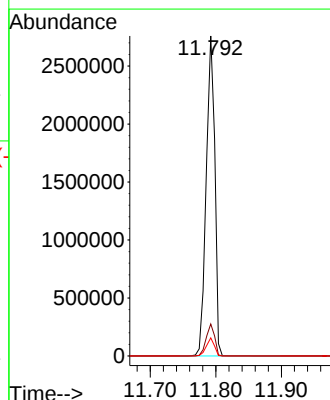
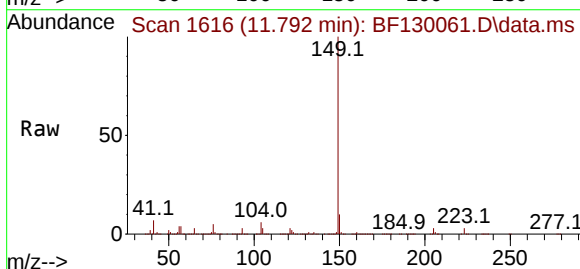
Tgt Ion:149 Resp: 2523708

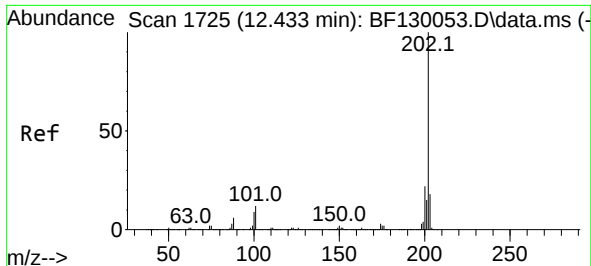
Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

104 5.6 4.2 6.4

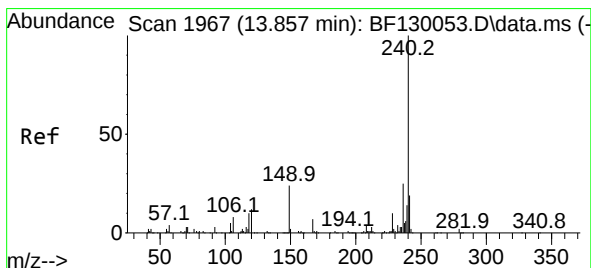
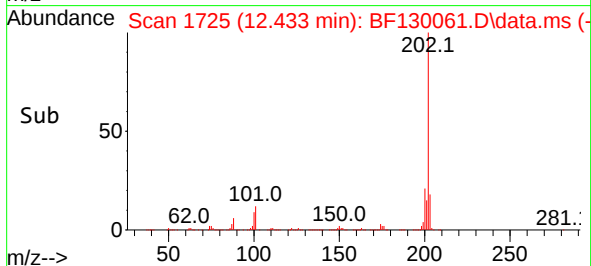
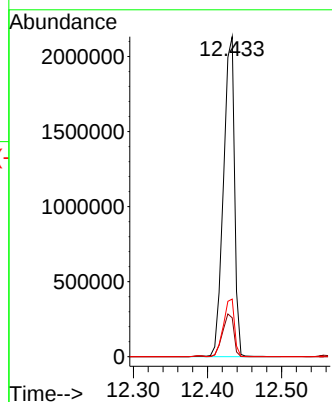
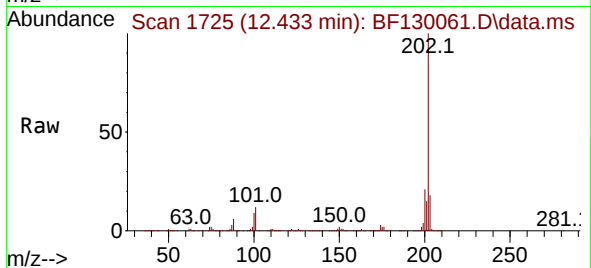




#75
Fluoranthene
Concen: 37.584 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

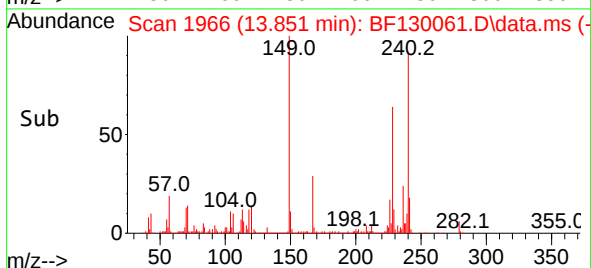
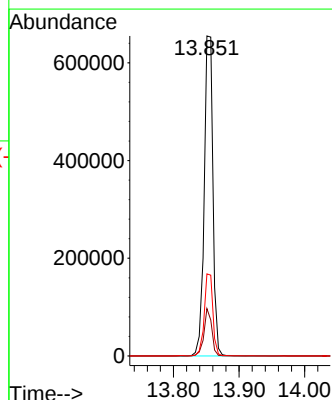
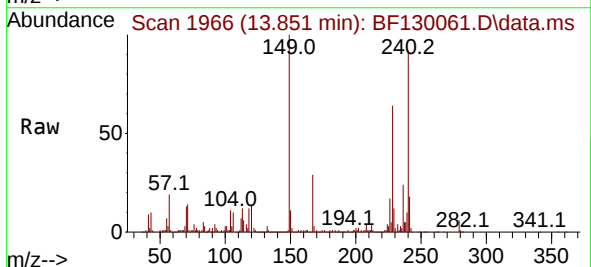
Instrument :
BNA_F
ClientSampleId :
PB147199BS

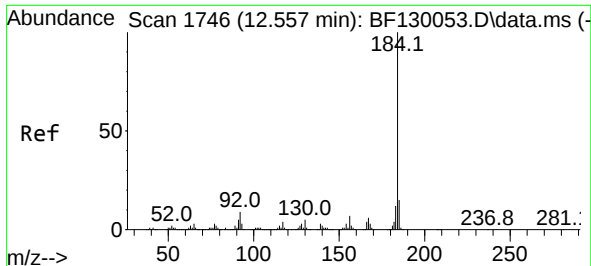
Tgt Ion:202 Resp: 2218282
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.7
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:240 Resp: 607758
Ion Ratio Lower Upper
240 100
120 14.8 9.2 13.8#
236 25.6 20.7 31.1

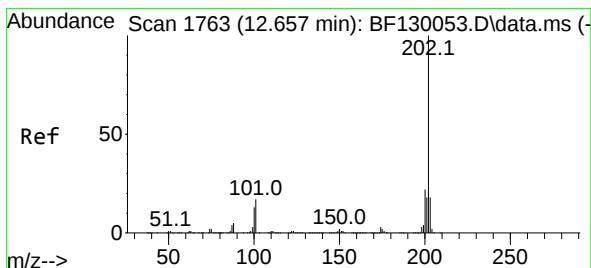
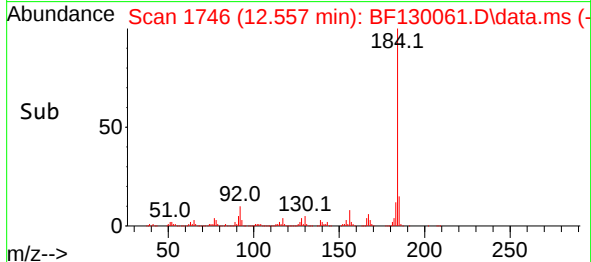
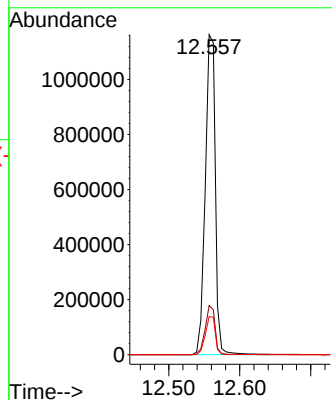
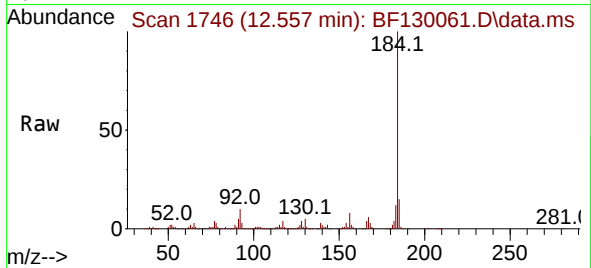




#77
Benzidine
Concen: 69.981 ng
RT: 12.557 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

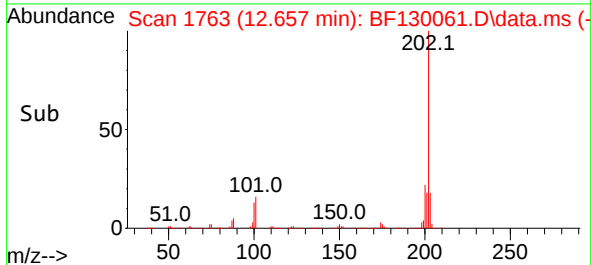
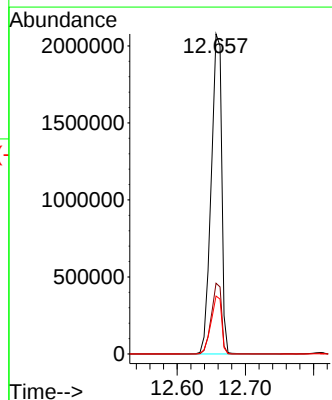
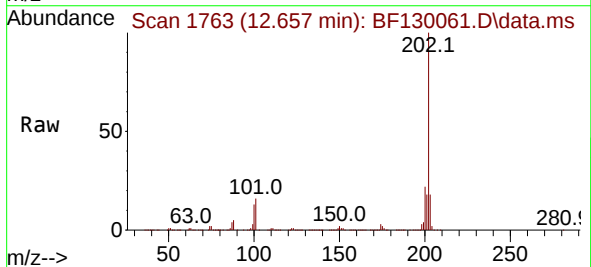
Instrument :
BNA_F
ClientSampleId :
PB147199BS

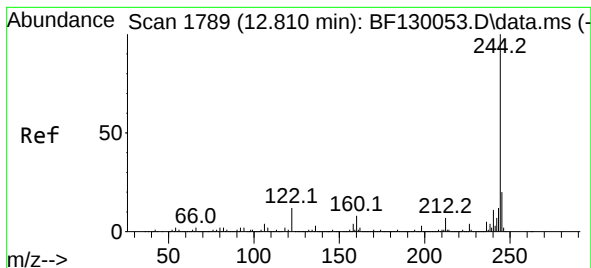
Tgt Ion:184 Resp: 1148311
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.2
183 11.9 9.4 14.2



#78
Pyrene
Concen: 40.749 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:202 Resp: 2221367
Ion Ratio Lower Upper
202 100
200 22.1 17.0 25.6
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 83.007 ng

RT: 12.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

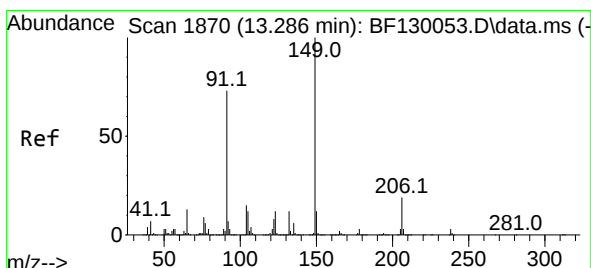
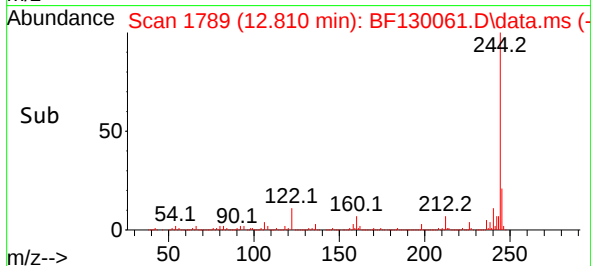
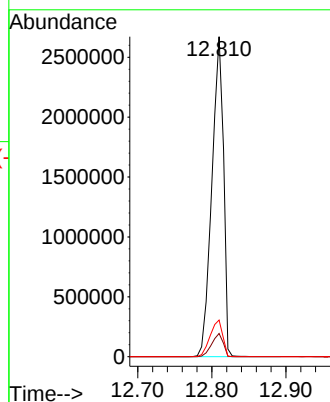
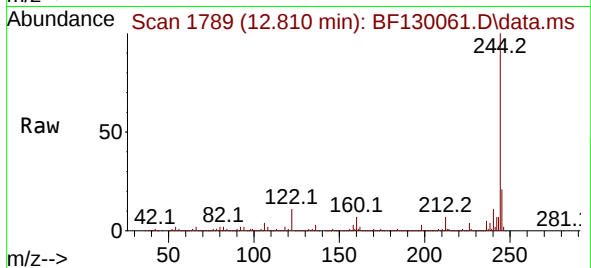
Tgt Ion:244 Resp: 2909146

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.5 9.9 14.9



#80

Butylbenzylphthalate

Concen: 45.715 ng

RT: 13.286 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

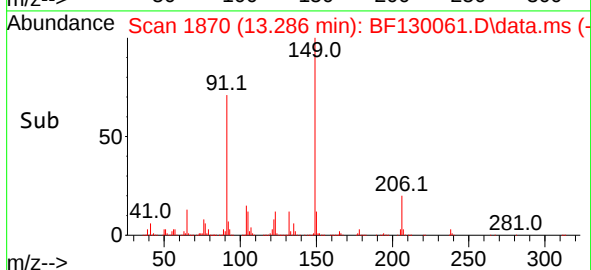
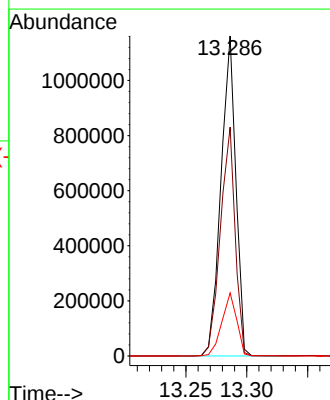
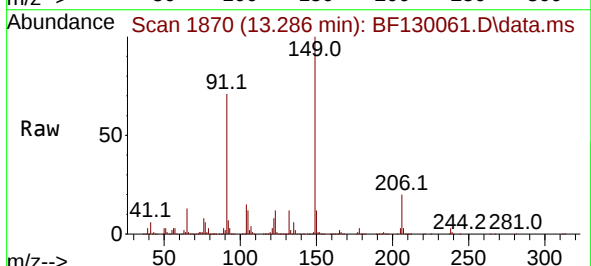
Tgt Ion:149 Resp: 991218

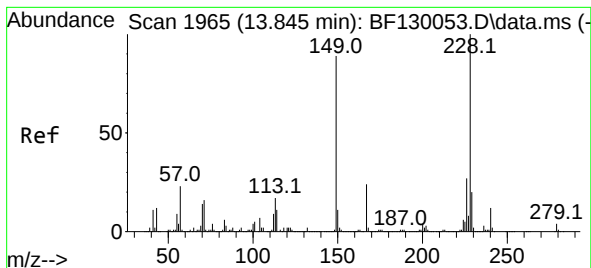
Ion Ratio Lower Upper

149 100

91 71.5 55.4 83.0

206 19.7 15.8 23.6





#81

Benzo(a)anthracene

Concen: 38.300 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

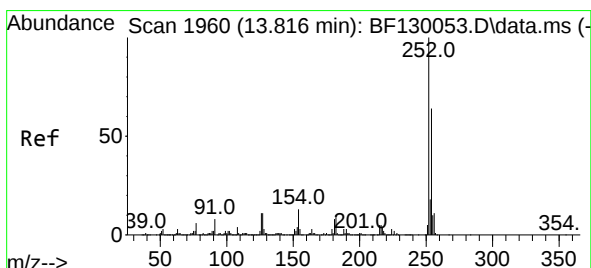
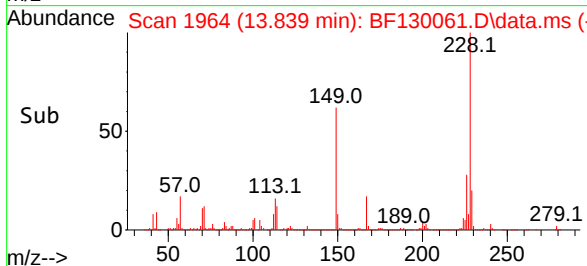
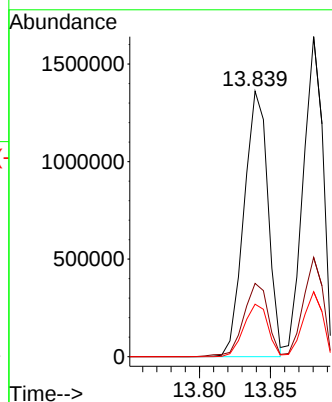
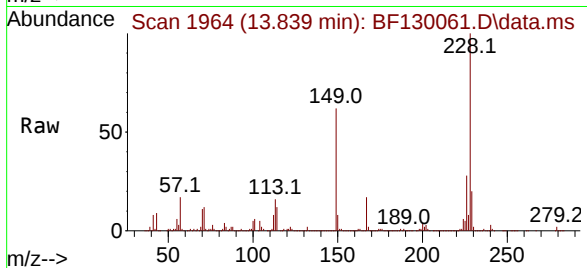
Tgt Ion:228 Resp: 1595221

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.0

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.262 ng

RT: 13.810 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

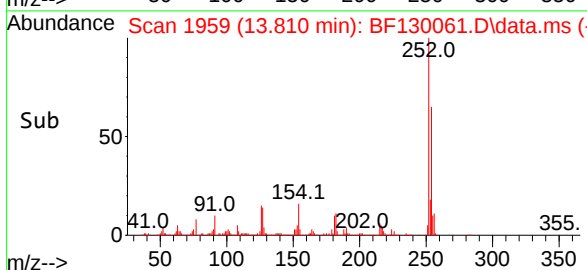
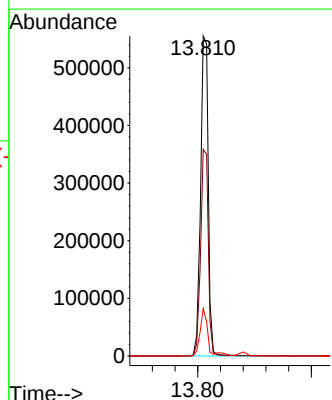
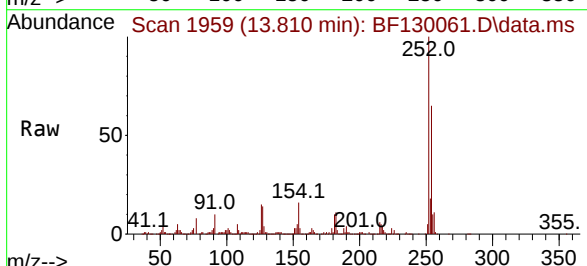
Tgt Ion:252 Resp: 522944

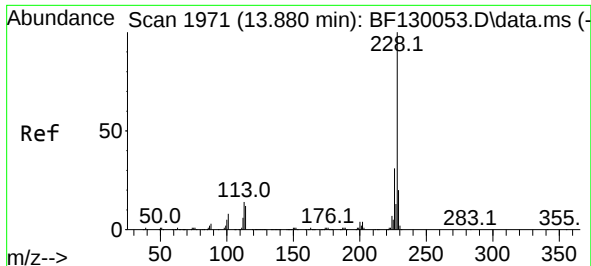
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 14.8 10.2 15.4

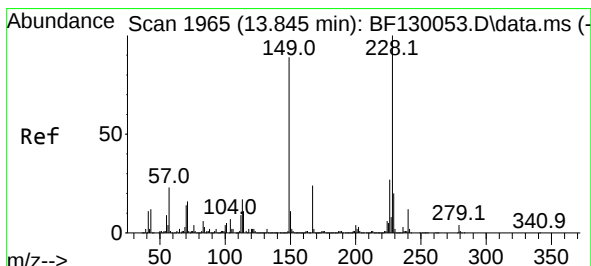
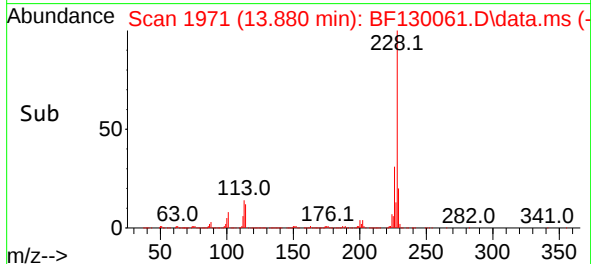
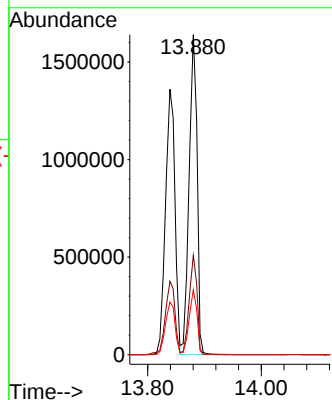
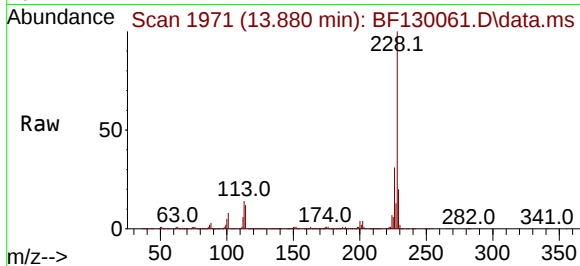




#83
Chrysene
Concen: 38.862 ng
RT: 13.880 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

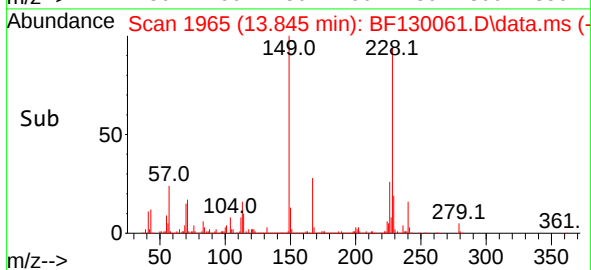
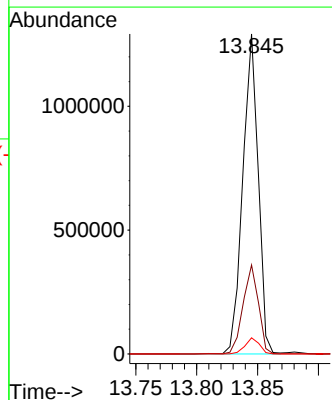
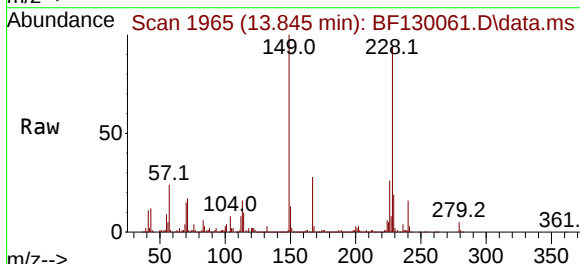
Instrument :
BNA_F
ClientSampleId :
PB147199BS

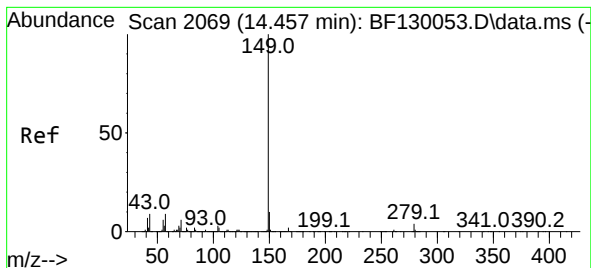
Tgt Ion:228 Resp: 1595802
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.3 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.342 ng
RT: 13.845 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:149 Resp: 1141189
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 5.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.007 ng

RT: 14.457 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

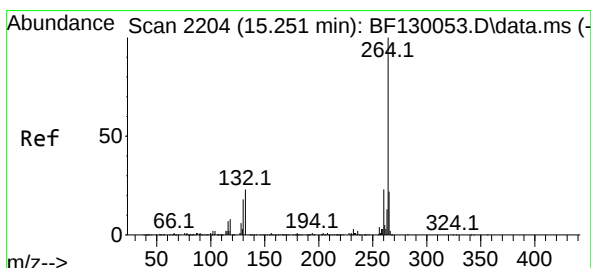
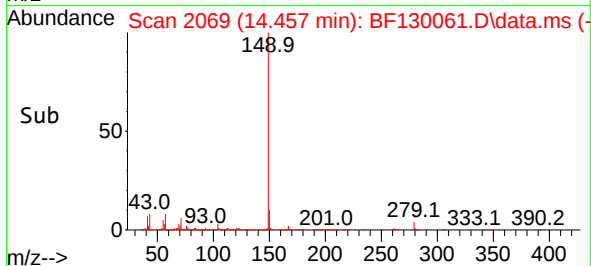
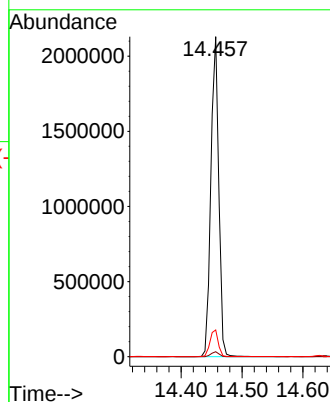
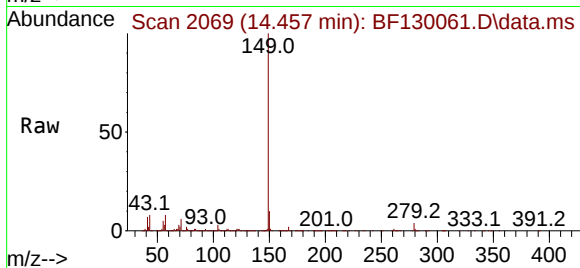
Tgt Ion:149 Resp: 1916098

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: BF130061.D

Acq: 31 Aug 2022 20:35

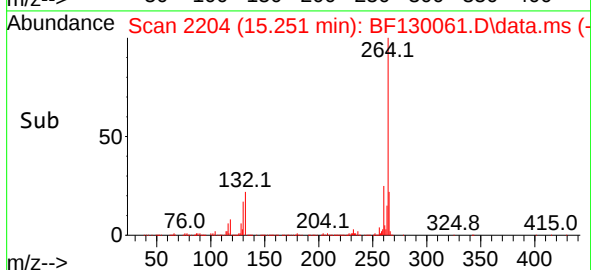
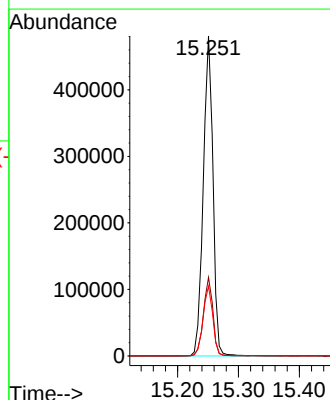
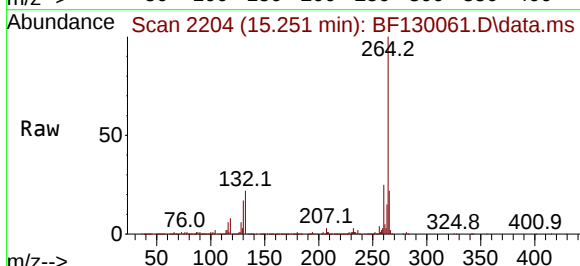
Tgt Ion:264 Resp: 532019

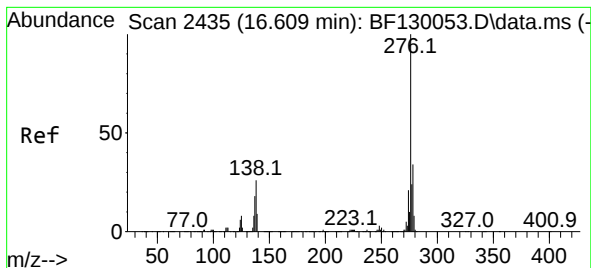
Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.160 ng

RT: 16.604 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

Instrument :

BNA_F

ClientSampleId :

PB147199BS

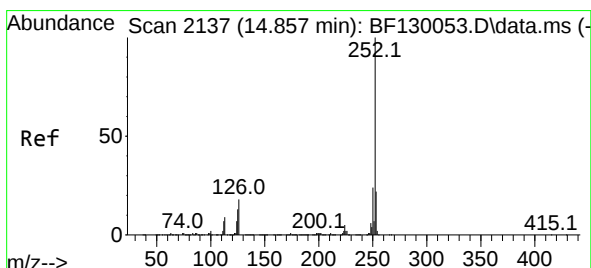
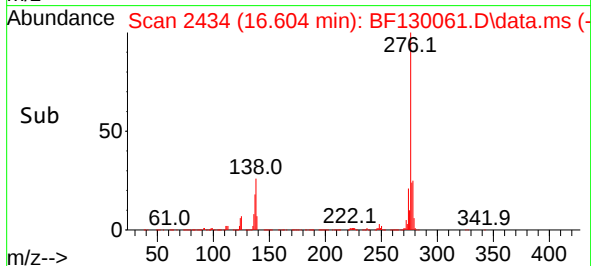
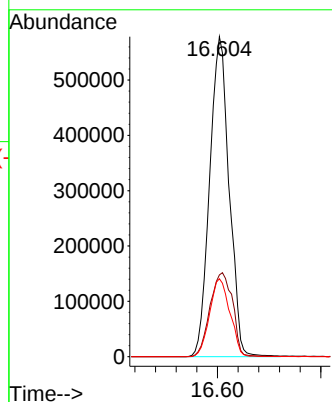
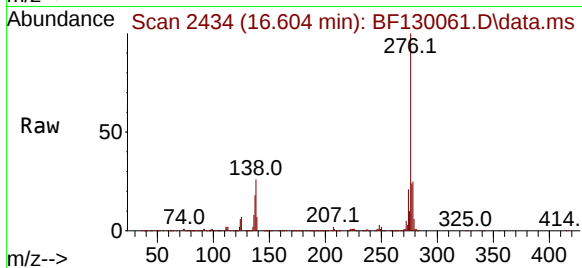
Tgt Ion:276 Resp: 1514674

Ion Ratio Lower Upper

276 100

138 30.4 19.8 29.8#

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.880 ng

RT: 14.857 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF130061.D

Acq: 31 Aug 2022 20:35

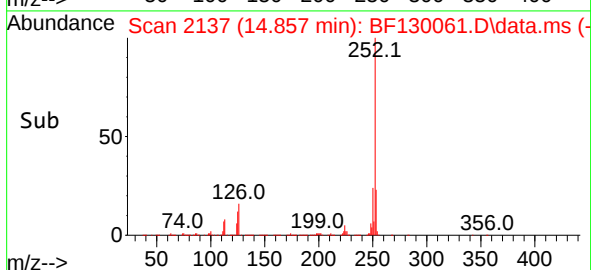
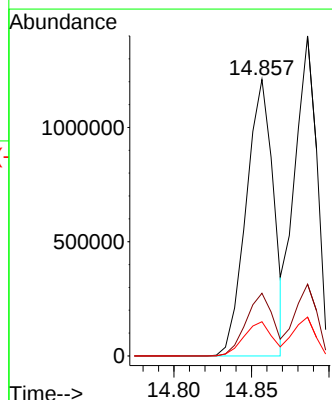
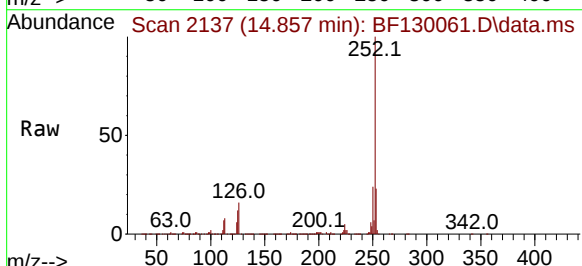
Tgt Ion:252 Resp: 1485843

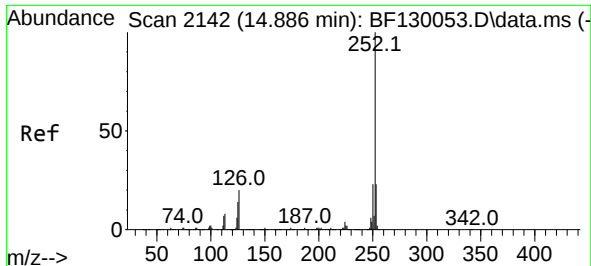
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 12.4 8.3 12.5

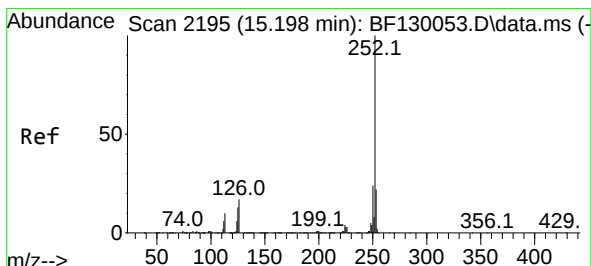
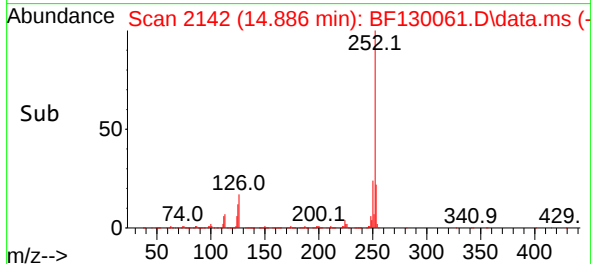
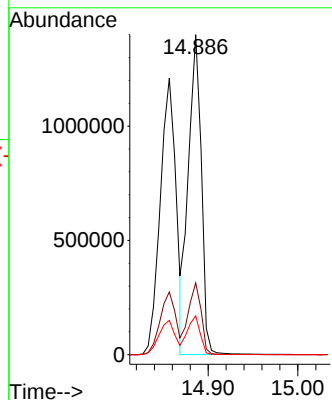
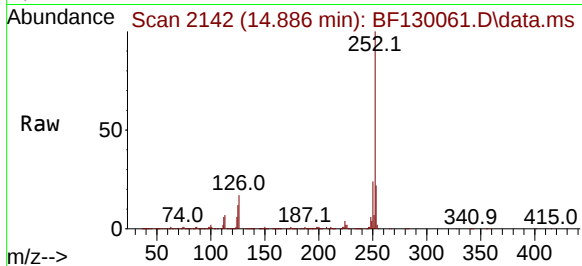




#89
Benzo(k)fluoranthene
Concen: 41.045 ng
RT: 14.886 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

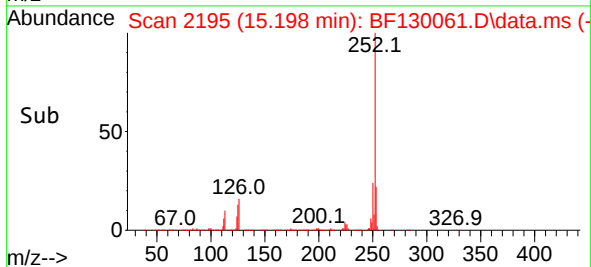
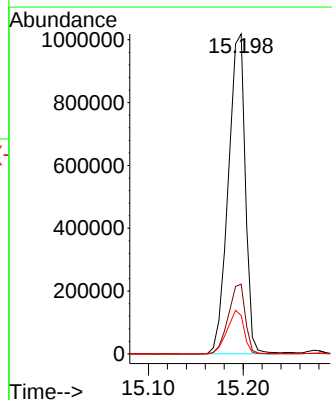
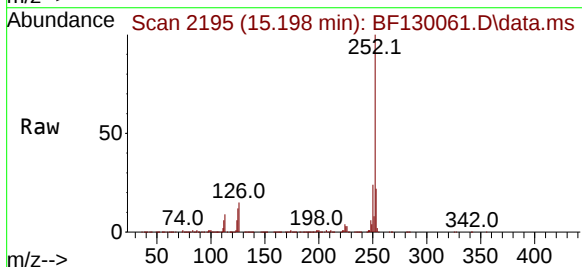
Instrument :
BNA_F
ClientSampleId :
PB147199BS

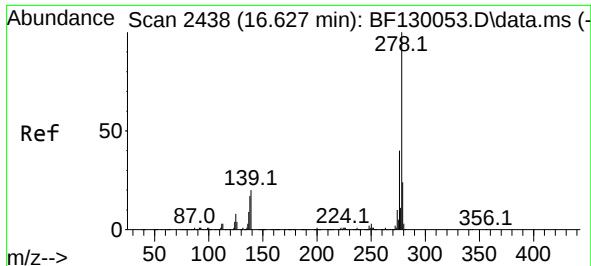
Tgt Ion:252 Resp: 1408385
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 12.2 8.3 12.5



#90
Benzo(a)pyrene
Concen: 45.095 ng
RT: 15.198 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:252 Resp: 1271314
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.1 8.8 13.2

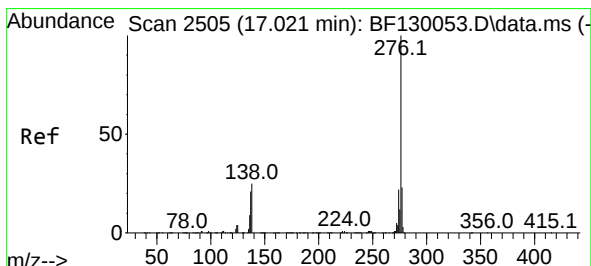
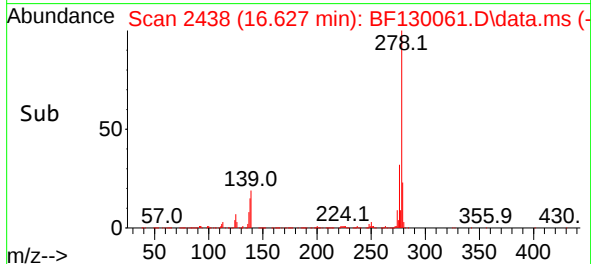
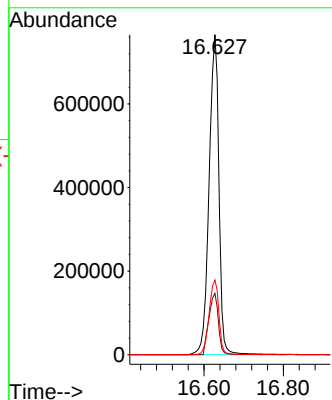
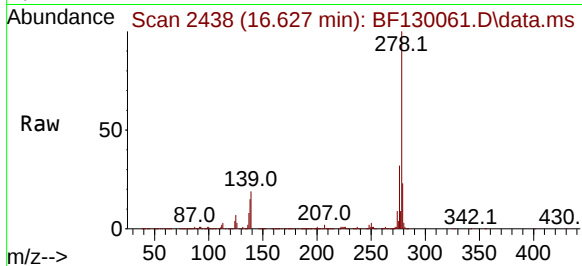




#91
Dibenzo(a,h)anthracene
Concen: 46.006 ng
RT: 16.627 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Instrument :
BNA_F
ClientSampleId :
PB147199BS

Tgt Ion:278 Resp: 1321124
Ion Ratio Lower Upper
278 100
139 19.1 12.2 18.4#
279 23.4 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 46.081 ng
RT: 17.021 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BF130061.D
Acq: 31 Aug 2022 20:35

Tgt Ion:276 Resp: 1323967
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.4
138 24.9 15.8 23.8#

