

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130141.D
 Acq On : 06 Sep 2022 17:04
 Operator : CG\JU
 Sample : PB147437BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147437BSD

Quant Time: Sep 07 02:14:30 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	248473	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	1051756	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	577640	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	988019	20.000	ng	# 0.00
76) Chrysene-d12	13.839	240	554313	20.000	ng	# 0.00
86) Perylene-d12	15.233	264	458086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1774885	121.266	ng	0.01
7) Phenol-d6	6.340	99	2271829	124.503	ng	0.00
23) Nitrobenzene-d5	7.269	82	1398175	85.434	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	741295	140.981	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2598317	74.578	ng	0.00
79) Terphenyl-d14	12.798	244	2917291	91.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.434	88	190408	27.837	ng	96
3) Pyridine	3.134	79	530515	28.924	ng	93
4) n-Nitrosodimethylamine	3.081	42	274171	38.010	ng	87
6) Aniline	6.363	93	828236	36.204	ng	# 50
8) 2-Chlorophenol	6.481	128	708952	44.131	ng	98
9) Benzaldehyde	6.246	77	343750	30.778	ng	97
10) Phenol	6.351	94	861530	41.770	ng	# 69
11) bis(2-Chloroethyl)ether	6.440	93	640408	40.866	ng	99
12) 1,3-Dichlorobenzene	6.640	146	682301	38.313	ng	96
13) 1,4-Dichlorobenzene	6.716	146	694876	38.737	ng	97
14) 1,2-Dichlorobenzene	6.869	146	665346	40.803	ng	97
15) Benzyl Alcohol	6.845	79	544579	44.278	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	829722	38.958	ng	# 52
17) 2-Methylphenol	6.957	107	575443	42.576	ng	# 87
18) Hexachloroethane	7.210	117	255574	39.455	ng	95
19) n-Nitroso-di-n-propyla...	7.122	70	453364	41.242	ng	93
20) 3+4-Methylphenols	7.110	107	658938	41.574	ng	# 75
22) Acetophenone	7.116	105	897561	38.198	ng	# 97
24) Nitrobenzene	7.287	77	695241	39.945	ng	98
25) Isophorone	7.528	82	1368614	41.318	ng	98
26) 2-Nitrophenol	7.598	139	357002	43.980	ng	95
27) 2,4-Dimethylphenol	7.640	122	644412	46.364	ng	98
28) bis(2-Chloroethoxy)met...	7.740	93	838398	42.136	ng	97
29) 2,4-Dichlorophenol	7.840	162	599684	40.337	ng	99
30) 1,2,4-Trichlorobenzene	7.922	180	579722	36.982	ng	99
31) Naphthalene	8.004	128	1962254	36.992	ng	99
32) Benzoic acid	7.781	122	515034	45.742	ng	100
33) 4-Chloroaniline	8.051	127	678308	31.651	ng	99
34) Hexachlorobutadiene	8.122	225	326709	36.391	ng	100
35) Caprolactam	8.498	113	61267	13.298	ng	86
36) 4-Chloro-3-methylphenol	8.539	107	666224	44.285	ng	95
37) 2-Methylnaphthalene	8.692	142	1330796	38.946	ng	100
38) 1-Methylnaphthalene	8.792	142	1270210	38.244	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	559878	37.170	ng	99
41) Hexachlorocyclopentadiene	8.845	237	657547	83.531	ng	98
43) 2,4,6-Trichlorophenol	8.969	196	433974	40.363	ng	96

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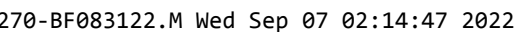
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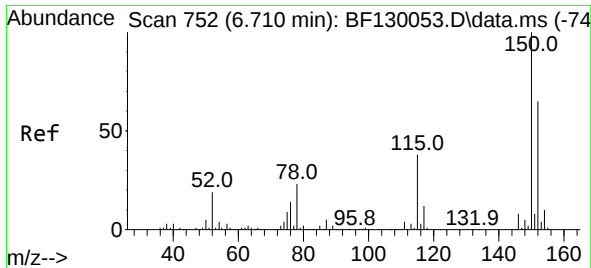
Quant Time: Sep 07 02:14:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	477365	40.963	ng	96
46) 1,1'-Biphenyl	9.157	154	1610643	38.380	ng	99
47) 2-Chloronaphthalene	9.181	162	1281626	38.116	ng	100
48) 2-Nitroaniline	9.281	65	407584	49.190	ng	91
49) Acenaphthylene	9.592	152	1986629	38.908	ng	99
50) Dimethylphthalate	9.469	163	1576587	40.072	ng	100
51) 2,6-Dinitrotoluene	9.528	165	365412	47.636	ng	# 84
52) Acenaphthene	9.769	154	1179858	36.665	ng	99
53) 3-Nitroaniline	9.692	138	331235	37.620	ng	98
54) 2,4-Dinitrophenol	9.798	184	354924	99.697	ng	91
55) Dibenzofuran	9.939	168	1788323	38.810	ng	99
56) 4-Nitrophenol	9.857	139	657849	96.913	ng	94
57) 2,4-Dinitrotoluene	9.928	165	460127	52.100	ng	# 89
58) Fluorene	10.281	166	1365628	38.951	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.051	232	383837	42.407	ng	# 79
60) Diethylphthalate	10.163	149	1567476	41.181	ng	99
61) 4-Chlorophenyl-phenyle...	10.275	204	611613	39.462	ng	99
62) 4-Nitroaniline	10.310	138	411178	48.018	ng	97
63) Azobenzene	10.433	77	1465099	39.094	ng	95
65) 4,6-Dinitro-2-methylph...	10.333	198	222269	47.812	ng	83
66) n-Nitrosodiphenylamine	10.398	169	1313240	39.761	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	439315	39.975	ng	96
68) Hexachlorobenzene	10.822	284	489334	40.864	ng	93
69) Atrazine	10.928	200	440989	47.195	ng	98
70) Pentachlorophenol	11.016	266	590631	88.205	ng	96
71) Phenanthrene	11.239	178	2074970	38.725	ng	98
72) Anthracene	11.292	178	2116194	40.176	ng	99
73) Carbazole	11.445	167	2007280	41.325	ng	99
74) Di-n-butylphthalate	11.780	149	2336197	39.887	ng	99
75) Fluoranthene	12.422	202	2127381	40.039	ng	99
77) Benzidine	12.545	184	901619	60.245	ng	99
78) Pyrene	12.645	202	2166197	43.569	ng	98
80) Butylbenzylphthalate	13.274	149	847769	42.869	ng	100
81) Benzo(a)anthracene	13.827	228	1508209	39.703	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	445440	37.601	ng	99
83) Chrysene	13.869	228	1474546	39.371	ng	99
84) Bis(2-ethylhexyl)phtha...	13.833	149	828384	33.700	ng	100
85) Di-n-octyl phthalate	14.445	149	1321306	34.029	ng	98
87) Indeno(1,2,3-cd)pyrene	16.580	276	1426578	47.210	ng	96
88) Benzo(b)fluoranthene	14.839	252	1374549	44.996	ng	98
89) Benzo(k)fluoranthene	14.868	252	1231522	41.684	ng	97
90) Benzo(a)pyrene	15.180	252	1132290	46.646	ng	98
91) Dibenzo(a,h)anthracene	16.604	278	1237940	50.067	ng	96
92) Benzo(g,h,i)perylene	16.992	276	1249104	50.492	ng	# 94

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

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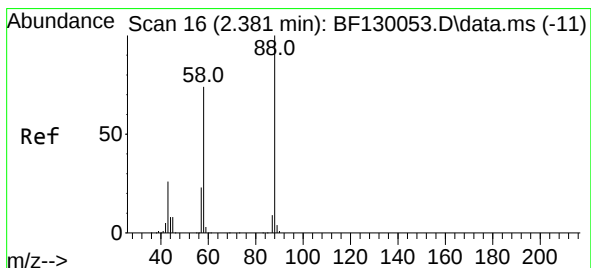
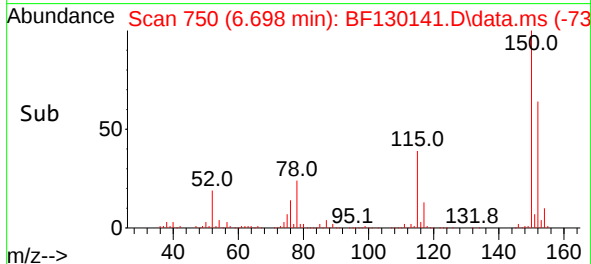
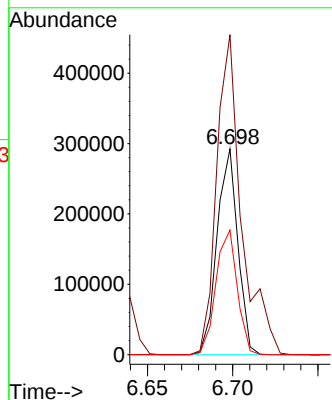
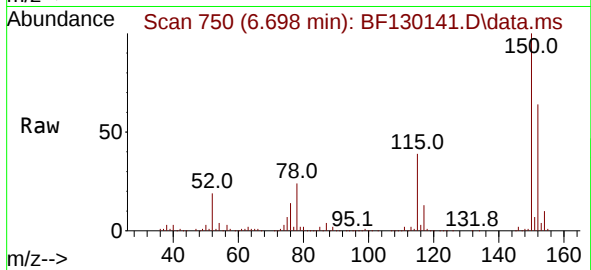




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130141.D
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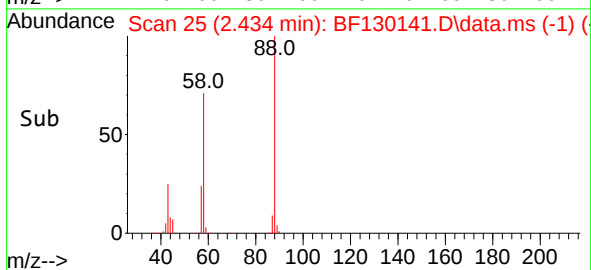
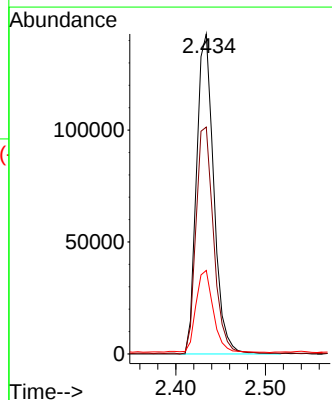
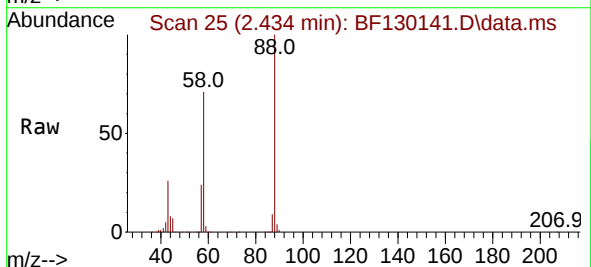
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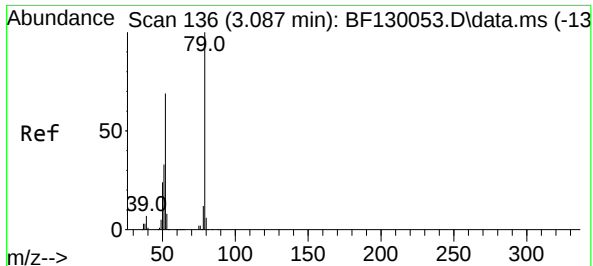
Tgt Ion:152 Resp: 248473
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 60.6 53.4 80.0



#2
 1,4-Dioxane
 Concen: 27.837 ng
 RT: 2.434 min Scan# 25
 Delta R.T. 0.094 min
 Lab File: BF130141.D
 Acq: 06 Sep 2022 17:04

Tgt Ion: 88 Resp: 190408
 Ion Ratio Lower Upper
 88 100
 58 72.9 60.9 91.3
 43 26.2 23.6 35.4

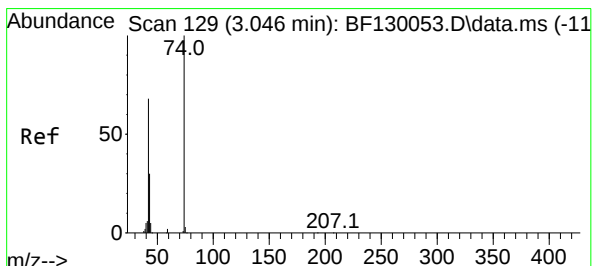
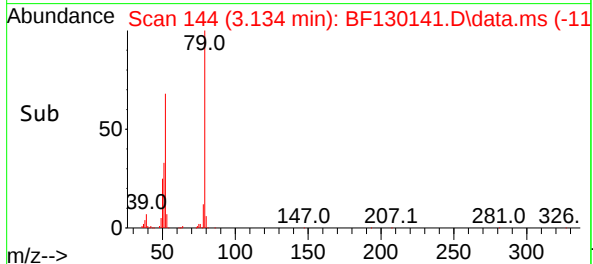
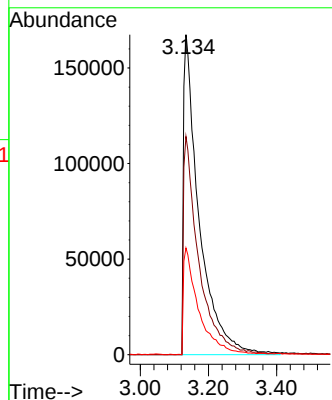
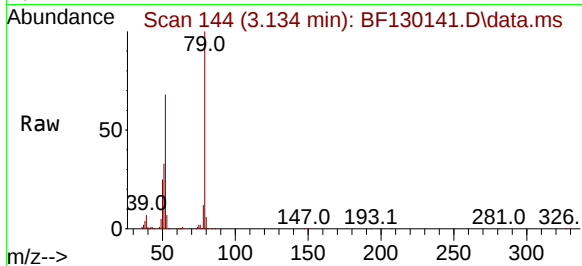




#3
Pyridine
Concen: 28.924 ng
RT: 3.134 min Scan# 14
Delta R.T. 0.094 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

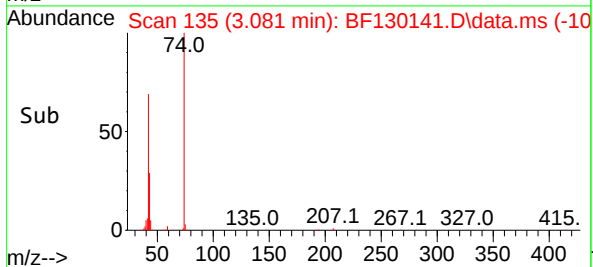
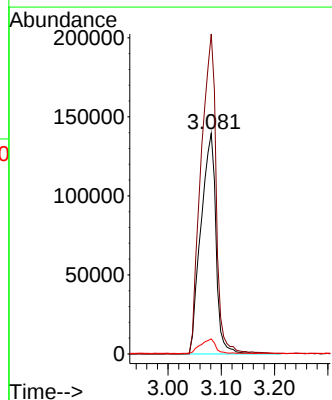
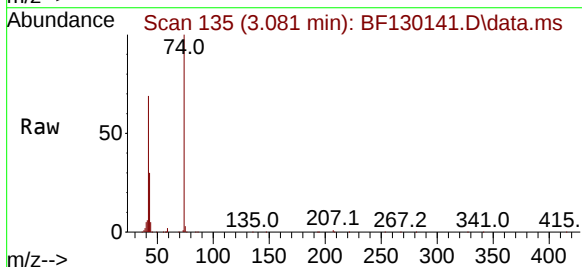
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BNA_F
ClientSampleId :
PB147437BSD

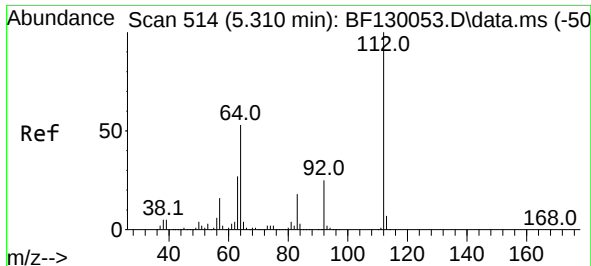
Tgt Ion: 79 Resp: 530515
Ion Ratio Lower Upper
79 100
52 68.2 59.4 89.2
51 33.3 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 38.010 ng
RT: 3.081 min Scan# 135
Delta R.T. 0.082 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

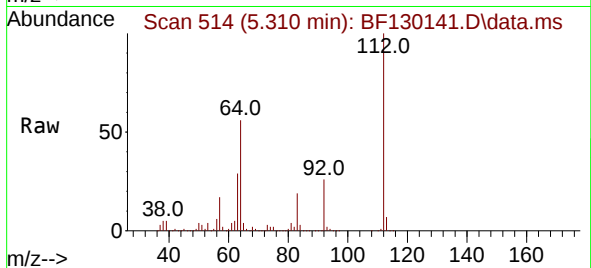
Tgt Ion: 42 Resp: 274171
Ion Ratio Lower Upper
42 100
74 145.2 103.1 154.7
44 6.8 5.4 8.2



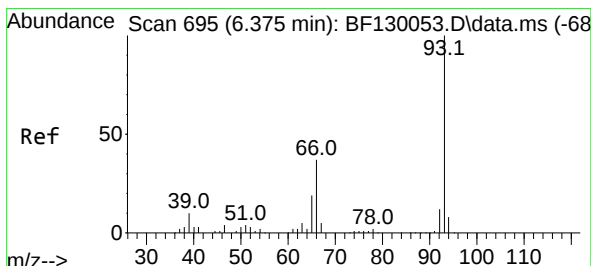
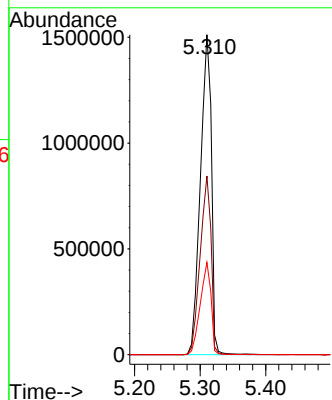
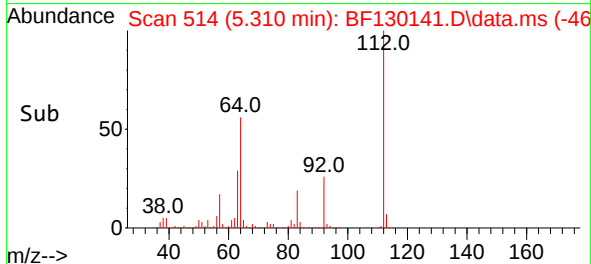


#5
2-Fluorophenol
Concen: 121.266 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PB147437BSD

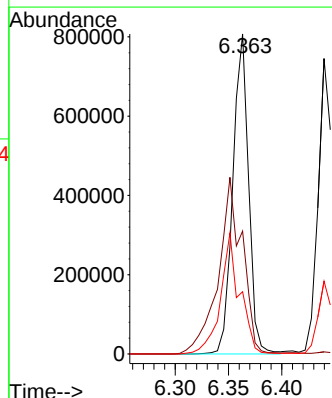
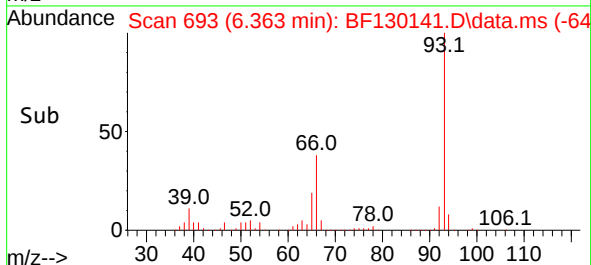
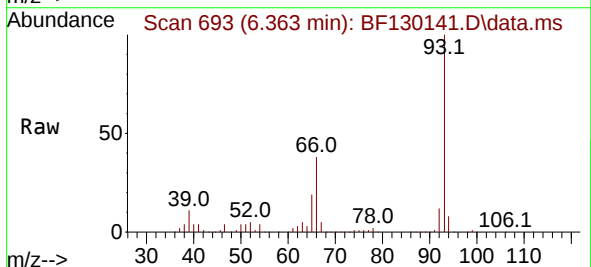


Tgt Ion:112 Resp: 1774885
Ion Ratio Lower Upper
112 100
64 55.8 47.6 71.4
63 28.9 24.6 37.0



#6
Aniline
Concen: 36.204 ng
RT: 6.363 min Scan# 693
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion: 93 Resp: 828236
Ion Ratio Lower Upper
93 100
66 38.4 68.7 103.1#
65 19.4 41.6 62.4#

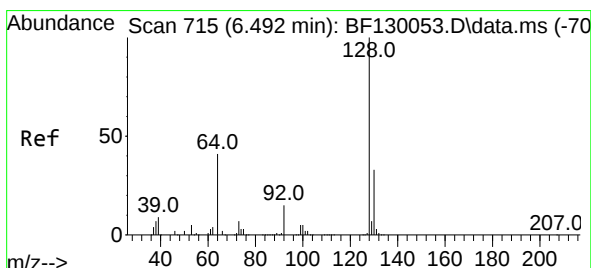
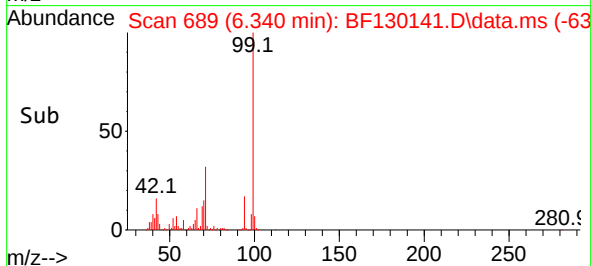
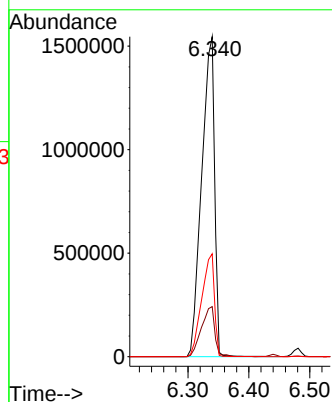
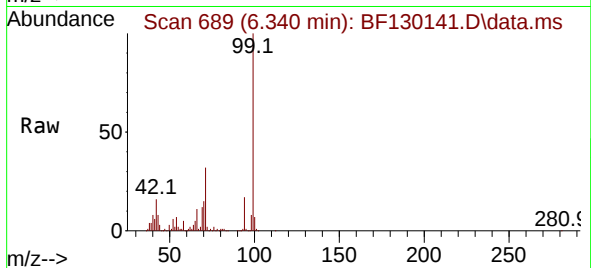




#7
Phenol-d6
Concen: 124.503 ng
RT: 6.340 min Scan# 690
Delta R.T. 0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

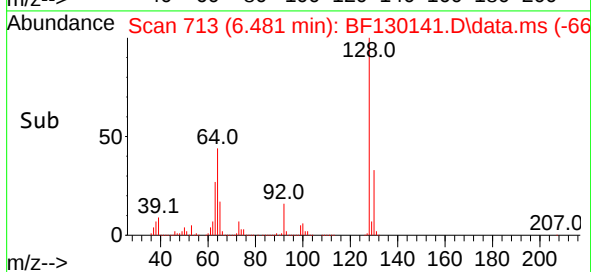
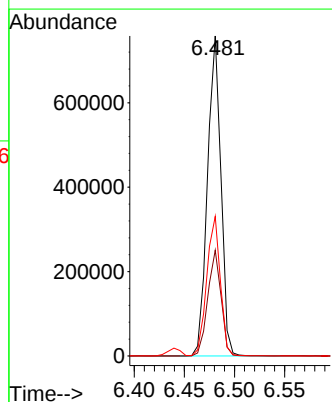
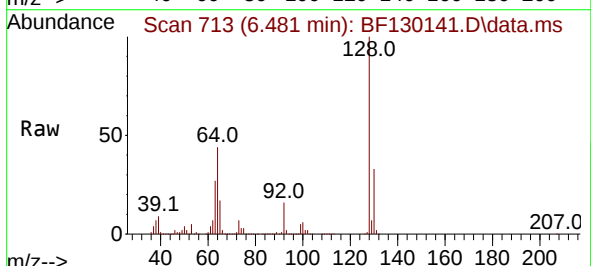
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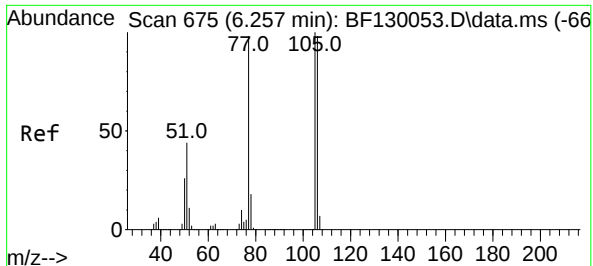
Tgt Ion: 99 Resp: 2271829
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 32.1 28.8 43.2



#8
2-Chlorophenol
Concen: 44.131 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:128 Resp: 708952
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 43.6 24.9 64.9

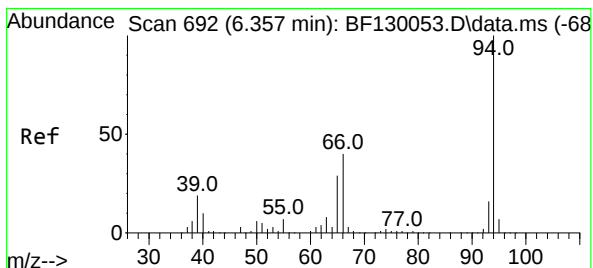
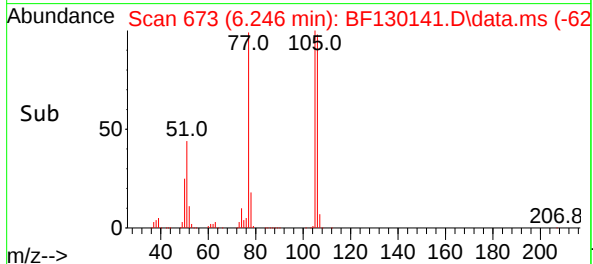
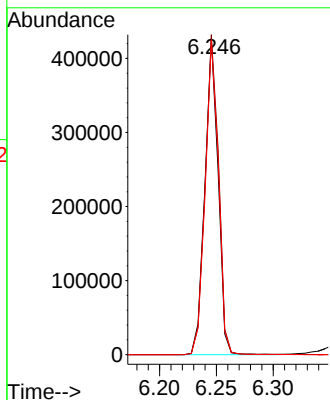
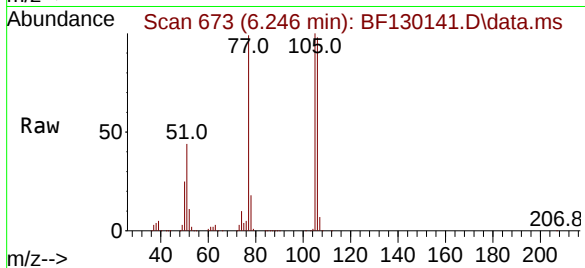




#9
Benzaldehyde
Concen: 30.778 ng
RT: 6.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

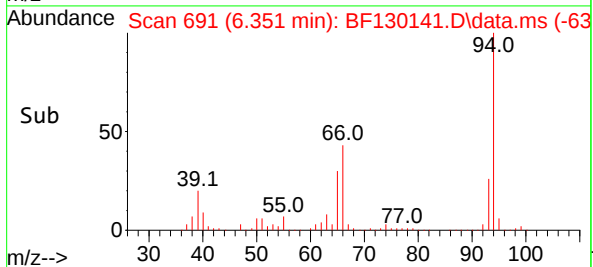
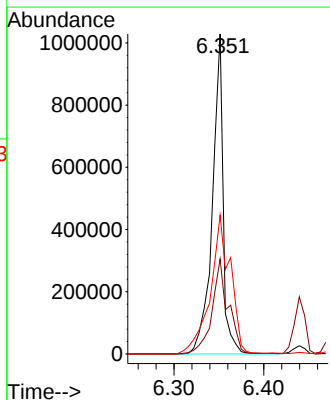
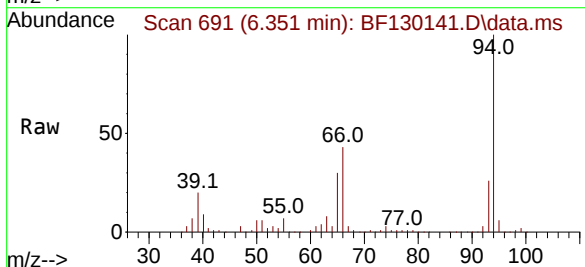
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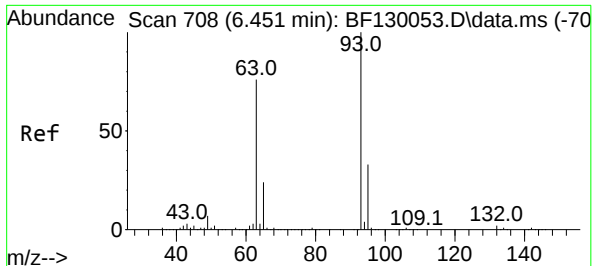
Tgt Ion: 77 Resp: 343750
Ion Ratio Lower Upper
77 100
105 101.1 80.3 120.3
106 99.4 74.3 114.3



#10
Phenol
Concen: 41.770 ng
RT: 6.351 min Scan# 691
Delta R.T. 0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion: 94 Resp: 861530
Ion Ratio Lower Upper
94 100
65 29.7 24.9 64.9
66 43.3 54.2 94.2#





#11

bis(2-Chloroethyl)ether

Concen: 40.866 ng

RT: 6.440 min Scan# 708

Delta R.T. -0.006 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

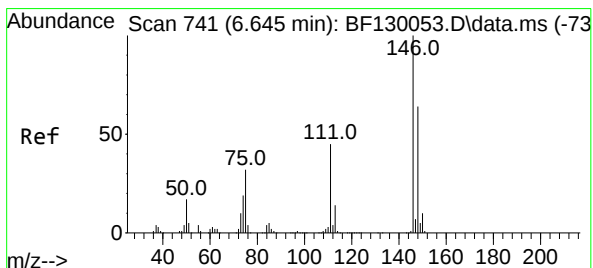
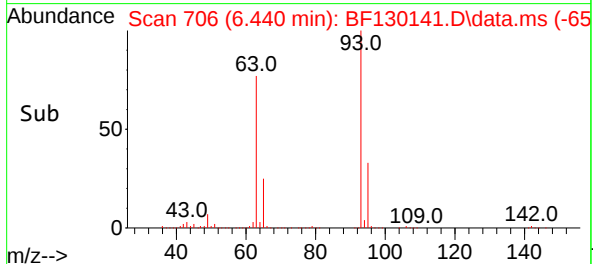
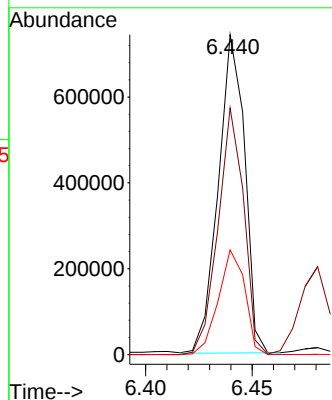
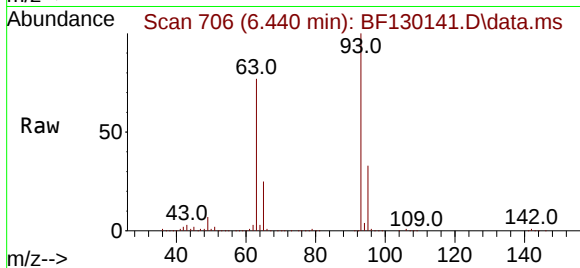
Tgt Ion: 93 Resp: 640408

Ion Ratio Lower Upper

93 100

63 77.1 55.9 95.9

95 32.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.313 ng

RT: 6.640 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

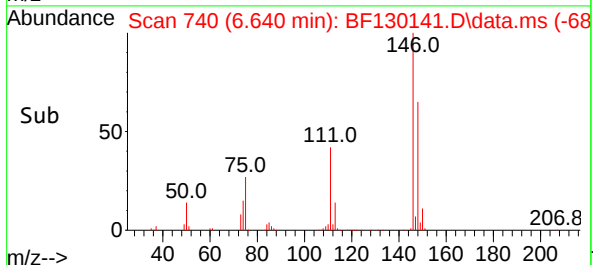
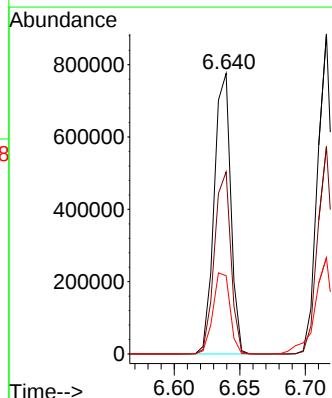
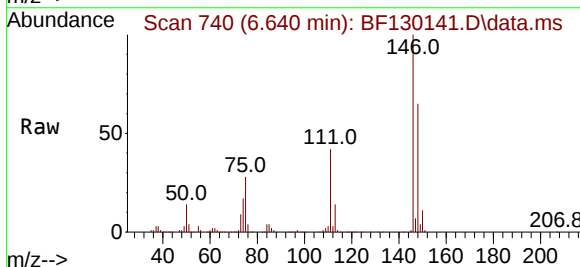
Tgt Ion:146 Resp: 682301

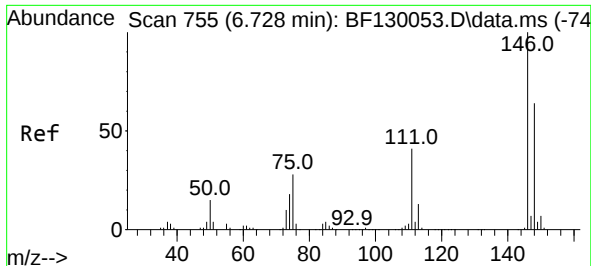
Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

75 27.9 26.5 39.7

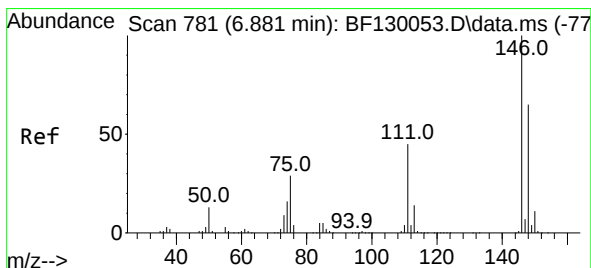
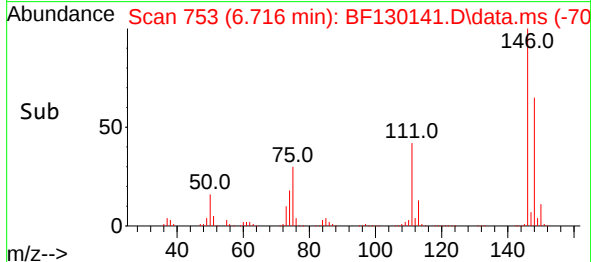
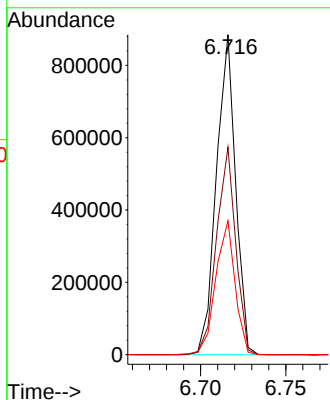
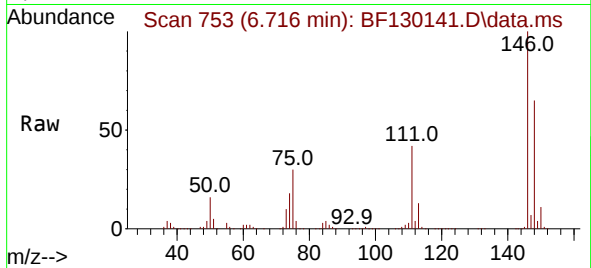




#13
1,4-Dichlorobenzene
Concen: 38.737 ng
RT: 6.716 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

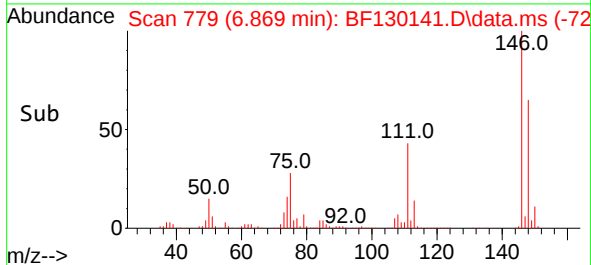
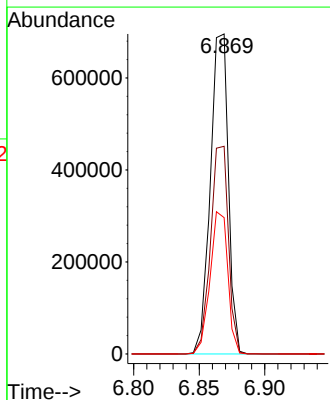
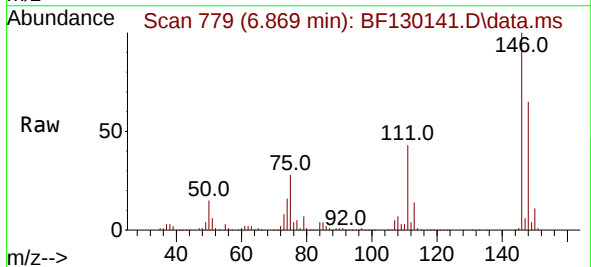
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

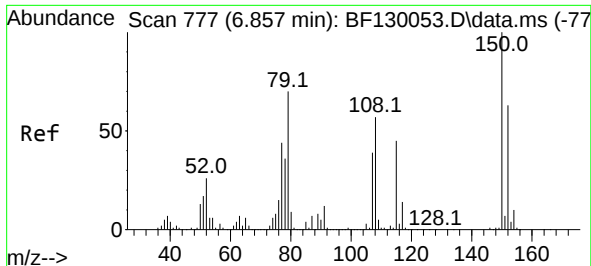
Tgt Ion:146 Resp: 694876
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
111 41.9 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 40.803 ng
RT: 6.869 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:146 Resp: 665346
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 42.6 37.2 55.8

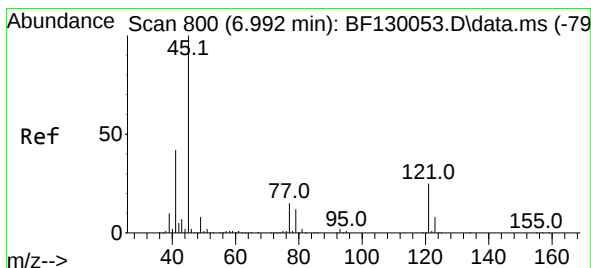
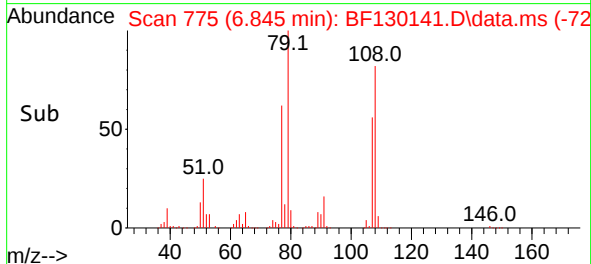
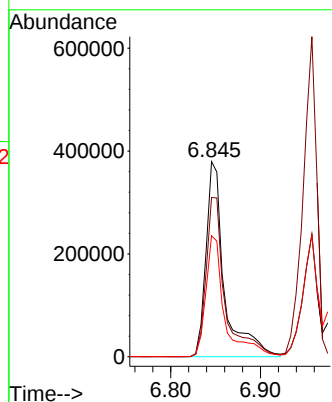
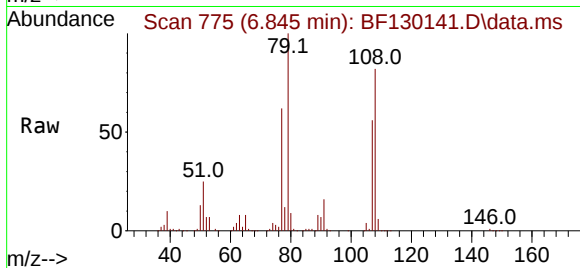




#15
Benzyl Alcohol
Concen: 44.278 ng
RT: 6.845 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

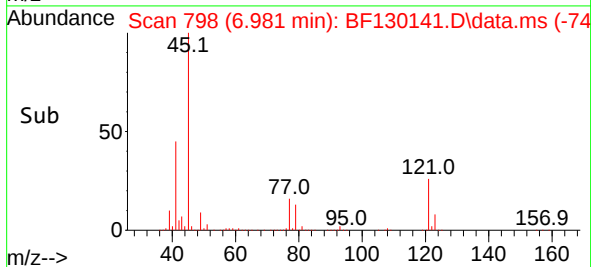
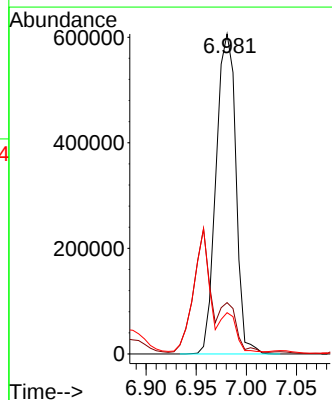
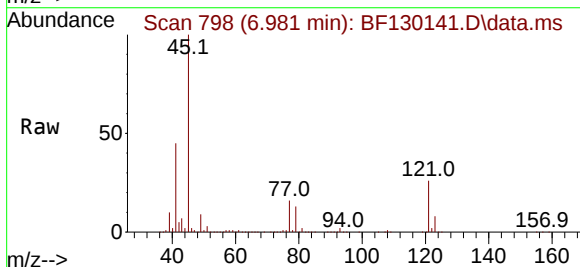
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

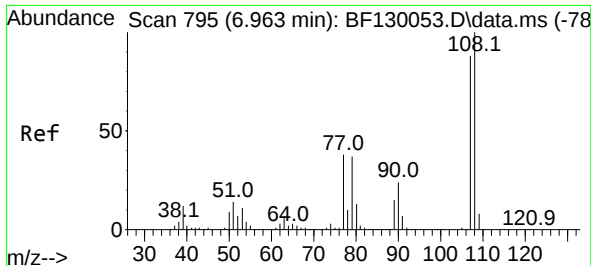
Tgt Ion: 79 Resp: 544579
Ion Ratio Lower Upper
79 100
108 81.6 59.2 88.8
77 62.0 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.958 ng
RT: 6.981 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion: 45 Resp: 829722
Ion Ratio Lower Upper
45 100
77 16.0 27.4 67.4#
79 12.9 24.4 64.4#

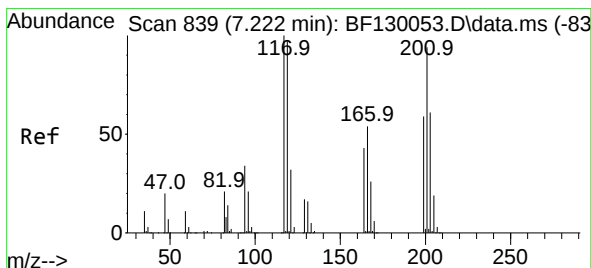
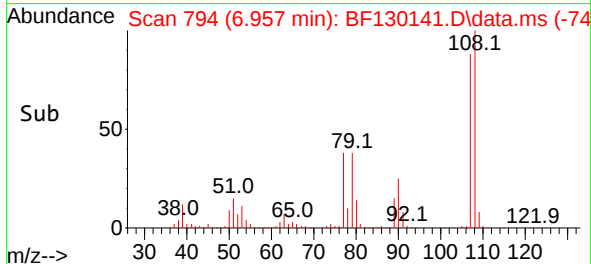
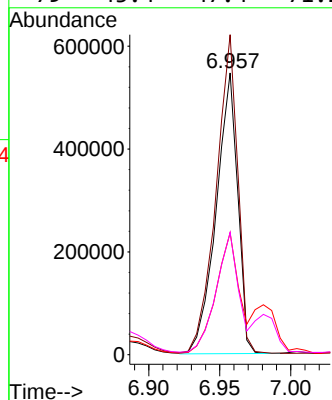
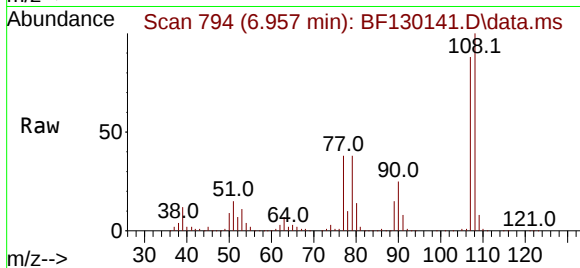




#17
2-Methylphenol
Concen: 42.576 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

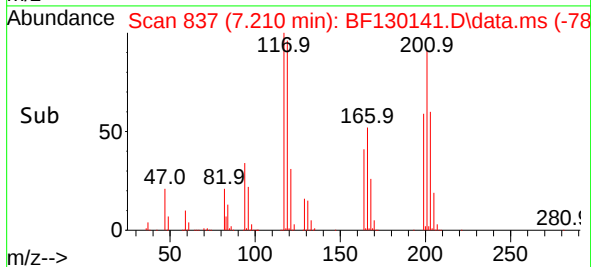
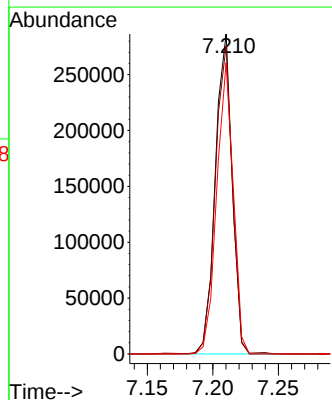
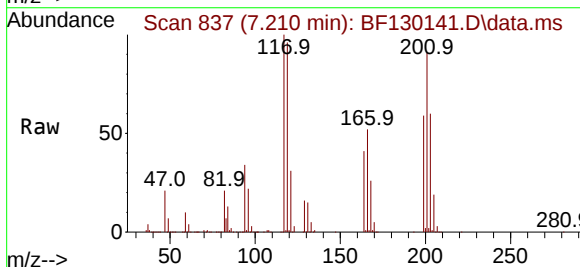
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

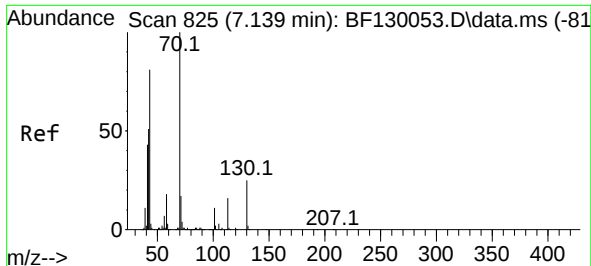
Tgt Ion:107 Resp: 575443
Ion Ratio Lower Upper
107 100
108 113.6 90.2 135.2
77 43.2 51.8 77.8#
79 43.4 47.4 71.2#



#18
Hexachloroethane
Concen: 39.455 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:117 Resp: 255574
Ion Ratio Lower Upper
117 100
119 96.3 79.1 118.7
201 91.1 66.6 100.0

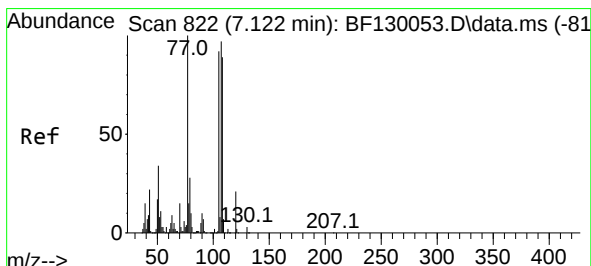
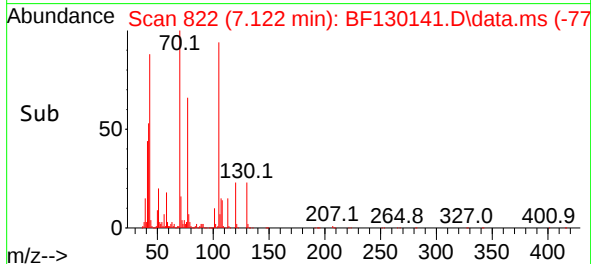
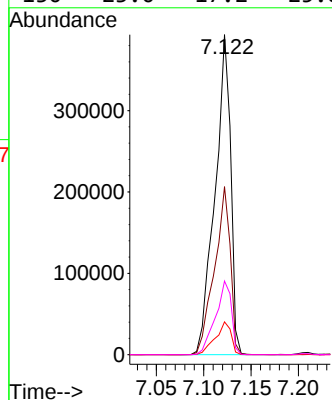
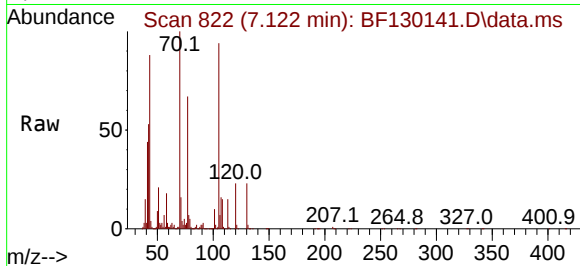




#19
n-Nitroso-di-n-propylamine
Concen: 41.242 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

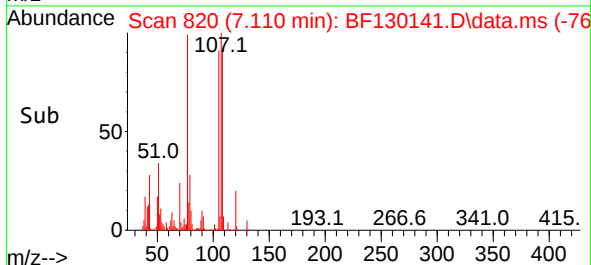
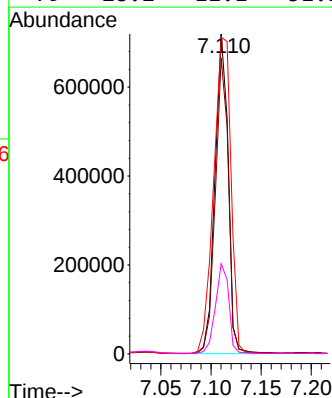
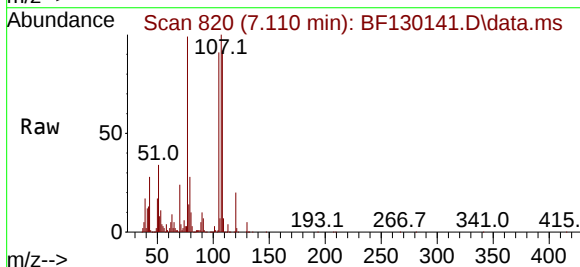
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

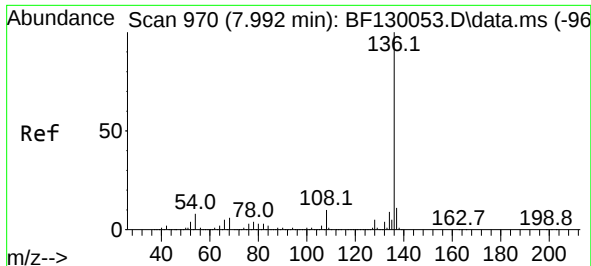
Tgt Ion: 70 Resp: 453364
Ion Ratio Lower Upper
70 100
42 52.5 47.6 71.4
101 10.3 8.1 12.1
130 23.0 17.2 25.8



#20
3+4-Methylphenols
Concen: 41.574 ng
RT: 7.110 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion: 107 Resp: 658938
Ion Ratio Lower Upper
107 100
108 92.4 71.3 111.3
77 99.0 20.4 60.4#
79 28.2 11.1 51.1

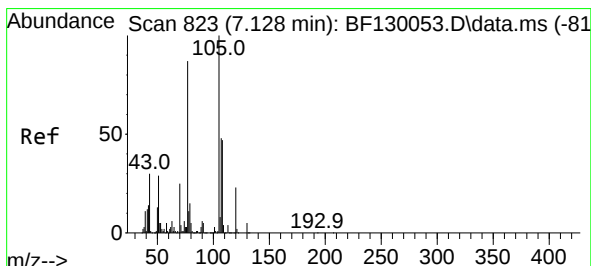
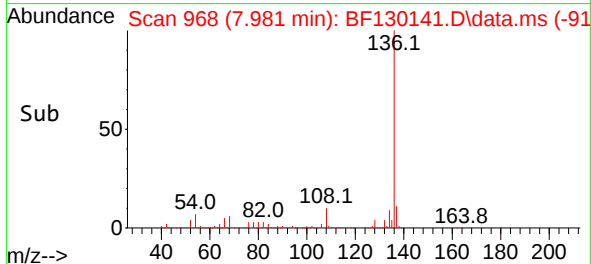
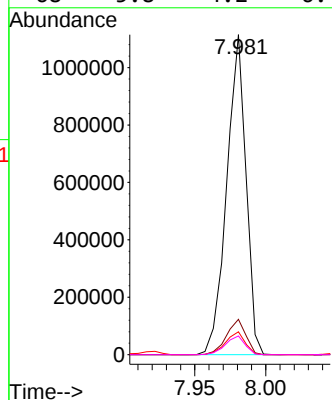
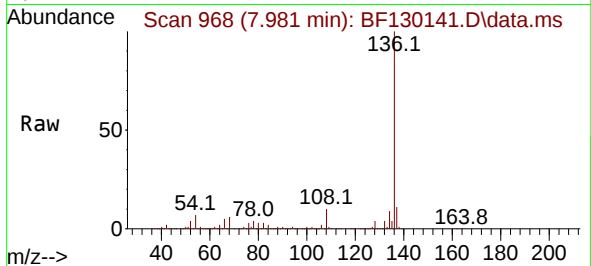




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

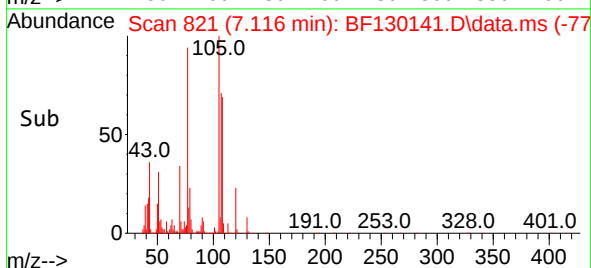
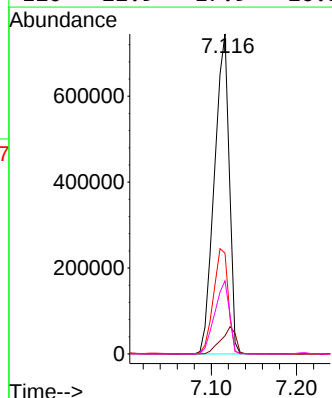
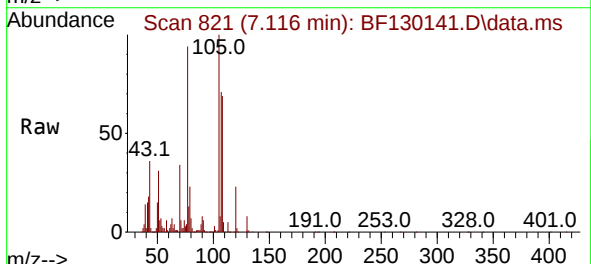
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

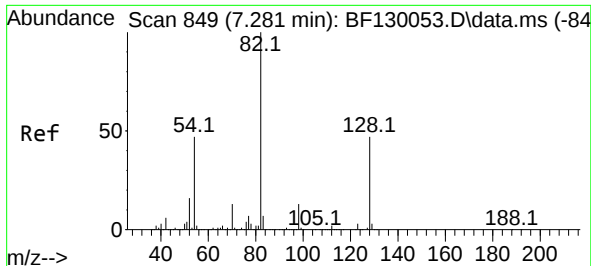
Tgt Ion:136 Resp: 1051756
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.1 6.2 9.2
68 5.8 4.2 6.4



#22
Acetophenone
Concen: 38.198 ng
RT: 7.116 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:105 Resp: 897561
Ion Ratio Lower Upper
105 100
71 5.7 6.6 9.8#
51 31.5 23.8 35.8
120 22.9 17.9 26.9





#23

Nitrobenzene-d5

Concen: 85.434 ng

RT: 7.269 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

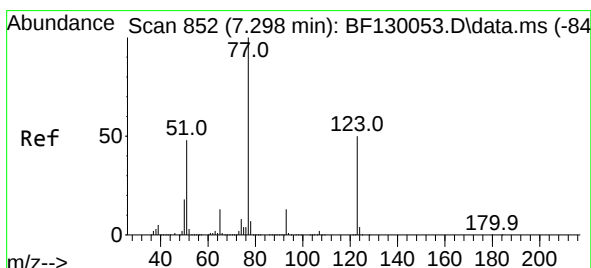
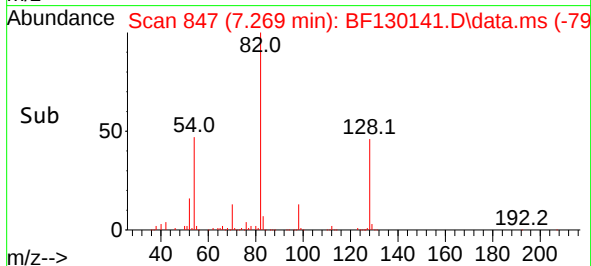
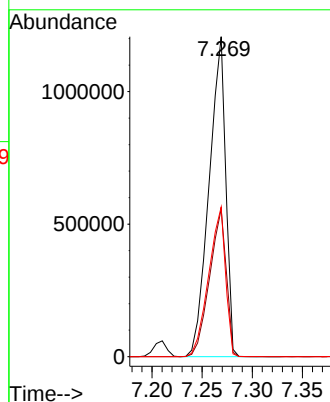
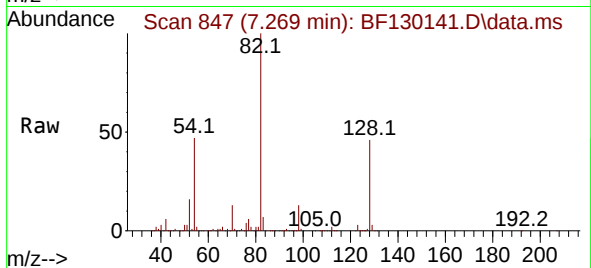
Tgt Ion: 82 Resp: 1398175

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

54 46.8 40.0 60.0



#24

Nitrobenzene

Concen: 39.945 ng

RT: 7.287 min Scan# 850

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

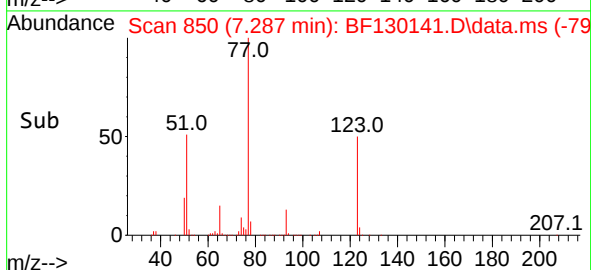
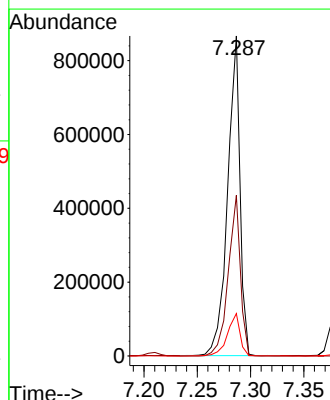
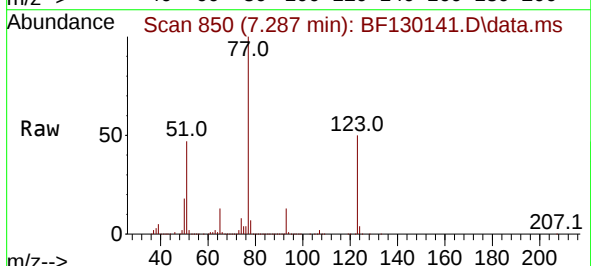
Tgt Ion: 77 Resp: 695241

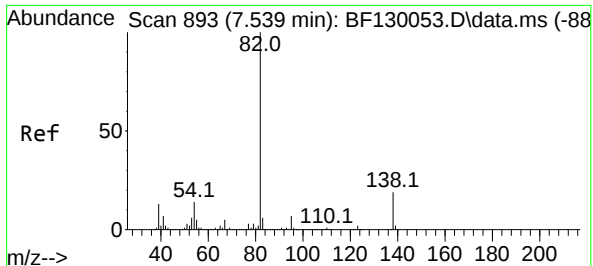
Ion Ratio Lower Upper

77 100

123 50.2 39.2 58.8

65 13.3 11.1 16.7

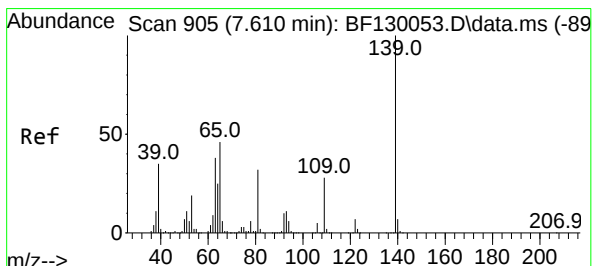
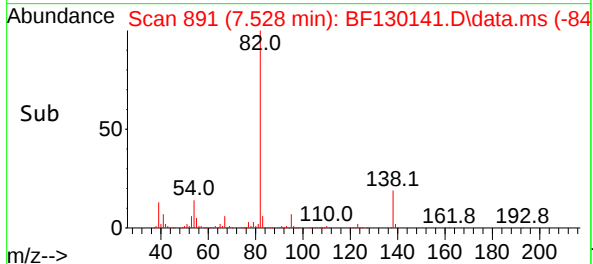
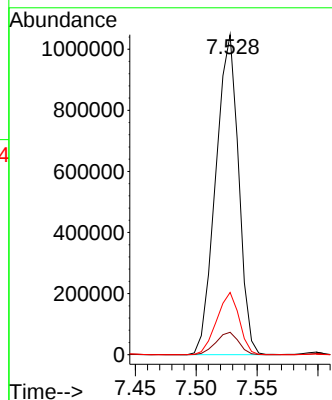
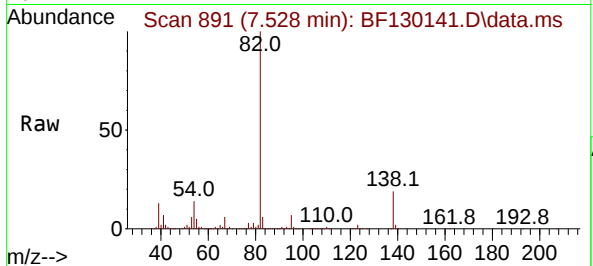




#25
Isophorone
Concen: 41.318 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

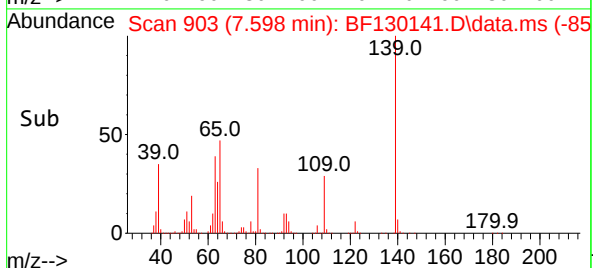
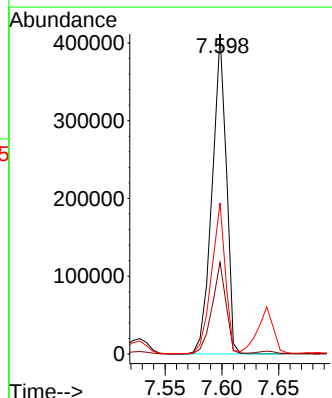
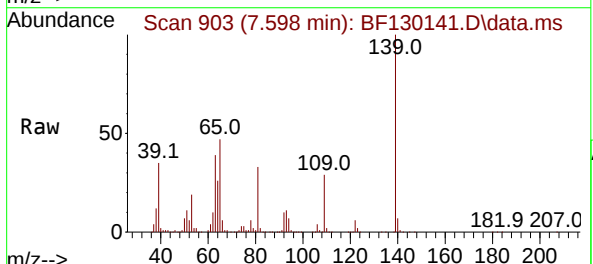
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

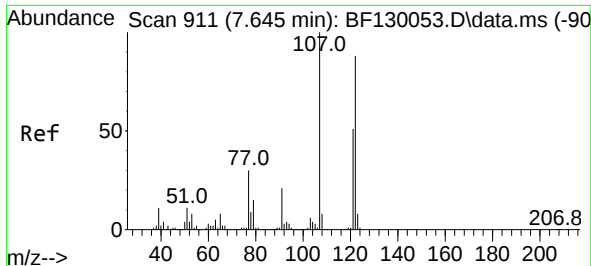
Tgt Ion: 82 Resp: 1368614
Ion Ratio Lower Upper
82 100
95 7.0 5.9 8.9
138 19.4 14.6 21.8



#26
2-Nitrophenol
Concen: 43.980 ng
RT: 7.598 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion: 139 Resp: 357002
Ion Ratio Lower Upper
139 100
109 28.6 24.4 36.6
65 47.2 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.364 ng

RT: 7.640 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130141.D

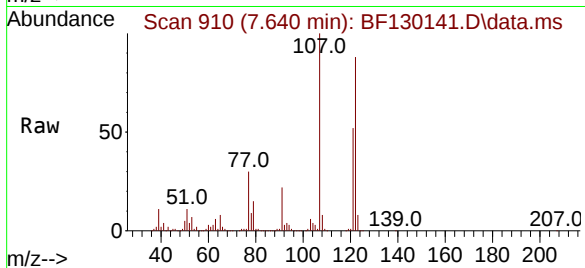
Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD



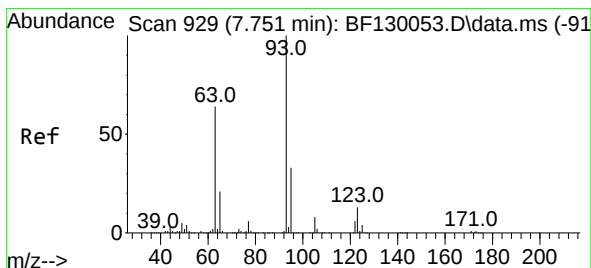
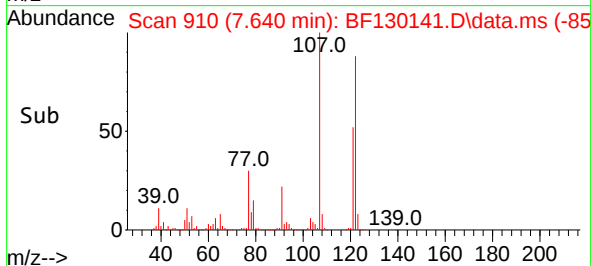
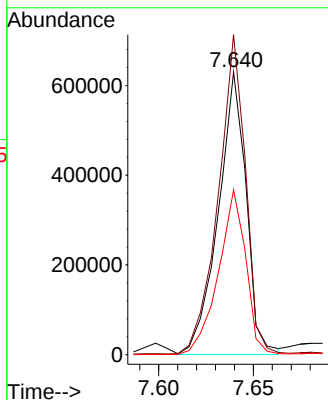
Tgt Ion:122 Resp: 644412

Ion Ratio Lower Upper

122 100

107 113.2 92.2 138.4

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.136 ng

RT: 7.740 min Scan# 927

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

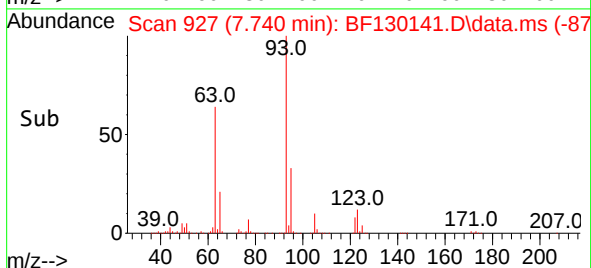
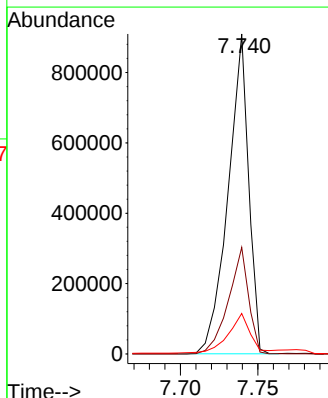
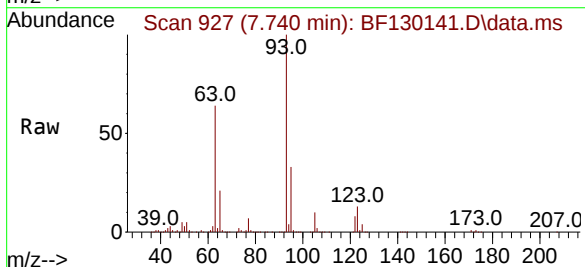
Tgt Ion: 93 Resp: 838398

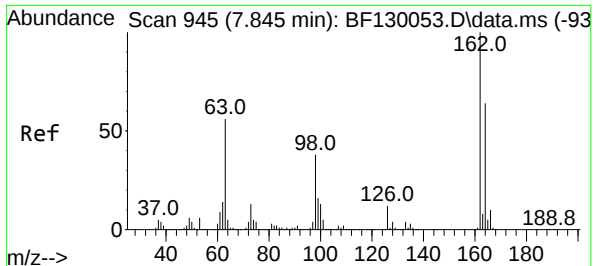
Ion Ratio Lower Upper

93 100

95 33.3 25.6 38.4

123 12.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.337 ng

RT: 7.840 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

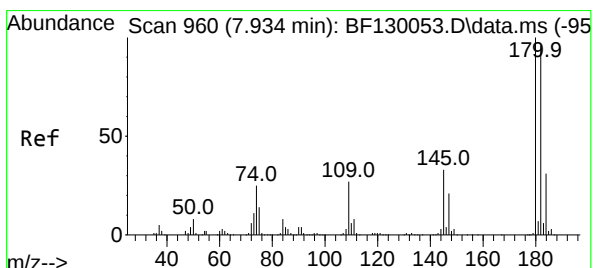
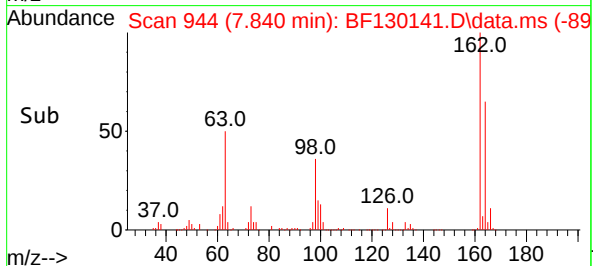
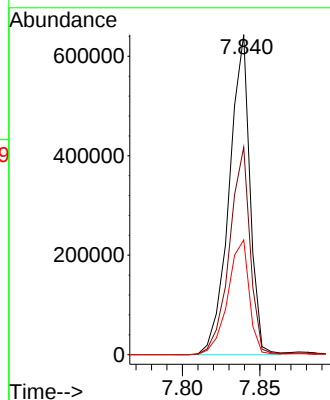
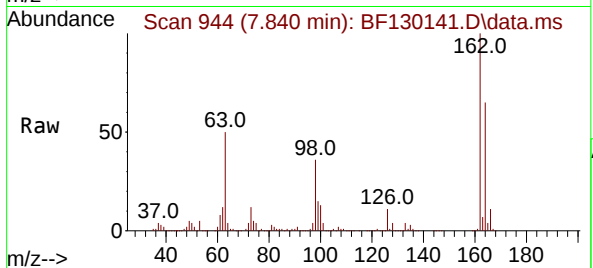
Tgt Ion:162 Resp: 599684

Ion Ratio Lower Upper

162 100

164 64.9 43.7 83.7

98 35.9 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 36.982 ng

RT: 7.922 min Scan# 958

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

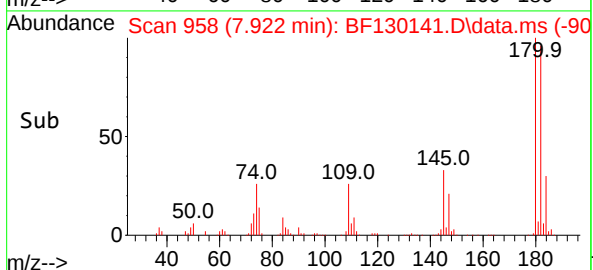
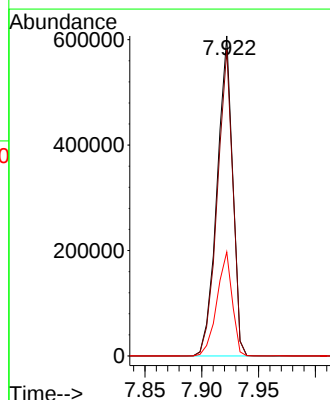
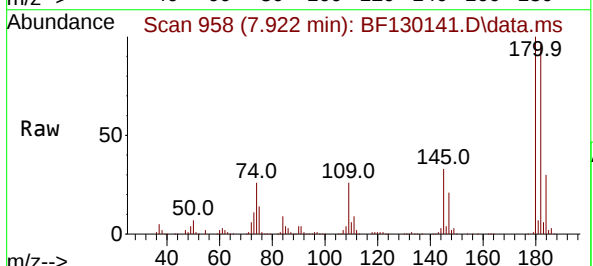
Tgt Ion:180 Resp: 579722

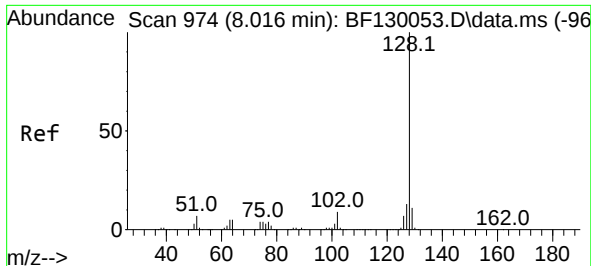
Ion Ratio Lower Upper

180 100

182 95.7 77.6 116.4

145 32.5 25.6 38.4

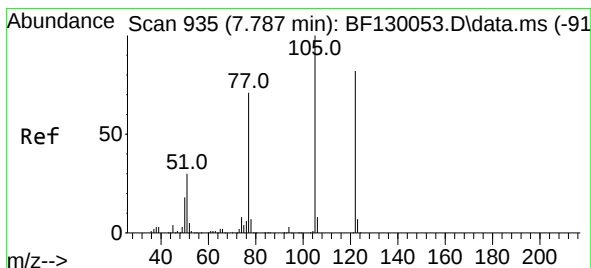
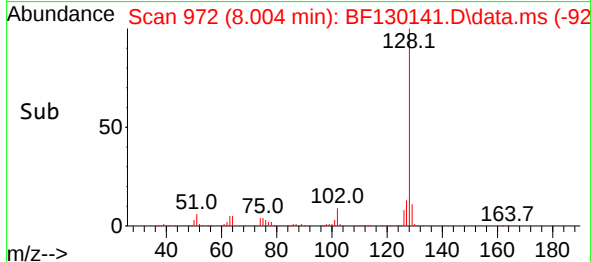
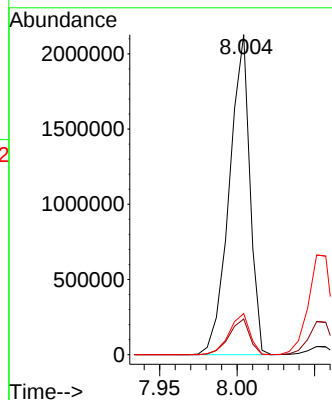
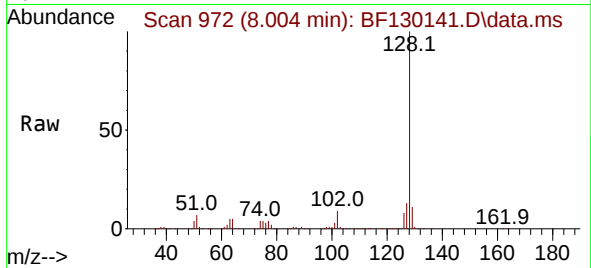




#31
Naphthalene
Concen: 36.992 ng
RT: 8.004 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

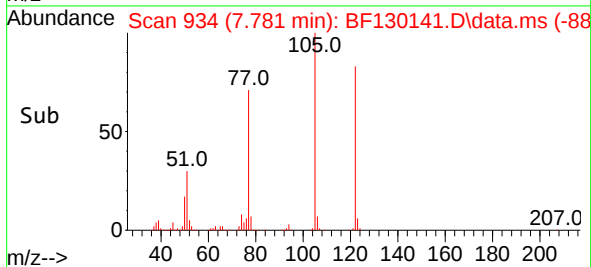
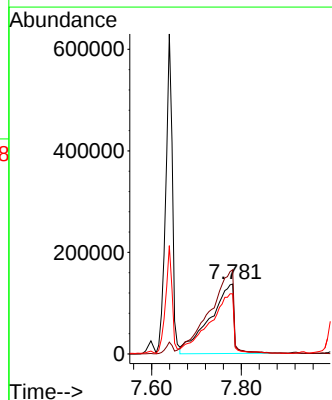
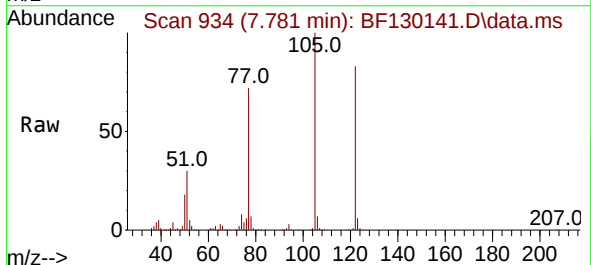
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

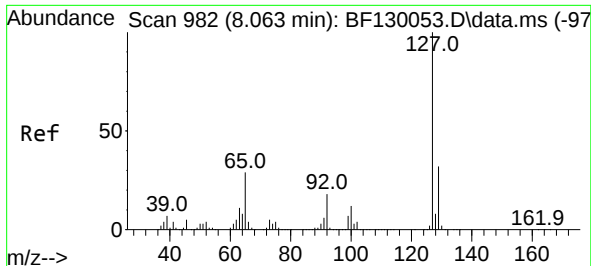
Tgt Ion:128 Resp: 1962254
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 45.742 ng
RT: 7.781 min Scan# 934
Delta R.T. 0.012 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:122 Resp: 515034
Ion Ratio Lower Upper
122 100
105 120.4 99.9 139.9
77 86.2 65.9 105.9

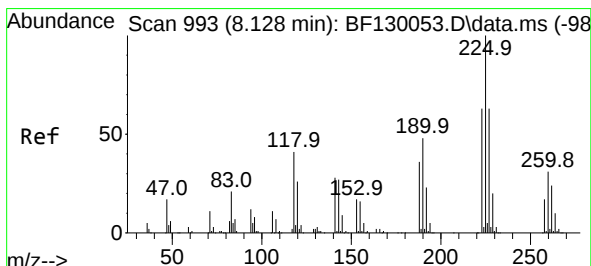
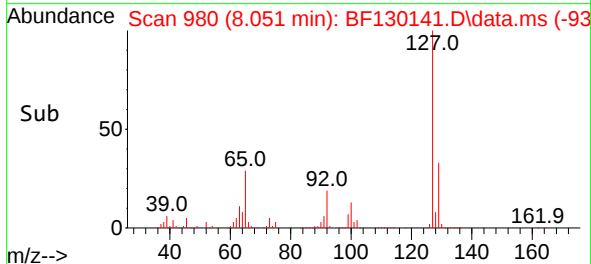
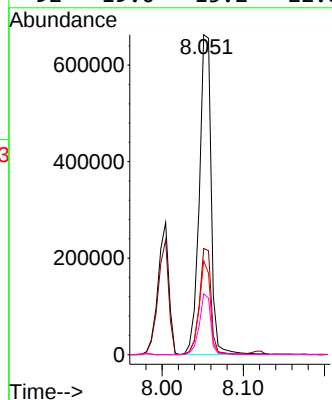
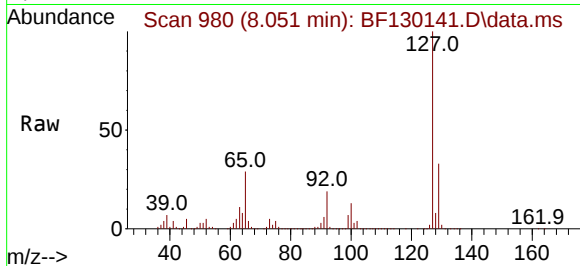




#33
4-Chloroaniline
Concen: 31.651 ng
RT: 8.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

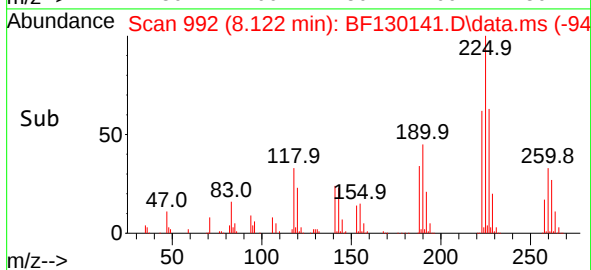
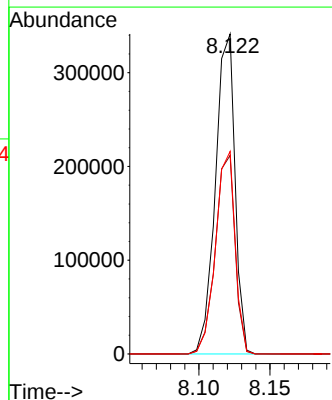
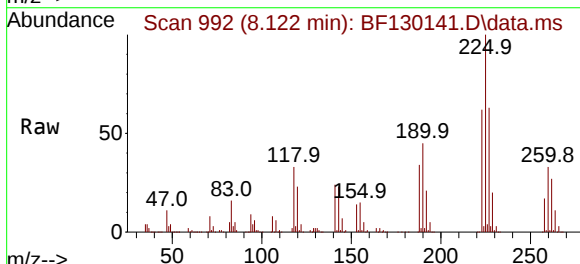
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

Tgt Ion:	127	Resp:	678308
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	29.3	24.2	36.2
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.391 ng
RT: 8.122 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:	225	Resp:	326709
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	63.3	50.6	75.8

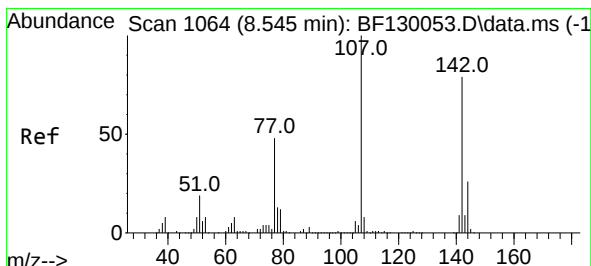
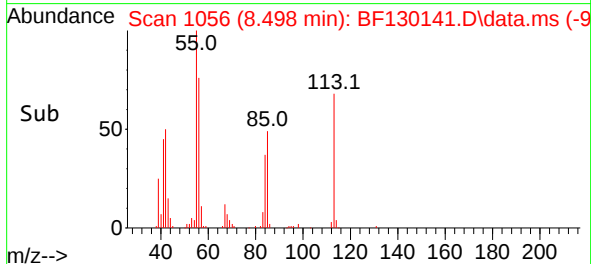
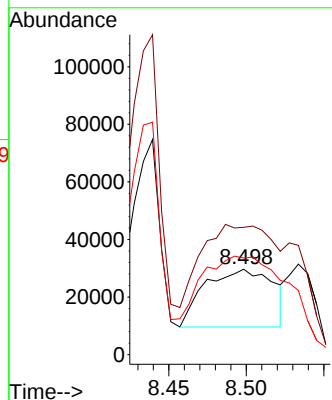
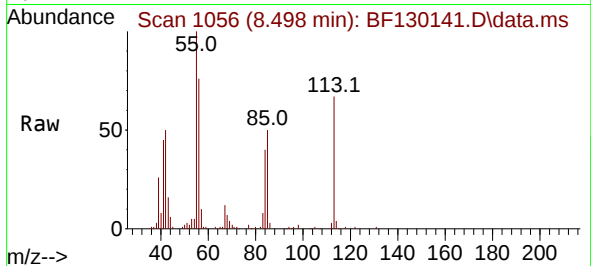




#35
 Caprolactam
 Concen: 13.298 ng
 RT: 8.498 min Scan# 1056
 Delta R.T. 0.059 min
 Lab File: BF130141.D
 Acq: 06 Sep 2022 17:04

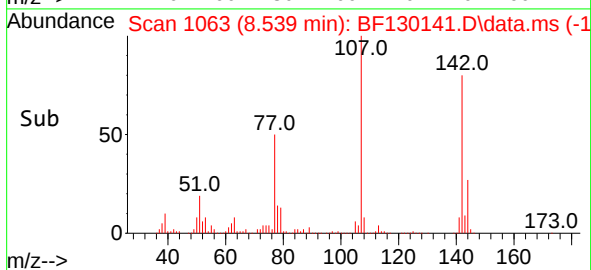
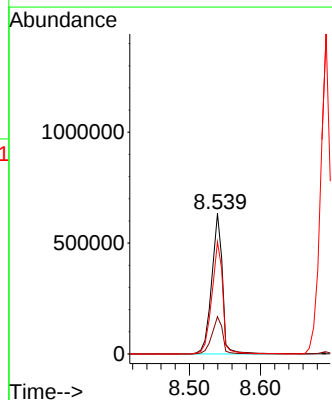
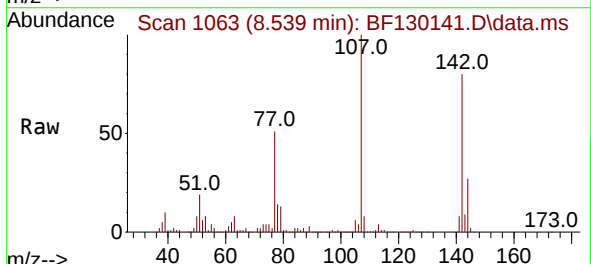
Instrument :
 BNA_F
 ClientSampleId :
 PB147437BSD

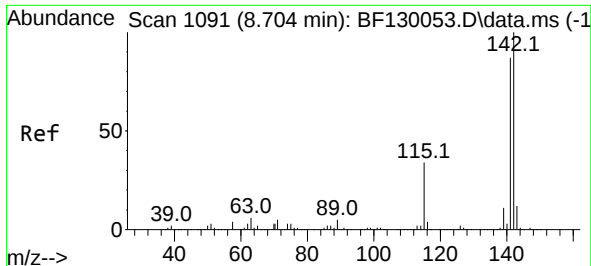
Tgt Ion:113 Resp: 61267
 Ion Ratio Lower Upper
 113 100
 55 148.9 148.8 188.8
 56 113.0 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.285 ng
 RT: 8.539 min Scan# 1063
 Delta R.T. 0.006 min
 Lab File: BF130141.D
 Acq: 06 Sep 2022 17:04

Tgt Ion:107 Resp: 666224
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.9 29.9
 142 79.8 60.2 90.4





#37

2-Methylnaphthalene

Concen: 38.946 ng

RT: 8.692 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

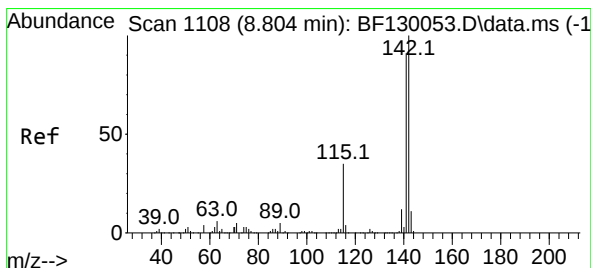
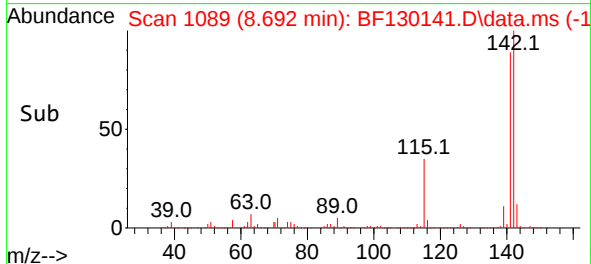
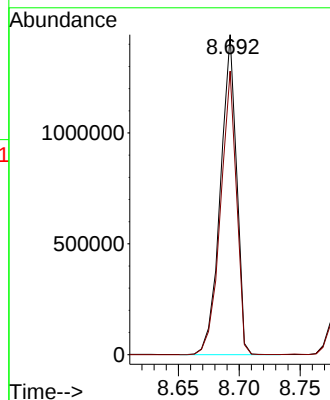
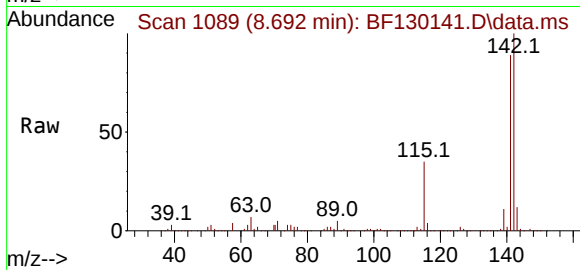
PB147437BSD

Tgt Ion:142 Resp: 1330796

Ion Ratio Lower Upper

142 100

141 88.6 70.9 106.3



#38

1-Methylnaphthalene

Concen: 38.244 ng

RT: 8.792 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130141.D

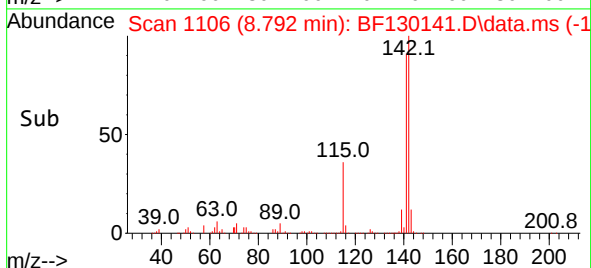
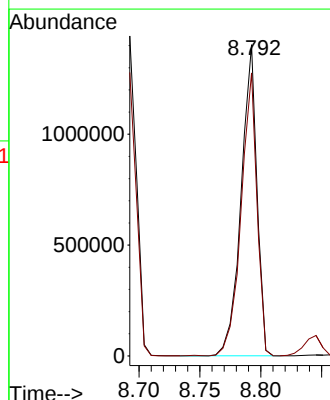
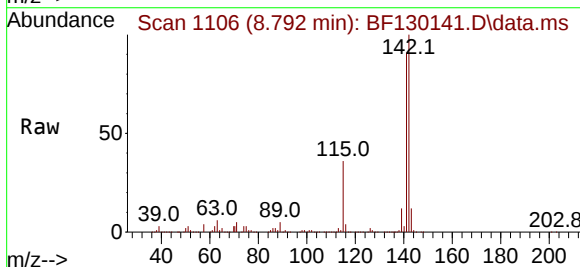
Acq: 06 Sep 2022 17:04

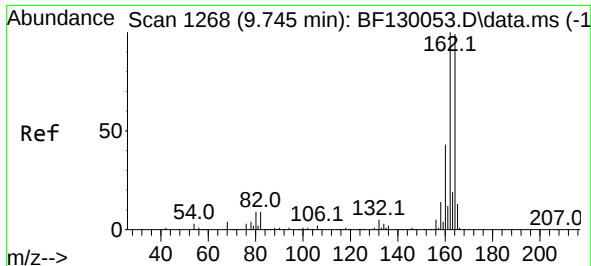
Tgt Ion:142 Resp: 1270210

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3

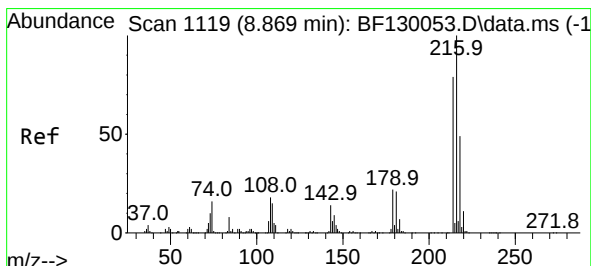
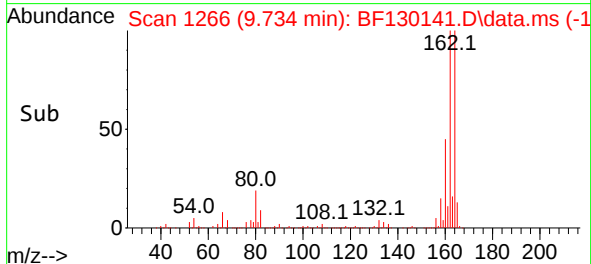
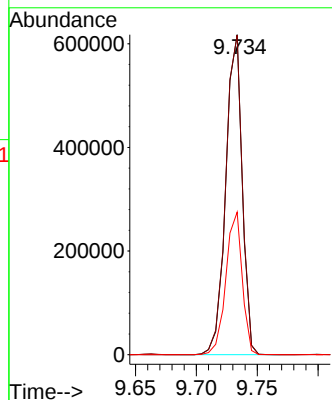
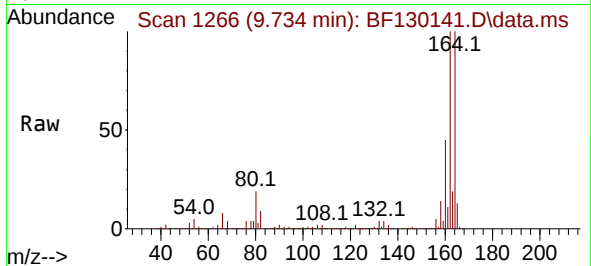




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

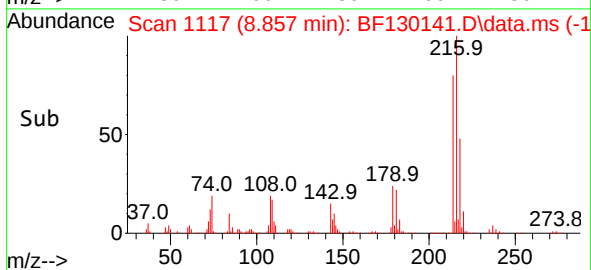
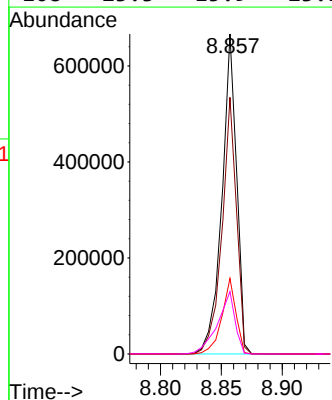
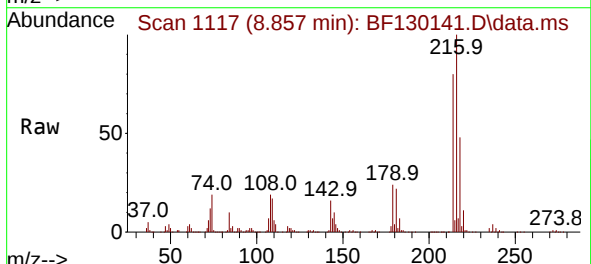
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

Tgt Ion:164 Resp: 577640
Ion Ratio Lower Upper
164 100
162 99.9 82.0 123.0
160 44.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.170 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:216 Resp: 559878
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 22.8 18.1 27.1
108 23.3 15.9 23.9

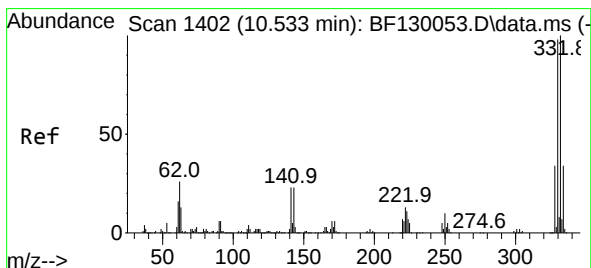
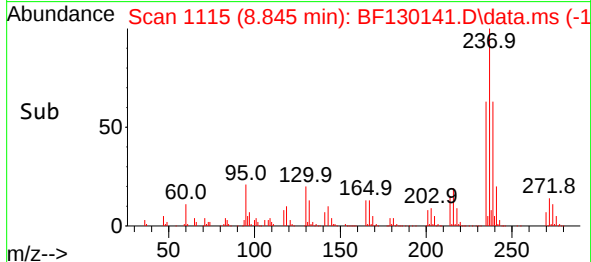
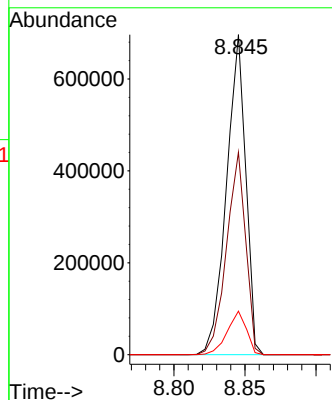
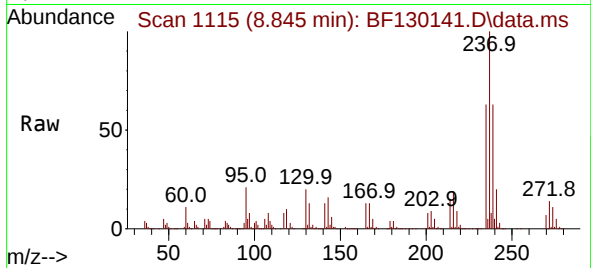




#41
Hexachlorocyclopentadiene
Concen: 83.531 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

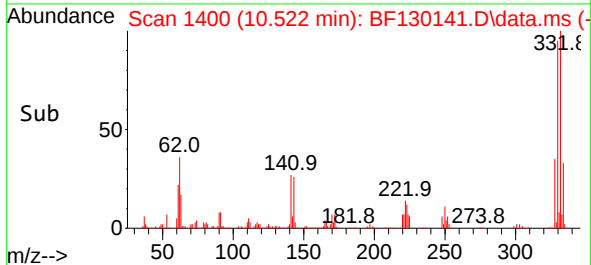
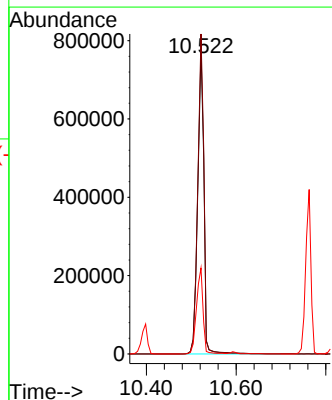
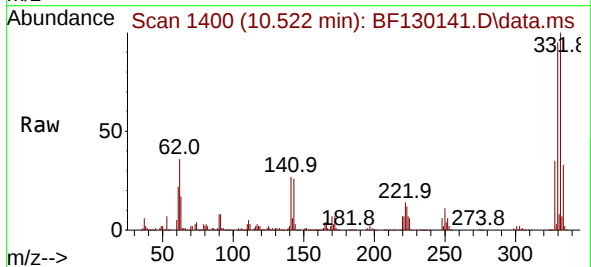
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

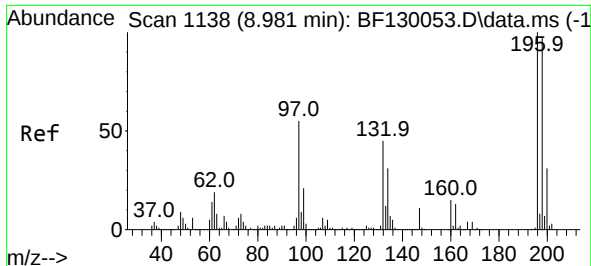
Tgt Ion:237 Resp: 657547
Ion Ratio Lower Upper
237 100
235 63.3 41.5 81.5
272 13.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 140.981 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:330 Resp: 741295
Ion Ratio Lower Upper
330 100
332 104.4 82.6 124.0
141 29.9 27.6 41.4

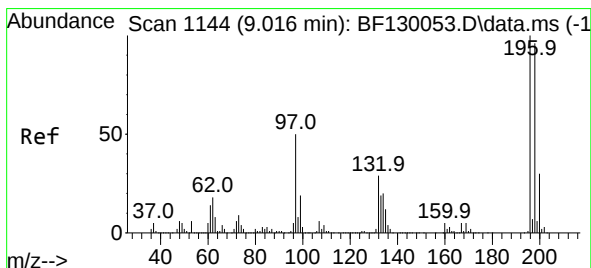
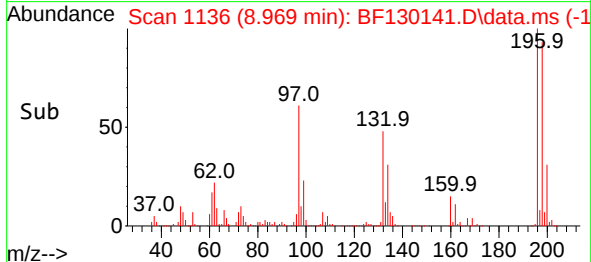
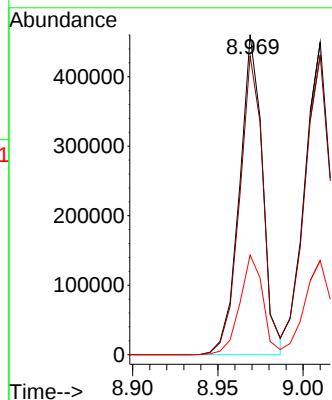
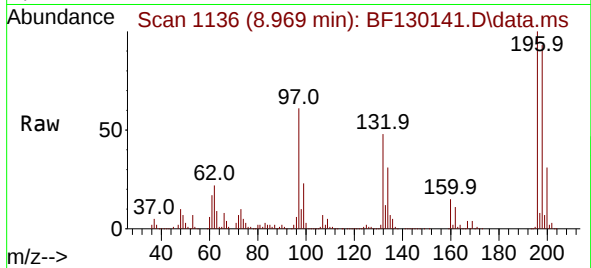




#43
2,4,6-Trichlorophenol
Concen: 40.363 ng
RT: 8.969 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

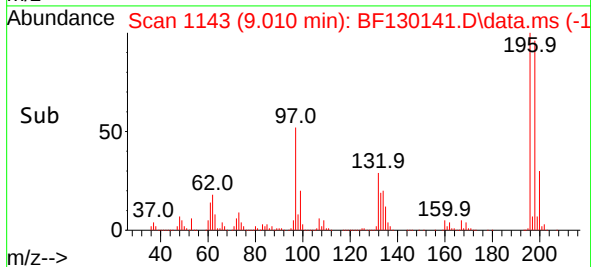
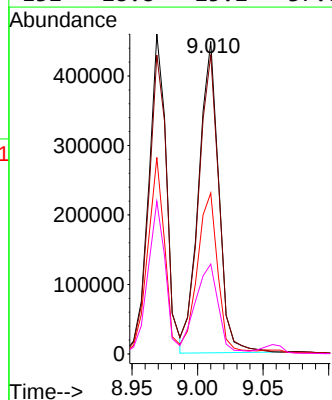
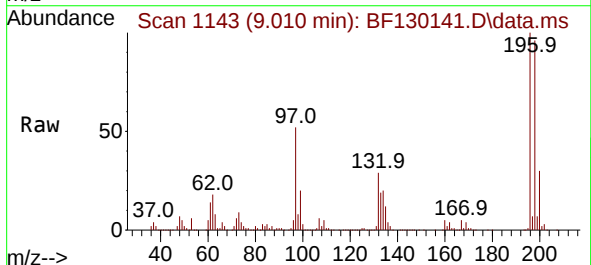
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

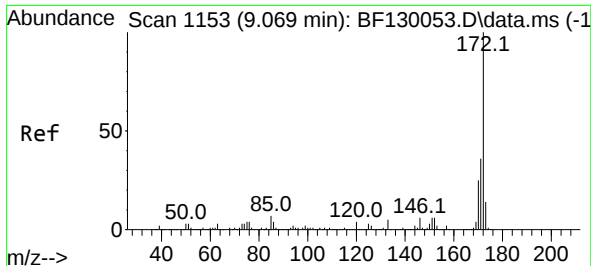
Tgt Ion:196 Resp: 433974
Ion Ratio Lower Upper
196 100
198 93.4 79.0 118.4
200 31.1 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 40.963 ng
RT: 9.010 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:196 Resp: 477365
Ion Ratio Lower Upper
196 100
198 95.8 76.4 114.6
97 51.5 46.5 69.7
132 28.8 25.2 37.8

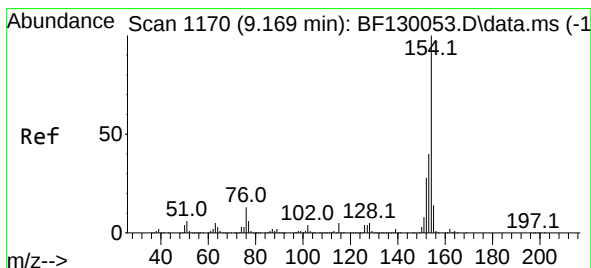
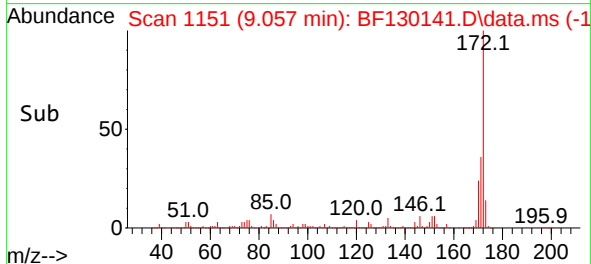
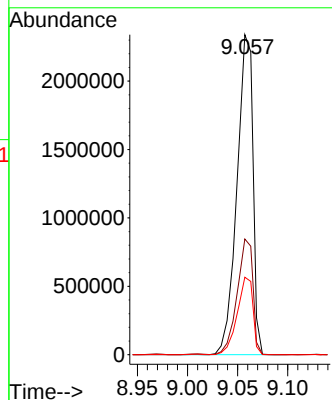
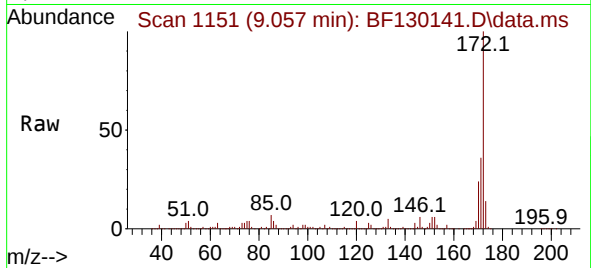




#45
2-Fluorobiphenyl
Concen: 74.578 ng
RT: 9.057 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

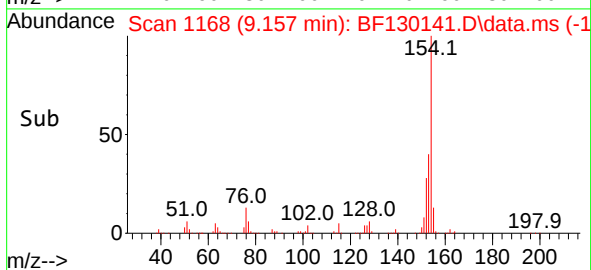
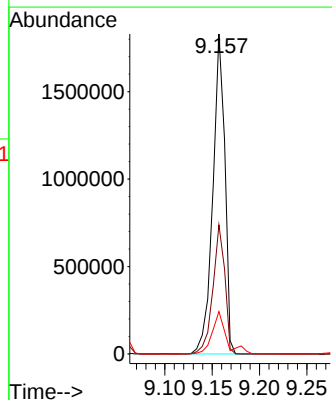
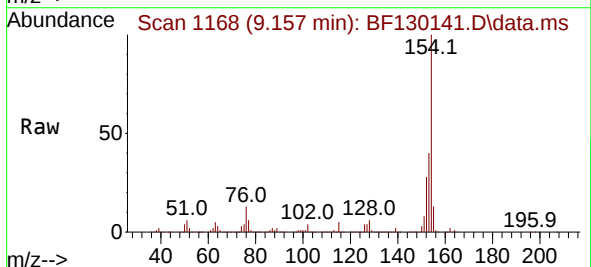
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

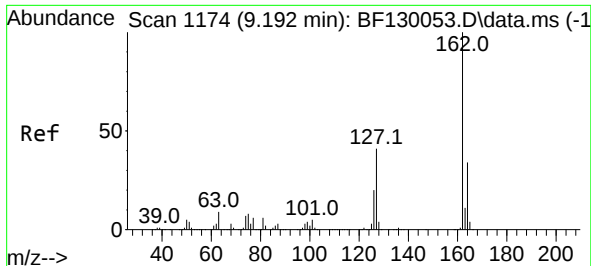
Tgt Ion:172 Resp: 2598317
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.2 19.1 28.7



#46
1,1'-Biphenyl
Concen: 38.380 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:154 Resp: 1610643
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 13.2 0.0 32.1

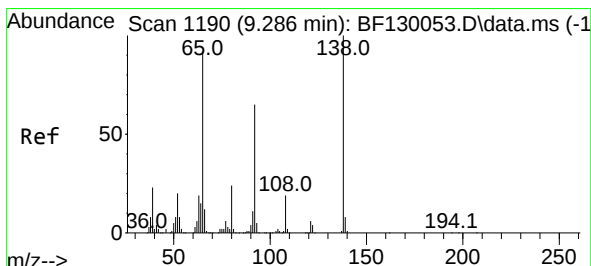
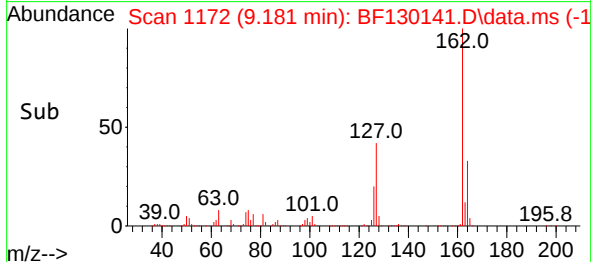
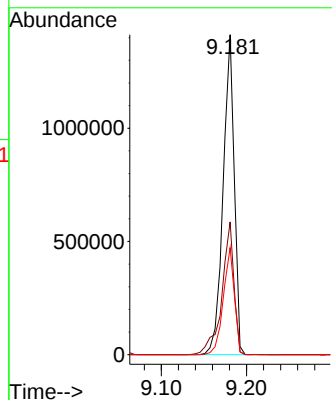
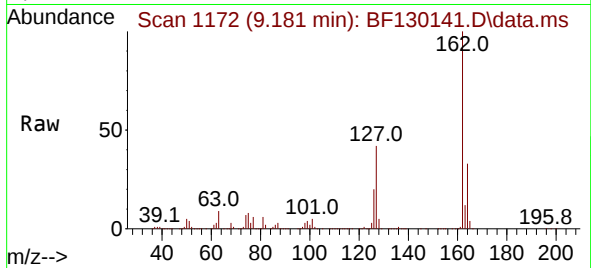




#47
2-Chloronaphthalene
Concen: 38.116 ng
RT: 9.181 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

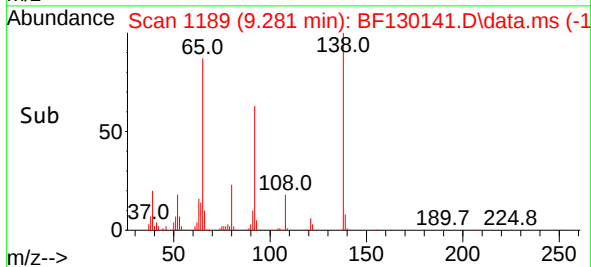
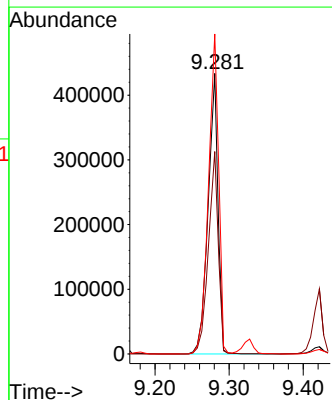
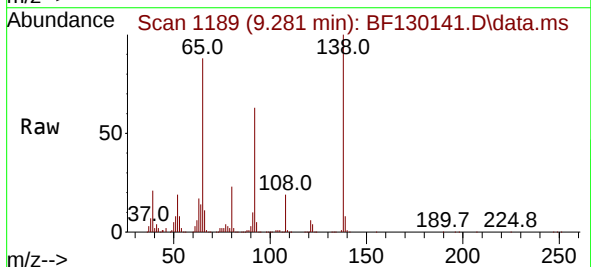
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

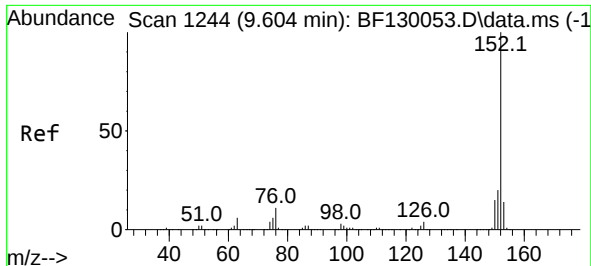
Tgt Ion:162 Resp: 1281626
Ion Ratio Lower Upper
162 100
127 41.5 33.1 49.7
164 33.5 26.7 40.1



#48
2-Nitroaniline
Concen: 49.190 ng
RT: 9.281 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion: 65 Resp: 407584
Ion Ratio Lower Upper
65 100
92 72.2 55.0 82.4
138 114.1 81.3 121.9

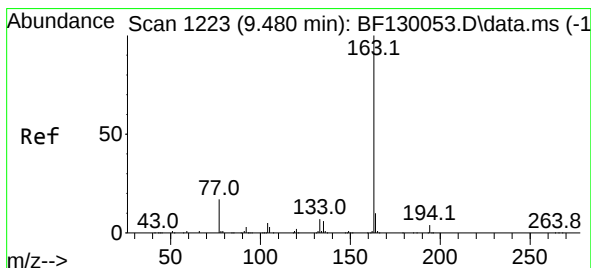
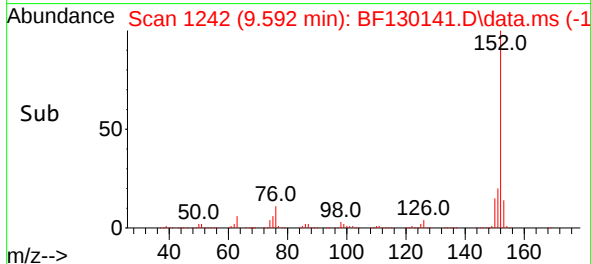
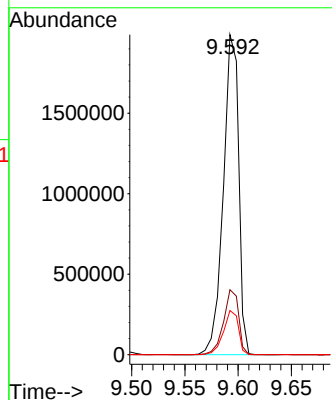
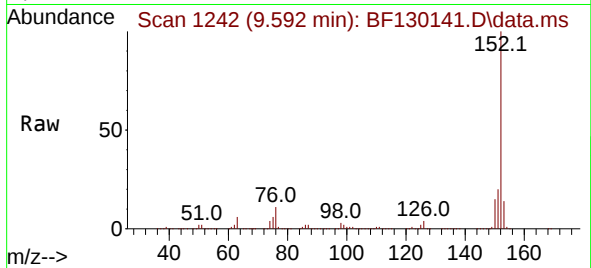




#49
Acenaphthylene
Concen: 38.908 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

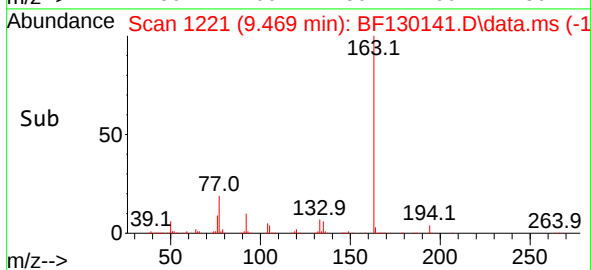
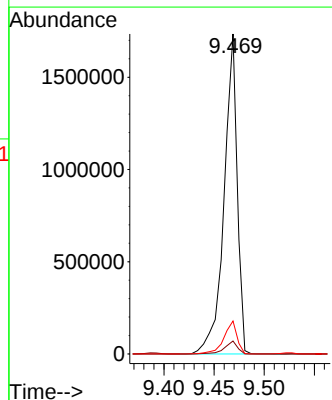
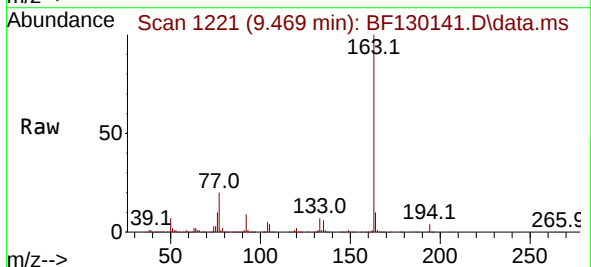
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

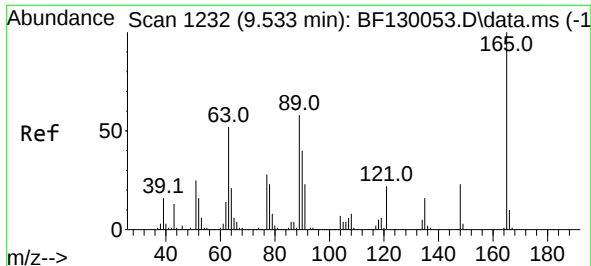
Tgt Ion:152 Resp: 1986629
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.8 10.6 16.0



#50
Dimethylphthalate
Concen: 40.072 ng
RT: 9.469 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:163 Resp: 1576587
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.2

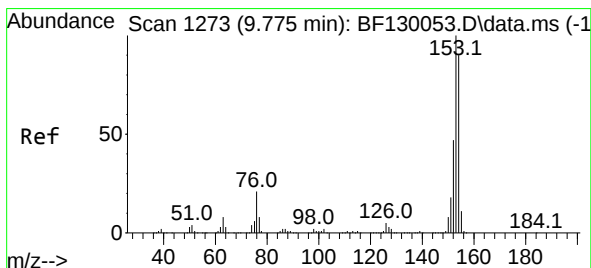
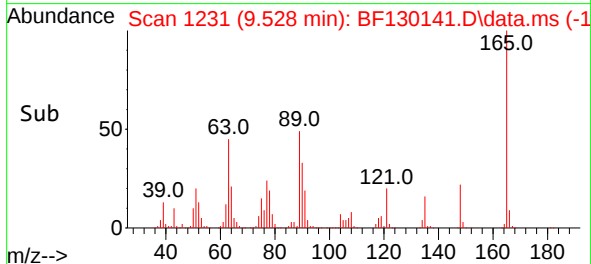
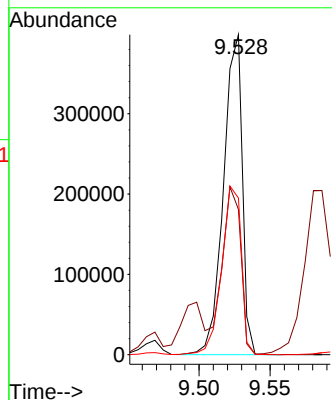
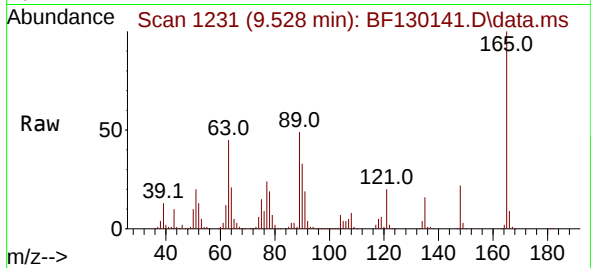




#51
2,6-Dinitrotoluene
Concen: 47.636 ng
RT: 9.528 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

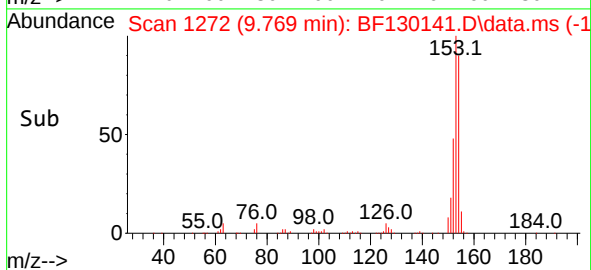
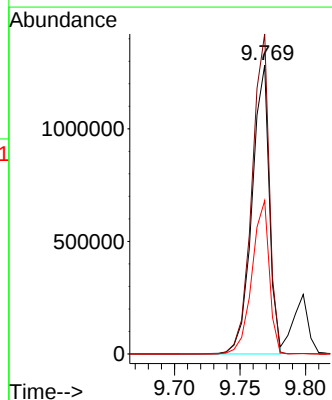
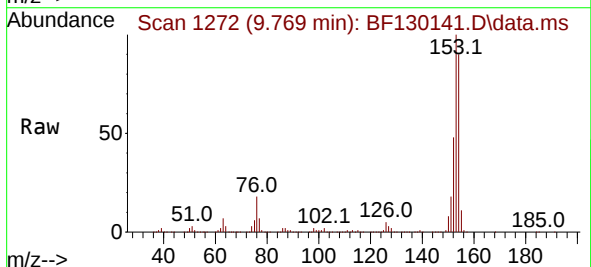
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

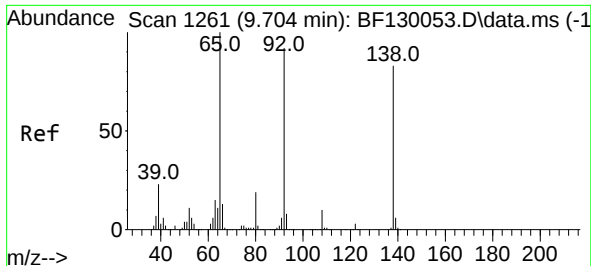
Tgt Ion:165 Resp: 365412
Ion Ratio Lower Upper
165 100
63 45.4 47.8 71.8#
89 49.0 47.2 70.8



#52
Acenaphthene
Concen: 36.665 ng
RT: 9.769 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:154 Resp: 1179858
Ion Ratio Lower Upper
154 100
153 110.8 89.8 134.6
152 53.1 42.1 63.1

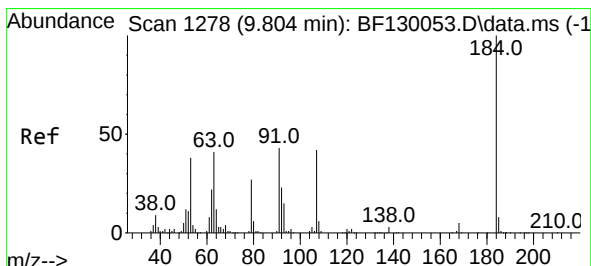
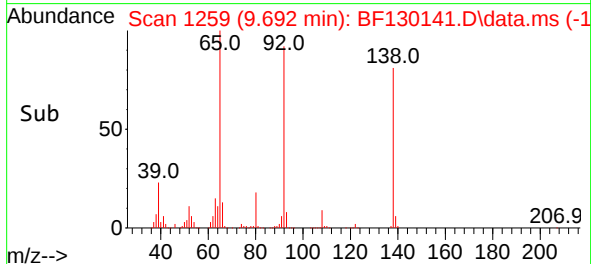
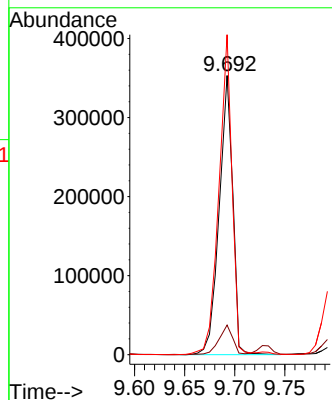
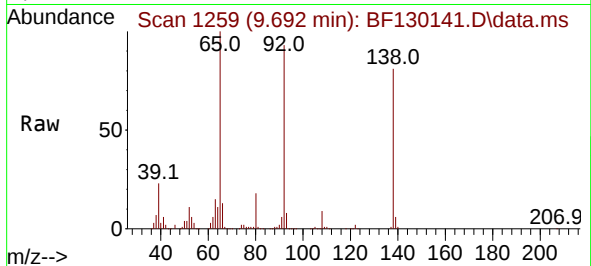




#53
3-Nitroaniline
Concen: 37.620 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

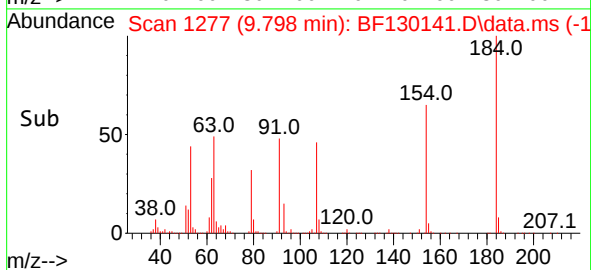
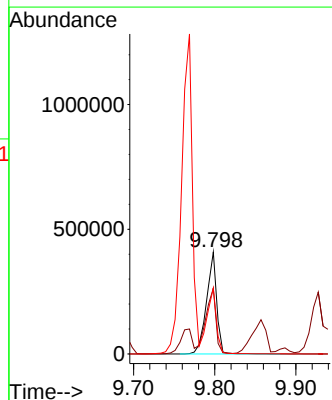
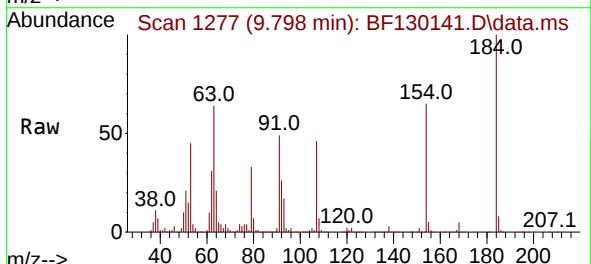
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

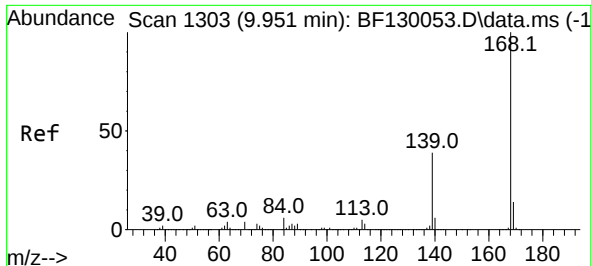
Tgt Ion:138 Resp: 331235
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 114.6 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 99.697 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:184 Resp: 354924
Ion Ratio Lower Upper
184 100
63 64.3 59.6 89.4
154 64.7 55.3 82.9





#55

Dibenzofuran

Concen: 38.810 ng

RT: 9.939 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

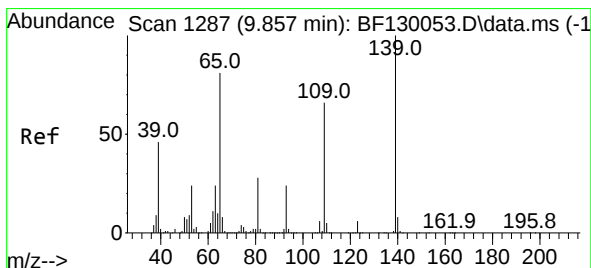
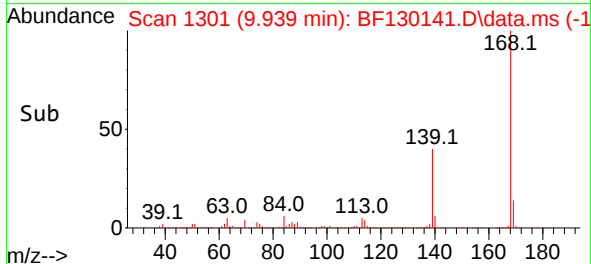
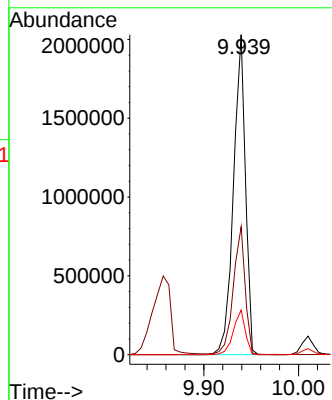
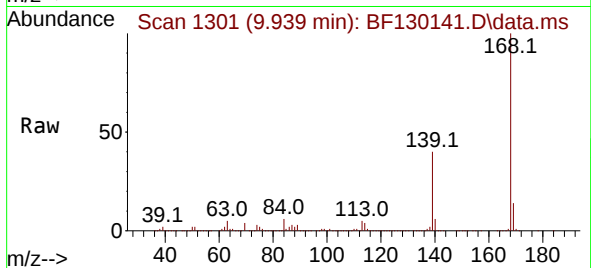
Tgt Ion:168 Resp: 1788323

Ion Ratio Lower Upper

168 100

139 40.0 31.3 46.9

169 13.9 10.7 16.1



#56

4-Nitrophenol

Concen: 96.913 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.012 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

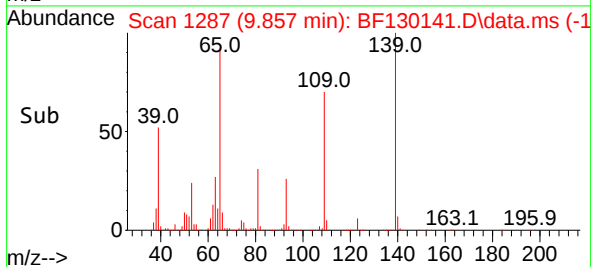
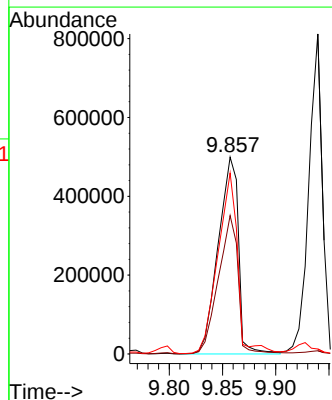
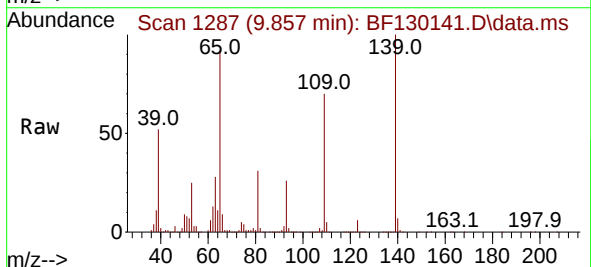
Tgt Ion:139 Resp: 657849

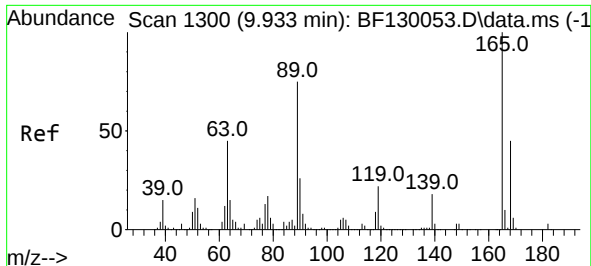
Ion Ratio Lower Upper

139 100

109 70.3 52.9 92.9

65 92.0 79.5 119.5

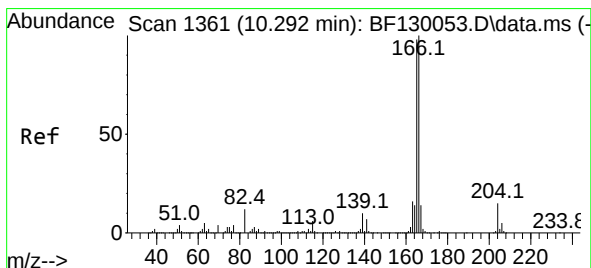
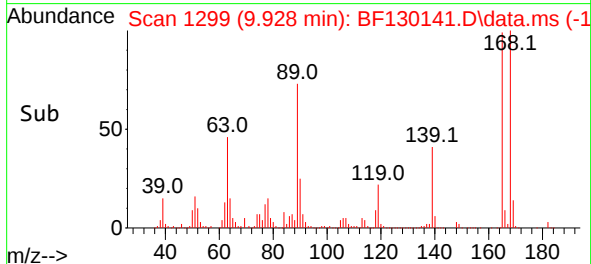
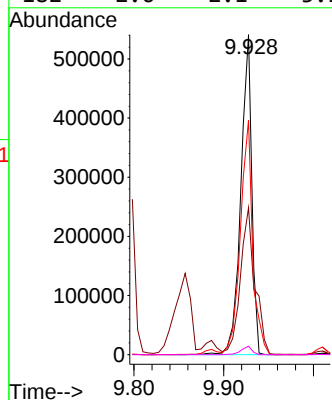
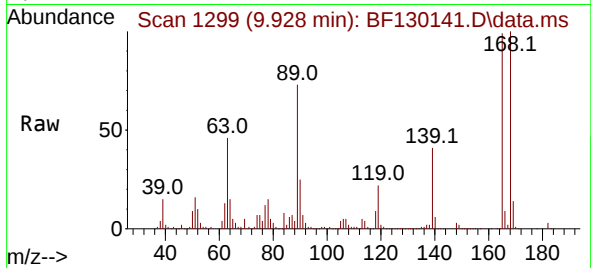




#57
2,4-Dinitrotoluene
Concen: 52.100 ng
RT: 9.928 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

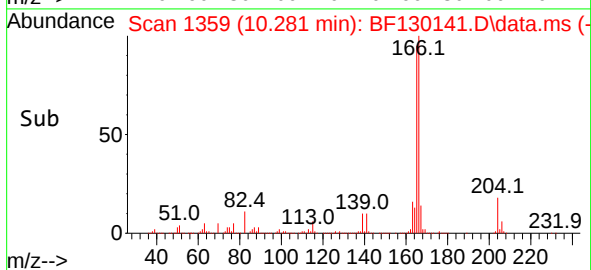
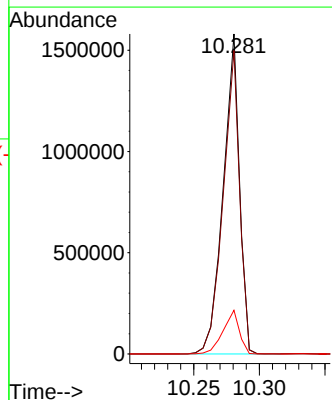
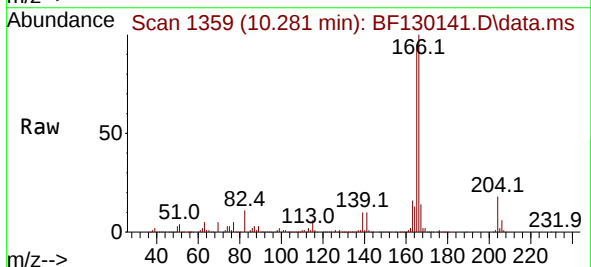
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

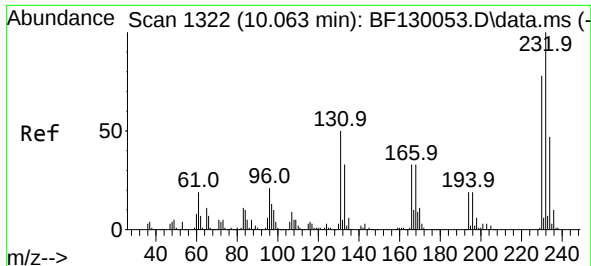
Tgt Ion:165 Resp: 460127
Ion Ratio Lower Upper
165 100
63 45.9 48.4 72.6#
89 73.3 62.3 93.5
182 2.6 2.1 3.1



#58
Fluorene
Concen: 38.951 ng
RT: 10.281 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:166 Resp: 1365628
Ion Ratio Lower Upper
166 100
165 94.8 77.9 116.9
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.407 ng

RT: 10.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

Tgt Ion:232 Resp: 383837

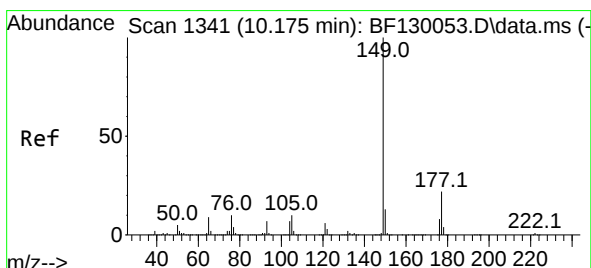
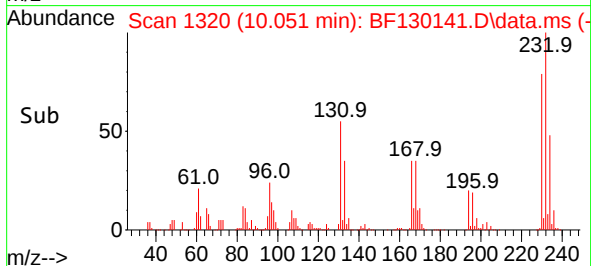
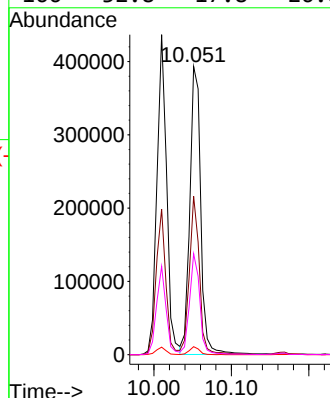
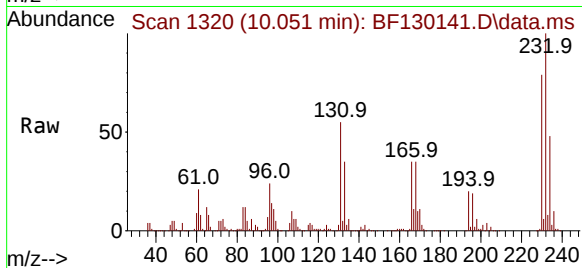
Ion Ratio Lower Upper

232 100

131 50.0 29.9 44.9#

130 2.6 1.5 2.3#

166 32.8 17.8 26.8#



#60

Diethylphthalate

Concen: 41.181 ng

RT: 10.163 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

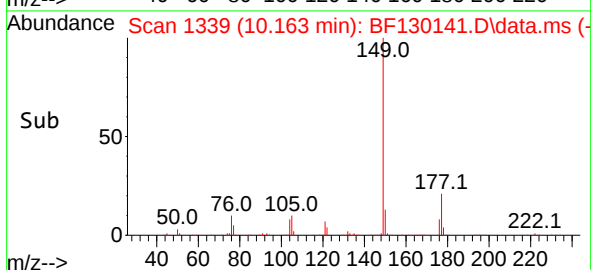
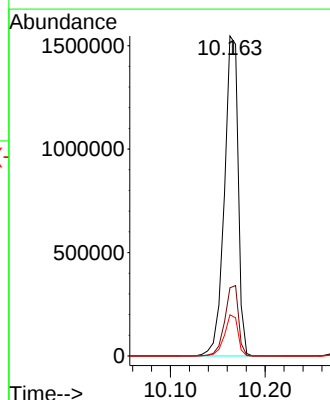
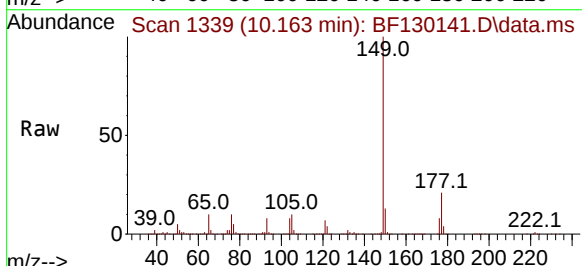
Tgt Ion:149 Resp: 1567476

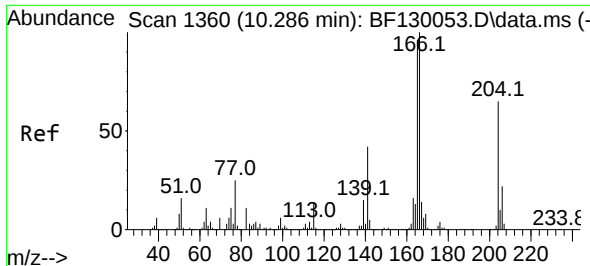
Ion Ratio Lower Upper

149 100

177 21.3 17.7 26.5

150 12.9 10.1 15.1

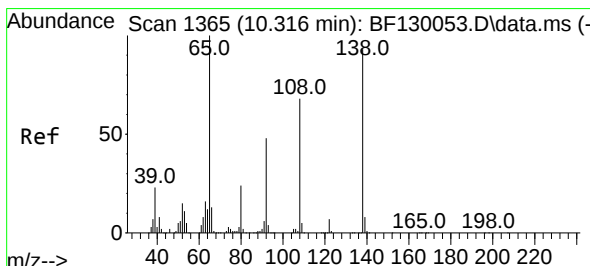
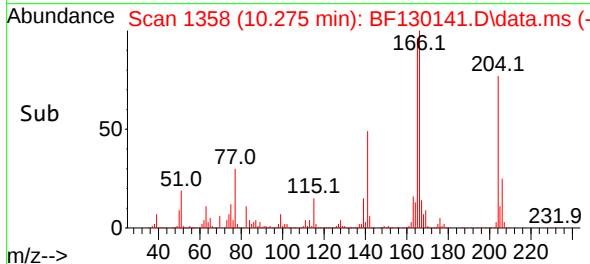
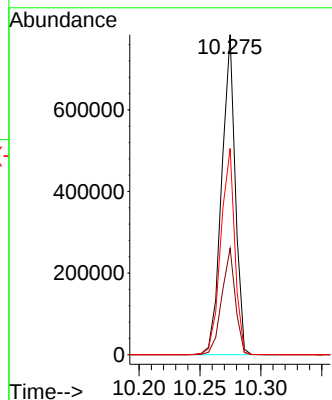
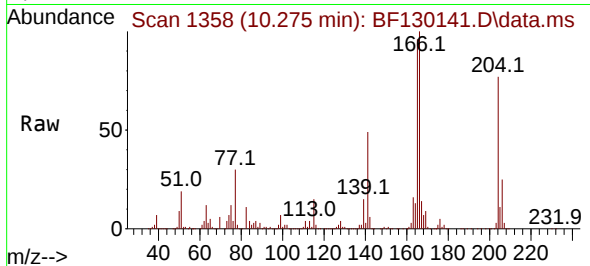




#61
4-Chlorophenyl-phenylether
Concen: 39.462 ng
RT: 10.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

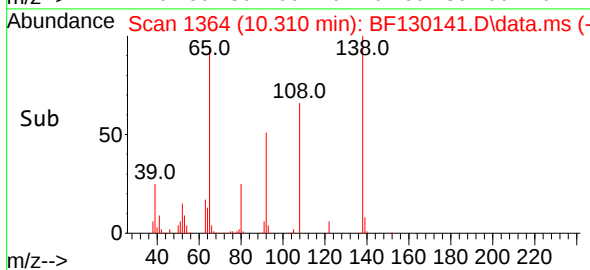
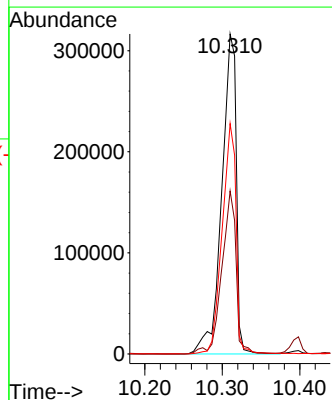
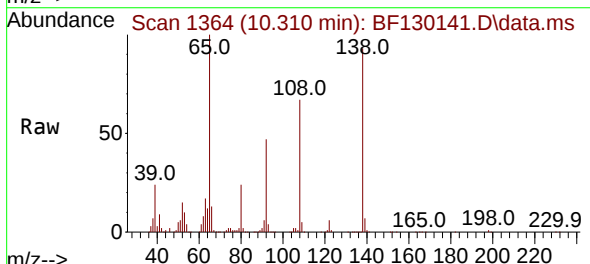
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

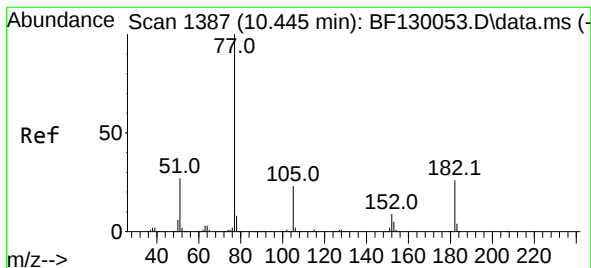
Tgt Ion:204 Resp: 611613
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 64.5 52.6 79.0



#62
4-Nitroaniline
Concen: 48.018 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:138 Resp: 411178
Ion Ratio Lower Upper
138 100
92 51.0 30.3 70.3
108 72.0 55.7 95.7





#63

Azobenzene

Concen: 39.094 ng

RT: 10.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

Tgt Ion: 77 Resp: 1465099

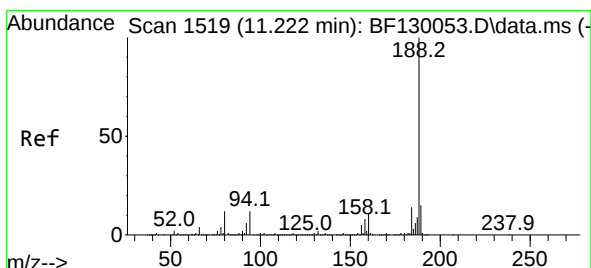
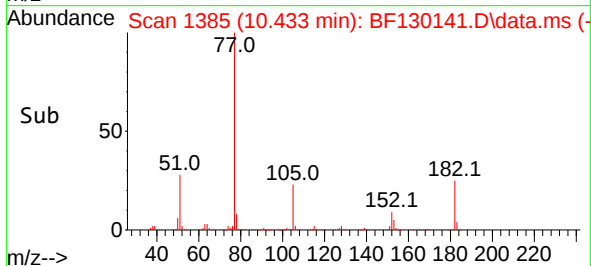
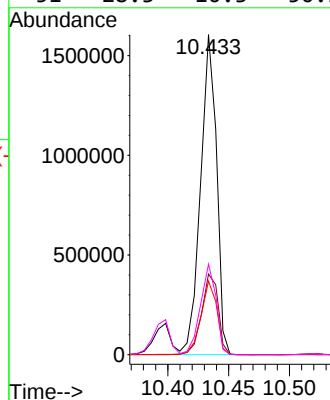
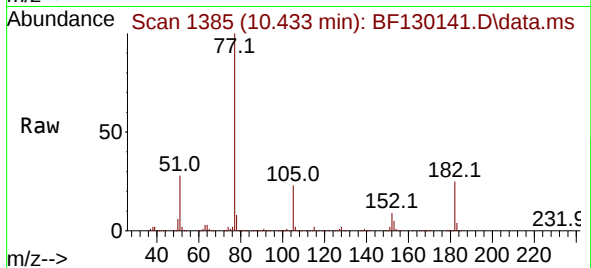
Ion Ratio Lower Upper

77 100

182 25.2 2.2 42.2

105 23.0 0.8 40.8

51 28.3 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: BF130141.D

Acq: 06 Sep 2022 17:04

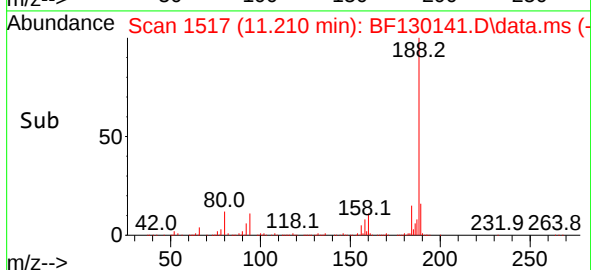
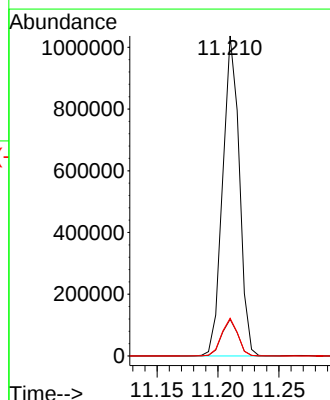
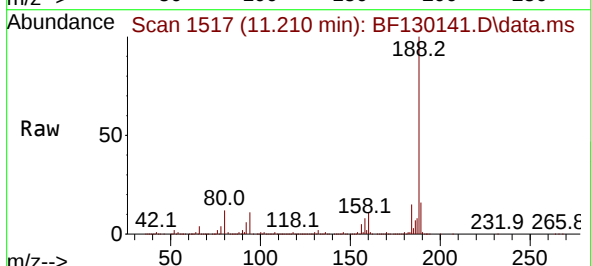
Tgt Ion: 188 Resp: 988019

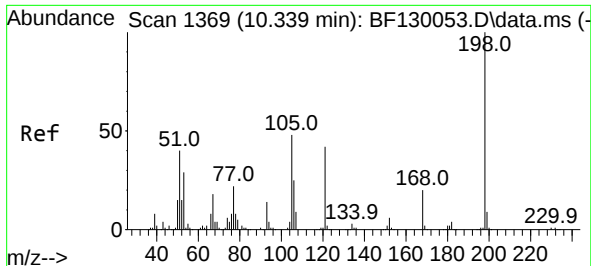
Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.2#

80 11.8 7.9 11.9

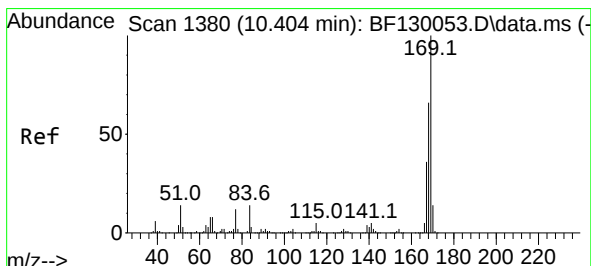
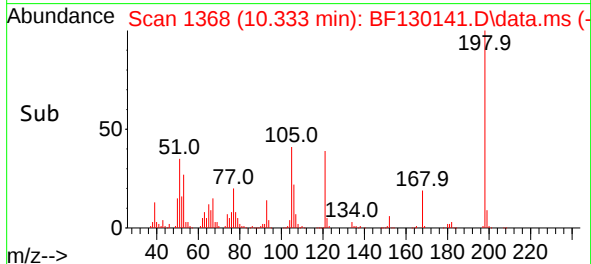
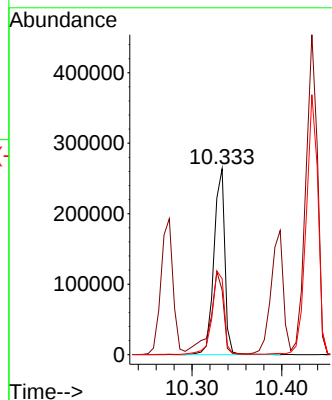
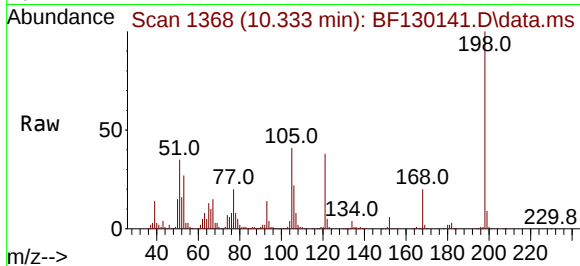




#65
4,6-Dinitro-2-methylphenol
Concen: 47.812 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

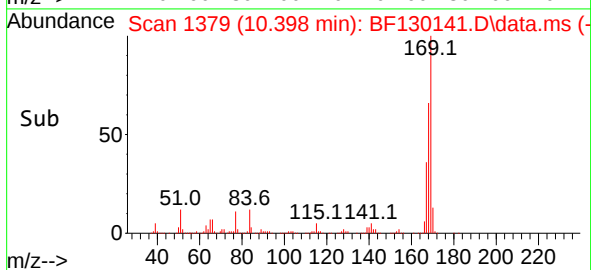
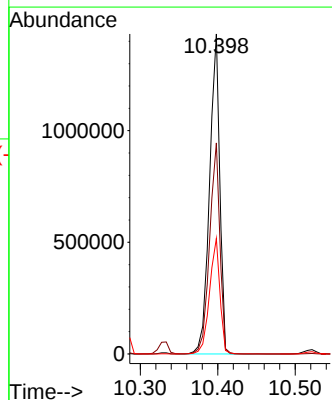
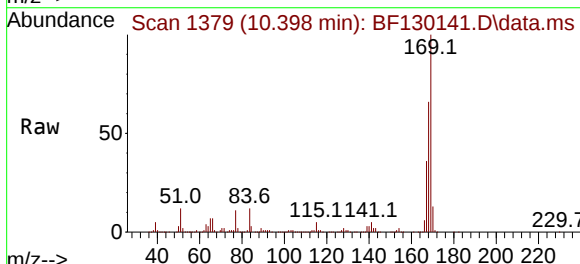
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

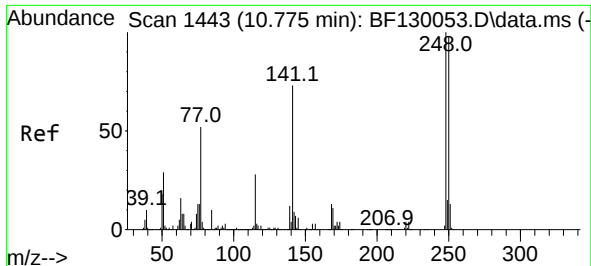
Tgt Ion:198 Resp: 222269
Ion Ratio Lower Upper
198 100
51 34.8 29.4 69.4
105 40.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 39.761 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:169 Resp: 1313240
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.1 29.1 43.7

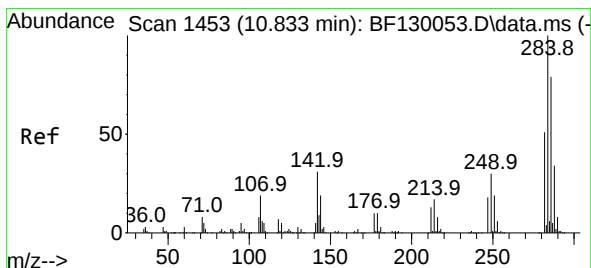
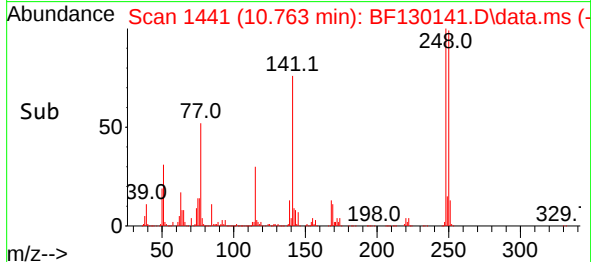
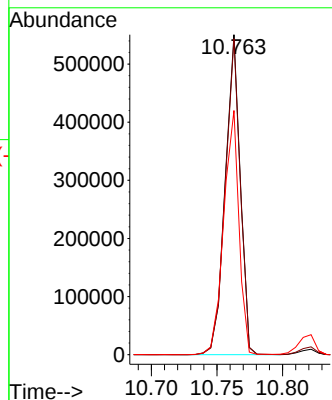
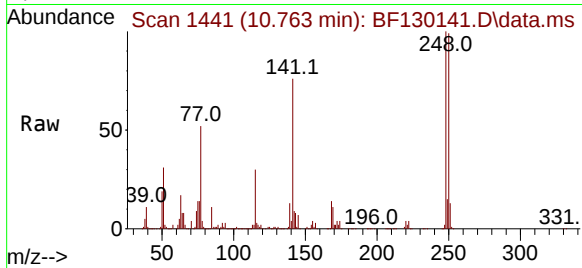




#67
4-Bromophenyl-phenylether
Concen: 39.975 ng
RT: 10.763 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

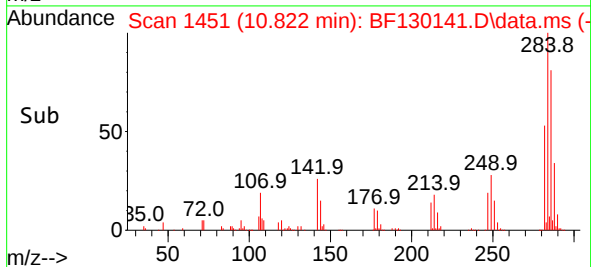
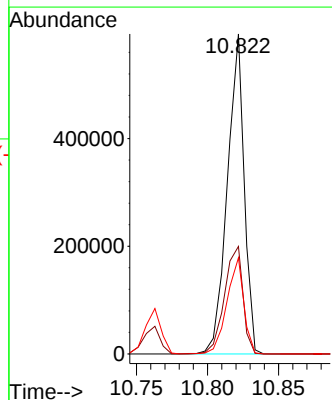
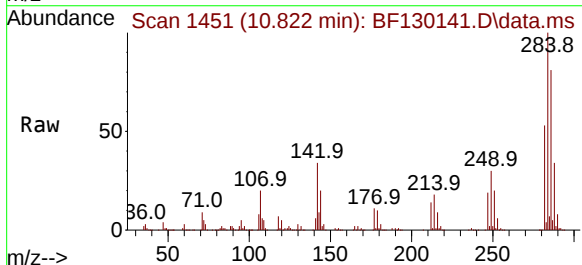
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

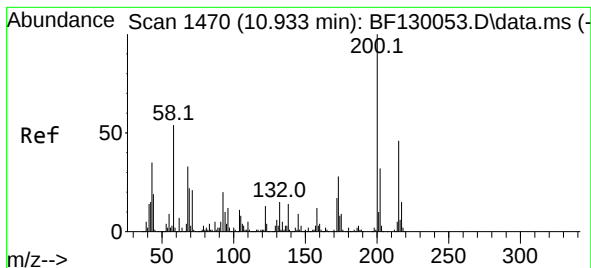
Tgt Ion:248 Resp: 439315
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.6
141 76.3 66.2 99.2



#68
Hexachlorobenzene
Concen: 40.864 ng
RT: 10.822 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:284 Resp: 489334
Ion Ratio Lower Upper
284 100
142 33.6 31.4 47.0
249 30.1 25.7 38.5





#69

Atrazine

Concen: 47.195 ng

RT: 10.928 min Scan# 1469

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

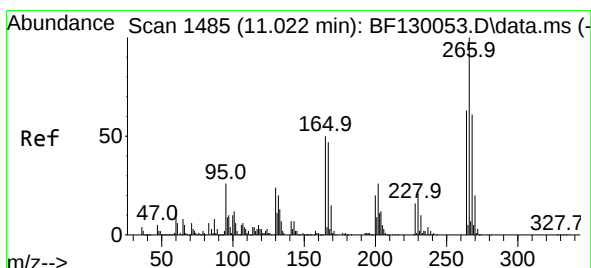
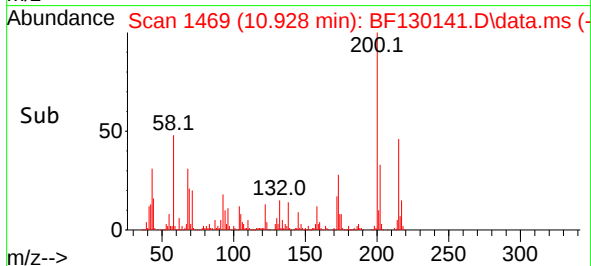
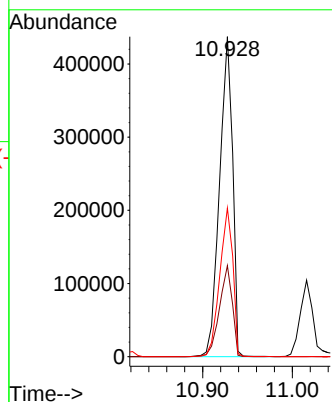
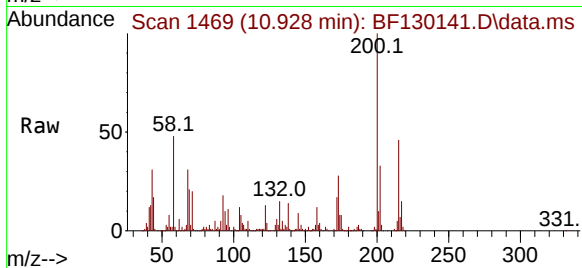
Tgt Ion:200 Resp: 440989

Ion Ratio Lower Upper

200 100

173 28.5 6.4 46.4

215 46.5 27.1 67.1



#70

Pentachlorophenol

Concen: 88.205 ng

RT: 11.016 min Scan# 1484

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

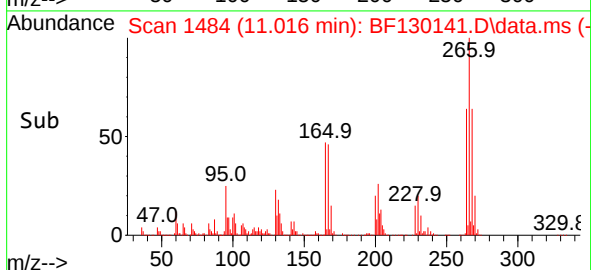
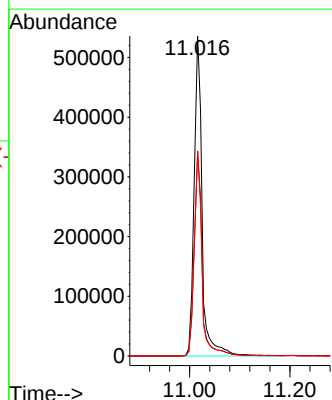
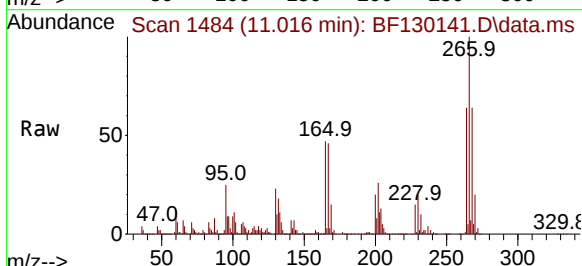
Tgt Ion:266 Resp: 590631

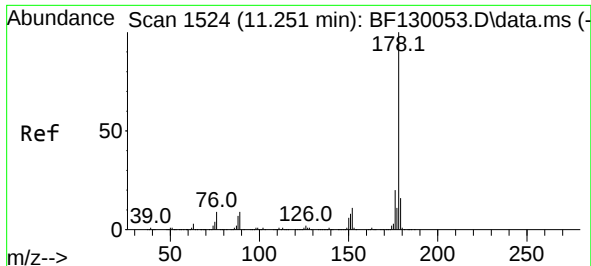
Ion Ratio Lower Upper

266 100

268 64.0 49.0 73.4

264 63.8 47.9 71.9

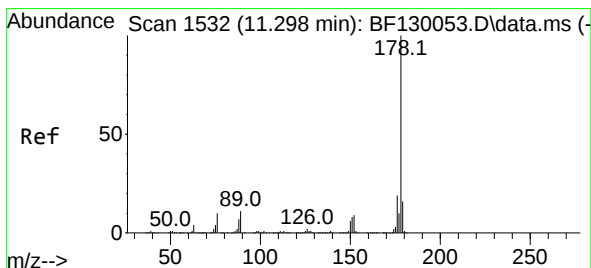
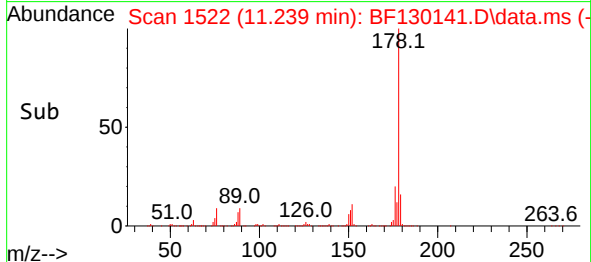
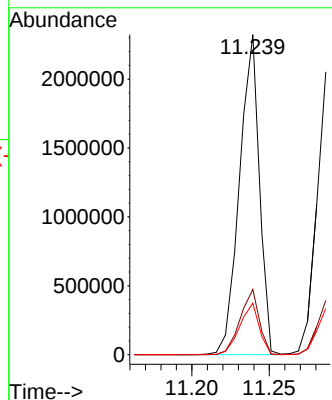
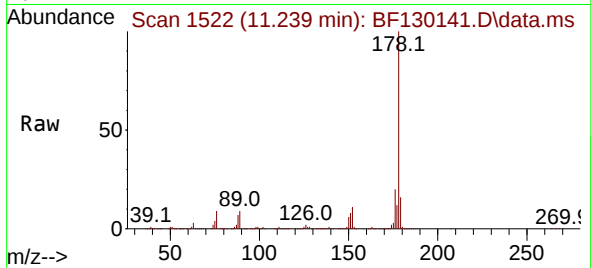




#71
Phenanthrene
Concen: 38.725 ng
RT: 11.239 min Scan# 11239
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

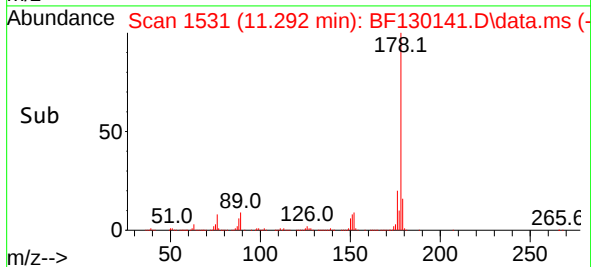
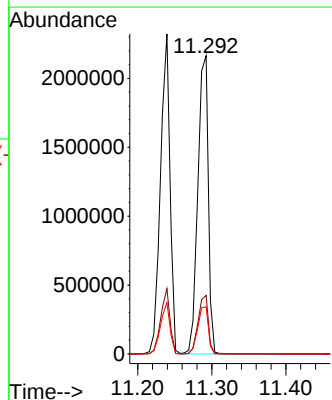
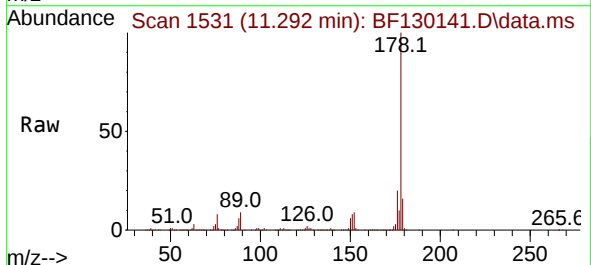
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

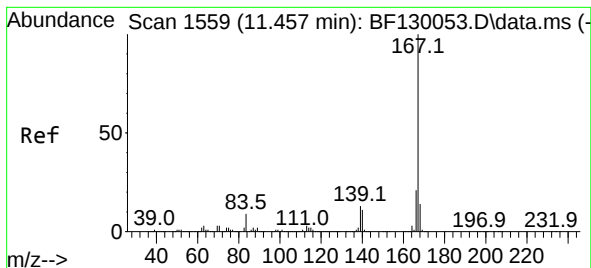
Tgt Ion:178 Resp: 2074970
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.1 12.5 18.7



#72
Anthracene
Concen: 40.176 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:178 Resp: 2116194
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.8 12.6 18.8





#73

Carbazole

Concen: 41.325 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

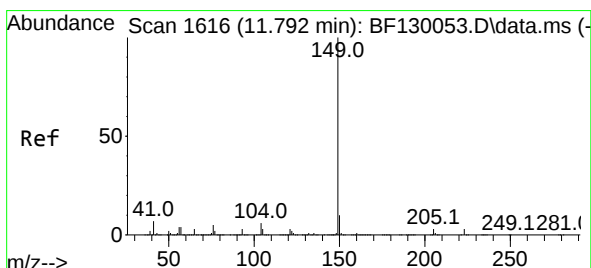
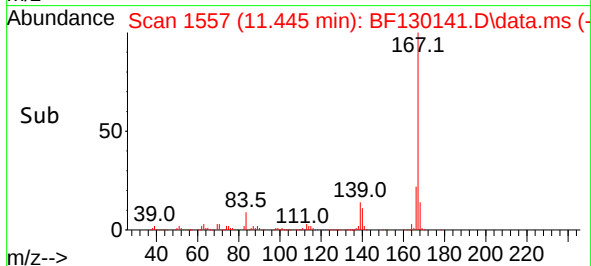
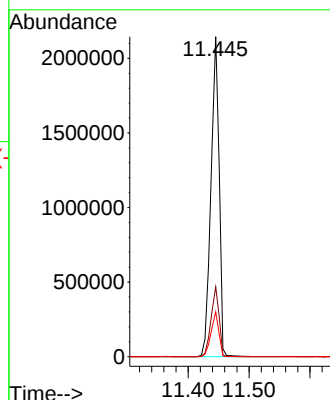
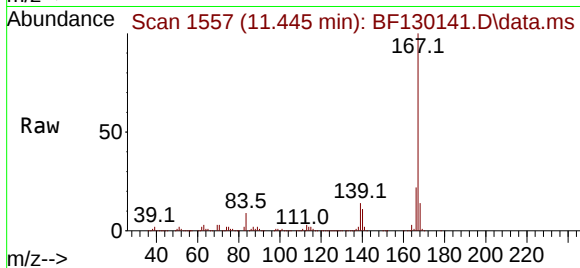
Tgt Ion:167 Resp: 2007280

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 14.0 11.0 16.6



#74

Di-n-butylphthalate

Concen: 39.887 ng

RT: 11.780 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

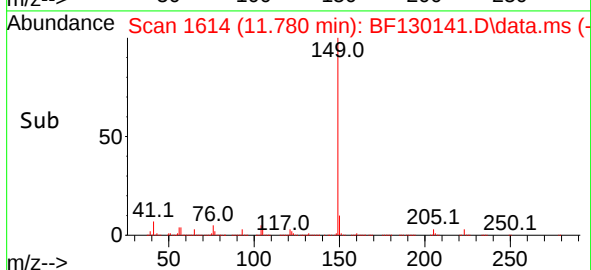
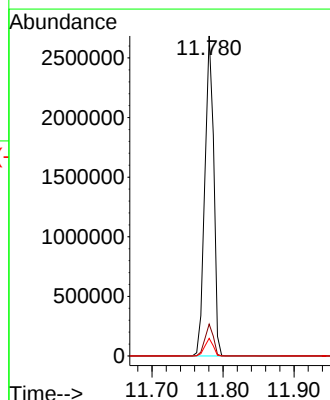
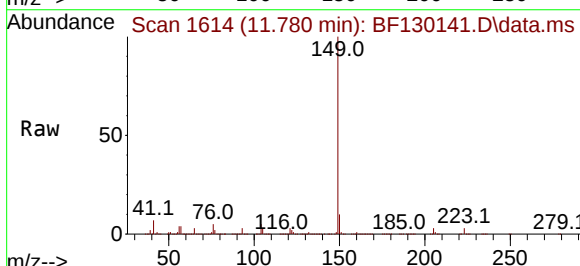
Tgt Ion:149 Resp: 2336197

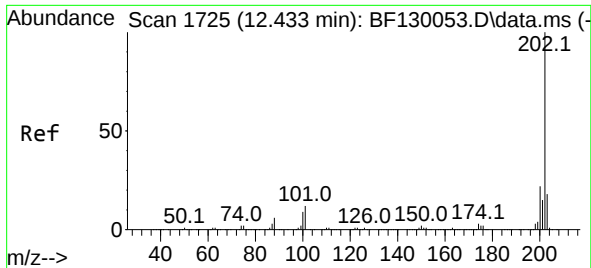
Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

104 5.5 4.2 6.4

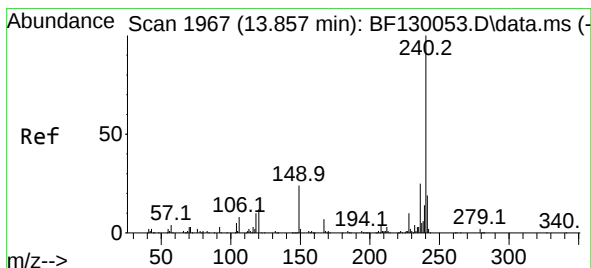
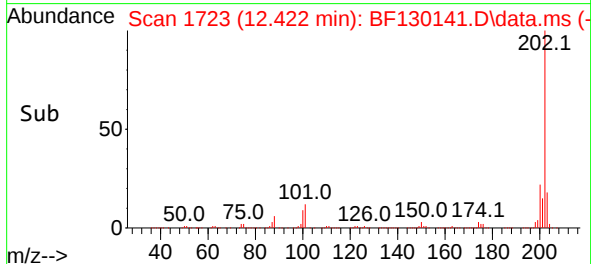
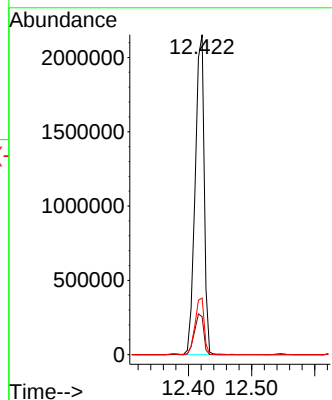
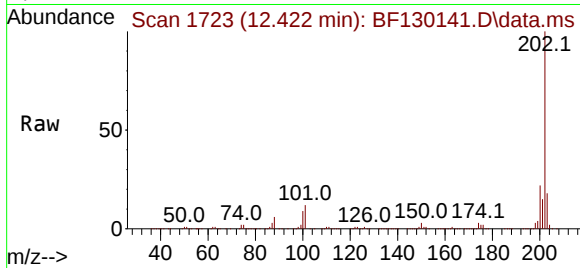




#75
Fluoranthene
Concen: 40.039 ng
RT: 12.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

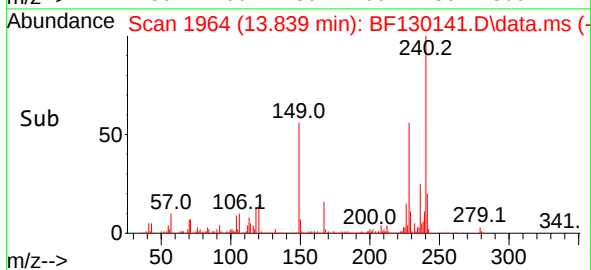
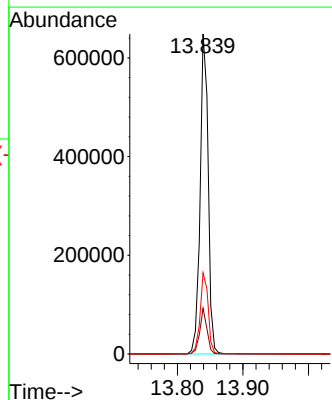
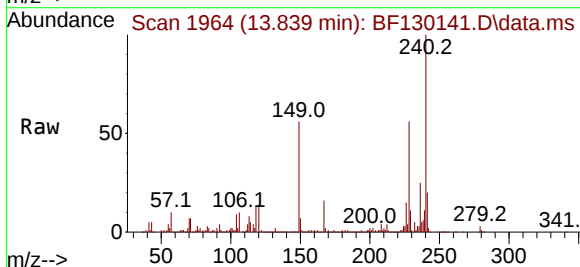
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

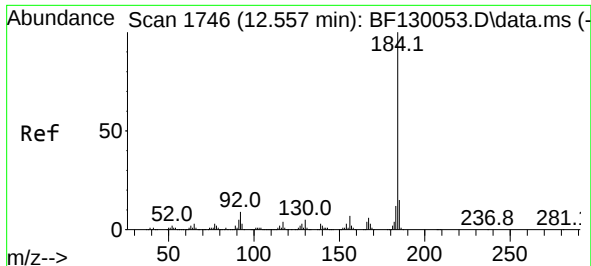
Tgt Ion:202 Resp: 2127381
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:240 Resp: 554313
Ion Ratio Lower Upper
240 100
120 14.3 9.2 13.8#
236 25.4 20.7 31.1

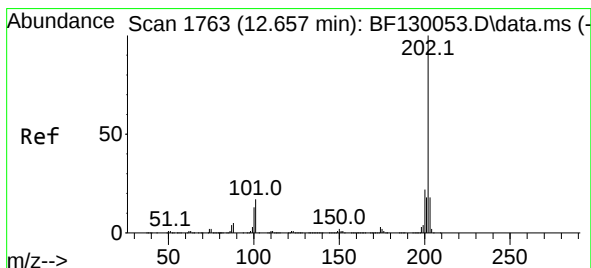
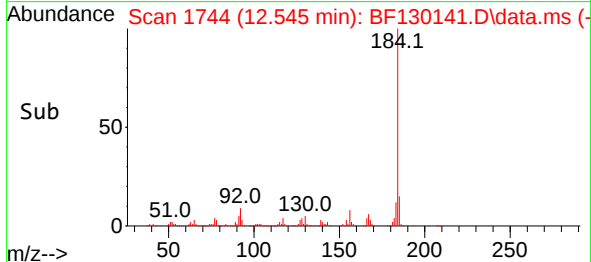
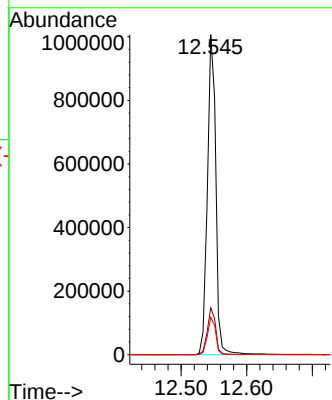
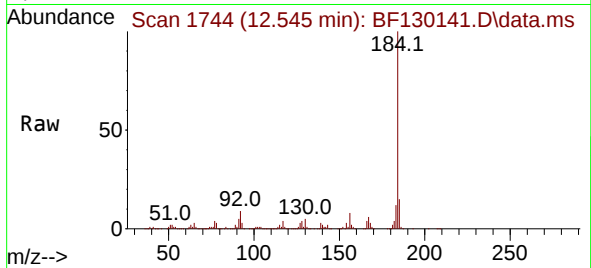




#77
Benzidine
Concen: 60.245 ng
RT: 12.545 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

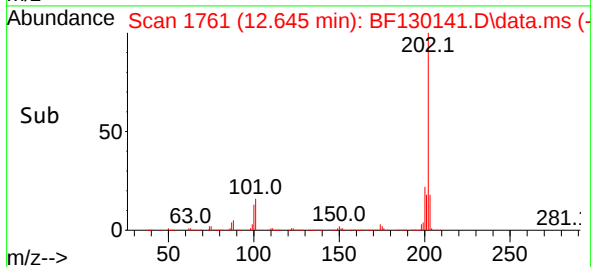
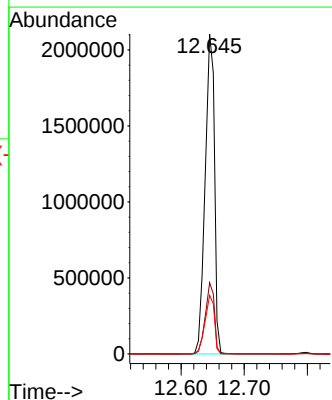
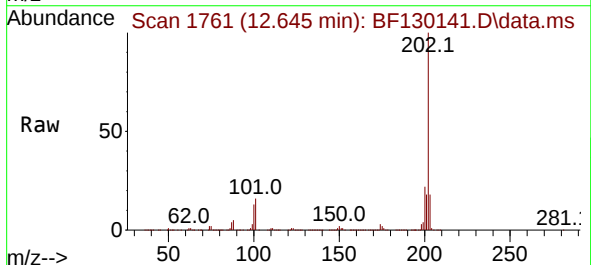
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

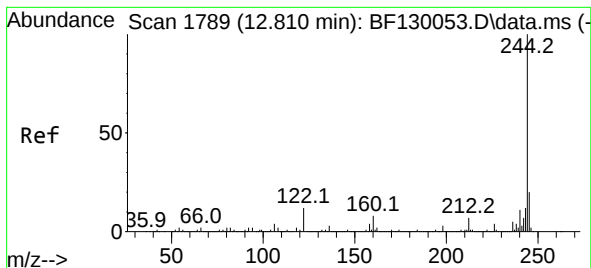
Tgt Ion:184 Resp: 901619
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 11.7 9.4 14.2



#78
Pyrene
Concen: 43.569 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:202 Resp: 2166197
Ion Ratio Lower Upper
202 100
200 22.3 17.0 25.6
203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 91.265 ng

RT: 12.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

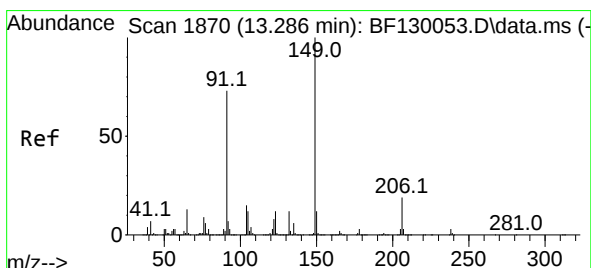
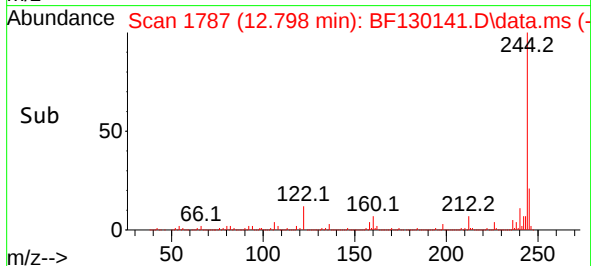
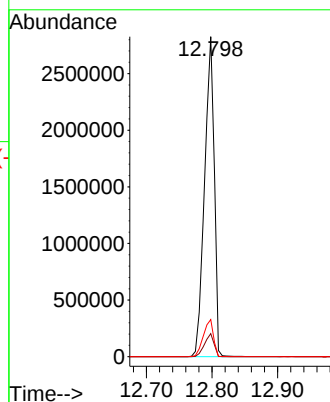
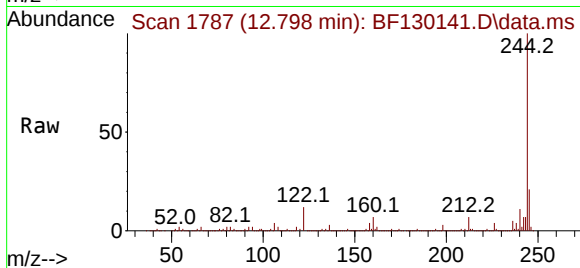
Tgt Ion:244 Resp: 2917291

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.6 9.9 14.9



#80

Butylbenzylphthalate

Concen: 42.869 ng

RT: 13.274 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

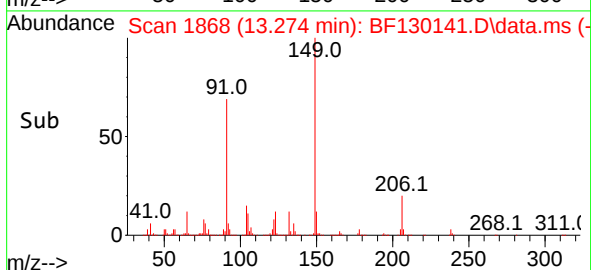
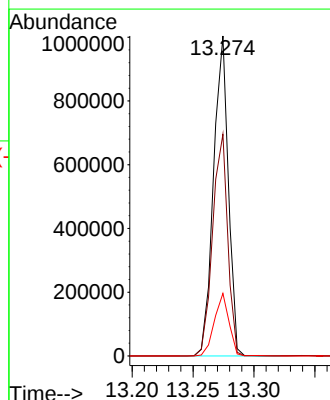
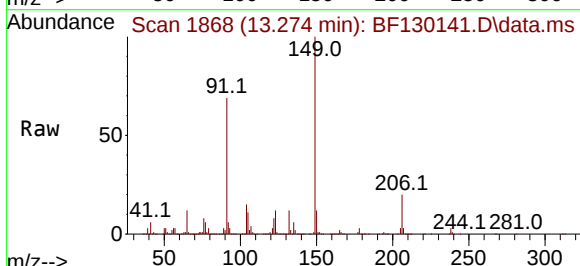
Tgt Ion:149 Resp: 847769

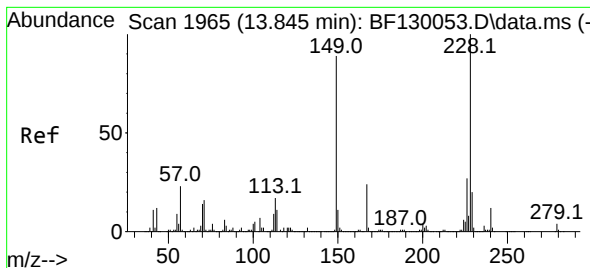
Ion Ratio Lower Upper

149 100

91 69.3 55.4 83.0

206 19.5 15.8 23.6





#81

Benzo(a)anthracene

Concen: 39.703 ng

RT: 13.827 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

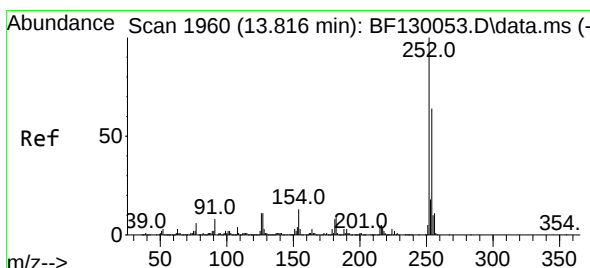
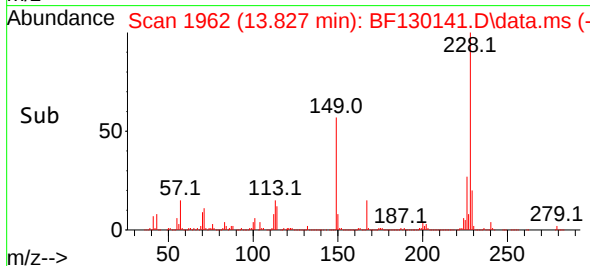
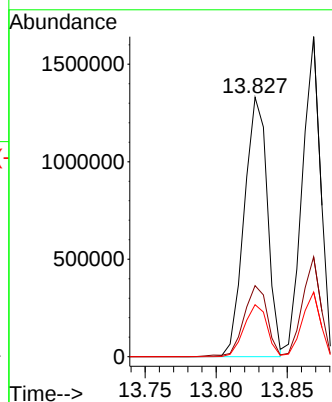
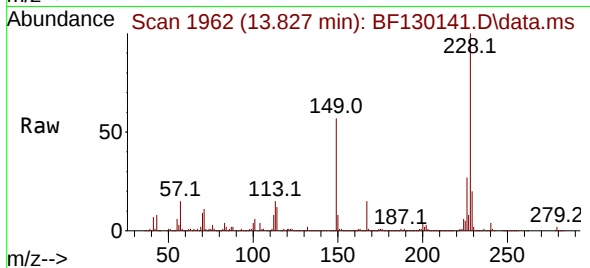
Tgt Ion:228 Resp: 1508209

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 37.601 ng

RT: 13.798 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

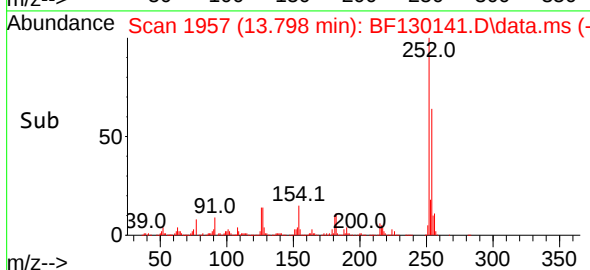
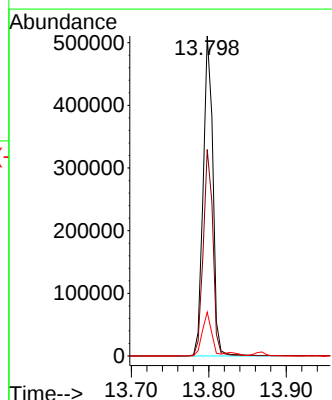
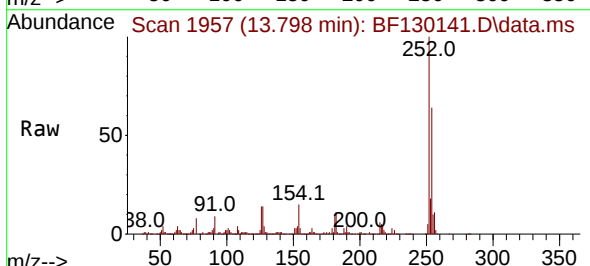
Tgt Ion:252 Resp: 445440

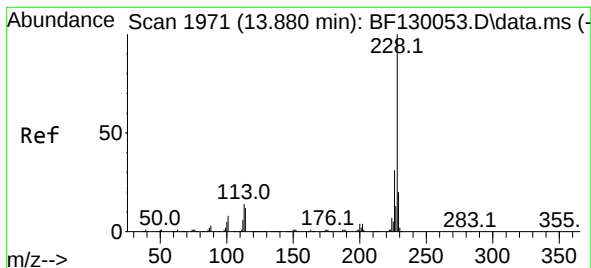
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 13.7 10.2 15.4





#83

Chrysene

Concen: 39.371 ng

RT: 13.869 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

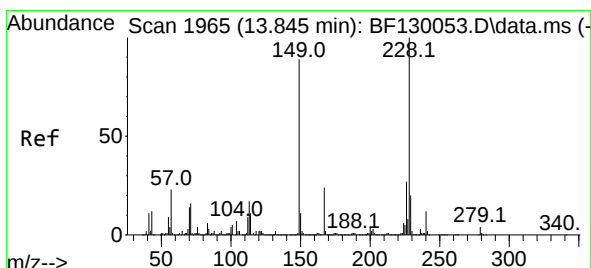
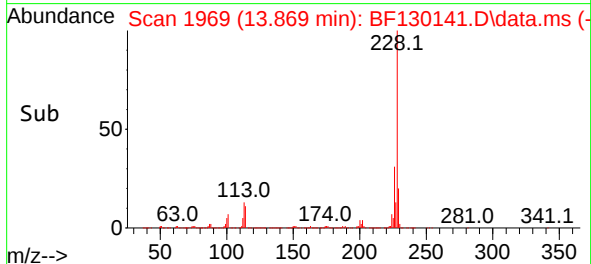
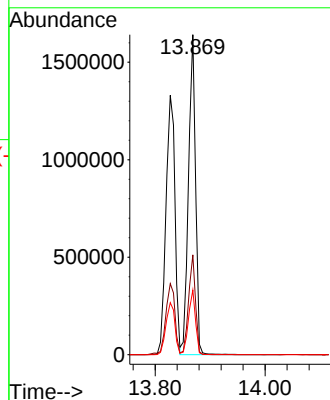
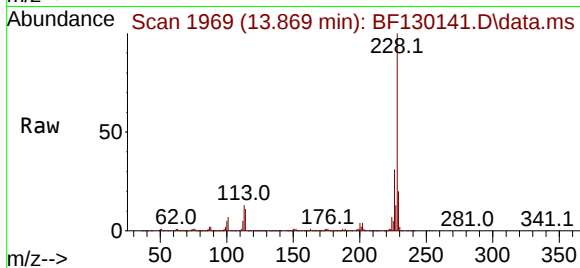
Tgt Ion:228 Resp: 1474546

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.700 ng

RT: 13.833 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

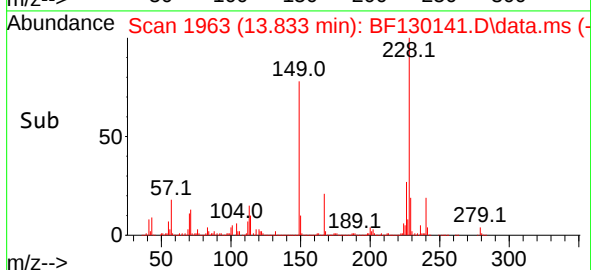
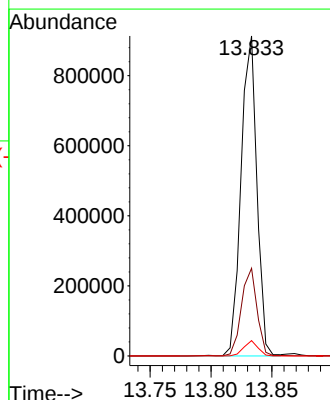
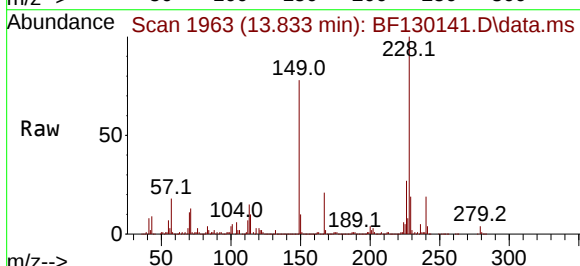
Tgt Ion:149 Resp: 828384

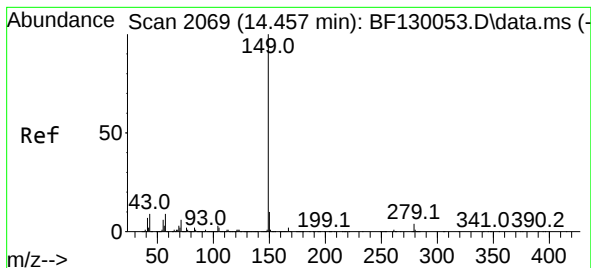
Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 34.029 ng

RT: 14.445 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

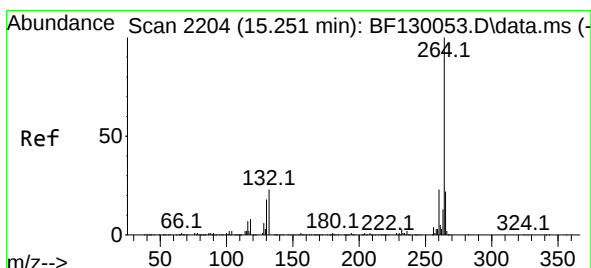
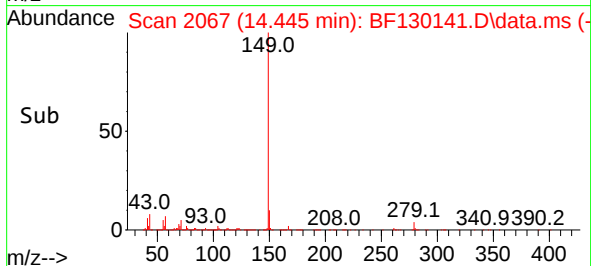
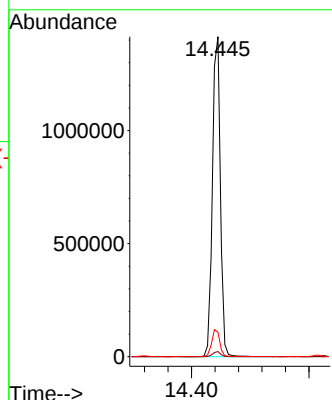
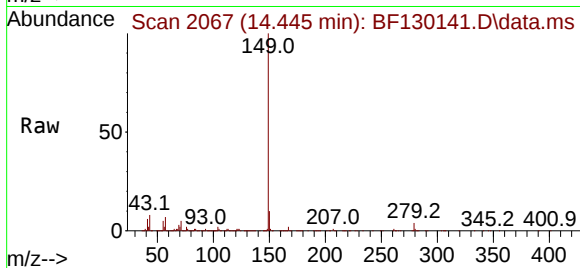
Tgt Ion:149 Resp: 1321306

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 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: BF130141.D

Acq: 06 Sep 2022 17:04

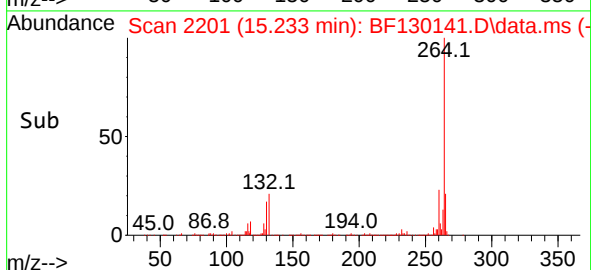
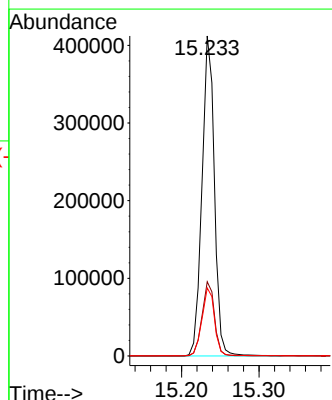
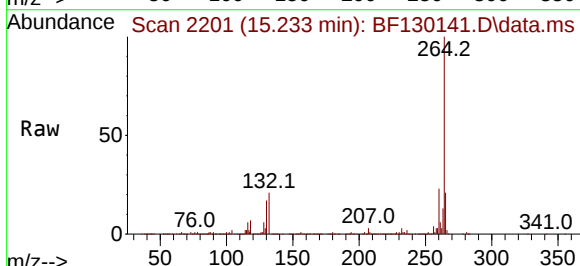
Tgt Ion:264 Resp: 458086

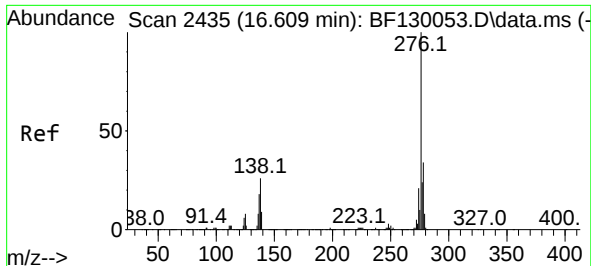
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.3 16.7 25.1

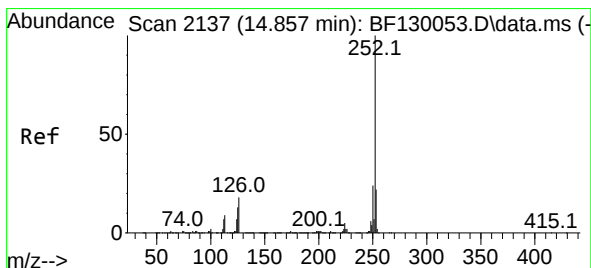
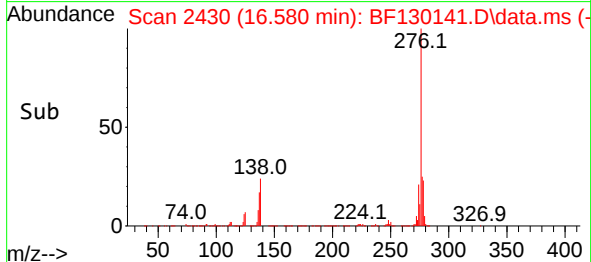
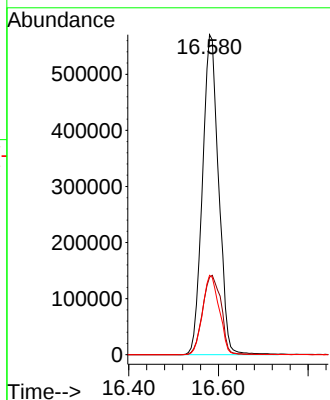
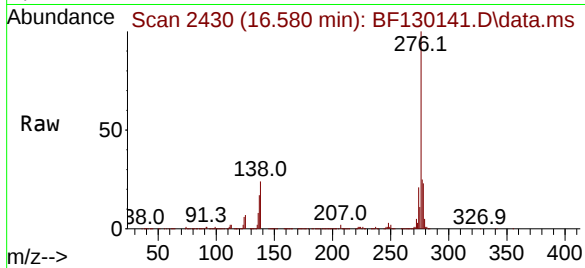




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.210 ng
RT: 16.580 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

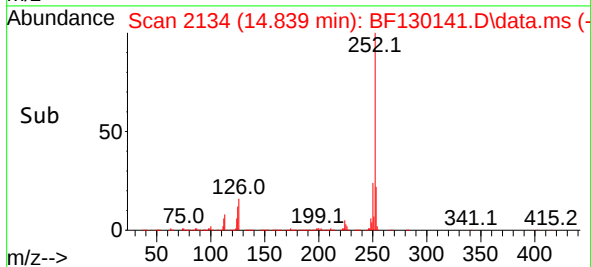
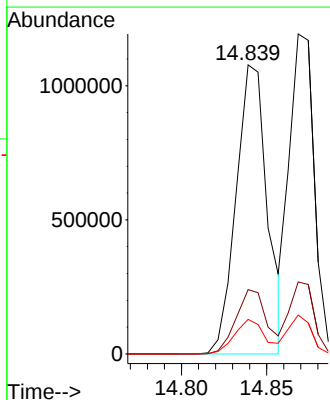
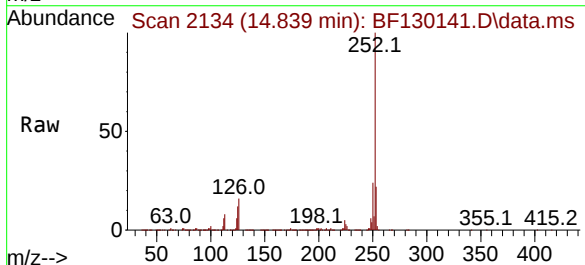
Instrument :
BNA_F
ClientSampleId :
PB147437BSD

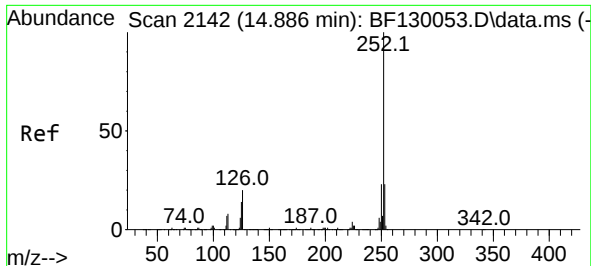
Tgt Ion:276 Resp: 1426578
Ion Ratio Lower Upper
276 100
138 28.3 19.8 29.8
277 25.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 44.996 ng
RT: 14.839 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:252 Resp: 1374549
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.0 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 41.684 ng

RT: 14.868 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

Instrument :

BNA_F

ClientSampleId :

PB147437BSD

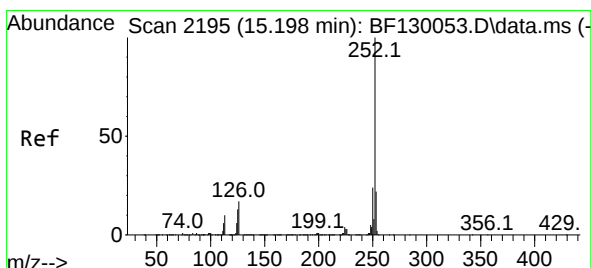
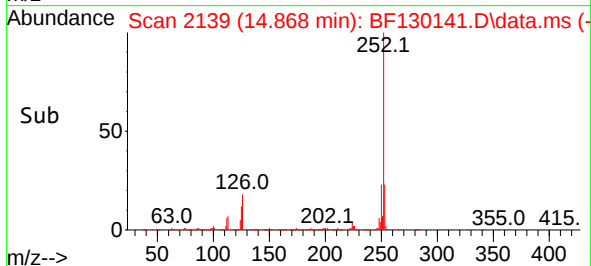
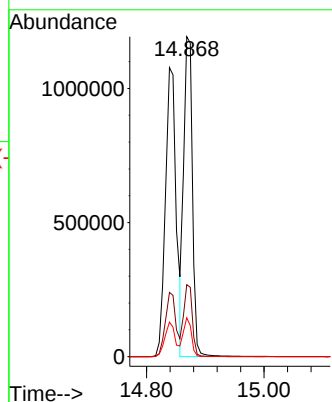
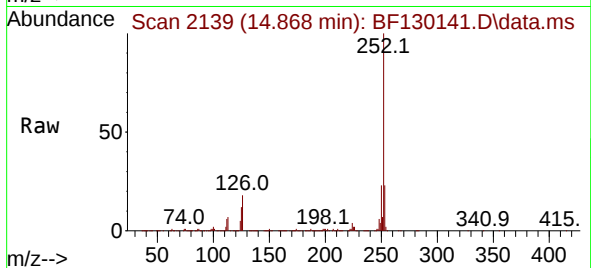
Tgt Ion:252 Resp: 1231522

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 12.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 46.646 ng

RT: 15.180 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BF130141.D

Acq: 06 Sep 2022 17:04

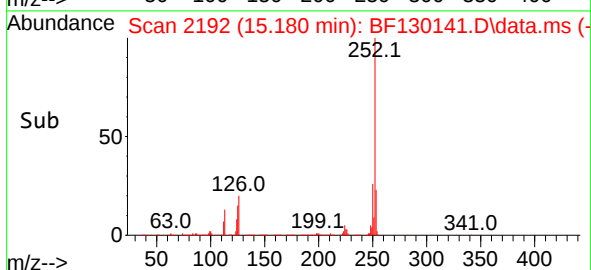
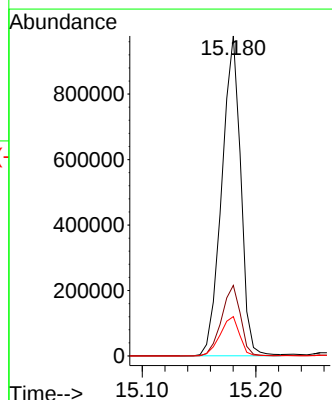
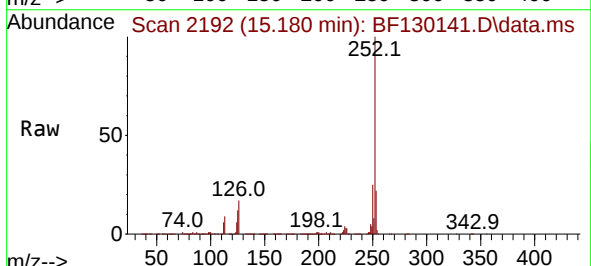
Tgt Ion:252 Resp: 1132290

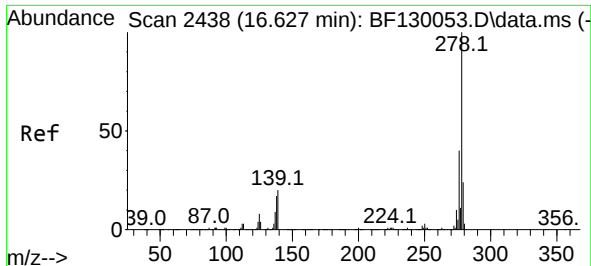
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.3 8.8 13.2

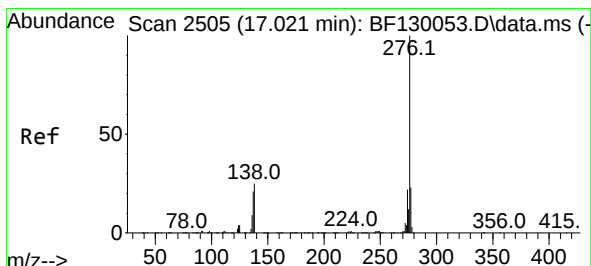
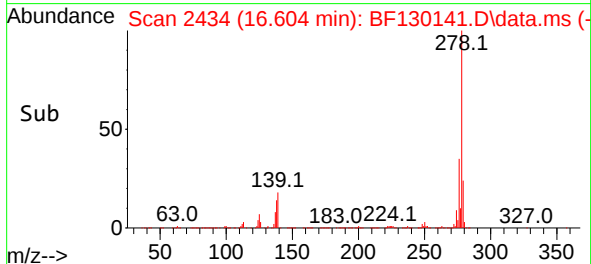
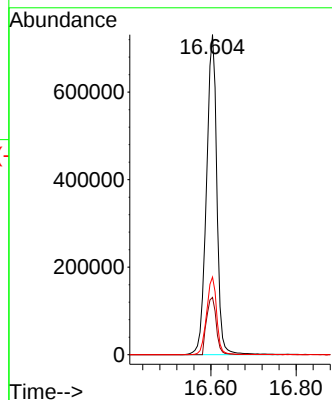
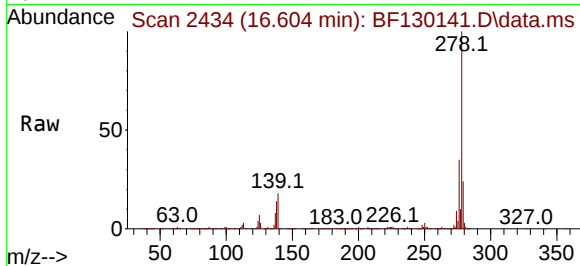




#91
Dibenzo(a,h)anthracene
Concen: 50.067 ng
RT: 16.604 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Instrument :
BNA_F
ClientSampleId :
PB147437BSD

Tgt Ion:278 Resp: 1237940
Ion Ratio Lower Upper
278 100
139 17.9 12.2 18.4
279 24.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 50.492 ng
RT: 16.992 min Scan# 2500
Delta R.T. -0.006 min
Lab File: BF130141.D
Acq: 06 Sep 2022 17:04

Tgt Ion:276 Resp: 1249104
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.4
138 24.6 15.8 23.8#

