

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130143.D
 Acq On : 06 Sep 2022 18:08
 Operator : CG\JU
 Sample : PB147422BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147422BS

Quant Time: Sep 07 02:15:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	206210	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	857199	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	470626	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	809921	20.000	ng	0.00
76) Chrysene-d12	13.839	240	447989	20.000	ng	0.00
86) Perylene-d12	15.233	264	392764	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1647938	135.669	ng	0.01
7) Phenol-d6	6.334	99	2057477	135.865	ng	0.00
23) Nitrobenzene-d5	7.269	82	1238086	92.822	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	619931	144.708	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2279510	80.304	ng	0.00
79) Terphenyl-d14	12.798	244	2438213	94.381	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.410	88	212940	37.512	ng	96
3) Pyridine	3.105	79	575794	37.826	ng	92
4) n-Nitrosodimethylamine	3.057	42	275892	46.087	ng	87
6) Aniline	6.363	93	846598	44.591	ng	# 50
8) 2-Chlorophenol	6.481	128	680963	51.077	ng	99
9) Benzaldehyde	6.245	77	269514	29.077	ng	96
10) Phenol	6.345	94	815757	47.657	ng	# 65
11) bis(2-Chloroethyl)ether	6.440	93	630105	48.449	ng	99
12) 1,3-Dichlorobenzene	6.640	146	690365	46.711	ng	96
13) 1,4-Dichlorobenzene	6.716	146	697333	46.841	ng	97
14) 1,2-Dichlorobenzene	6.863	146	665443	49.173	ng	99
15) Benzyl Alcohol	6.845	79	331603	32.487	ng	92
16) 2,2'-oxybis(1-Chloropr...	6.981	45	808347	45.733	ng	# 52
17) 2-Methylphenol	6.957	107	532134	47.441	ng	# 87
18) Hexachloroethane	7.210	117	257686	47.934	ng	94
19) n-Nitroso-di-n-propyla...	7.122	70	419679	46.002	ng	93
20) 3+4-Methylphenols	7.110	107	606956	46.143	ng	# 72
22) Acetophenone	7.116	105	853986	44.592	ng	# 97
24) Nitrobenzene	7.287	77	665503	46.915	ng	95
25) Isophorone	7.528	82	1229149	45.530	ng	98
26) 2-Nitrophenol	7.598	139	332008	49.690	ng	95
27) 2,4-Dimethylphenol	7.640	122	597038	52.705	ng	96
28) bis(2-Chloroethoxy)met...	7.740	93	766505	47.266	ng	98
29) 2,4-Dichlorophenol	7.840	162	551224	45.492	ng	97
30) 1,2,4-Trichlorobenzene	7.922	180	552251	43.225	ng	98
31) Naphthalene	8.004	128	1864955	43.137	ng	100
32) Benzoic acid	7.769	122	434405	47.109	ng	97
33) 4-Chloroaniline	8.051	127	695452	39.816	ng	98
34) Hexachlorobutadiene	8.122	225	317037	43.329	ng	99
35) Caprolactam	8.428	113	92023	24.508	ng	94
36) 4-Chloro-3-methylphenol	8.539	107	586113	47.803	ng	93
37) 2-Methylnaphthalene	8.692	142	1207082	43.343	ng	100
38) 1-Methylnaphthalene	8.792	142	1150657	42.508	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	515723	42.024	ng	98
41) Hexachlorocyclopentadiene	8.845	237	628156	97.942	ng	98
43) 2,4,6-Trichlorophenol	8.969	196	367857	41.994	ng	98

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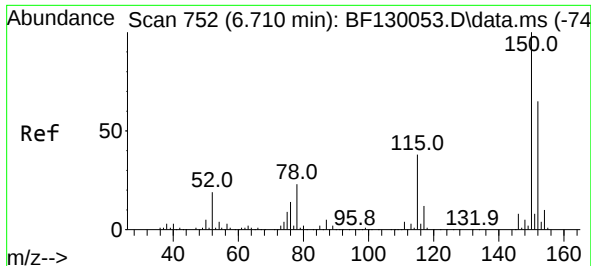
Quant Time: Sep 07 02:15:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	436127	45.934	ng	95
46) 1,1'-Biphenyl	9.157	154	1464909	42.845	ng	99
47) 2-Chloronaphthalene	9.181	162	1158334	42.282	ng	100
48) 2-Nitroaniline	9.281	65	357453	52.949	ng	# 85
49) Acenaphthylene	9.592	152	1769755	42.542	ng	99
50) Dimethylphthalate	9.463	163	1384179	43.181	ng	99
51) 2,6-Dinitrotoluene	9.522	165	313712	50.196	ng	95
52) Acenaphthene	9.763	154	1063667	40.571	ng	99
53) 3-Nitroaniline	9.692	138	307248	42.831	ng	97
54) 2,4-Dinitrophenol	9.798	184	307247	105.424	ng	# 83
55) Dibenzofuran	9.939	168	1627539	43.352	ng	98
56) 4-Nitrophenol	9.857	139	551624	99.742	ng	88
57) 2,4-Dinitrotoluene	9.922	165	413362	57.447	ng	# 90
58) Fluorene	10.281	166	1206837	42.249	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.051	232	338063	45.843	ng	# 79
60) Diethylphthalate	10.163	149	1351756	43.589	ng	99
61) 4-Chlorophenyl-phenyle...	10.275	204	542755	42.982	ng	97
62) 4-Nitroaniline	10.310	138	359145	51.479	ng	92
63) Azobenzene	10.433	77	1289924	42.247	ng	95
65) 4,6-Dinitro-2-methylph...	10.328	198	189480	49.479	ng	96
66) n-Nitrosodiphenylamine	10.398	169	1159763	42.835	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	388674	43.144	ng	94
68) Hexachlorobenzene	10.822	284	430460	43.852	ng	# 89
69) Atrazine	10.928	200	356667	46.564	ng	100
70) Pentachlorophenol	11.016	266	510980	93.090	ng	97
71) Phenanthrene	11.239	178	1845097	42.007	ng	100
72) Anthracene	11.286	178	1859038	43.055	ng	99
73) Carbazole	11.445	167	1763569	44.292	ng	99
74) Di-n-butylphthalate	11.780	149	2012905	41.924	ng	100
75) Fluoranthene	12.416	202	1900008	43.623	ng	97
77) Benzidine	12.545	184	951282	78.649	ng	99
78) Pyrene	12.645	202	1871123	46.566	ng	98
80) Butylbenzylphthalate	13.274	149	690643	43.212	ng	99
81) Benzo(a)anthracene	13.827	228	1313081	42.770	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	402156	42.005	ng	99
83) Chrysene	13.869	228	1270862	41.986	ng	100
84) Bis(2-ethylhexyl)phtha...	13.833	149	695578	35.013	ng	99
85) Di-n-octyl phthalate	14.439	149	1109164	35.345	ng	98
87) Indeno(1,2,3-cd)pyrene	16.580	276	1270902	49.054	ng	96
88) Benzo(b)fluoranthene	14.845	252	1230949	46.997	ng	100
89) Benzo(k)fluoranthene	14.868	252	1050646	41.476	ng	97
90) Benzo(a)pyrene	15.180	252	1004548	48.266	ng	98
91) Dibenzo(a,h)anthracene	16.604	278	1101291	51.948	ng	97
92) Benzo(g,h,i)perylene	16.992	276	1113533	52.498	ng	# 95

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

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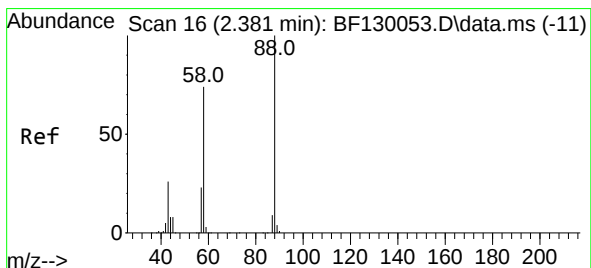
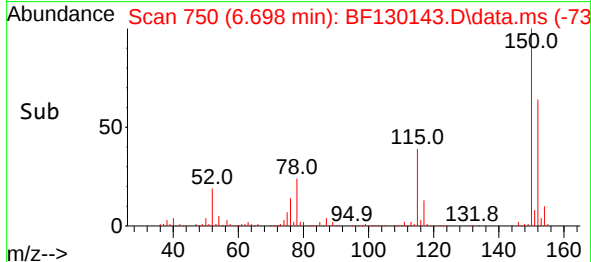
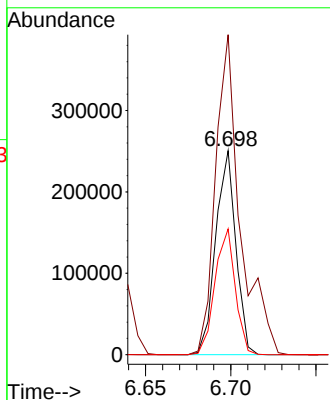
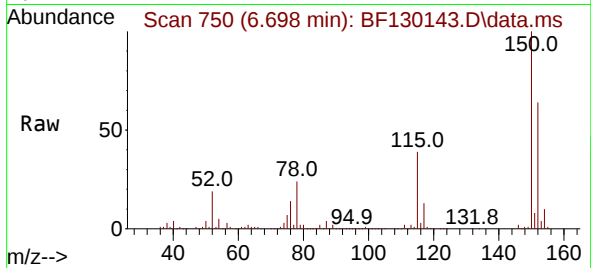




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

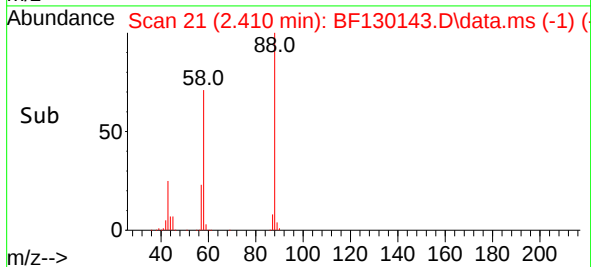
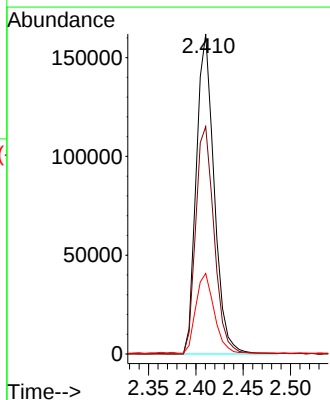
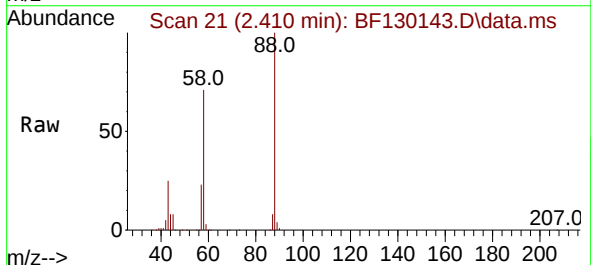
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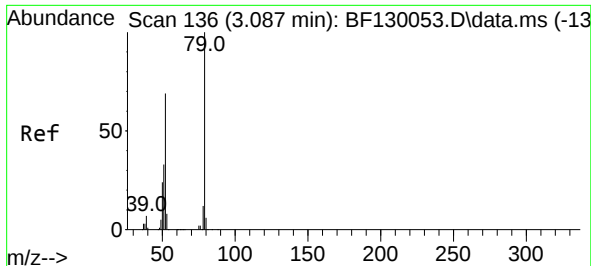
Tgt Ion:152 Resp: 206210
Ion Ratio Lower Upper
152 100
150 156.9 126.9 190.3
115 61.6 53.4 80.0



#2
1,4-Dioxane
Concen: 37.512 ng
RT: 2.410 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 88 Resp: 212940
Ion Ratio Lower Upper
88 100
58 73.3 60.9 91.3
43 25.5 23.6 35.4

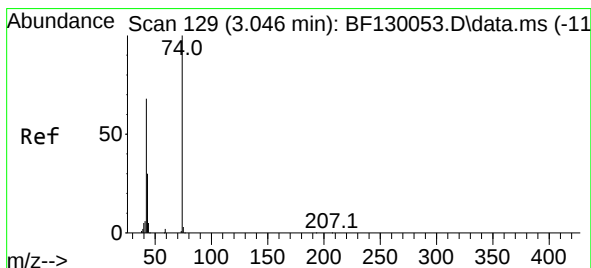
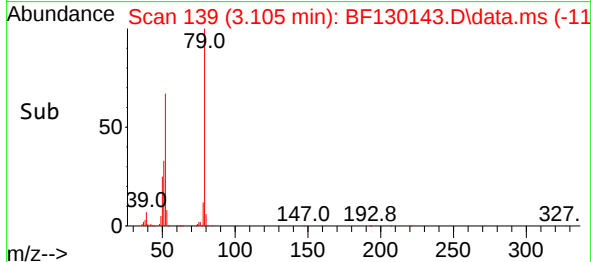
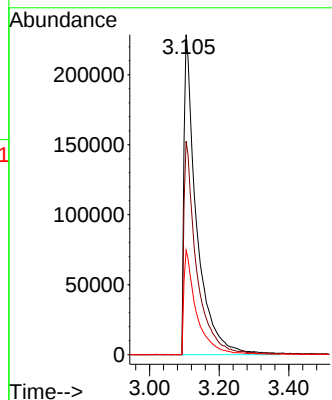
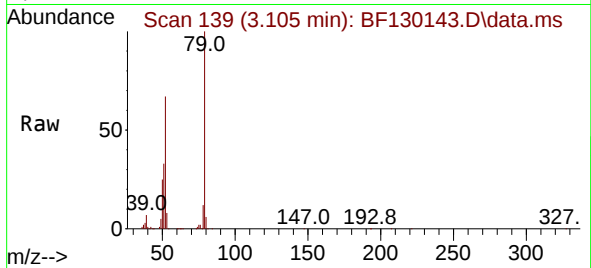




#3
Pyridine
Concen: 37.826 ng
RT: 3.105 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

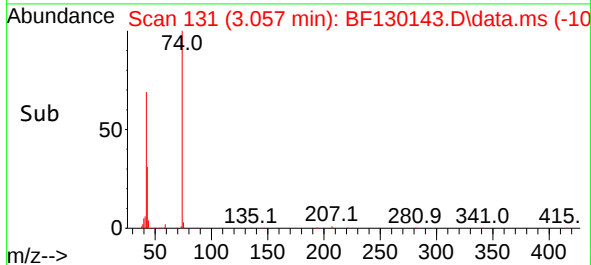
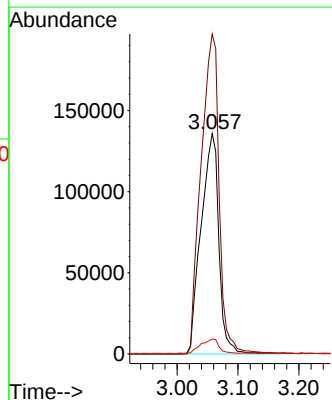
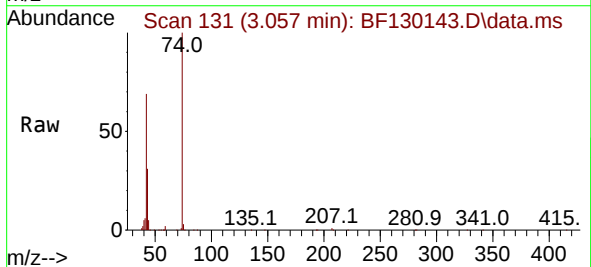
Instrument :
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ClientSampleId :
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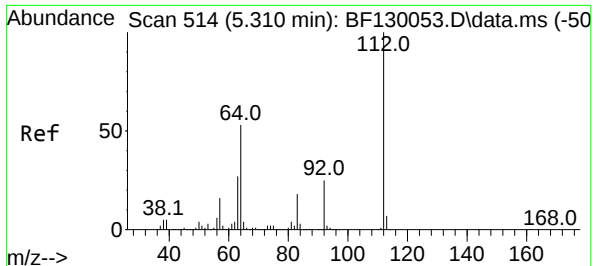
Tgt Ion: 79 Resp: 575794
Ion Ratio Lower Upper
79 100
52 66.7 59.4 89.2
51 32.7 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 46.087 ng
RT: 3.057 min Scan# 131
Delta R.T. 0.059 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 42 Resp: 275892
Ion Ratio Lower Upper
42 100
74 145.1 103.1 154.7
44 6.8 5.4 8.2

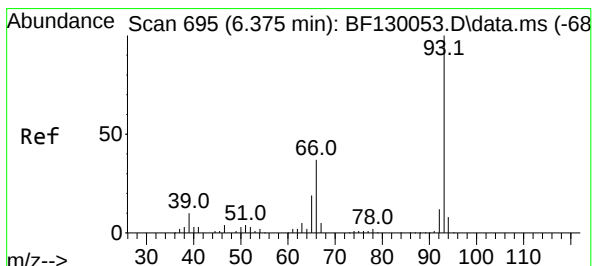
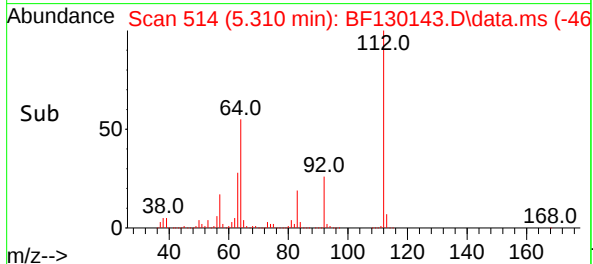
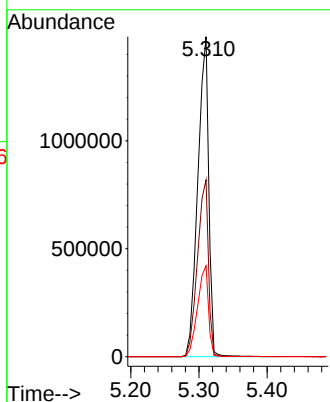
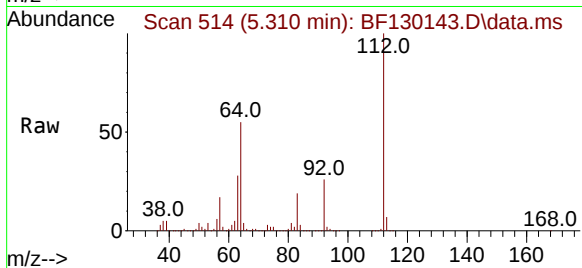




#5
2-Fluorophenol
Concen: 135.669 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

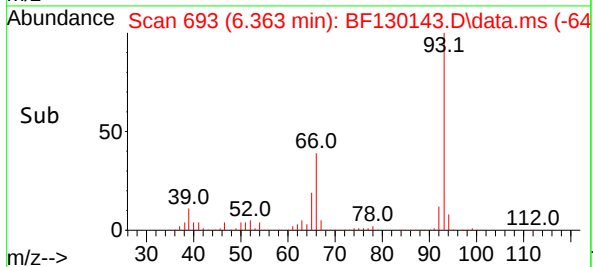
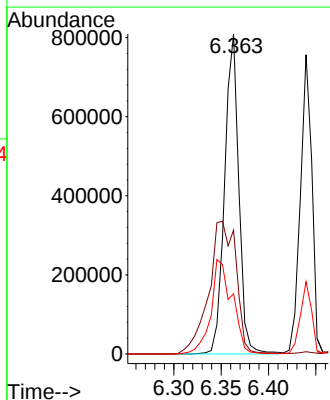
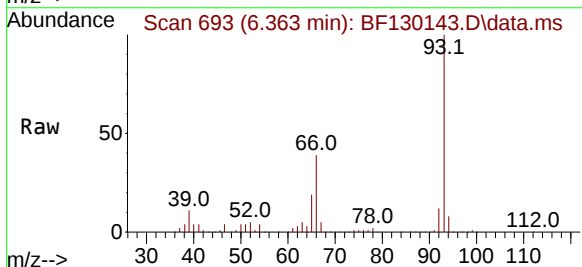
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1647938
Ion Ratio Lower Upper
112 100
64 55.2 47.6 71.4
63 28.4 24.6 37.0



#6
Aniline
Concen: 44.591 ng
RT: 6.363 min Scan# 693
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 93 Resp: 846598
Ion Ratio Lower Upper
93 100
66 38.7 68.7 103.1#
65 18.8 41.6 62.4#



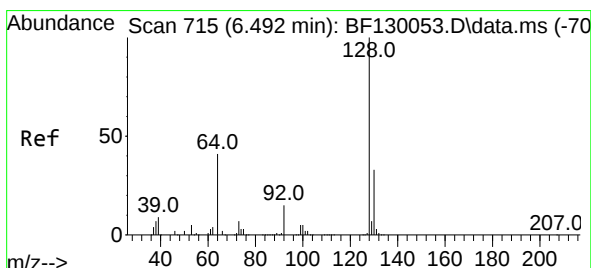
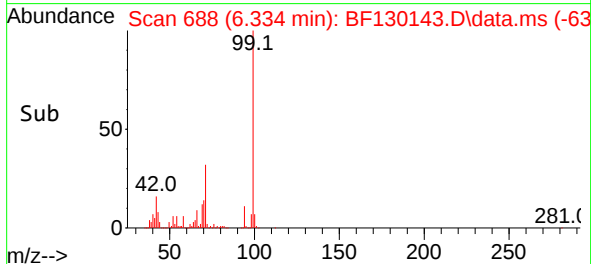
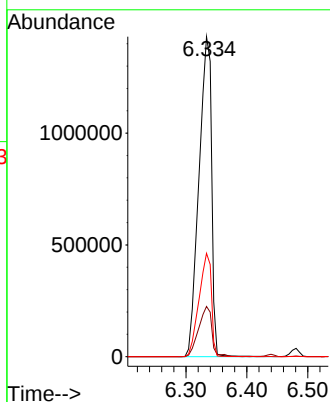
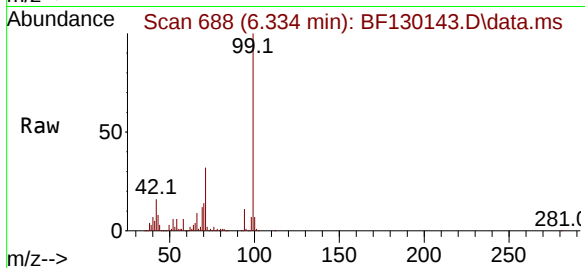


#7
Phenol-d6
Concen: 135.865 ng
RT: 6.334 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130143.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 2057477

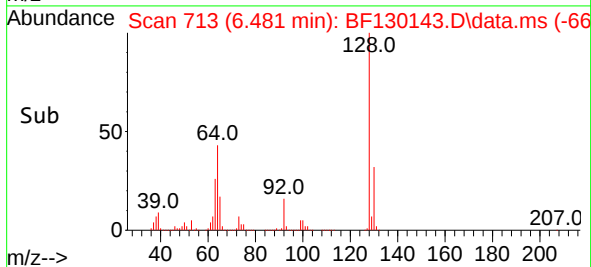
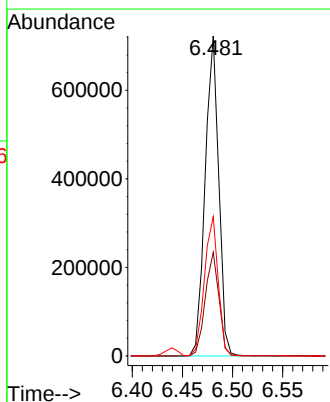
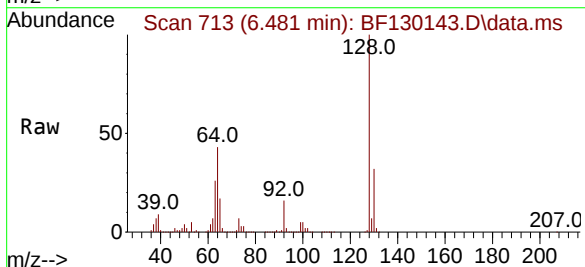
Ion	Ratio	Lower	Upper
99	100		
42	15.7	15.0	22.4
71	32.3	28.8	43.2

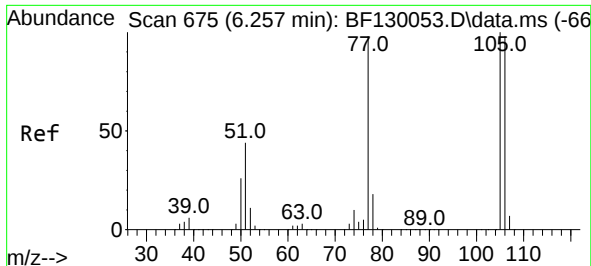


#8
2-Chlorophenol
Concen: 51.077 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 128 Resp: 680963

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	43.5	24.9	64.9

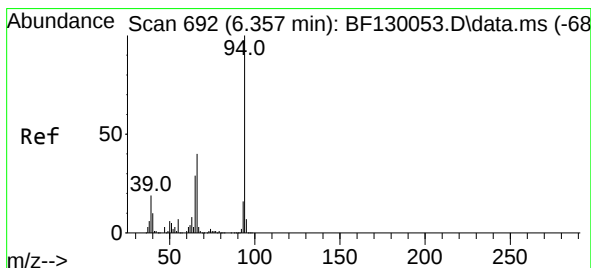
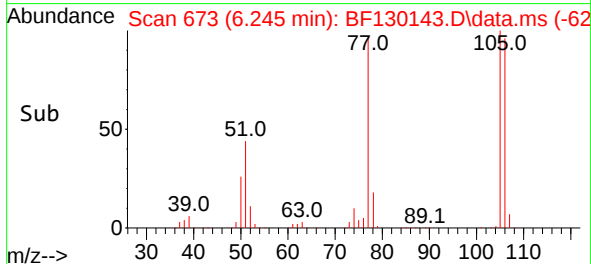
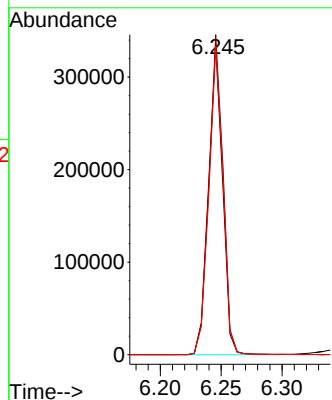
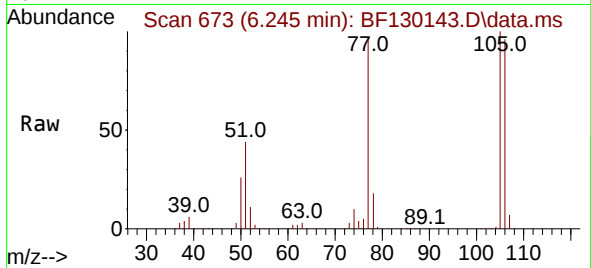




#9
Benzaldehyde
Concen: 29.077 ng
RT: 6.245 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

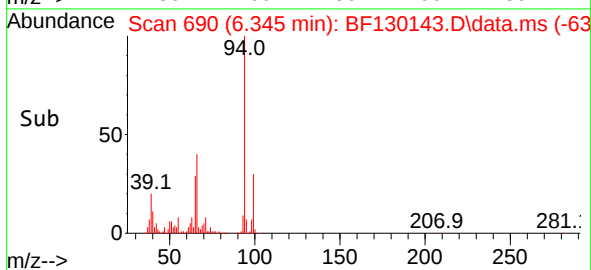
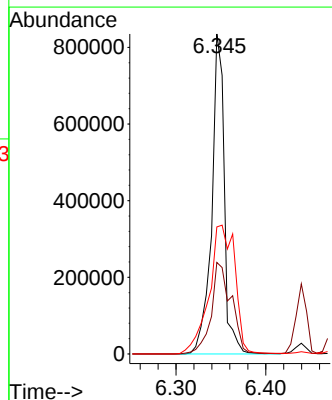
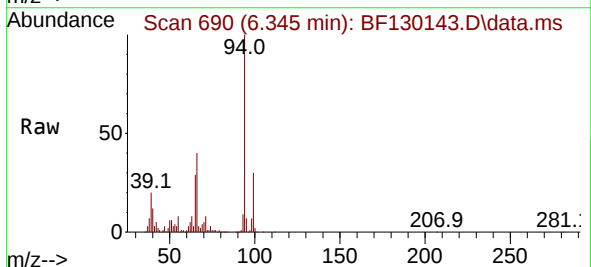
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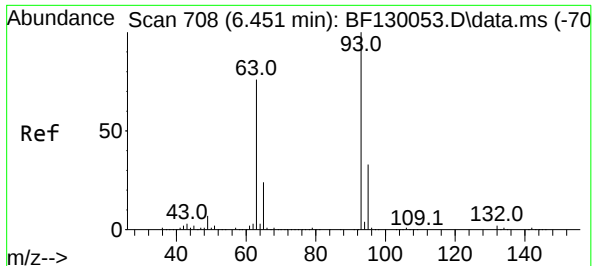
Tgt Ion: 77 Resp: 269514
Ion Ratio Lower Upper
77 100
105 103.0 80.3 120.3
106 99.3 74.3 114.3



#10
Phenol
Concen: 47.657 ng
RT: 6.345 min Scan# 690
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 815757
Ion Ratio Lower Upper
94 100
65 28.6 24.9 64.9
66 39.7 54.2 94.2#

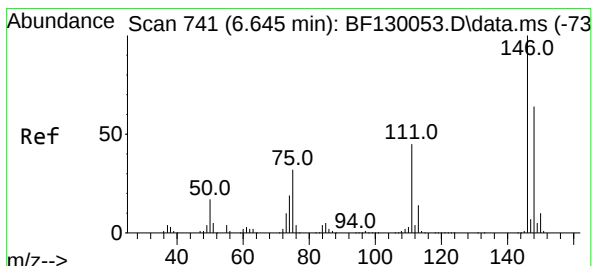
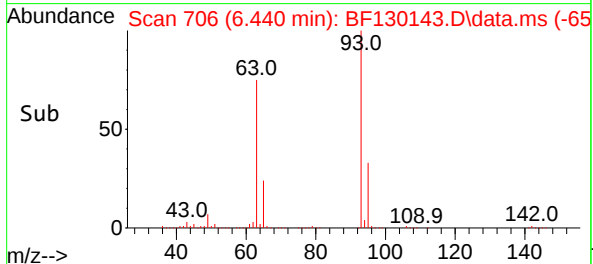
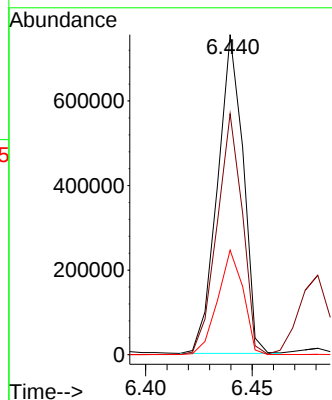
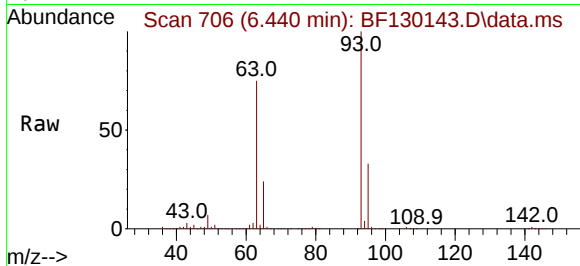




#11
bis(2-Chloroethyl)ether
Concen: 48.449 ng
RT: 6.440 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

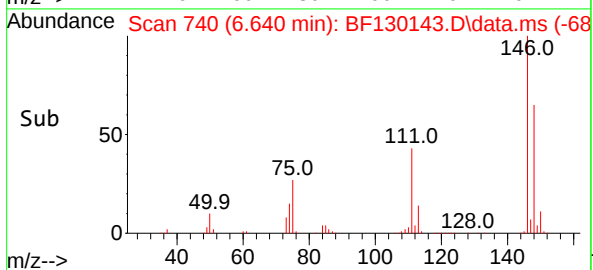
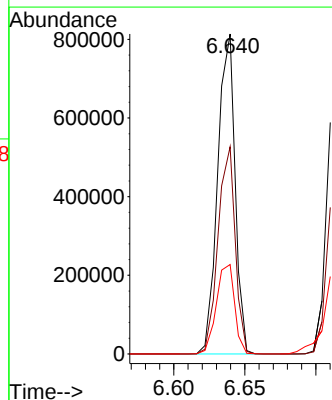
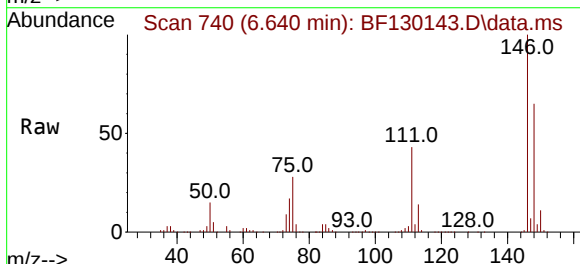
Instrument :
BNA_F
ClientSampleId :
PB147422BS

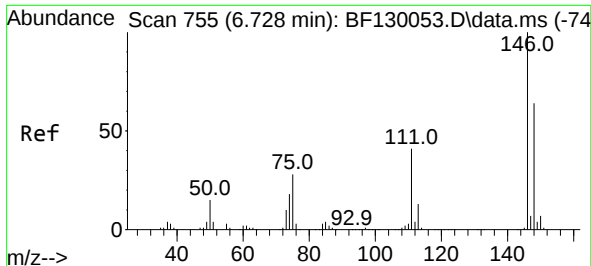
Tgt Ion: 93 Resp: 630105
Ion Ratio Lower Upper
93 100
63 75.3 55.9 95.9
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.711 ng
RT: 6.640 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:146 Resp: 690365
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 28.0 26.5 39.7

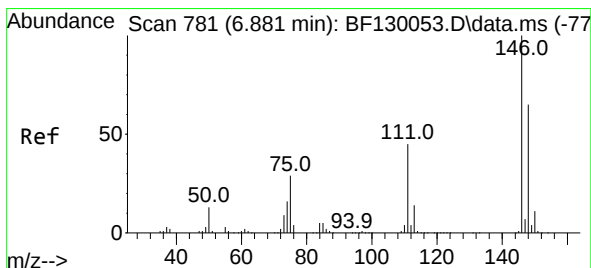
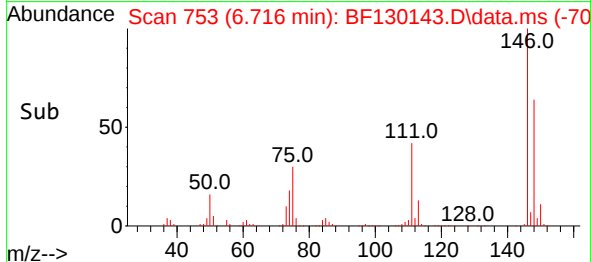
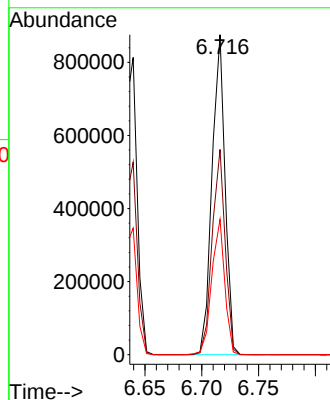
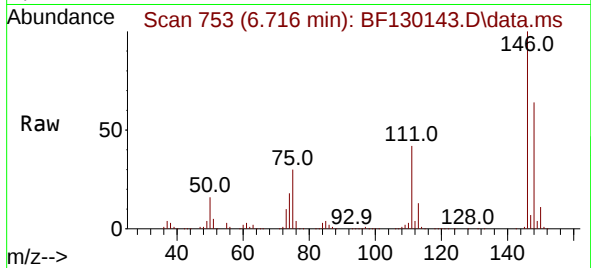




#13
1,4-Dichlorobenzene
Concen: 46.841 ng
RT: 6.716 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

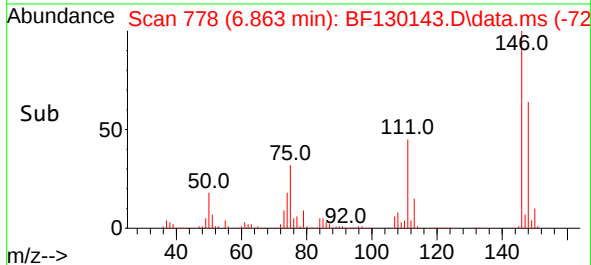
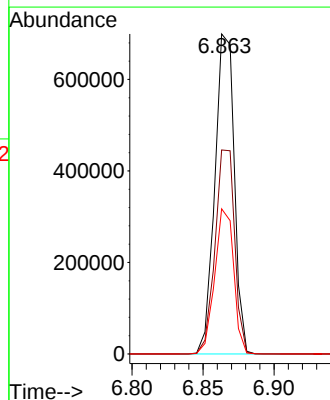
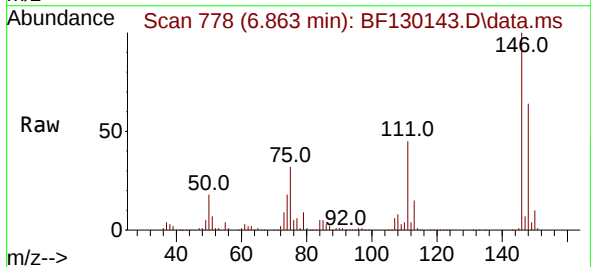
Instrument :
BNA_F
ClientSampleId :
PB147422BS

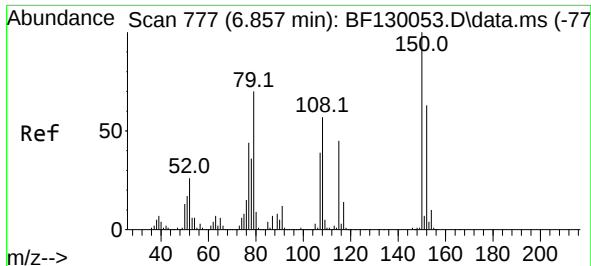
Tgt Ion:146 Resp: 697333
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
111 42.3 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 49.173 ng
RT: 6.863 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:146 Resp: 665443
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
111 45.4 37.2 55.8

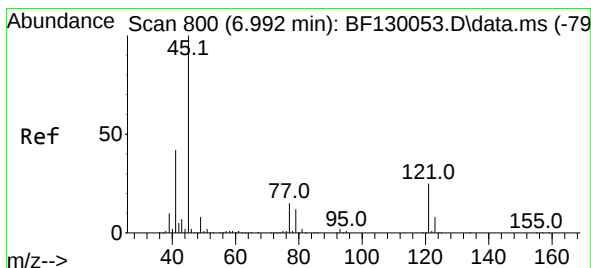
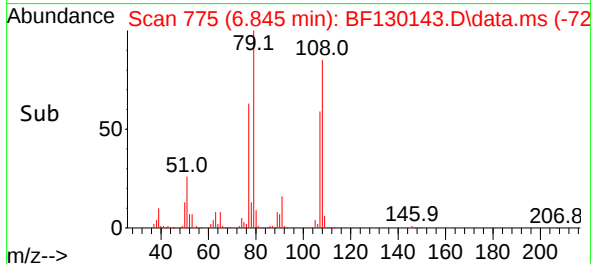
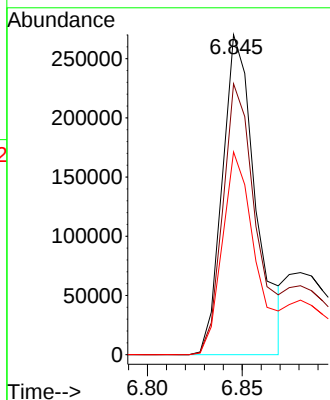
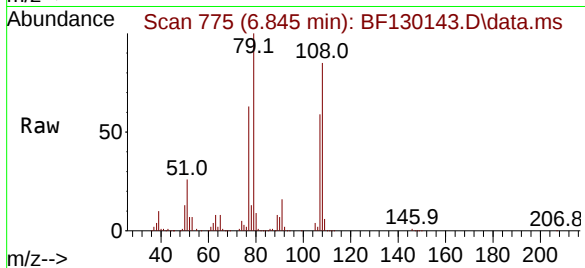




#15
Benzyl Alcohol
Concen: 32.487 ng
RT: 6.845 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

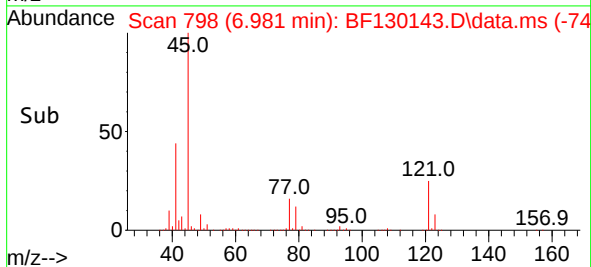
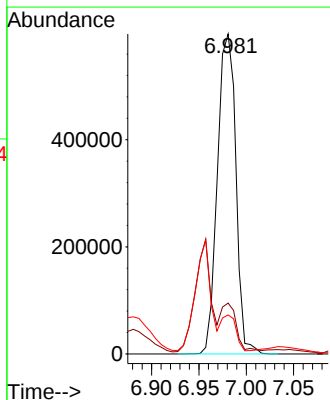
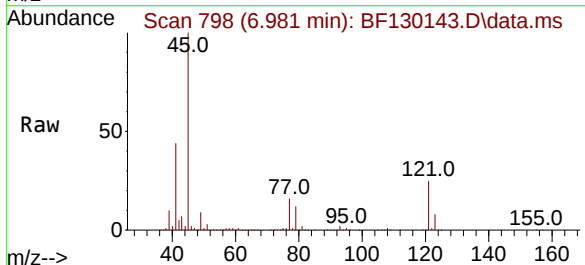
Instrument :
BNA_F
ClientSampleId :
PB147422BS

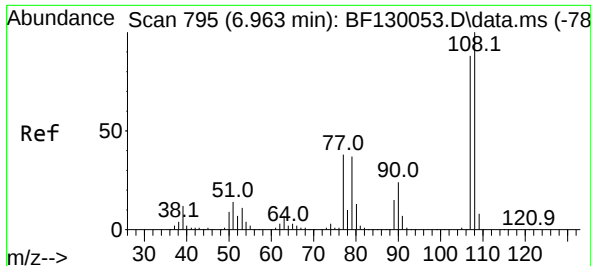
Tgt Ion: 79 Resp: 331603
Ion Ratio Lower Upper
79 100
108 84.7 59.2 88.8
77 63.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.733 ng
RT: 6.981 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 45 Resp: 808347
Ion Ratio Lower Upper
45 100
77 15.9 27.4 67.4#
79 12.2 24.4 64.4#

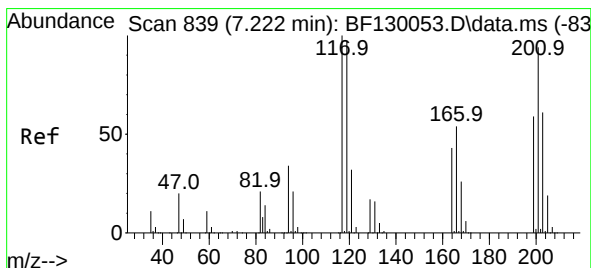
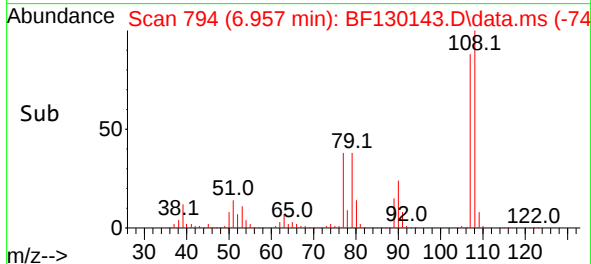
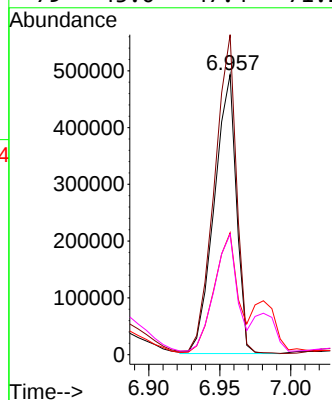
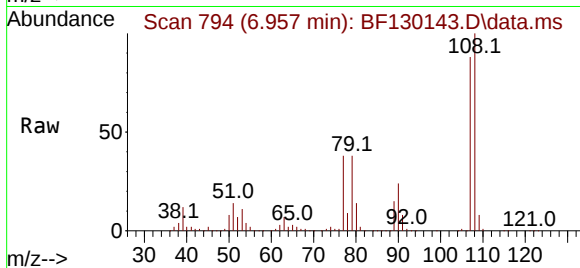




#17
2-Methylphenol
Concen: 47.441 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

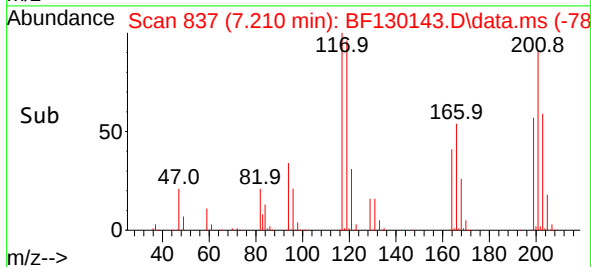
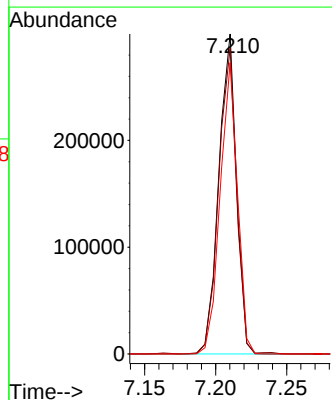
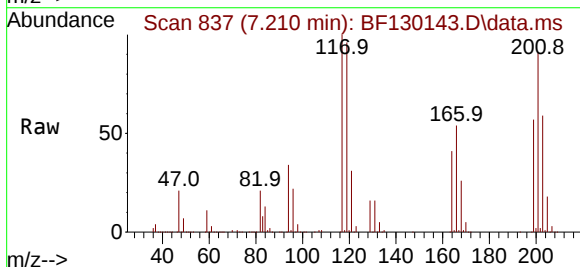
Instrument :
BNA_F
ClientSampleId :
PB147422BS

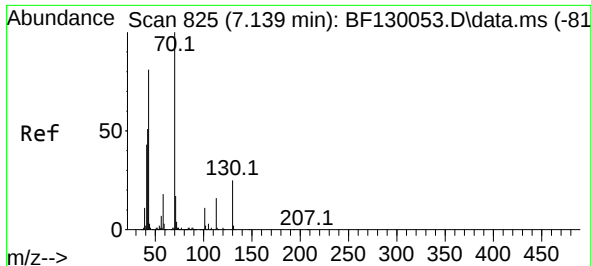
Tgt Ion:107 Resp: 532134
Ion Ratio Lower Upper
107 100
108 114.2 90.2 135.2
77 43.5 51.8 77.8#
79 43.0 47.4 71.2#



#18
Hexachloroethane
Concen: 47.934 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:117 Resp: 257686
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
201 91.1 66.6 100.0

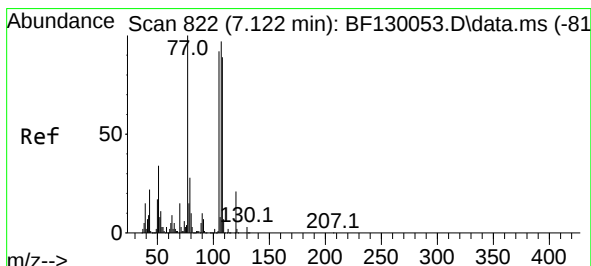
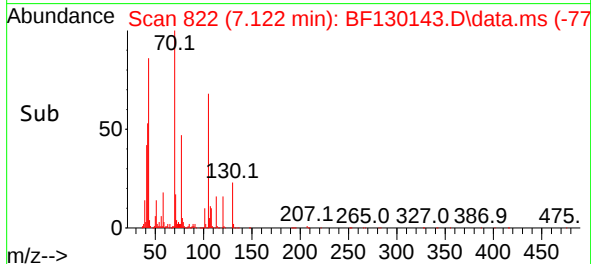
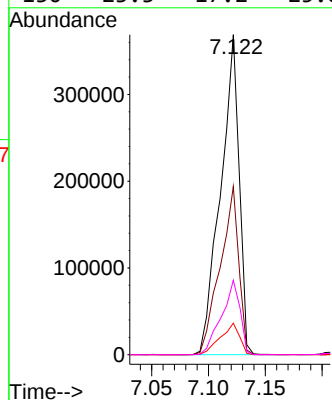
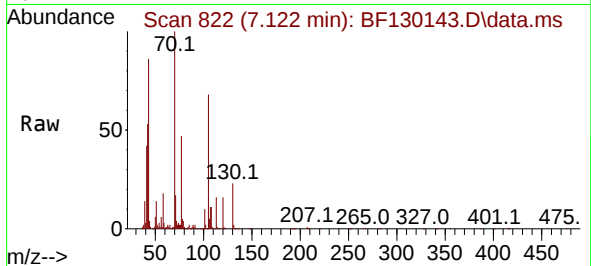




#19
n-Nitroso-di-n-propylamine
Concen: 46.002 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

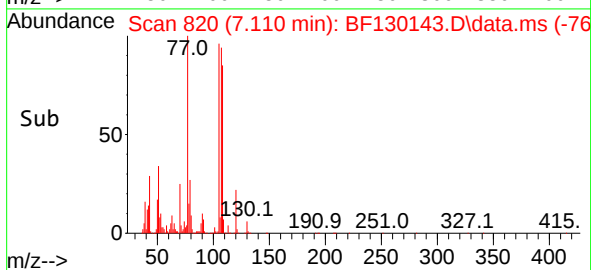
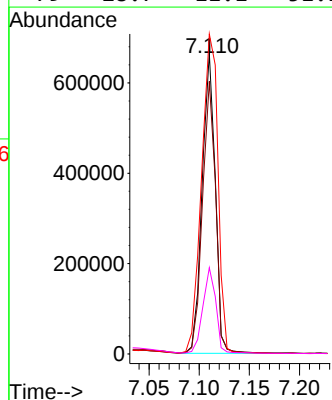
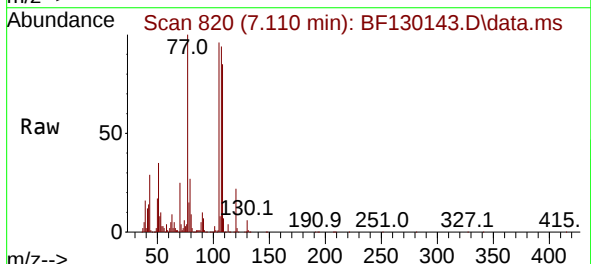
Instrument :
BNA_F
ClientSampleId :
PB147422BS

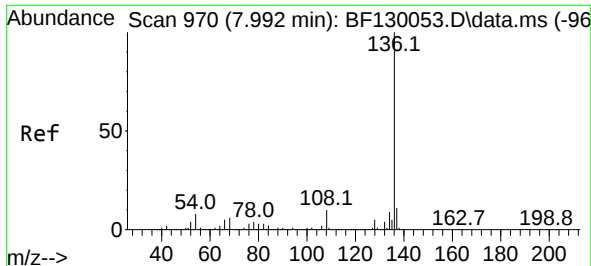
Tgt Ion: 70 Resp: 419679
Ion Ratio Lower Upper
70 100
42 52.6 47.6 71.4
101 9.9 8.1 12.1
130 23.3 17.2 25.8



#20
3+4-Methylphenols
Concen: 46.143 ng
RT: 7.110 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 107 Resp: 606956
Ion Ratio Lower Upper
107 100
108 90.7 71.3 111.3
77 106.4 20.4 60.4#
79 28.7 11.1 51.1

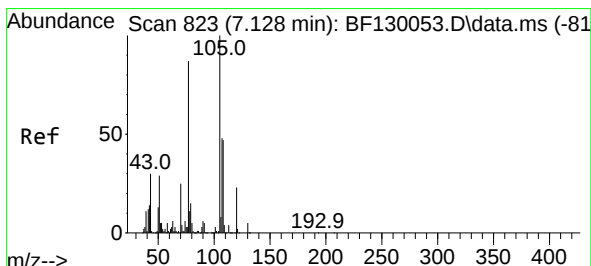
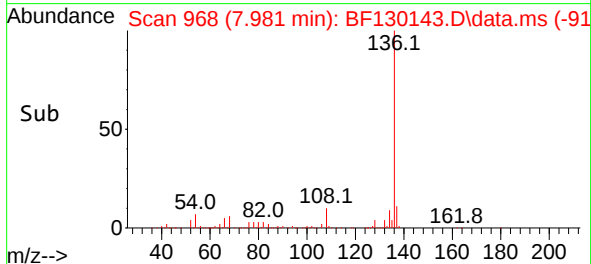
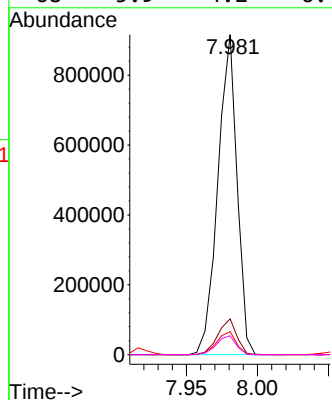
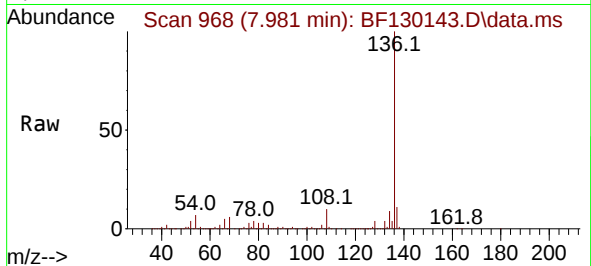




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

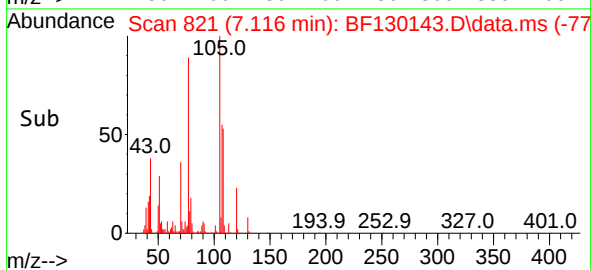
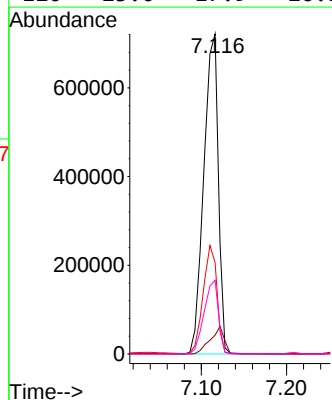
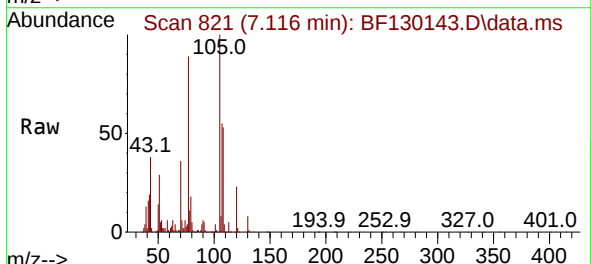
Instrument :
BNA_F
ClientSampleId :
PB147422BS

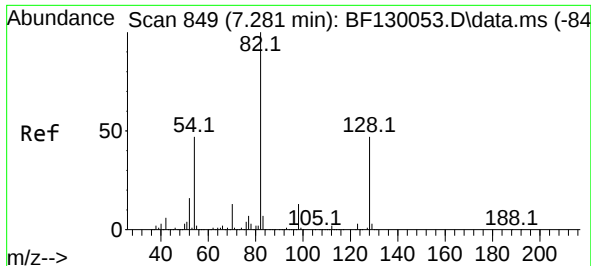
Tgt Ion:136 Resp: 857199
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.2 6.2 9.2
68 5.9 4.2 6.4



#22
Acetophenone
Concen: 44.592 ng
RT: 7.116 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:105 Resp: 853986
Ion Ratio Lower Upper
105 100
71 5.9 6.6 9.8#
51 28.6 23.8 35.8
120 23.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 92.822 ng

RT: 7.269 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

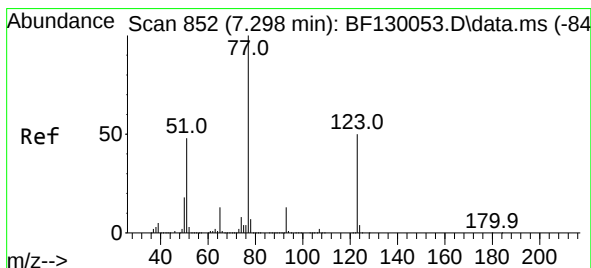
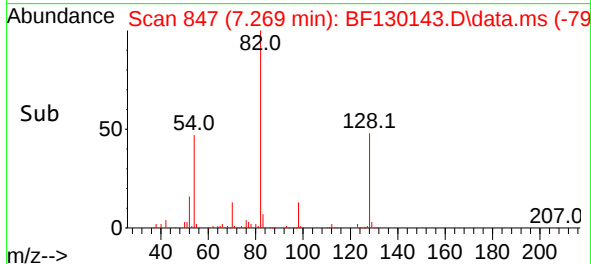
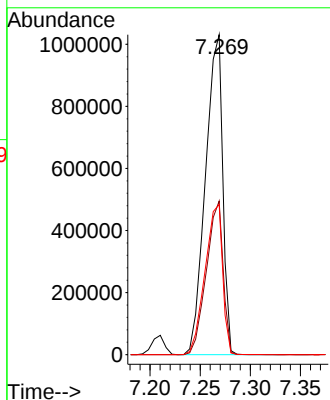
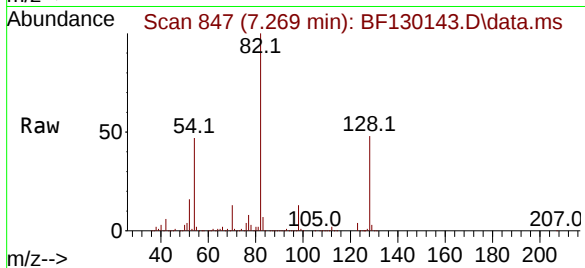
BNA_F

ClientSampleId :

PB147422BS

Tgt Ion: 82 Resp: 1238086

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	47.0	40.0	60.0



#24

Nitrobenzene

Concen: 46.915 ng

RT: 7.287 min Scan# 850

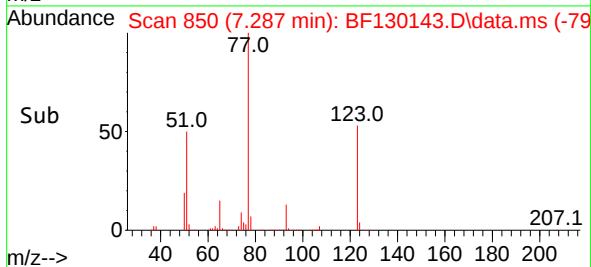
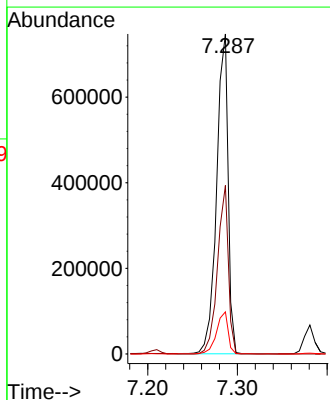
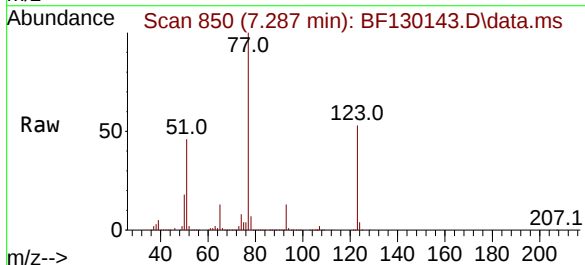
Delta R.T. 0.000 min

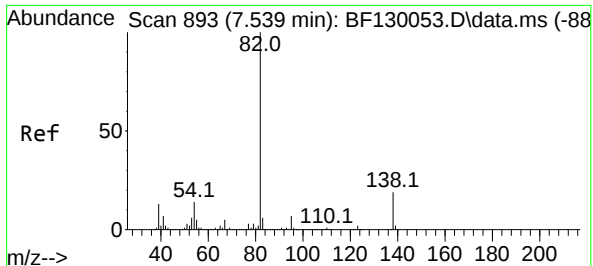
Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Tgt Ion: 77 Resp: 665503

Ion	Ratio	Lower	Upper
77	100		
123	52.6	39.2	58.8
65	13.2	11.1	16.7

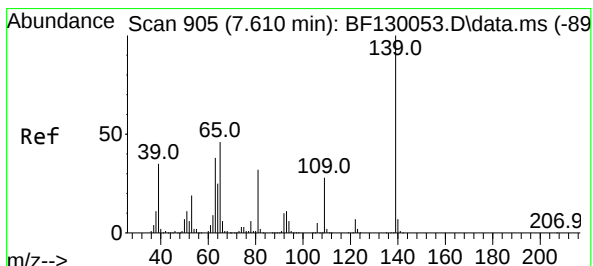
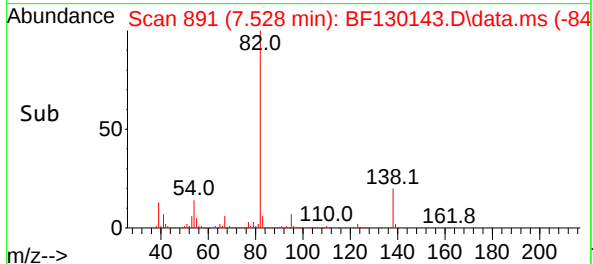
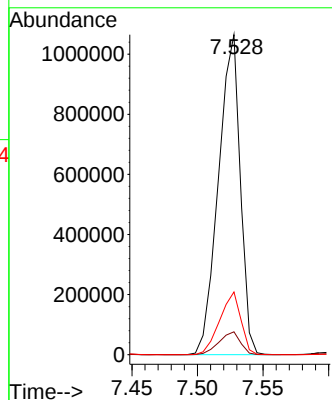
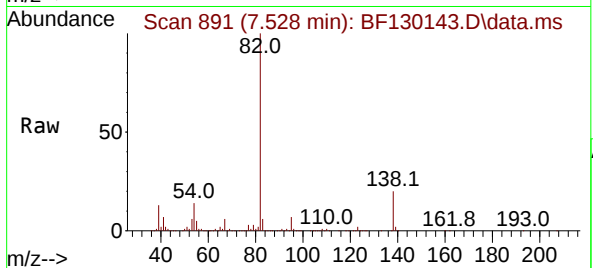




#25
Isophorone
Concen: 45.530 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

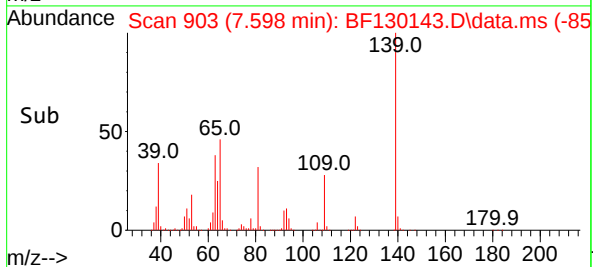
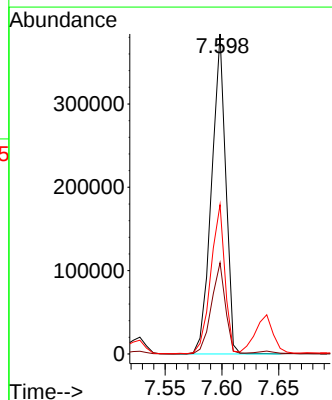
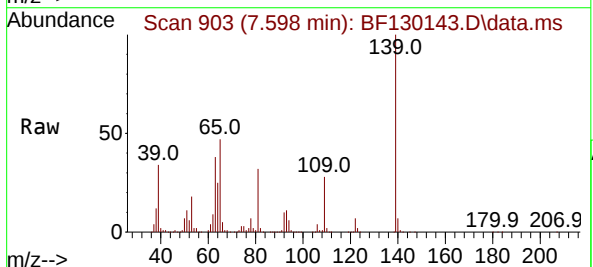
Instrument :
BNA_F
ClientSampleId :
PB147422BS

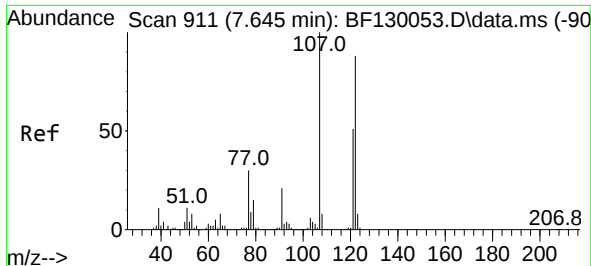
Tgt Ion: 82 Resp: 1229149
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.6 14.6 21.8



#26
2-Nitrophenol
Concen: 49.690 ng
RT: 7.598 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 139 Resp: 332008
Ion Ratio Lower Upper
139 100
109 28.5 24.4 36.6
65 46.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 52.705 ng

RT: 7.640 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

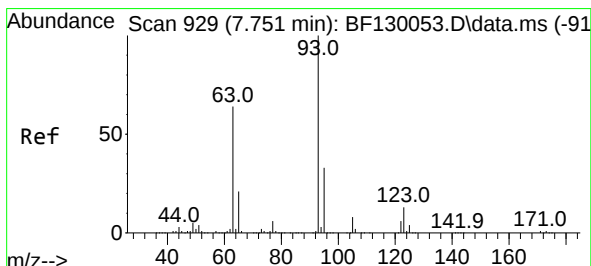
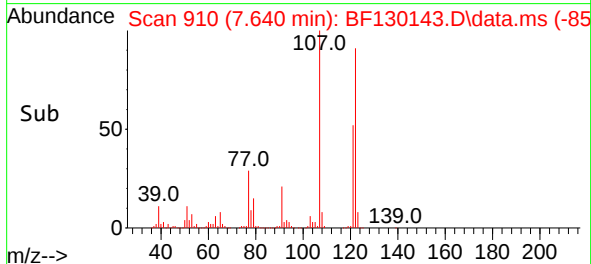
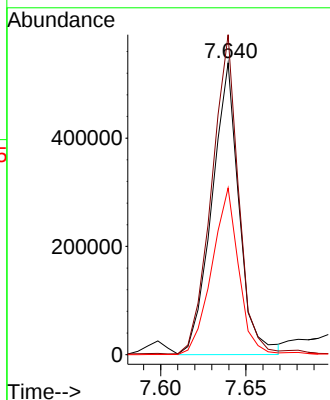
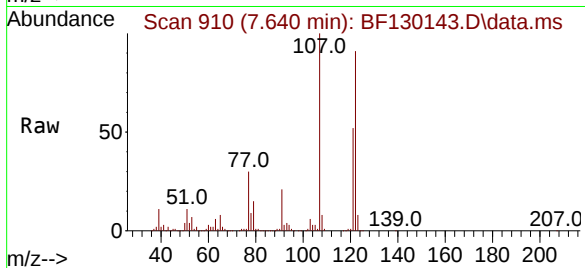
Tgt Ion:122 Resp: 597038

Ion Ratio Lower Upper

122 100

107 109.7 92.2 138.4

121 57.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.266 ng

RT: 7.740 min Scan# 927

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

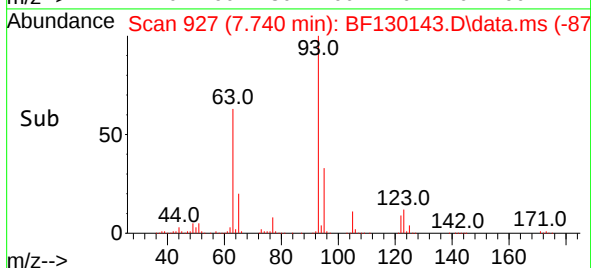
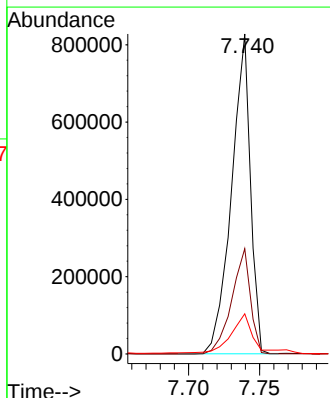
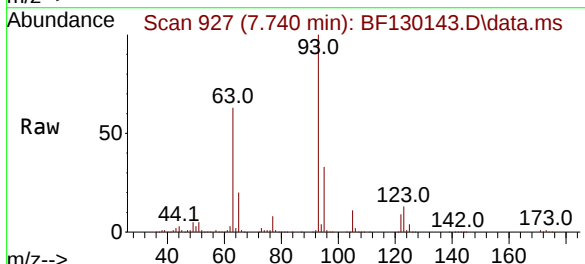
Tgt Ion: 93 Resp: 766505

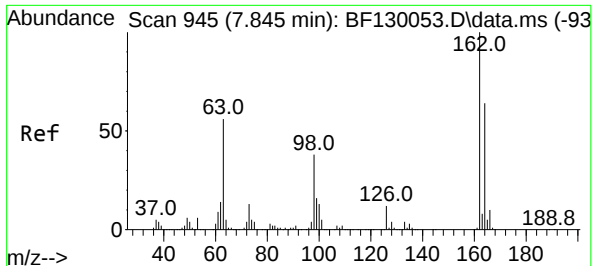
Ion Ratio Lower Upper

93 100

95 32.9 25.6 38.4

123 12.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.492 ng

RT: 7.840 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

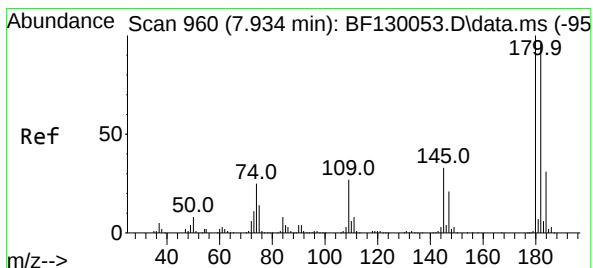
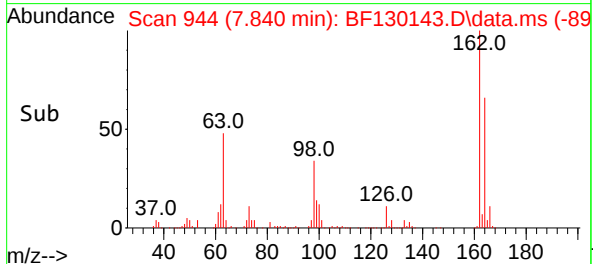
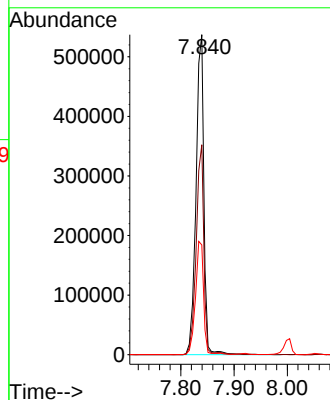
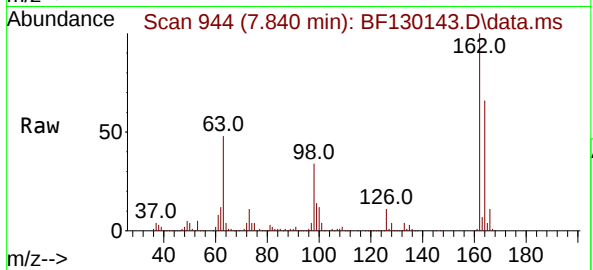
Tgt Ion:162 Resp: 551224

Ion Ratio Lower Upper

162 100

164 65.6 43.7 83.7

98 34.3 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.225 ng

RT: 7.922 min Scan# 958

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

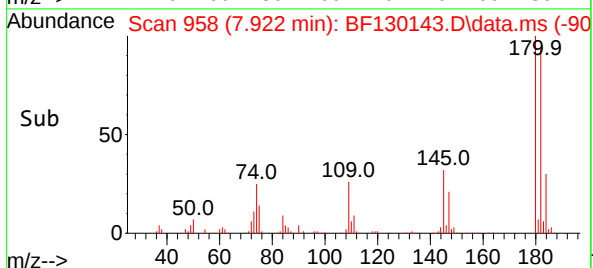
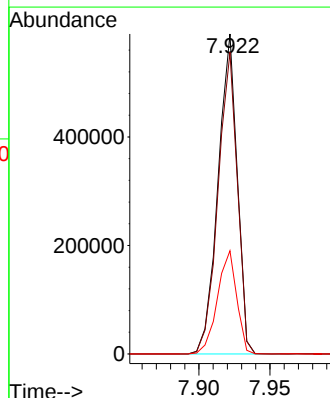
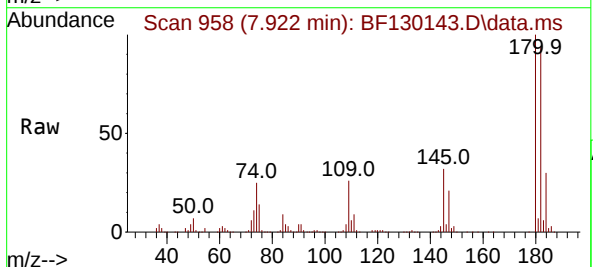
Tgt Ion:180 Resp: 552251

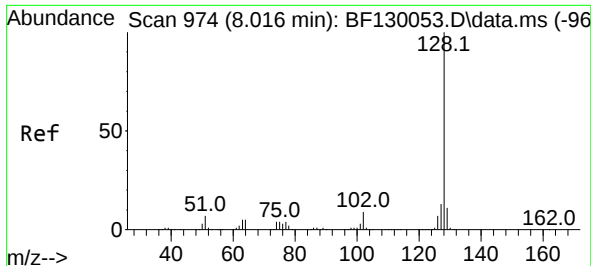
Ion Ratio Lower Upper

180 100

182 94.3 77.6 116.4

145 32.2 25.6 38.4

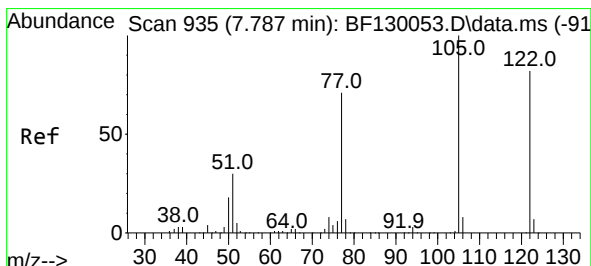
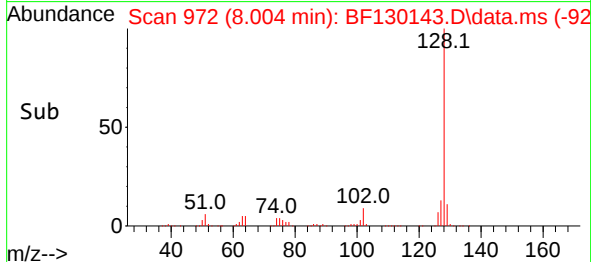
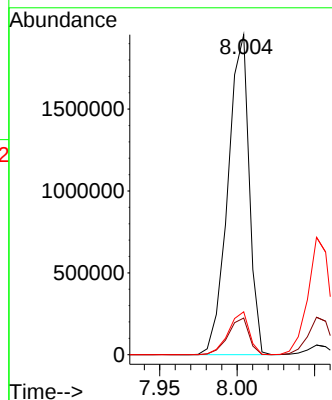
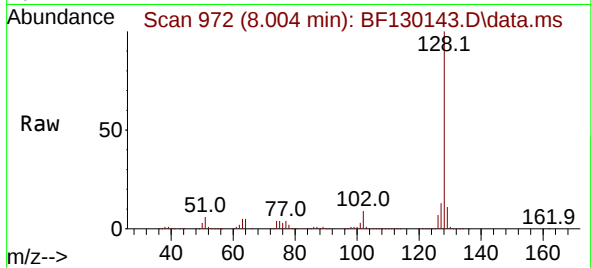




#31
Naphthalene
Concen: 43.137 ng
RT: 8.004 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

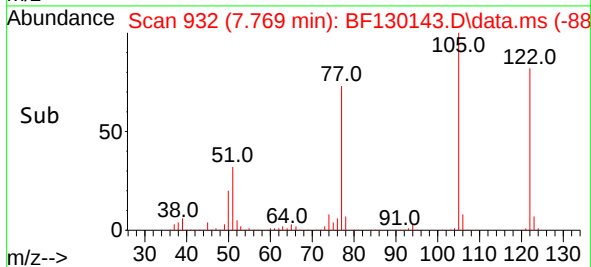
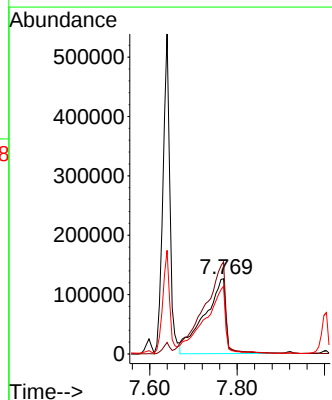
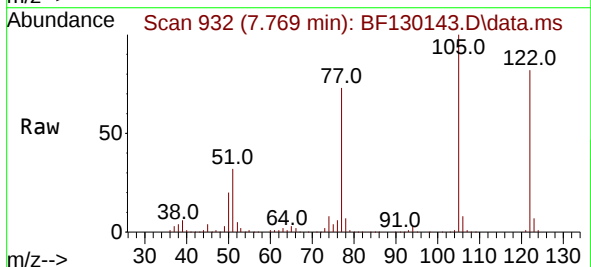
Instrument :
BNA_F
ClientSampleId :
PB147422BS

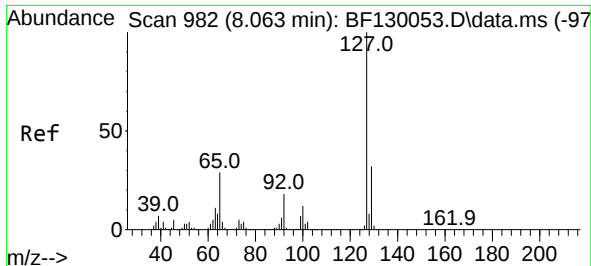
Tgt Ion:128 Resp: 1864955
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 47.109 ng
RT: 7.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:122 Resp: 434405
Ion Ratio Lower Upper
122 100
105 122.5 99.9 139.9
77 90.0 65.9 105.9

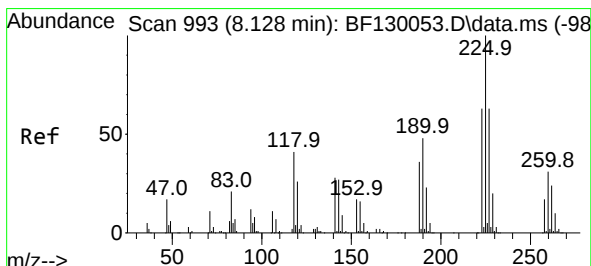
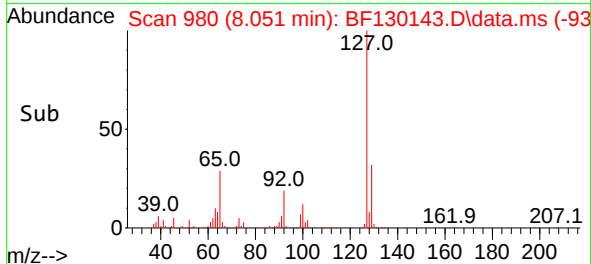
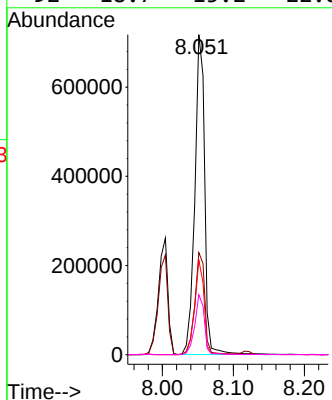
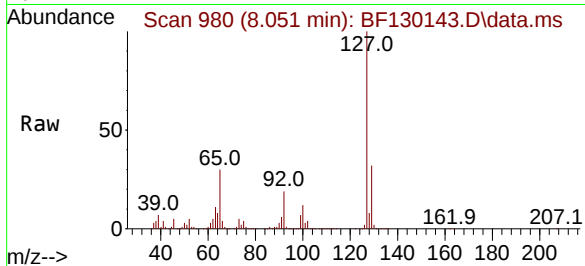




#33
4-Chloroaniline
Concen: 39.816 ng
RT: 8.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

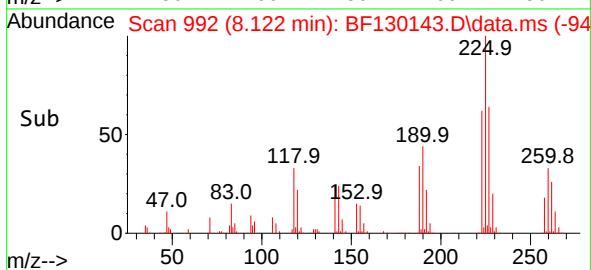
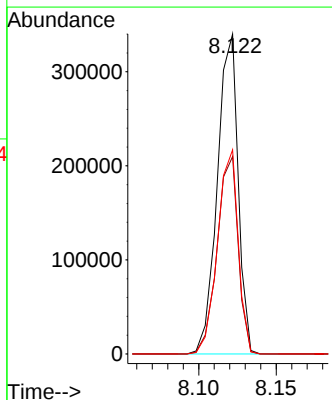
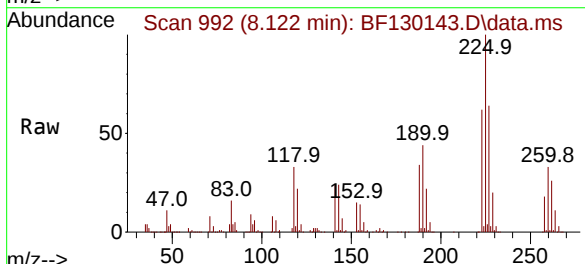
Instrument :
BNA_F
ClientSampleId :
PB147422BS

Tgt Ion:	127	Resp:	695452
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.7	40.1
65	29.5	24.2	36.2
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.329 ng
RT: 8.122 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:	225	Resp:	317037
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	63.8	50.6	75.8

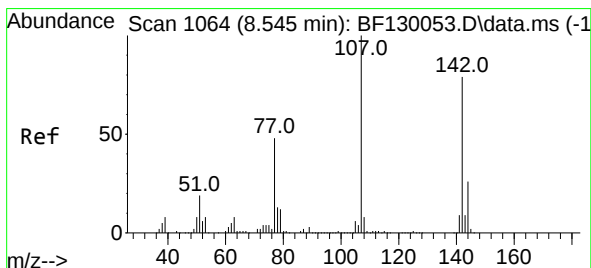
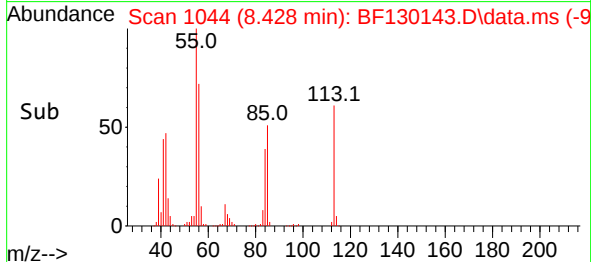
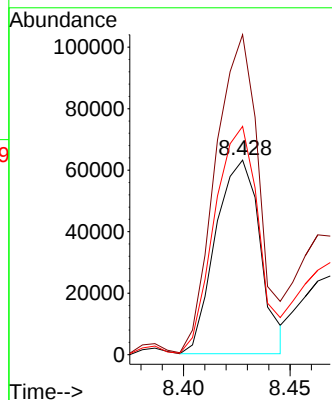
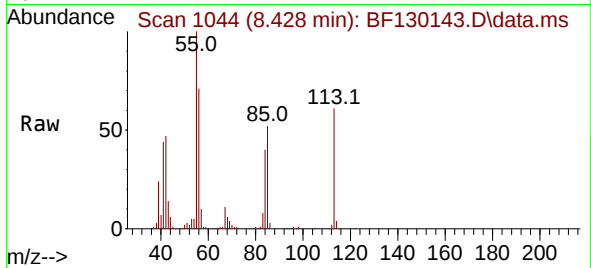




#35
 Caprolactam
 Concen: 24.508 ng
 RT: 8.428 min Scan# 1044
 Delta R.T. -0.012 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

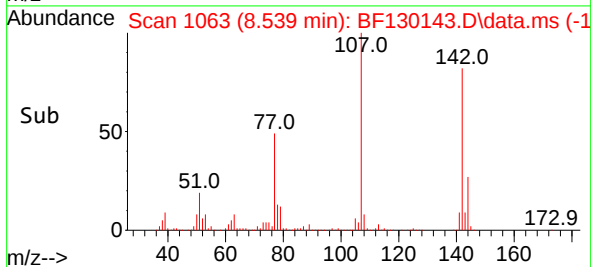
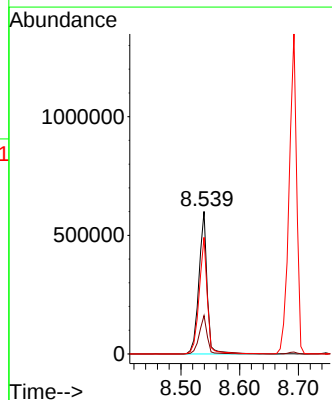
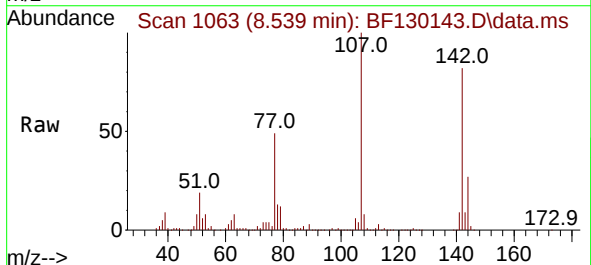
Instrument :
 BNA_F
 ClientSampleId :
 PB147422BS

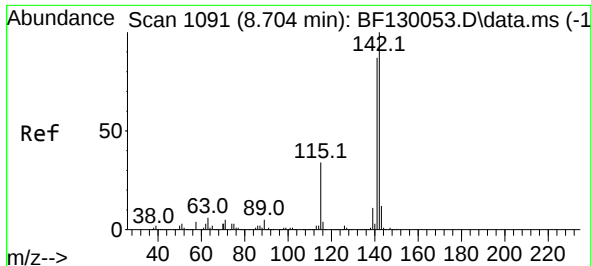
Tgt Ion:113 Resp: 92023
 Ion Ratio Lower Upper
 113 100
 55 164.4 148.8 188.8
 56 117.3 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.803 ng
 RT: 8.539 min Scan# 1063
 Delta R.T. 0.006 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

Tgt Ion:107 Resp: 586113
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.9 29.9
 142 81.8 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.343 ng

RT: 8.692 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

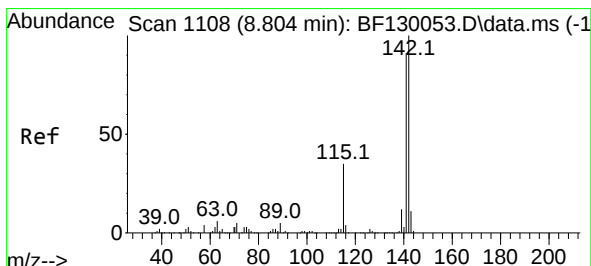
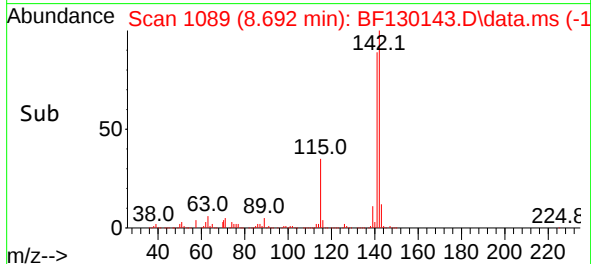
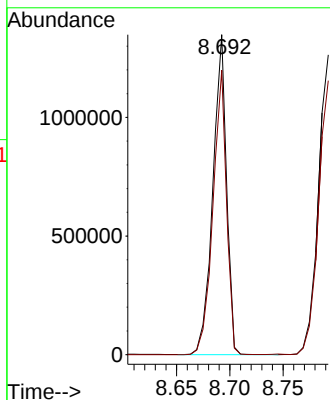
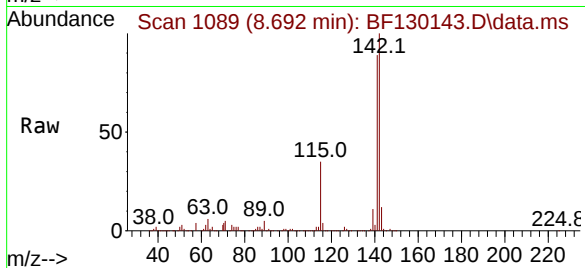
PB147422BS

Tgt Ion:142 Resp: 1207082

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3



#38

1-Methylnaphthalene

Concen: 42.508 ng

RT: 8.792 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130143.D

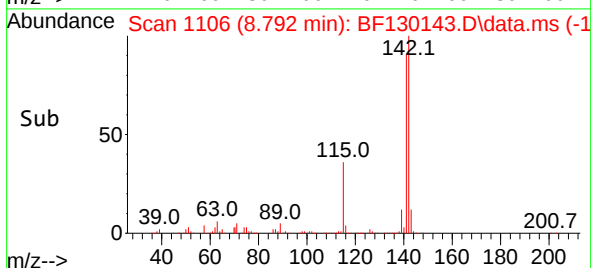
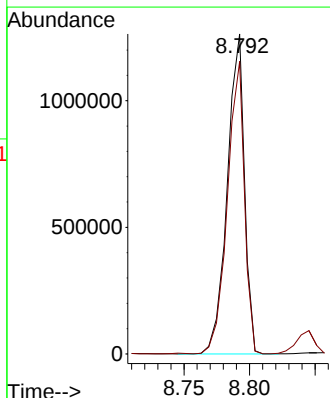
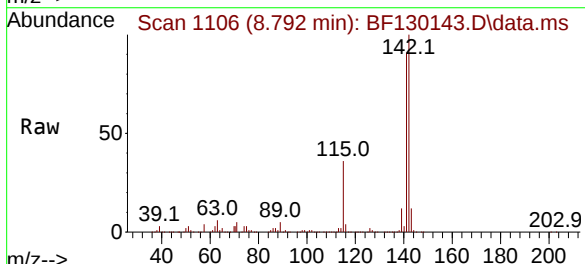
Acq: 06 Sep 2022 18:08

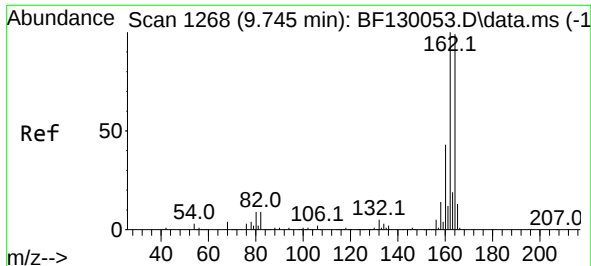
Tgt Ion:142 Resp: 1150657

Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3

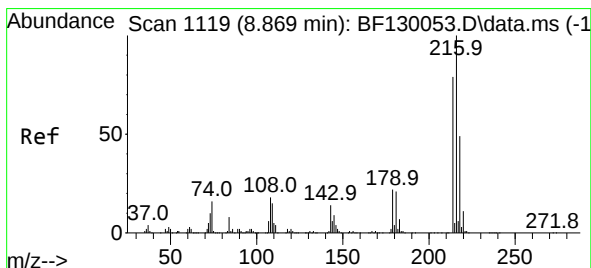
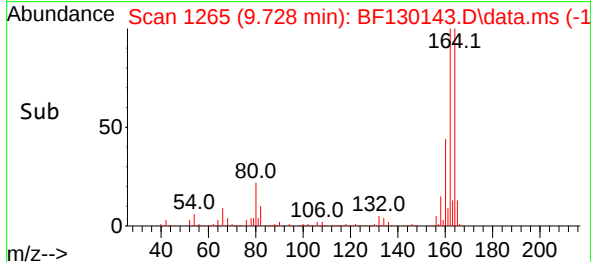
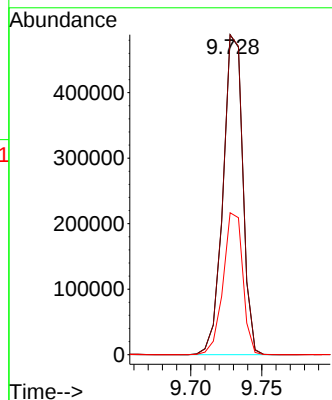
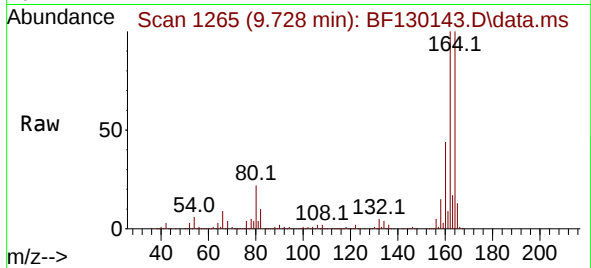




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

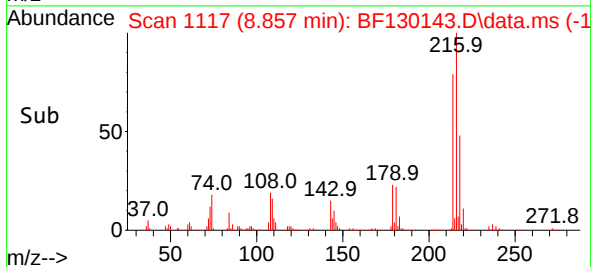
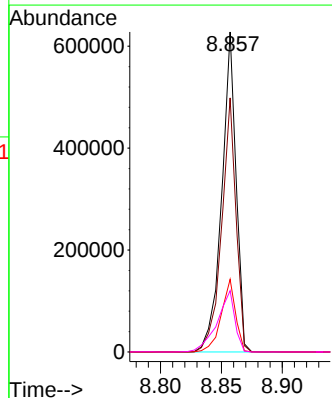
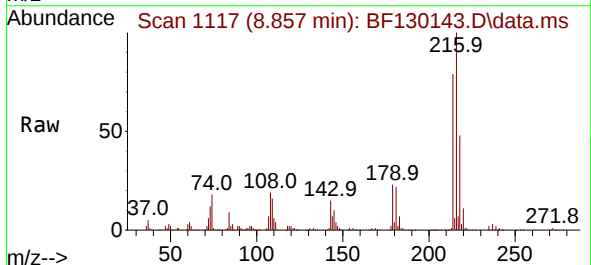
Instrument :
BNA_F
ClientSampleId :
PB147422BS

Tgt Ion:164 Resp: 470626
Ion Ratio Lower Upper
164 100
162 100.0 82.0 123.0
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.024 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:216 Resp: 515723
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 22.7 18.1 27.1
108 23.6 15.9 23.9

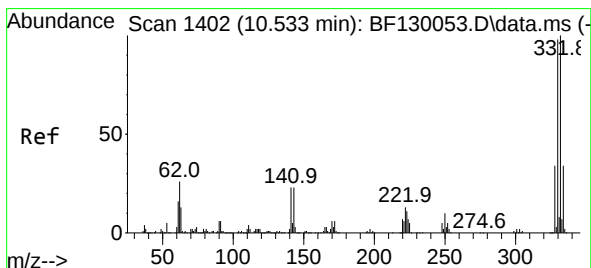
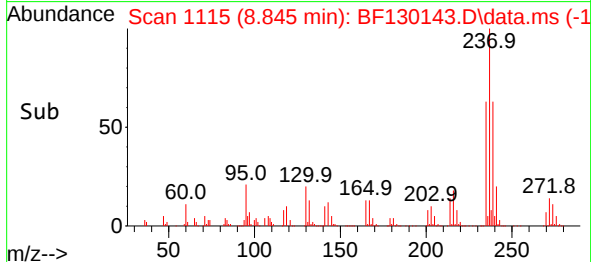
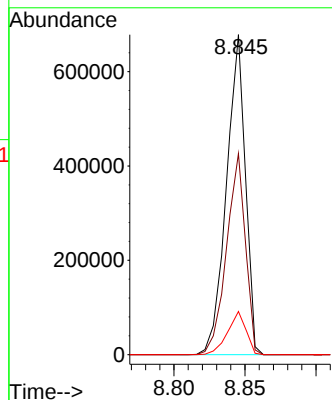
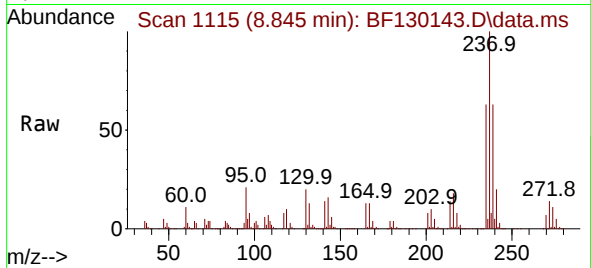




#41
Hexachlorocyclopentadiene
Concen: 97.942 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

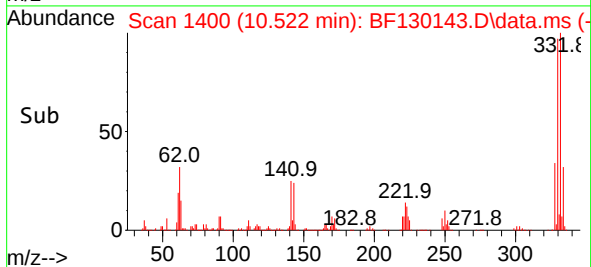
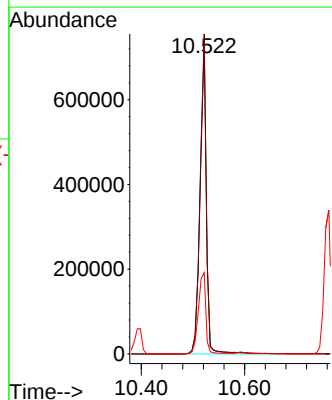
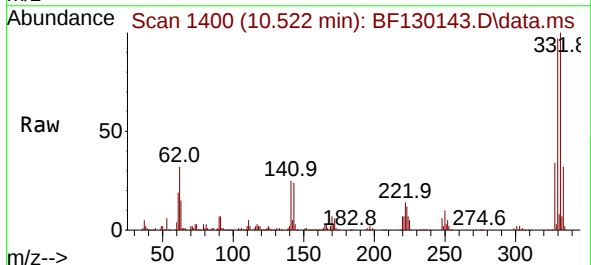
Instrument :
BNA_F
ClientSampleId :
PB147422BS

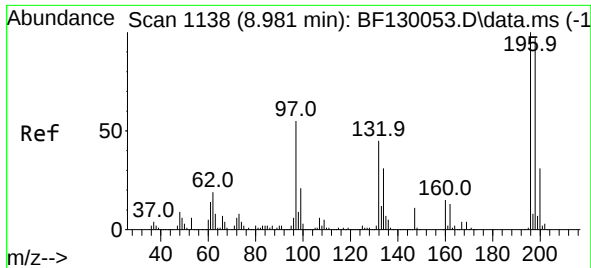
Tgt Ion:237 Resp: 628156
Ion Ratio Lower Upper
237 100
235 62.9 41.5 81.5
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 144.708 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:330 Resp: 619931
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 31.3 27.6 41.4

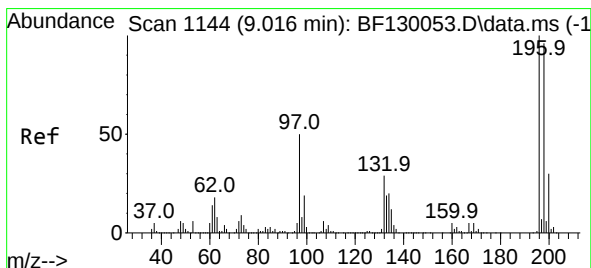
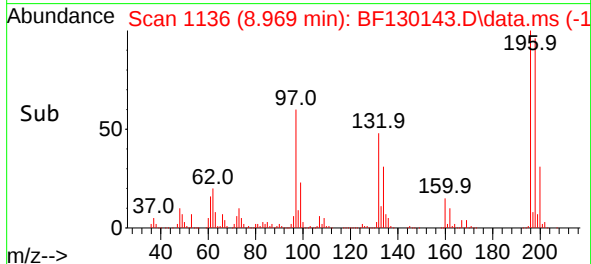
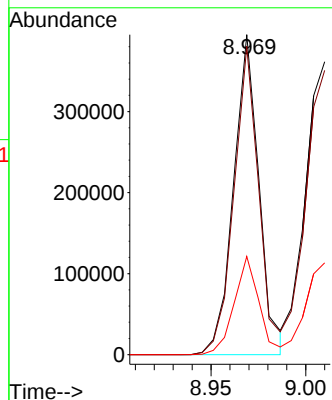
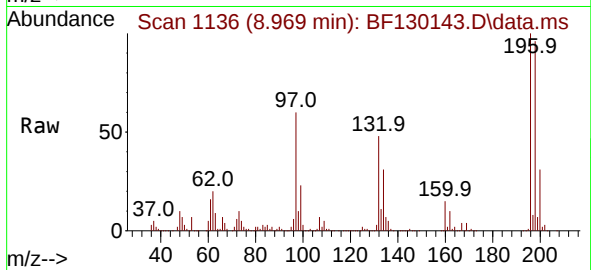




#43
2,4,6-Trichlorophenol
Concen: 41.994 ng
RT: 8.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

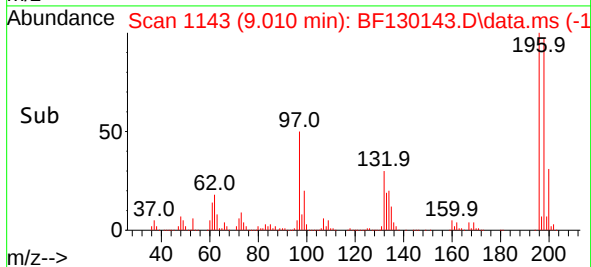
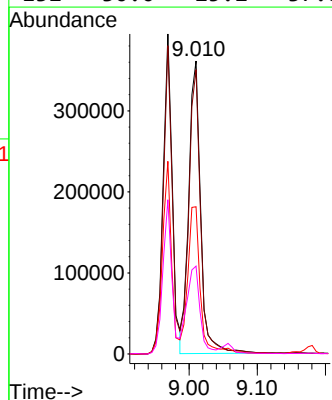
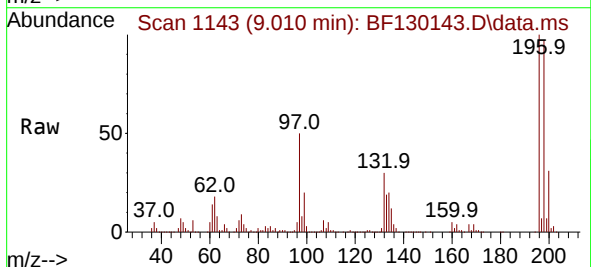
Instrument :
BNA_F
ClientSampleId :
PB147422BS

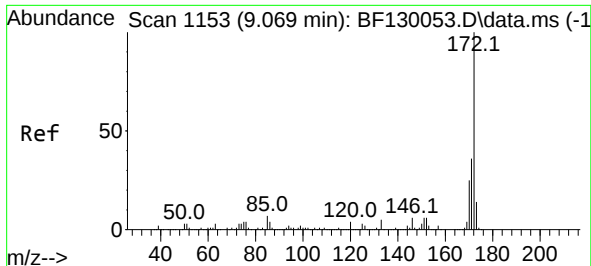
Tgt Ion:196 Resp: 367857
Ion Ratio Lower Upper
196 100
198 96.4 79.0 118.4
200 30.7 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 45.934 ng
RT: 9.010 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:196 Resp: 436127
Ion Ratio Lower Upper
196 100
198 97.0 76.4 114.6
97 50.2 46.5 69.7
132 30.0 25.2 37.8

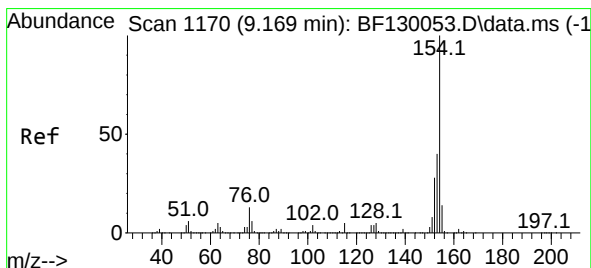
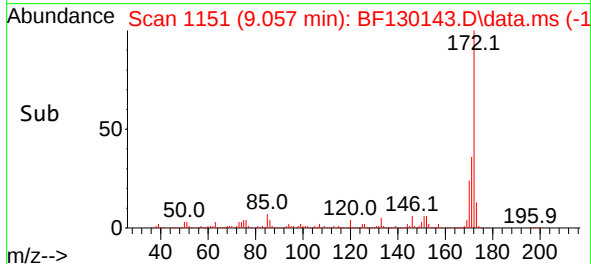
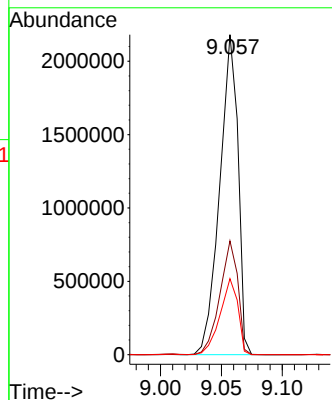
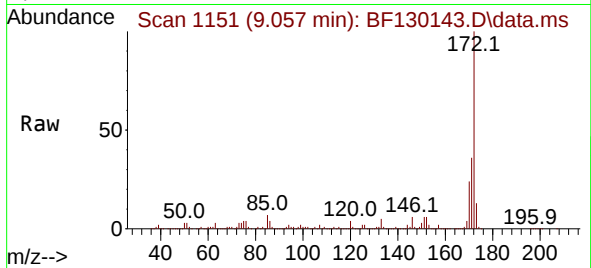




#45
2-Fluorobiphenyl
Concen: 80.304 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

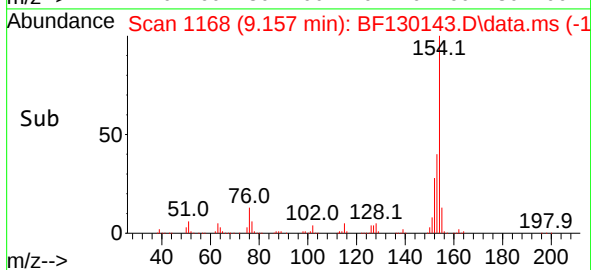
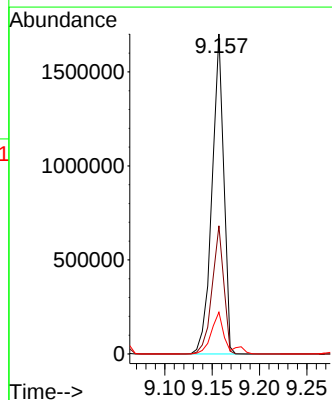
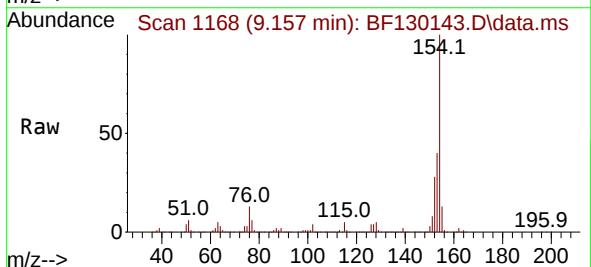
Instrument :
BNA_F
ClientSampleId :
PB147422BS

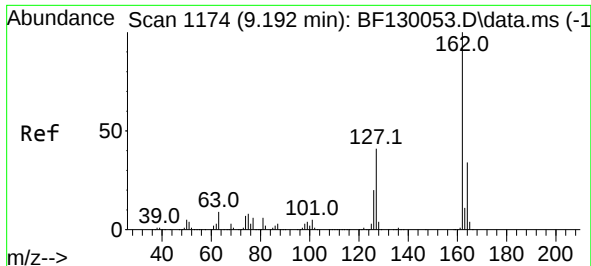
Tgt Ion:172 Resp: 2279510
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.845 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:154 Resp: 1464909
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 13.0 0.0 32.1





#47

2-Chloronaphthalene

Concen: 42.282 ng

RT: 9.181 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

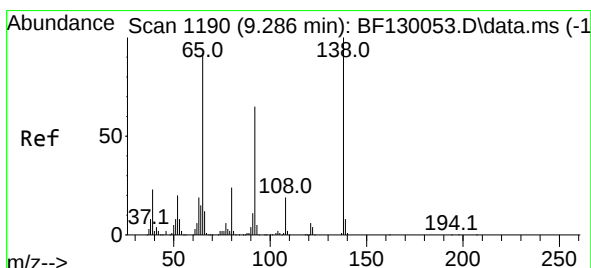
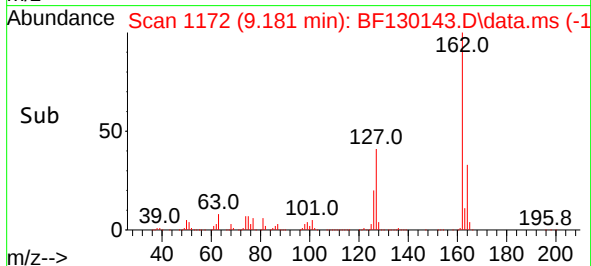
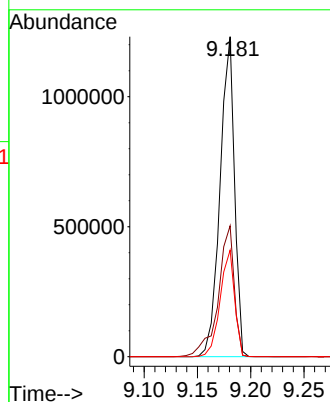
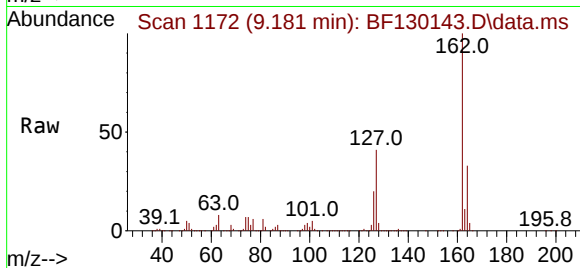
Tgt Ion:162 Resp: 1158334

Ion Ratio Lower Upper

162 100

127 40.9 33.1 49.7

164 33.3 26.7 40.1



#48

2-Nitroaniline

Concen: 52.949 ng

RT: 9.281 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

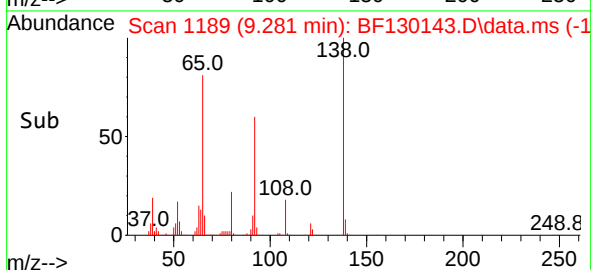
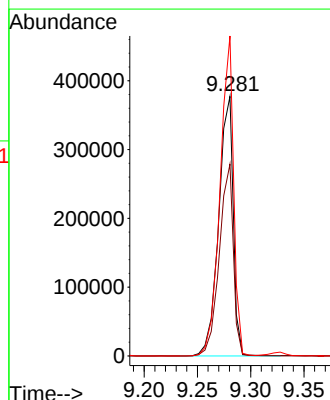
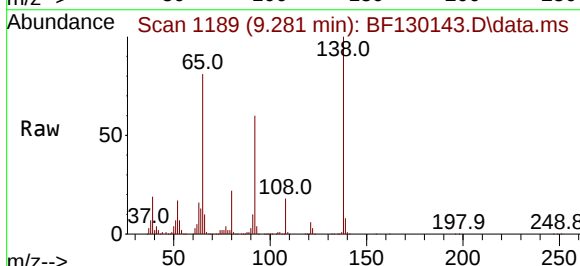
Tgt Ion: 65 Resp: 357453

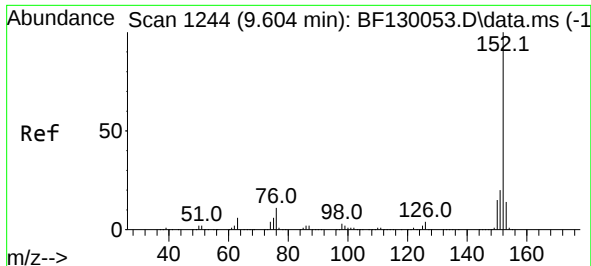
Ion Ratio Lower Upper

65 100

92 73.9 55.0 82.4

138 123.3 81.3 121.9#





#49

Acenaphthylene

Concen: 42.542 ng

RT: 9.592 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

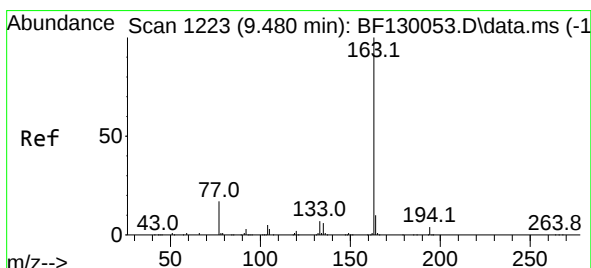
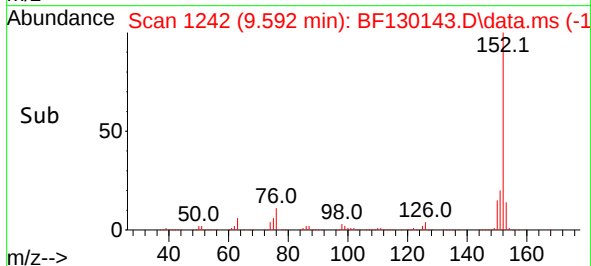
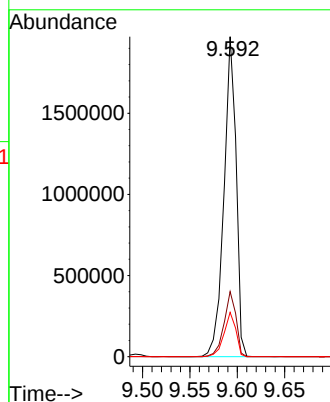
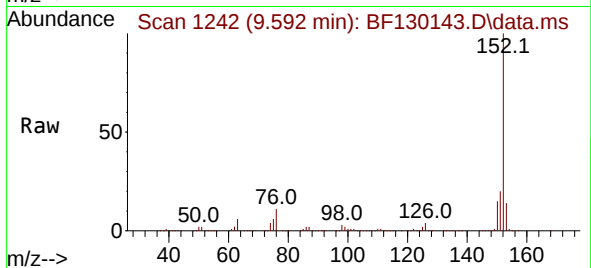
Tgt Ion:152 Resp: 1769755

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 13.9 10.6 16.0



#50

Dimethylphthalate

Concen: 43.181 ng

RT: 9.463 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

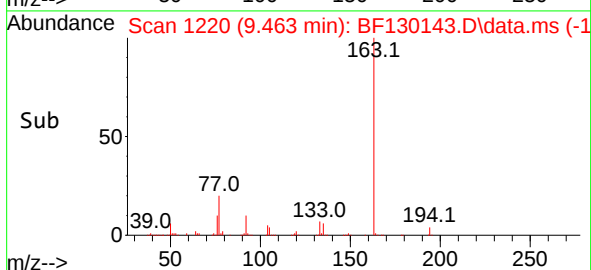
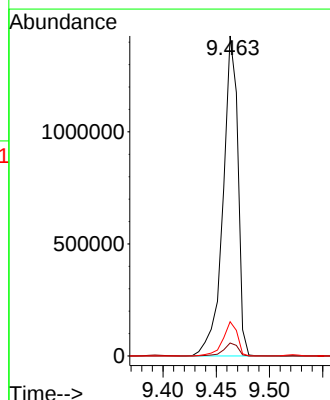
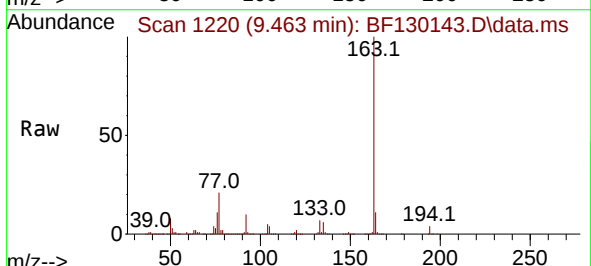
Tgt Ion:163 Resp: 1384179

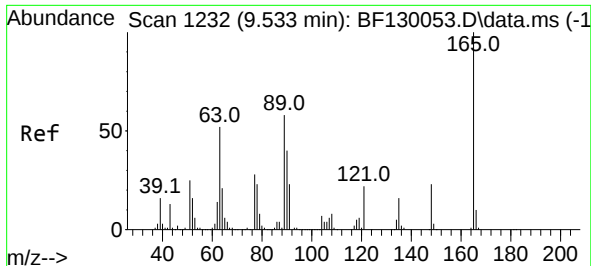
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.7 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 50.196 ng

RT: 9.522 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

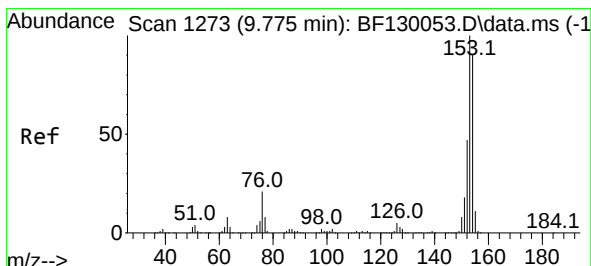
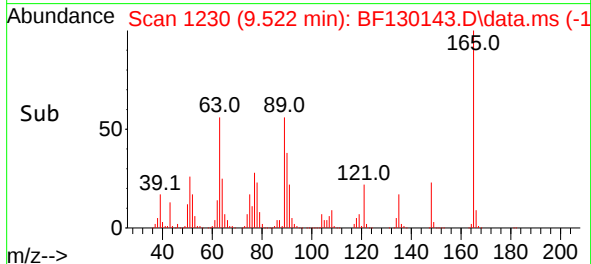
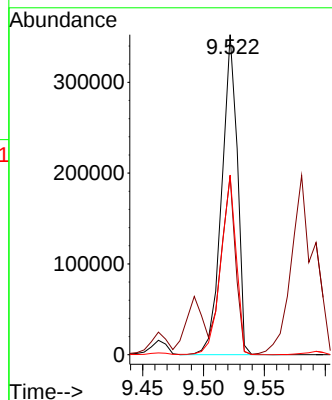
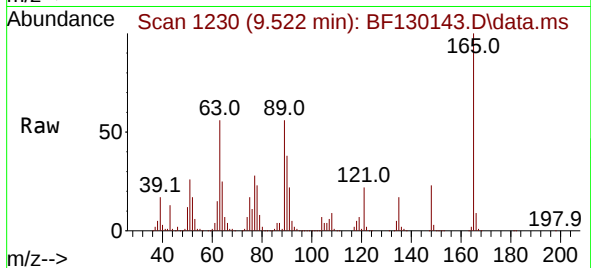
Tgt Ion:165 Resp: 313712

Ion Ratio Lower Upper

165 100

63 55.8 47.8 71.8

89 56.1 47.2 70.8



#52

Acenaphthene

Concen: 40.571 ng

RT: 9.763 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

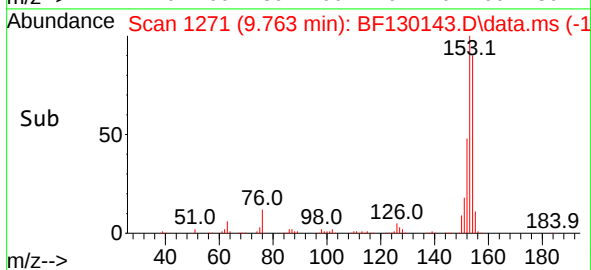
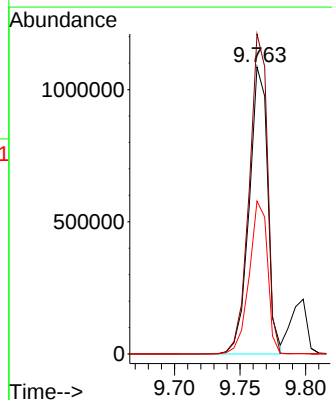
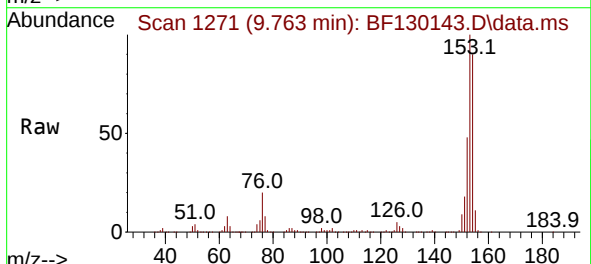
Tgt Ion:154 Resp: 1063667

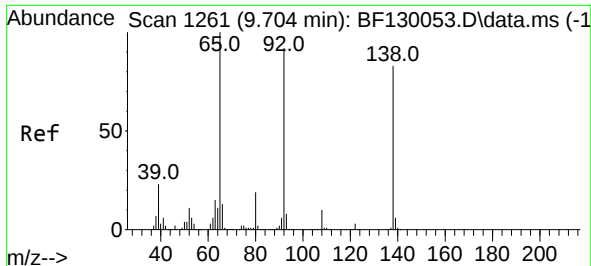
Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.6

152 53.2 42.1 63.1

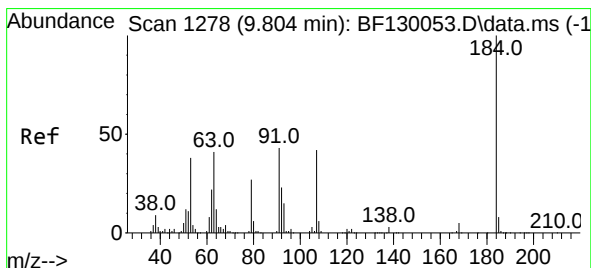
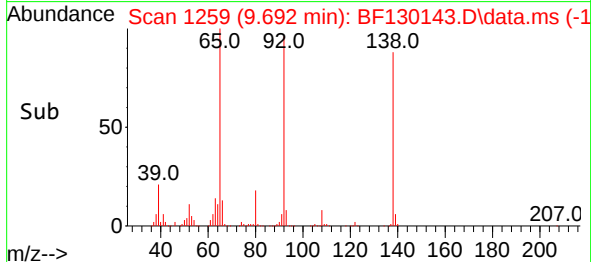
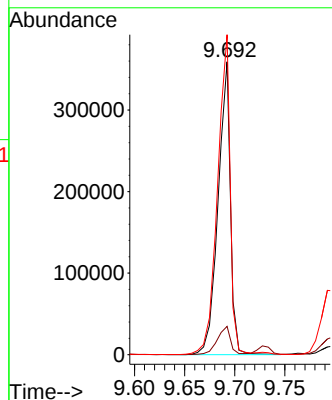
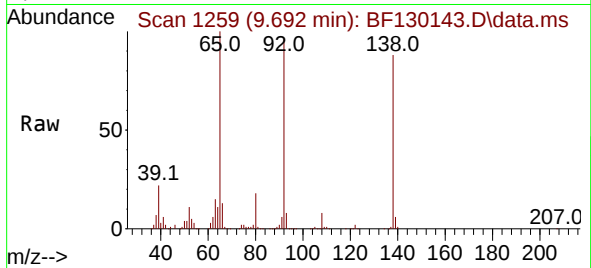




#53
3-Nitroaniline
Concen: 42.831 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

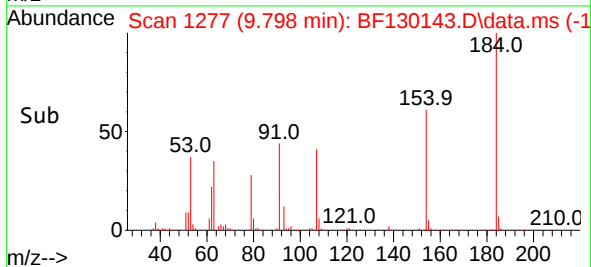
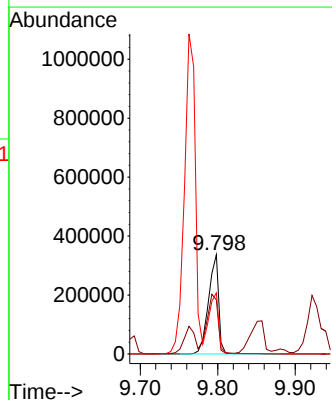
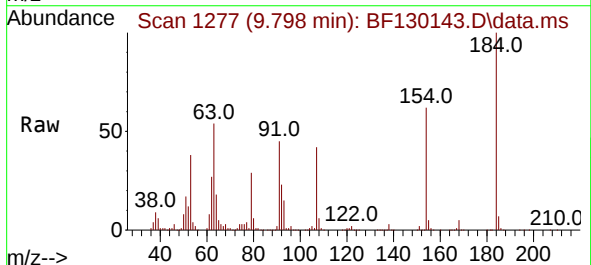
Instrument :
BNA_F
ClientSampleId :
PB147422BS

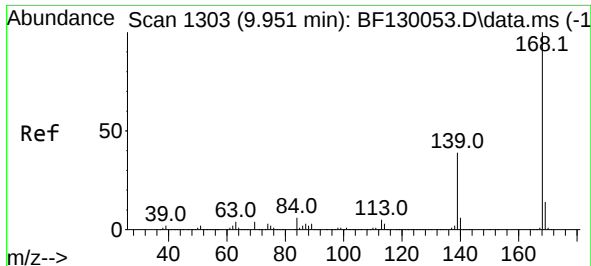
Tgt Ion:138 Resp: 307248
Ion Ratio Lower Upper
138 100
108 9.7 8.4 12.6
92 109.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 105.424 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:184 Resp: 307247
Ion Ratio Lower Upper
184 100
63 54.5 59.6 89.4#
154 61.5 55.3 82.9





#55

Dibenzofuran

Concen: 43.352 ng

RT: 9.939 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

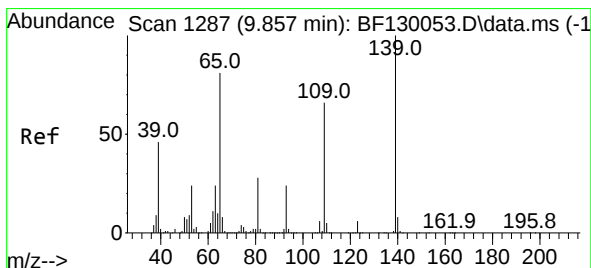
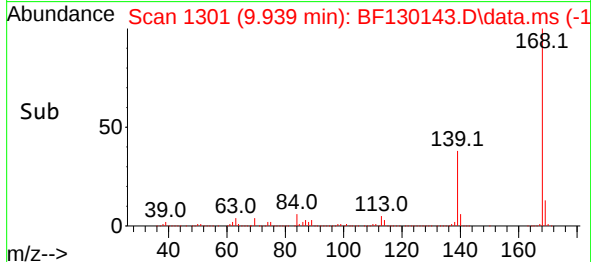
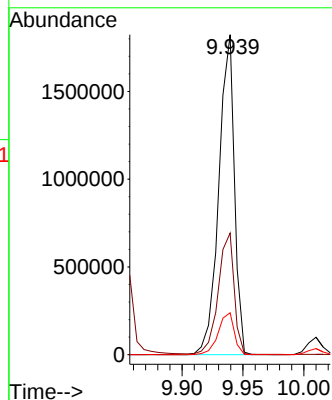
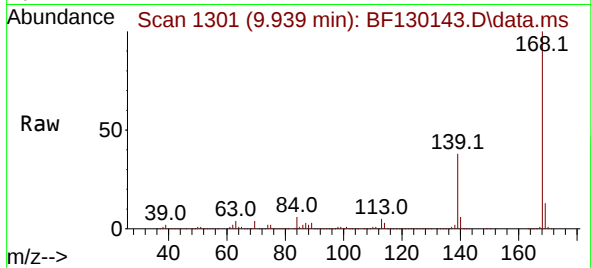
Tgt Ion:168 Resp: 1627539

Ion Ratio Lower Upper

168 100

139 38.0 31.3 46.9

169 13.1 10.7 16.1



#56

4-Nitrophenol

Concen: 99.742 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.012 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

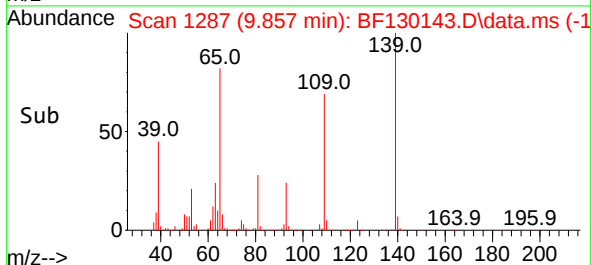
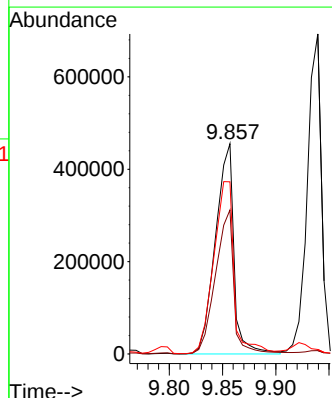
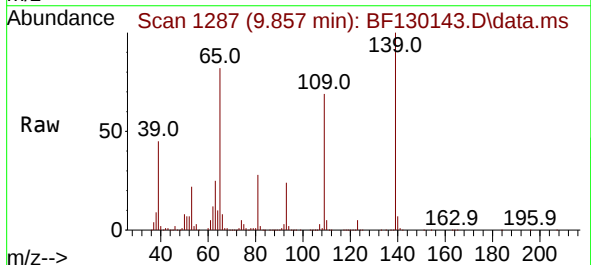
Tgt Ion:139 Resp: 551624

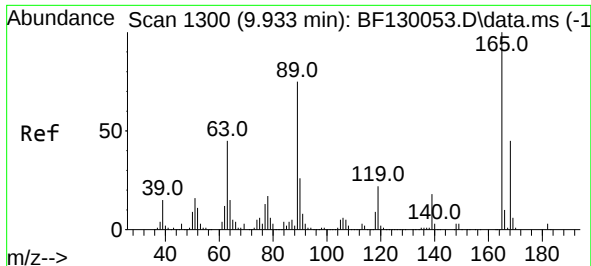
Ion Ratio Lower Upper

139 100

109 68.5 52.9 92.9

65 81.9 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 57.447 ng

RT: 9.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

Tgt Ion:165 Resp: 413362

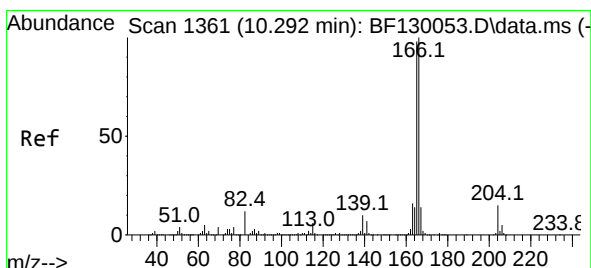
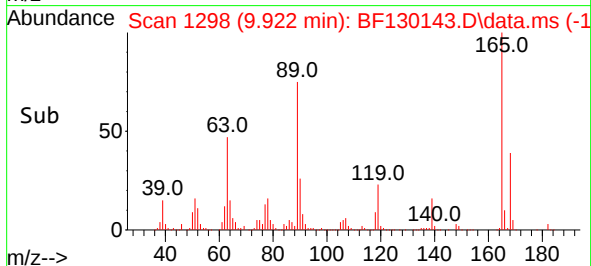
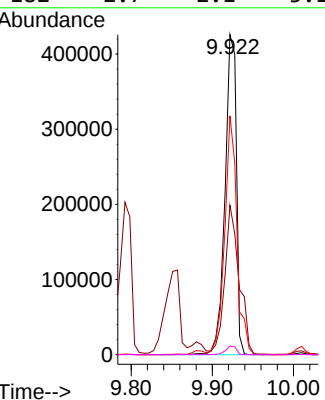
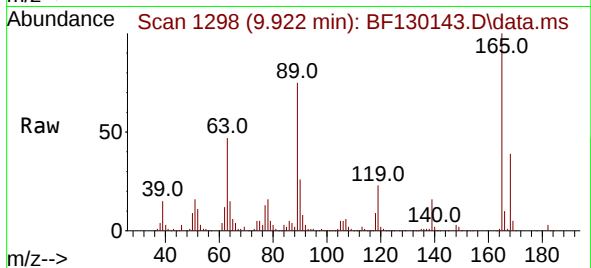
Ion Ratio Lower Upper

165 100

63 46.7 48.4 72.6#

89 74.6 62.3 93.5

182 2.7 2.1 3.1



#58

Fluorene

Concen: 42.249 ng

RT: 10.281 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

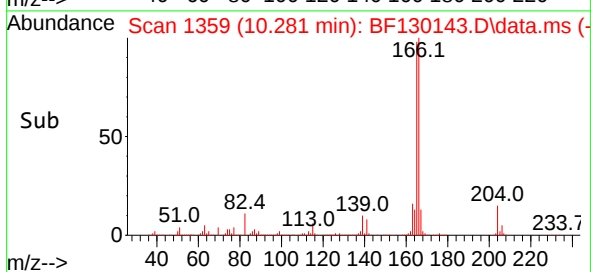
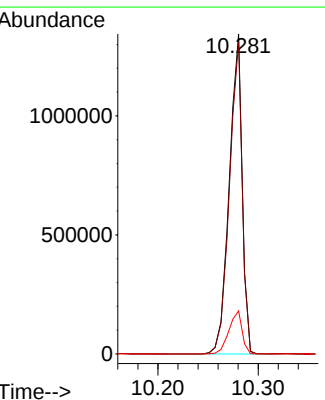
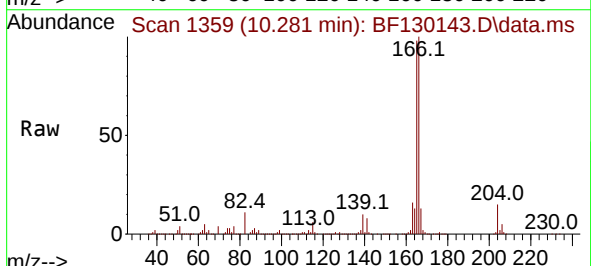
Tgt Ion:166 Resp: 1206837

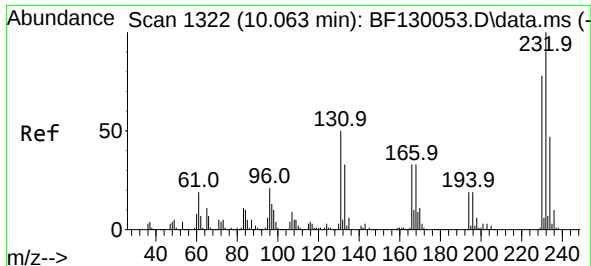
Ion Ratio Lower Upper

166 100

165 97.5 77.9 116.9

167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.843 ng

RT: 10.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

Tgt Ion:232 Resp: 338063

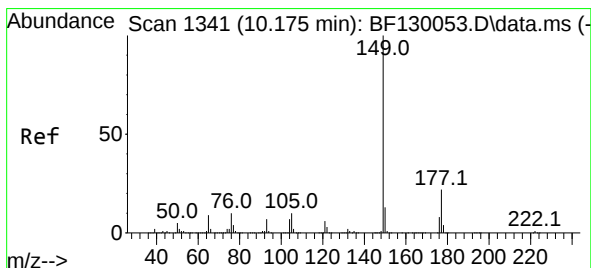
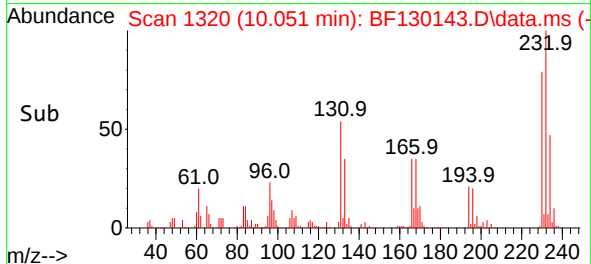
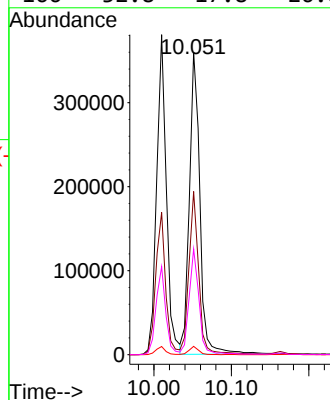
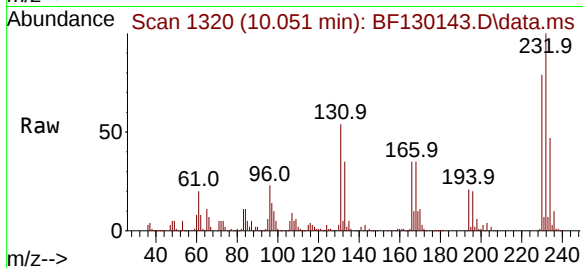
Ion Ratio Lower Upper

232 100

131 49.9 29.9 44.9#

130 2.5 1.5 2.3#

166 32.8 17.8 26.8#



#60

Diethylphthalate

Concen: 43.589 ng

RT: 10.163 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

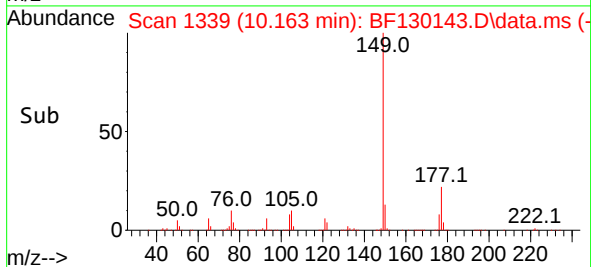
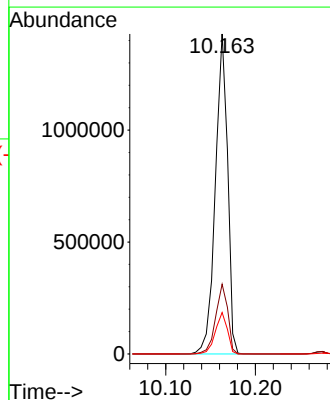
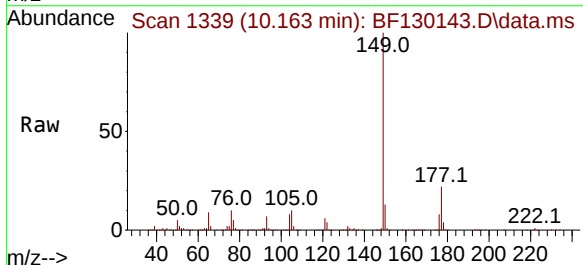
Tgt Ion:149 Resp: 1351756

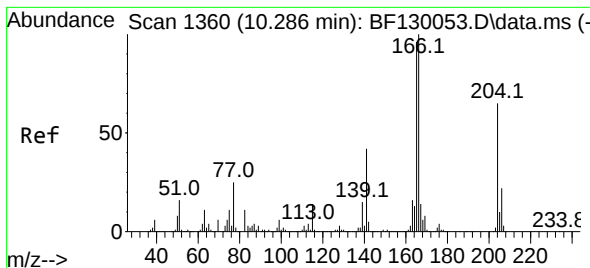
Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

150 12.9 10.1 15.1

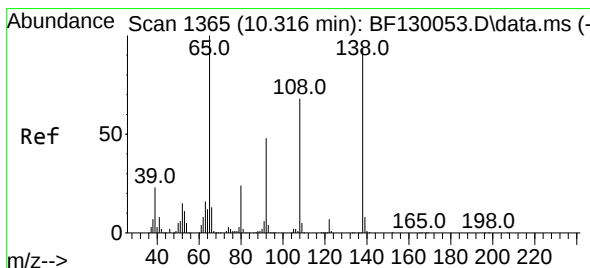
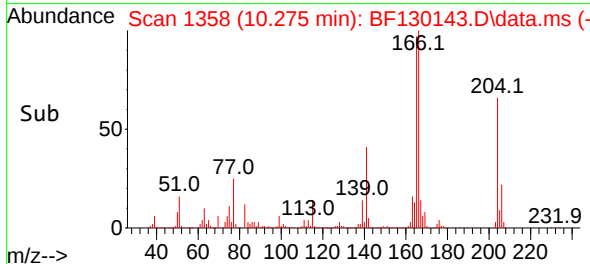
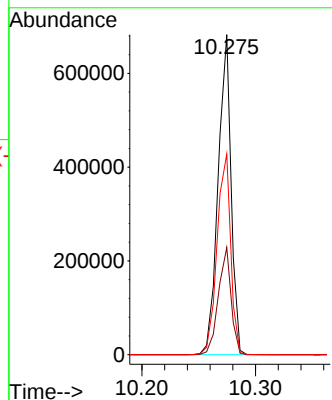
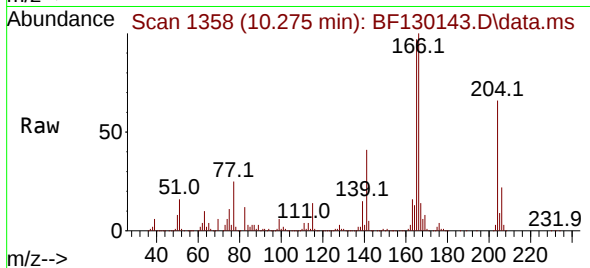




#61
4-Chlorophenyl-phenylether
Concen: 42.982 ng
RT: 10.275 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

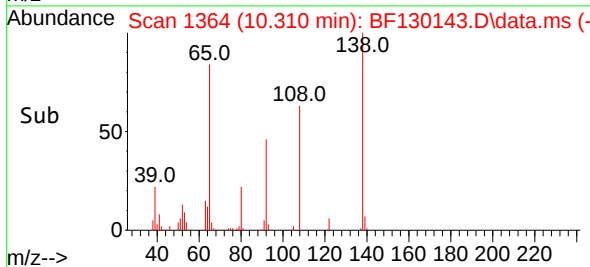
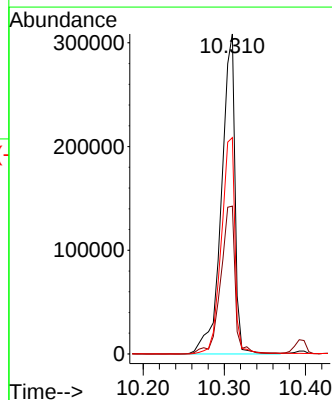
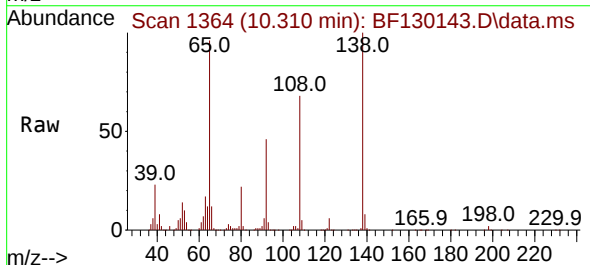
Instrument :
BNA_F
ClientSampleId :
PB147422BS

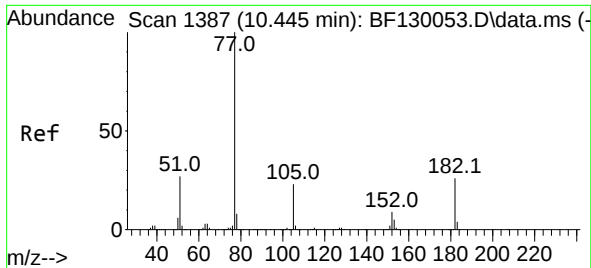
Tgt Ion:204 Resp: 542755
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 62.7 52.6 79.0



#62
4-Nitroaniline
Concen: 51.479 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:138 Resp: 359145
Ion Ratio Lower Upper
138 100
92 46.2 30.3 70.3
108 67.6 55.7 95.7

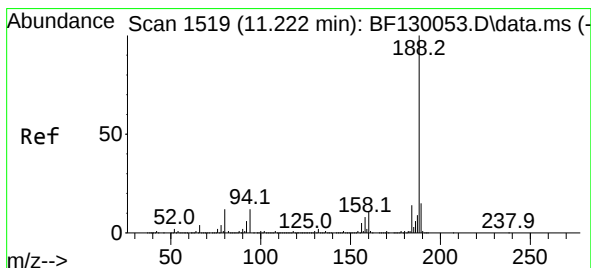
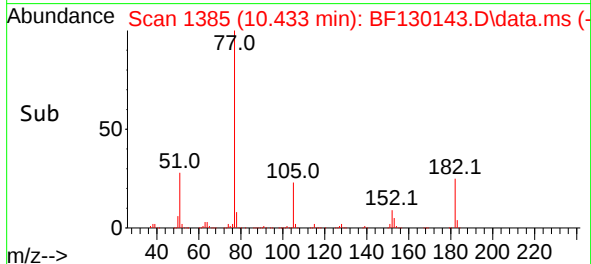
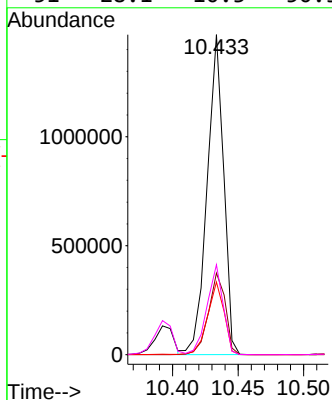
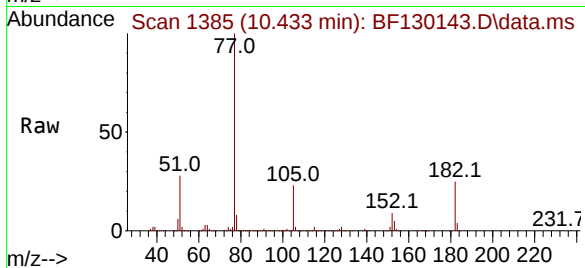




#63
Azobenzene
Concen: 42.247 ng
RT: 10.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

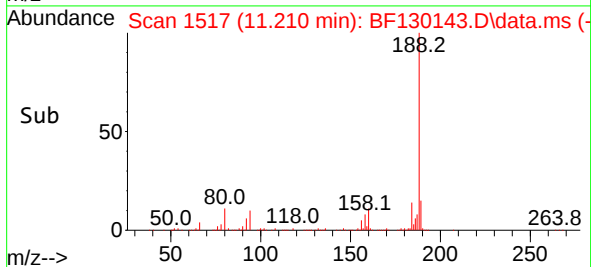
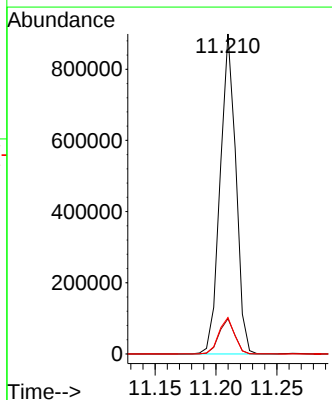
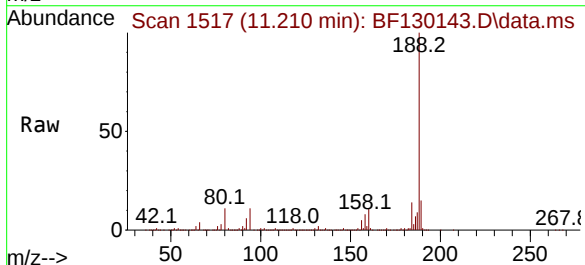
Instrument :
BNA_F
ClientSampleId :
PB147422BS

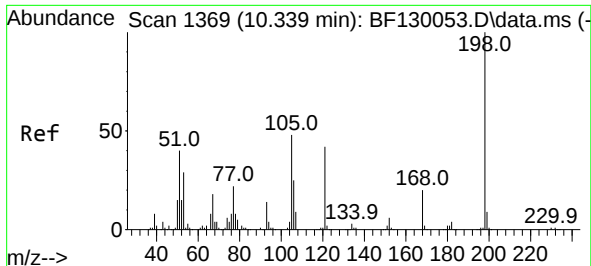
Tgt Ion: 77 Resp: 1289924
Ion Ratio Lower Upper
77 100
182 25.5 2.2 42.2
105 22.7 0.8 40.8
51 28.1 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion: 188 Resp: 809921
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.2
80 11.4 7.9 11.9

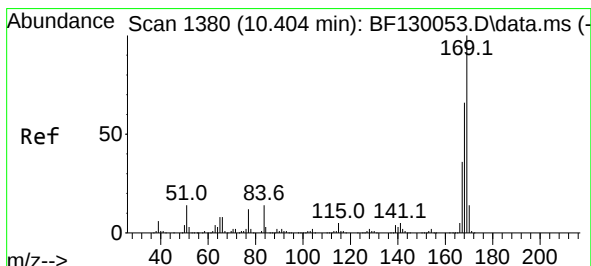
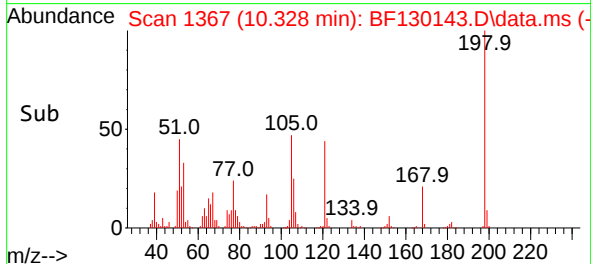
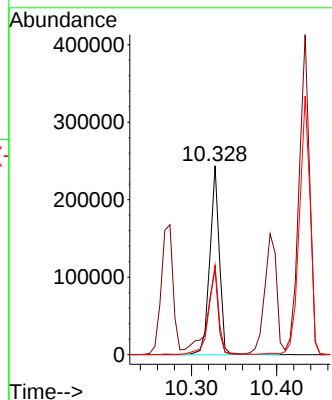
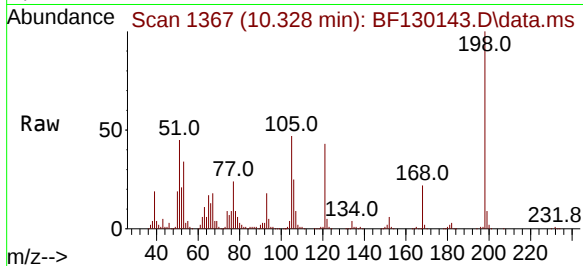




#65
4,6-Dinitro-2-methylphenol
Concen: 49.479 ng
RT: 10.328 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

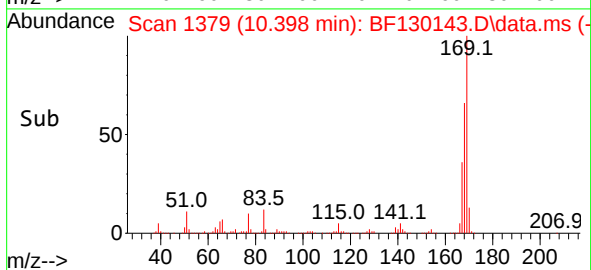
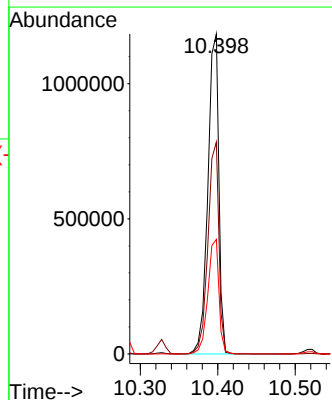
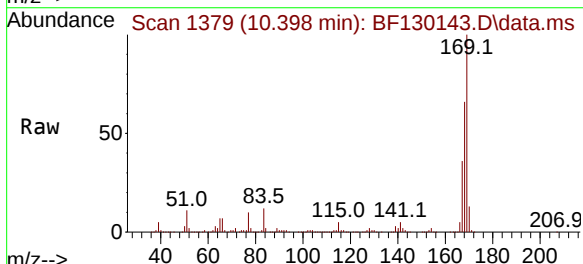
Instrument :
BNA_F
ClientSampleId :
PB147422BS

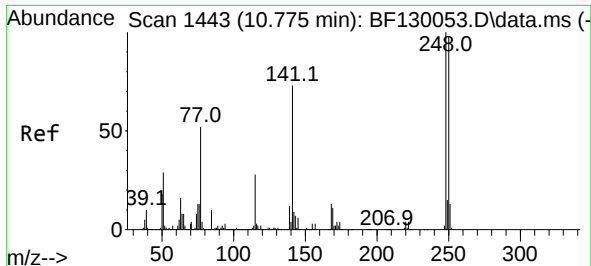
Tgt Ion:198 Resp: 189480
Ion Ratio Lower Upper
198 100
51 45.3 29.4 69.4
105 47.4 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.835 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:169 Resp: 1159763
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 35.8 29.1 43.7

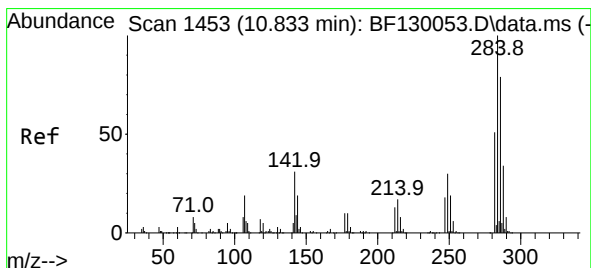
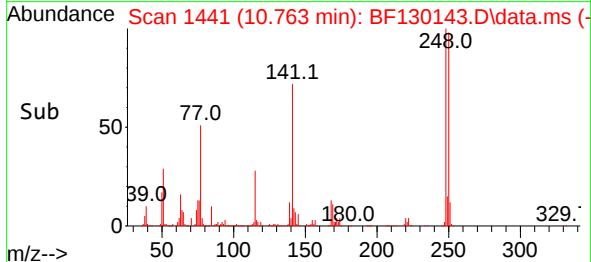
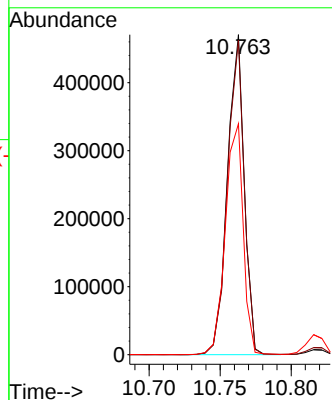
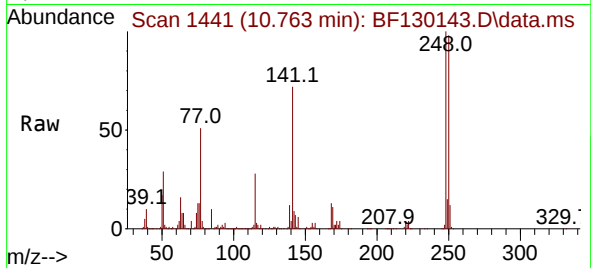




#67
4-Bromophenyl-phenylether
Concen: 43.144 ng
RT: 10.763 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

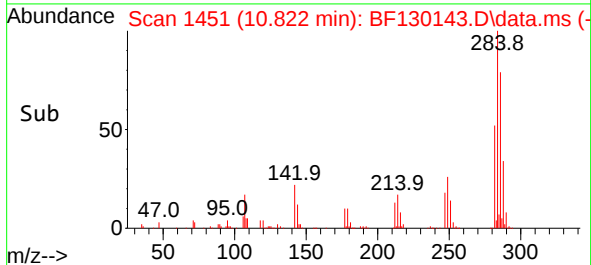
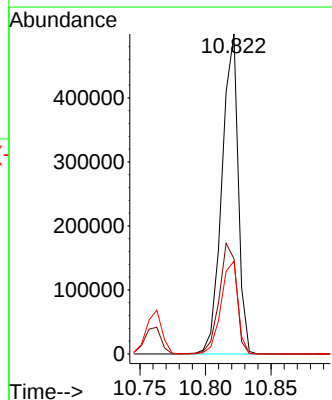
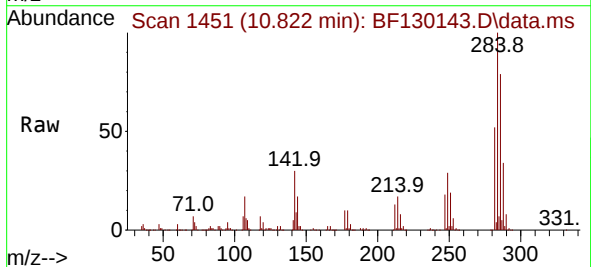
Instrument :
BNA_F
ClientSampleId :
PB147422BS

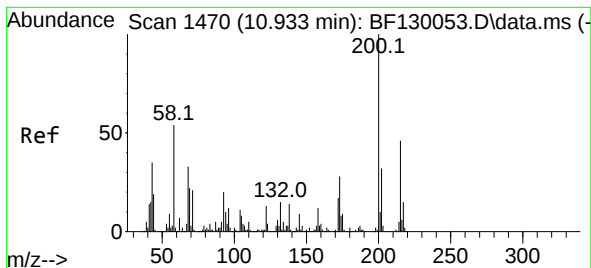
Tgt Ion:248 Resp: 388674
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.6
141 72.2 66.2 99.2



#68
Hexachlorobenzene
Concen: 43.852 ng
RT: 10.822 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:284 Resp: 430460
Ion Ratio Lower Upper
284 100
142 29.7 31.4 47.0#
249 29.0 25.7 38.5





#69

Atrazine

Concen: 46.564 ng

RT: 10.928 min Scan# 1469

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

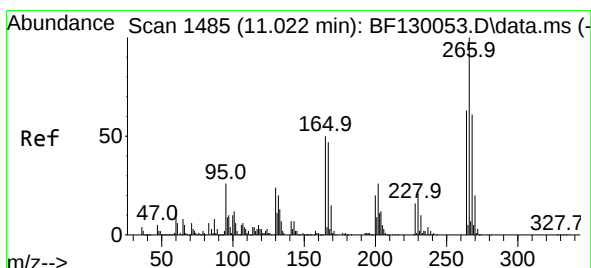
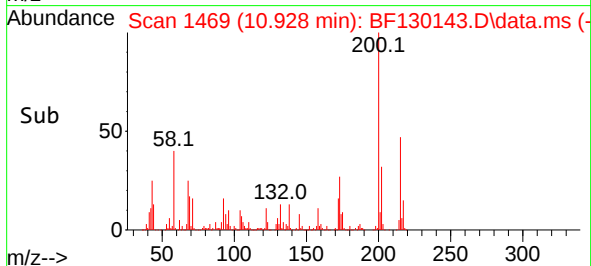
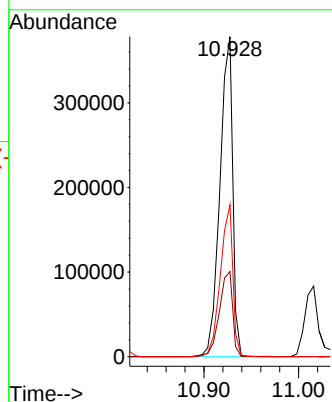
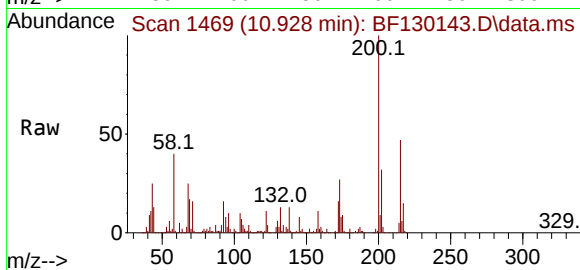
Tgt Ion:200 Resp: 356667

Ion Ratio Lower Upper

200 100

173 26.6 6.4 46.4

215 47.4 27.1 67.1



#70

Pentachlorophenol

Concen: 93.090 ng

RT: 11.016 min Scan# 1484

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

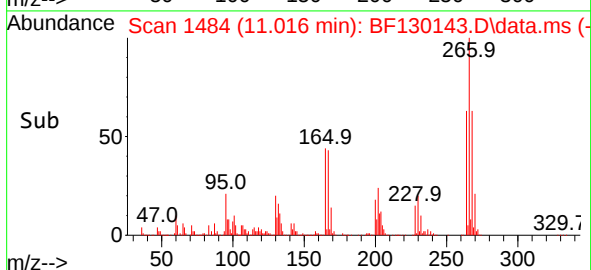
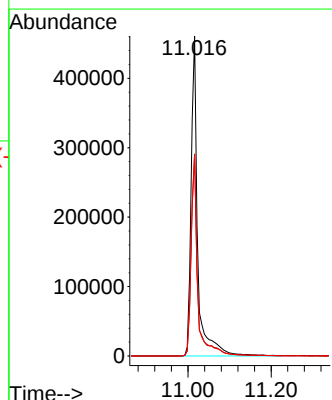
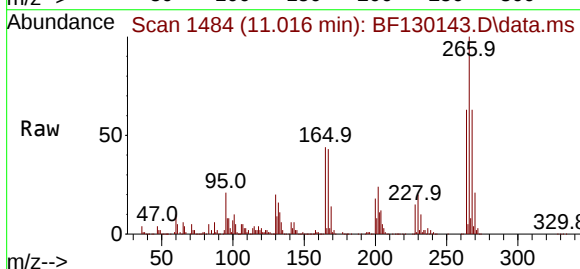
Tgt Ion:266 Resp: 510980

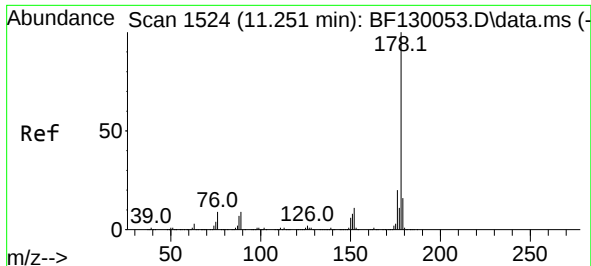
Ion Ratio Lower Upper

266 100

268 63.1 49.0 73.4

264 62.9 47.9 71.9

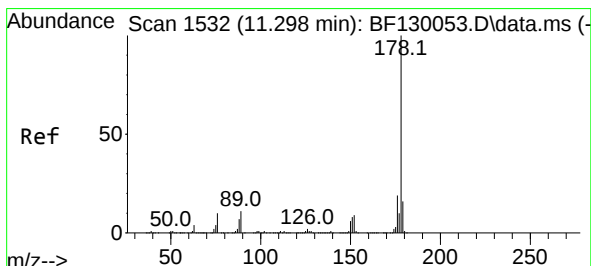
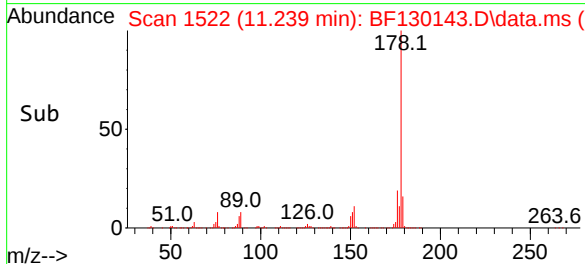
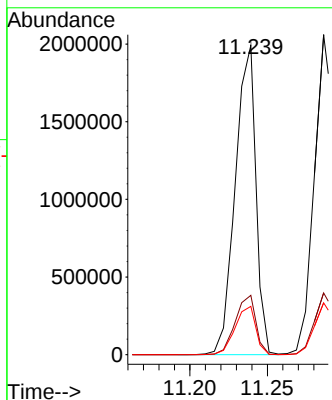
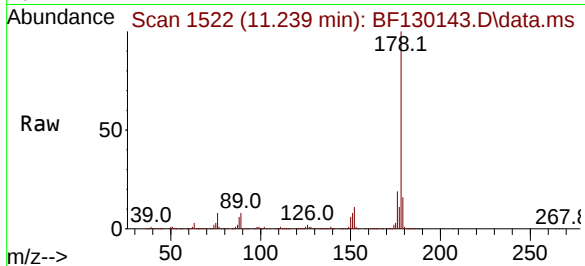




#71
Phenanthrene
Concen: 42.007 ng
RT: 11.239 min Scan# 11239
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

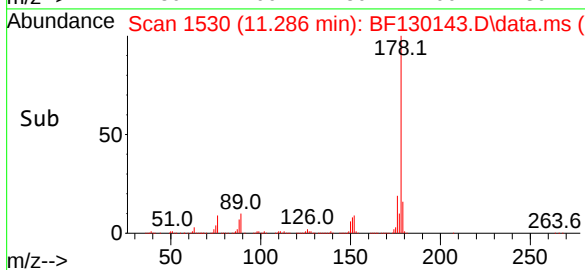
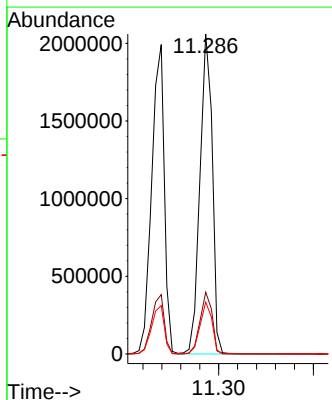
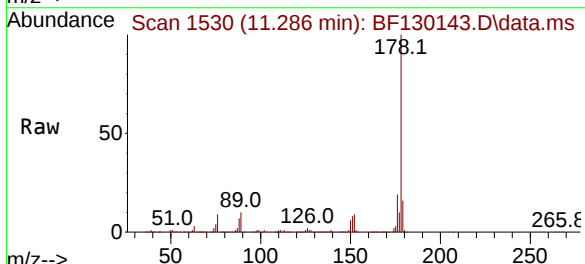
Instrument :
BNA_F
ClientSampleId :
PB147422BS

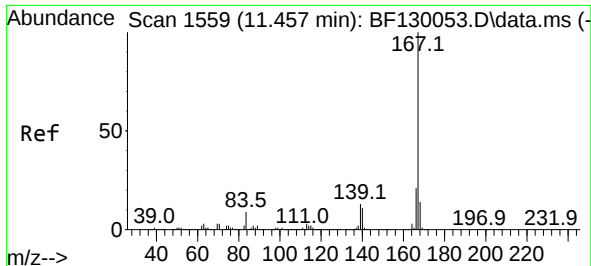
Tgt Ion:178 Resp: 1845097
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 43.055 ng
RT: 11.286 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:178 Resp: 1859038
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.2 12.6 18.8

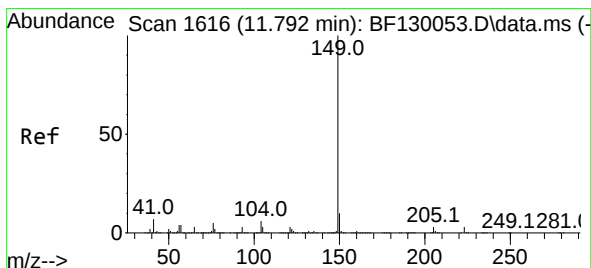
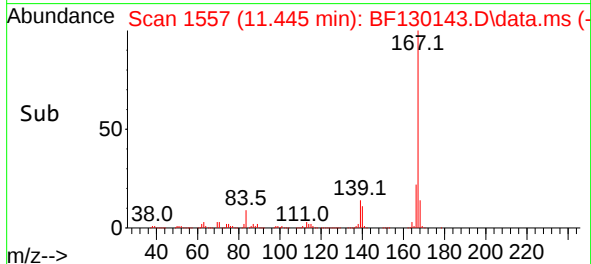
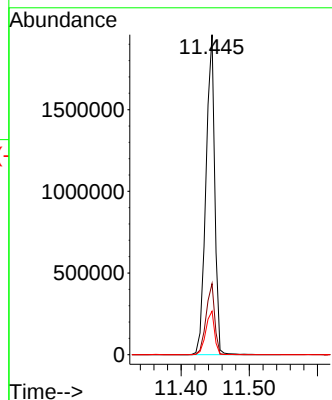
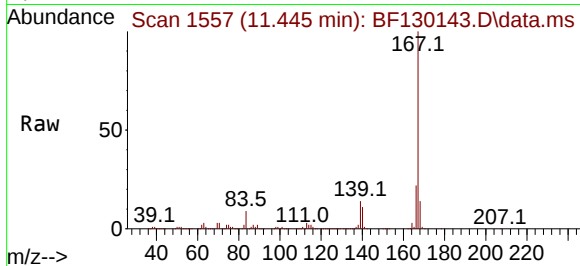




#73
 Carbazole
 Concen: 44.292 ng
 RT: 11.445 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

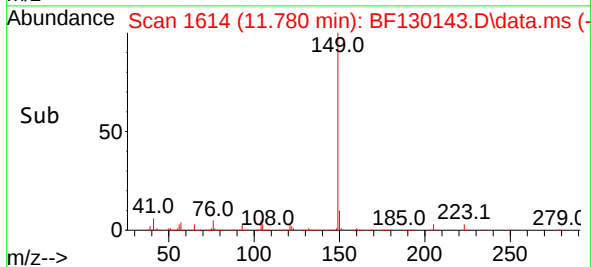
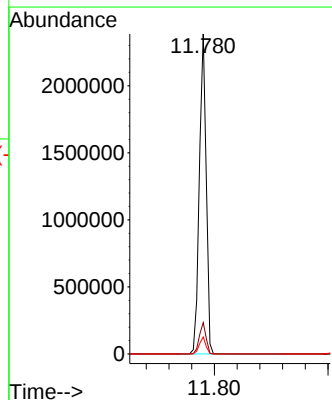
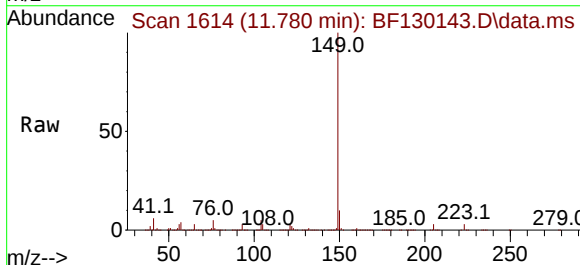
Instrument :
 BNA_F
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 PB147422BS

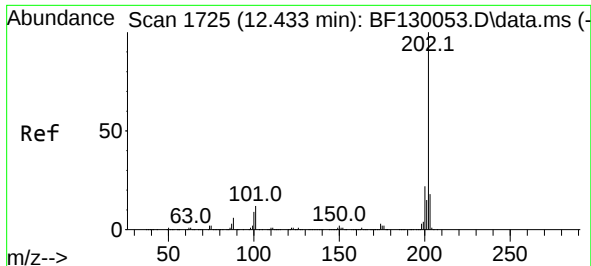
Tgt Ion:167 Resp: 1763569
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.1 25.7
 139 13.6 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 41.924 ng
 RT: 11.780 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

Tgt Ion:149 Resp: 2012905
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.3 4.2 6.4

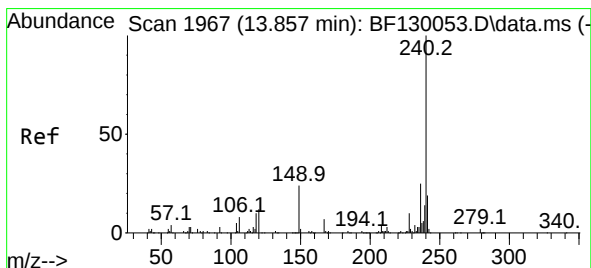
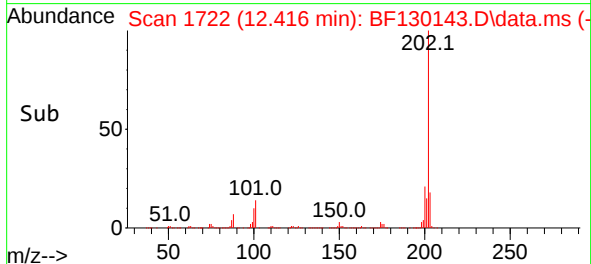
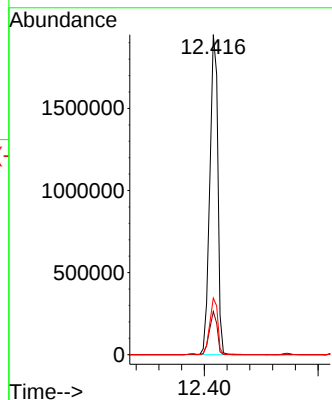
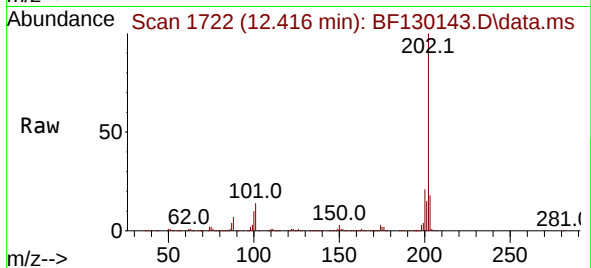




#75
Fluoranthene
Concen: 43.623 ng
RT: 12.416 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

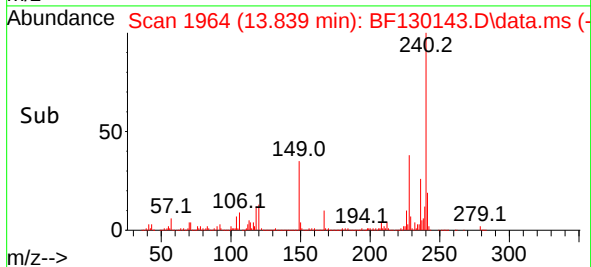
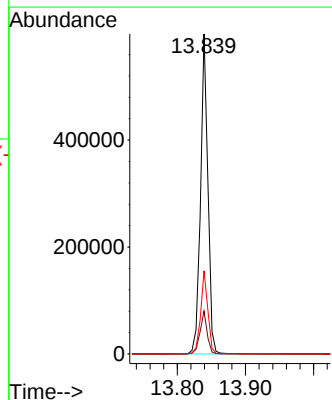
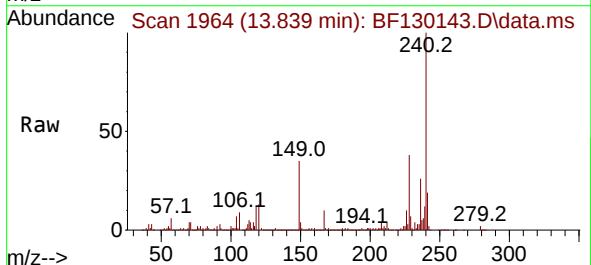
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BNA_F
ClientSampleId :
PB147422BS

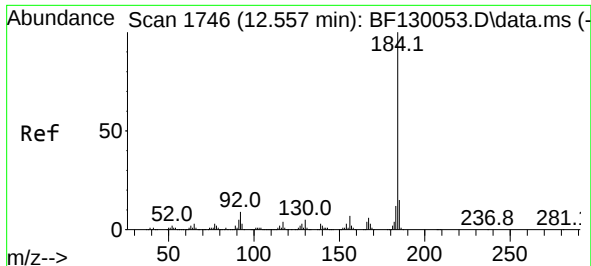
Tgt Ion:202 Resp: 1900008
Ion Ratio Lower Upper
202 100
101 13.5 0.0 30.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:240 Resp: 447989
Ion Ratio Lower Upper
240 100
120 13.4 9.2 13.8
236 26.0 20.7 31.1

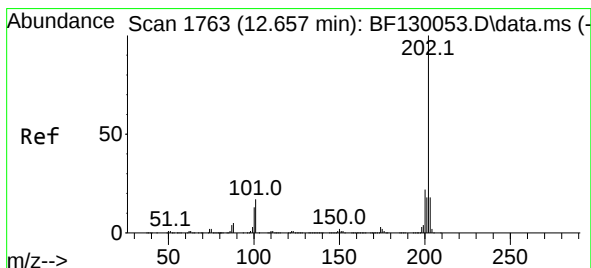
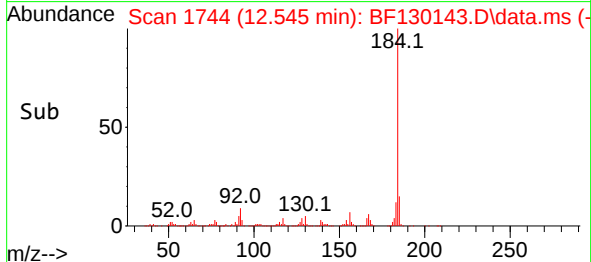
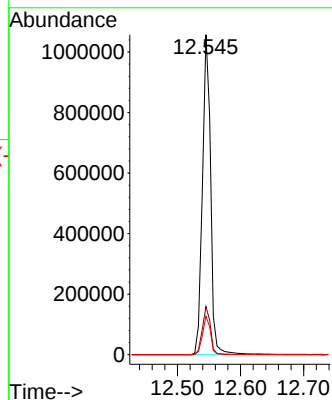
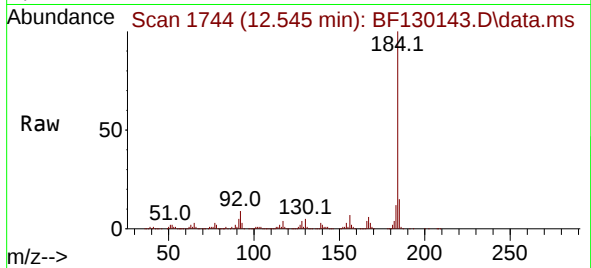




#77
Benzidine
Concen: 78.649 ng
RT: 12.545 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

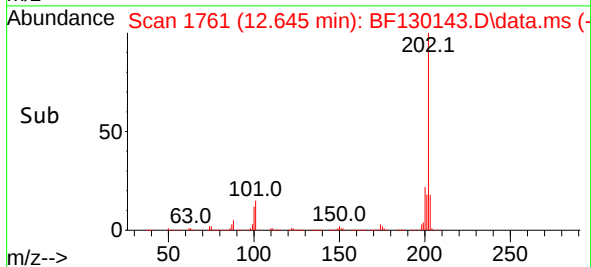
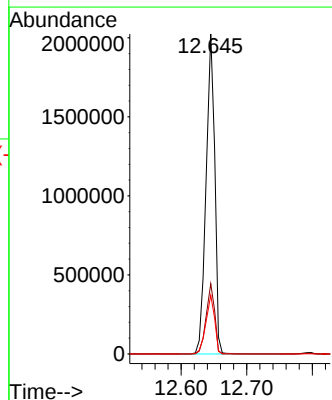
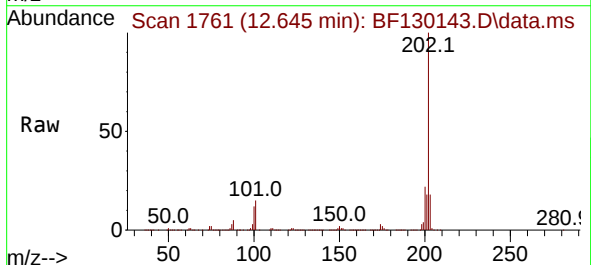
Instrument :
BNA_F
ClientSampleId :
PB147422BS

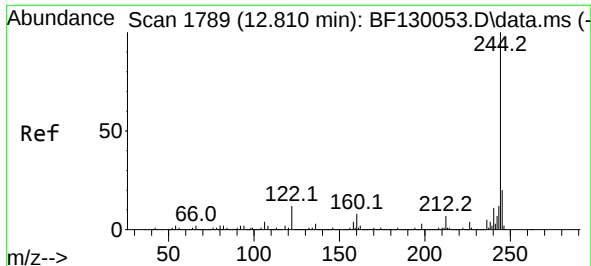
Tgt Ion:184 Resp: 951282
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 12.0 9.4 14.2



#78
Pyrene
Concen: 46.566 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:202 Resp: 1871123
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.6
203 18.4 14.1 21.1

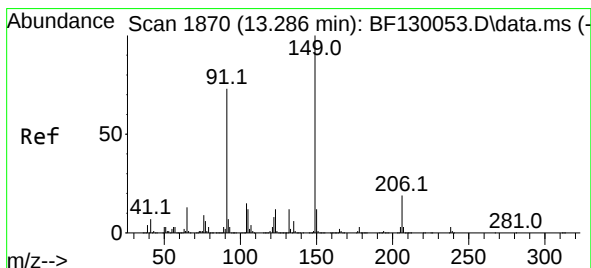
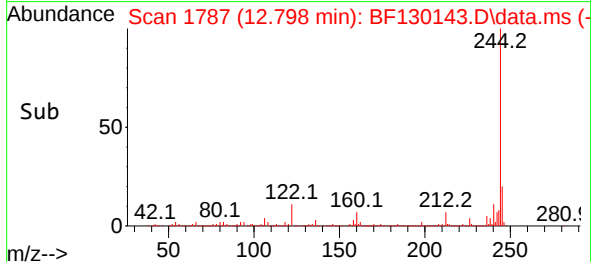
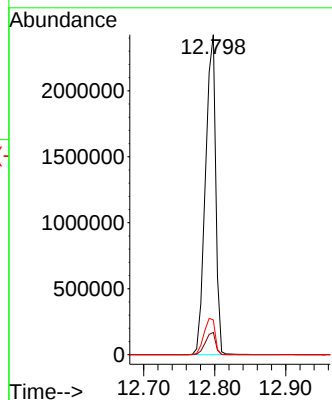
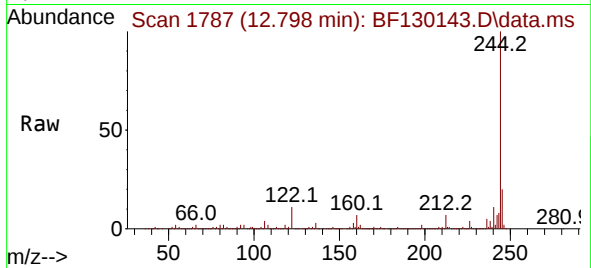




#79
 Terphenyl-d14
 Concen: 94.381 ng
 RT: 12.798 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

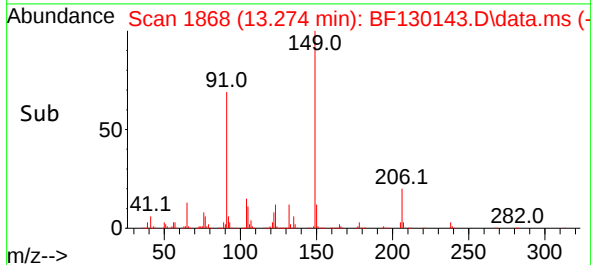
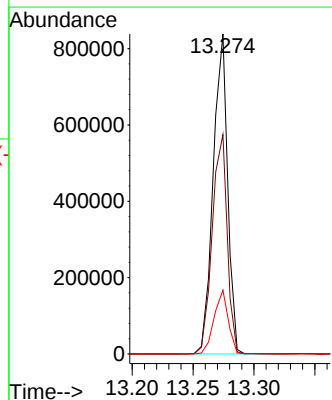
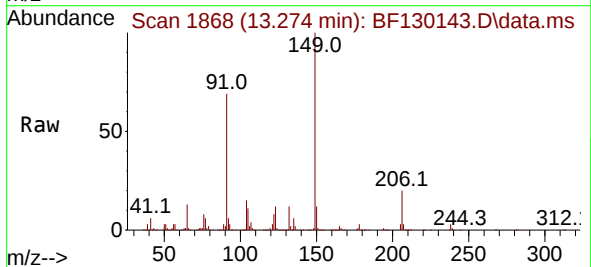
Instrument :
 BNA_F
 ClientSampleId :
 PB147422BS

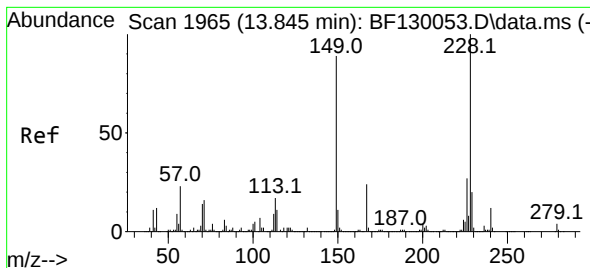
Tgt Ion:244 Resp: 2438213
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.8 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 43.212 ng
 RT: 13.274 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

Tgt Ion:149 Resp: 690643
 Ion Ratio Lower Upper
 149 100
 91 68.6 55.4 83.0
 206 20.0 15.8 23.6





#81

Benzo(a)anthracene

Concen: 42.770 ng

RT: 13.827 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

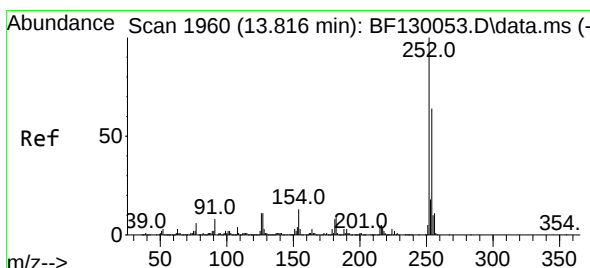
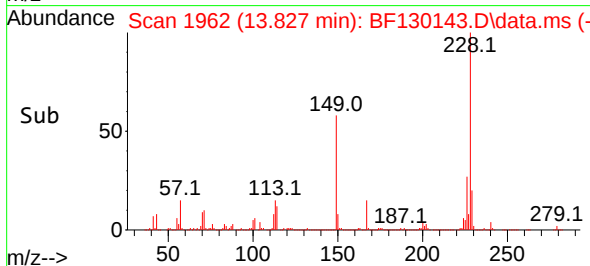
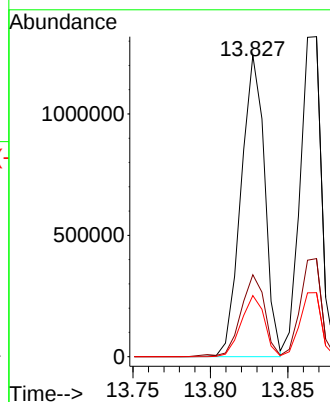
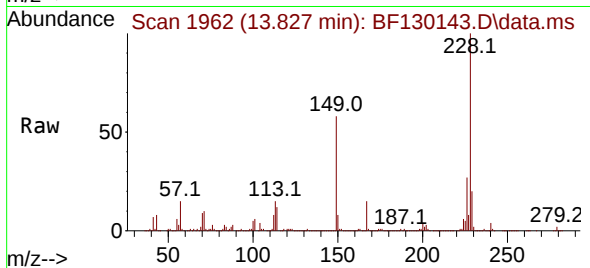
Tgt Ion:228 Resp: 1313081

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 20.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 42.005 ng

RT: 13.798 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

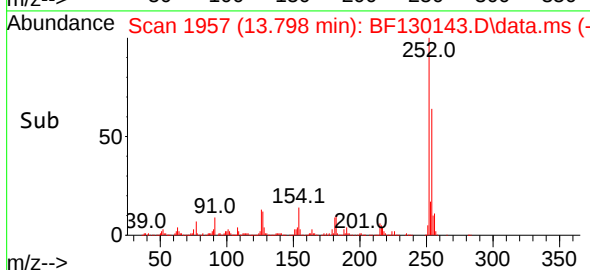
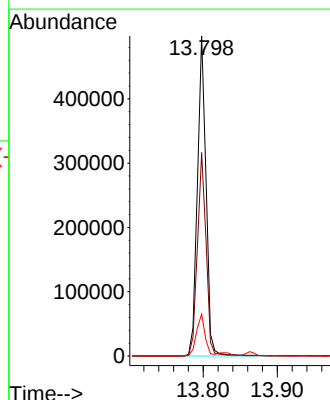
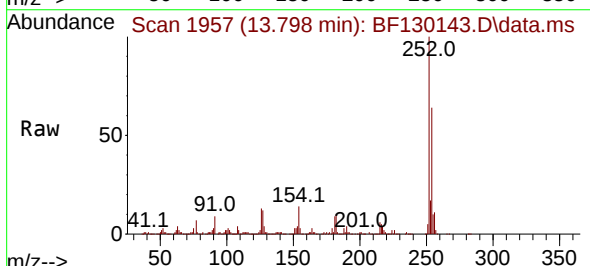
Tgt Ion:252 Resp: 402156

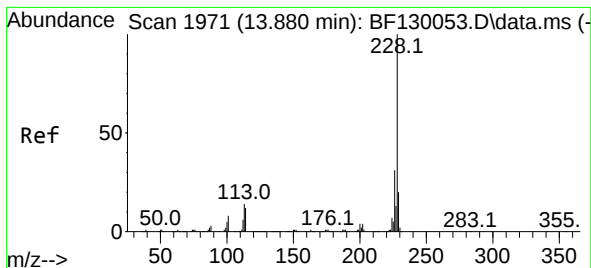
Ion Ratio Lower Upper

252 100

254 63.5 51.4 77.2

126 13.1 10.2 15.4





#83

Chrysene

Concen: 41.986 ng

RT: 13.869 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

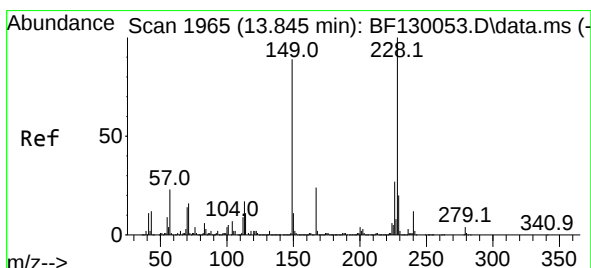
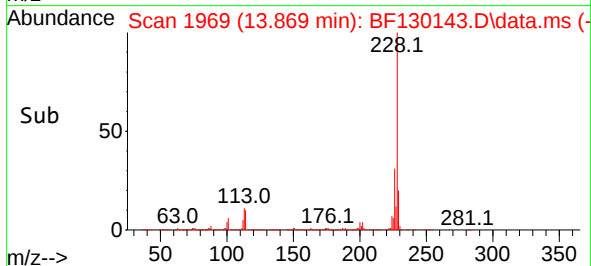
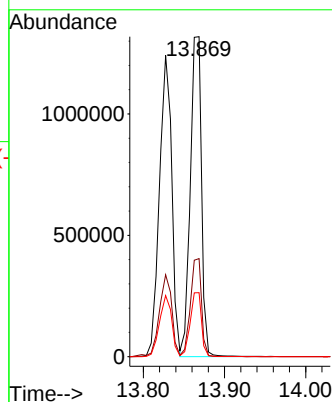
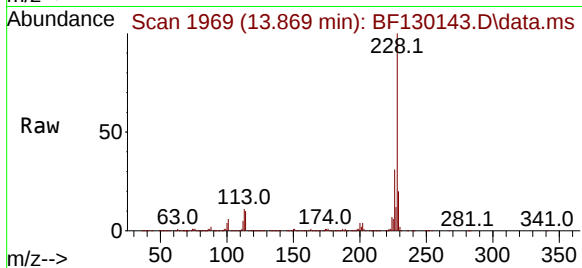
Tgt Ion:228 Resp: 1270862

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.013 ng

RT: 13.833 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

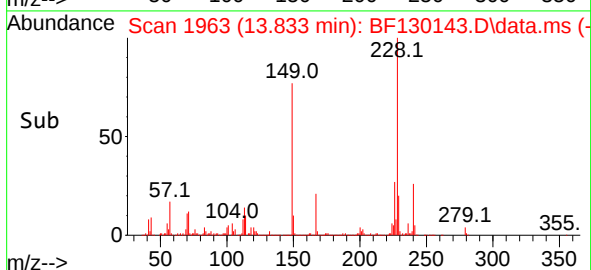
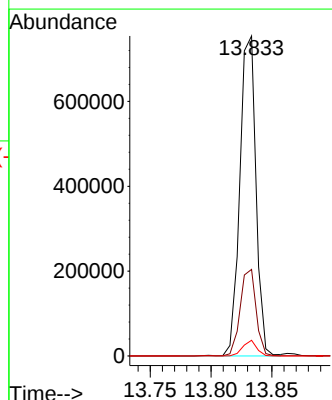
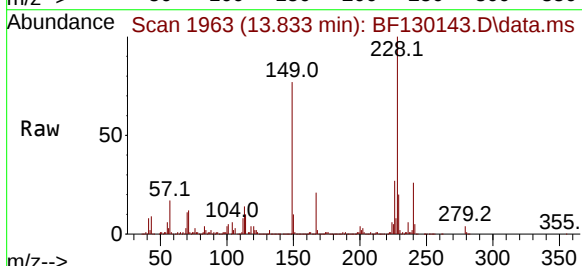
Tgt Ion:149 Resp: 695578

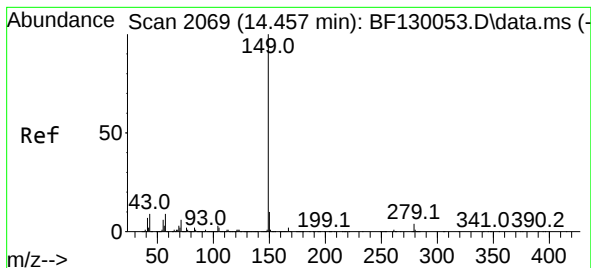
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 35.345 ng

RT: 14.439 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

PB147422BS

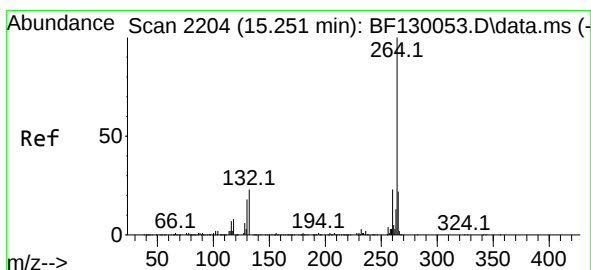
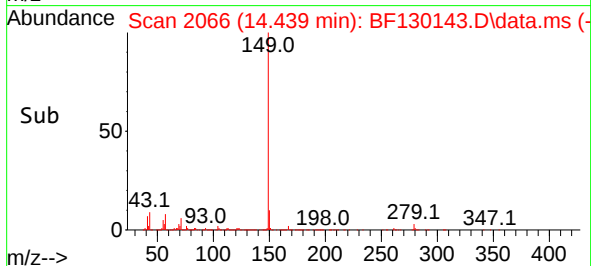
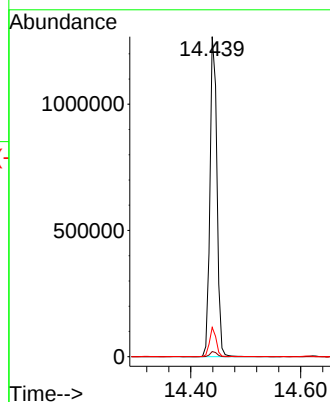
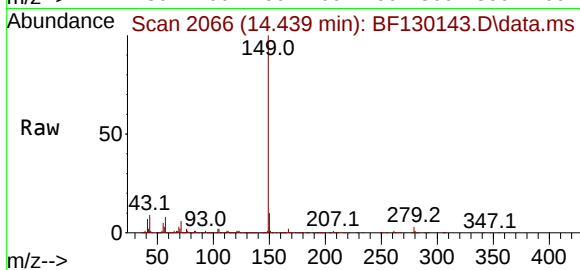
Tgt Ion:149 Resp: 1109164

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: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF130143.D

Acq: 06 Sep 2022 18:08

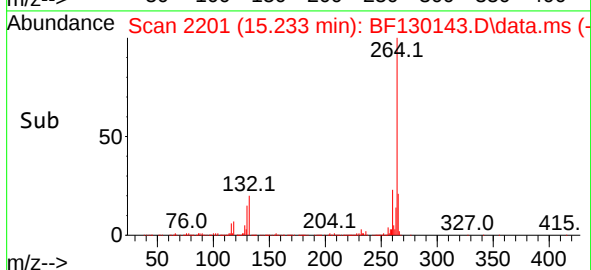
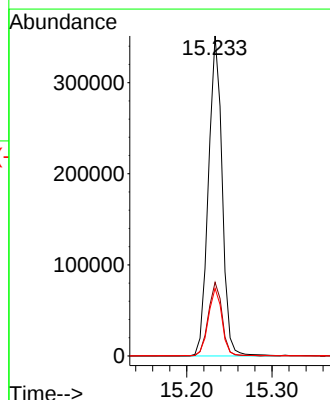
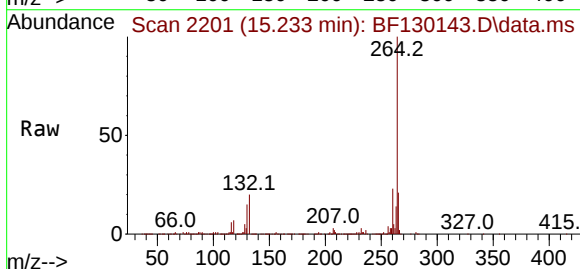
Tgt Ion:264 Resp: 392764

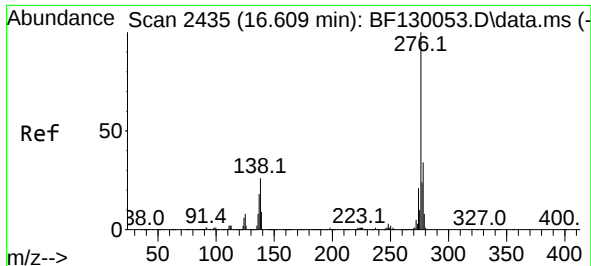
Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.1 16.7 25.1

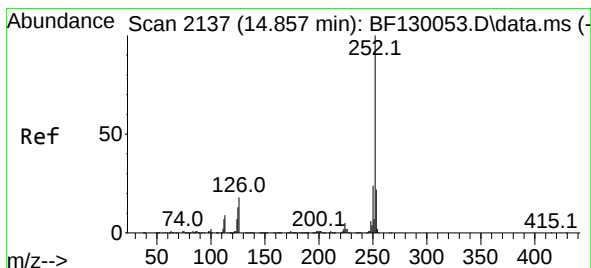
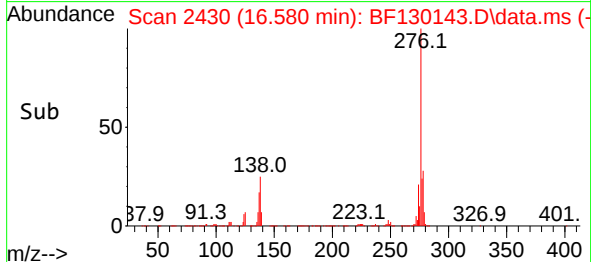
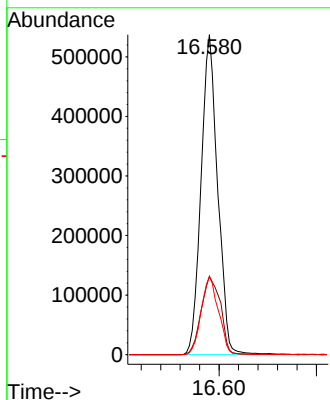
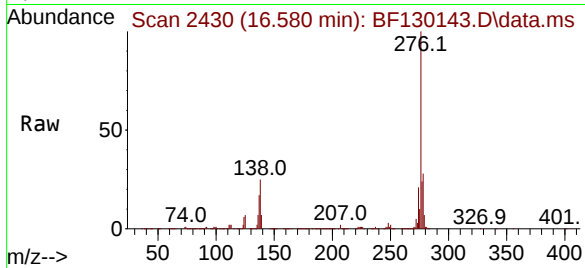




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.054 ng
 RT: 16.580 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

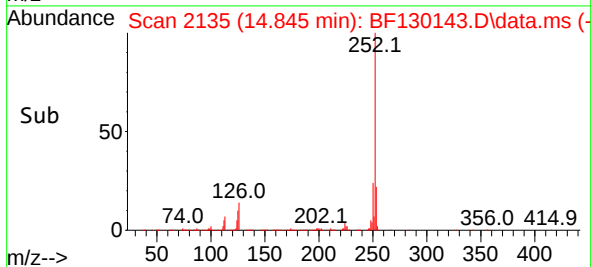
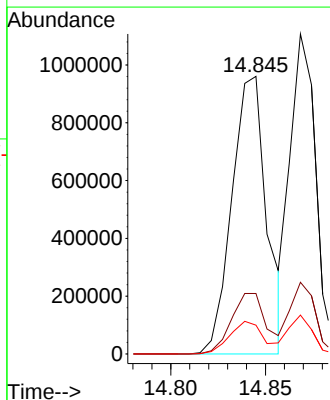
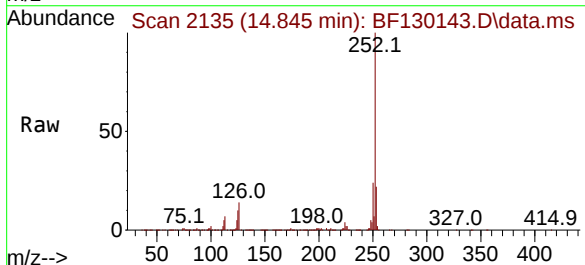
Instrument :
 BNA_F
 ClientSampleId :
 PB147422BS

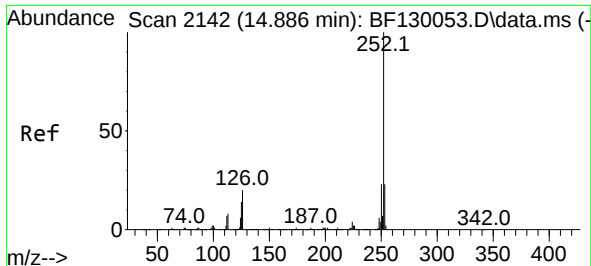
Tgt Ion:276 Resp: 1270902
 Ion Ratio Lower Upper
 276 100
 138 28.4 19.8 29.8
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 46.997 ng
 RT: 14.845 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: BF130143.D
 Acq: 06 Sep 2022 18:08

Tgt Ion:252 Resp: 1230949
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.4 8.3 12.5

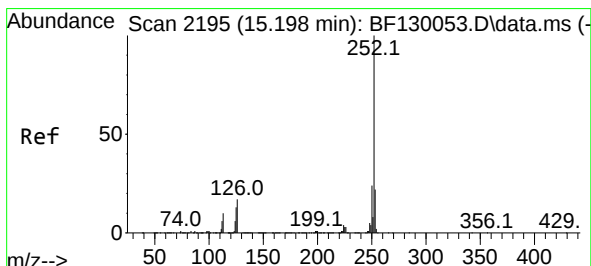
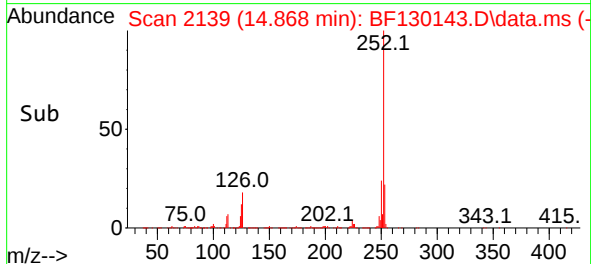
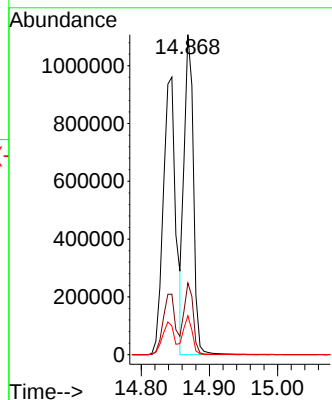
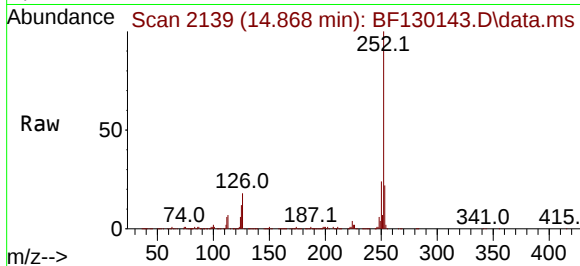




#89
Benzo(k)fluoranthene
Concen: 41.476 ng
RT: 14.868 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

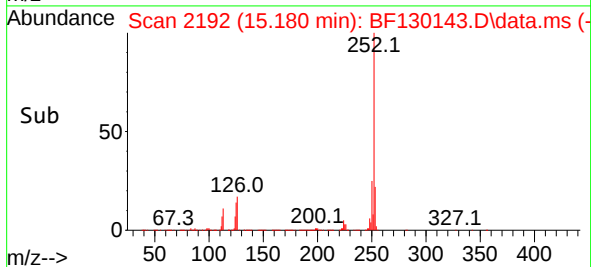
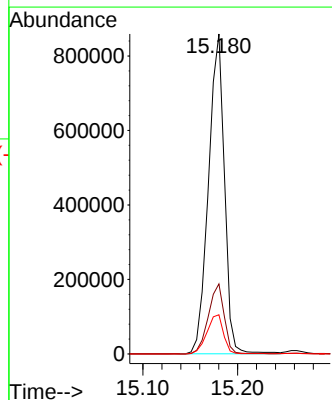
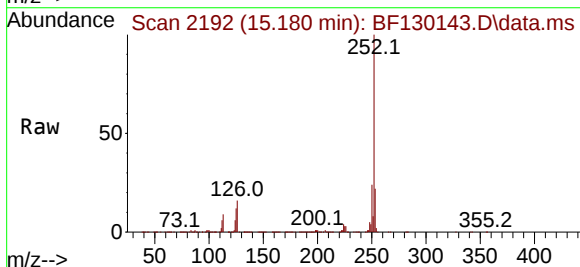
Instrument :
BNA_F
ClientSampleId :
PB147422BS

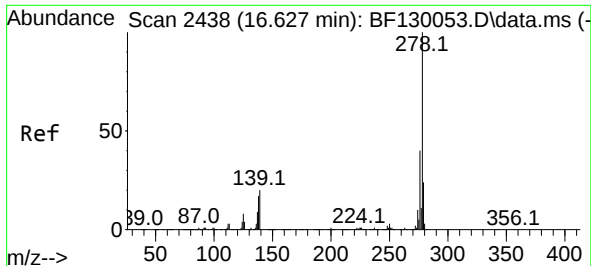
Tgt Ion:252 Resp: 1050646
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 12.2 8.3 12.5



#90
Benzo(a)pyrene
Concen: 48.266 ng
RT: 15.180 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:252 Resp: 1004548
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.3 8.8 13.2

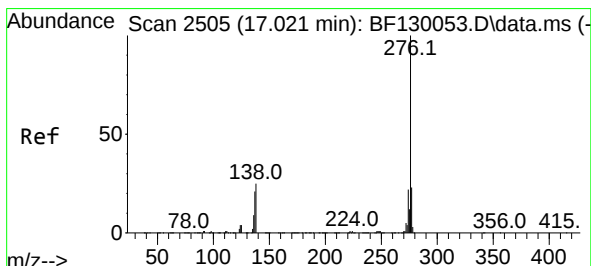
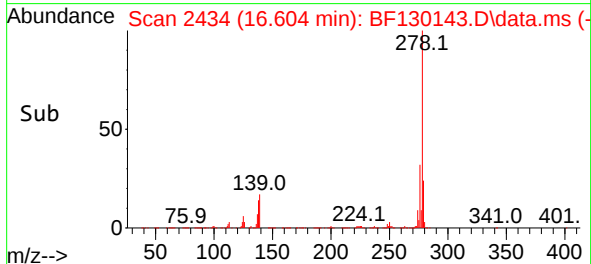
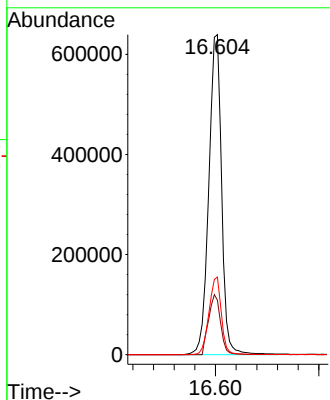
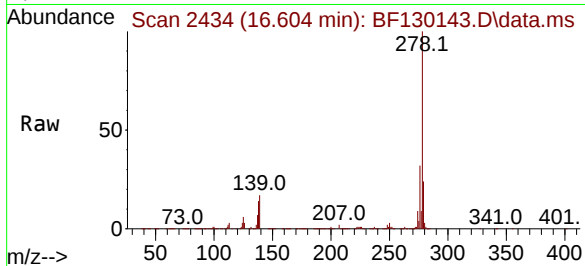




#91
Dibenzo(a,h)anthracene
Concen: 51.948 ng
RT: 16.604 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Instrument :
BNA_F
ClientSampleId :
PB147422BS

Tgt Ion:278 Resp: 1101291
Ion Ratio Lower Upper
278 100
139 17.1 12.2 18.4
279 24.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 52.498 ng
RT: 16.992 min Scan# 2500
Delta R.T. -0.006 min
Lab File: BF130143.D
Acq: 06 Sep 2022 18:08

Tgt Ion:276 Resp: 1113533
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.4
138 23.8 15.8 23.8#

