

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130071.D
 Acq On : 01 Sep 2022 10:52
 Operator : CG\JU
 Sample : PB147382BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147382BS

Quant Time: Sep 01 12:43:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	317982	20.000	ng	0.00
21) Naphthalene-d8	7.992	136	1321852	20.000	ng	0.00
39) Acenaphthene-d10	9.745	164	694199	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	1088250	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	543405	20.000	ng	# 0.00
86) Perylene-d12	15.251	264	521467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	2408526	128.587	ng	0.02
7) Phenol-d6	6.351	99	2996563	128.323	ng	0.00
23) Nitrobenzene-d5	7.281	82	1898349	92.294	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	854132	135.166	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	3174560	75.818	ng	0.00
79) Terphenyl-d14	12.810	244	3003121	95.836	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	293247	33.500	ng	95
3) Pyridine	3.163	79	812630	34.620	ng	93
4) n-Nitrosodimethylamine	3.122	42	426203	46.170	ng	83
6) Aniline	6.375	93	1278756	43.678	ng	# 50
8) 2-Chlorophenol	6.492	128	1038339	50.506	ng	99
9) Benzaldehyde	6.257	77	462766	32.377	ng	95
10) Phenol	6.363	94	1116924	42.315	ng	# 74
11) bis(2-Chloroethyl)ether	6.451	93	977173	48.725	ng	99
12) 1,3-Dichlorobenzene	6.645	146	1014808	44.528	ng	98
13) 1,4-Dichlorobenzene	6.728	146	1010149	44.003	ng	96
14) 1,2-Dichlorobenzene	6.875	146	970110	46.488	ng	99
15) Benzyl Alcohol	6.857	79	752380	47.801	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.992	45	1287240	47.228	ng	# 52
17) 2-Methylphenol	6.969	107	837606	48.426	ng	# 87
18) Hexachloroethane	7.216	117	395467	47.706	ng	98
19) n-Nitroso-di-n-propyla...	7.139	70	662277	47.076	ng	91
20) 3+4-Methylphenols	7.128	107	861691	42.482	ng	# 71
22) Acetophenone	7.128	105	1270742	43.029	ng	# 93
24) Nitrobenzene	7.298	77	982740	44.926	ng	99
25) Isophorone	7.539	82	1978358	47.522	ng	98
26) 2-Nitrophenol	7.610	139	527585	51.098	ng	93
27) 2,4-Dimethylphenol	7.651	122	911410	52.175	ng	97
28) bis(2-Chloroethoxy)met...	7.751	93	1221361	48.840	ng	98
29) 2,4-Dichlorophenol	7.851	162	836544	44.771	ng	98
30) 1,2,4-Trichlorobenzene	7.934	180	837352	42.502	ng	97
31) Naphthalene	8.016	128	2722782	40.841	ng	99
32) Benzoic acid	7.798	122	653128	46.095	ng	99
33) 4-Chloroaniline	8.063	127	1031785	38.307	ng	99
34) Hexachlorobutadiene	8.128	225	486346	43.103	ng	100
35) Caprolactam	8.463	113	144603	24.974	ng	87
36) 4-Chloro-3-methylphenol	8.551	107	866454	45.826	ng	95
37) 2-Methylnaphthalene	8.704	142	1803520	41.996	ng	98
38) 1-Methylnaphthalene	8.804	142	1681874	40.291	ng	100
40) 1,2,4,5-Tetrachloroben...	8.869	216	741557	40.965	ng	99
41) Hexachlorocyclopentadiene	8.857	237	985287	104.150	ng	98
43) 2,4,6-Trichlorophenol	8.981	196	562330	43.520	ng	97

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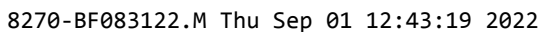
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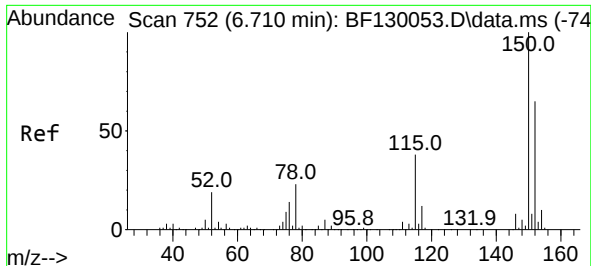
Quant Time: Sep 01 12:43:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.022	196	619241	44.216	ng	97
46) 1,1'-Biphenyl	9.169	154	2080282	41.248	ng	99
47) 2-Chloronaphthalene	9.192	162	1643996	40.683	ng	98
48) 2-Nitroaniline	9.292	65	499955	50.207	ng	87
49) Acenaphthylene	9.610	152	2471757	40.281	ng	100
50) Dimethylphthalate	9.480	163	1986395	42.010	ng	99
51) 2,6-Dinitrotoluene	9.539	165	446651	48.450	ng	89
52) Acenaphthene	9.780	154	1515535	39.189	ng	99
53) 3-Nitroaniline	9.710	138	432491	40.873	ng	90
54) 2,4-Dinitrophenol	9.810	184	402560	94.547	ng	94
55) Dibenzofuran	9.951	168	2198362	39.698	ng	98
56) 4-Nitrophenol	9.875	139	716636	87.847	ng	89
57) 2,4-Dinitrotoluene	9.939	165	520950	49.082	ng	# 92
58) Fluorene	10.292	166	1604081	38.070	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	462808	42.547	ng	# 80
60) Diethylphthalate	10.180	149	1860135	40.665	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	747277	40.120	ng	98
62) 4-Nitroaniline	10.328	138	469283	45.602	ng	95
63) Azobenzene	10.445	77	1787015	39.678	ng	95
65) 4,6-Dinitro-2-methylph...	10.345	198	239699	46.940	ng	96
66) n-Nitrosodiphenylamine	10.410	169	1548530	42.566	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	532882	44.023	ng	95
68) Hexachlorobenzene	10.833	284	585052	44.357	ng	94
69) Atrazine	10.939	200	475046	46.157	ng	98
70) Pentachlorophenol	11.027	266	673767	91.353	ng	96
71) Phenanthrene	11.251	178	2305973	39.073	ng	98
72) Anthracene	11.304	178	2363718	40.742	ng	99
73) Carbazole	11.457	167	2184105	40.824	ng	99
74) Di-n-butylphthalate	11.792	149	2666938	41.340	ng	99
75) Fluoranthene	12.433	202	2281397	38.983	ng	97
77) Benzidine	12.557	184	1147769	78.232	ng	99
78) Pyrene	12.657	202	2267087	46.513	ng	98
80) Butylbenzylphthalate	13.286	149	948829	48.942	ng	100
81) Benzo(a)anthracene	13.839	228	1566440	42.063	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	512041	44.091	ng	100
83) Chrysene	13.880	228	1565478	42.638	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	1049276	43.543	ng	100
85) Di-n-octyl phthalate	14.457	149	1767936	46.445	ng	98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1614864	46.946	ng	# 95
88) Benzo(b)fluoranthene	14.857	252	1525748	43.875	ng	99
89) Benzo(k)fluoranthene	14.886	252	1446673	43.014	ng	97
90) Benzo(a)pyrene	15.198	252	1313731	47.543	ng	98
91) Dibenzo(a,h)anthracene	16.627	278	1395733	49.588	ng	# 95
92) Benzo(g,h,i)perylene	17.015	276	1407314	49.973	ng	# 92

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

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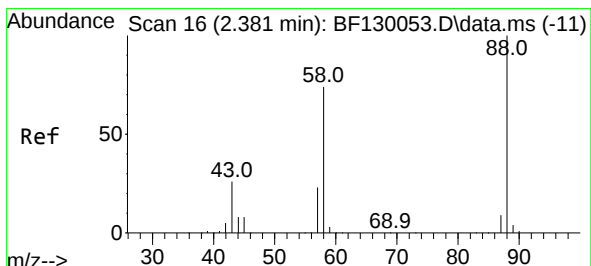
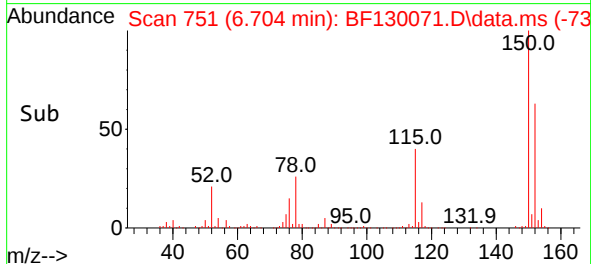
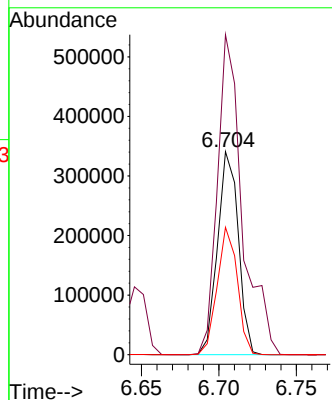
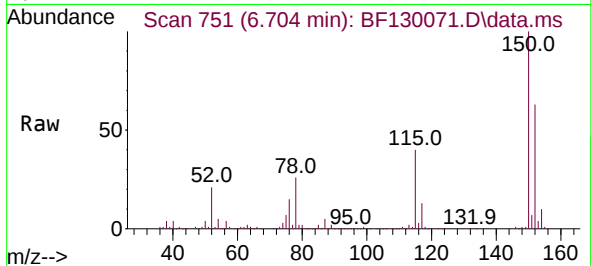




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130071.D
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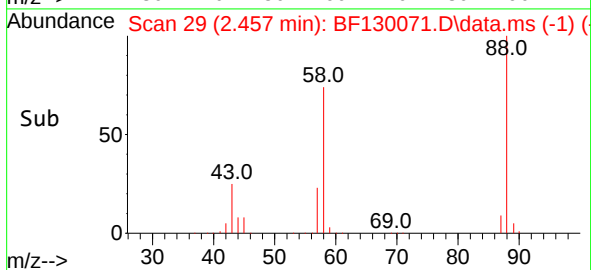
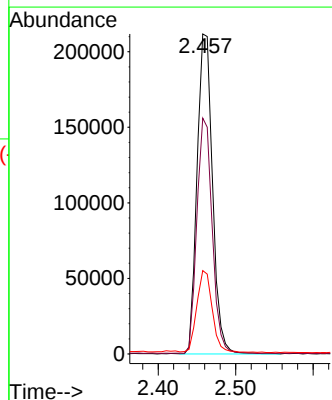
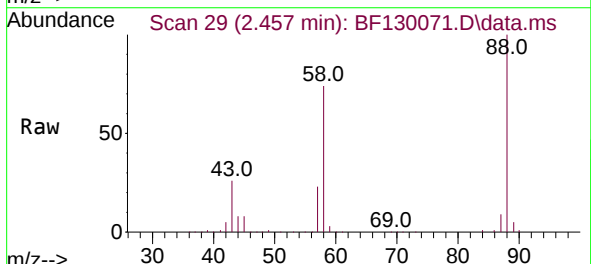
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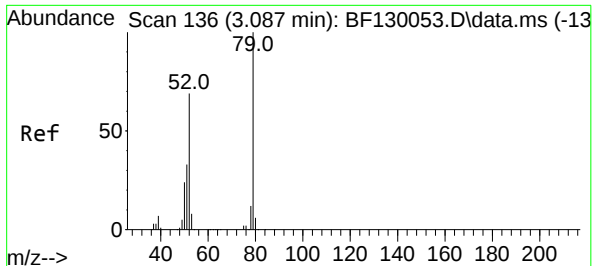
Tgt Ion:152 Resp: 317982
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.9 190.3
 115 62.8 53.4 80.0



#2
 1,4-Dioxane
 Concen: 33.500 ng
 RT: 2.457 min Scan# 29
 Delta R.T. 0.076 min
 Lab File: BF130071.D
 Acq: 01 Sep 2022 10:52

Tgt Ion: 88 Resp: 293247
 Ion Ratio Lower Upper
 88 100
 58 72.7 60.9 91.3
 43 25.6 23.6 35.4

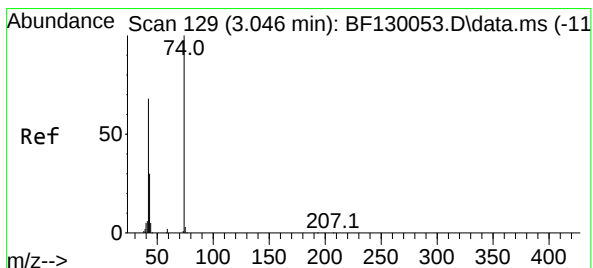
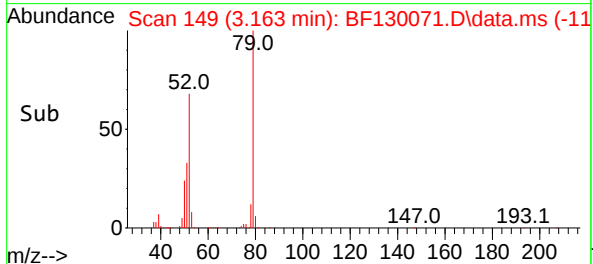
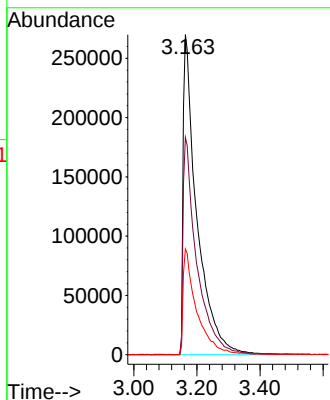
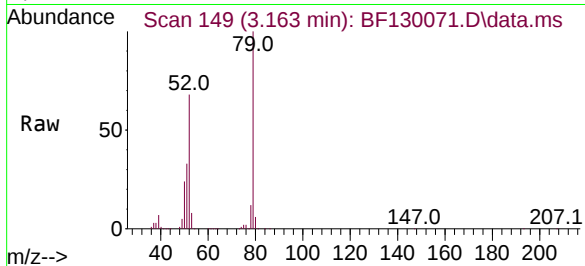




#3
Pyridine
Concen: 34.620 ng
RT: 3.163 min Scan# 14
Delta R.T. 0.076 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

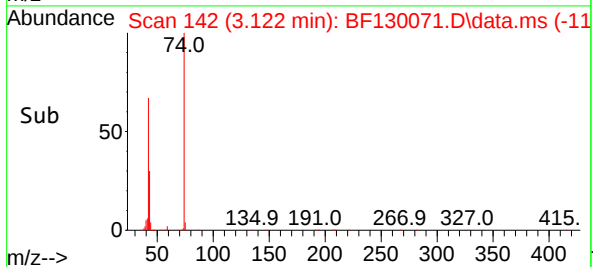
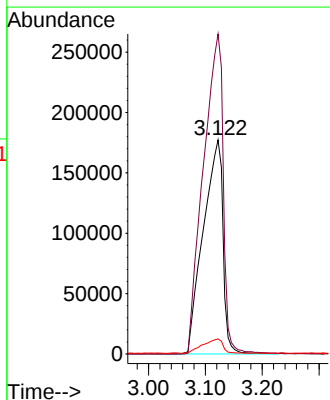
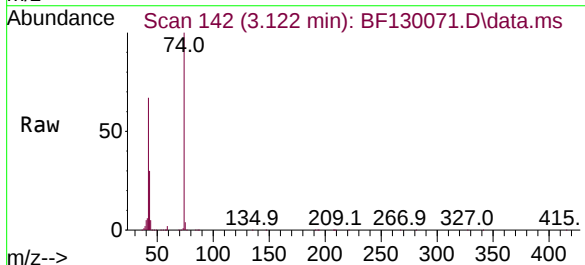
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ClientSampleId :
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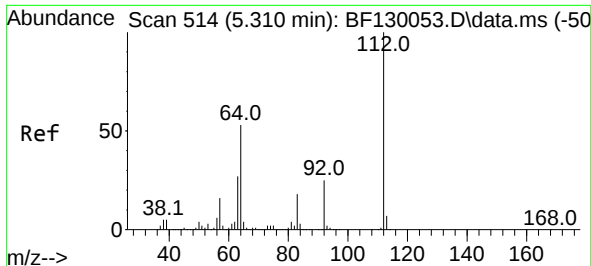
Tgt Ion: 79 Resp: 812630
Ion Ratio Lower Upper
79 100
52 67.9 59.4 89.2
51 33.0 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 46.170 ng
RT: 3.122 min Scan# 142
Delta R.T. 0.076 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion: 42 Resp: 426203
Ion Ratio Lower Upper
42 100
74 149.4 103.1 154.7
44 7.1 5.4 8.2

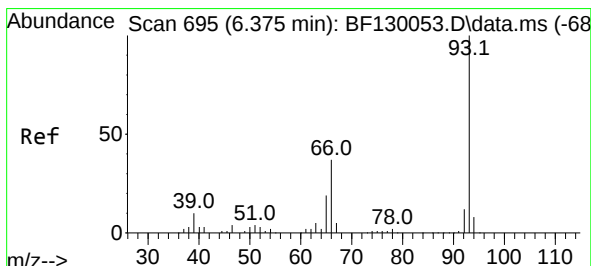
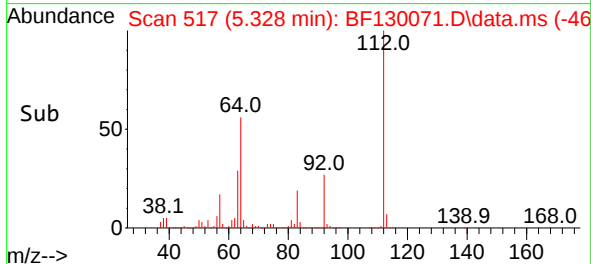
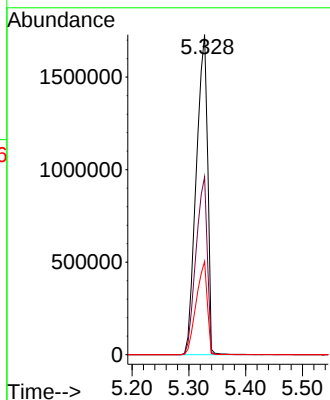
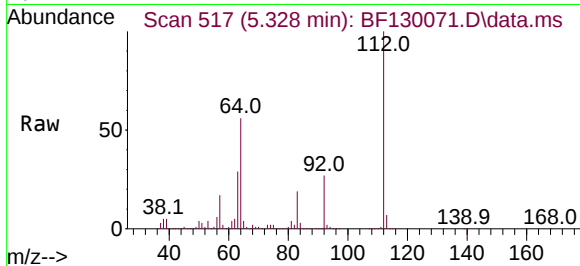




#5
2-Fluorophenol
Concen: 128.587 ng
RT: 5.328 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

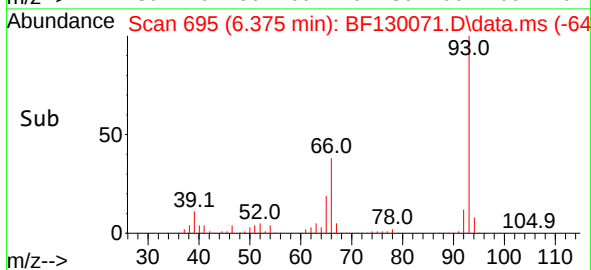
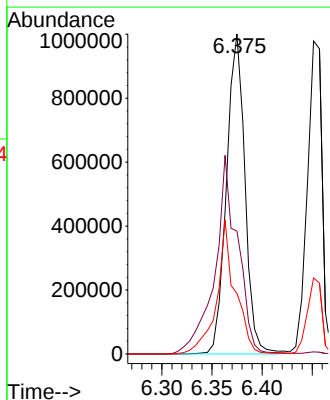
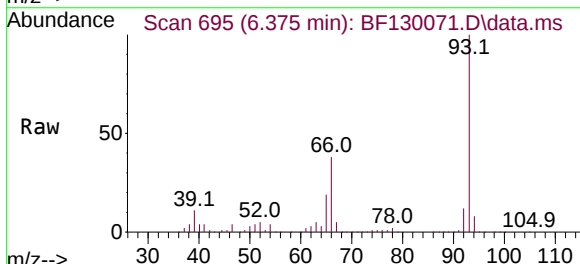
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Tgt Ion:112 Resp: 2408526
Ion Ratio Lower Upper
112 100
64 55.6 47.6 71.4
63 29.2 24.6 37.0



#6
Aniline
Concen: 43.678 ng
RT: 6.375 min Scan# 695
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion: 93 Resp: 1278756
Ion Ratio Lower Upper
93 100
66 38.4 68.7 103.1#
65 19.0 41.6 62.4#

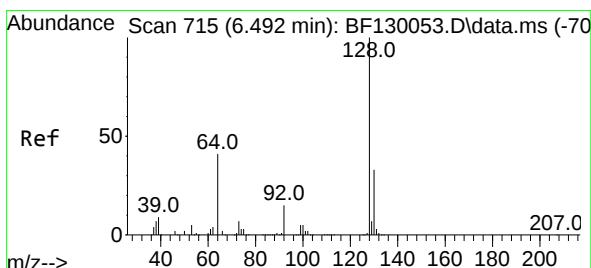
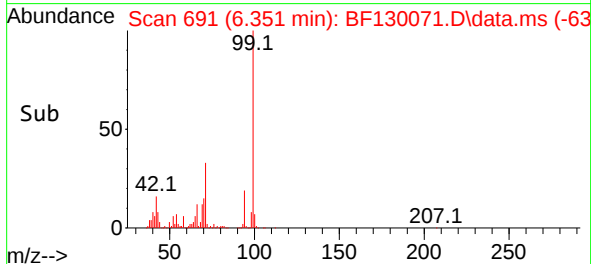
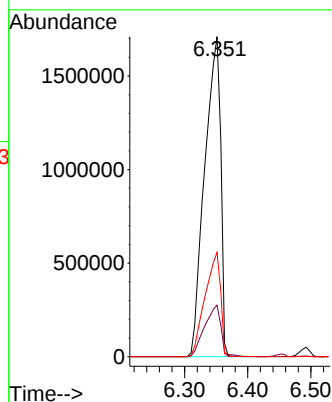
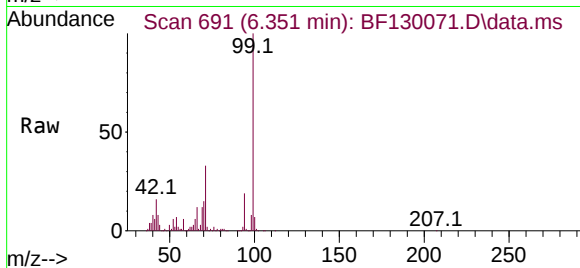




#7
Phenol-d6
Concen: 128.323 ng
RT: 6.351 min Scan# 691
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

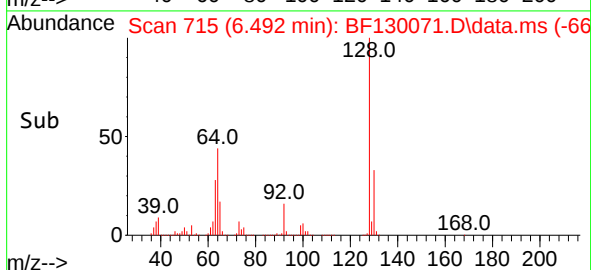
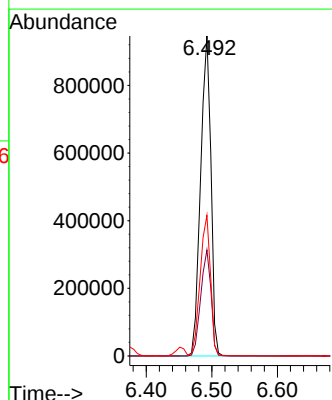
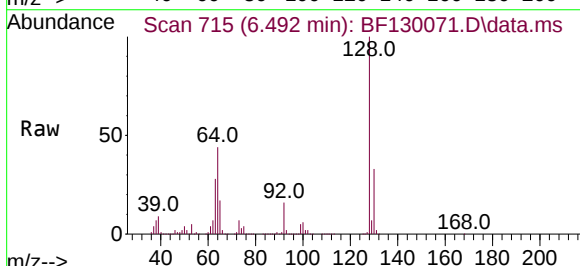
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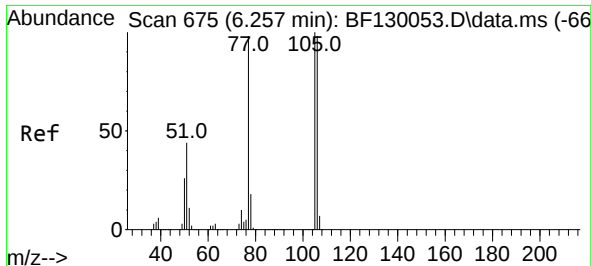
Tgt Ion: 99 Resp: 2996563
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.4
71 32.6 28.8 43.2



#8
2-Chlorophenol
Concen: 50.506 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:128 Resp: 1038339
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 44.0 24.9 64.9

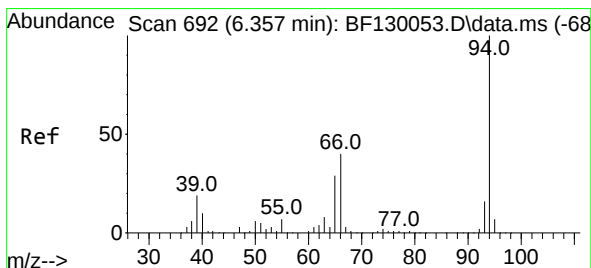
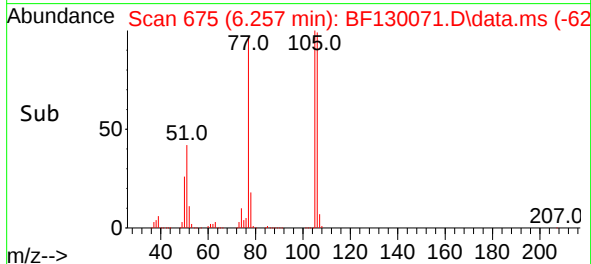
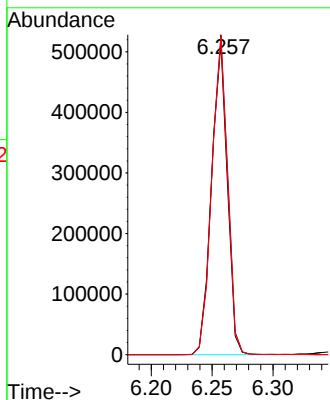
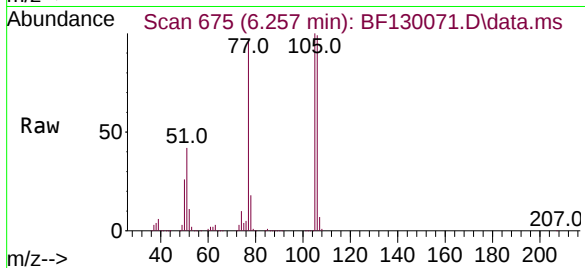




#9
Benzaldehyde
Concen: 32.377 ng
RT: 6.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

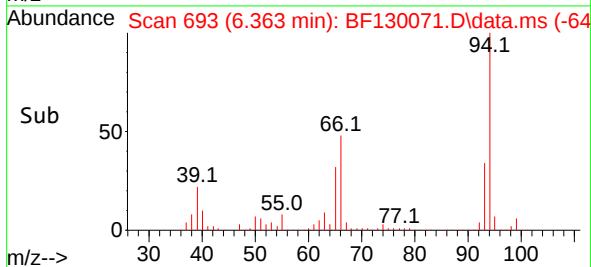
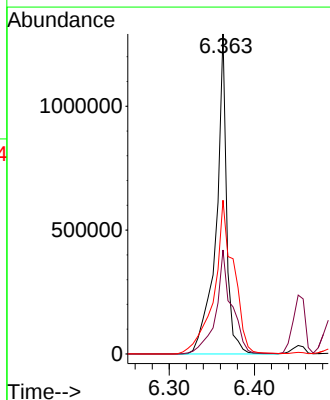
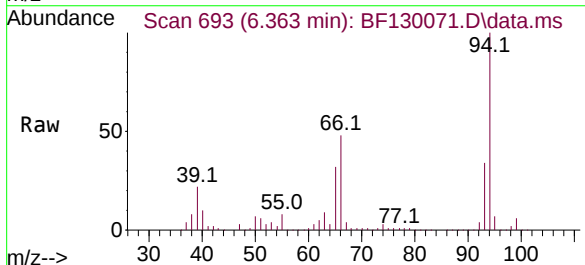
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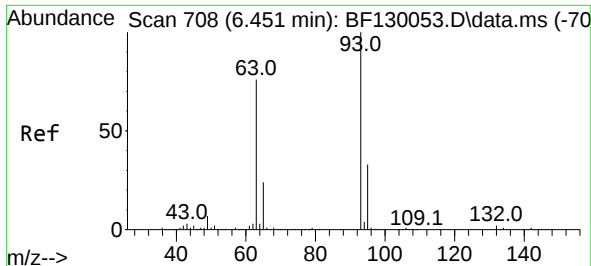
Tgt Ion: 77 Resp: 462766
Ion Ratio Lower Upper
77 100
105 102.7 80.3 120.3
106 102.0 74.3 114.3



#10
Phenol
Concen: 42.315 ng
RT: 6.363 min Scan# 693
Delta R.T. 0.006 min
Lab File: BF130071.D
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Tgt Ion: 94 Resp: 1116924
Ion Ratio Lower Upper
94 100
65 32.5 24.9 64.9
66 48.1 54.2 94.2#

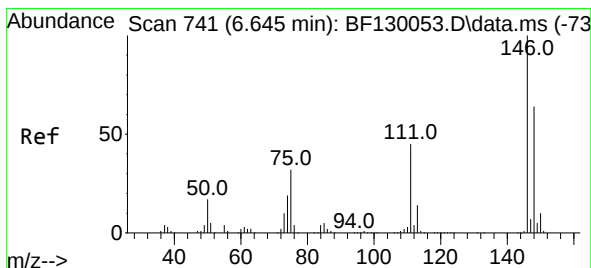
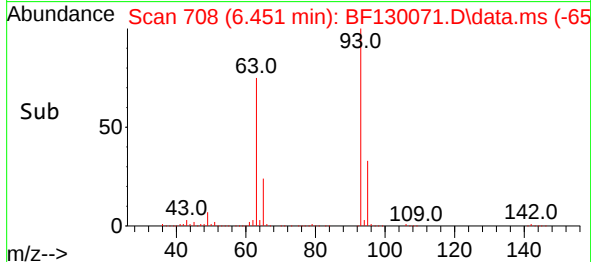
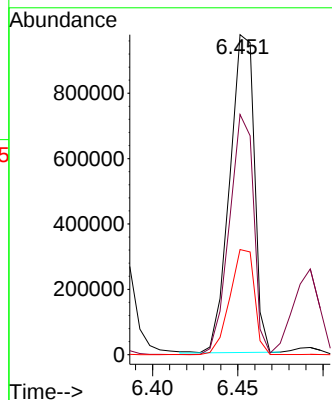
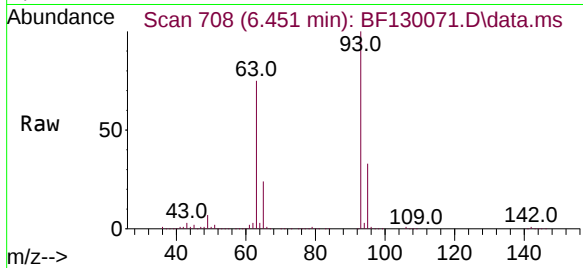




#11
bis(2-Chloroethyl)ether
Concen: 48.725 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

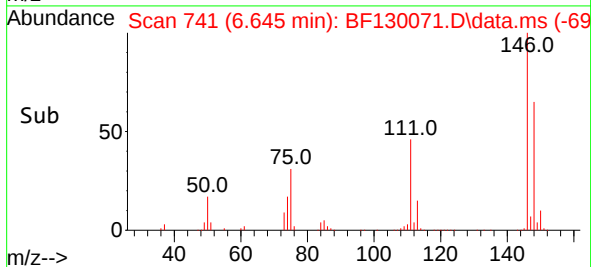
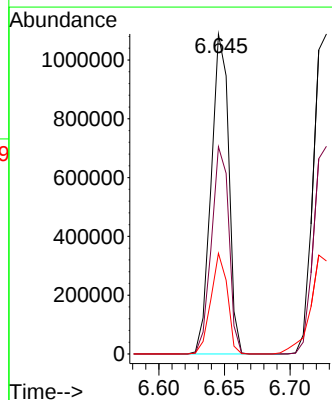
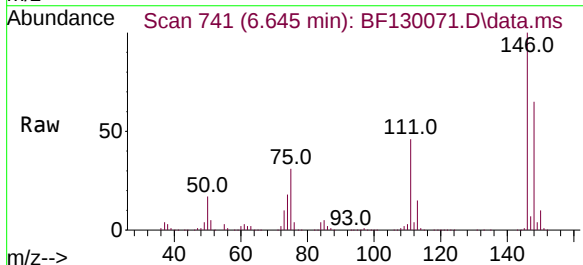
Instrument :
BNA_F
ClientSampleId :
PB147382BS

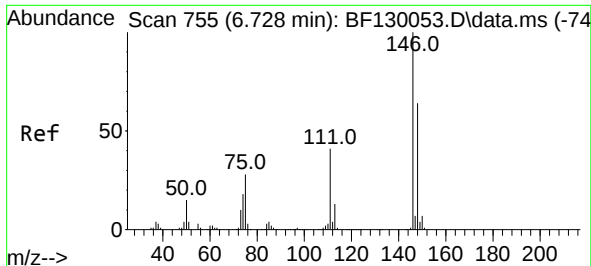
Tgt Ion: 93 Resp: 977173
Ion Ratio Lower Upper
93 100
63 75.1 55.9 95.9
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.528 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion: 146 Resp: 1014808
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 31.5 26.5 39.7

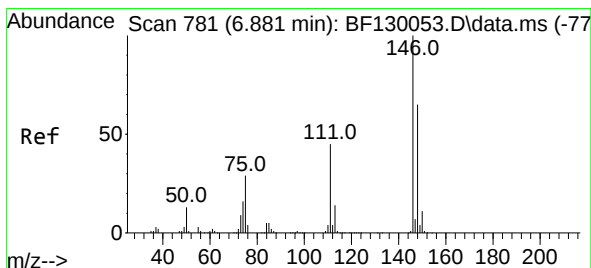
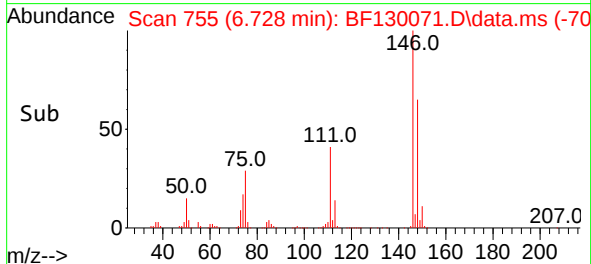
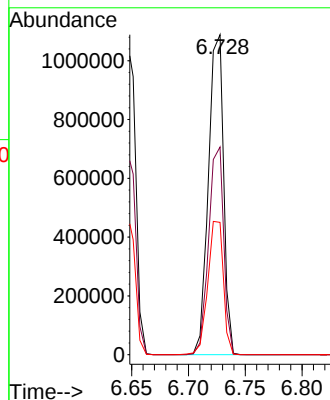
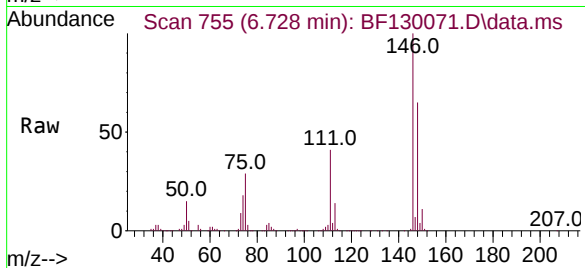




#13
1,4-Dichlorobenzene
Concen: 44.003 ng
RT: 6.728 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

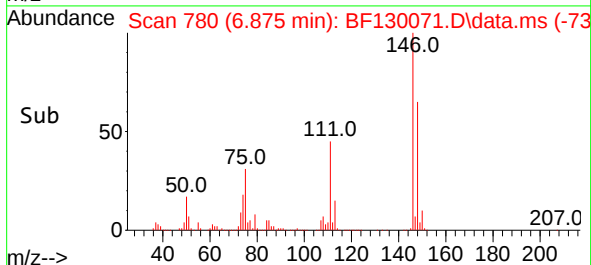
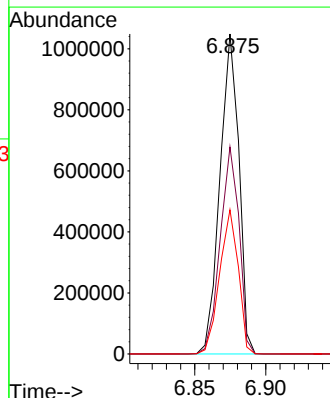
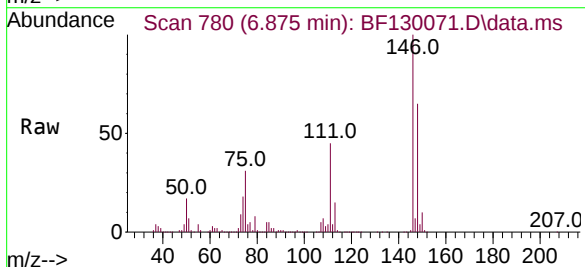
Instrument :
BNA_F
ClientSampleId :
PB147382BS

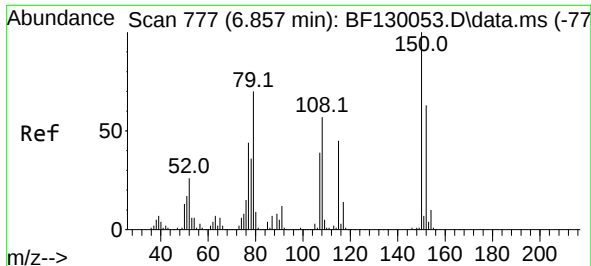
Tgt Ion:146 Resp: 1010149
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
111 41.4 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 46.488 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:146 Resp: 970110
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 45.1 37.2 55.8





#15

Benzyl Alcohol

Concen: 47.801 ng

RT: 6.857 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

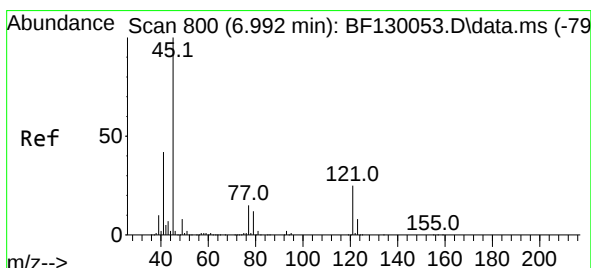
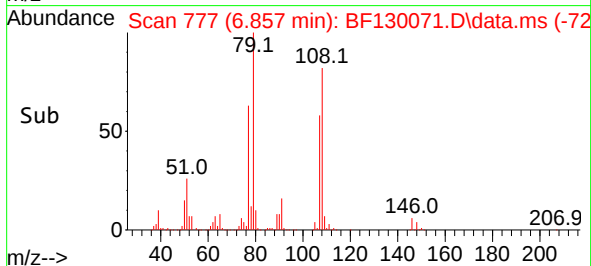
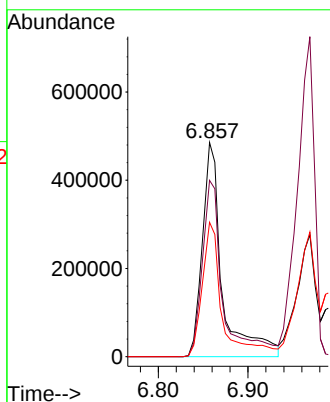
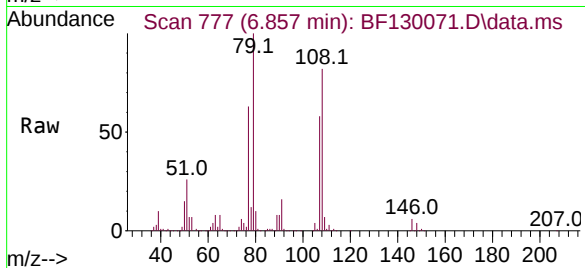
Tgt Ion: 79 Resp: 752380

Ion Ratio Lower Upper

79 100

108 82.3 59.2 88.8

77 62.7 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.228 ng

RT: 6.992 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

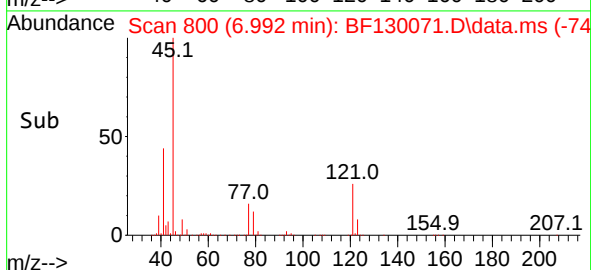
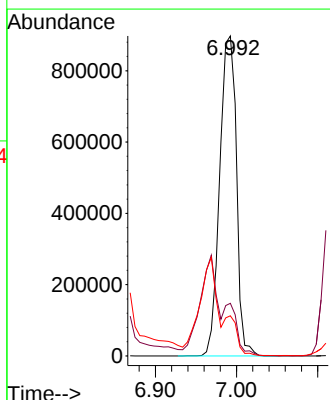
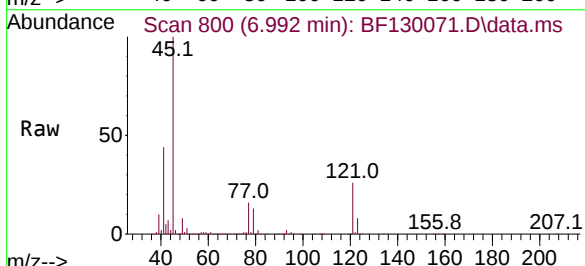
Tgt Ion: 45 Resp: 1287240

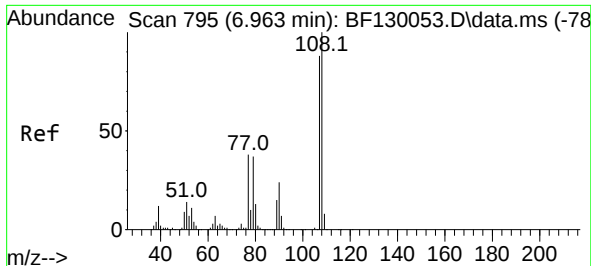
Ion Ratio Lower Upper

45 100

77 16.4 27.4 67.4#

79 12.6 24.4 64.4#





#17

2-Methylphenol

Concen: 48.426 ng

RT: 6.969 min Scan# 795

Delta R.T. 0.006 min

Lab File: BF130071.D

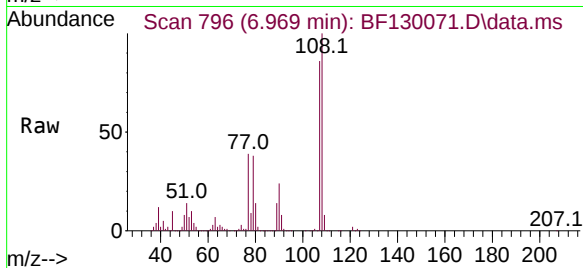
Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS



Tgt Ion:107 Resp: 837606

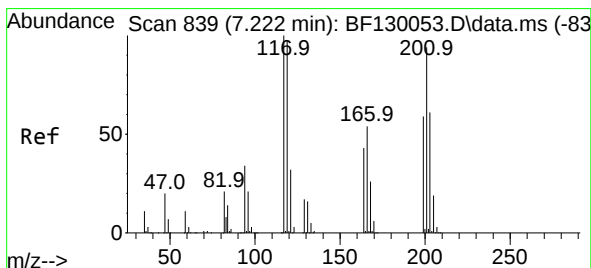
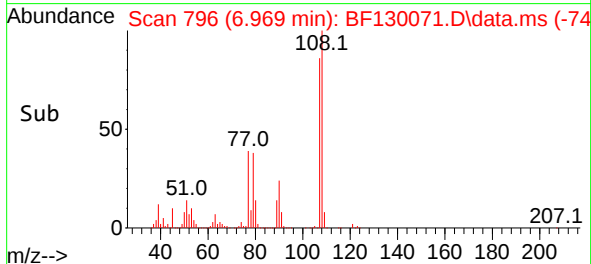
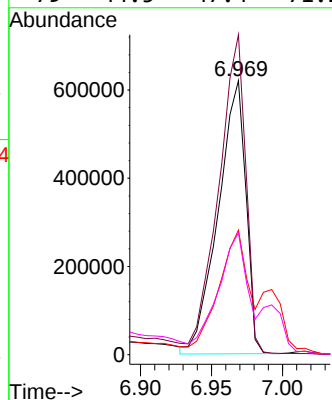
Ion Ratio Lower Upper

107 100

108 116.7 90.2 135.2

77 45.5 51.8 77.8#

79 44.5 47.4 71.2#



#18

Hexachloroethane

Concen: 47.706 ng

RT: 7.216 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

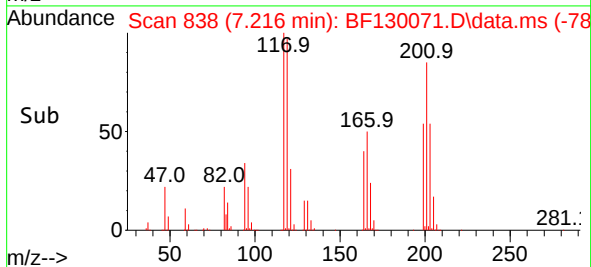
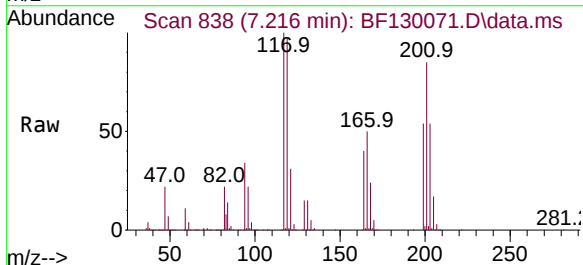
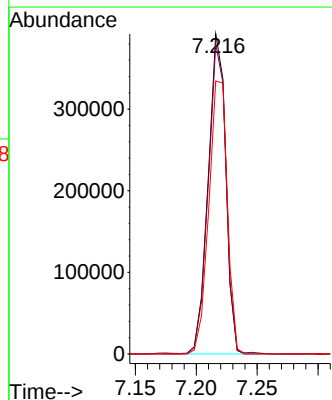
Tgt Ion:117 Resp: 395467

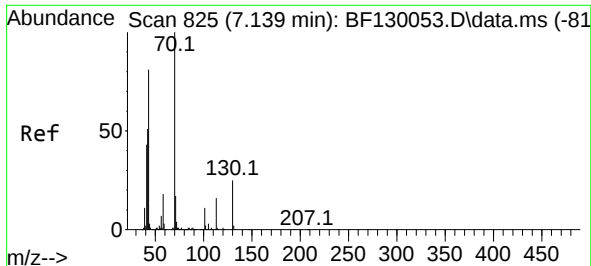
Ion Ratio Lower Upper

117 100

119 96.9 79.1 118.7

201 85.3 66.6 100.0

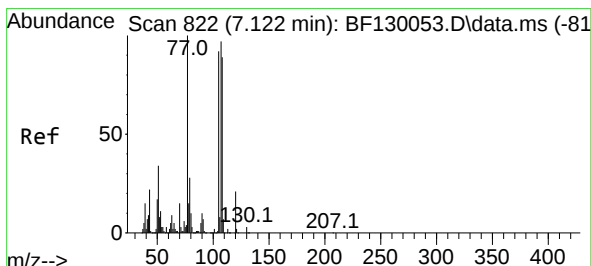
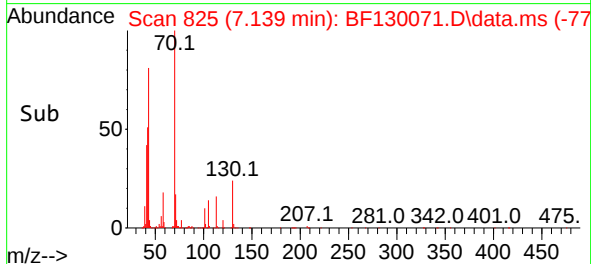
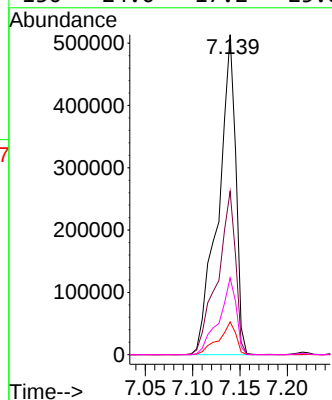
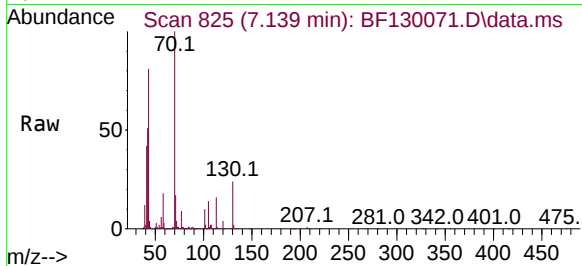




#19
n-Nitroso-di-n-propylamine
Concen: 47.076 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

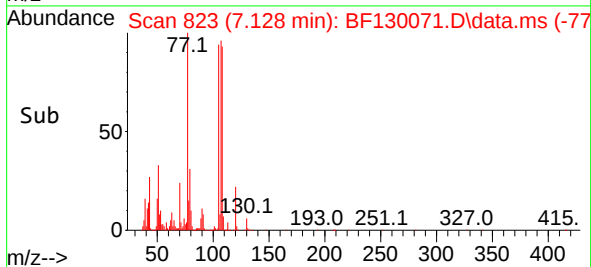
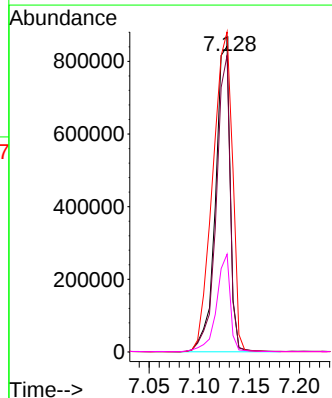
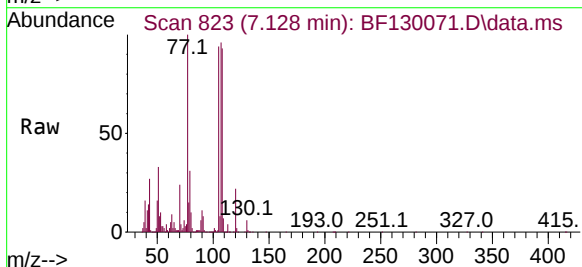
Instrument :
BNA_F
ClientSampleId :
PB147382BS

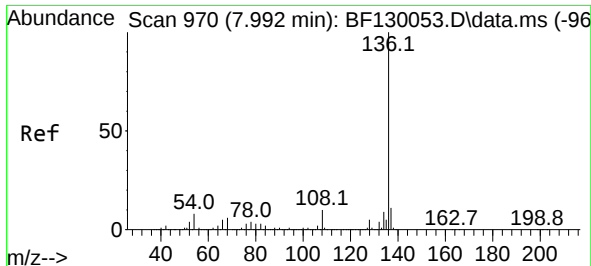
Tgt Ion: 70 Resp: 662277
Ion Ratio Lower Upper
70 100
42 51.0 47.6 71.4
101 10.3 8.1 12.1
130 24.0 17.2 25.8



#20
3+4-Methylphenols
Concen: 42.482 ng
RT: 7.128 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion: 107 Resp: 861691
Ion Ratio Lower Upper
107 100
108 97.0 71.3 111.3
77 104.6 20.4 60.4#
79 32.0 11.1 51.1

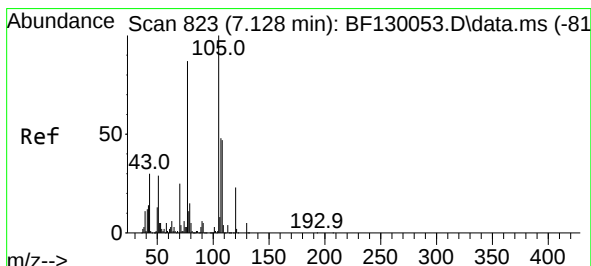
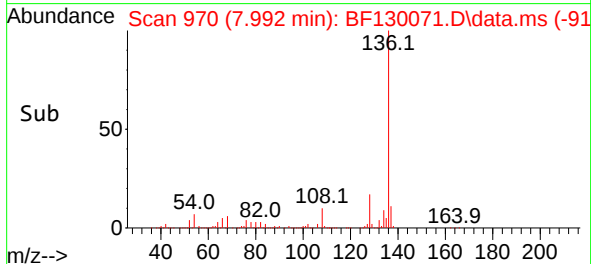
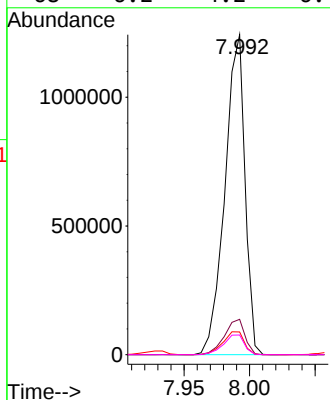
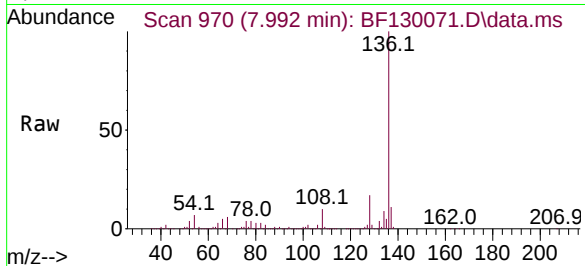




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.992 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

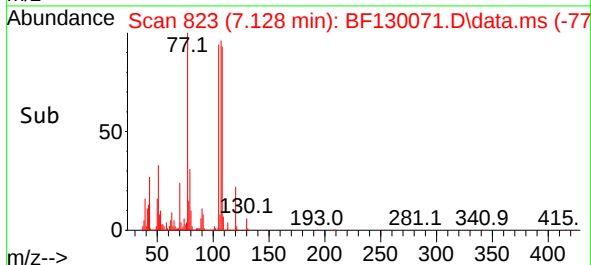
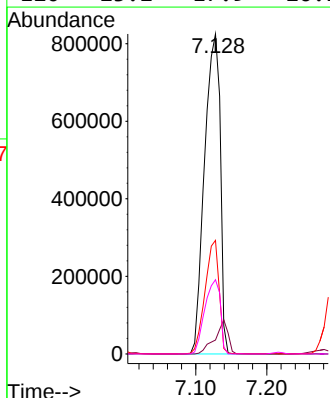
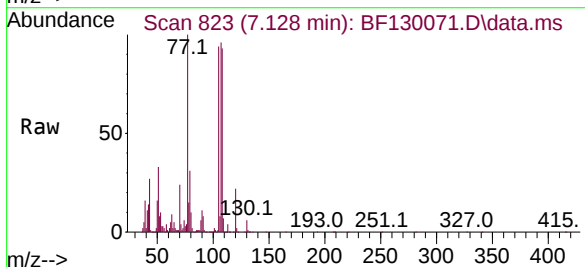
Instrument :
BNA_F
ClientSampleId :
PB147382BS

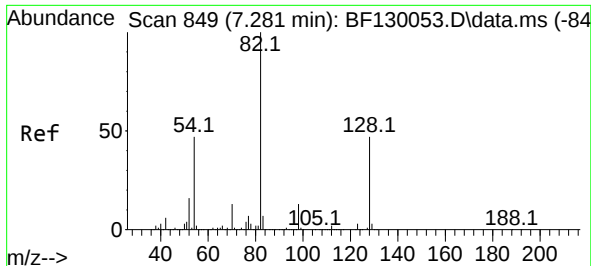
Tgt Ion:136 Resp: 1321852
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.1 6.2 9.2
68 6.2 4.2 6.4



#22
Acetophenone
Concen: 43.029 ng
RT: 7.128 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:105 Resp: 1270742
Ion Ratio Lower Upper
105 100
71 4.4 6.6 9.8#
51 35.5 23.8 35.8
120 23.2 17.9 26.9

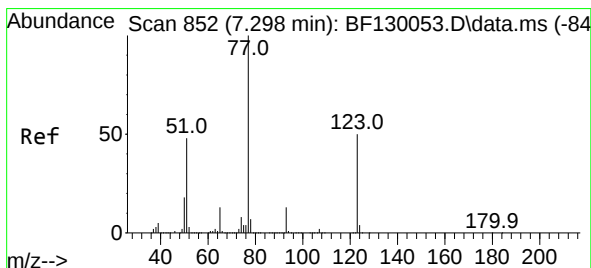
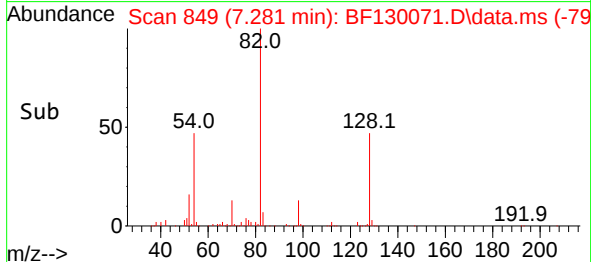
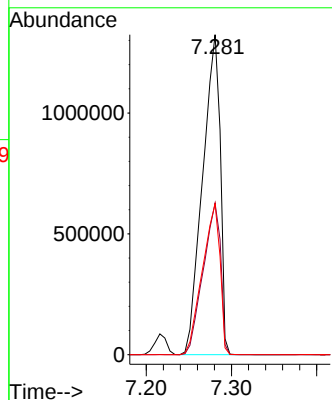
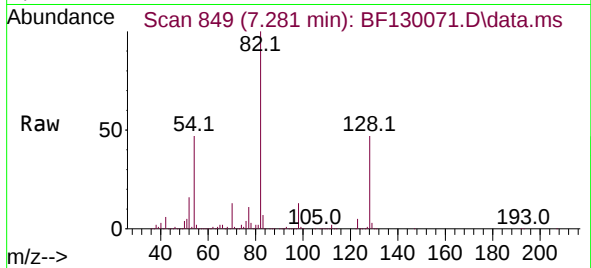




#23
Nitrobenzene-d5
Concen: 92.294 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

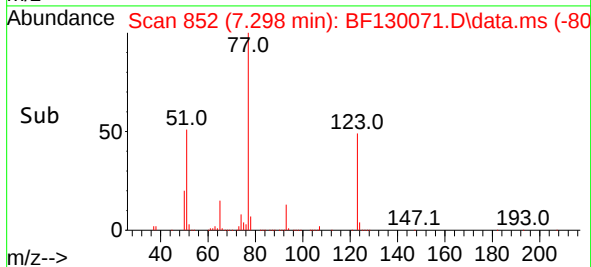
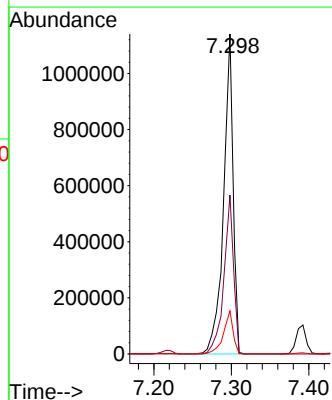
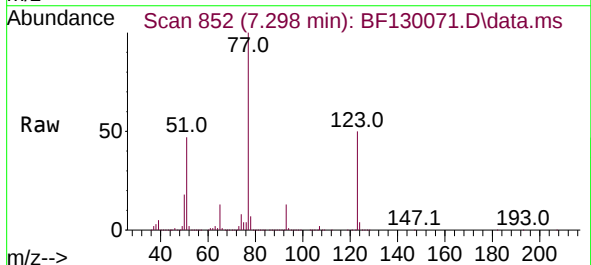
Instrument :
BNA_F
ClientSampleId :
PB147382BS

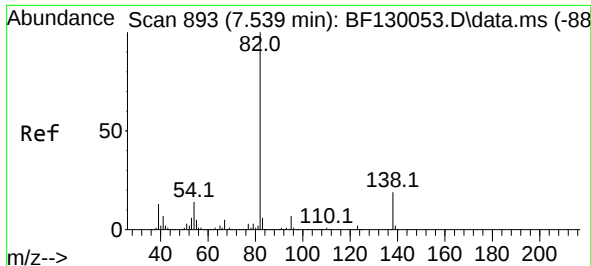
Tgt Ion: 82 Resp: 1898349
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 47.1 40.0 60.0



#24
Nitrobenzene
Concen: 44.926 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion: 77 Resp: 982740
Ion Ratio Lower Upper
77 100
123 49.7 39.2 58.8
65 13.5 11.1 16.7

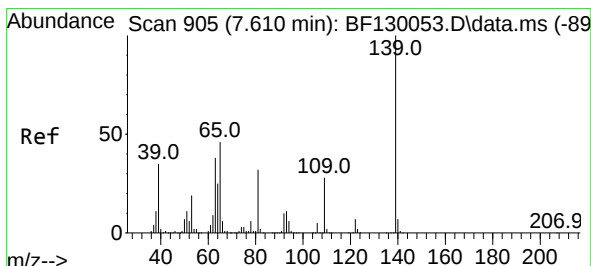
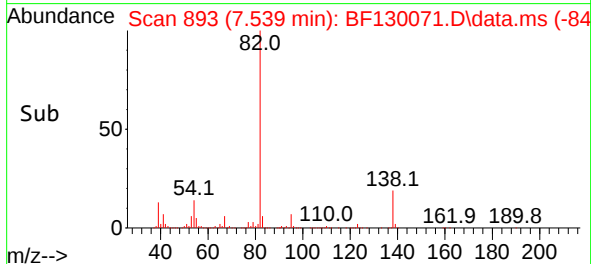
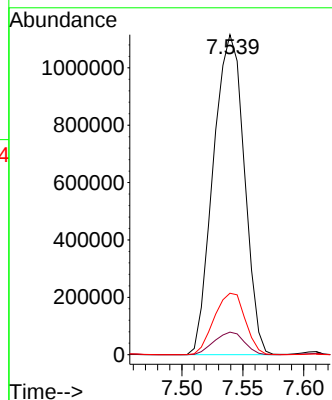
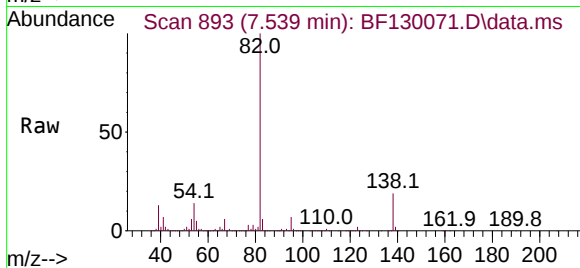




#25
Isophorone
Concen: 47.522 ng
RT: 7.539 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

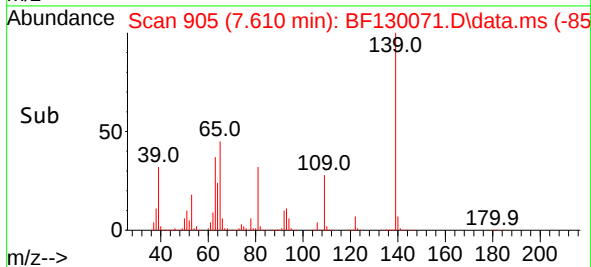
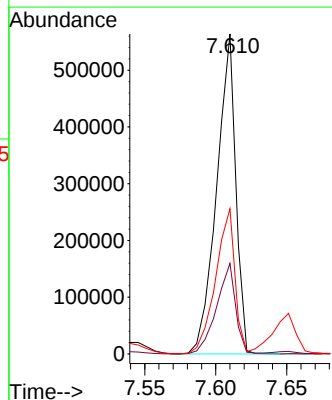
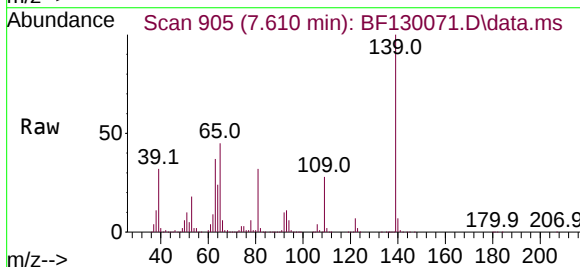
Instrument :
BNA_F
ClientSampleId :
PB147382BS

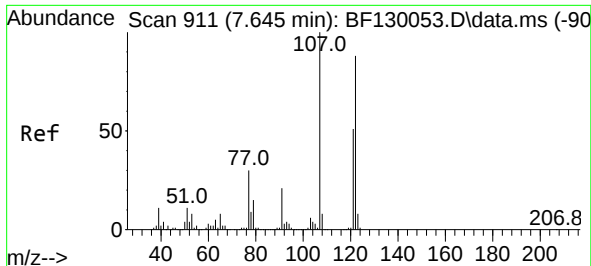
Tgt Ion: 82 Resp: 1978358
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 19.2 14.6 21.8



#26
2-Nitrophenol
Concen: 51.098 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion: 139 Resp: 527585
Ion Ratio Lower Upper
139 100
109 28.3 24.4 36.6
65 45.4 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 52.175 ng

RT: 7.651 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF130071.D

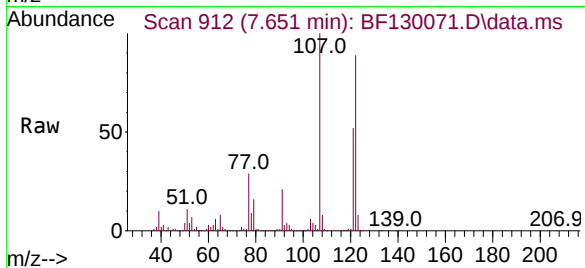
Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS



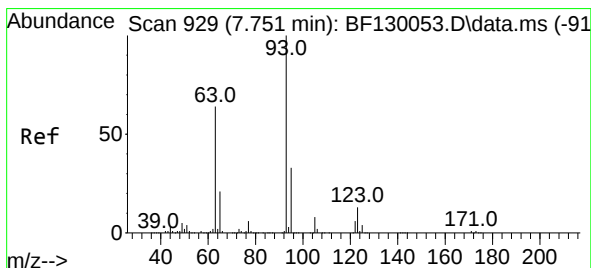
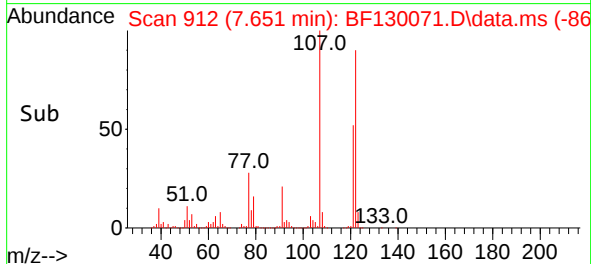
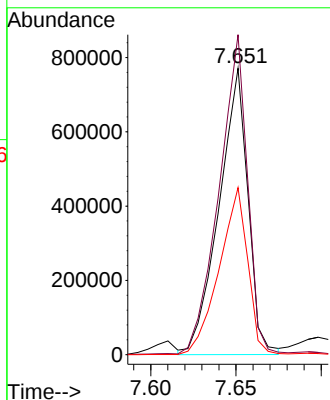
Tgt Ion:122 Resp: 911410

Ion Ratio Lower Upper

122 100

107 111.7 92.2 138.4

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.840 ng

RT: 7.751 min Scan# 929

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

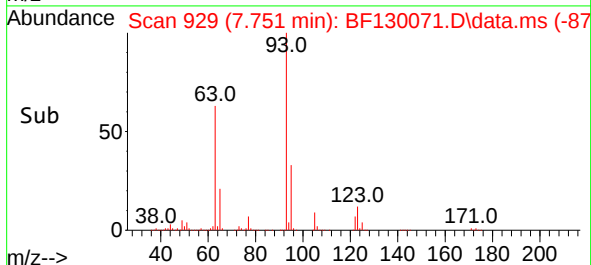
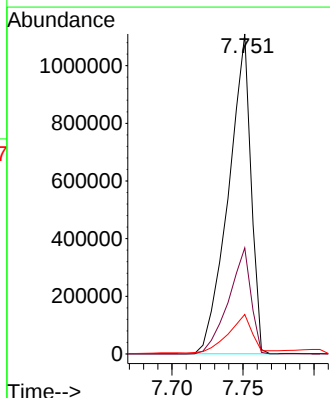
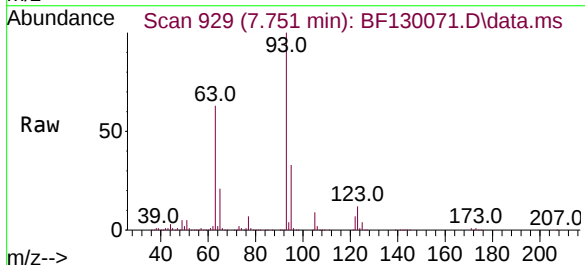
Tgt Ion: 93 Resp: 1221361

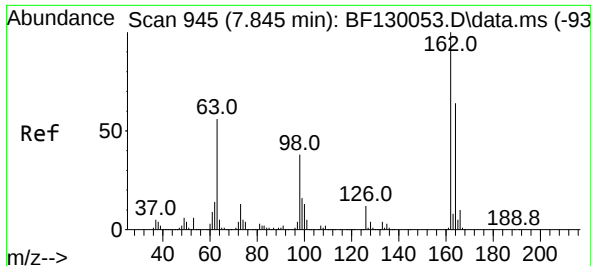
Ion Ratio Lower Upper

93 100

95 33.1 25.6 38.4

123 12.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.771 ng

RT: 7.851 min Scan# 945

Delta R.T. 0.006 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

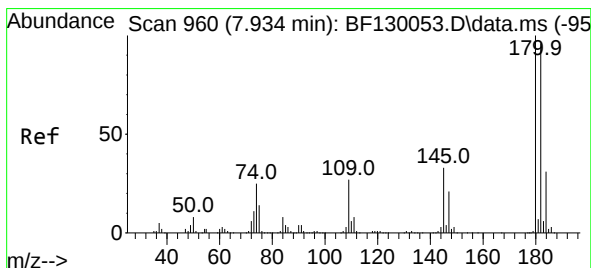
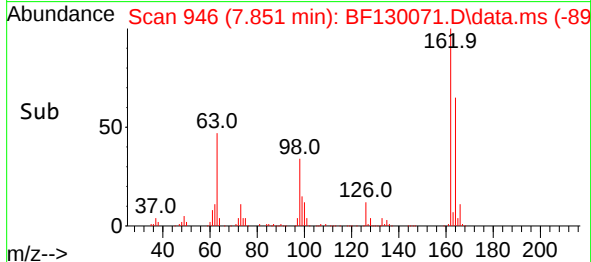
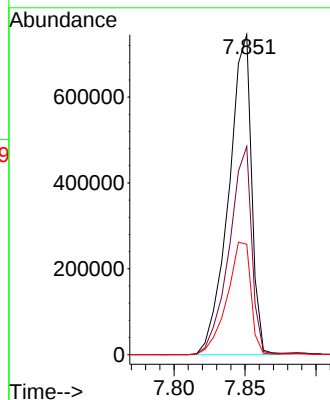
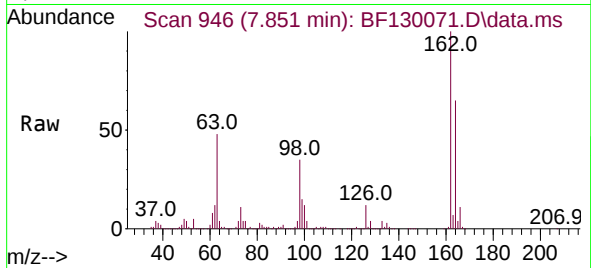
Tgt Ion:162 Resp: 836544

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

98 34.5 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.502 ng

RT: 7.934 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

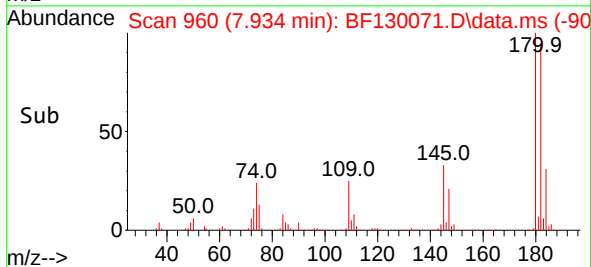
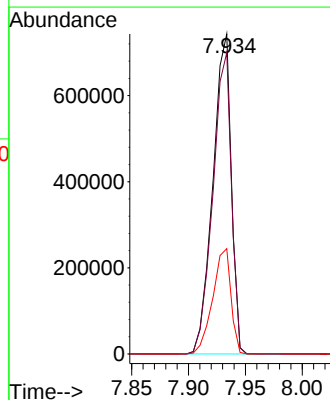
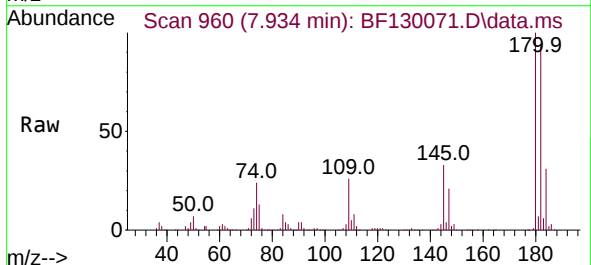
Tgt Ion:180 Resp: 837352

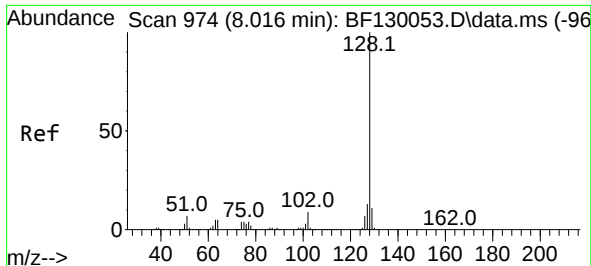
Ion Ratio Lower Upper

180 100

182 94.2 77.6 116.4

145 32.9 25.6 38.4

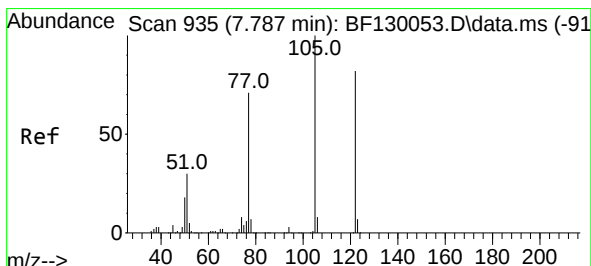
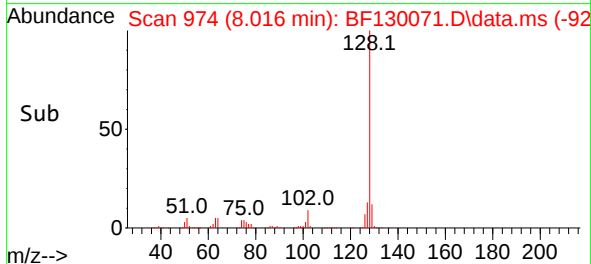
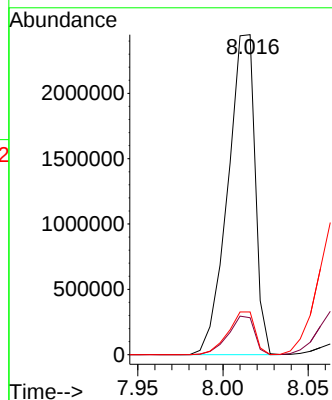
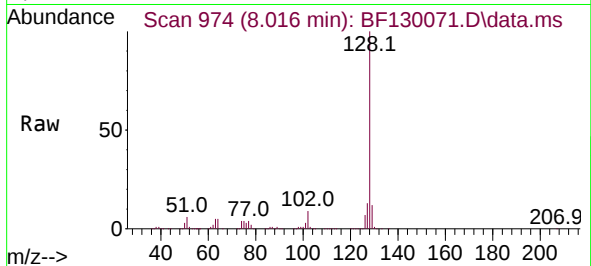




#31
Naphthalene
Concen: 40.841 ng
RT: 8.016 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

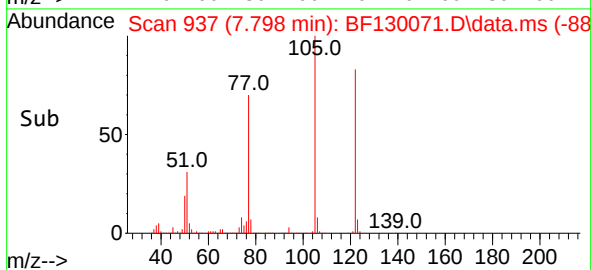
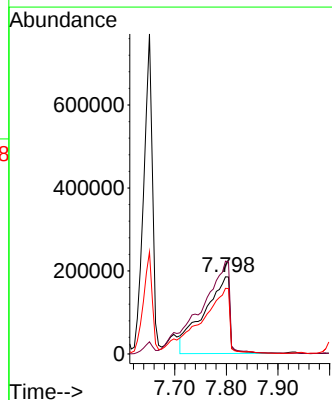
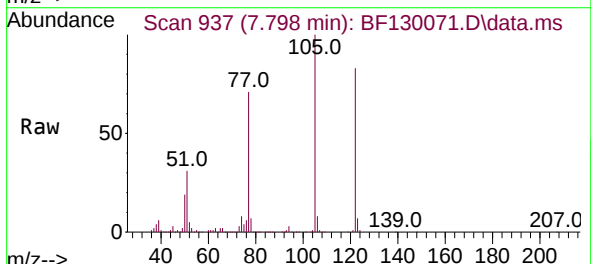
Instrument :
BNA_F
ClientSampleId :
PB147382BS

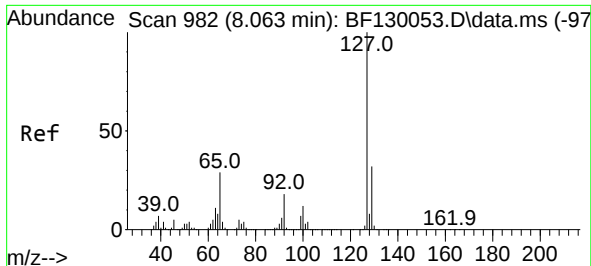
Tgt Ion:128 Resp: 2722782
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 46.095 ng
RT: 7.798 min Scan# 937
Delta R.T. 0.011 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:122 Resp: 653128
Ion Ratio Lower Upper
122 100
105 120.2 99.9 139.9
77 85.0 65.9 105.9



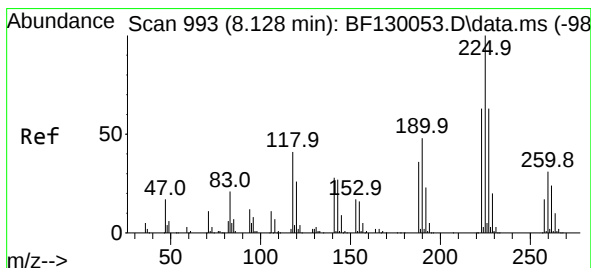
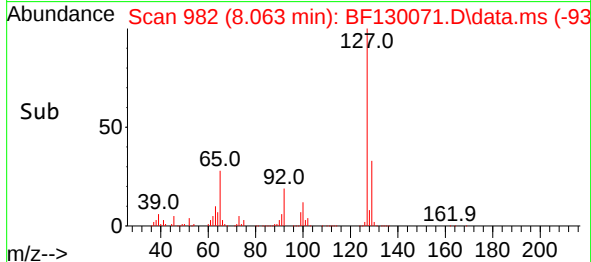
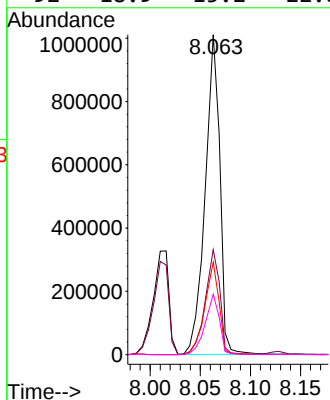
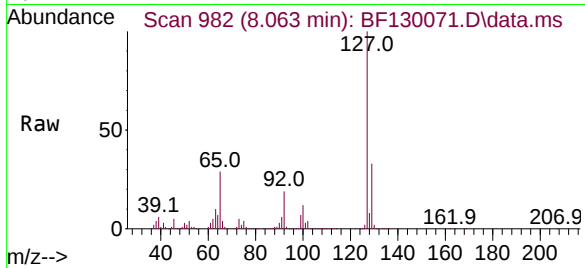


#33
4-Chloroaniline
Concen: 38.307 ng
RT: 8.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB147382BS

Tgt Ion:127 Resp: 1031785

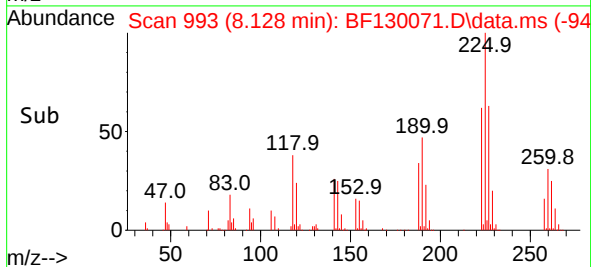
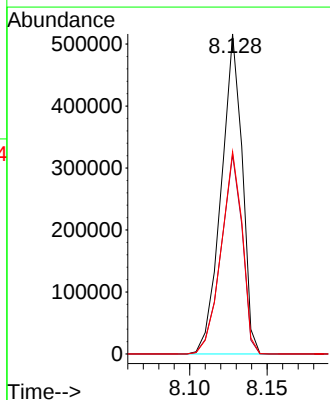
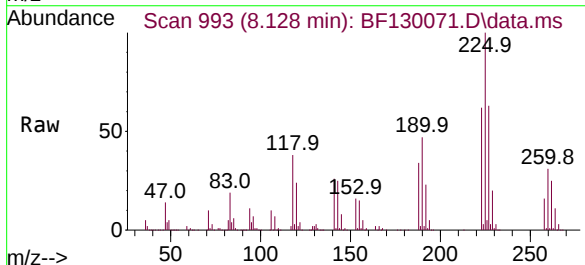
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	28.8	24.2	36.2
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.103 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:225 Resp: 486346

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	63.2	50.6	75.8

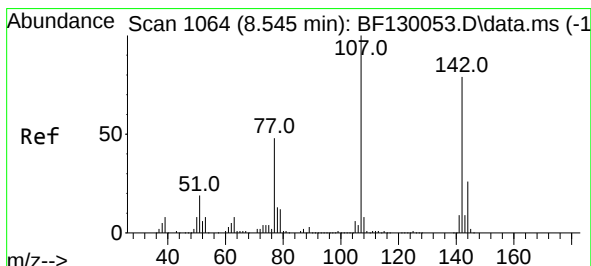
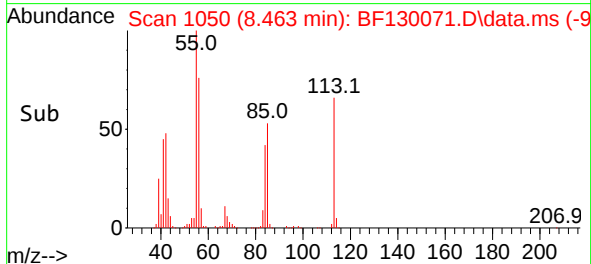
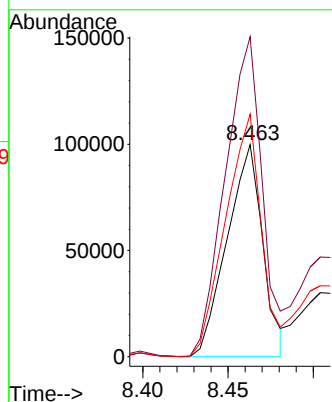
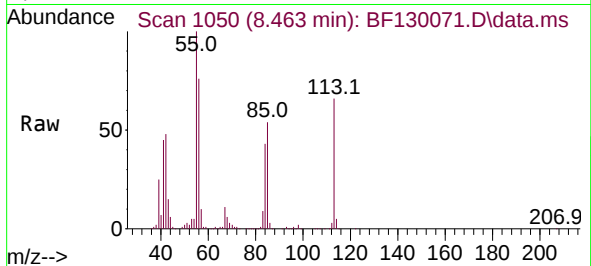




#35
 Caprolactam
 Concen: 24.974 ng
 RT: 8.463 min Scan# 1050
 Delta R.T. 0.012 min
 Lab File: BF130071.D
 Acq: 01 Sep 2022 10:52

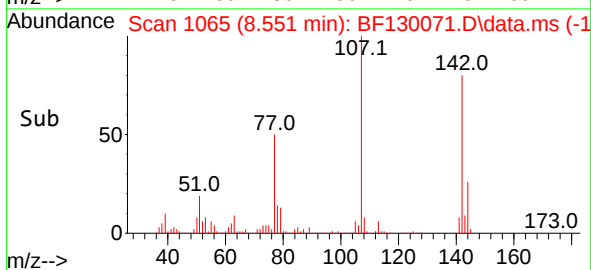
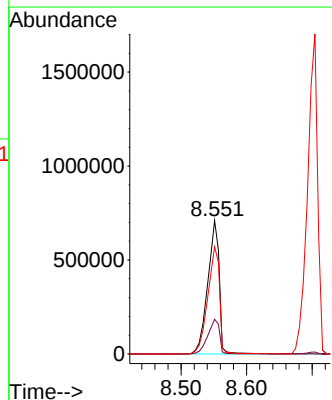
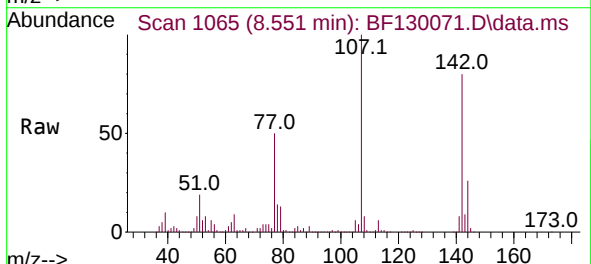
Instrument :
 BNA_F
 ClientSampleId :
 PB147382BS

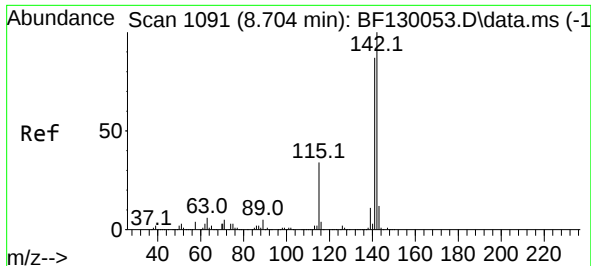
Tgt Ion:113 Resp: 144603
 Ion Ratio Lower Upper
 113 100
 55 150.9 148.8 188.8
 56 114.4 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.826 ng
 RT: 8.551 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: BF130071.D
 Acq: 01 Sep 2022 10:52

Tgt Ion:107 Resp: 866454
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.9 29.9
 142 80.3 60.2 90.4





#37

2-Methylnaphthalene

Concen: 41.996 ng

RT: 8.704 min Scan# 1091

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

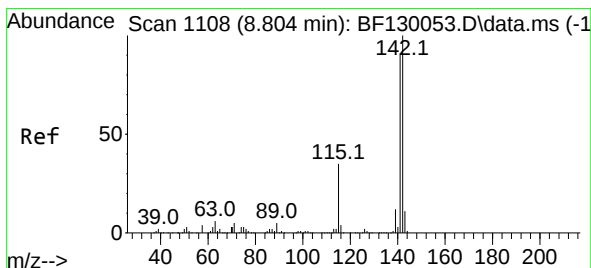
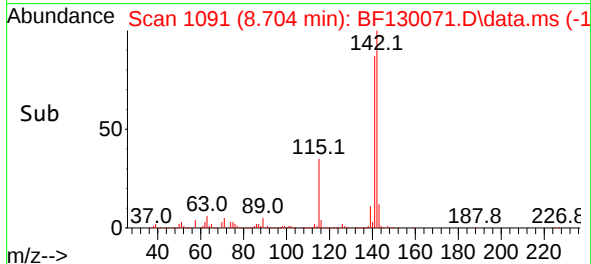
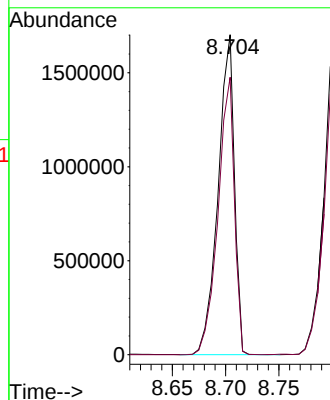
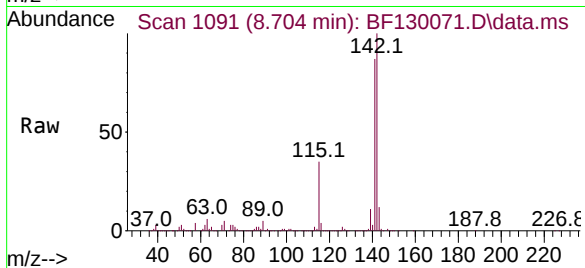
PB147382BS

Tgt Ion:142 Resp: 1803520

Ion Ratio Lower Upper

142 100

141 86.7 70.9 106.3



#38

1-Methylnaphthalene

Concen: 40.291 ng

RT: 8.804 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF130071.D

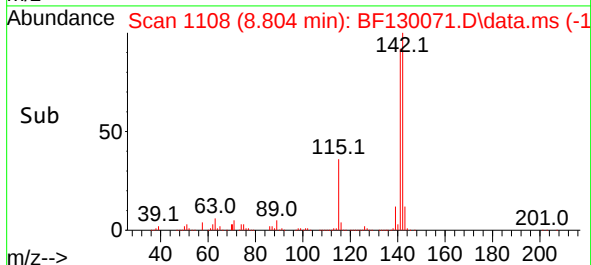
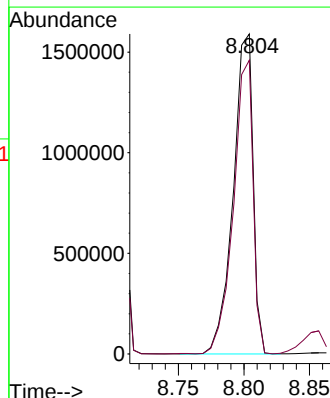
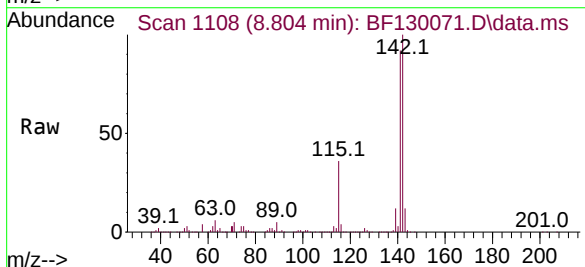
Acq: 01 Sep 2022 10:52

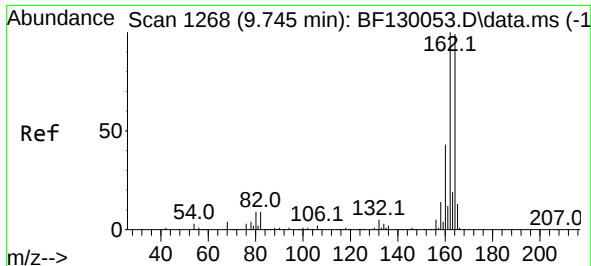
Tgt Ion:142 Resp: 1681874

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3

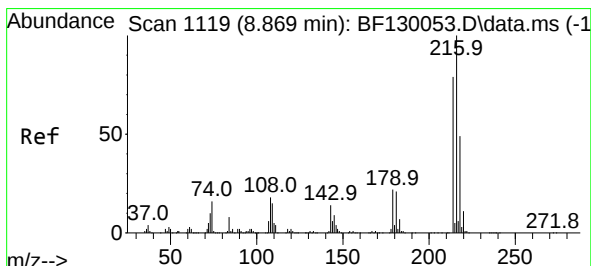
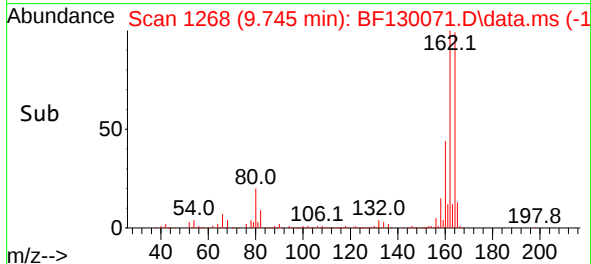
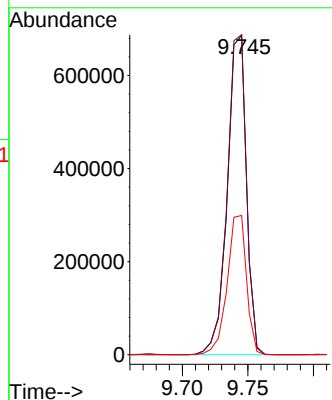
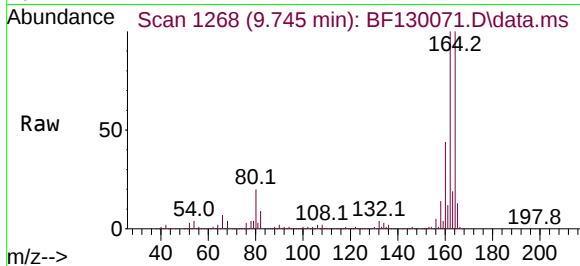




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.745 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

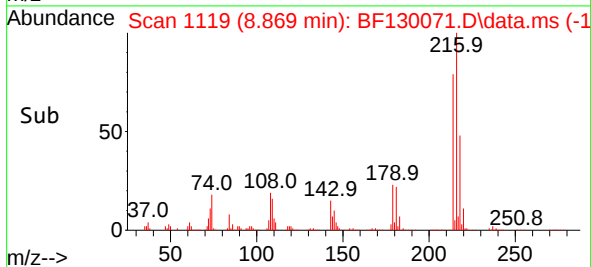
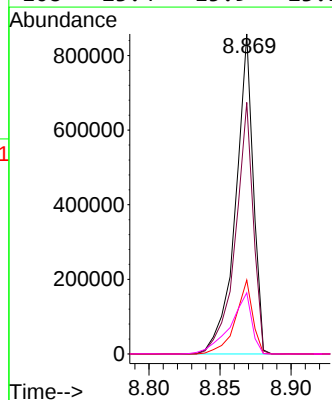
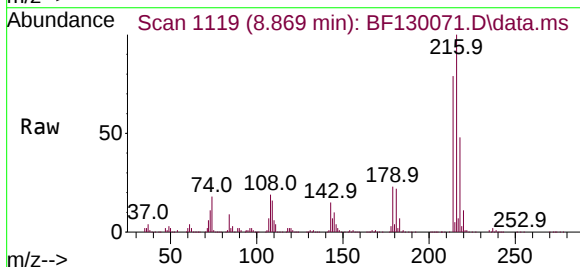
Instrument :
BNA_F
ClientSampleId :
PB147382BS

Tgt Ion:164 Resp: 694199
Ion Ratio Lower Upper
164 100
162 100.3 82.0 123.0
160 43.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.965 ng
RT: 8.869 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:216 Resp: 741557
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 22.5 18.1 27.1
108 23.4 15.9 23.9

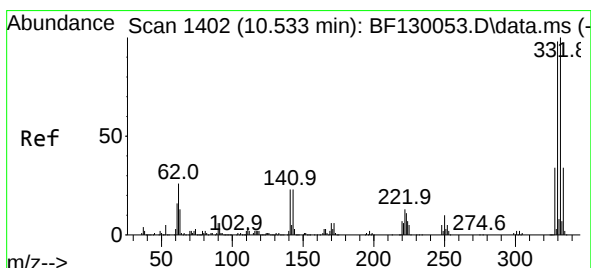
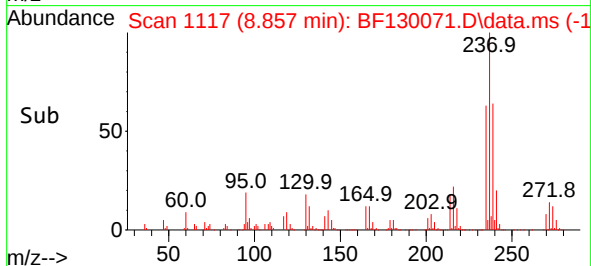
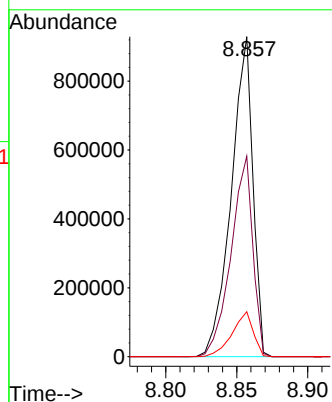
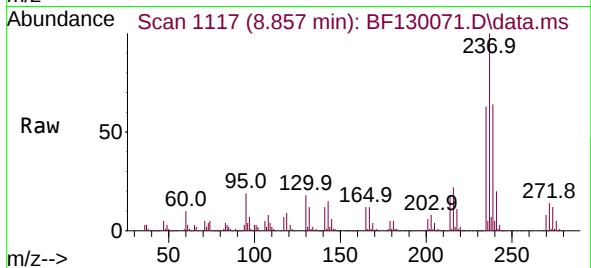




#41
Hexachlorocyclopentadiene
Concen: 104.150 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

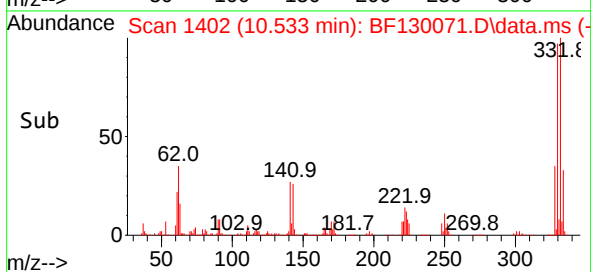
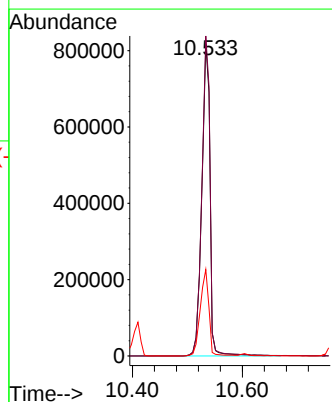
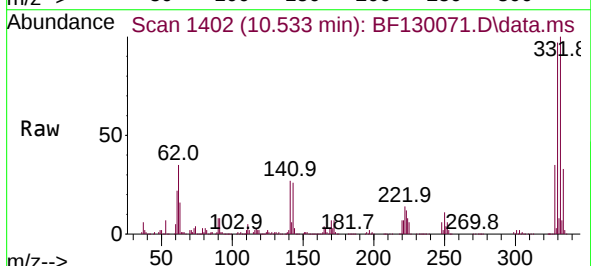
Instrument :
BNA_F
ClientSampleId :
PB147382BS

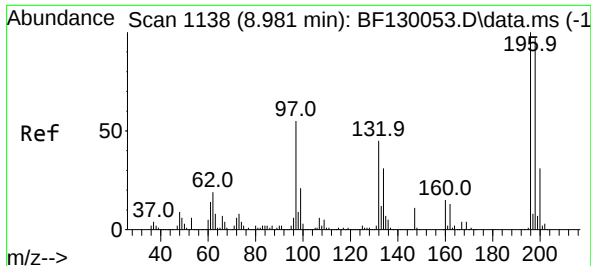
Tgt Ion:237 Resp: 985287
Ion Ratio Lower Upper
237 100
235 62.7 41.5 81.5
272 14.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 135.166 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:330 Resp: 854132
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 29.1 27.6 41.4

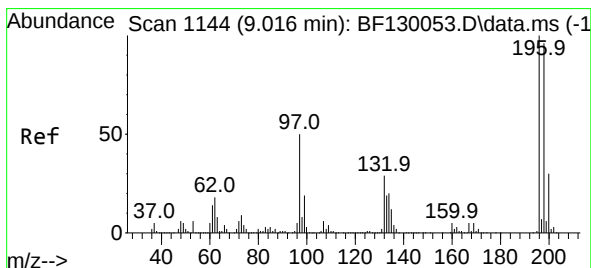
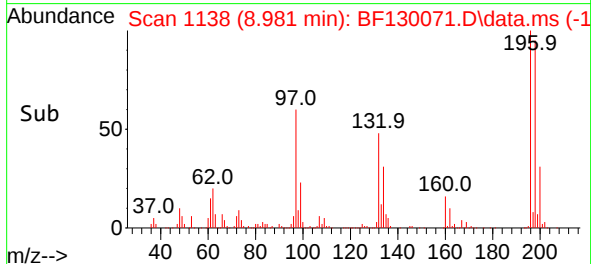
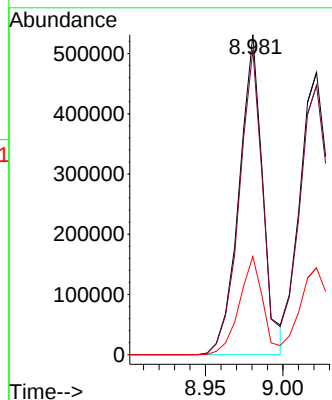
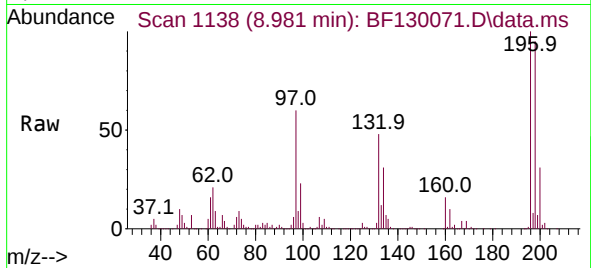




#43
2,4,6-Trichlorophenol
Concen: 43.520 ng
RT: 8.981 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

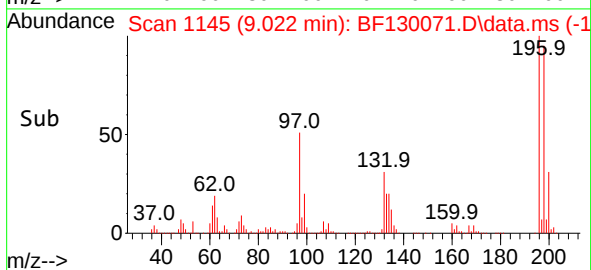
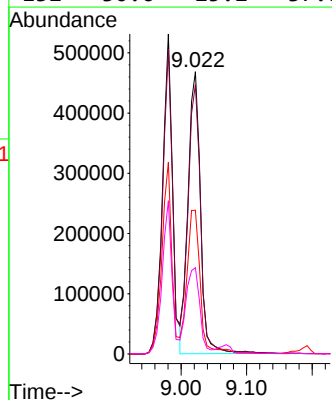
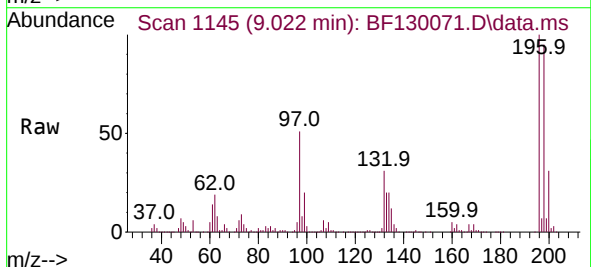
Instrument :
BNA_F
ClientSampleId :
PB147382BS

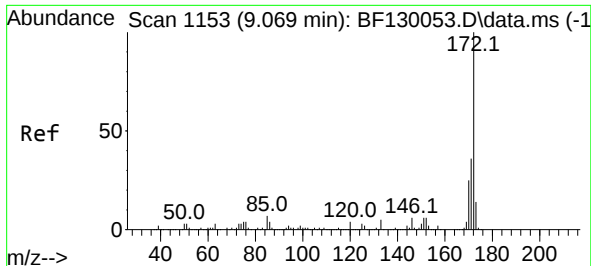
Tgt Ion:196 Resp: 562330
Ion Ratio Lower Upper
196 100
198 95.3 79.0 118.4
200 30.7 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.216 ng
RT: 9.022 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:196 Resp: 619241
Ion Ratio Lower Upper
196 100
198 95.4 76.4 114.6
97 50.9 46.5 69.7
132 30.6 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 75.818 ng

RT: 9.069 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

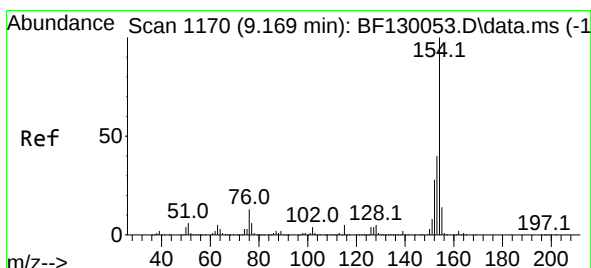
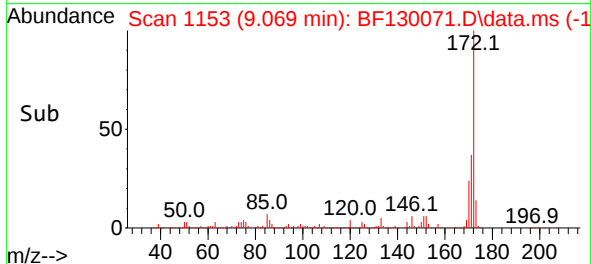
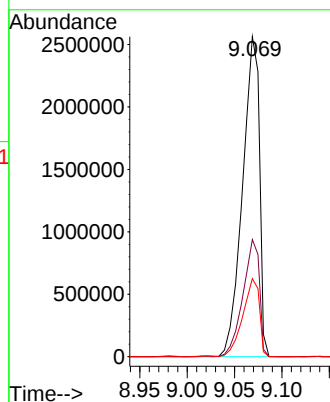
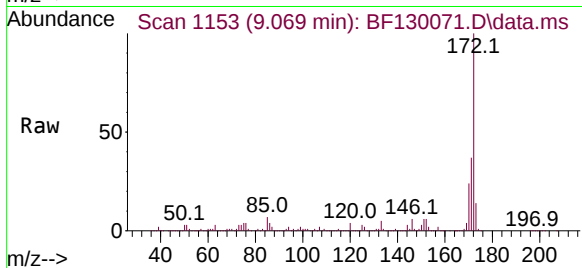
Tgt Ion:172 Resp: 3174560

Ion Ratio Lower Upper

172 100

171 36.6 28.4 42.6

170 24.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.248 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

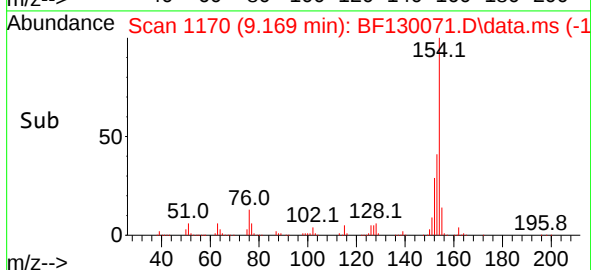
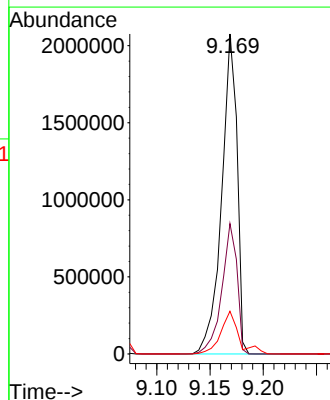
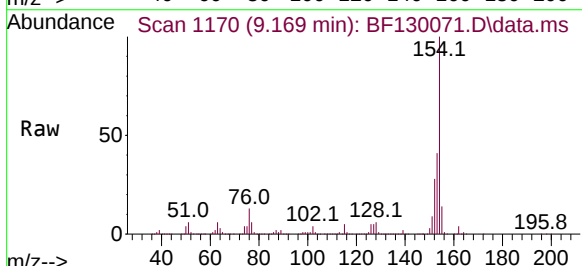
Tgt Ion:154 Resp: 2080282

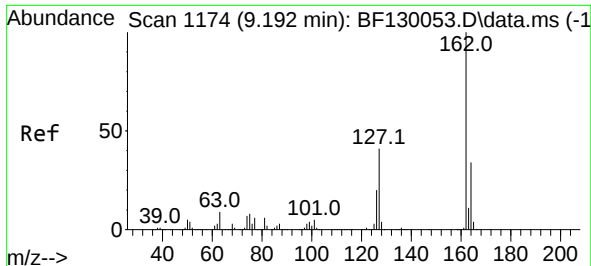
Ion Ratio Lower Upper

154 100

153 40.8 20.2 60.2

76 13.3 0.0 32.1

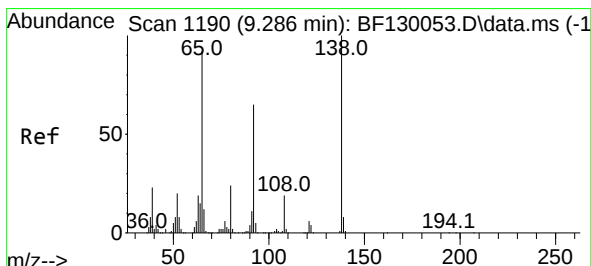
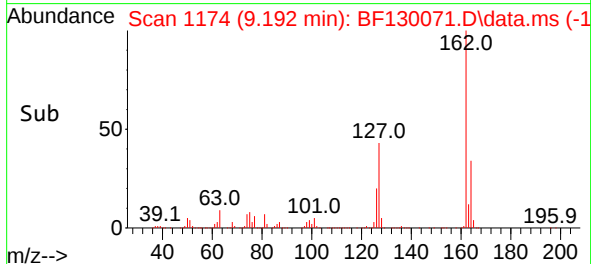
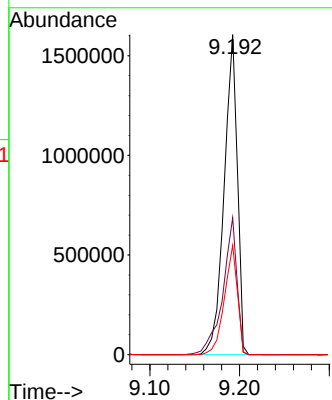
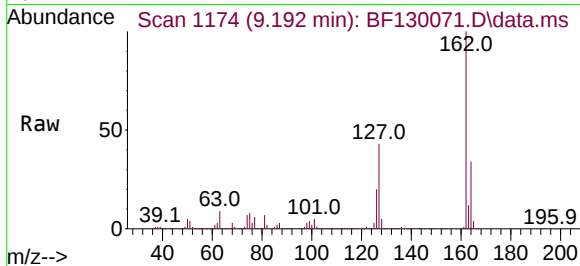




#47
2-Chloronaphthalene
Concen: 40.683 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

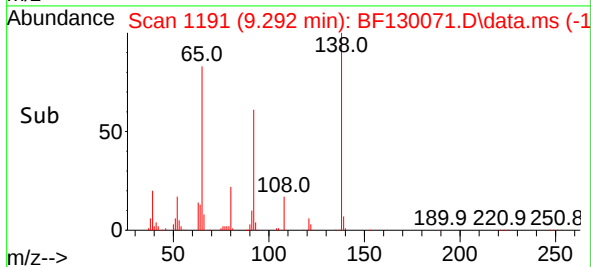
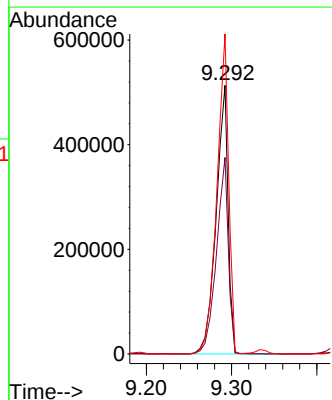
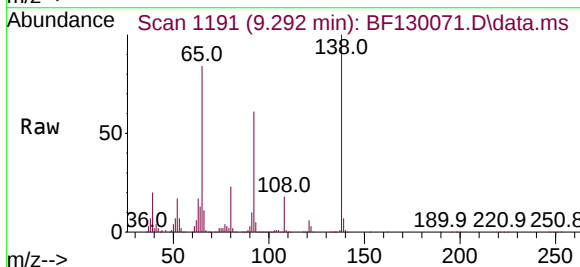
Instrument :
BNA_F
ClientSampleId :
PB147382BS

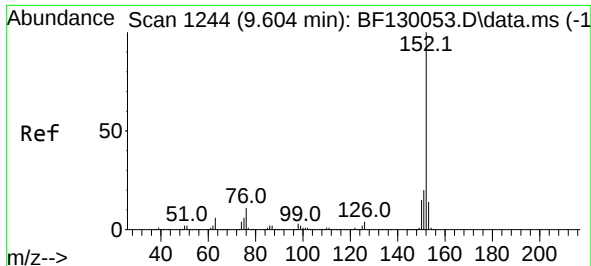
Tgt Ion:162 Resp: 1643996
Ion Ratio Lower Upper
162 100
127 42.8 33.1 49.7
164 34.2 26.7 40.1



#48
2-Nitroaniline
Concen: 50.207 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

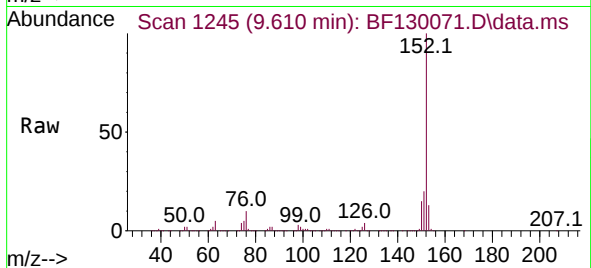
Tgt Ion: 65 Resp: 499955
Ion Ratio Lower Upper
65 100
92 73.1 55.0 82.4
138 119.1 81.3 121.9



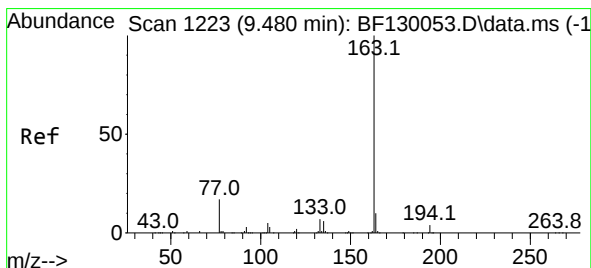
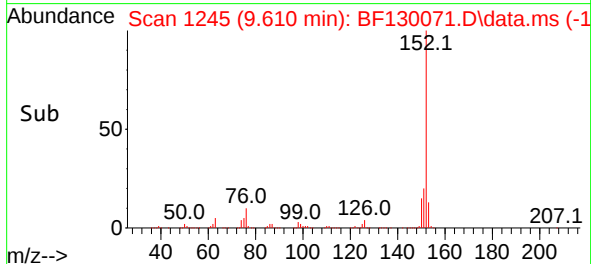
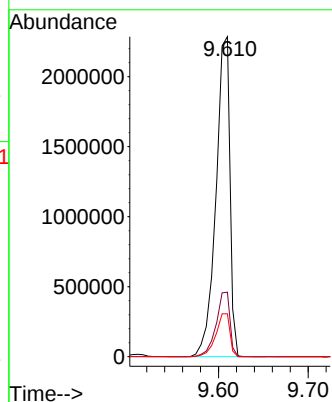


#49
Acenaphthylene
Concen: 40.281 ng
RT: 9.610 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB147382BS

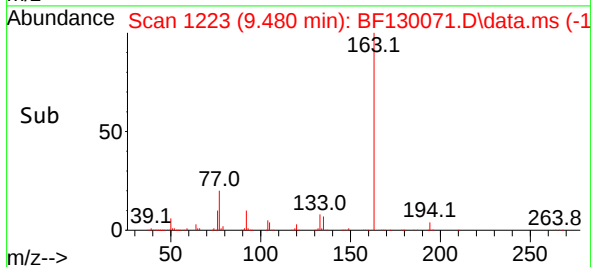
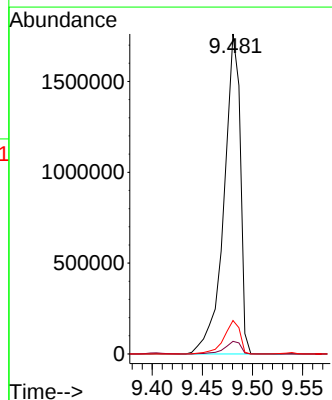
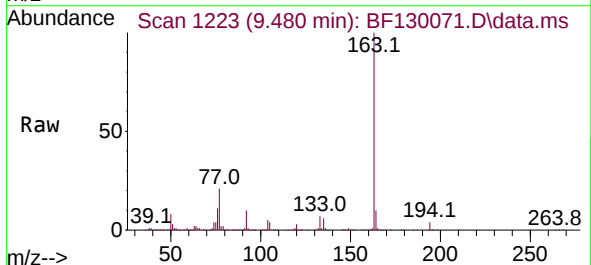


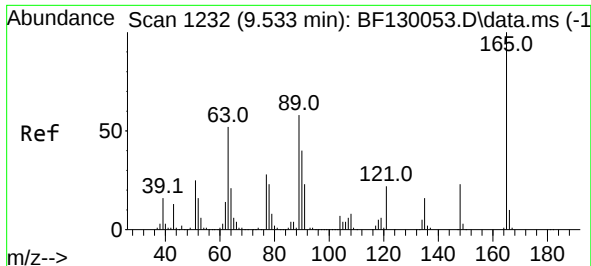
Tgt Ion:152 Resp: 2471757
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 42.010 ng
RT: 9.480 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:163 Resp: 1986395
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.5 8.2 12.2

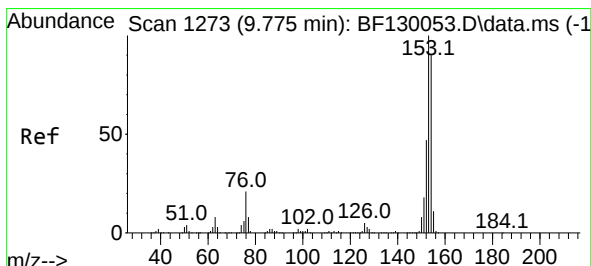
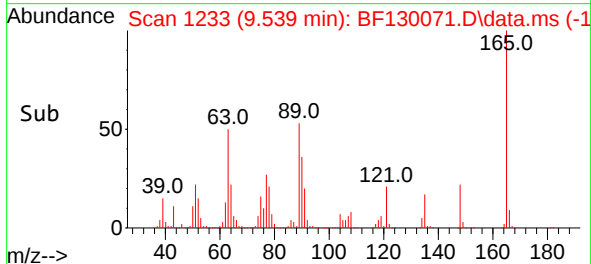
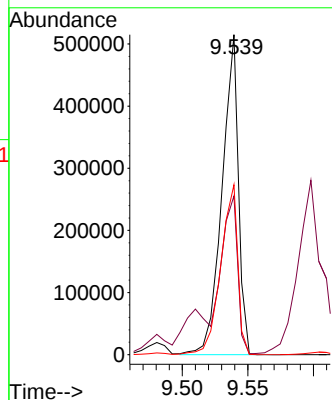
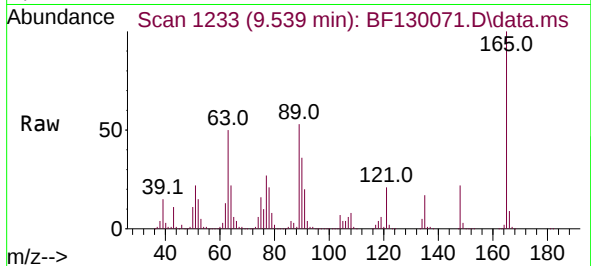




#51
2,6-Dinitrotoluene
Concen: 48.450 ng
RT: 9.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

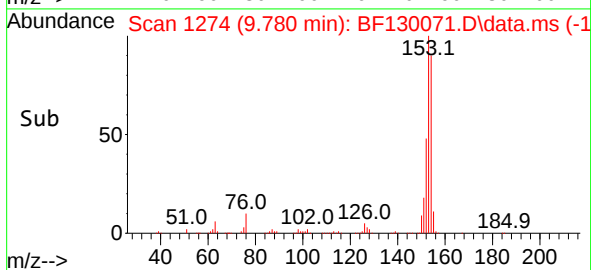
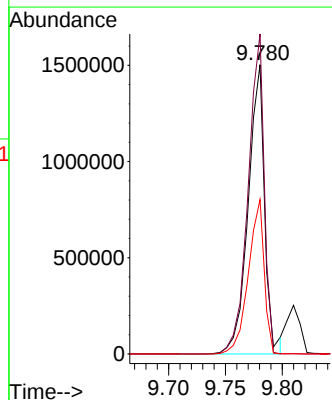
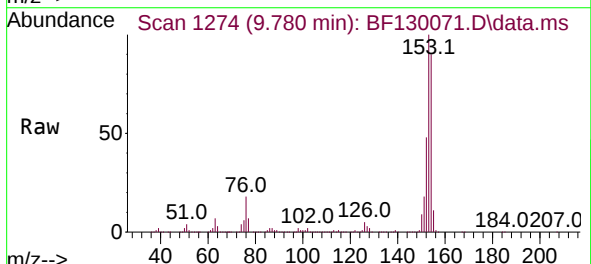
Instrument :
BNA_F
ClientSampleId :
PB147382BS

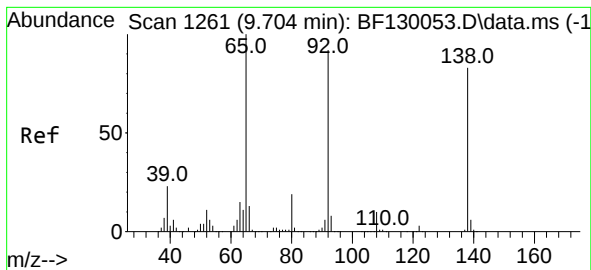
Tgt Ion:165 Resp: 446651
Ion Ratio Lower Upper
165 100
63 49.6 47.8 71.8
89 53.1 47.2 70.8



#52
Acenaphthene
Concen: 39.189 ng
RT: 9.780 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:154 Resp: 1515535
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.6
152 53.3 42.1 63.1

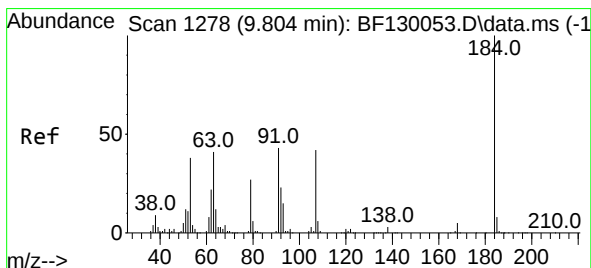
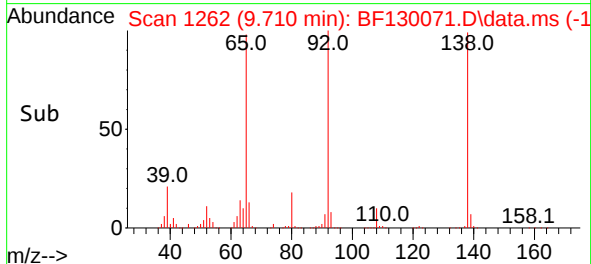
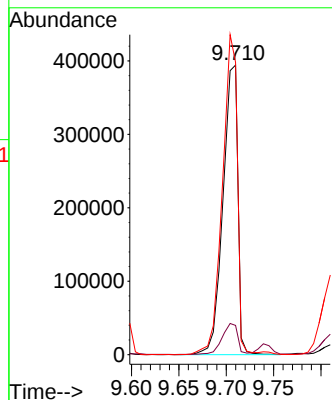
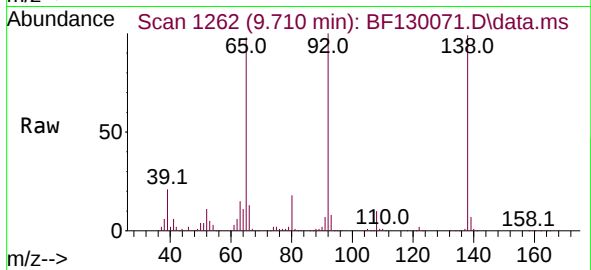




#53
3-Nitroaniline
Concen: 40.873 ng
RT: 9.710 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

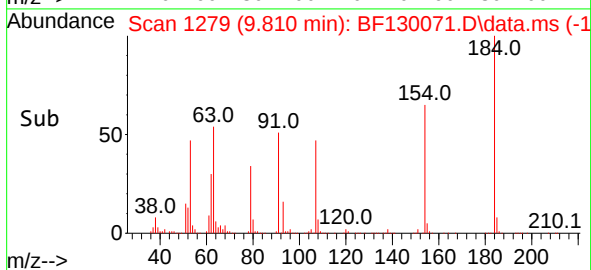
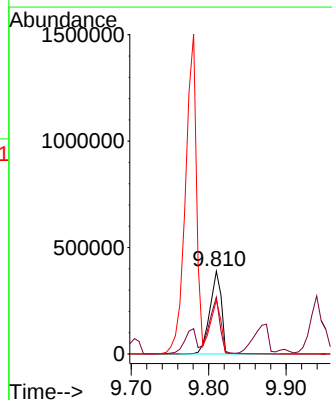
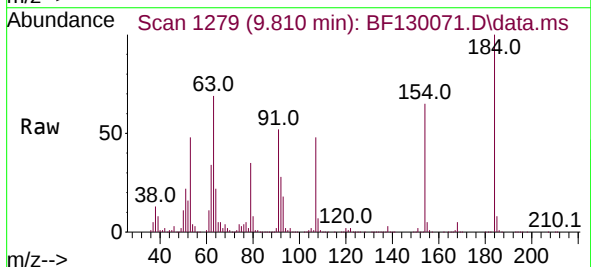
Instrument :
BNA_F
ClientSampleId :
PB147382BS

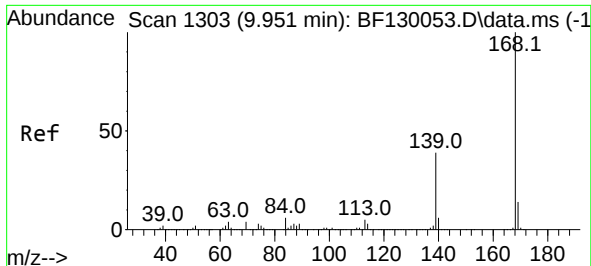
Tgt Ion:138 Resp: 432491
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 100.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 94.547 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:184 Resp: 402560
Ion Ratio Lower Upper
184 100
63 68.8 59.6 89.4
154 65.1 55.3 82.9





#55

Dibenzenofuran

Concen: 39.698 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

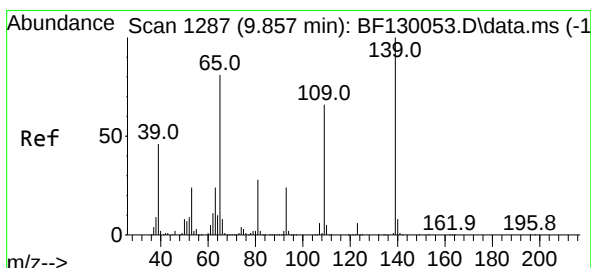
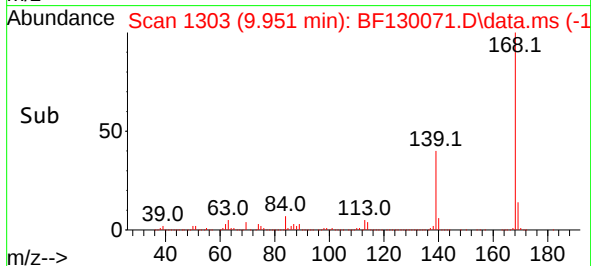
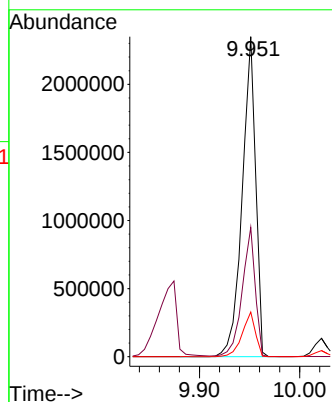
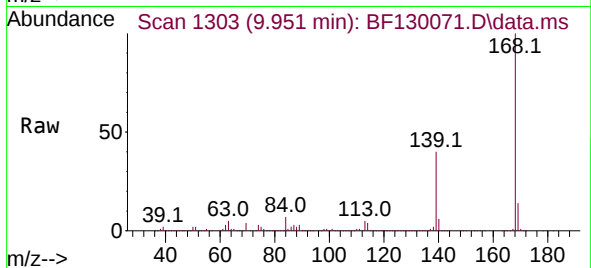
Tgt Ion:168 Resp: 2198362

Ion Ratio Lower Upper

168 100

139 40.4 31.3 46.9

169 14.0 10.7 16.1



#56

4-Nitrophenol

Concen: 87.847 ng

RT: 9.875 min Scan# 1290

Delta R.T. 0.018 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

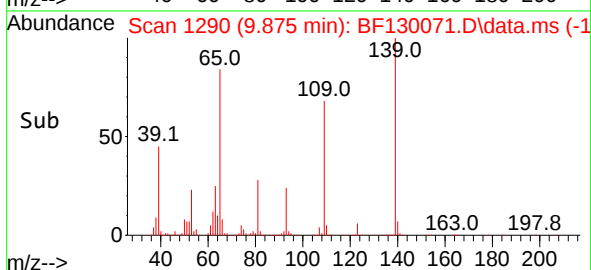
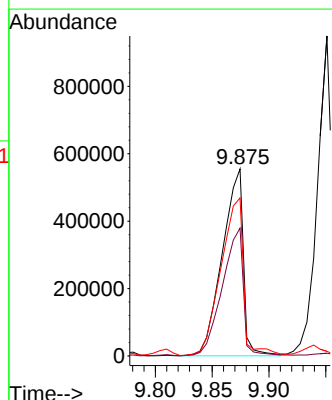
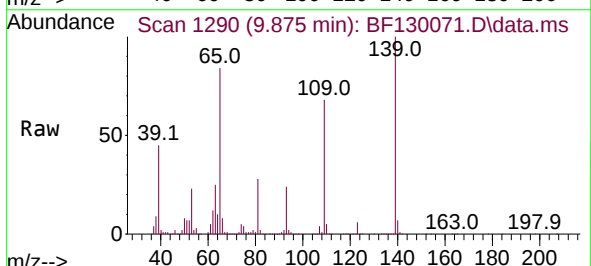
Tgt Ion:139 Resp: 716636

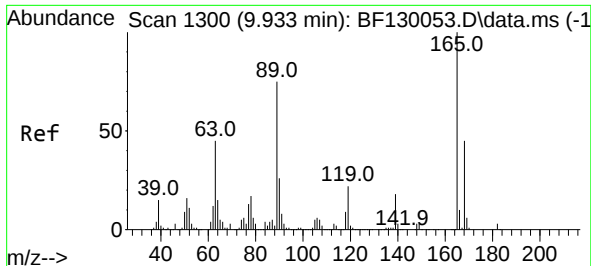
Ion Ratio Lower Upper

139 100

109 68.4 52.9 92.9

65 84.5 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 49.082 ng

RT: 9.939 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

Tgt Ion:165 Resp: 520950

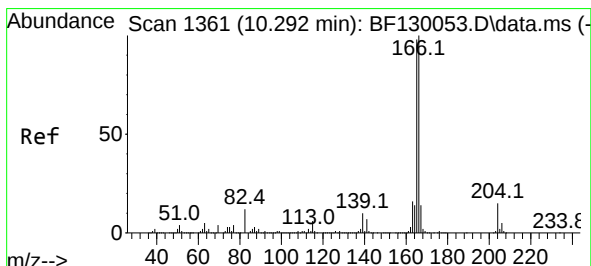
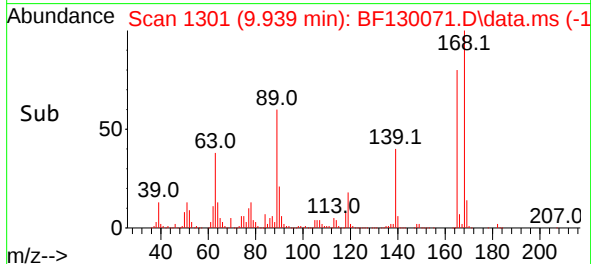
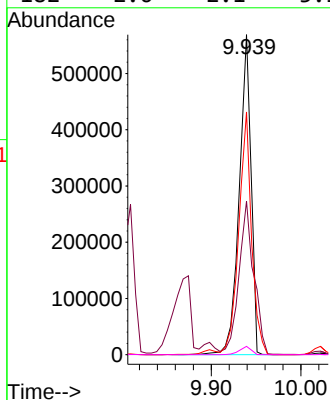
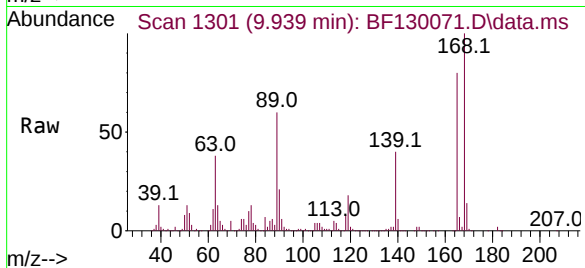
Ion Ratio Lower Upper

165 100

63 48.0 48.4 72.6#

89 75.8 62.3 93.5

182 2.6 2.1 3.1



#58

Fluorene

Concen: 38.070 ng

RT: 10.292 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

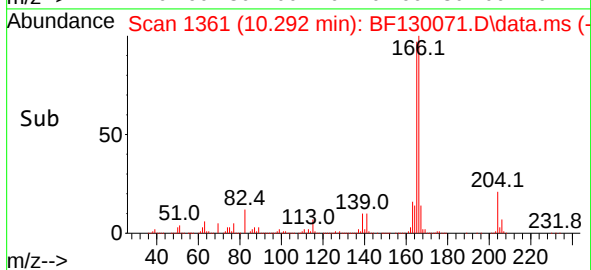
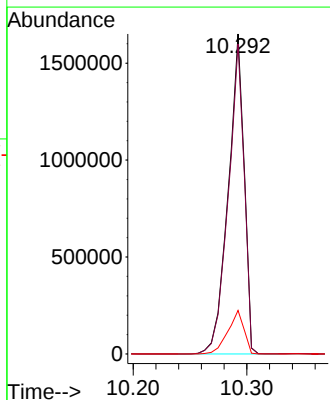
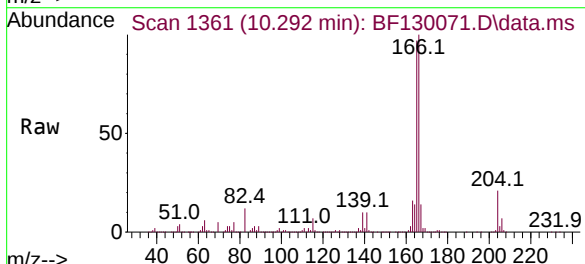
Tgt Ion:166 Resp: 1604081

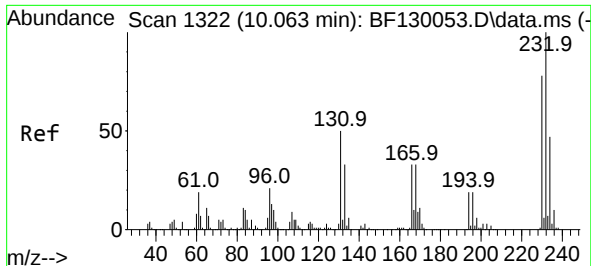
Ion Ratio Lower Upper

166 100

165 96.8 77.9 116.9

167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.547 ng

RT: 10.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

Tgt Ion:232 Resp: 462808

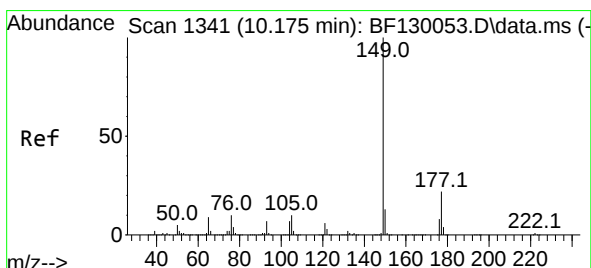
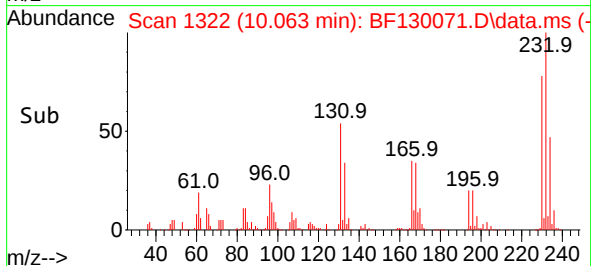
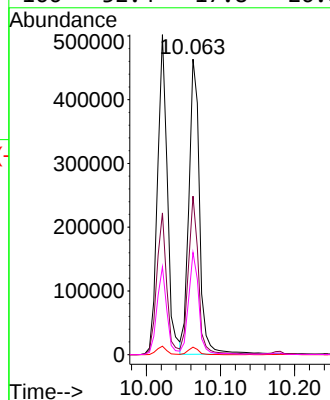
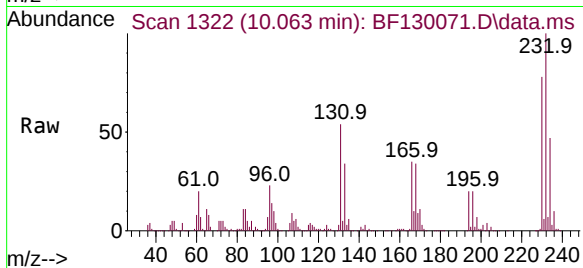
Ion Ratio Lower Upper

232 100

131 49.7 29.9 44.9#

130 2.5 1.5 2.3#

166 32.4 17.8 26.8#



#60

Diethylphthalate

Concen: 40.665 ng

RT: 10.180 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

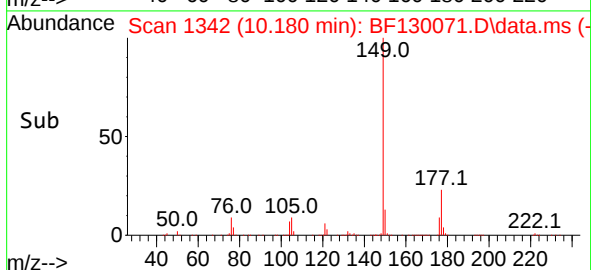
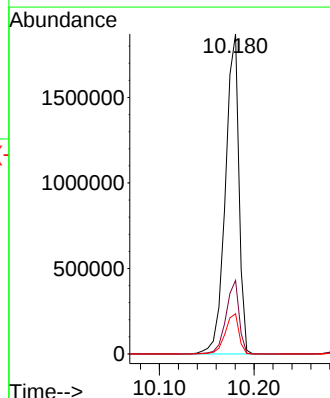
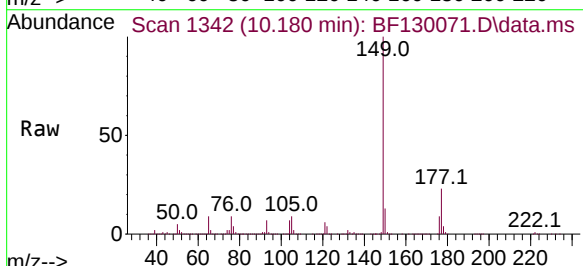
Tgt Ion:149 Resp: 1860135

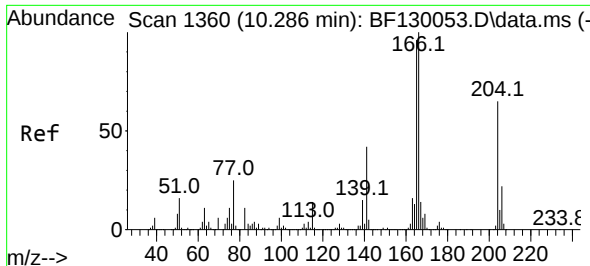
Ion Ratio Lower Upper

149 100

177 23.0 17.7 26.5

150 12.6 10.1 15.1

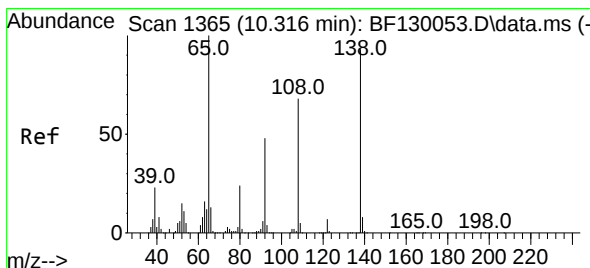
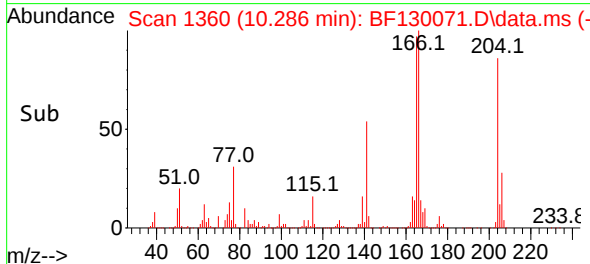
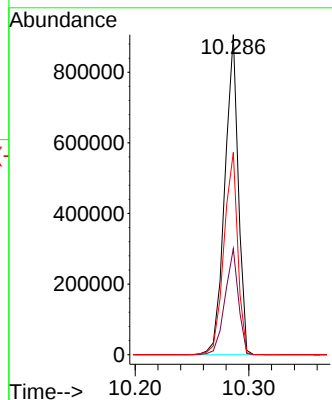
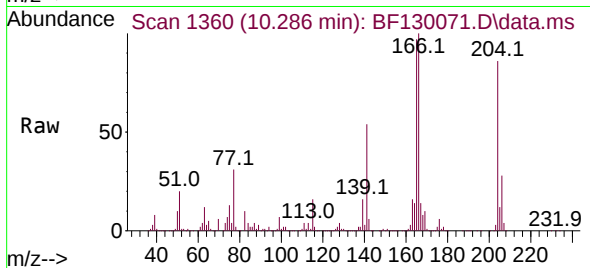




#61
4-Chlorophenyl-phenylether
Concen: 40.120 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

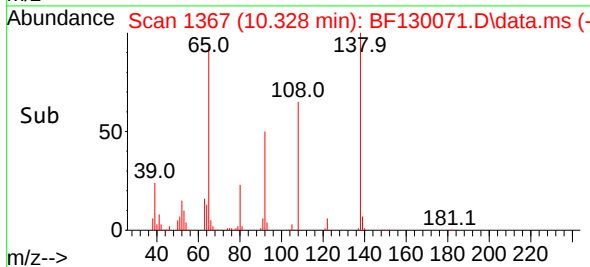
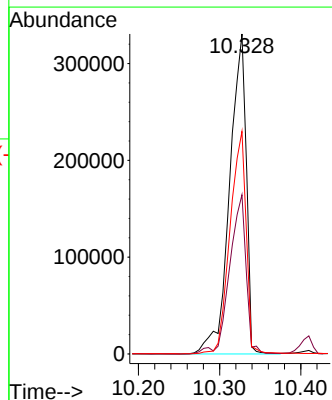
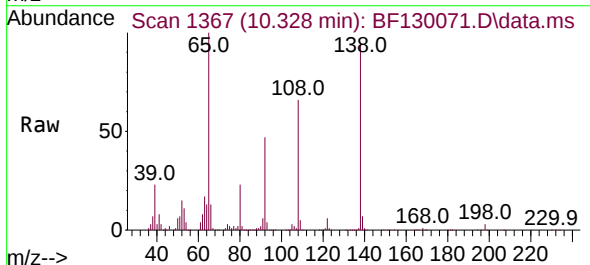
Instrument :
BNA_F
ClientSampleId :
PB147382BS

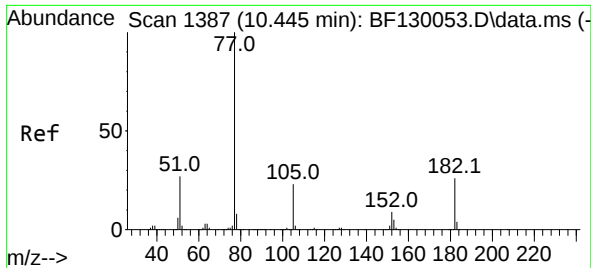
Tgt Ion:204 Resp: 747277
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 63.2 52.6 79.0



#62
4-Nitroaniline
Concen: 45.602 ng
RT: 10.328 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:138 Resp: 469283
Ion Ratio Lower Upper
138 100
92 49.8 30.3 70.3
108 69.6 55.7 95.7



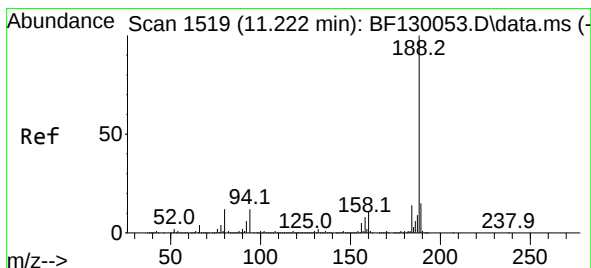
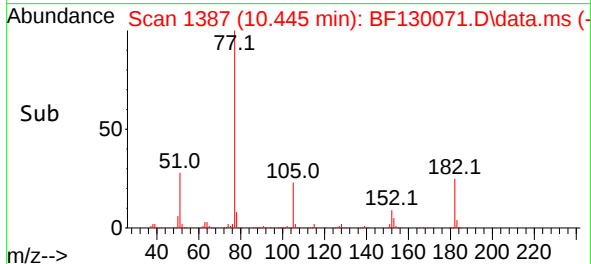
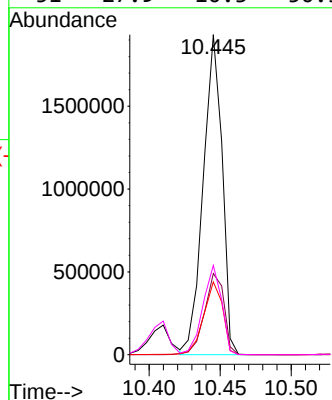
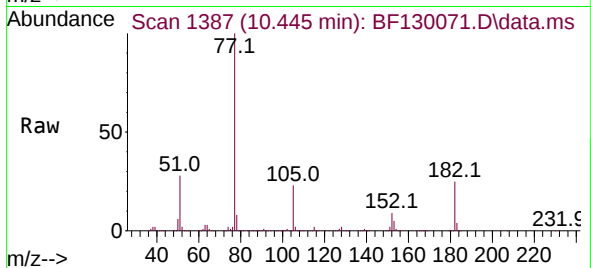


#63
Azobenzene
Concen: 39.678 ng
RT: 10.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB147382BS

Tgt Ion: 77 Resp: 1787015

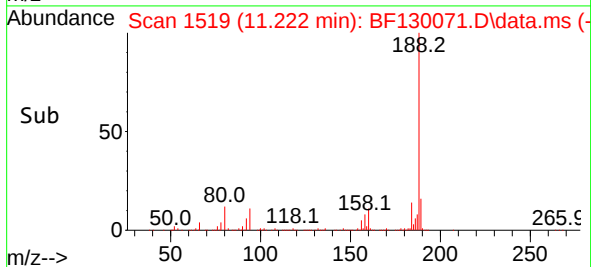
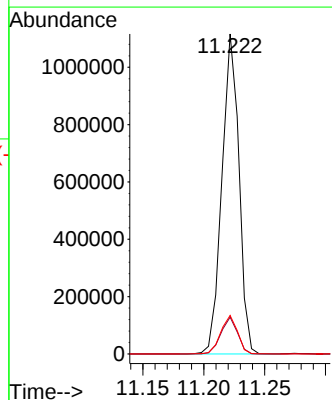
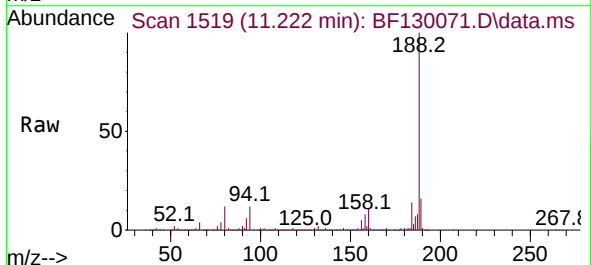
Ion	Ratio	Lower	Upper
77	100		
182	25.3	2.2	42.2
105	22.8	0.8	40.8
51	27.9	10.3	50.3

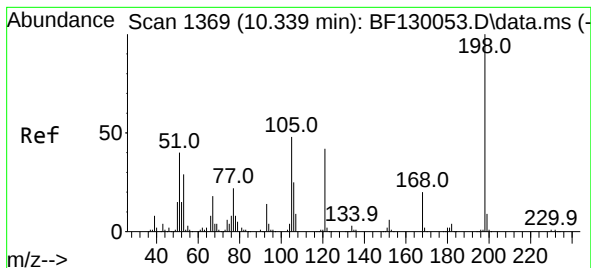


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion: 188 Resp: 1088250

Ion	Ratio	Lower	Upper
188	100		
94	11.5	7.4	11.2#
80	12.1	7.9	11.9#

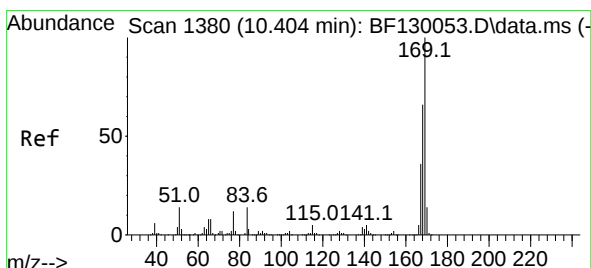
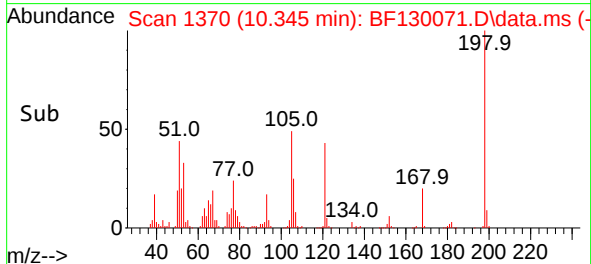
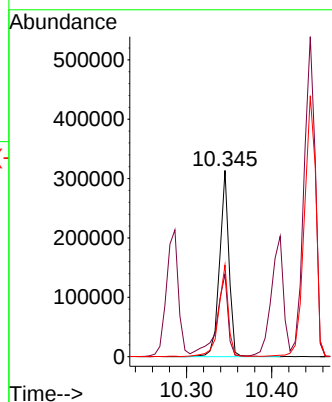
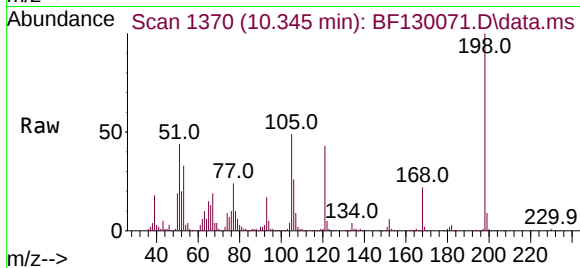




#65
4,6-Dinitro-2-methylphenol
Concen: 46.940 ng
RT: 10.345 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

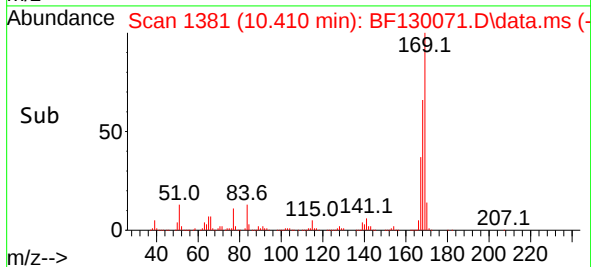
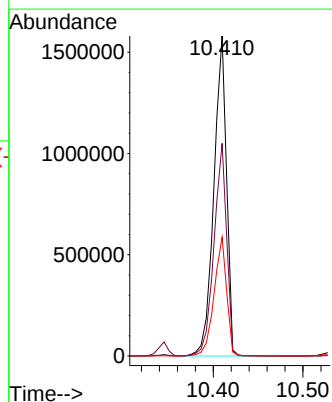
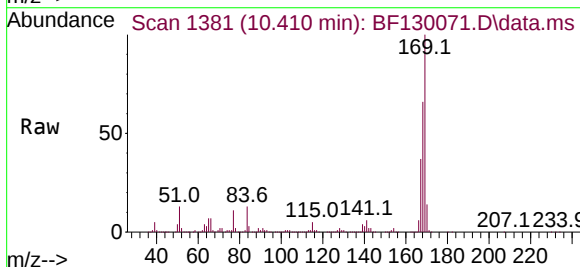
Instrument :
BNA_F
ClientSampleId :
PB147382BS

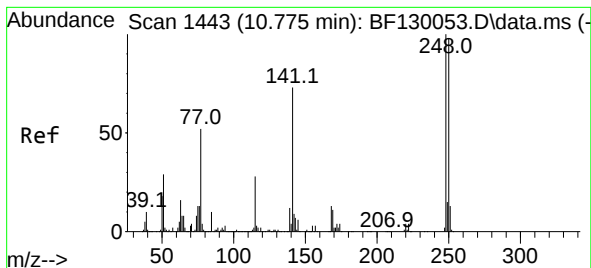
Tgt Ion:198 Resp: 239699
Ion Ratio Lower Upper
198 100
51 44.3 29.4 69.4
105 49.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.566 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:169 Resp: 1548530
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 37.2 29.1 43.7

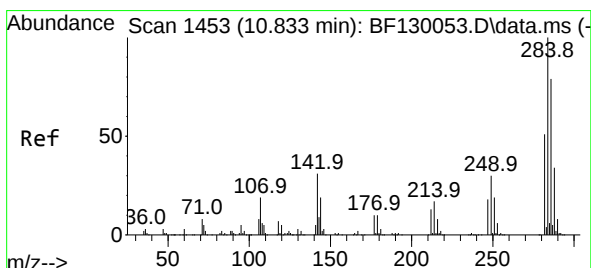
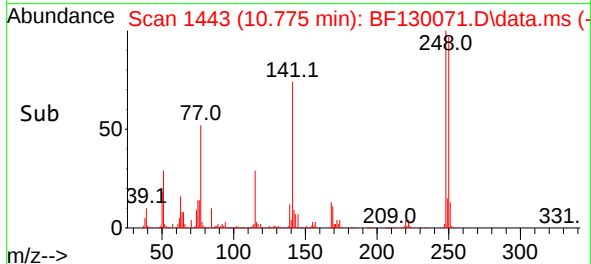
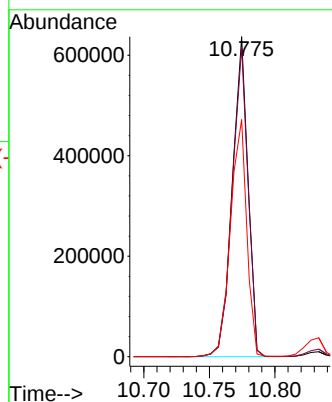
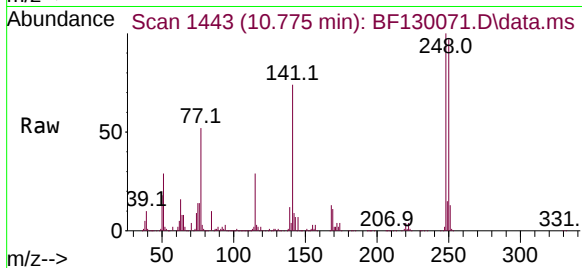




#67
4-Bromophenyl-phenylether
Concen: 44.023 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

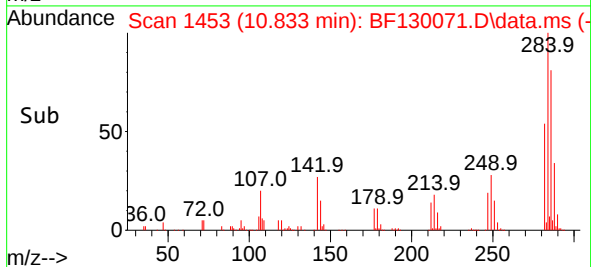
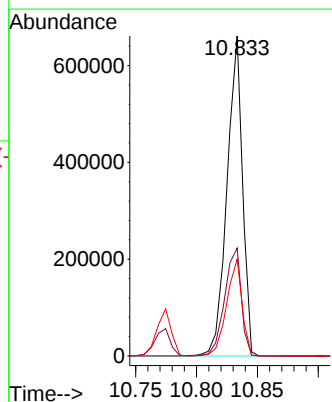
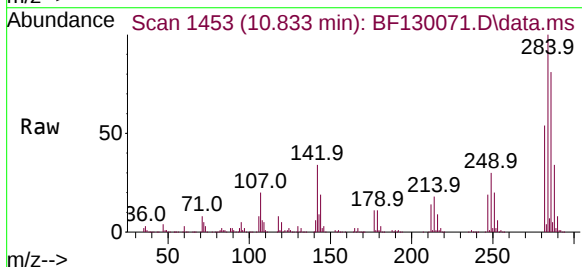
Instrument :
BNA_F
ClientSampleId :
PB147382BS

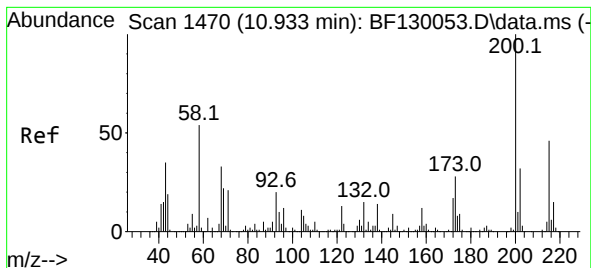
Tgt Ion:248 Resp: 532882
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 74.1 66.2 99.2



#68
Hexachlorobenzene
Concen: 44.357 ng
RT: 10.833 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:284 Resp: 585052
Ion Ratio Lower Upper
284 100
142 33.7 31.4 47.0
249 30.3 25.7 38.5





#69

Atrazine

Concen: 46.157 ng

RT: 10.939 min Scan# 1470

Delta R.T. 0.006 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

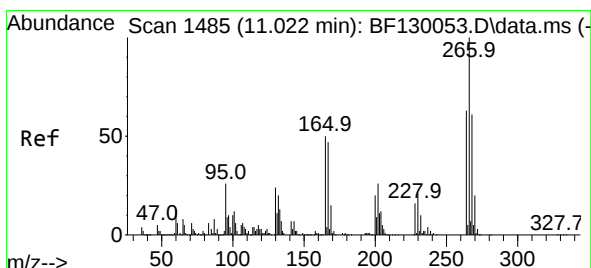
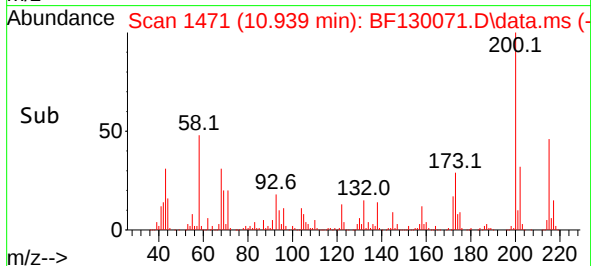
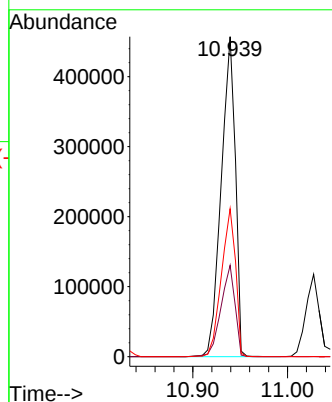
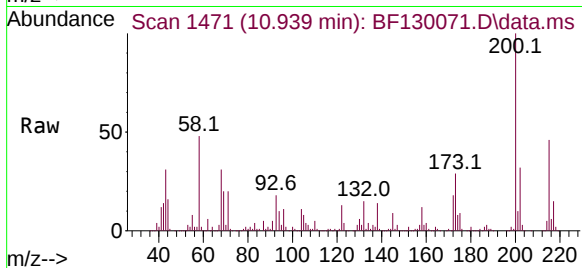
Tgt Ion:200 Resp: 475046

Ion Ratio Lower Upper

200 100

173 28.6 6.4 46.4

215 46.3 27.1 67.1



#70

Pentachlorophenol

Concen: 91.353 ng

RT: 11.027 min Scan# 1486

Delta R.T. 0.006 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

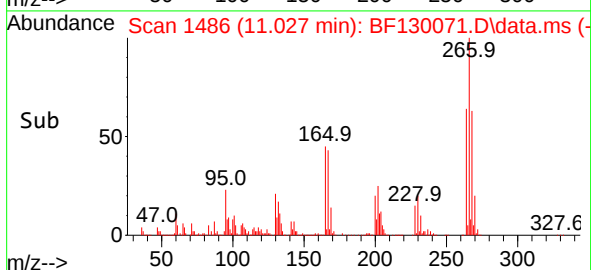
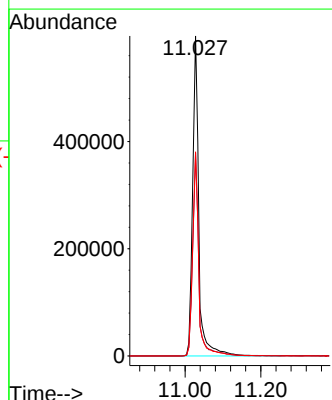
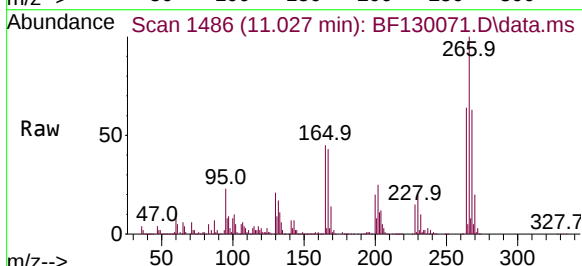
Tgt Ion:266 Resp: 673767

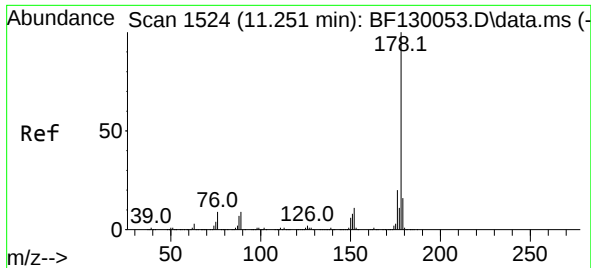
Ion Ratio Lower Upper

266 100

268 63.4 49.0 73.4

264 63.8 47.9 71.9

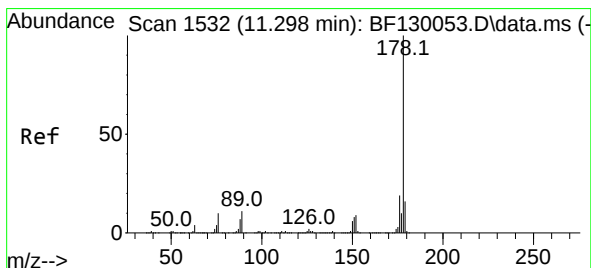
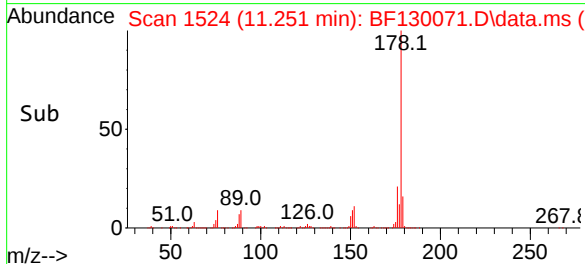
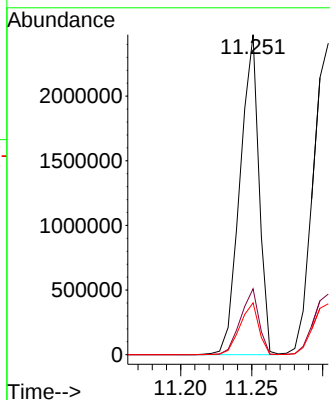
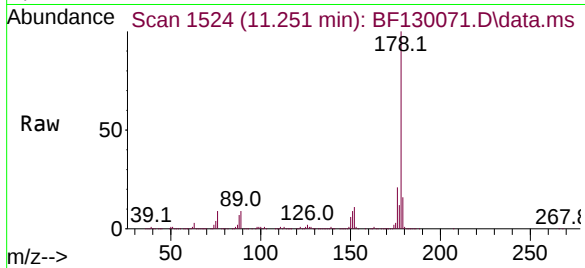




#71
Phenanthrene
Concen: 39.073 ng
RT: 11.251 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

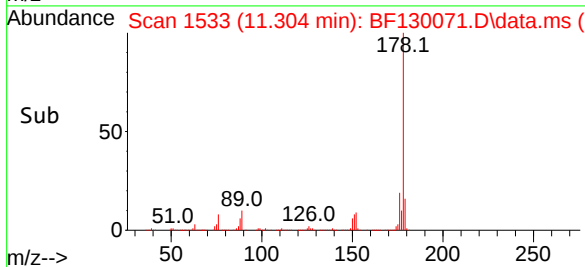
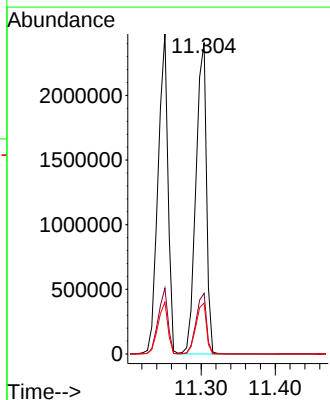
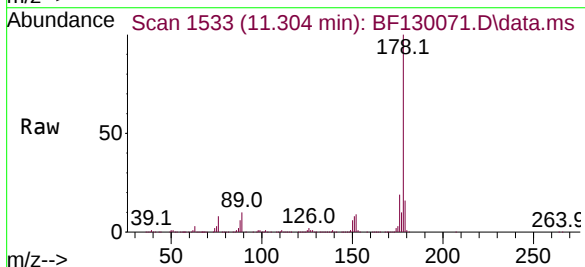
Instrument :
BNA_F
ClientSampleId :
PB147382BS

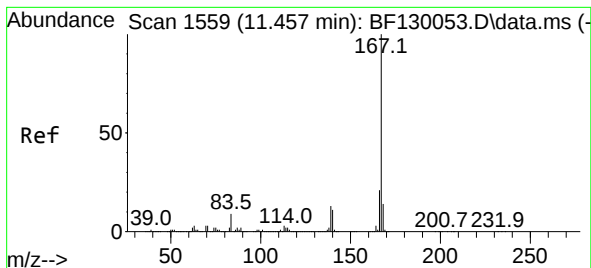
Tgt Ion:178 Resp: 2305973
Ion Ratio Lower Upper
178 100
176 20.6 15.5 23.3
179 16.2 12.5 18.7



#72
Anthracene
Concen: 40.742 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:178 Resp: 2363718
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 16.3 12.6 18.8





#73

Carbazole

Concen: 40.824 ng

RT: 11.457 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

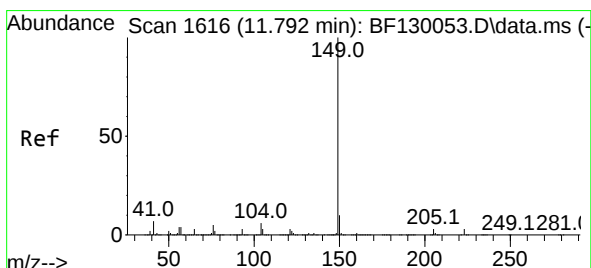
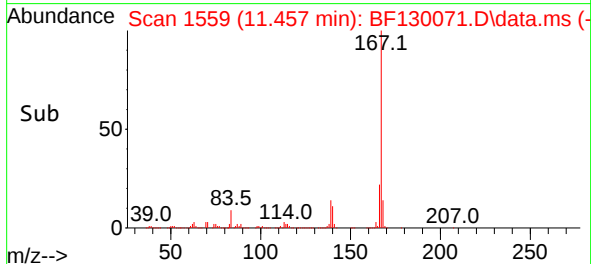
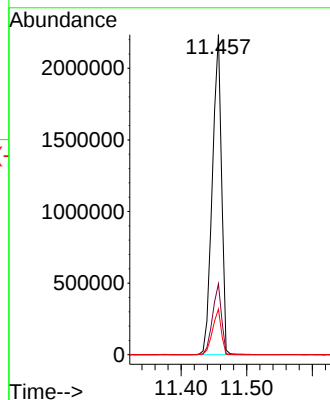
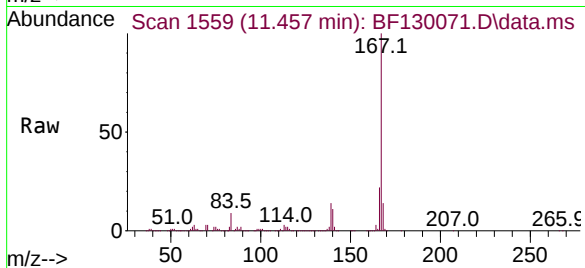
Tgt Ion:167 Resp: 2184105

Ion Ratio Lower Upper

167 100

166 22.1 17.1 25.7

139 14.2 11.0 16.6



#74

Di-n-butylphthalate

Concen: 41.340 ng

RT: 11.792 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

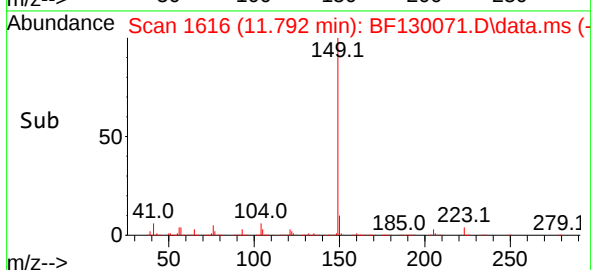
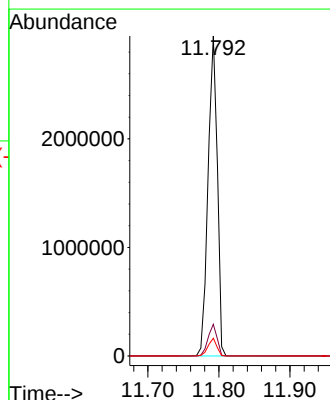
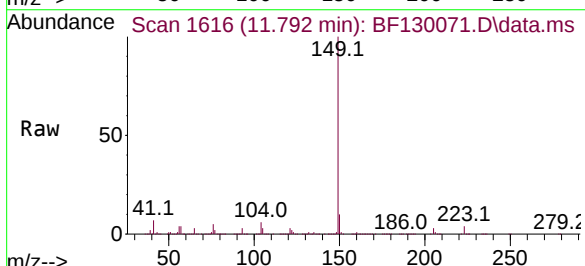
Tgt Ion:149 Resp: 2666938

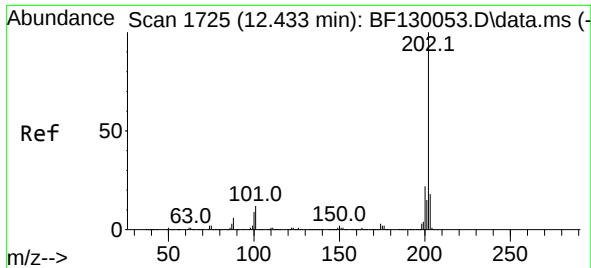
Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

104 5.5 4.2 6.4

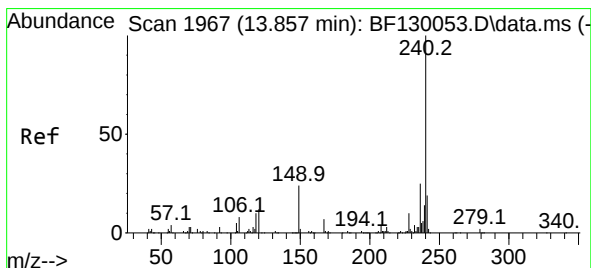
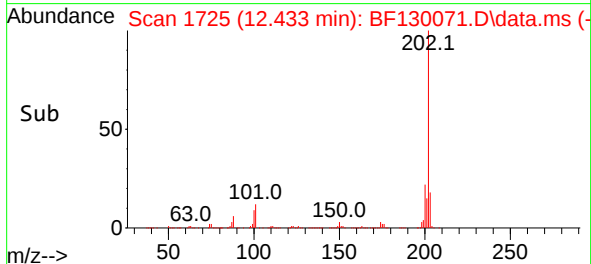
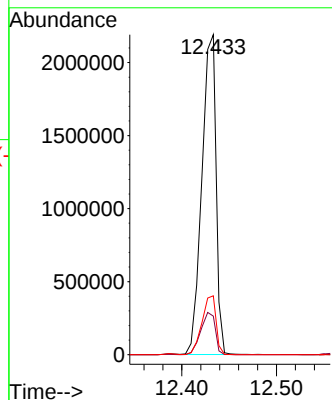
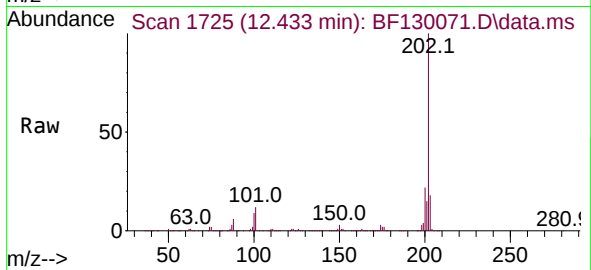




#75
Fluoranthene
Concen: 38.983 ng
RT: 12.433 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

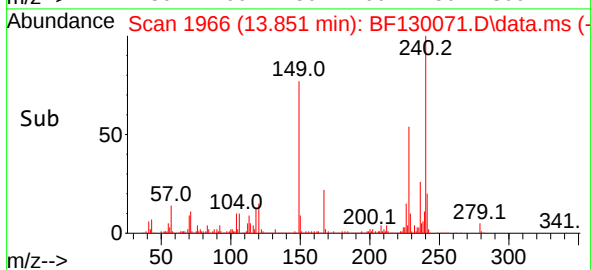
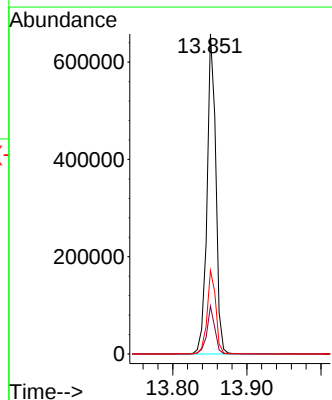
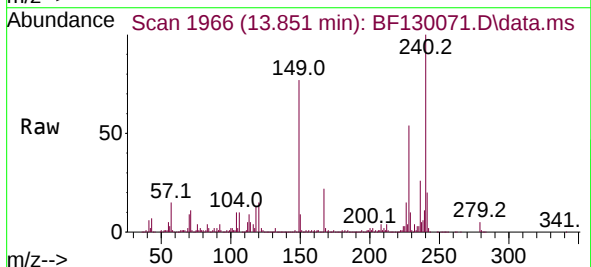
Instrument :
BNA_F
ClientSampleId :
PB147382BS

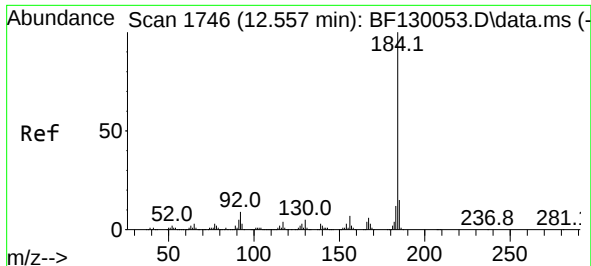
Tgt Ion:202 Resp: 2281397
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.7
203 18.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:240 Resp: 543405
Ion Ratio Lower Upper
240 100
120 15.0 9.2 13.8#
236 26.1 20.7 31.1

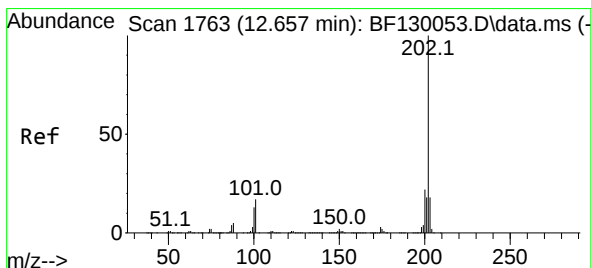
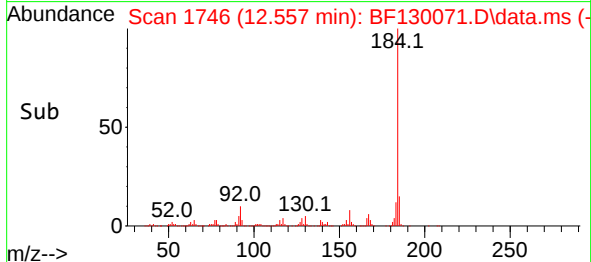
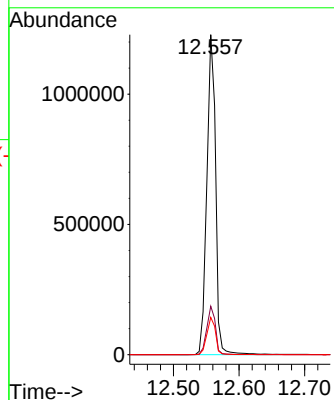
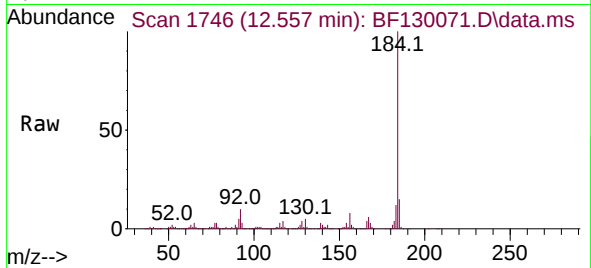




#77
Benzidine
Concen: 78.232 ng
RT: 12.557 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

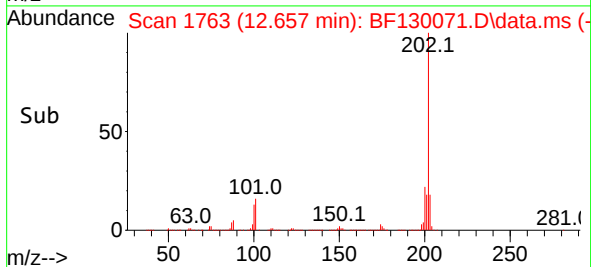
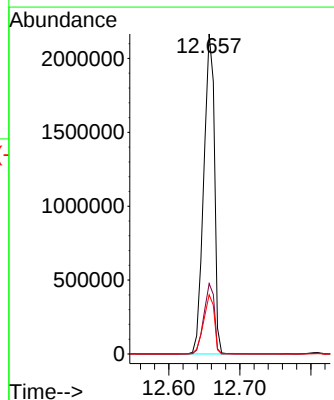
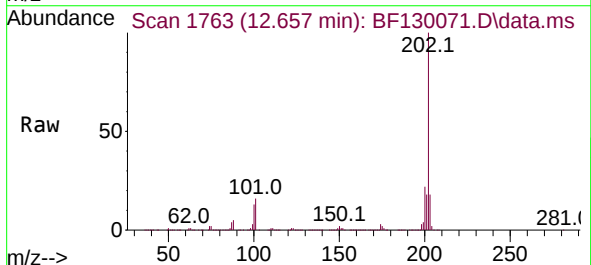
Instrument :
BNA_F
ClientSampleId :
PB147382BS

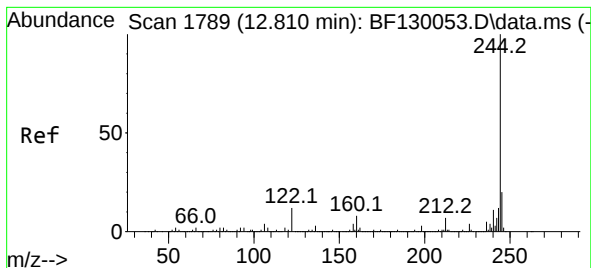
Tgt Ion:184 Resp: 1147769
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 11.7 9.4 14.2



#78
Pyrene
Concen: 46.513 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:202 Resp: 2267087
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.6
203 18.5 14.1 21.1





#79

Terphenyl-d14

Concen: 95.836 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

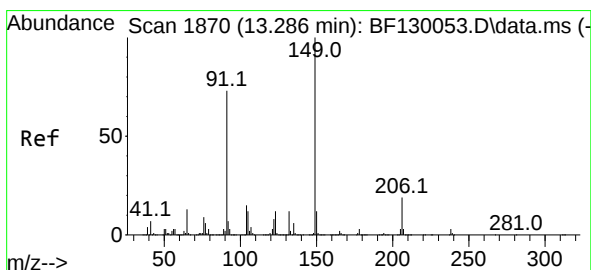
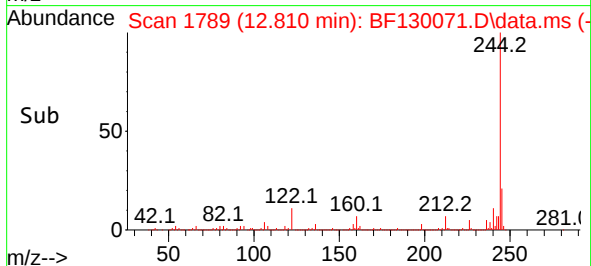
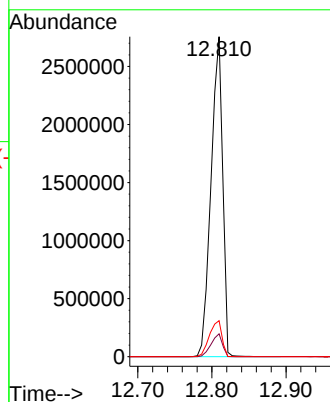
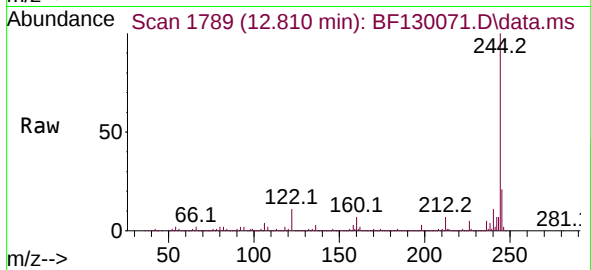
Tgt Ion:244 Resp: 3003121

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.2 9.9 14.9



#80

Butylbenzylphthalate

Concen: 48.942 ng

RT: 13.286 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

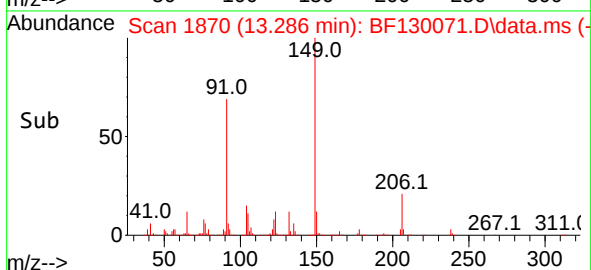
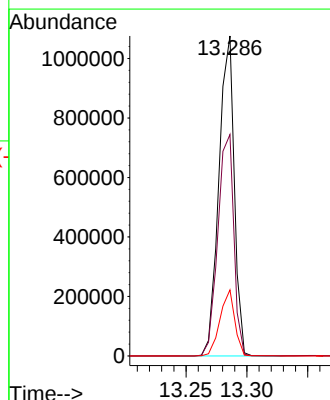
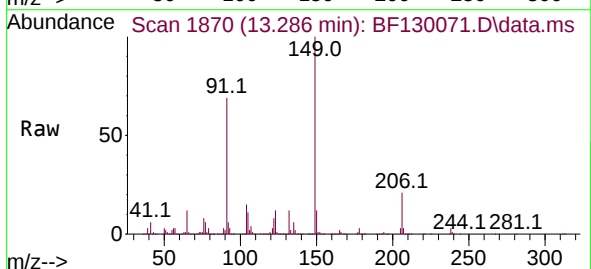
Tgt Ion:149 Resp: 948829

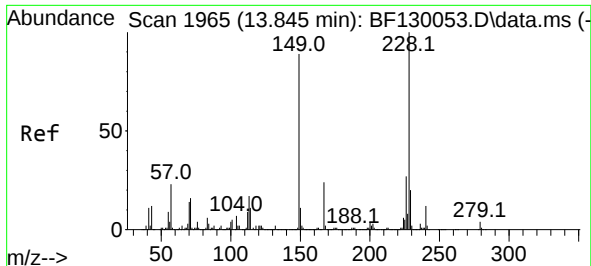
Ion Ratio Lower Upper

149 100

91 69.2 55.4 83.0

206 20.7 15.8 23.6

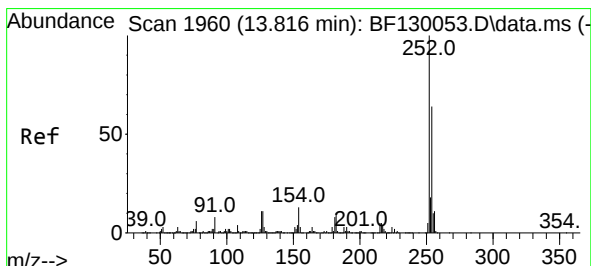
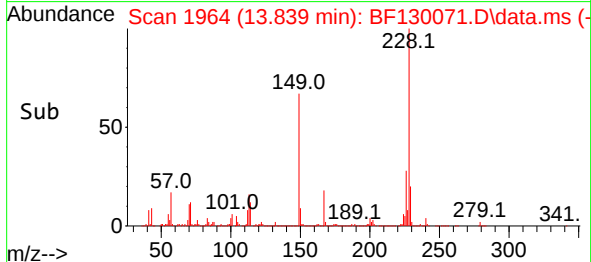
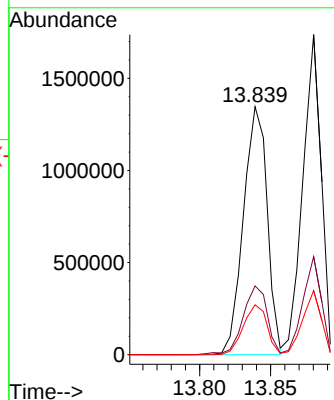
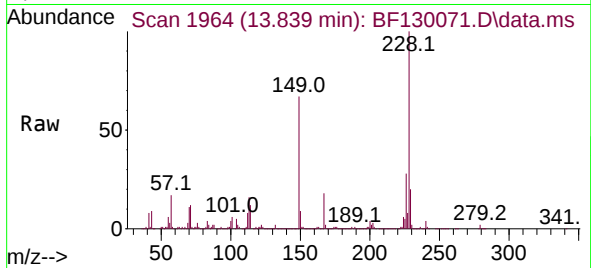




#81
Benzo(a)anthracene
Concen: 42.063 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

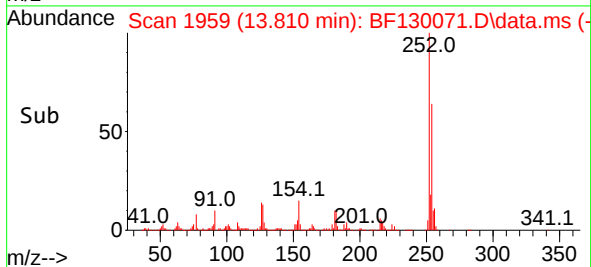
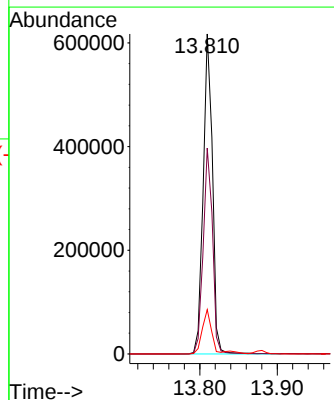
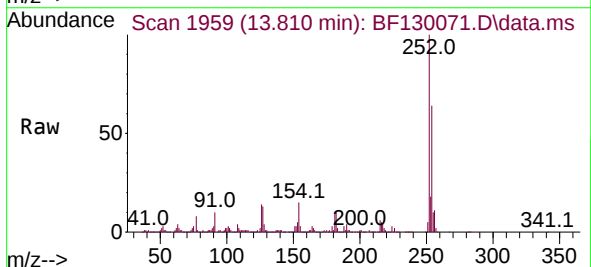
Instrument :
BNA_F
ClientSampleId :
PB147382BS

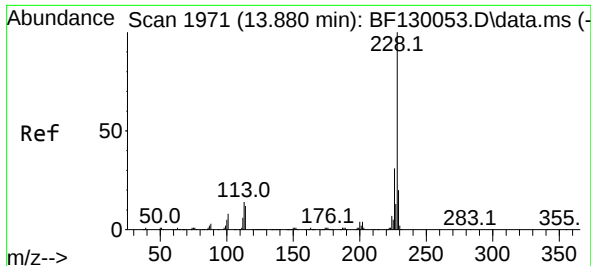
Tgt Ion:228 Resp: 1566440
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 44.091 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:252 Resp: 512041
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 13.8 10.2 15.4

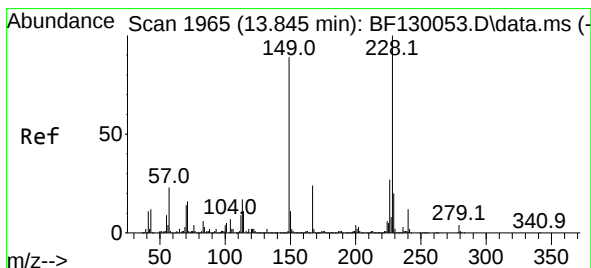
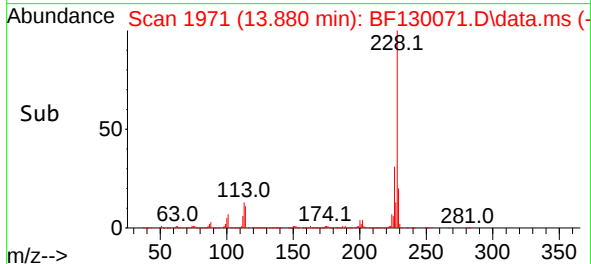
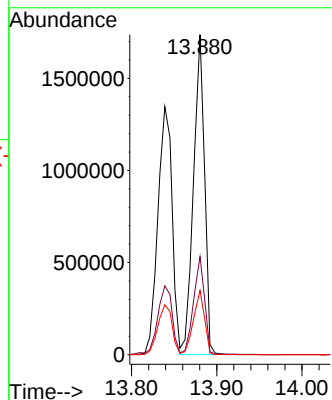
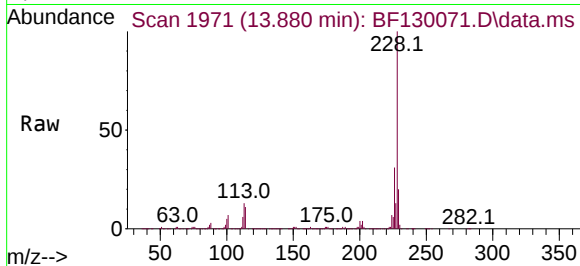




#83
Chrysene
Concen: 42.638 ng
RT: 13.880 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

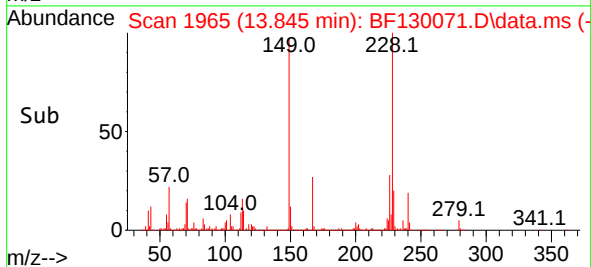
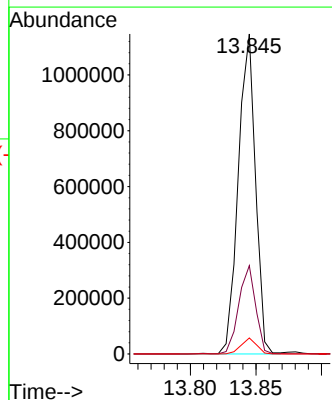
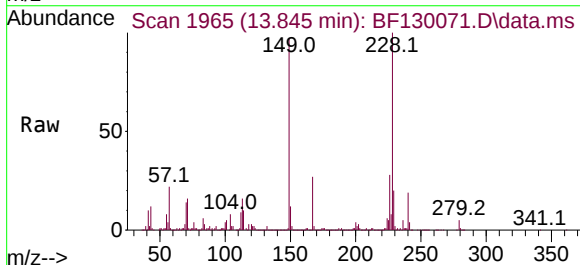
Instrument :
BNA_F
ClientSampleId :
PB147382BS

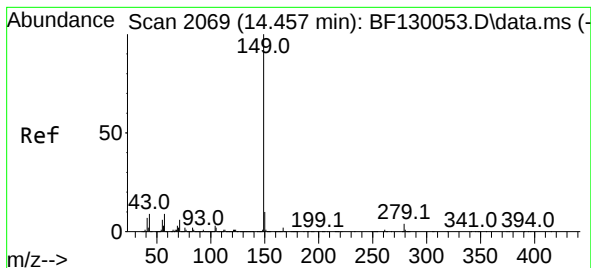
Tgt Ion:228 Resp: 1565478
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 20.0 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.543 ng
RT: 13.845 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BF130071.D
Acq: 01 Sep 2022 10:52

Tgt Ion:149 Resp: 1049276
Ion Ratio Lower Upper
149 100
167 27.6 22.0 33.0
279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.445 ng

RT: 14.457 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

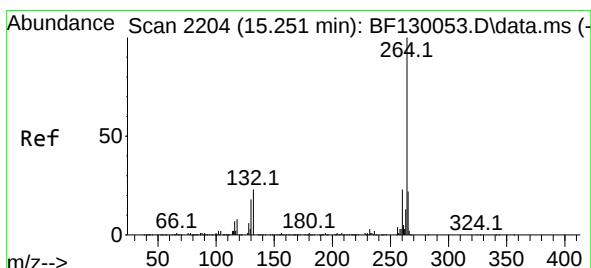
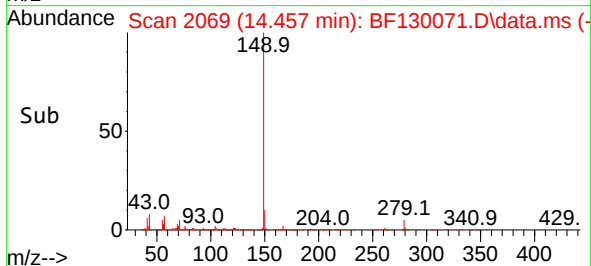
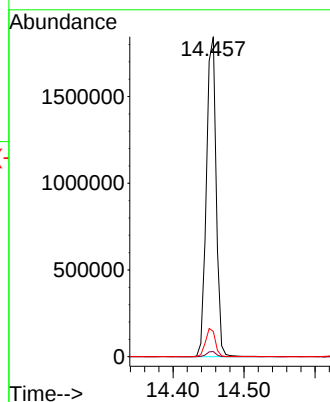
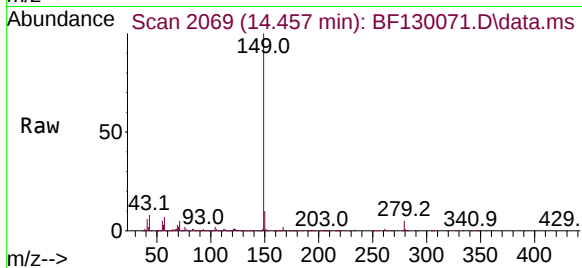
Tgt Ion:149 Resp: 1767936

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.251 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

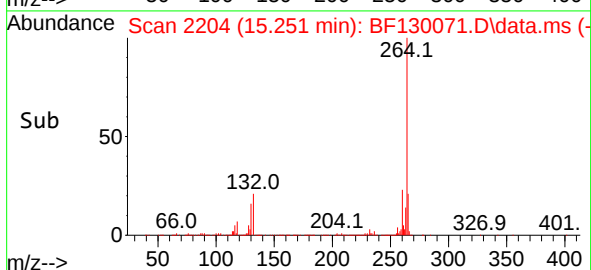
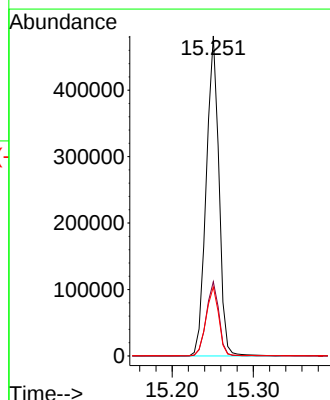
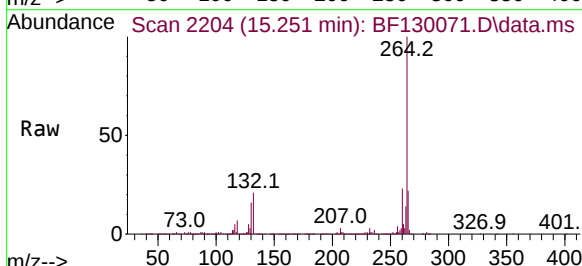
Tgt Ion:264 Resp: 521467

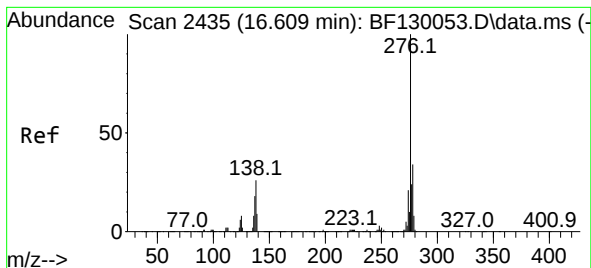
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.946 ng

RT: 16.604 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

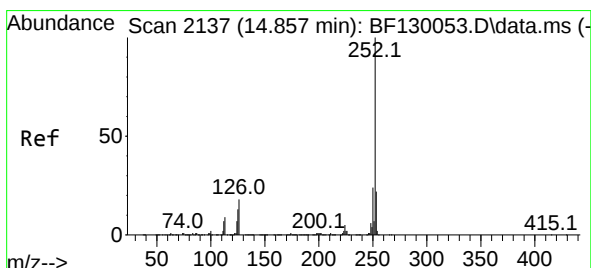
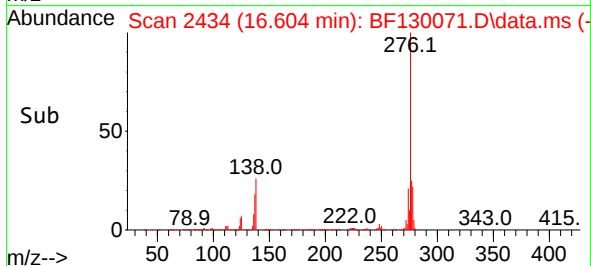
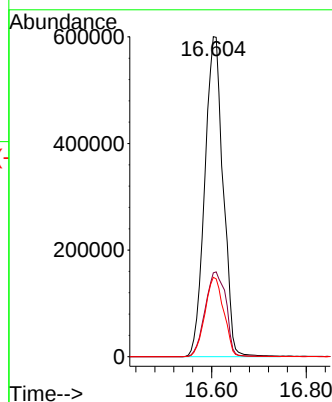
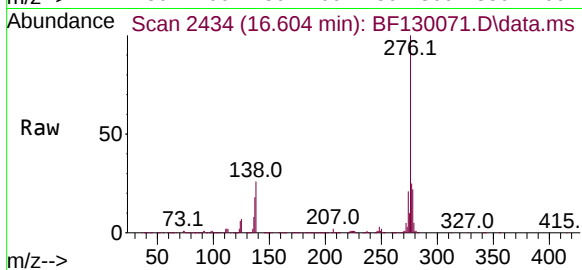
Tgt Ion:276 Resp: 1614864

Ion Ratio Lower Upper

276 100

138 30.0 19.8 29.8#

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 43.875 ng

RT: 14.857 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

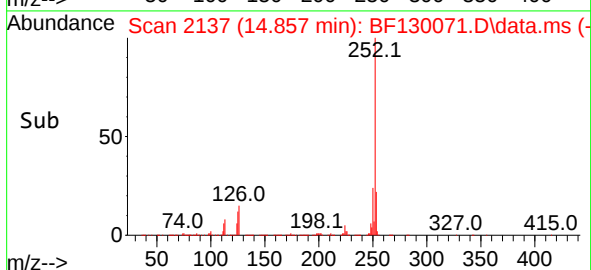
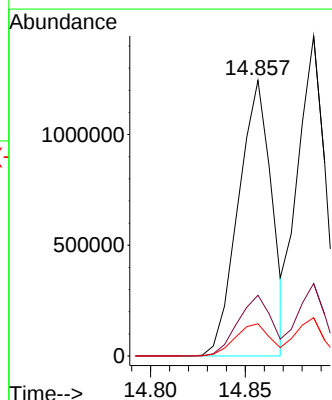
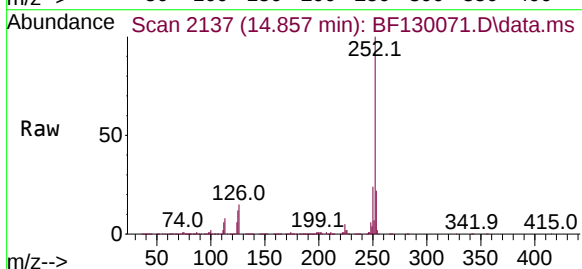
Tgt Ion:252 Resp: 1525748

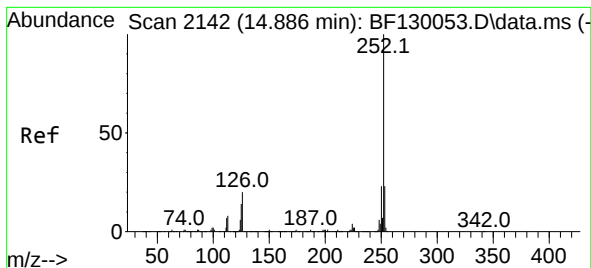
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 11.7 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 43.014 ng

RT: 14.886 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

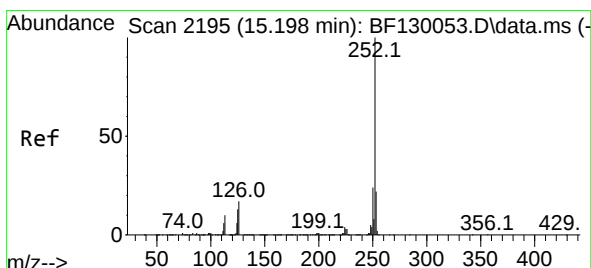
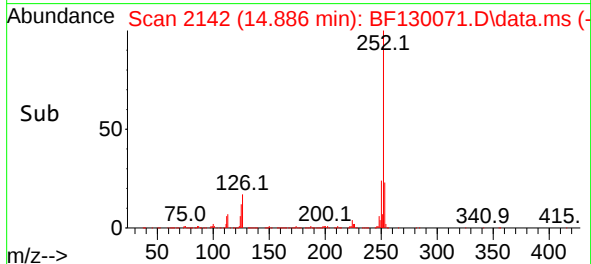
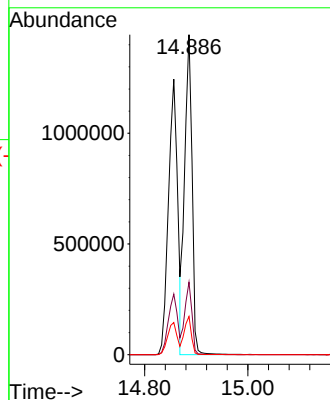
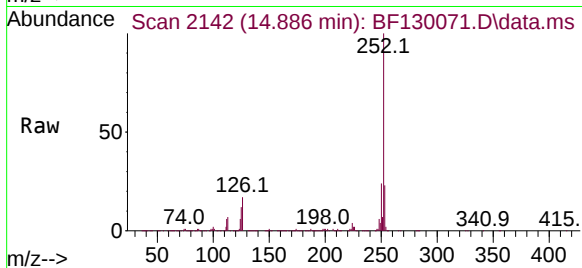
Tgt Ion:252 Resp: 1446673

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 12.0 8.3 12.5



#90

Benzo(a)pyrene

Concen: 47.543 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

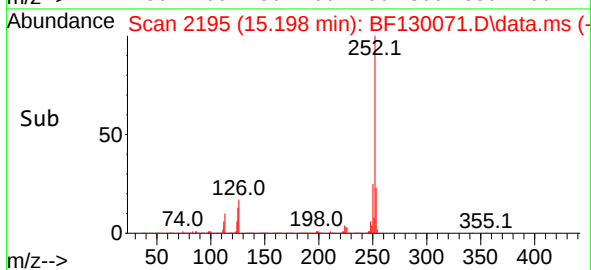
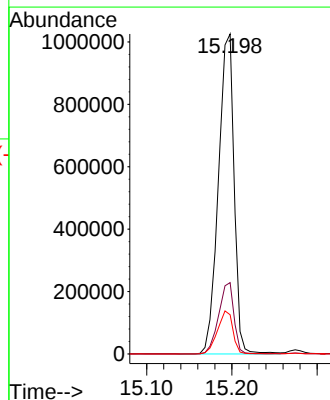
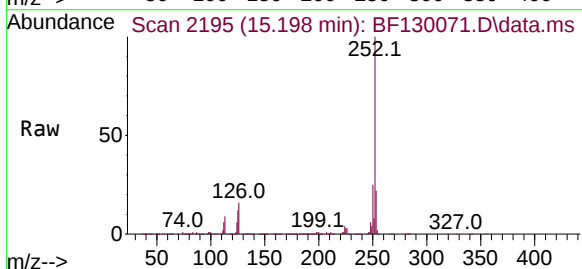
Tgt Ion:252 Resp: 1313731

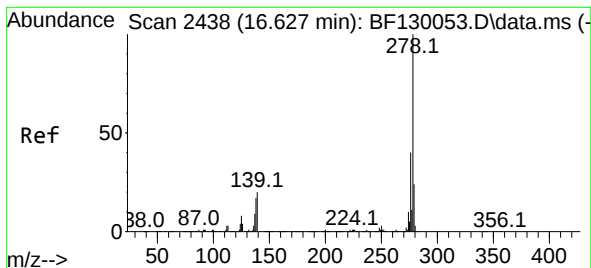
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 12.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 49.588 ng

RT: 16.627 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB147382BS

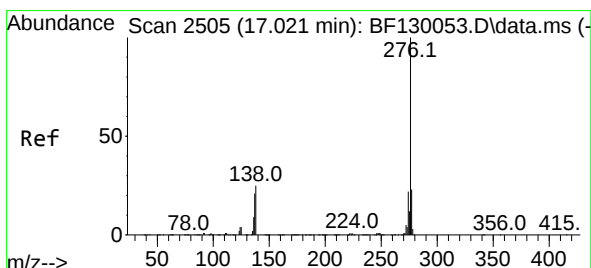
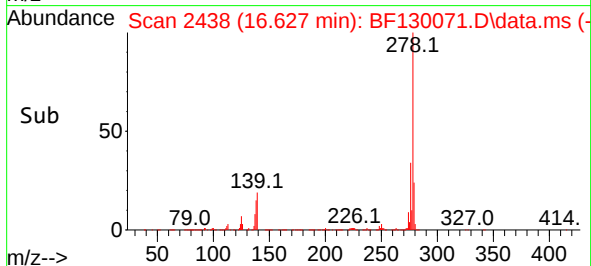
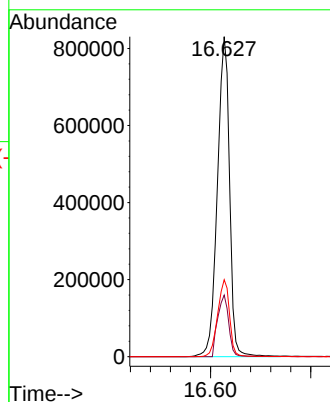
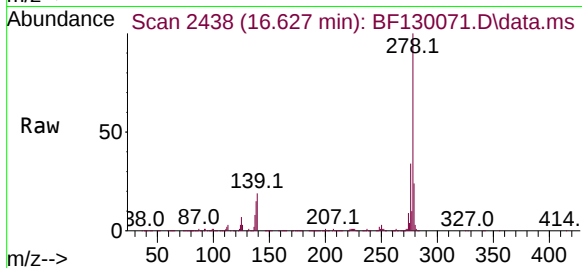
Tgt Ion:278 Resp: 1395733

Ion Ratio Lower Upper

278 100

139 19.2 12.2 18.4#

279 24.1 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 49.973 ng

RT: 17.015 min Scan# 2504

Delta R.T. -0.006 min

Lab File: BF130071.D

Acq: 01 Sep 2022 10:52

Tgt Ion:276 Resp: 1407314

Ion Ratio Lower Upper

276 100

277 23.9 18.2 27.4

138 27.0 15.8 23.8#

