

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130706.D
 Acq On : 18 Oct 2022 19:24
 Operator : CG\JU
 Sample : N5172-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722MSD

Quant Time: Oct 19 02:41:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	58754	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	199277	20.000	ng	0.00
39) Acenaphthene-d10	9.610	164	98229	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	174895	20.000	ng	0.01
76) Chrysene-d12	13.745	240	135681	20.000	ng	0.02
86) Perylene-d12	15.115	264	102838	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	404792	124.188	ng	0.02
7) Phenol-d6	6.239	99	452499	110.417	ng	0.01
23) Nitrobenzene-d5	7.151	82	276810	75.830	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	125353	130.418	ng	0.00
45) 2-Fluorobiphenyl	8.939	172	472912	72.926	ng	0.00
79) Terphenyl-d14	12.686	244	604377	73.931	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.175	88	72608	36.820	ng	98
3) Pyridine	2.834	79	163406	46.325	ng	97
4) n-Nitrosodimethylamine	2.799	42	85626	51.520	ng	92
6) Aniline	6.245	93	168927	34.430	ng	# 62
8) 2-Chlorophenol	6.369	128	179249	46.763	ng	95
9) Benzaldehyde	6.128	77	82781	32.151	ng	98
10) Phenol	6.251	94	210710	44.437	ng	82
11) bis(2-Chloroethyl)ether	6.322	93	163675	47.520	ng	97
12) 1,3-Dichlorobenzene	6.516	146	197343	47.020	ng	98
13) 1,4-Dichlorobenzene	6.592	146	202751	47.619	ng	98
14) 1,2-Dichlorobenzene	6.745	146	184400	46.503	ng	97
15) Benzyl Alcohol	6.739	79	137514	46.738	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.863	45	191634	43.245	ng	# 47
17) 2-Methylphenol	6.857	107	133947	43.929	ng	94
18) Hexachloroethane	7.081	117	67375	41.828	ng	96
19) n-Nitroso-di-n-propyla...	7.004	70	114753	43.401	ng	96
20) 3+4-Methylphenols	7.016	107	173274	42.409	ng	# 79
22) Acetophenone	6.998	105	241741	50.569	ng	94
24) Nitrobenzene	7.169	77	166017	45.223	ng	99
25) Isophorone	7.410	82	294642	48.497	ng	100
26) 2-Nitrophenol	7.486	139	83296	46.268	ng	96
27) 2,4-Dimethylphenol	7.539	122	142430	56.764	ng	96
28) bis(2-Chloroethoxy)met...	7.628	93	179086	50.907	ng	99
29) 2,4-Dichlorophenol	7.739	162	122550	43.654	ng	97
30) 1,2,4-Trichlorobenzene	7.804	180	137744	45.513	ng	99
31) Naphthalene	7.886	128	1845429	178.899	ng	99
32) Benzoic acid	7.681	122	73146	46.080	ng	90
33) 4-Chloroaniline	7.945	127	111649	27.941	ng	99
34) Hexachlorobutadiene	7.998	225	90413	48.132	ng	98
35) Caprolactam	8.322	113	38795	45.931	ng	95
36) 4-Chloro-3-methylphenol	8.445	107	124836	40.995	ng	97
37) 2-Methylnaphthalene	8.575	142	903513	139.183	ng	99
38) 1-Methylnaphthalene	8.675	142	724806	115.015	ng	99
40) 1,2,4,5-Tetrachloroben...	8.739	216	126940	47.631	ng	99
41) Hexachlorocyclopentadiene	8.722	237	3278	12.778	ng	99
43) 2,4,6-Trichlorophenol	8.863	196	82075	45.866	ng	99

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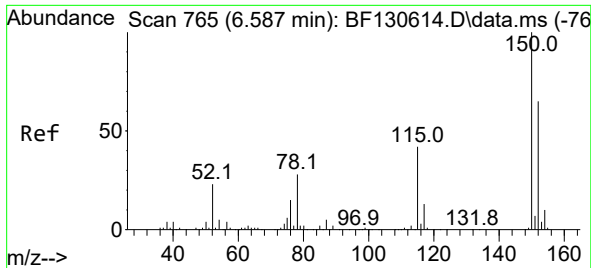
Quant Time: Oct 19 02:41:14 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	85849	43.625	ng	100
46) 1,1'-Biphenyl	9.039	154	466842	65.579	ng	98
47) 2-Chloronaphthalene	9.063	162	256462	44.080	ng	100
48) 2-Nitroaniline	9.169	65	80740	46.100	ng	89
49) Acenaphthylene	9.475	152	622299	71.384	ng	100
50) Dimethylphthalate	9.345	163	301371	44.321	ng	97
51) 2,6-Dinitrotoluene	9.416	165	63763	42.749	ng	87
52) Acenaphthene	9.645	154	435850	82.521	ng	99
53) 3-Nitroaniline	9.580	138	61409	37.559	ng	96
54) 2,4-Dinitrophenol	9.716	184	7895	14.715	ng	# 1
55) Dibenzofuran	9.822	168	906280	112.636	ng	96
56) 4-Nitrophenol	9.775	139	82939	92.002	ng	98
57) 2,4-Dinitrotoluene	9.828	165	91378	47.668	ng	# 78
58) Fluorene	10.169	166	1238554	187.235	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.945	232	67756	43.188	ng	# 76
60) Diethylphthalate	10.045	149	289573	42.682	ng	99
61) 4-Chlorophenyl-phenyle...	10.157	204	132154	44.189	ng	94
62) 4-Nitroaniline	10.198	138	65177	41.753	ng	96
63) Azobenzene	10.310	77	258708	40.487	ng	# 71
65) 4,6-Dinitro-2-methylph...	10.245	198	8923	8.164	ng	# 67
66) n-Nitrosodiphenylamine	10.275	169	280635	48.238	ng	98
67) 4-Bromophenyl-phenylether	10.639	248	88964	44.956	ng	98
68) Hexachlorobenzene	10.710	284	105017	46.945	ng	98
69) Atrazine	10.822	200	84694	53.462	ng	95
70) Pentachlorophenol	10.922	266	85903	98.666	ng	97
71) Phenanthrene	11.145	178	5058467	522.040	ng	97
72) Anthracene	11.180	178	1438921	152.050	ng	99
73) Carbazole	11.339	167	865520	102.496	ng	99
74) Di-n-butylphthalate	11.669	149	496324	48.521	ng	99
75) Fluoranthene	12.333	202	4282299	459.826	ng	94
77) Benzidine	12.457	184	158779	46.298	ng	99
78) Pyrene	12.563	202	4035564	344.764	ng	96
80) Butylbenzylphthalate	13.163	149	235494	52.320	ng	98
81) Benzo(a)anthracene	13.733	228	1894377	207.209	ng	96
82) 3,3'-Dichlorobenzidine	13.698	252	113092	42.807	ng	99
83) Chrysene	13.774	228	1545764	178.327	ng	96
84) Bis(2-ethylhexyl)phtha...	13.721	149	335056	61.403	ng	100
85) Di-n-octyl phthalate	14.327	149	479409	57.367	ng	97
87) Indeno(1,2,3-cd)pyrene	16.433	276	726855	94.433	ng	# 94
88) Benzo(b)fluoranthene	14.745	252	2103877	323.081	ng	96
89) Benzo(k)fluoranthene	14.745	252	2103877	317.299	ng	95
90) Benzo(a)pyrene	15.074	252	1121340	206.899	ng	97
91) Dibenzo(a,h)anthracene	16.433	278	364997	57.851	ng	97
92) Benzo(g,h,i)perylene	16.821	276	676769	115.169	ng	98

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

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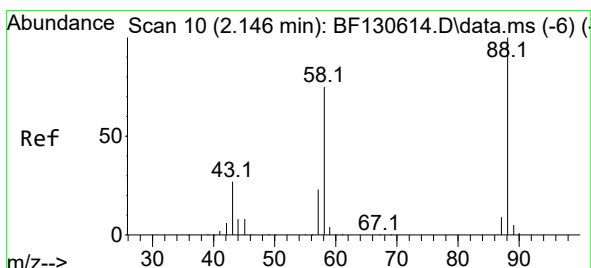
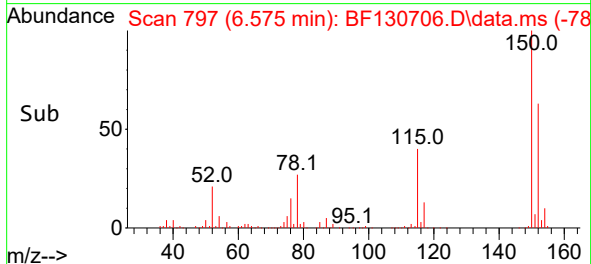
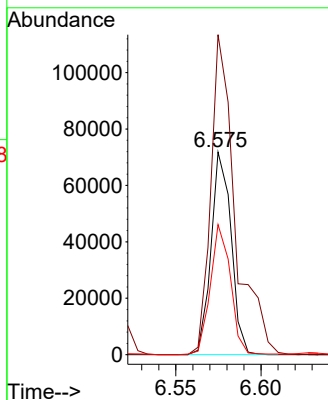
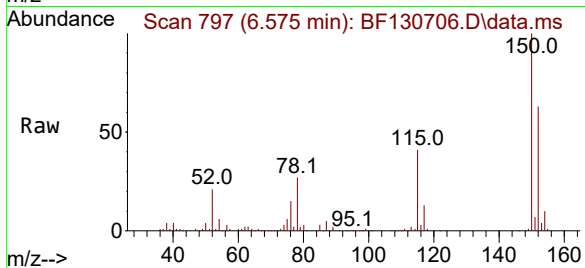




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

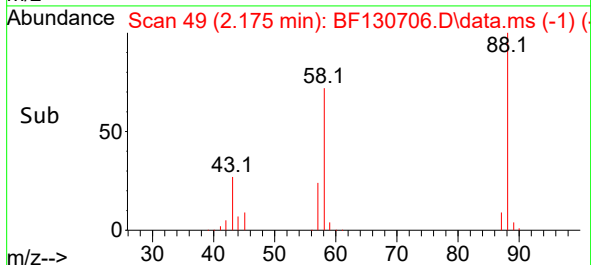
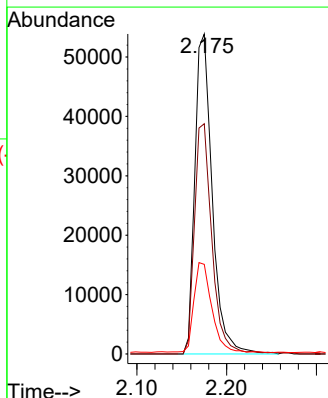
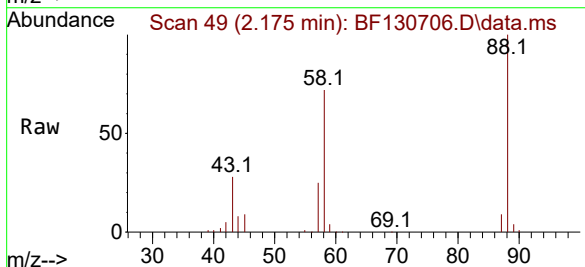
Instrument :
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BU-02-101722MSD

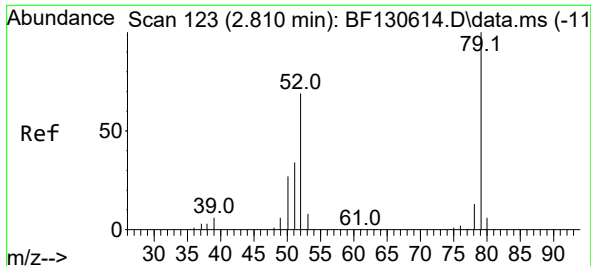
Tgt Ion:152 Resp: 58754
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 64.2 52.2 78.4



#2
1,4-Dioxane
Concen: 36.820 ng
RT: 2.175 min Scan# 49
Delta R.T. 0.041 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion: 88 Resp: 72608
Ion Ratio Lower Upper
88 100
58 71.8 58.8 88.2
43 29.1 22.2 33.4

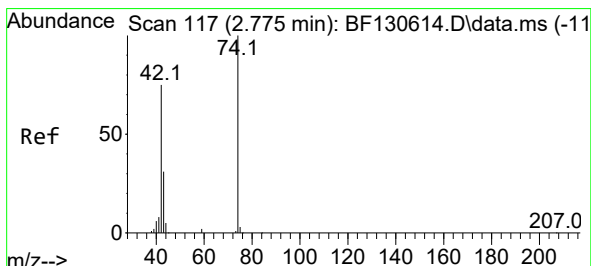
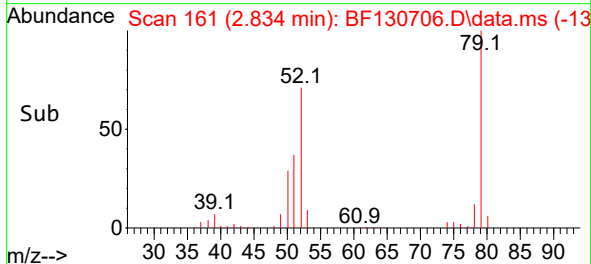
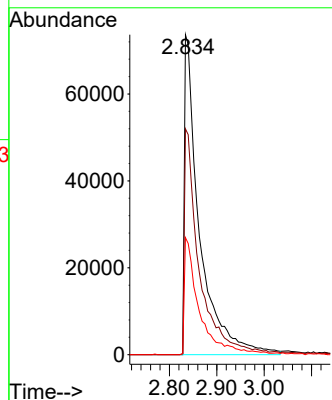
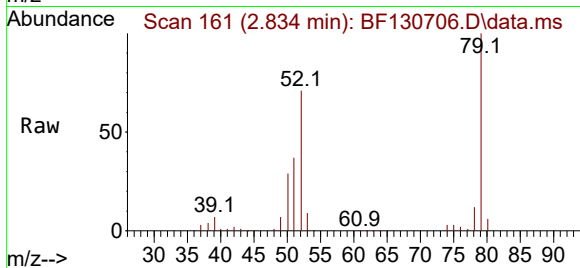




#3
 Pyridine
 Concen: 46.325 ng
 RT: 2.834 min Scan# 11
 Delta R.T. 0.047 min
 Lab File: BF130706.D
 Acq: 18 Oct 2022 19:24

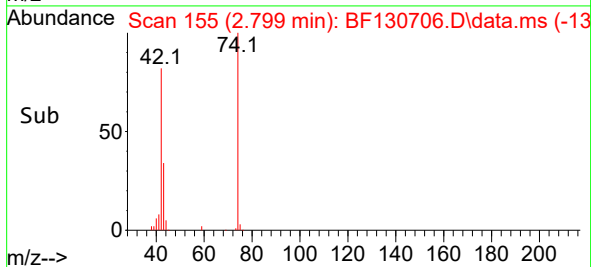
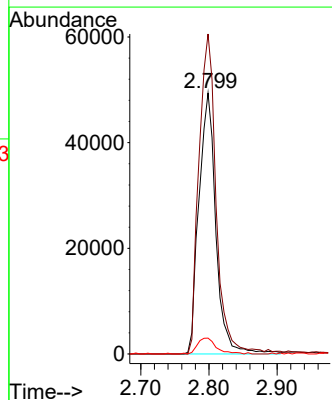
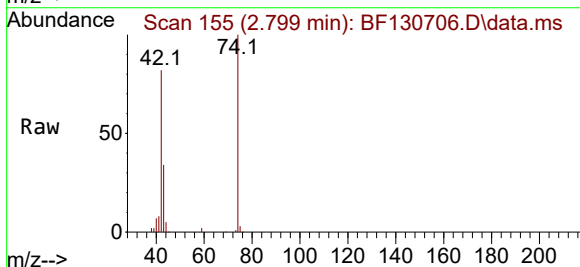
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 ClientSampleId :
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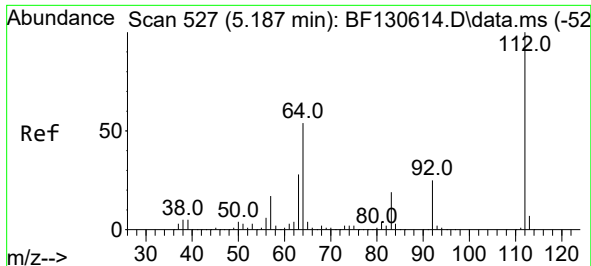
Tgt Ion: 79 Resp: 163406
 Ion Ratio Lower Upper
 79 100
 52 70.6 54.8 82.2
 51 36.5 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 51.520 ng
 RT: 2.799 min Scan# 155
 Delta R.T. 0.041 min
 Lab File: BF130706.D
 Acq: 18 Oct 2022 19:24

Tgt Ion: 42 Resp: 85626
 Ion Ratio Lower Upper
 42 100
 74 122.6 106.2 159.2
 44 6.0 5.0 7.4

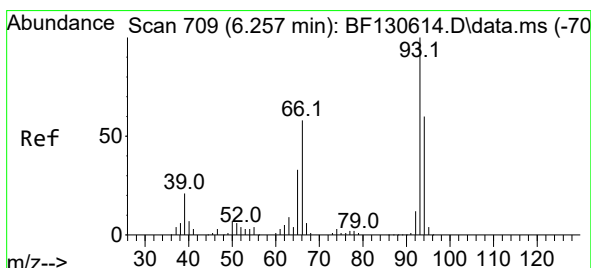
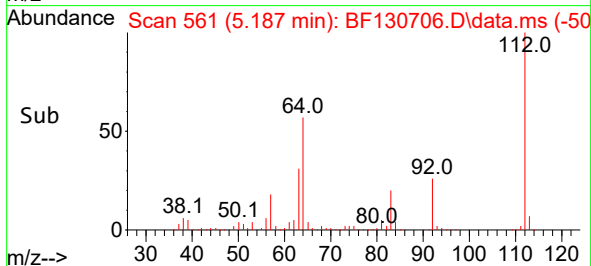
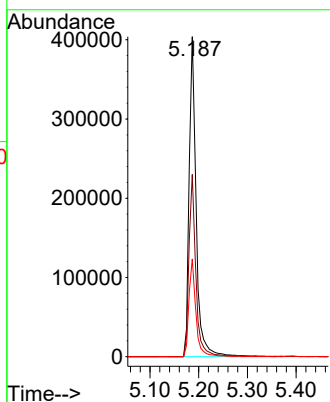
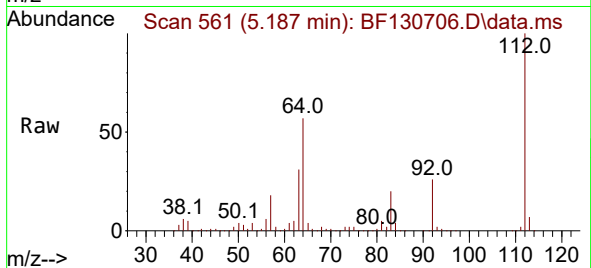




#5
2-Fluorophenol
Concen: 124.188 ng
RT: 5.187 min Scan# 509
Delta R.T. 0.018 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

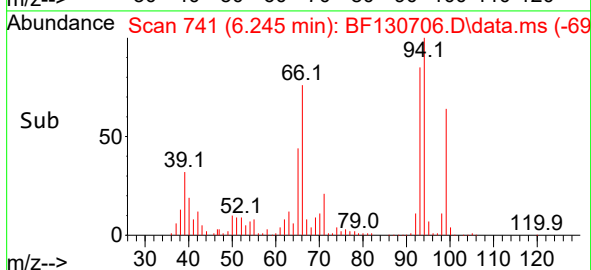
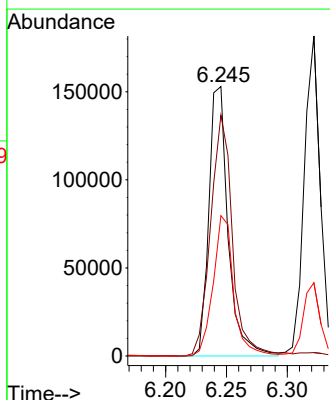
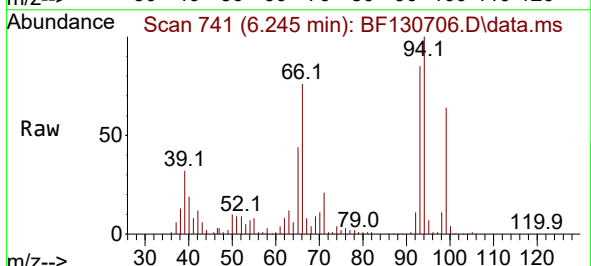
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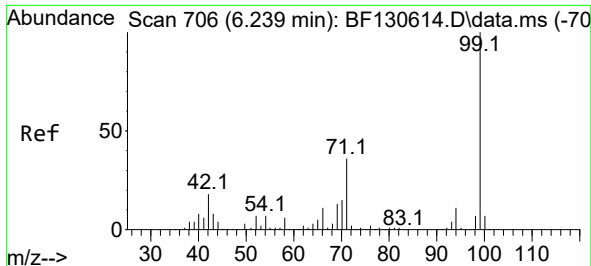
Tgt Ion:112 Resp: 404792
Ion Ratio Lower Upper
112 100
64 57.0 43.5 65.3
63 30.6 22.6 34.0



#6
Aniline
Concen: 34.430 ng
RT: 6.245 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion: 93 Resp: 168927
Ion Ratio Lower Upper
93 100
66 89.4 47.4 71.0#
65 52.1 26.6 40.0#

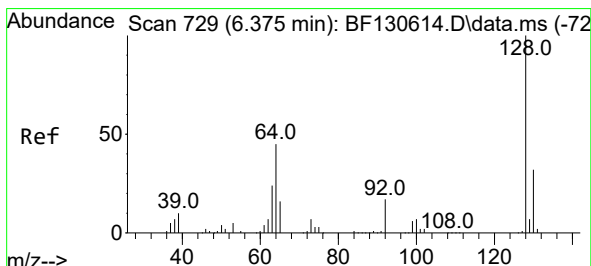
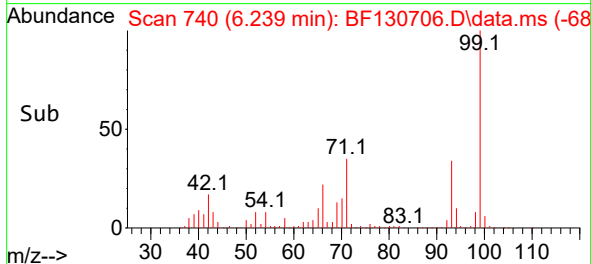
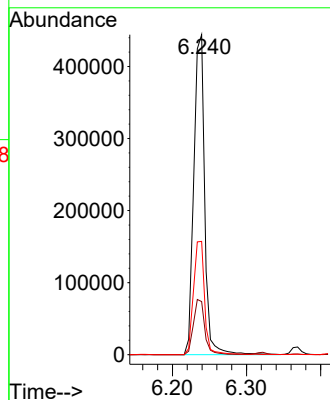
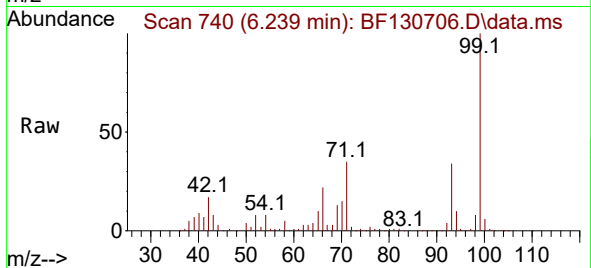




#7
Phenol-d6
Concen: 110.417 ng
RT: 6.239 min Scan# 706
Delta R.T. 0.012 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

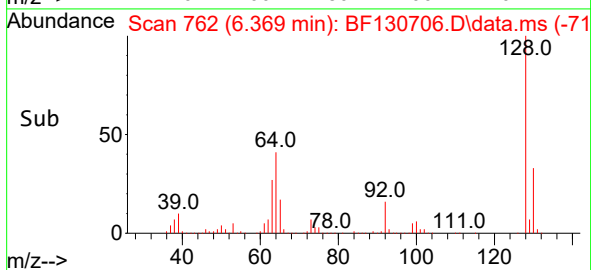
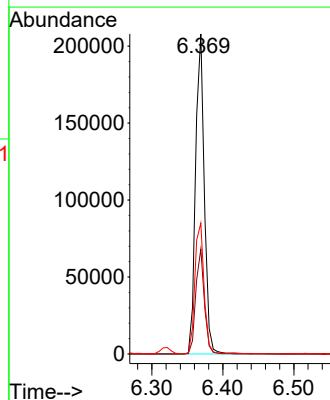
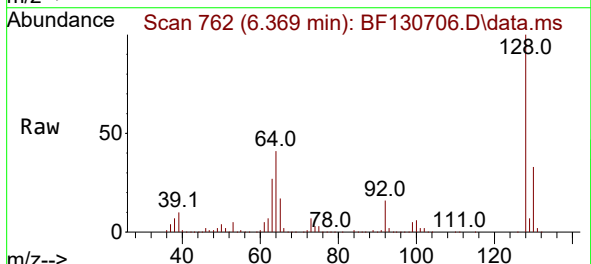
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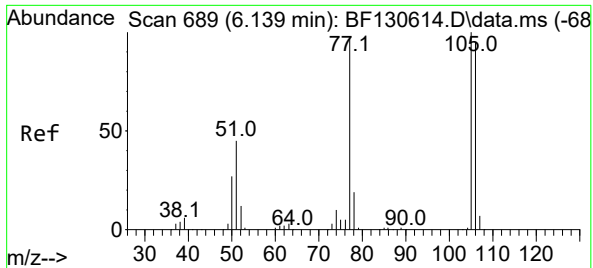
Tgt Ion: 99 Resp: 452499
Ion Ratio Lower Upper
99 100
42 16.6 14.0 21.0
71 35.4 28.8 43.2



#8
2-Chlorophenol
Concen: 46.763 ng
RT: 6.369 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion: 128 Resp: 179249
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 40.9 25.9 65.9

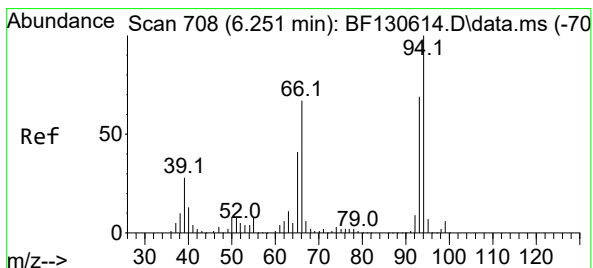
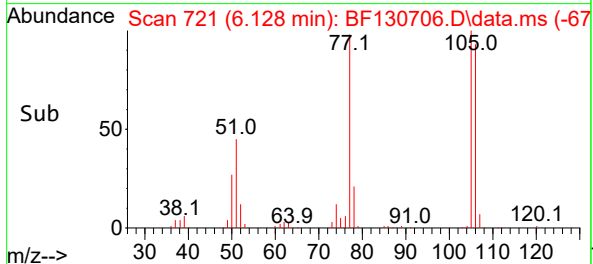
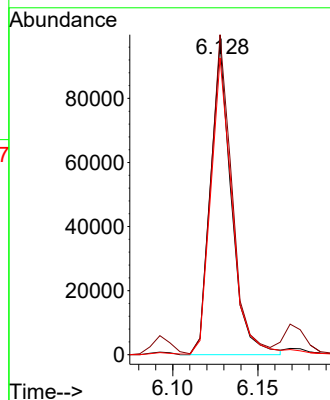
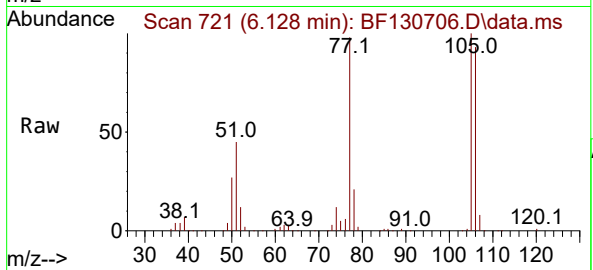




#9
Benzaldehyde
Concen: 32.151 ng
RT: 6.128 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

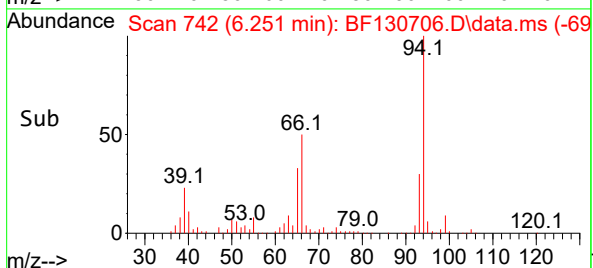
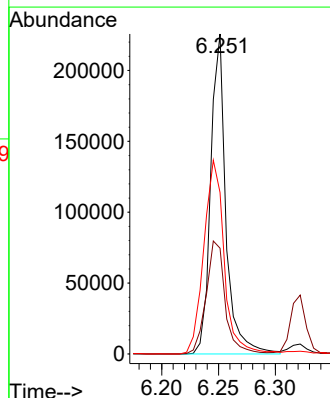
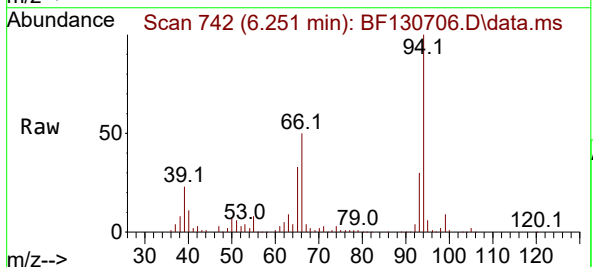
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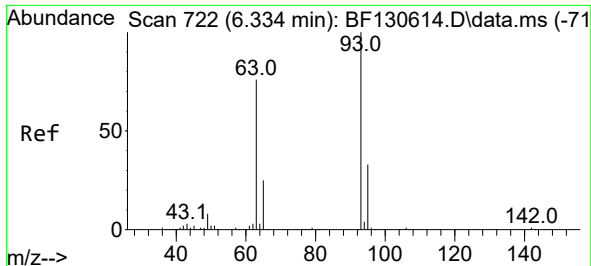
Tgt Ion: 77 Resp: 82781
Ion Ratio Lower Upper
77 100
105 102.5 83.0 123.0
106 95.1 77.8 117.8



#10
Phenol
Concen: 44.437 ng
RT: 6.251 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF130706.D
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Tgt Ion: 94 Resp: 210710
Ion Ratio Lower Upper
94 100
65 33.0 21.2 61.2
66 50.5 46.9 86.9

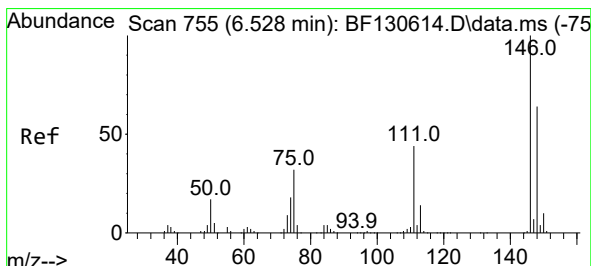
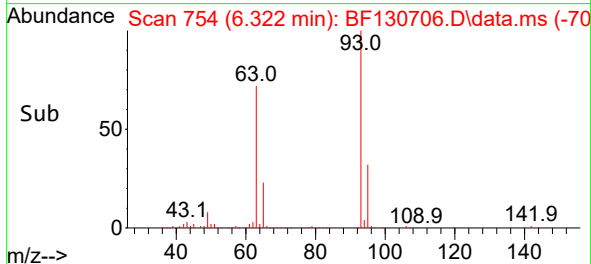
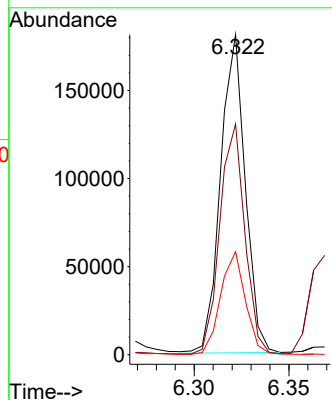
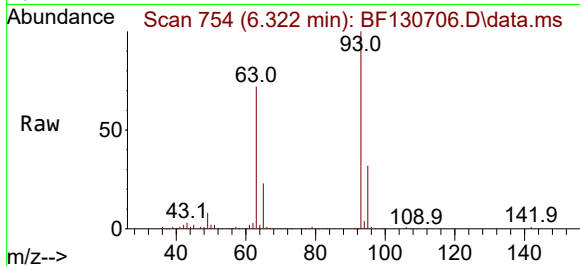




#11
bis(2-Chloroethyl)ether
Concen: 47.520 ng
RT: 6.322 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

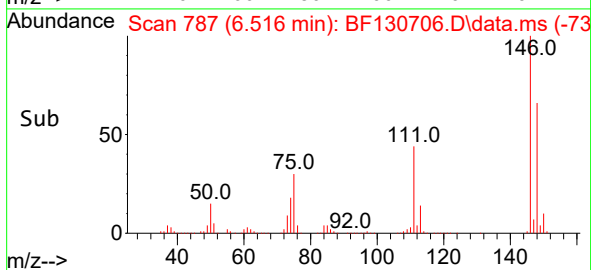
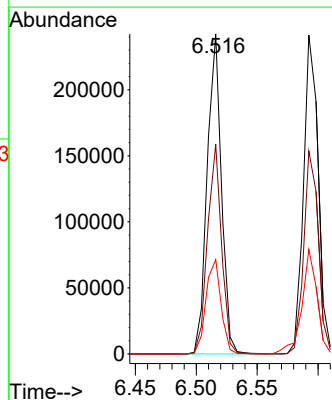
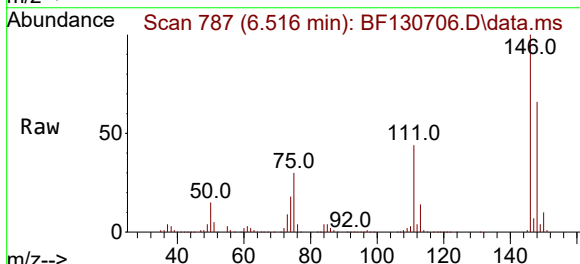
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

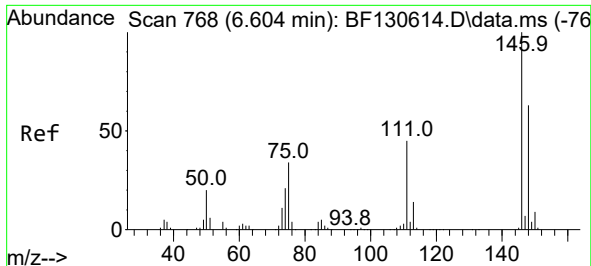
Tgt Ion: 93 Resp: 163675
Ion Ratio Lower Upper
93 100
63 72.1 56.1 96.1
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.020 ng
RT: 6.516 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:146 Resp: 197343
Ion Ratio Lower Upper
146 100
148 65.6 51.3 76.9
75 29.5 25.2 37.8

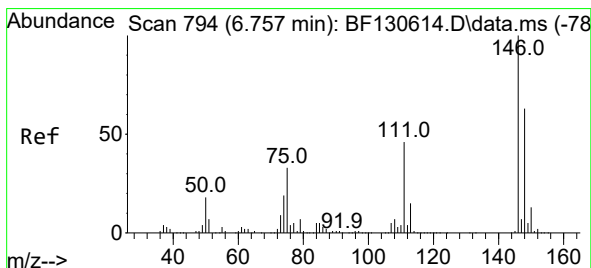
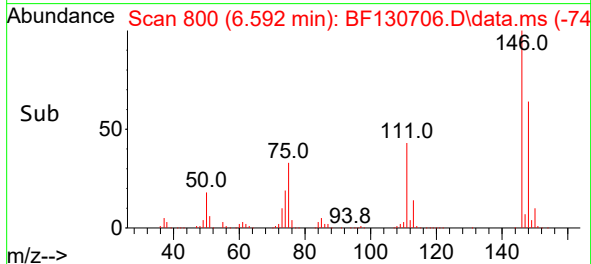
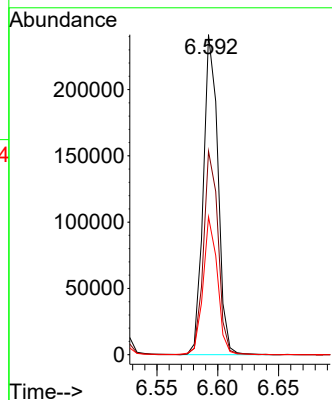
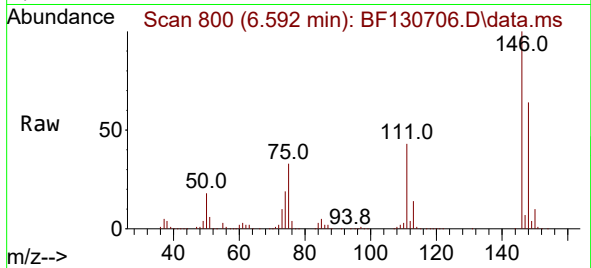




#13
1,4-Dichlorobenzene
Concen: 47.619 ng
RT: 6.592 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

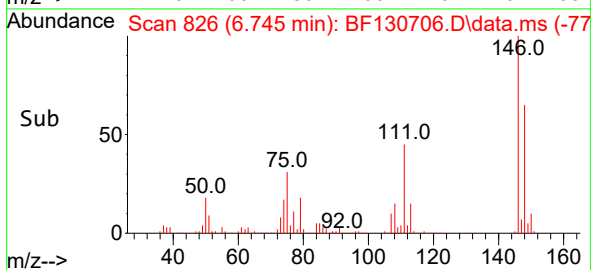
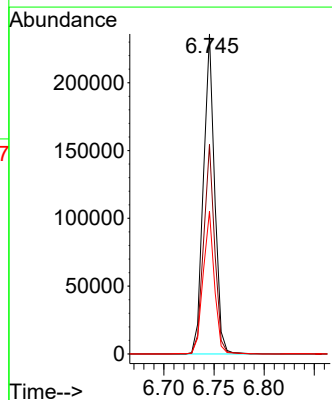
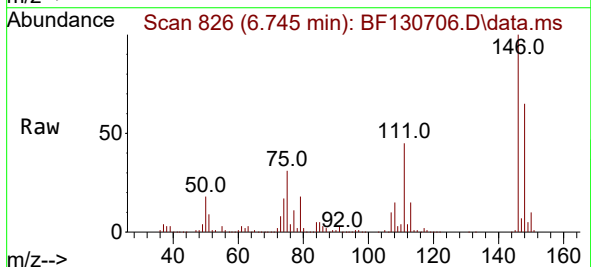
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

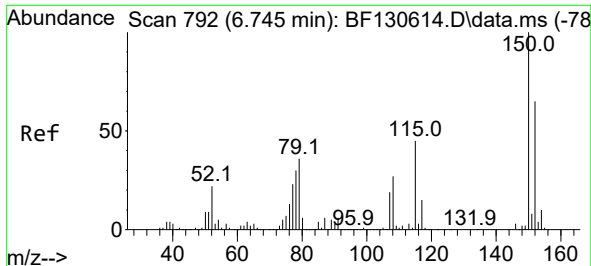
Tgt Ion:146 Resp: 202751
Ion Ratio Lower Upper
146 100
148 63.6 50.1 75.1
111 43.1 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 46.503 ng
RT: 6.745 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:146 Resp: 184400
Ion Ratio Lower Upper
146 100
148 65.5 50.5 75.7
111 44.6 37.2 55.8





#15

Benzyl Alcohol

Concen: 46.738 ng

RT: 6.739 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

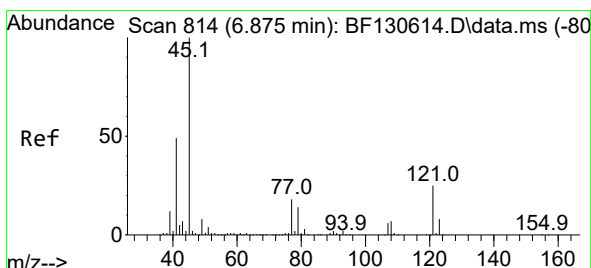
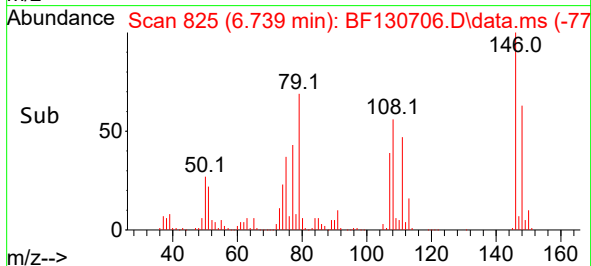
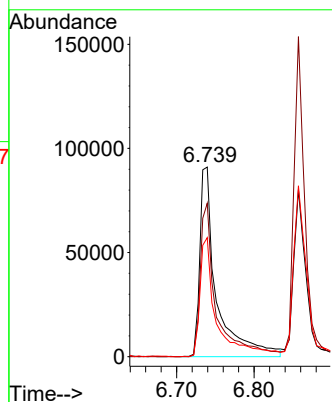
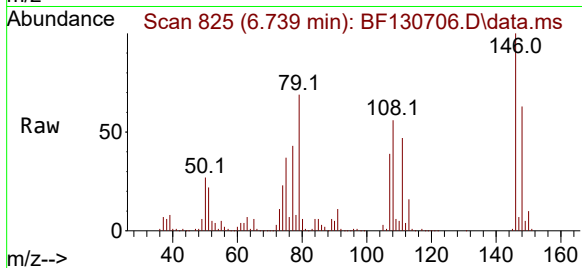
Tgt Ion: 79 Resp: 137514

Ion Ratio Lower Upper

79 100

108 81.0 59.7 89.5

77 62.8 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.245 ng

RT: 6.863 min Scan# 846

Delta R.T. -0.000 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

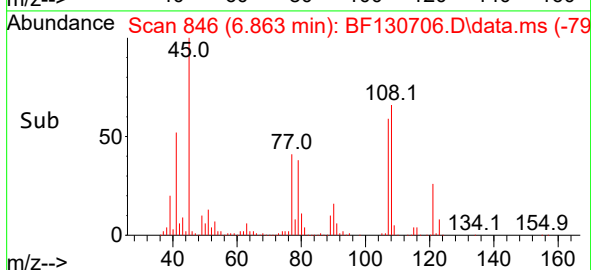
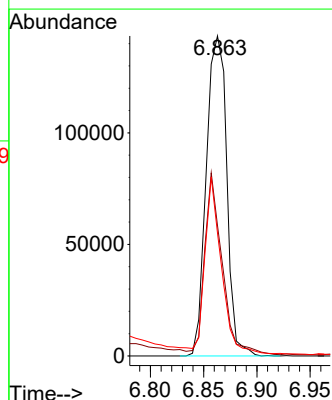
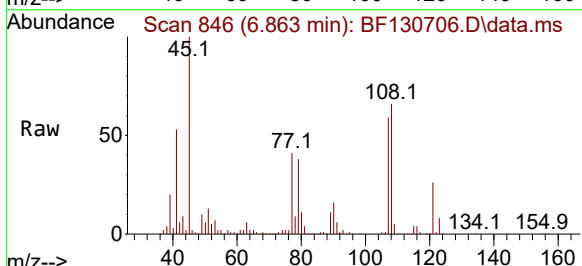
Tgt Ion: 45 Resp: 191634

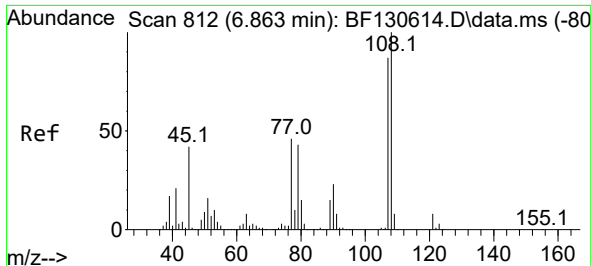
Ion Ratio Lower Upper

45 100

77 40.8 0.0 38.7#

79 38.5 0.0 34.6#

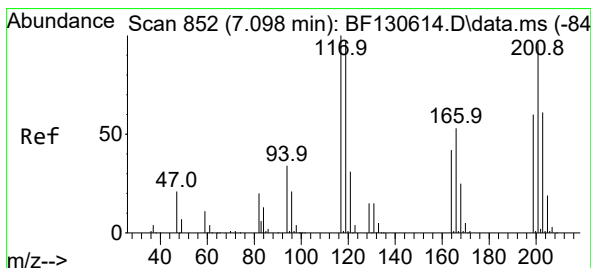
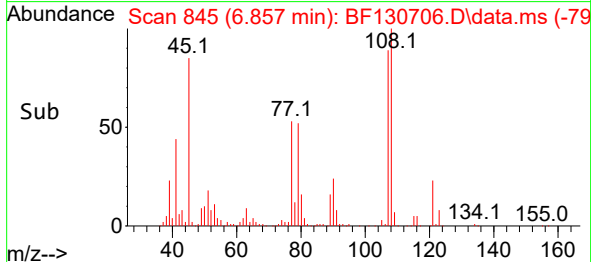
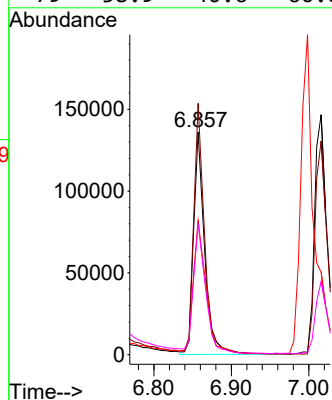
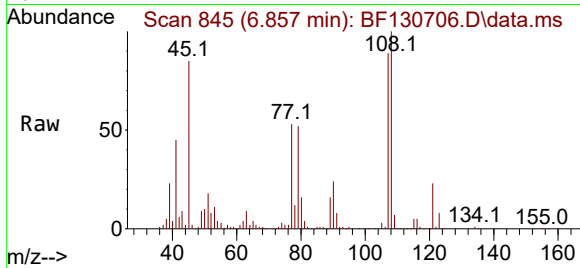




#17
2-Methylphenol
Concen: 43.929 ng
RT: 6.857 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

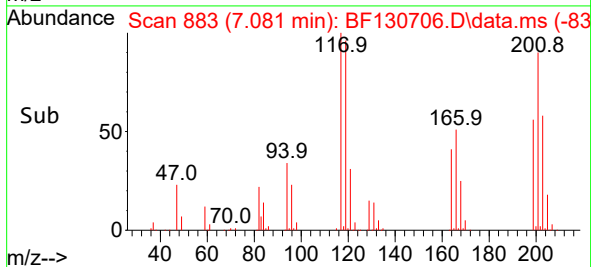
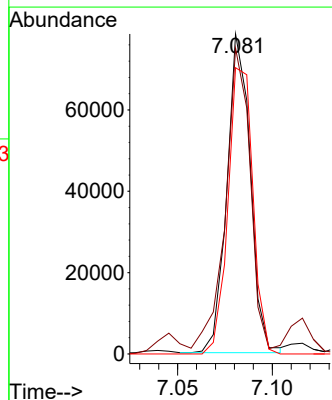
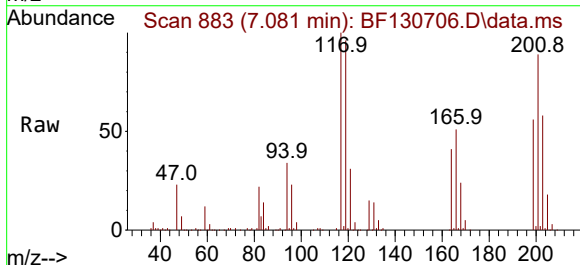
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

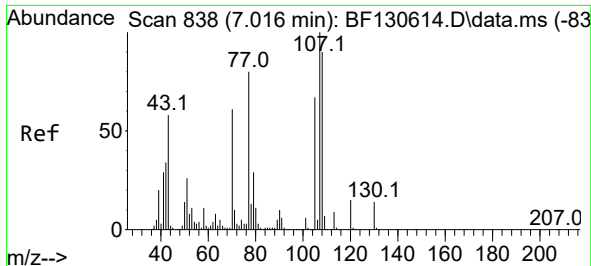
Tgt Ion:107 Resp: 133947
Ion Ratio Lower Upper
107 100
108 112.8 92.2 138.2
77 60.2 42.7 64.1
79 58.9 40.6 60.8



#18
Hexachloroethane
Concen: 41.828 ng
RT: 7.081 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

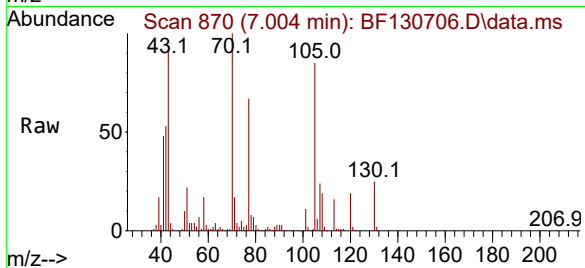
Tgt Ion:117 Resp: 67375
Ion Ratio Lower Upper
117 100
119 95.5 77.6 116.4
201 89.5 77.0 115.6



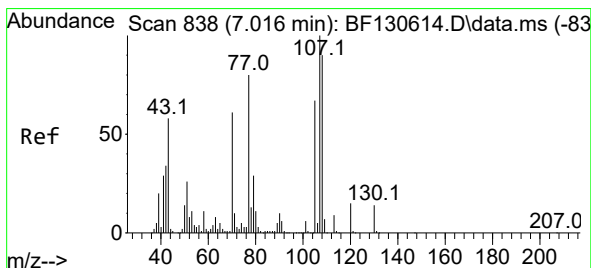
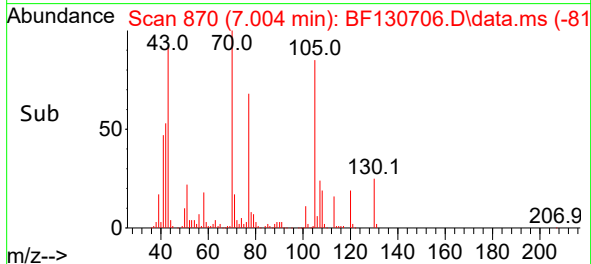
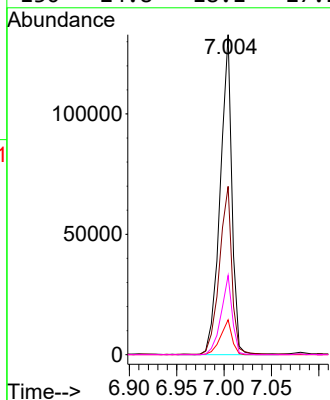


#19
n-Nitroso-di-n-propylamine
Concen: 43.401 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

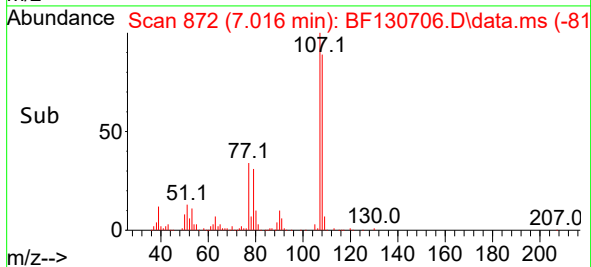
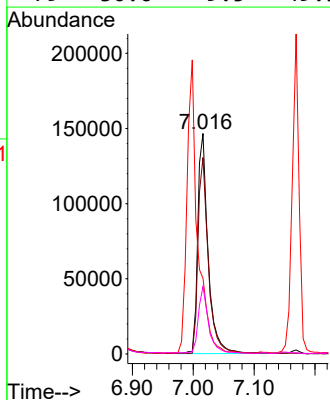
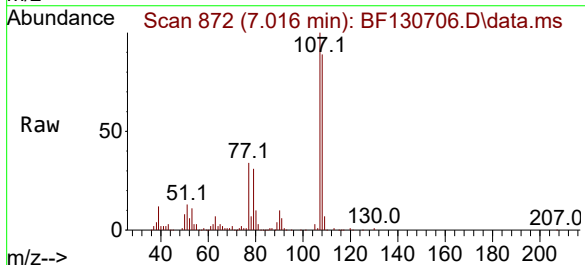


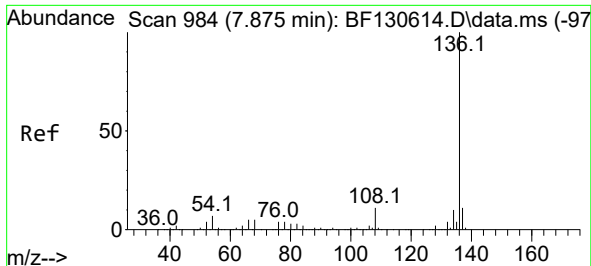
Tgt Ion: 70 Resp: 114753
Ion Ratio Lower Upper
70 100
42 52.6 44.3 66.5
101 10.9 7.9 11.9
130 24.8 18.1 27.1



#20
3+4-Methylphenols
Concen: 42.409 ng
RT: 7.016 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion: 107 Resp: 173274
Ion Ratio Lower Upper
107 100
108 89.1 69.7 109.7
77 34.3 59.7 99.7#
79 30.6 9.5 49.5

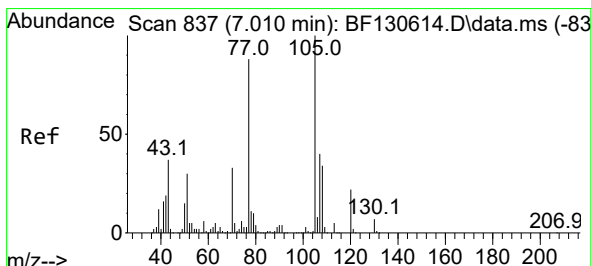
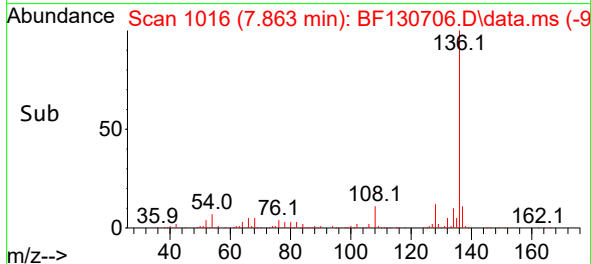
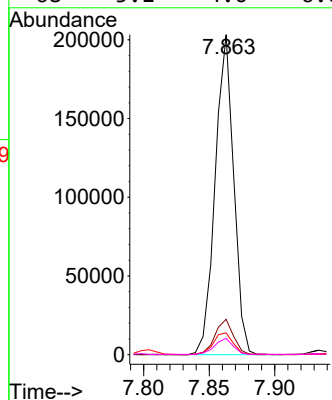
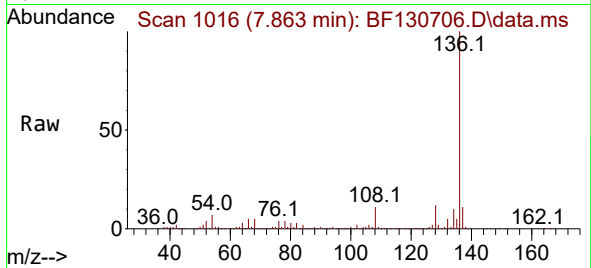




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

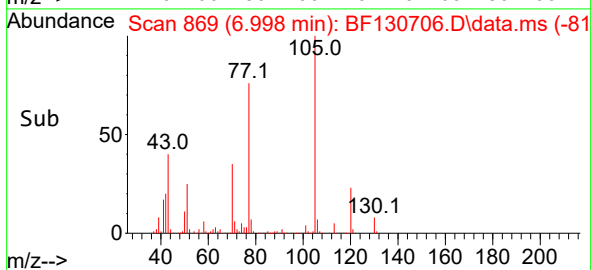
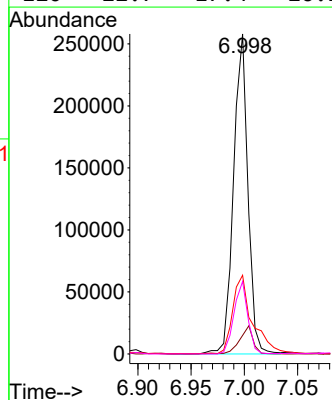
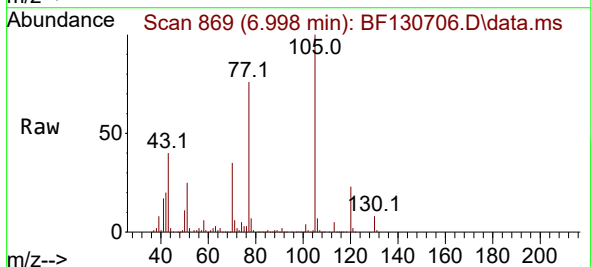
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

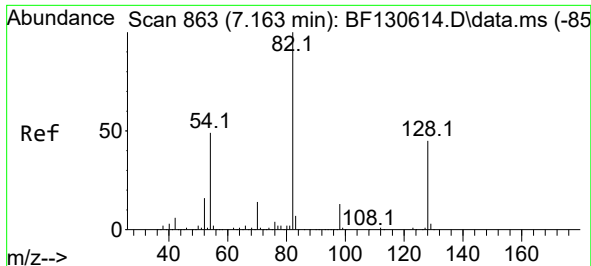
Tgt Ion:136 Resp: 199277
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.8 5.5 8.3
68 5.1 4.0 6.0



#22
Acetophenone
Concen: 50.569 ng
RT: 6.998 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:105 Resp: 241741
Ion Ratio Lower Upper
105 100
71 5.8 4.2 6.4
51 24.6 24.3 36.5
120 22.7 17.4 26.2

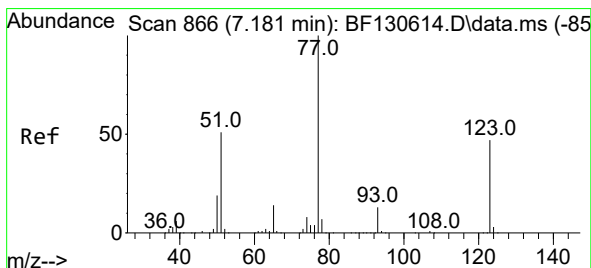
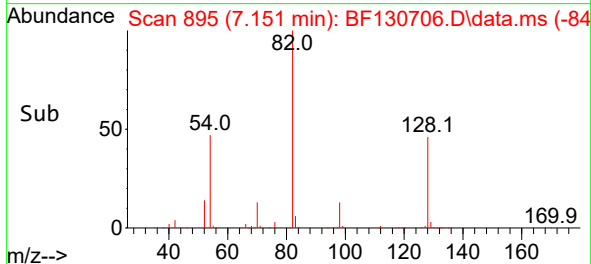
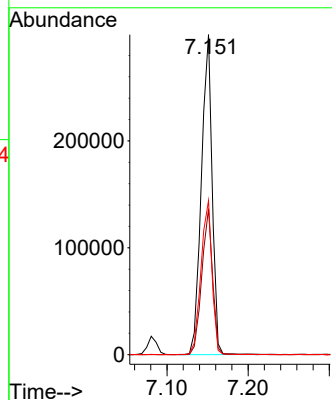
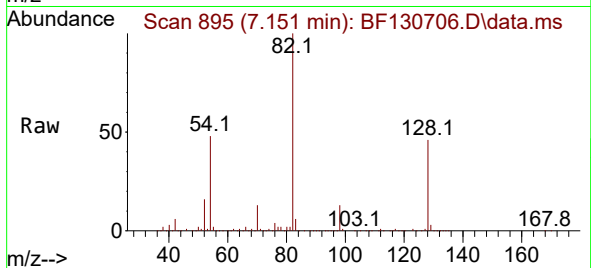




#23
Nitrobenzene-d5
Concen: 75.830 ng
RT: 7.151 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

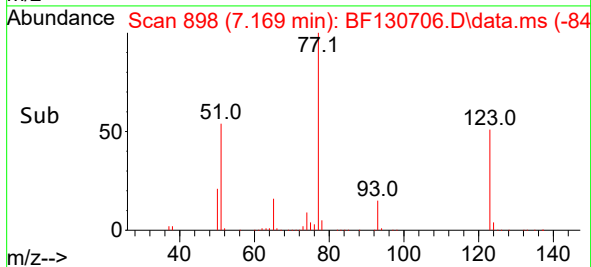
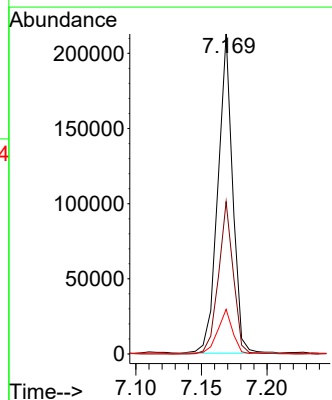
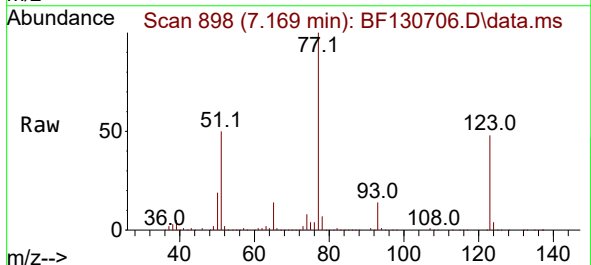
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

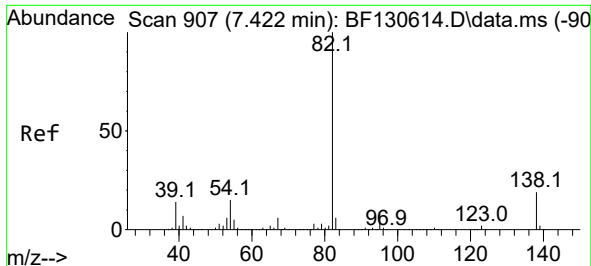
Tgt Ion: 82 Resp: 276810
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 48.1 39.3 58.9



#24
Nitrobenzene
Concen: 45.223 ng
RT: 7.169 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion: 77 Resp: 166017
Ion Ratio Lower Upper
77 100
123 47.6 37.5 56.3
65 14.0 11.0 16.4

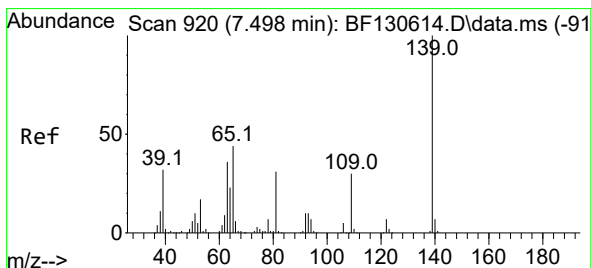
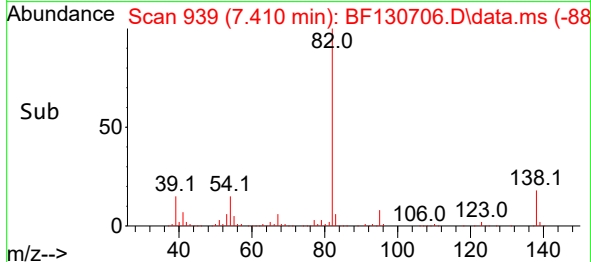
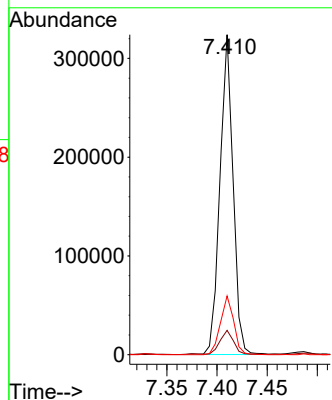
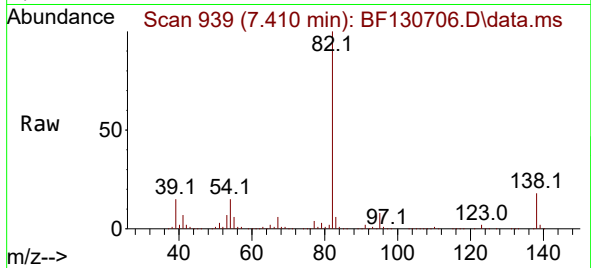




#25
Isophorone
Concen: 48.497 ng
RT: 7.410 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

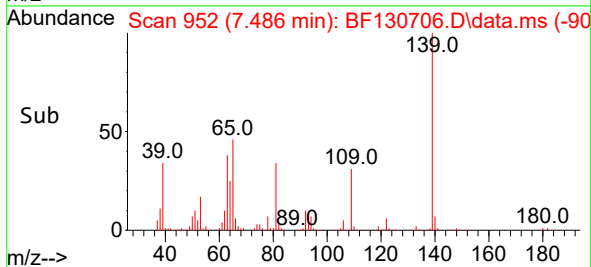
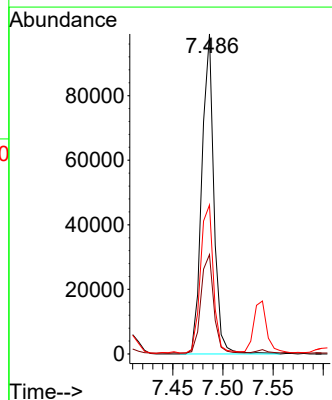
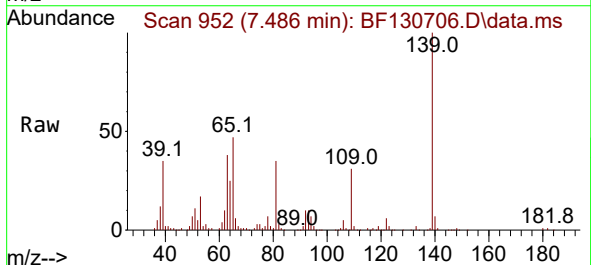
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

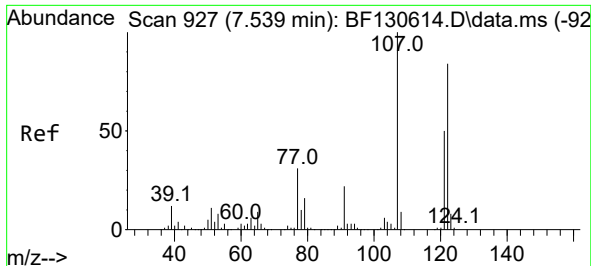
Tgt Ion: 82 Resp: 294642
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.4 14.9 22.3



#26
2-Nitrophenol
Concen: 46.268 ng
RT: 7.486 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion: 139 Resp: 83296
Ion Ratio Lower Upper
139 100
109 31.1 23.9 35.9
65 46.5 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 56.764 ng

RT: 7.539 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

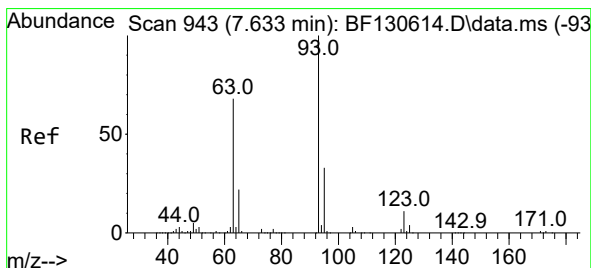
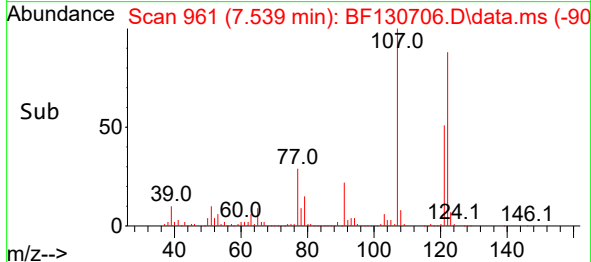
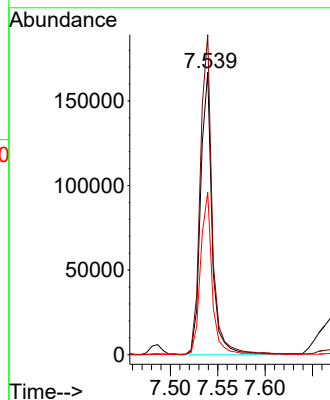
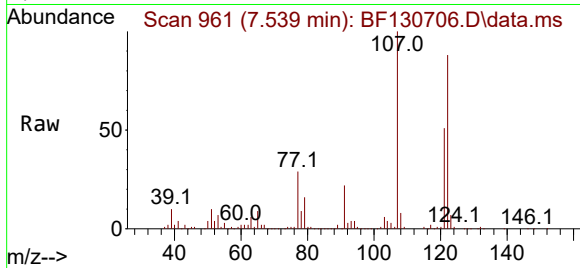
Tgt Ion:122 Resp: 142430

Ion Ratio Lower Upper

122 100

107 113.4 94.9 142.3

121 57.7 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 50.907 ng

RT: 7.628 min Scan# 976

Delta R.T. 0.006 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

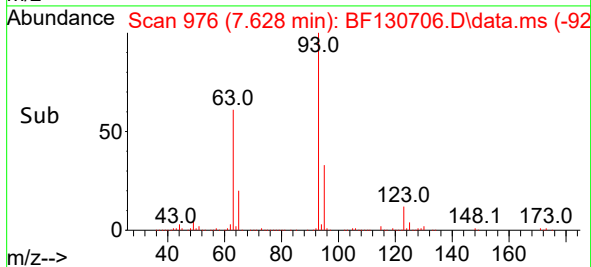
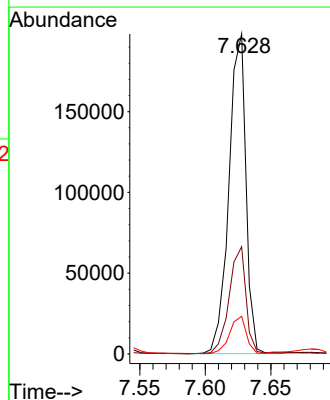
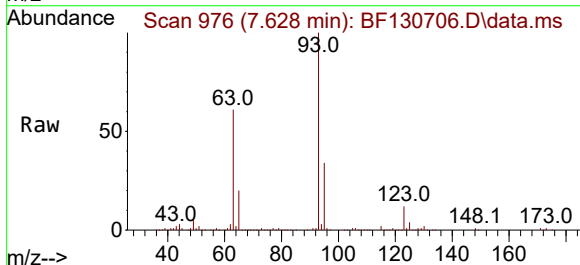
Tgt Ion: 93 Resp: 179086

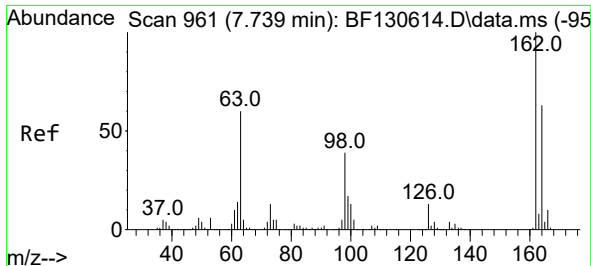
Ion Ratio Lower Upper

93 100

95 33.5 26.4 39.6

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.654 ng

RT: 7.739 min Scan# 995

Delta R.T. 0.012 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

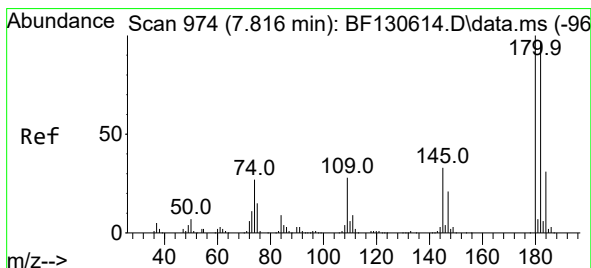
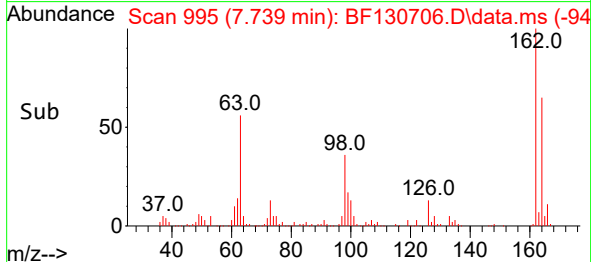
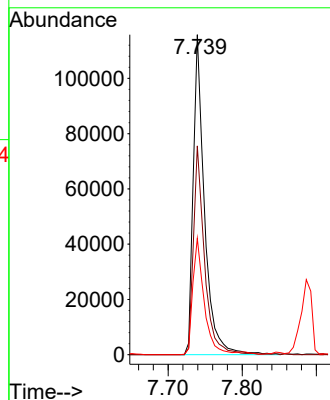
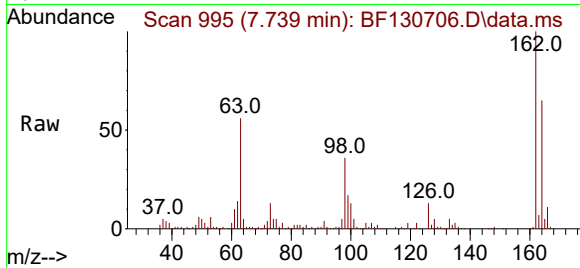
Tgt Ion:162 Resp: 122550

Ion Ratio Lower Upper

162 100

164 65.2 42.8 82.8

98 36.3 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 45.513 ng

RT: 7.804 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

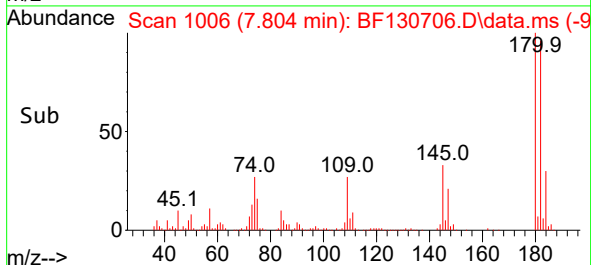
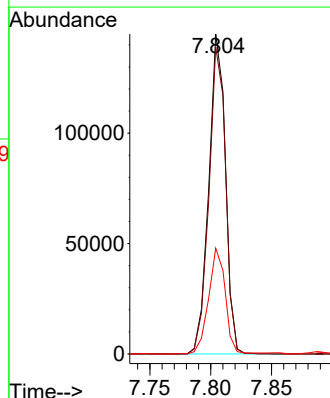
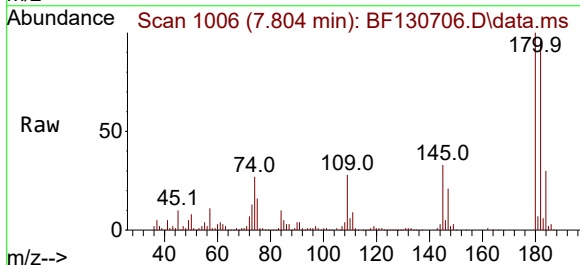
Tgt Ion:180 Resp: 137744

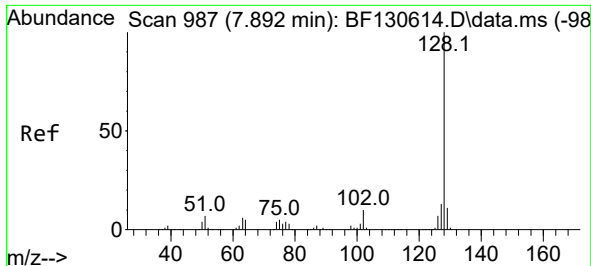
Ion Ratio Lower Upper

180 100

182 95.9 78.0 117.0

145 33.1 26.7 40.1

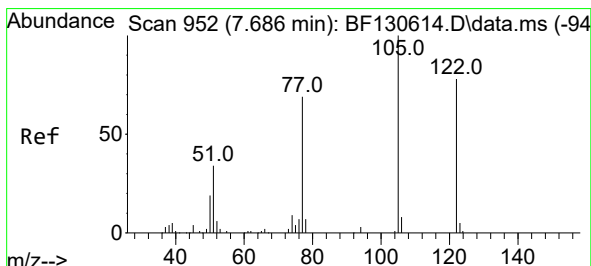
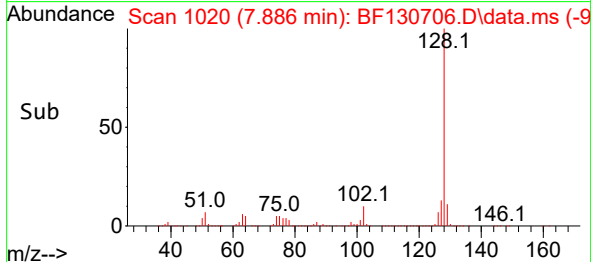
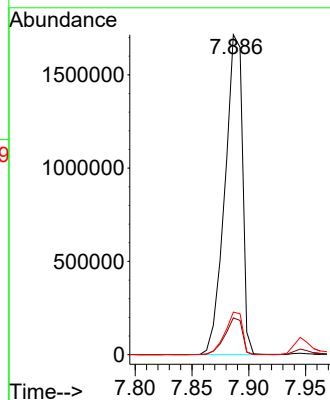
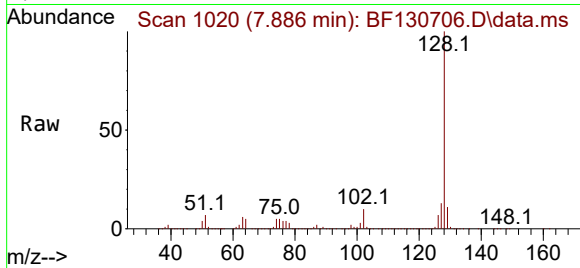




#31
Naphthalene
Concen: 178.899 ng
RT: 7.886 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

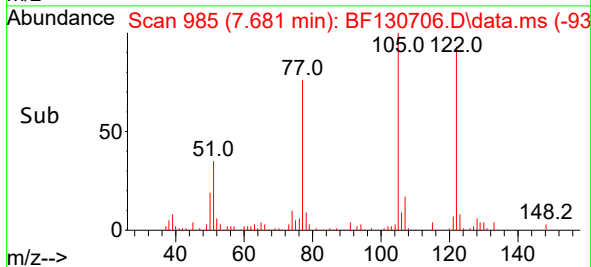
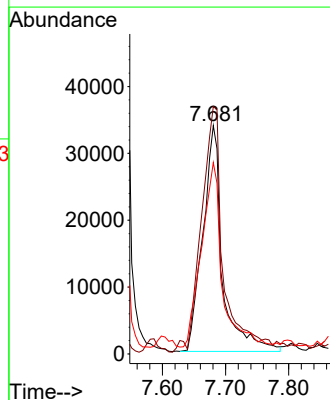
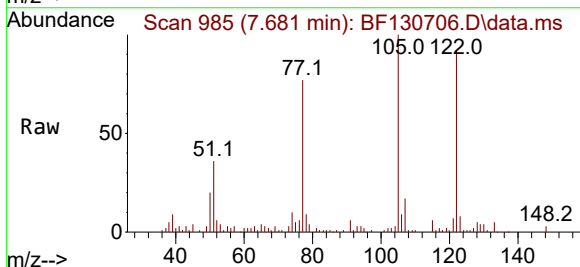
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

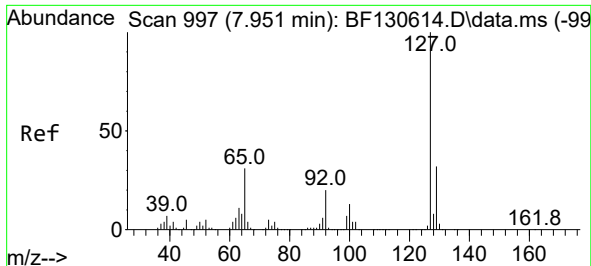
Tgt Ion:128 Resp: 1845429
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 46.080 ng
RT: 7.681 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:122 Resp: 73146
Ion Ratio Lower Upper
122 100
105 108.4 104.8 144.8
77 83.8 68.2 108.2





#33

4-Chloroaniline

Concen: 27.941 ng

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

Tgt Ion:127 Resp: 111649

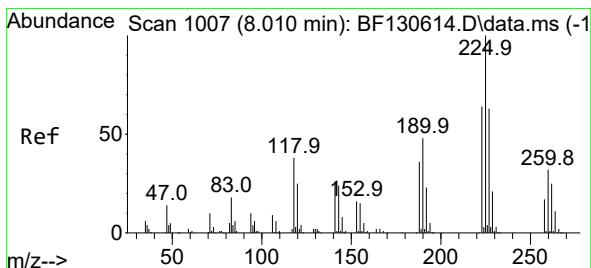
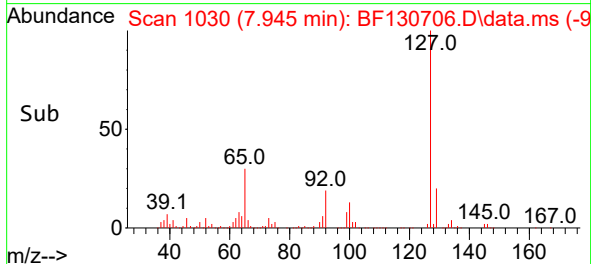
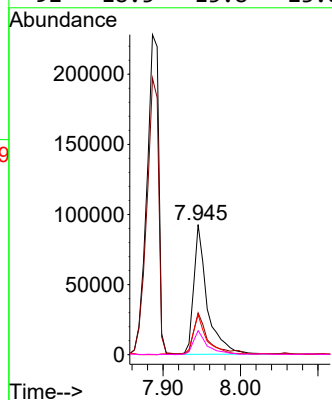
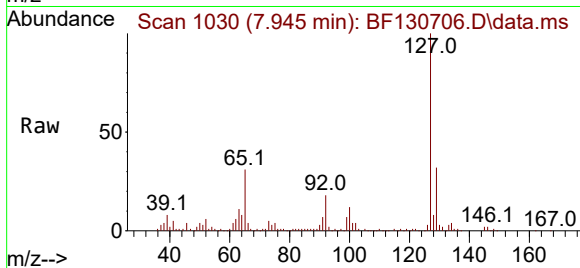
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 30.8 24.7 37.1

92 18.5 15.8 23.8



#34

Hexachlorobutadiene

Concen: 48.132 ng

RT: 7.998 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

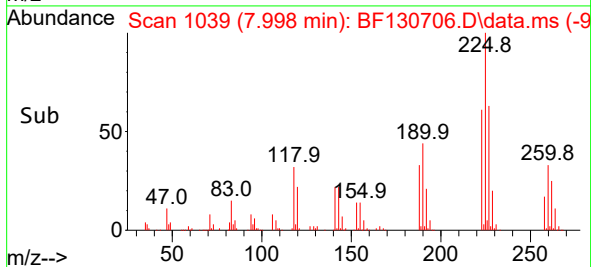
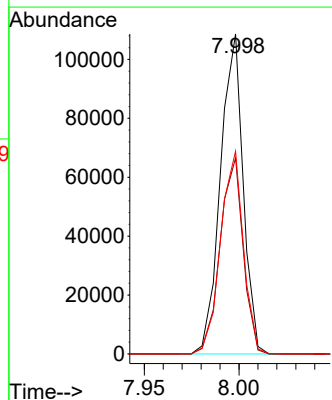
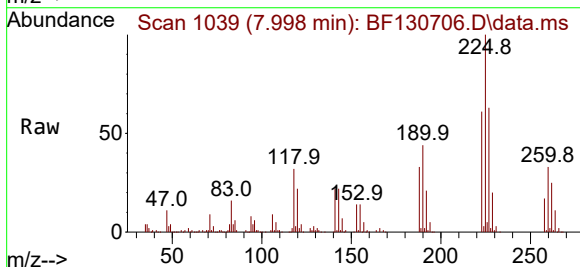
Tgt Ion:225 Resp: 90413

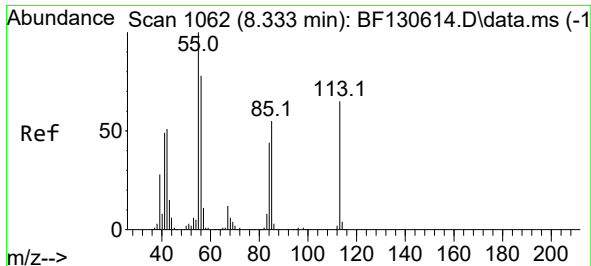
Ion Ratio Lower Upper

225 100

223 61.3 51.5 77.3

227 63.3 50.4 75.6

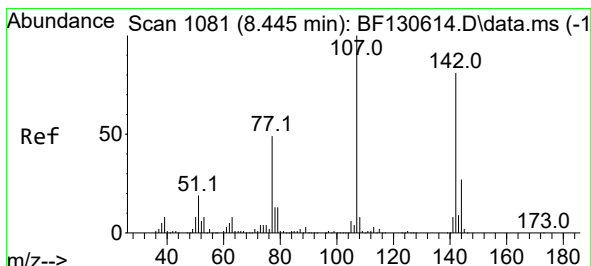
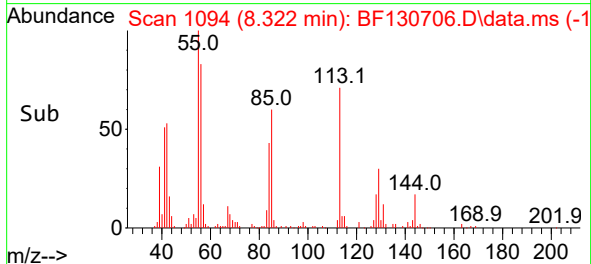
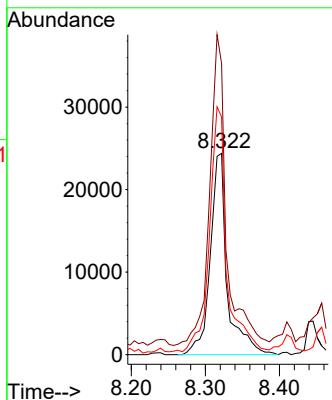
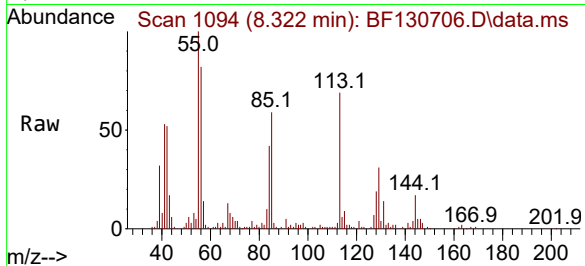




#35
 Caprolactam
 Concen: 45.931 ng
 RT: 8.322 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF130706.D
 Acq: 18 Oct 2022 19:24

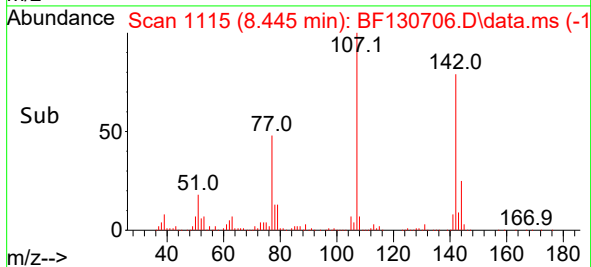
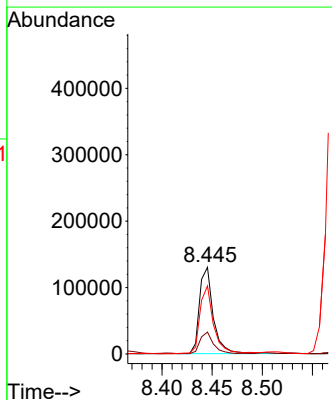
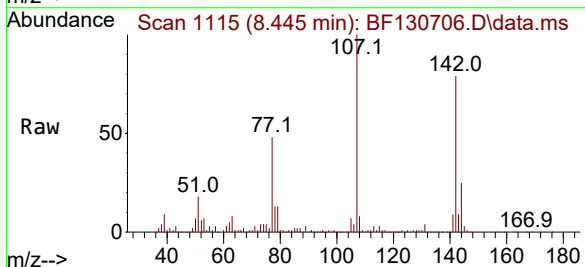
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722MSD

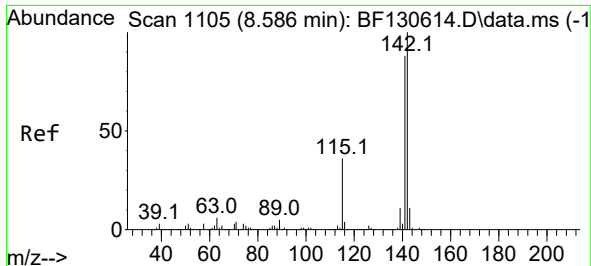
Tgt Ion:113 Resp: 38795
 Ion Ratio Lower Upper
 113 100
 55 144.7 134.3 174.3
 56 118.1 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.995 ng
 RT: 8.445 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF130706.D
 Acq: 18 Oct 2022 19:24

Tgt Ion:107 Resp: 124836
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.9 32.9
 142 78.5 64.6 96.8

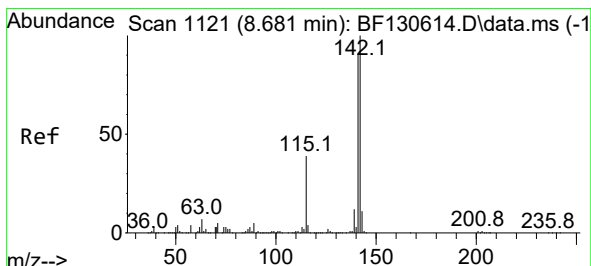
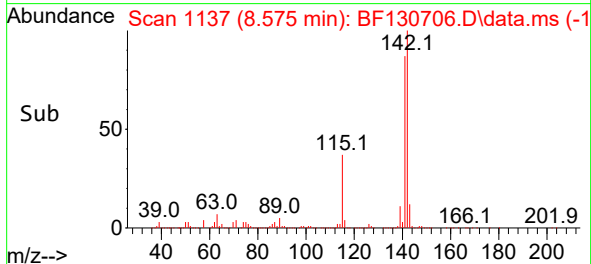
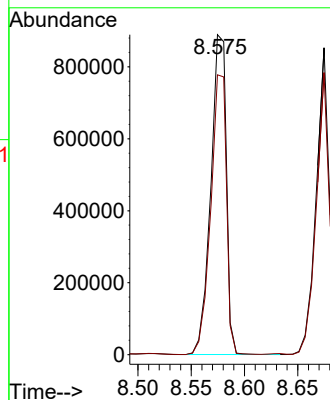
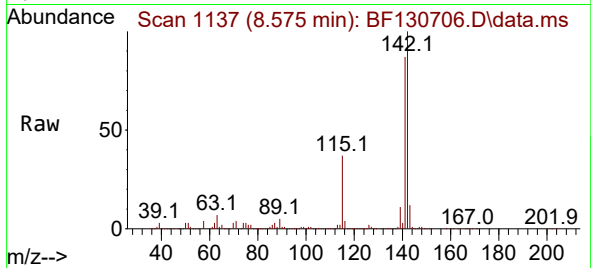




#37
2-Methylnaphthalene
Concen: 139.183 ng
RT: 8.575 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

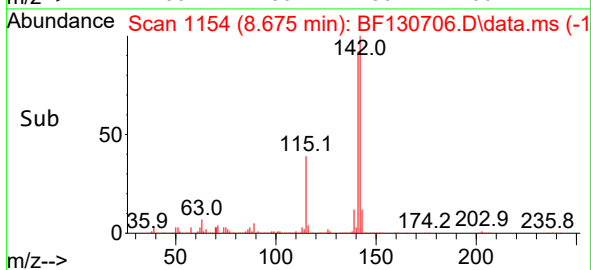
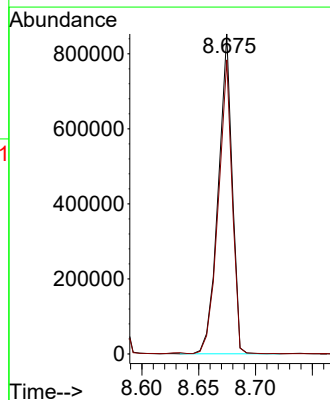
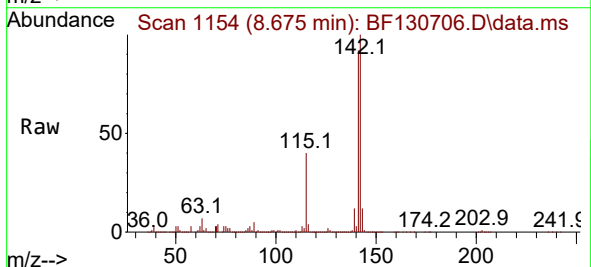
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

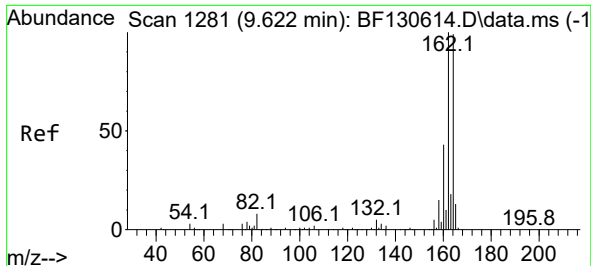
Tgt Ion:142 Resp: 903513
Ion Ratio Lower Upper
142 100
141 87.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 115.015 ng
RT: 8.675 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:142 Resp: 724806
Ion Ratio Lower Upper
142 100
141 91.9 72.6 108.8

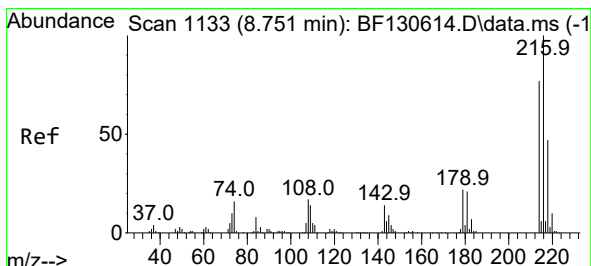
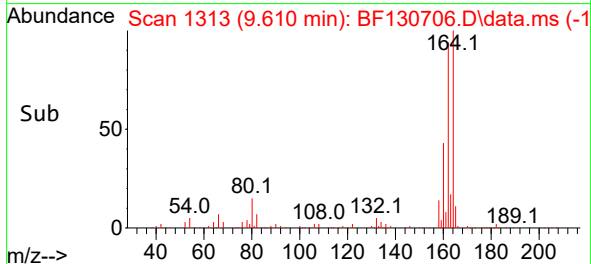
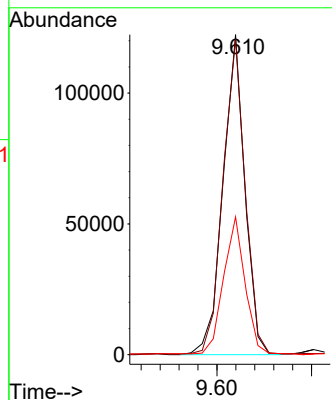
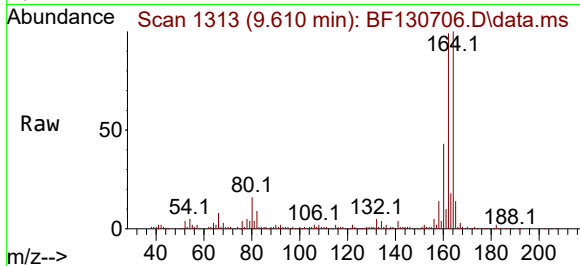




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

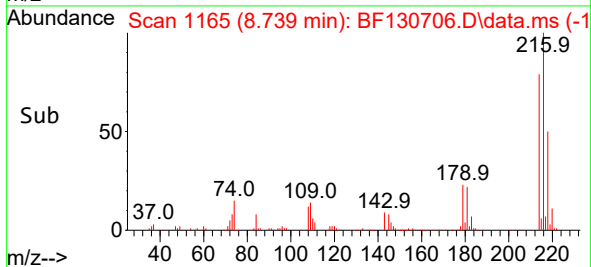
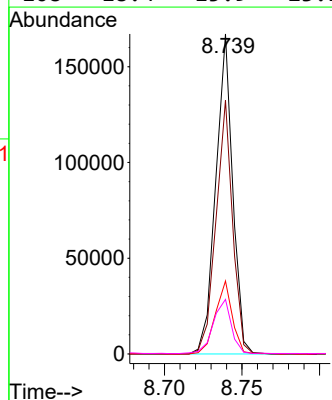
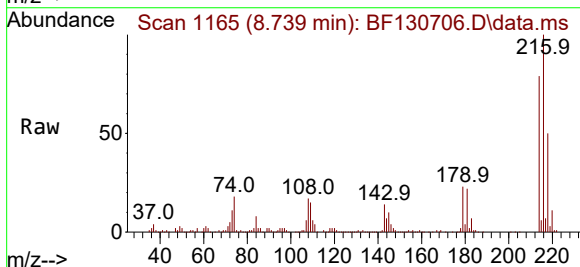
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

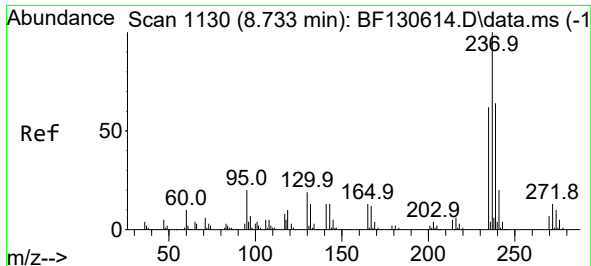
Tgt Ion:164 Resp: 98229
Ion Ratio Lower Upper
164 100
162 98.6 81.0 121.4
160 43.0 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.631 ng
RT: 8.739 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

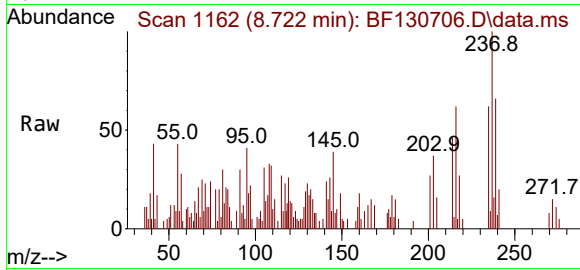
Tgt Ion:216 Resp: 126940
Ion Ratio Lower Upper
216 100
214 77.7 62.1 93.1
179 22.9 18.6 27.8
108 18.4 15.9 23.9



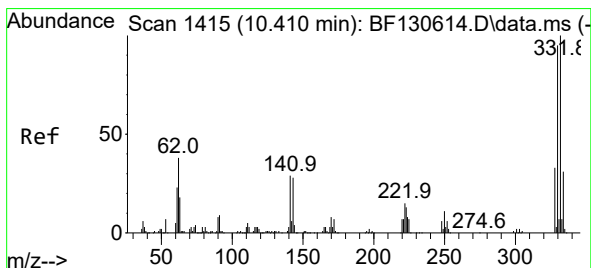
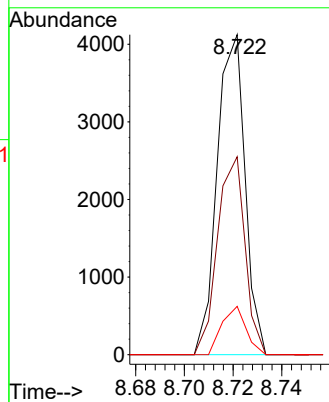
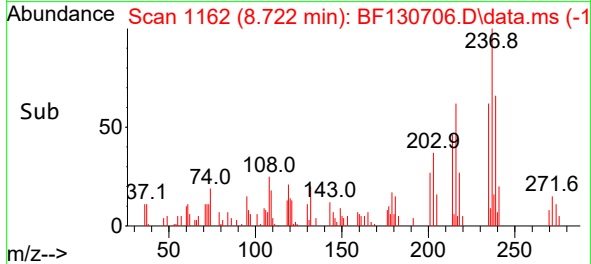


#41
Hexachlorocyclopentadiene
Concen: 12.778 ng
RT: 8.722 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

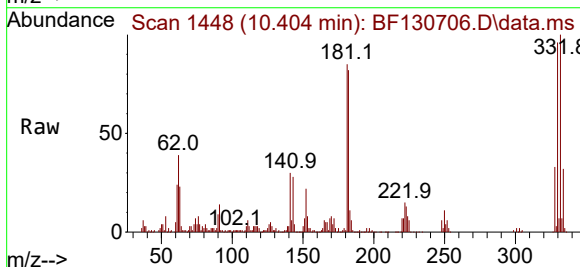
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD



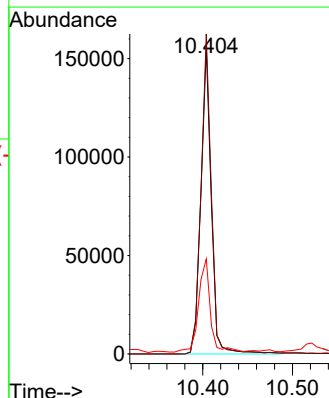
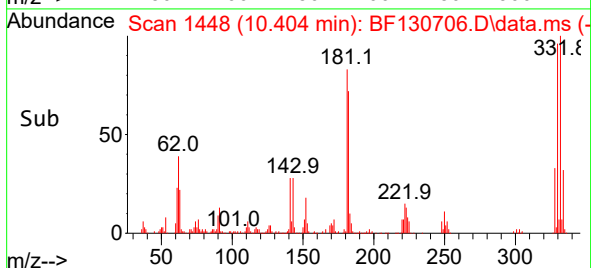
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.2	82.2
272	15.1	0.0	32.6

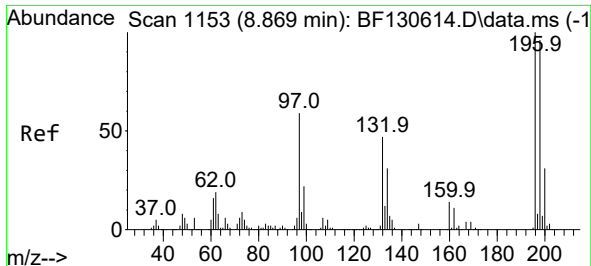


#42
2,4,6-Tribromophenol
Concen: 130.418 ng
RT: 10.404 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24



Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.8	84.2	126.4
141	34.2	26.8	40.2





#43

2,4,6-Trichlorophenol

Concen: 45.866 ng

RT: 8.863 min Scan# 1153

Delta R.T. 0.006 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

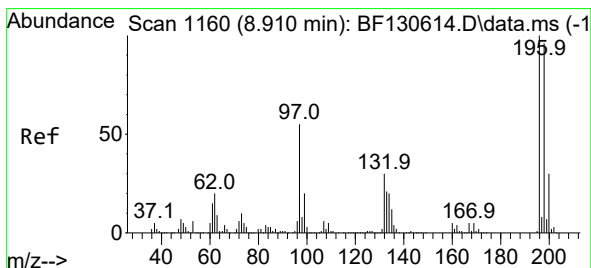
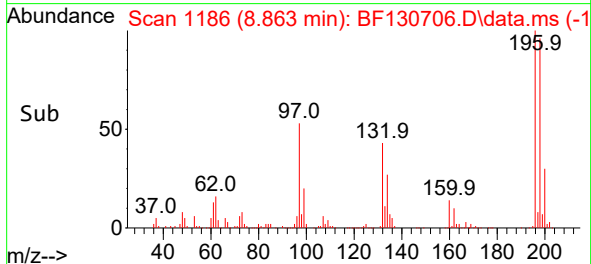
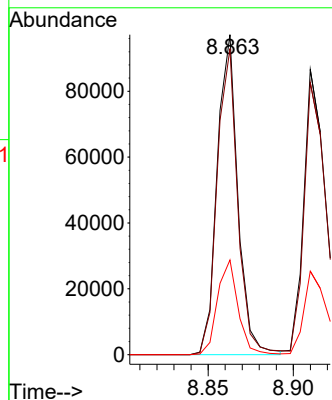
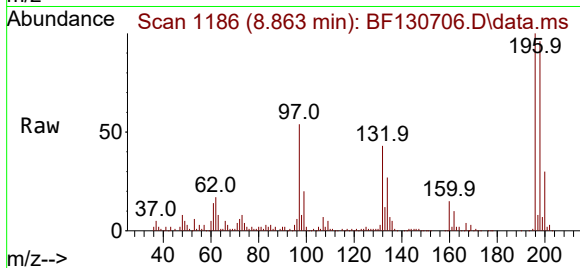
Tgt Ion:196 Resp: 82075

Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

200 29.6 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 43.625 ng

RT: 8.910 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Tgt Ion:196 Resp: 85849

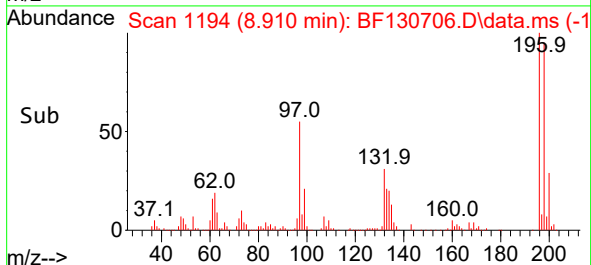
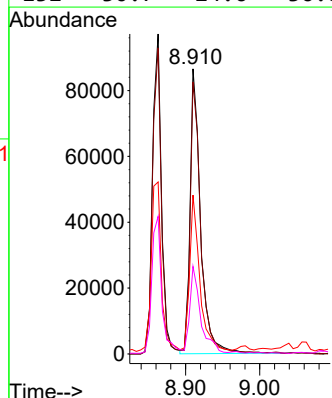
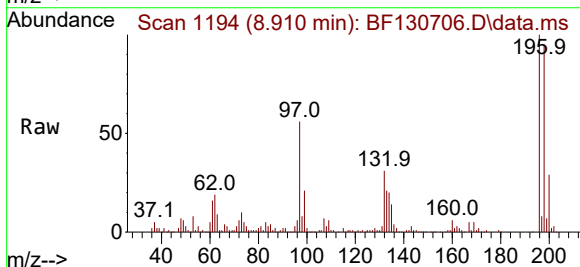
Ion Ratio Lower Upper

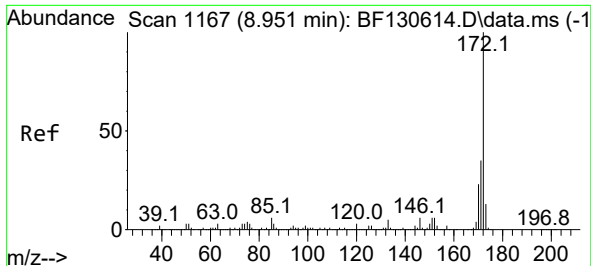
196 100

198 95.4 76.6 114.8

97 55.7 44.3 66.5

132 30.7 24.6 36.8

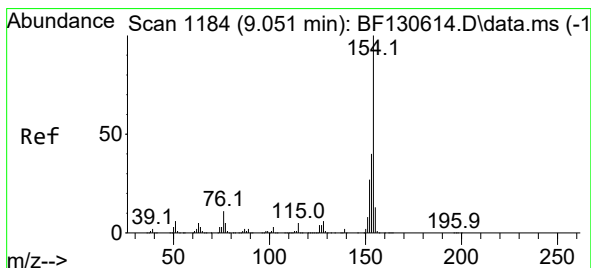
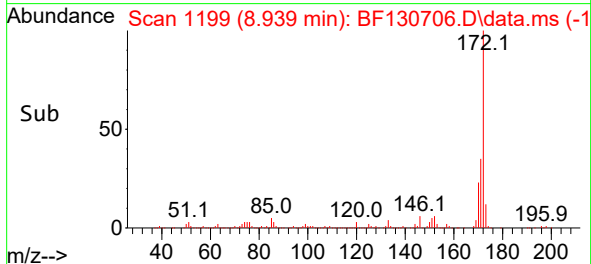
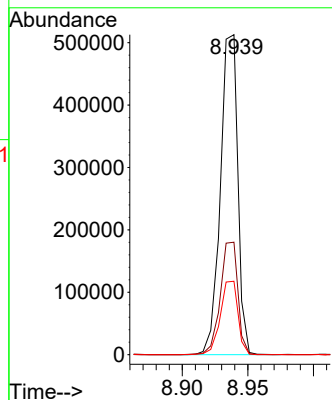
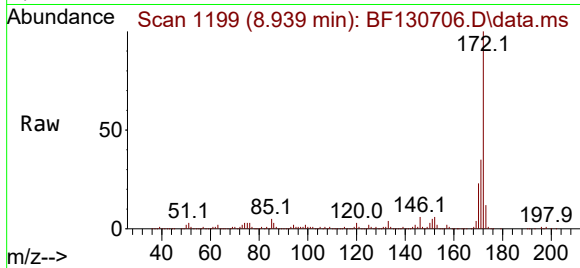




#45
2-Fluorobiphenyl
Concen: 72.926 ng
RT: 8.939 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

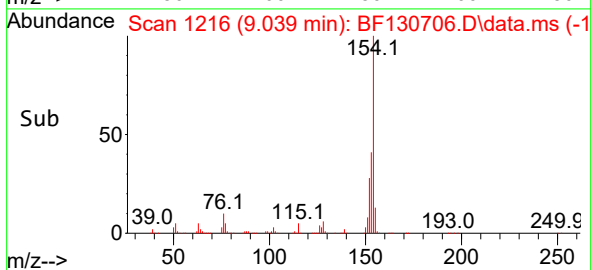
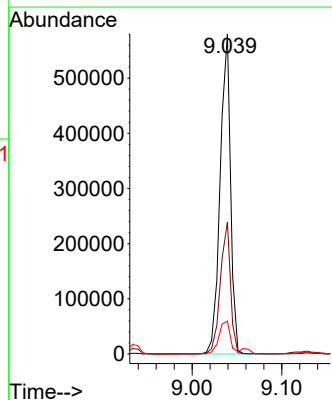
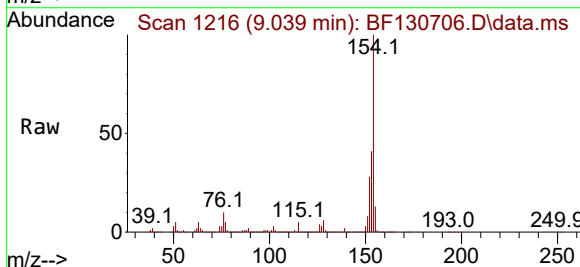
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

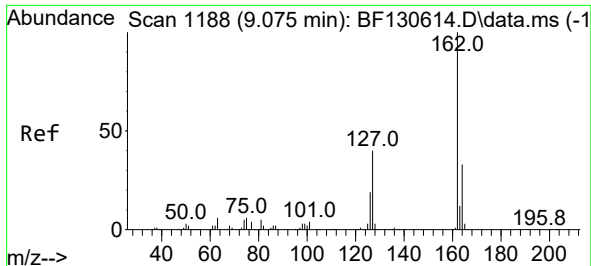
Tgt Ion:172 Resp: 472912
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 65.579 ng
RT: 9.039 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:154 Resp: 466842
Ion Ratio Lower Upper
154 100
153 41.3 20.0 60.0
76 10.3 0.0 30.8

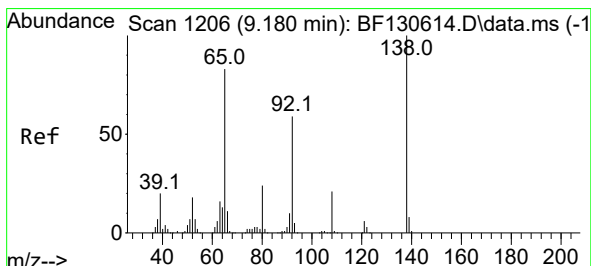
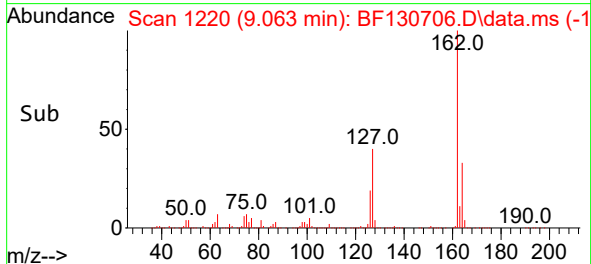
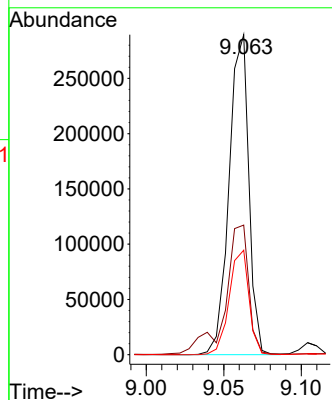
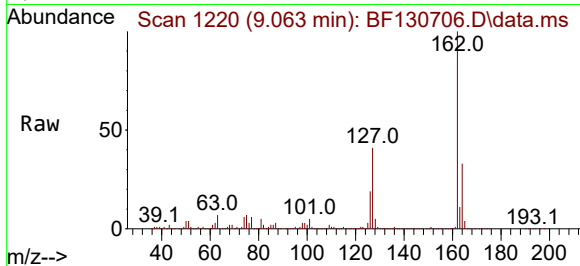




#47
2-Chloronaphthalene
Concen: 44.080 ng
RT: 9.063 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

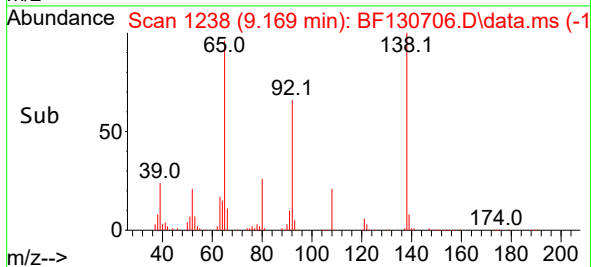
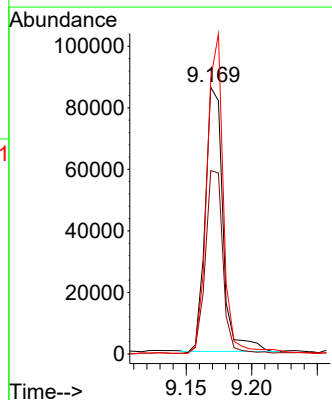
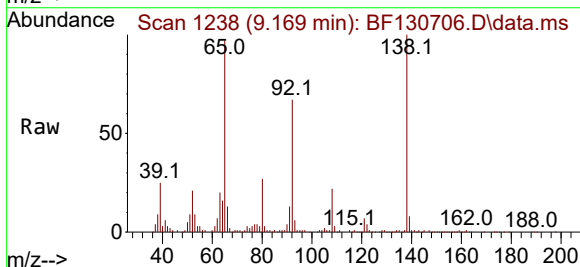
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

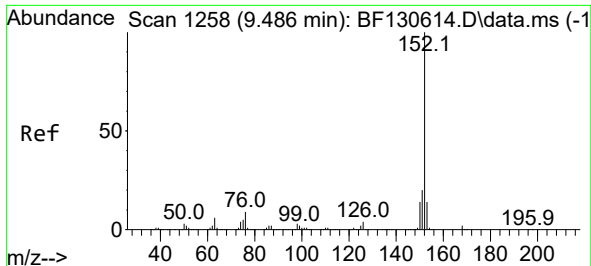
Tgt Ion:162 Resp: 256462
Ion Ratio Lower Upper
162 100
127 40.5 32.6 49.0
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 46.100 ng
RT: 9.169 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion: 65 Resp: 80740
Ion Ratio Lower Upper
65 100
92 68.8 57.4 86.0
138 103.2 96.7 145.1

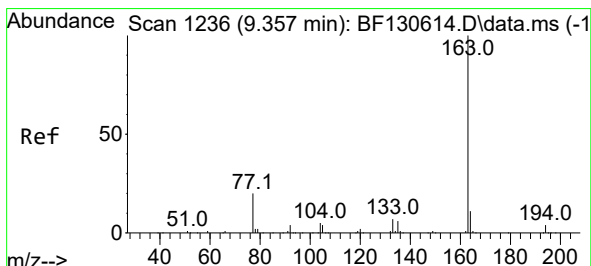
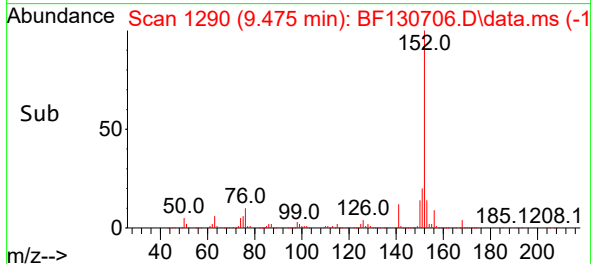
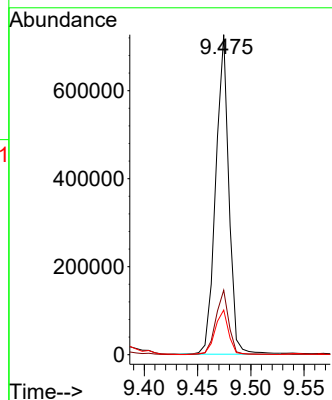
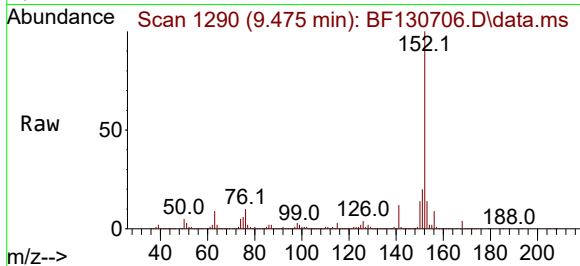




#49
Acenaphthylene
Concen: 71.384 ng
RT: 9.475 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

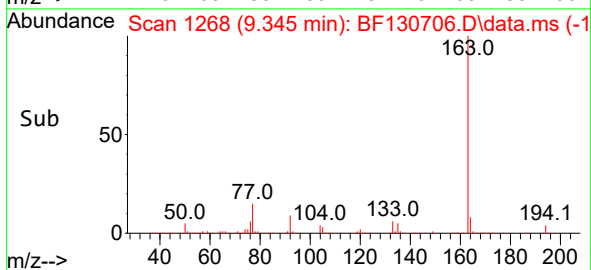
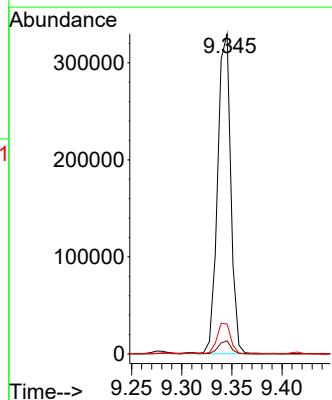
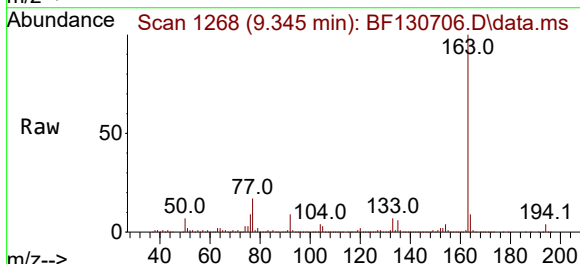
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

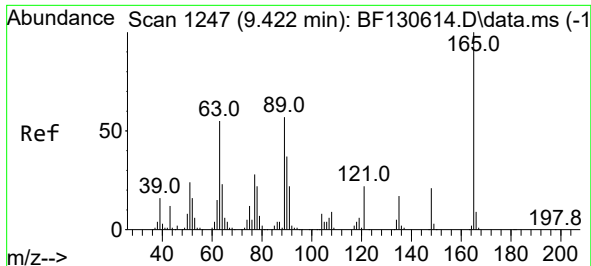
Tgt Ion:152 Resp: 622299
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.0 10.8 16.2



#50
Dimethylphthalate
Concen: 44.321 ng
RT: 9.345 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:163 Resp: 301371
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.4 8.5 12.7

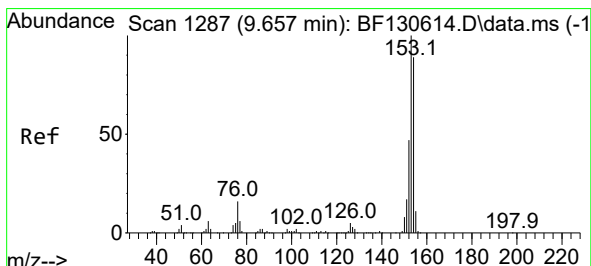
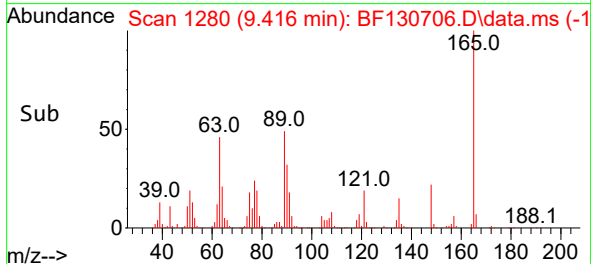
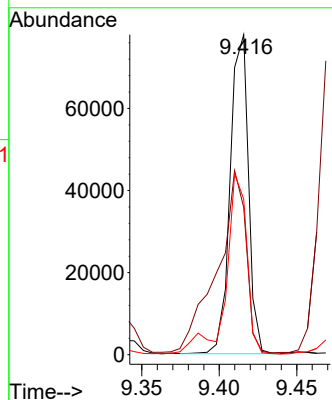
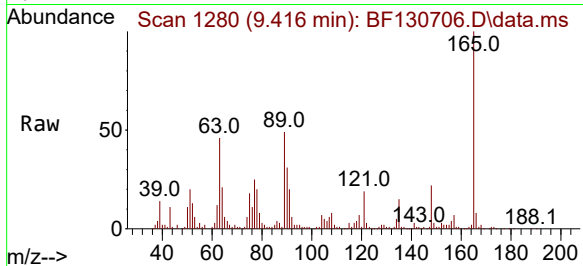




#51
2,6-Dinitrotoluene
Concen: 42.749 ng
RT: 9.416 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

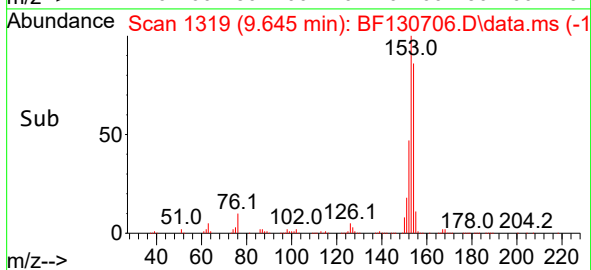
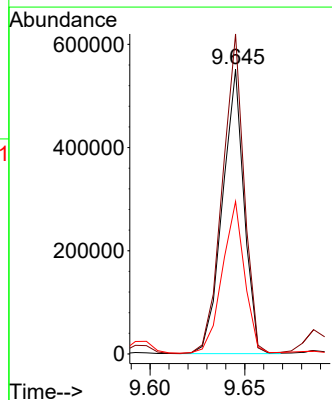
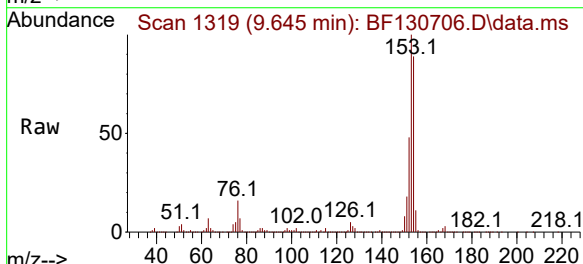
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

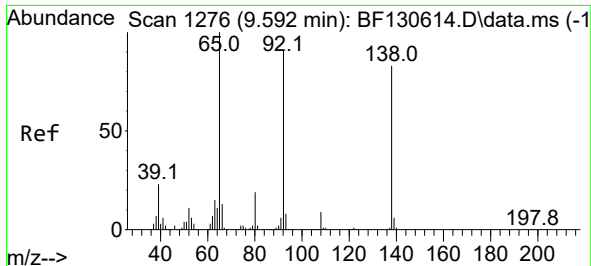
Tgt Ion:165 Resp: 63763
Ion Ratio Lower Upper
165 100
63 46.0 45.3 67.9
89 48.6 45.6 68.4



#52
Acenaphthene
Concen: 82.521 ng
RT: 9.645 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:154 Resp: 435850
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 53.6 42.4 63.6

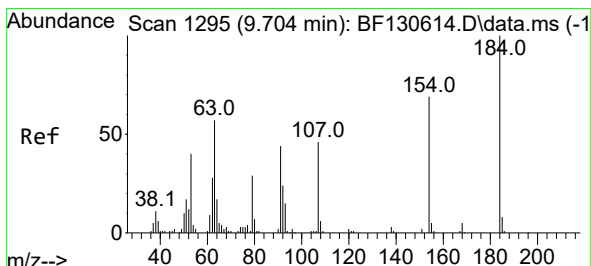
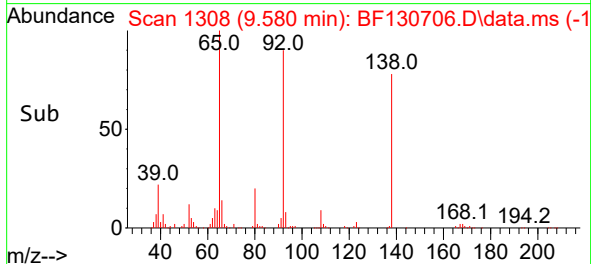
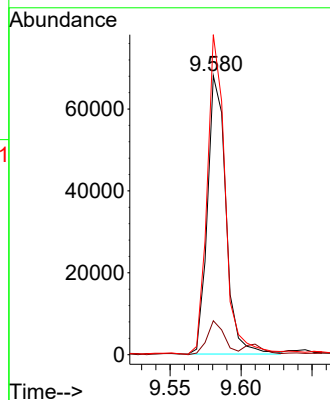
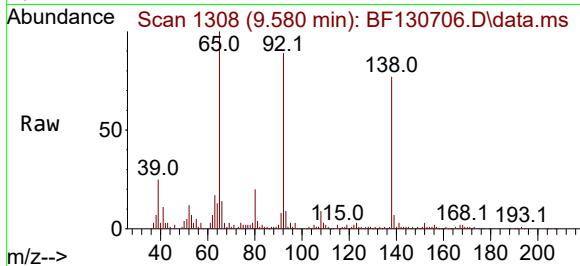




#53
3-Nitroaniline
Concen: 37.559 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

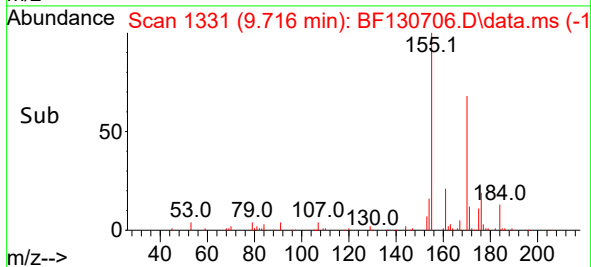
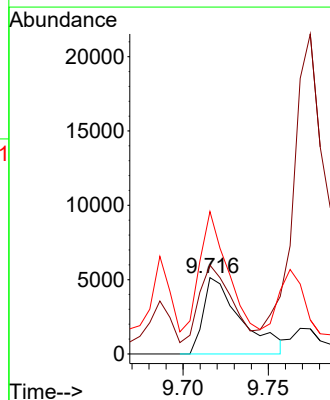
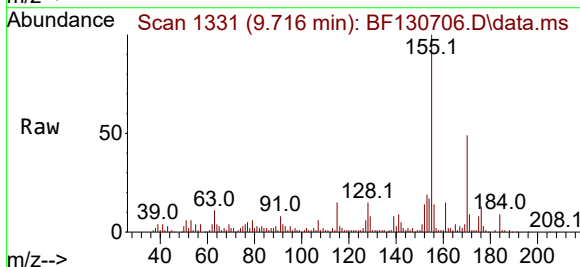
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

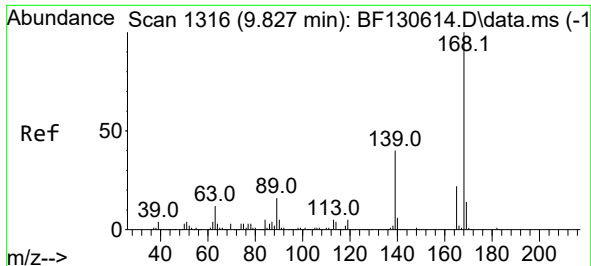
Tgt Ion:138 Resp: 61409
Ion Ratio Lower Upper
138 100
108 12.2 8.4 12.6
92 114.7 88.2 132.4



#54
2,4-Dinitrophenol
Concen: 14.715 ng
RT: 9.716 min Scan# 1331
Delta R.T. 0.018 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:184 Resp: 7895
Ion Ratio Lower Upper
184 100
63 116.4 45.5 68.3#
154 186.7 55.1 82.7#

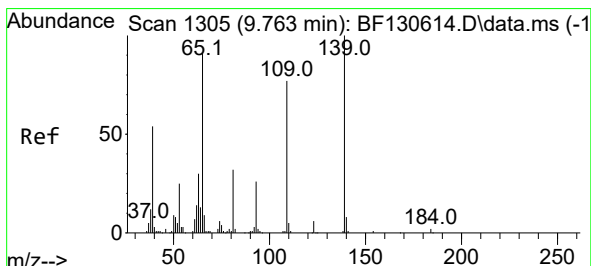
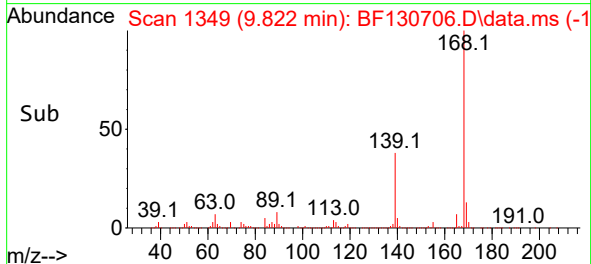
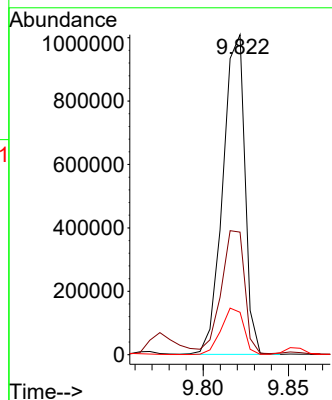
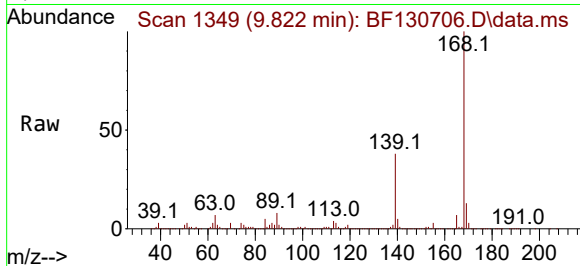




#55
Dibenzenofuran
Concen: 112.636 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

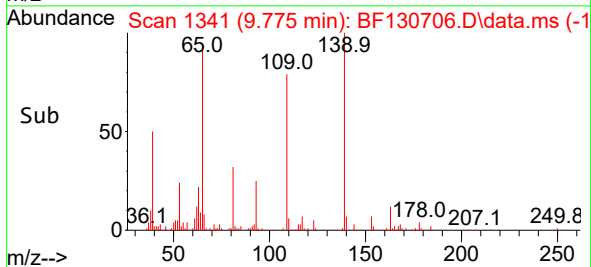
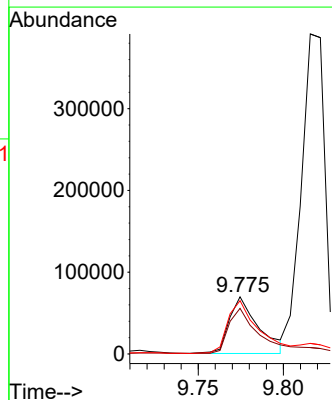
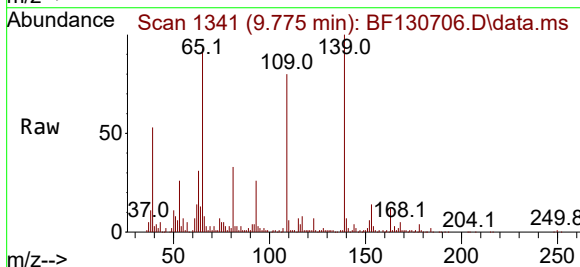
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

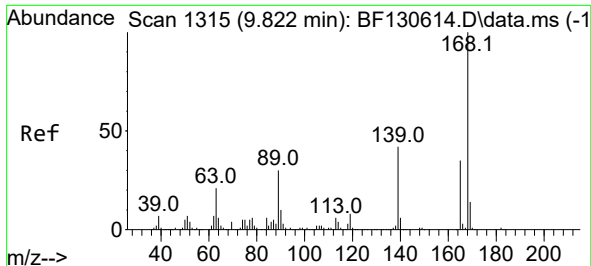
Tgt Ion:168 Resp: 906280
Ion Ratio Lower Upper
168 100
139 38.3 33.0 49.4
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 92.002 ng
RT: 9.775 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:139 Resp: 82939
Ion Ratio Lower Upper
139 100
109 79.8 57.4 97.4
65 93.2 71.3 111.3

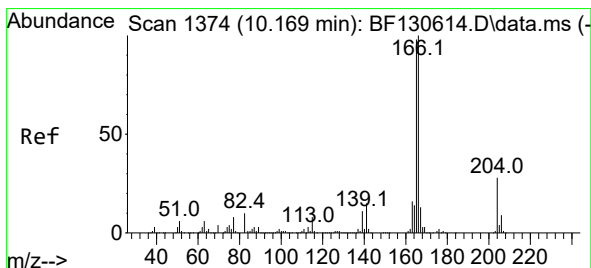
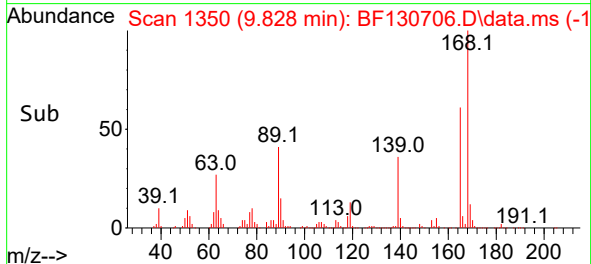
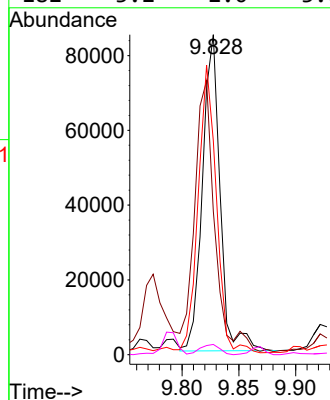
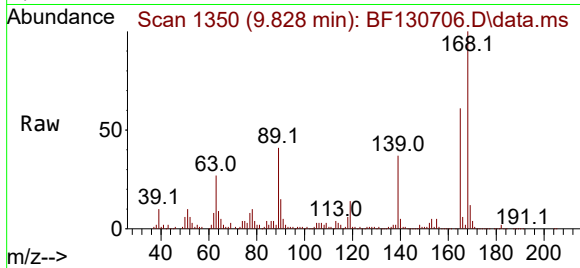




#57
2,4-Dinitrotoluene
Concen: 47.668 ng
RT: 9.828 min Scan# 1407
Delta R.T. 0.012 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

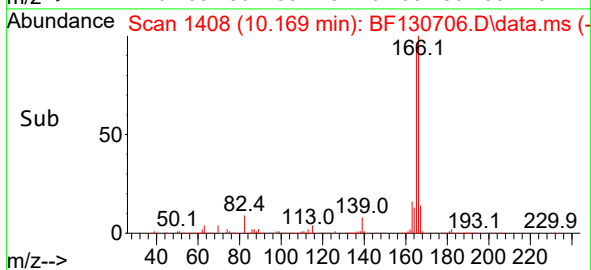
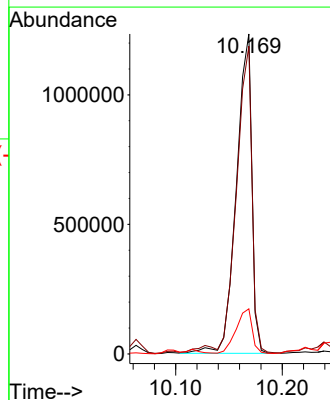
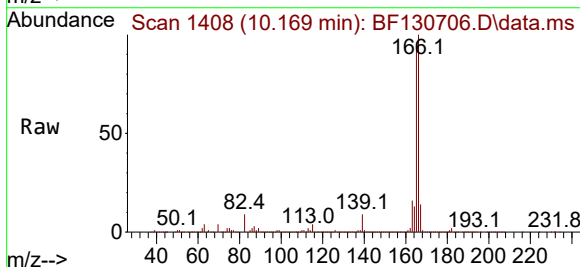
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

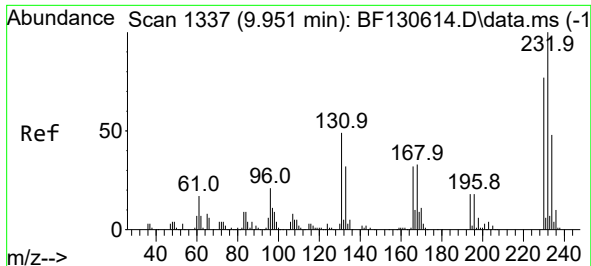
Tgt Ion:165 Resp: 91378
Ion Ratio Lower Upper
165 100
63 44.9 50.6 76.0#
89 66.9 68.6 102.8#
182 3.2 2.0 3.0#



#58
Fluorene
Concen: 187.235 ng
RT: 10.169 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:166 Resp: 1238554
Ion Ratio Lower Upper
166 100
165 96.1 78.2 117.4
167 14.1 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.188 ng

RT: 9.945 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

Tgt Ion:232 Resp: 67756

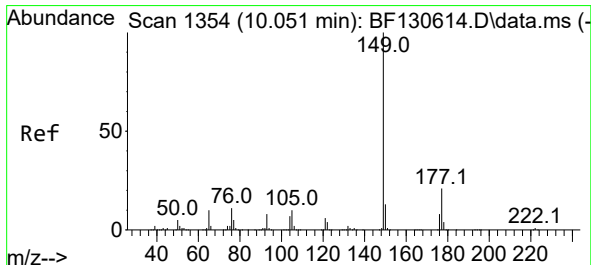
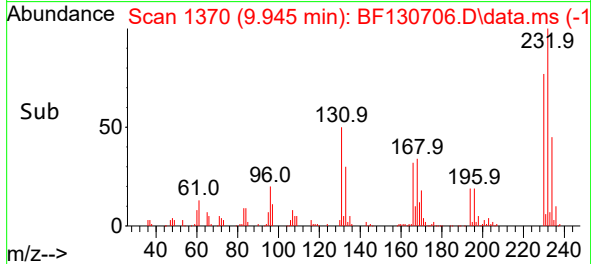
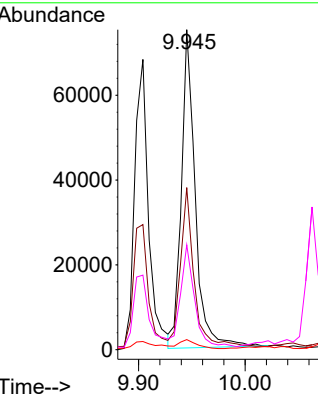
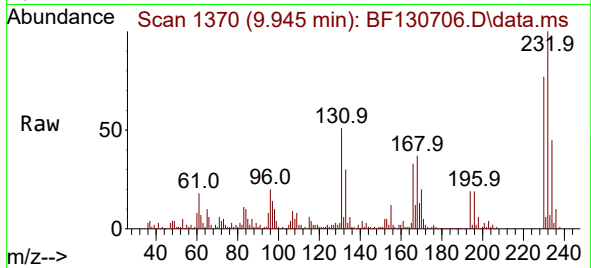
Ion Ratio Lower Upper

232 100

131 49.2 41.4 62.0

130 3.3 2.1 3.1#

166 0.0 26.0 39.0#



#60

Diethylphthalate

Concen: 42.682 ng

RT: 10.045 min Scan# 1387

Delta R.T. 0.006 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

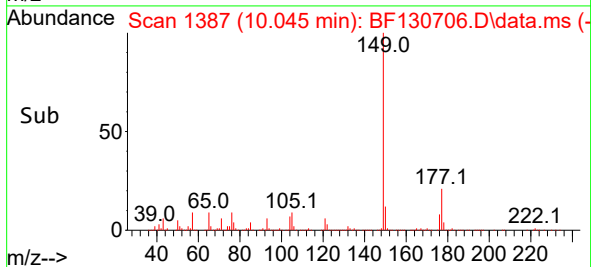
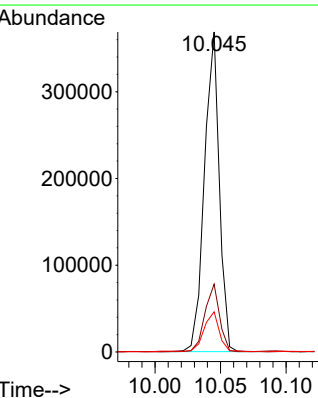
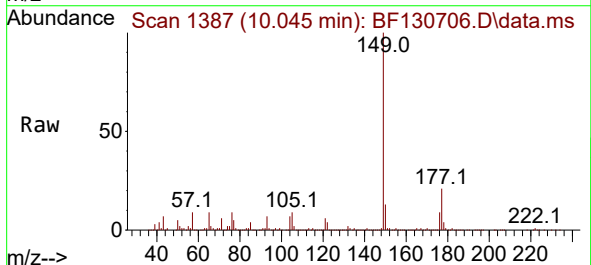
Tgt Ion:149 Resp: 289573

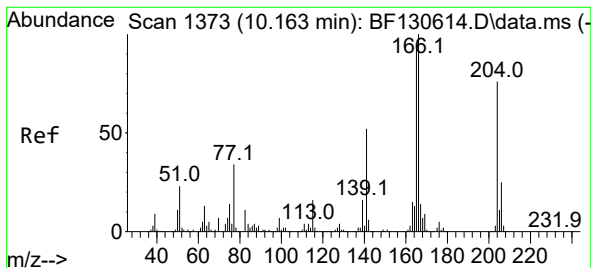
Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

150 12.6 10.5 15.7

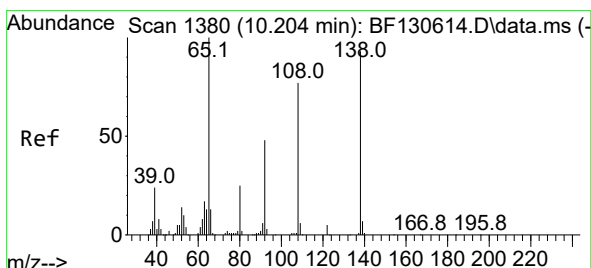
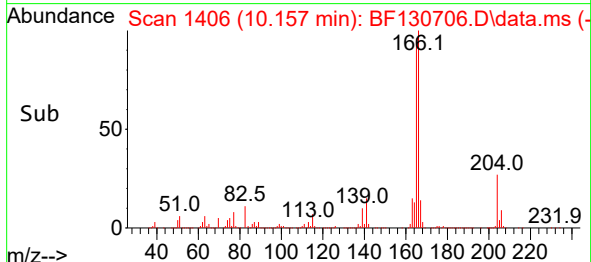
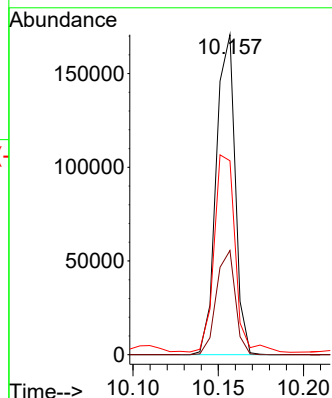
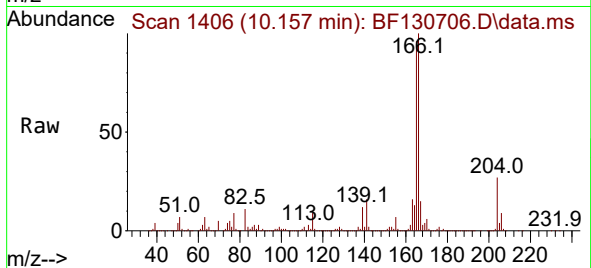




#61
4-Chlorophenyl-phenylether
Concen: 44.189 ng
RT: 10.157 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

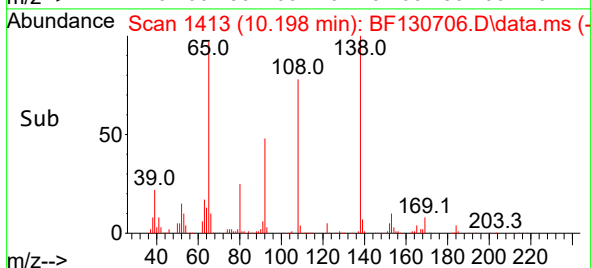
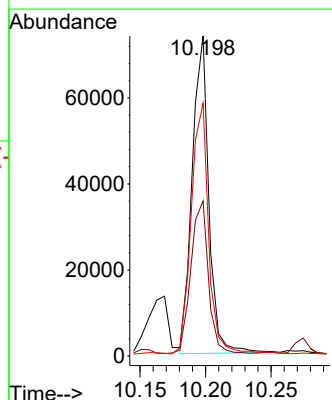
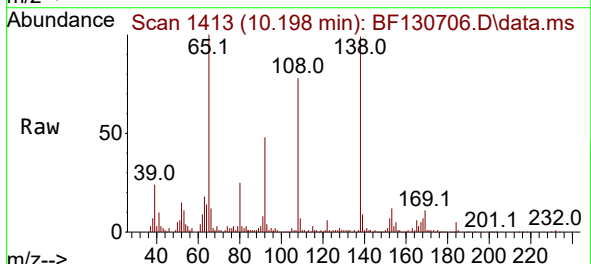
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

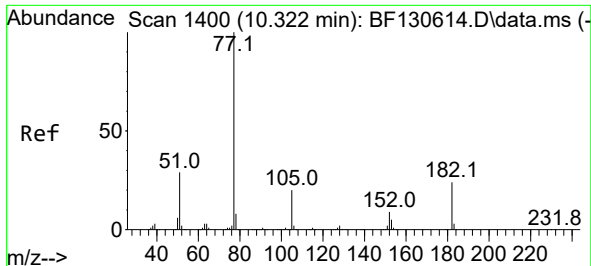
Tgt Ion:204 Resp: 132154
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 60.6 54.6 81.8



#62
4-Nitroaniline
Concen: 41.753 ng
RT: 10.198 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:138 Resp: 65177
Ion Ratio Lower Upper
138 100
92 48.5 31.1 71.1
108 79.0 62.1 102.1

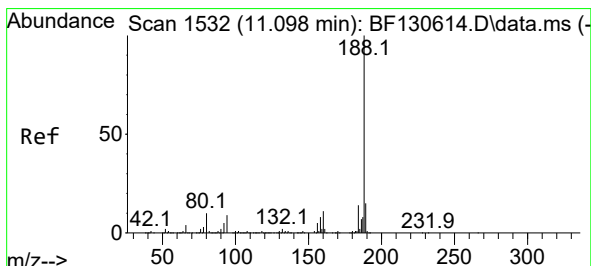
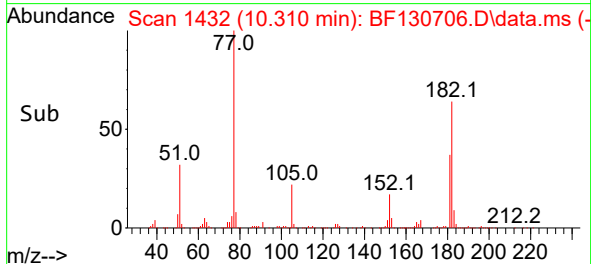
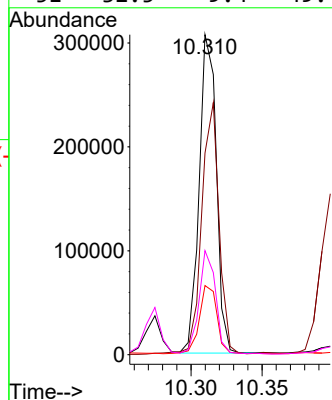
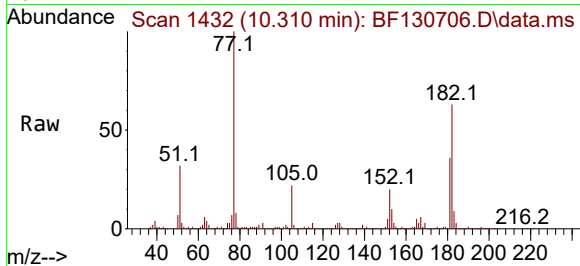




#63
Azobenzene
Concen: 40.487 ng
RT: 10.310 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

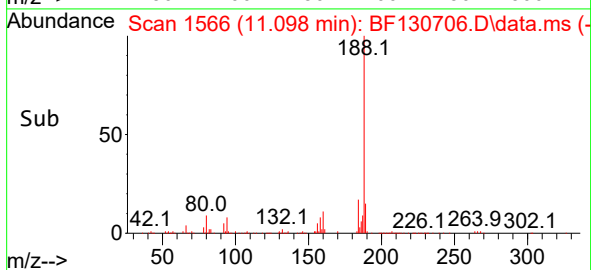
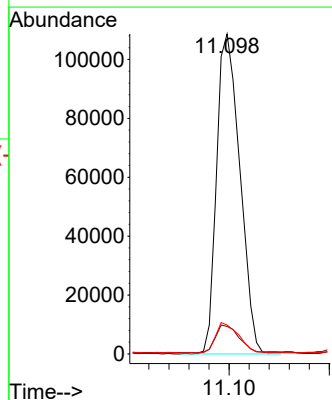
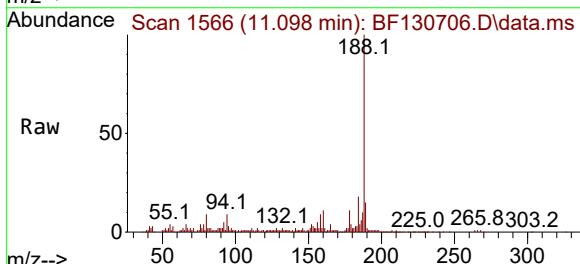
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

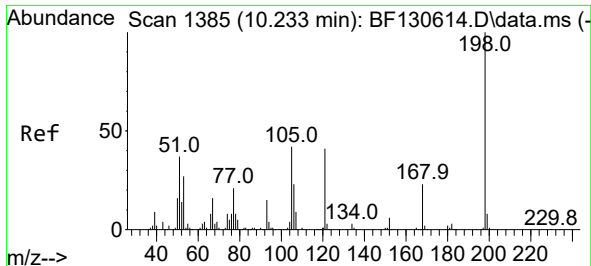
Tgt Ion: 77 Resp: 258708
Ion Ratio Lower Upper
77 100
182 63.0 3.8 43.8#
105 21.6 0.3 40.3
51 32.5 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1566
Delta R.T. 0.012 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:188 Resp: 174895
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.0 8.0 12.0

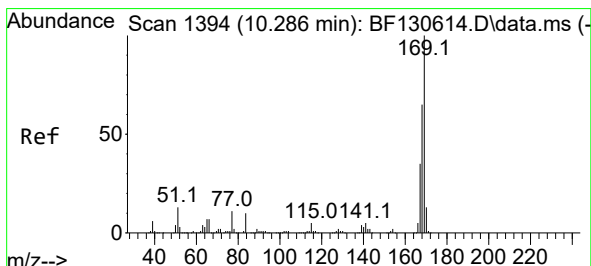
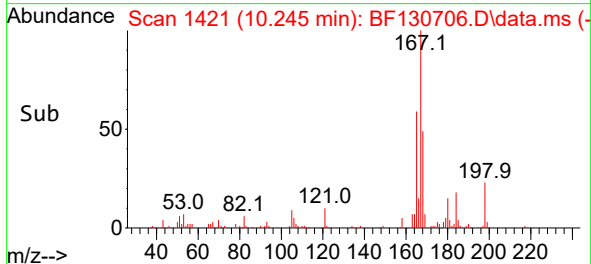
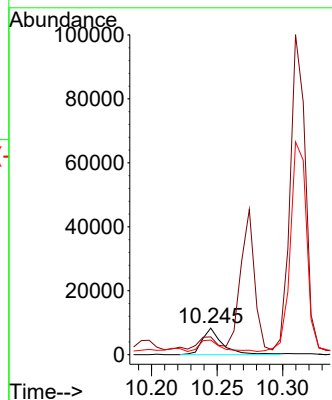
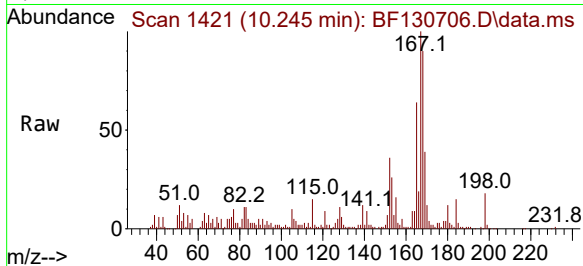




#65
4,6-Dinitro-2-methylphenol
Concen: 8.164 ng
RT: 10.245 min Scan# 1421
Delta R.T. 0.023 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

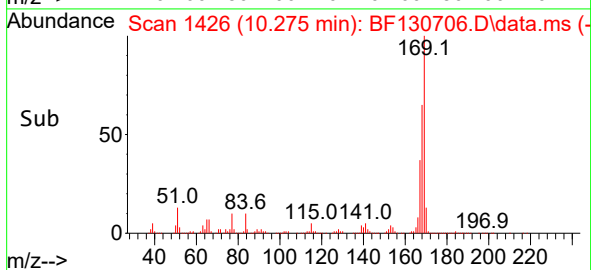
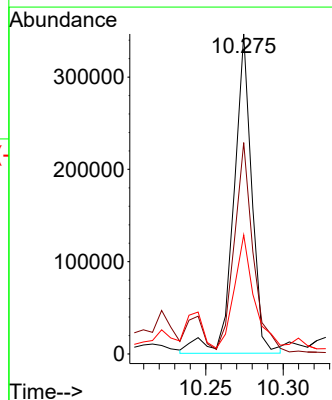
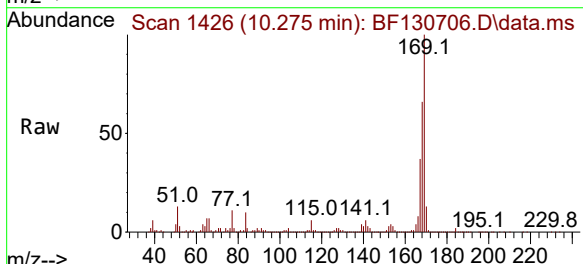
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

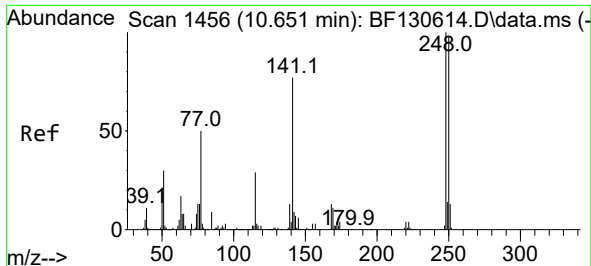
Tgt Ion:198 Resp: 8923
Ion Ratio Lower Upper
198 100
51 67.1 18.7 58.7#
105 54.7 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 48.238 ng
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:169 Resp: 280635
Ion Ratio Lower Upper
169 100
168 66.1 52.2 78.4
167 37.2 28.3 42.5

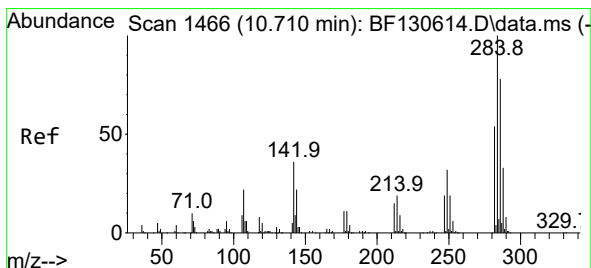
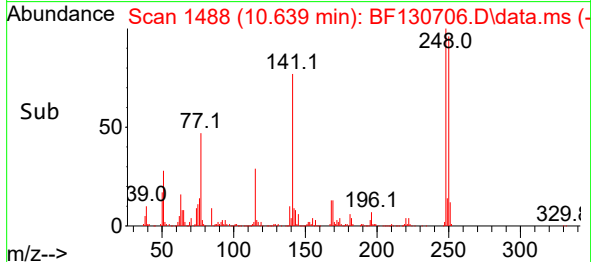
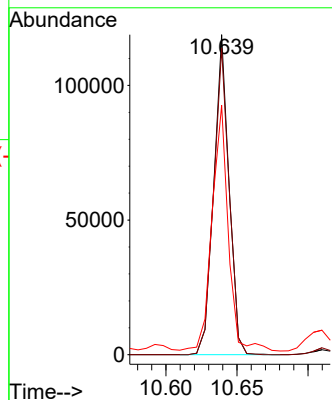
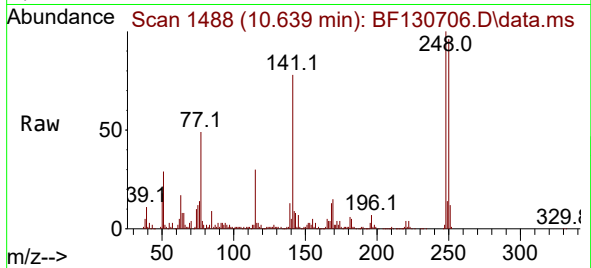




#67
4-Bromophenyl-phenylether
Concen: 44.956 ng
RT: 10.639 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

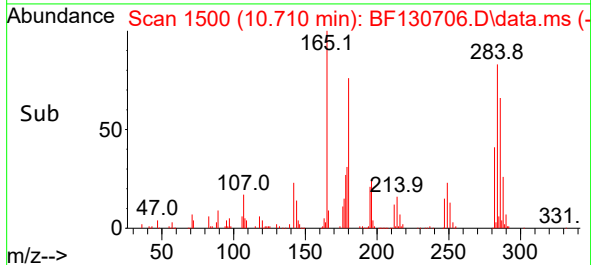
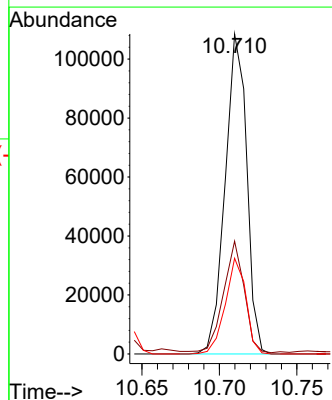
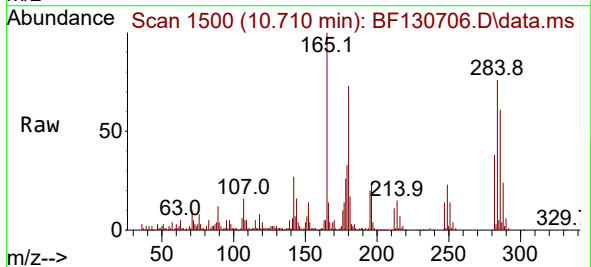
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

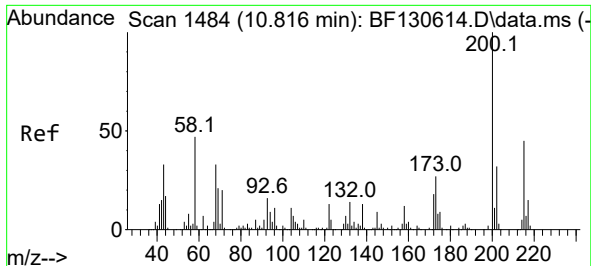
Tgt Ion:248 Resp: 88964
Ion Ratio Lower Upper
248 100
250 95.7 78.7 118.1
141 77.9 61.6 92.4



#68
Hexachlorobenzene
Concen: 46.945 ng
RT: 10.710 min Scan# 1500
Delta R.T. 0.012 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:284 Resp: 105017
Ion Ratio Lower Upper
284 100
142 35.3 28.6 42.8
249 29.9 25.2 37.8

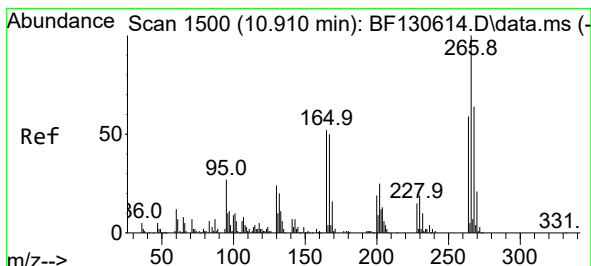
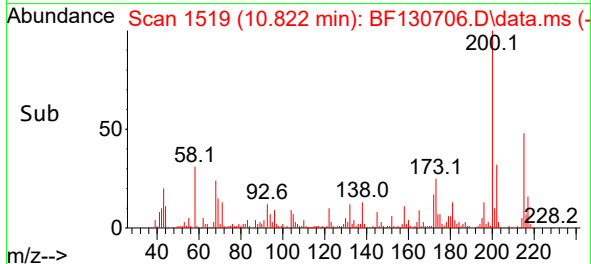
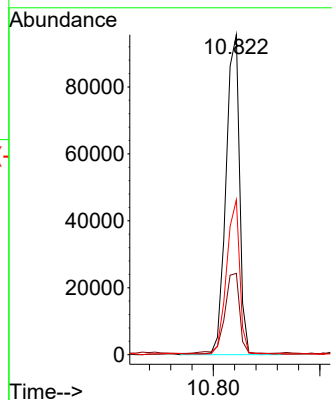
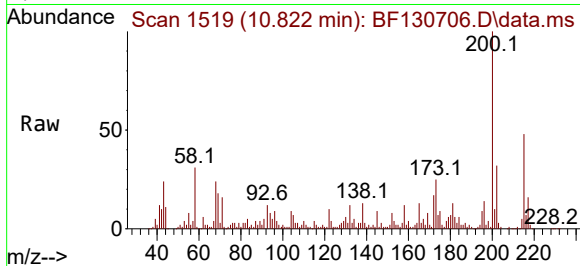




#69
 Atrazine
 Concen: 53.462 ng
 RT: 10.822 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF130706.D
 Acq: 18 Oct 2022 19:24

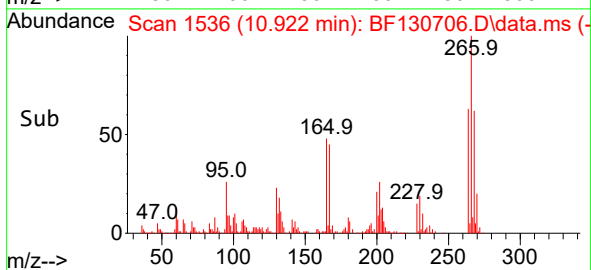
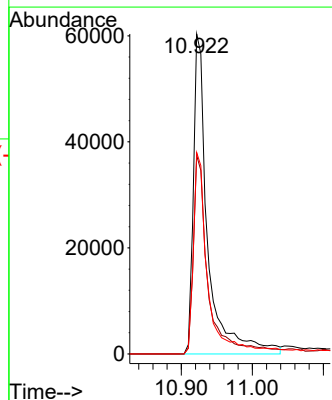
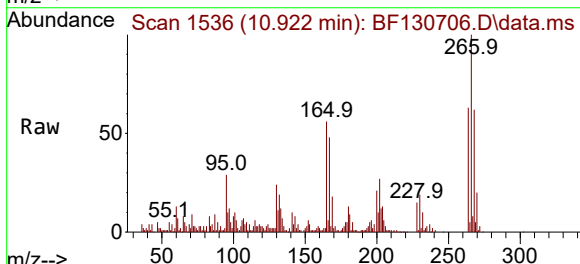
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722MSD

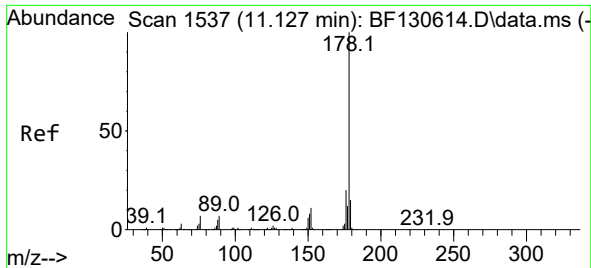
Tgt Ion:200 Resp: 84694
 Ion Ratio Lower Upper
 200 100
 173 25.4 7.1 47.1
 215 48.4 24.9 64.9



#70
 Pentachlorophenol
 Concen: 98.666 ng
 RT: 10.922 min Scan# 1536
 Delta R.T. 0.018 min
 Lab File: BF130706.D
 Acq: 18 Oct 2022 19:24

Tgt Ion:266 Resp: 85903
 Ion Ratio Lower Upper
 266 100
 268 62.0 50.8 76.2
 264 63.0 47.5 71.3

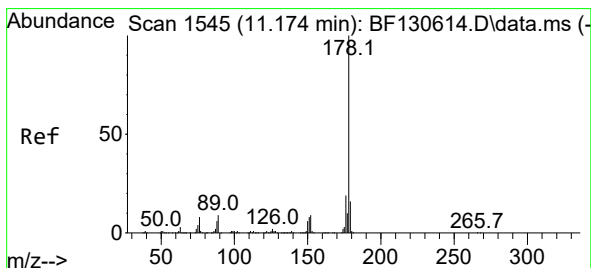
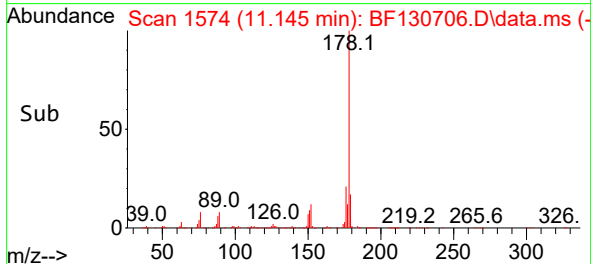
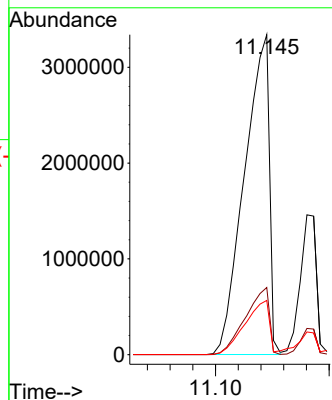
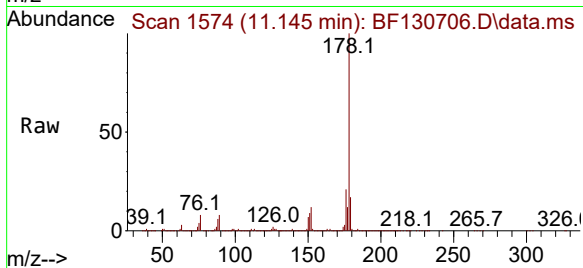




#71
Phenanthrene
Concen: 522.040 ng
RT: 11.145 min Scan# 1574
Delta R.T. 0.035 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

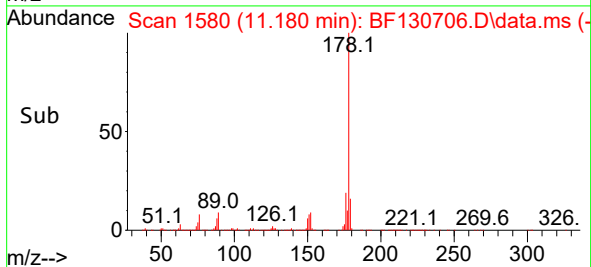
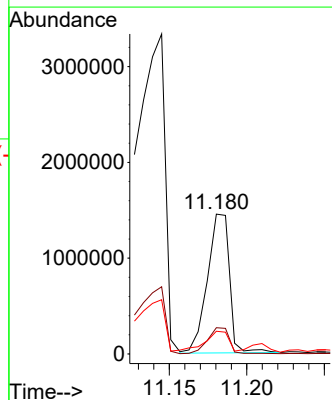
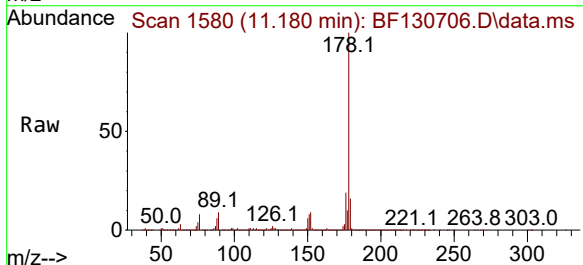
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

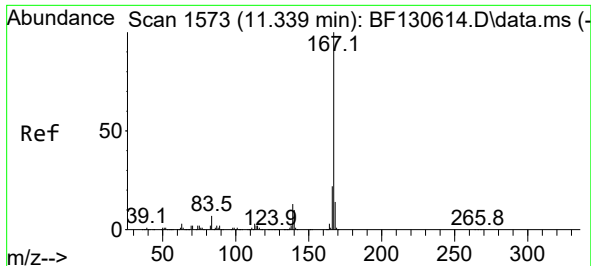
Tgt Ion:178 Resp: 5058467
Ion Ratio Lower Upper
178 100
176 21.0 15.7 23.5
179 17.0 12.2 18.4



#72
Anthracene
Concen: 152.050 ng
RT: 11.180 min Scan# 1580
Delta R.T. 0.018 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:178 Resp: 1438921
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 16.3 12.5 18.7

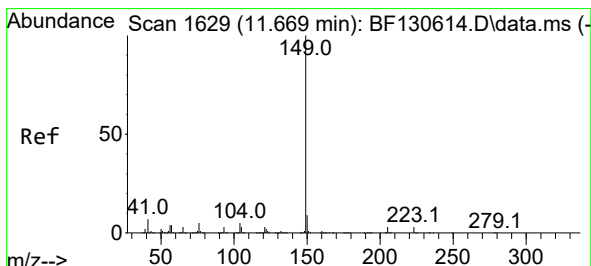
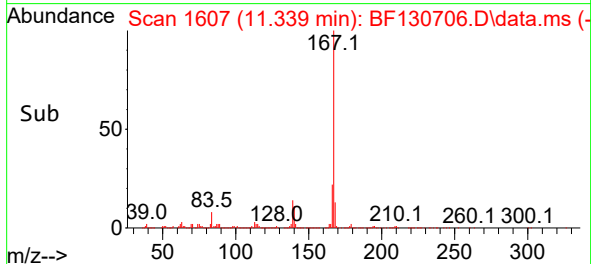
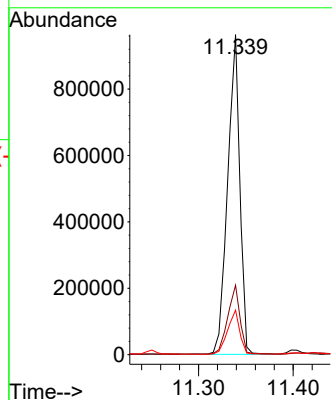
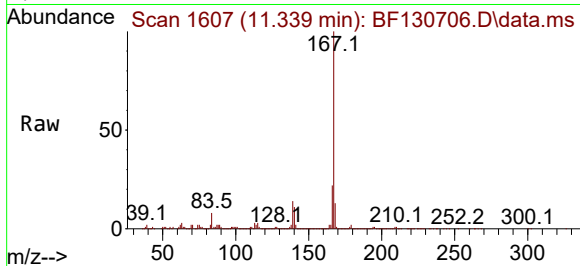




#73
 Carbazole
 Concen: 102.496 ng
 RT: 11.339 min Scan# 1
 Delta R.T. 0.012 min
 Lab File: BF130706.D
 Acq: 18 Oct 2022 19:24

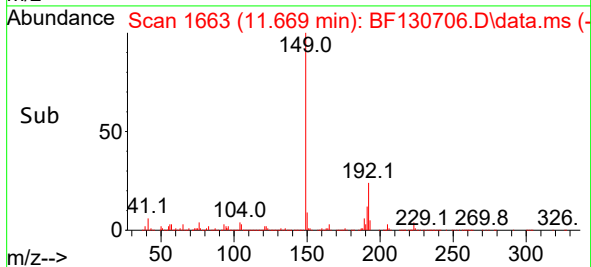
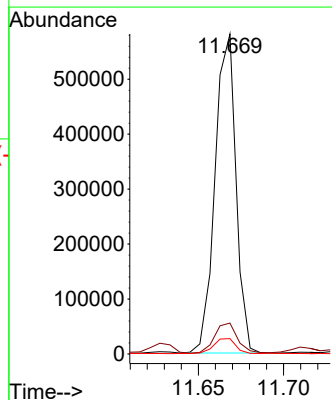
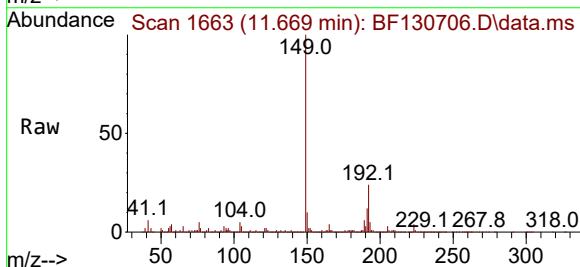
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722MSD

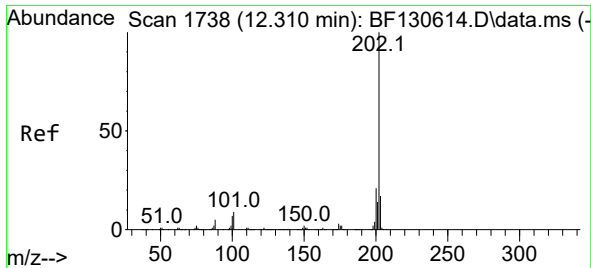
Tgt Ion:167 Resp: 865520
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.9 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 48.521 ng
 RT: 11.669 min Scan# 1663
 Delta R.T. 0.012 min
 Lab File: BF130706.D
 Acq: 18 Oct 2022 19:24

Tgt Ion:149 Resp: 496324
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 4.8 4.2 6.2

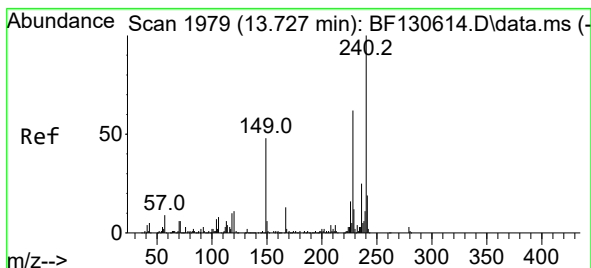
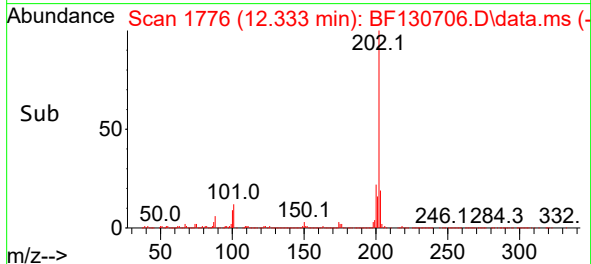
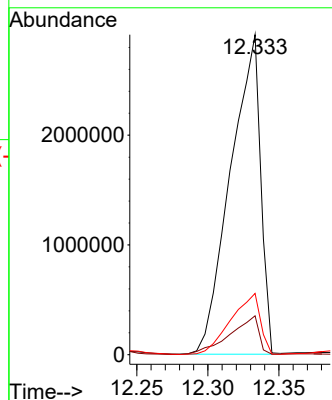
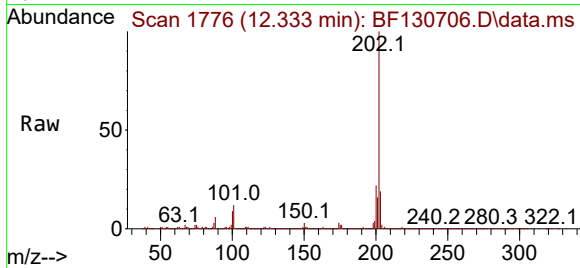




#75
Fluoranthene
Concen: 459.826 ng
RT: 12.333 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

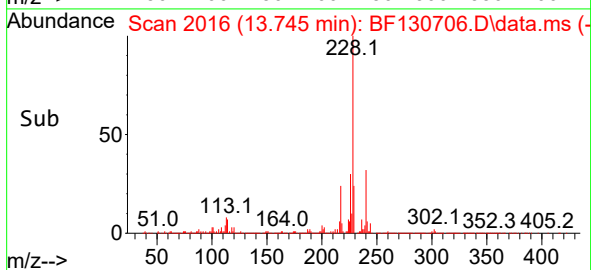
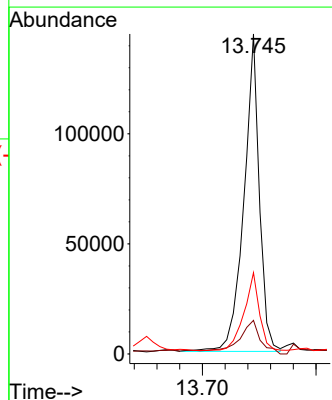
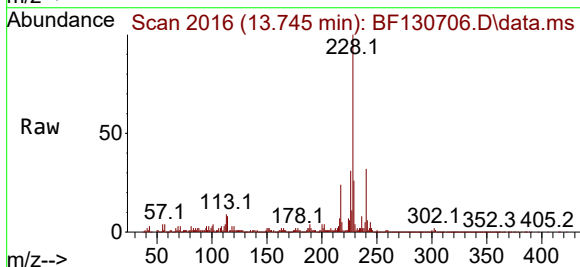
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

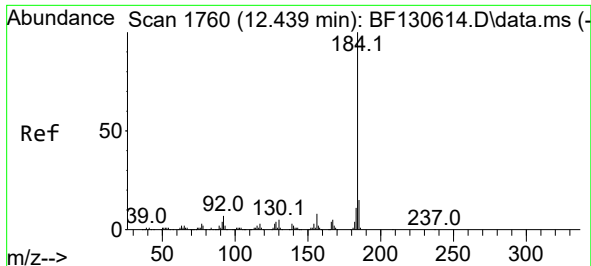
Tgt Ion:202 Resp: 4282299
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.1
203 19.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.745 min Scan# 2016
Delta R.T. 0.023 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:240 Resp: 135681
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 25.4 20.2 30.4

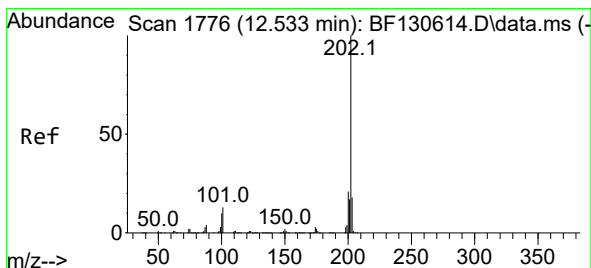
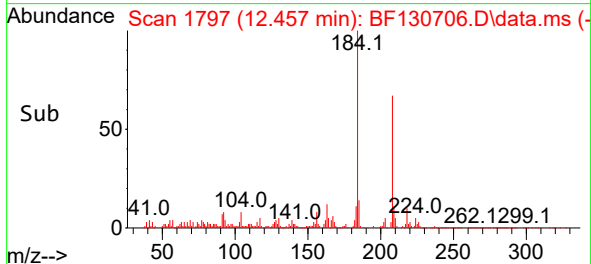
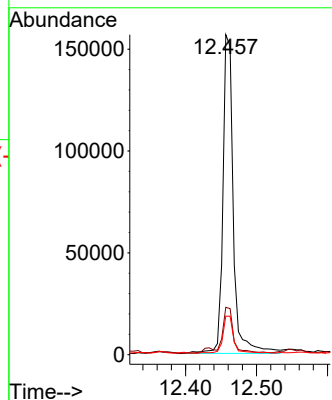
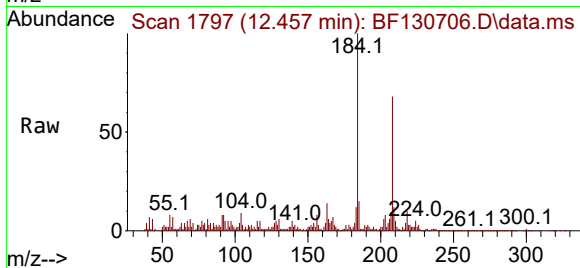




#77
Benzidine
Concen: 46.298 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

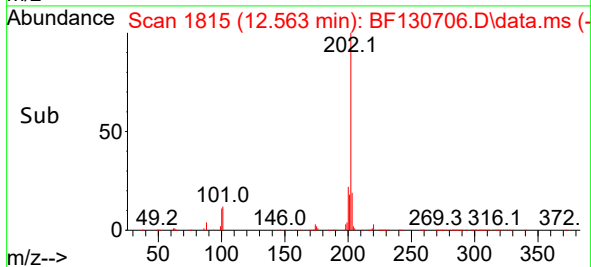
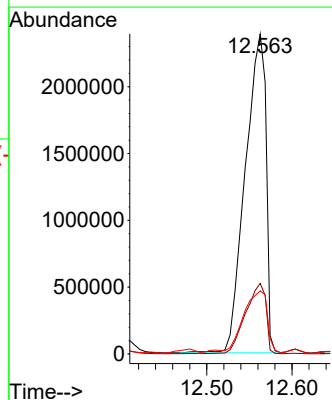
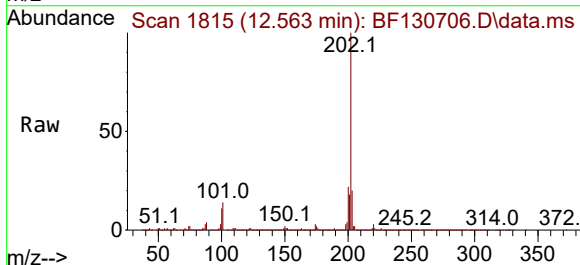
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

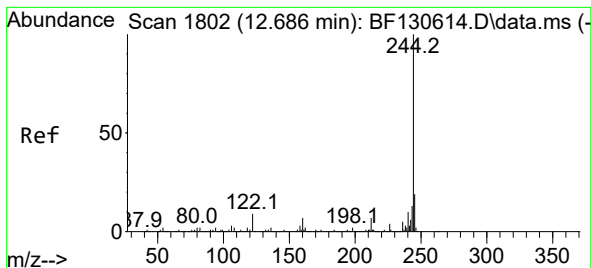
Tgt Ion:184 Resp: 158779
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 12.1 9.0 13.4



#78
Pyrene
Concen: 344.764 ng
RT: 12.563 min Scan# 1815
Delta R.T. 0.041 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:202 Resp: 4035564
Ion Ratio Lower Upper
202 100
200 22.1 16.7 25.1
203 19.7 14.0 21.0





#79

Terphenyl-d14

Concen: 73.931 ng

RT: 12.686 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

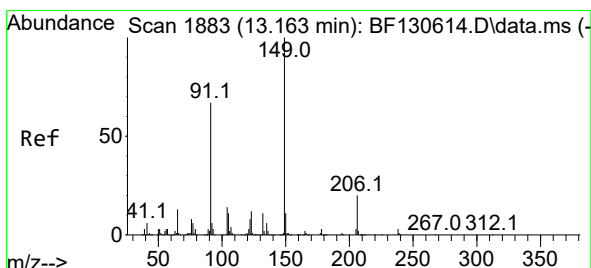
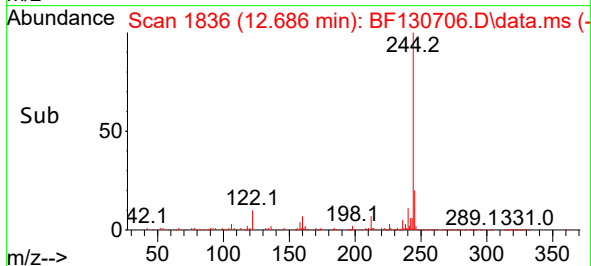
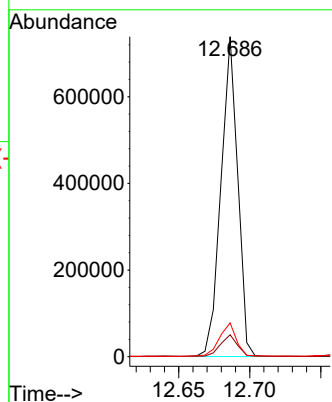
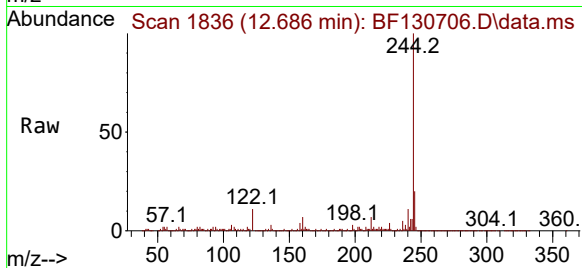
Tgt Ion:244 Resp: 604377

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.6 7.5 11.3



#80

Butylbenzylphthalate

Concen: 52.320 ng

RT: 13.163 min Scan# 1917

Delta R.T. 0.012 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

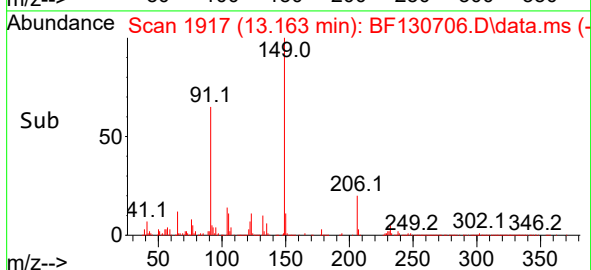
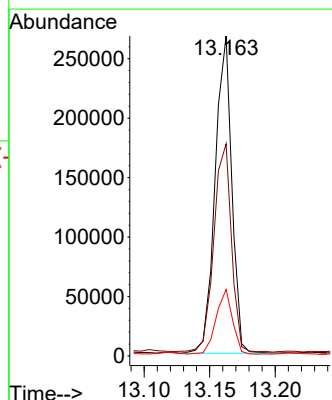
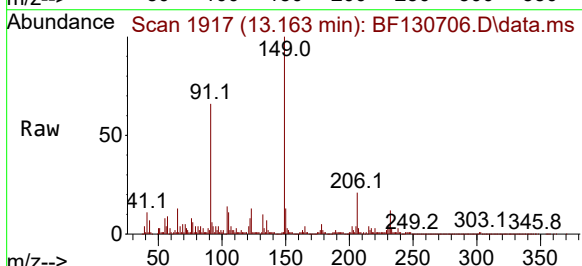
Tgt Ion:149 Resp: 235494

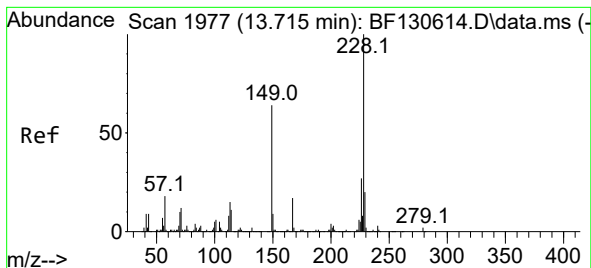
Ion Ratio Lower Upper

149 100

91 66.3 53.8 80.8

206 20.8 15.8 23.6





#81

Benzo(a)anthracene

Concen: 207.209 ng

RT: 13.733 min Scan# 2008

Delta R.T. 0.023 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

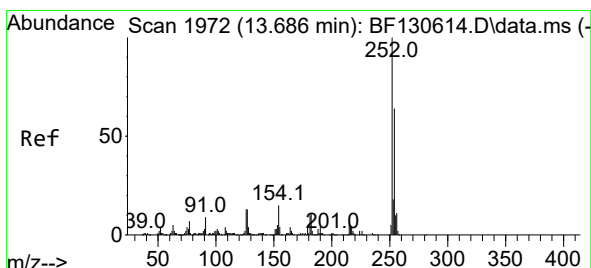
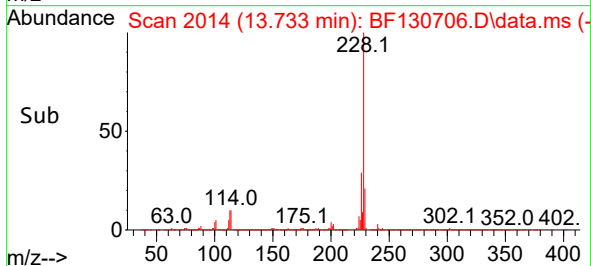
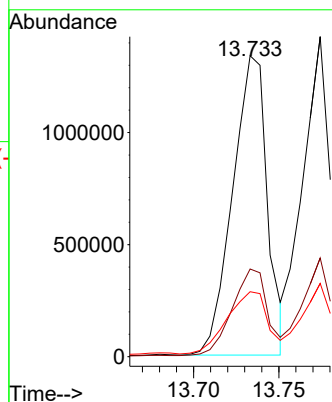
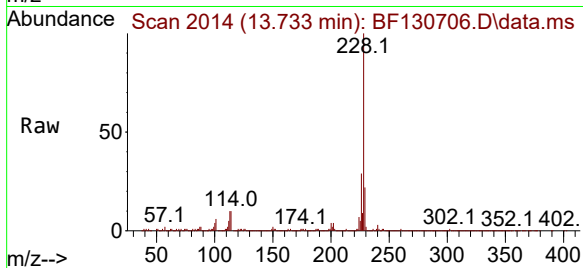
Tgt Ion:228 Resp: 1894377

Ion Ratio Lower Upper

228 100

226 29.1 21.4 32.2

229 21.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.807 ng

RT: 13.698 min Scan# 2008

Delta R.T. 0.018 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

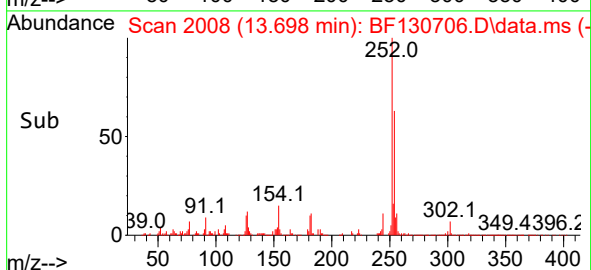
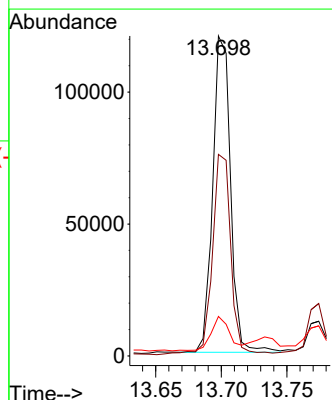
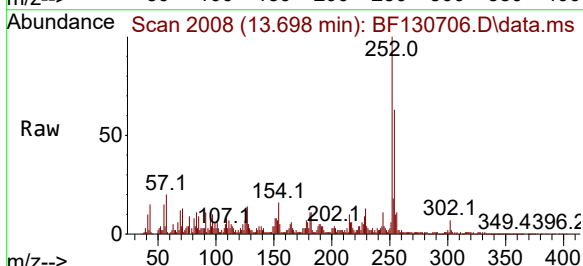
Tgt Ion:252 Resp: 113092

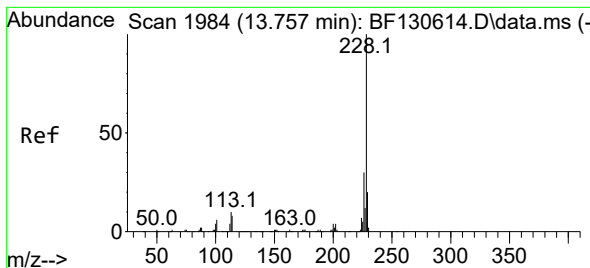
Ion Ratio Lower Upper

252 100

254 63.0 50.9 76.3

126 12.4 10.2 15.4





#83

Chrysene

Concen: 178.327 ng

RT: 13.774 min Scan# 2012

Delta R.T. 0.029 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

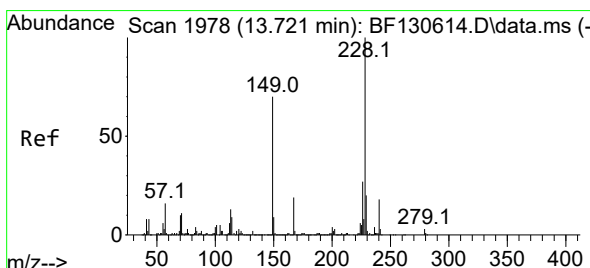
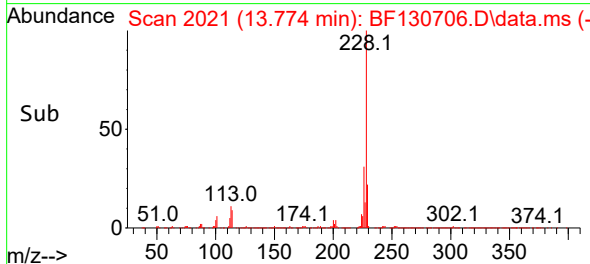
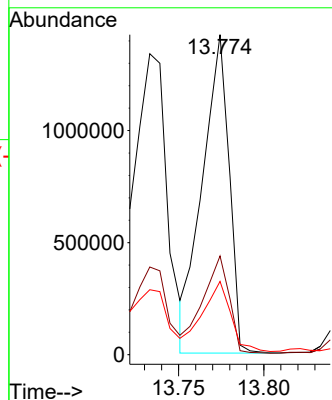
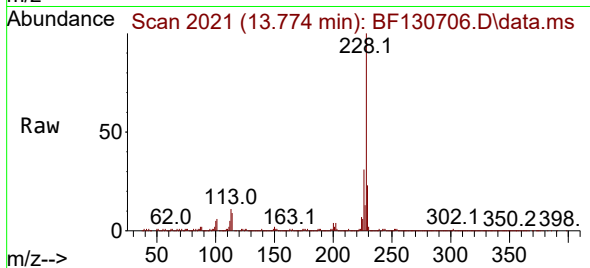
BNA_F

ClientSampleId :

BU-02-101722MSD

Tgt Ion:228 Resp: 1545764

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	22.9	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.403 ng

RT: 13.721 min Scan# 2012

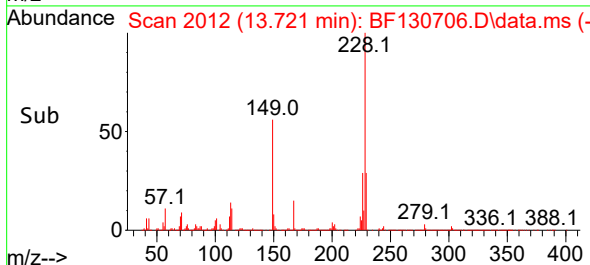
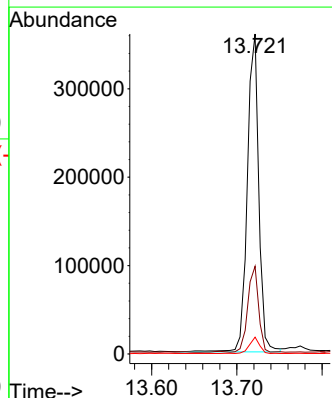
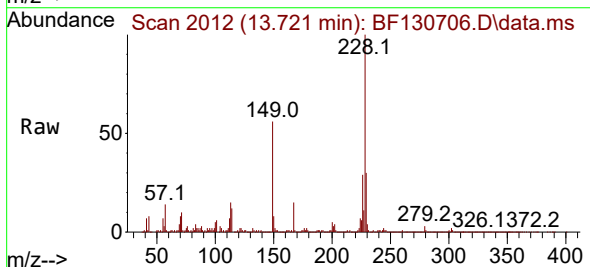
Delta R.T. 0.012 min

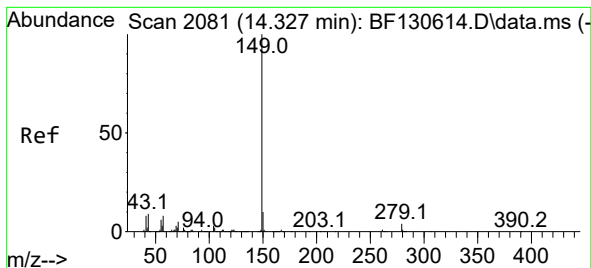
Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Tgt Ion:149 Resp: 335056

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	5.2	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 57.367 ng

RT: 14.327 min Scan# 2115

Delta R.T. 0.012 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

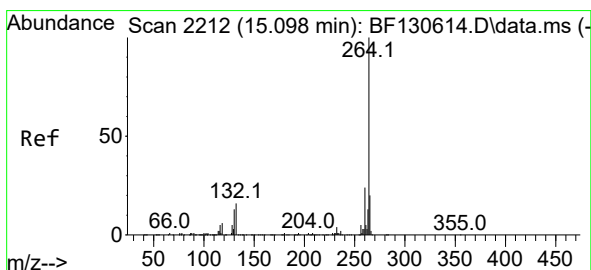
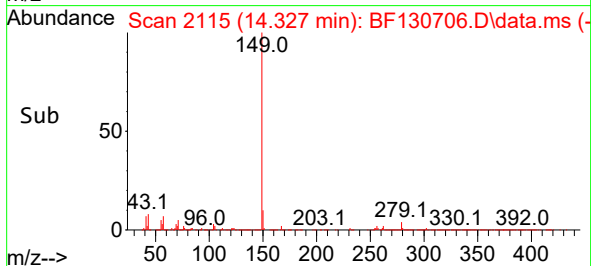
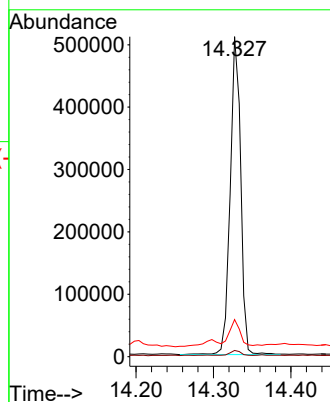
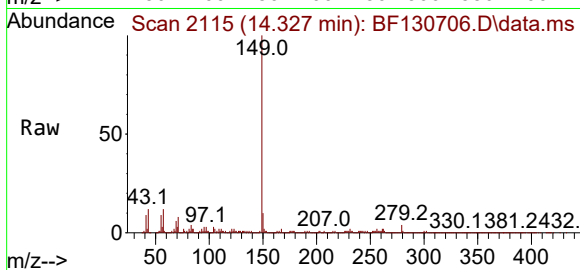
Tgt Ion:149 Resp: 479409

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.8 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.115 min Scan# 2249

Delta R.T. 0.029 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

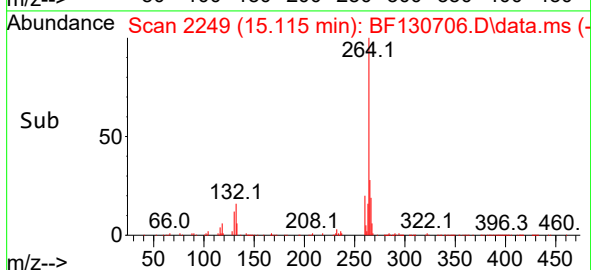
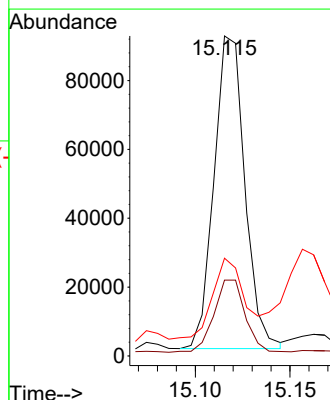
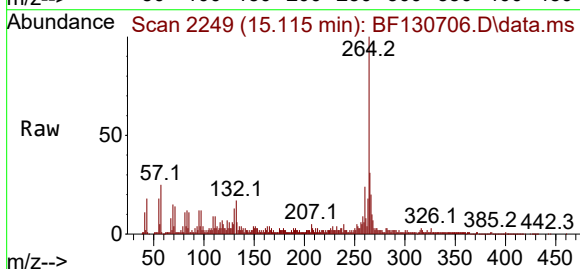
Tgt Ion:264 Resp: 102838

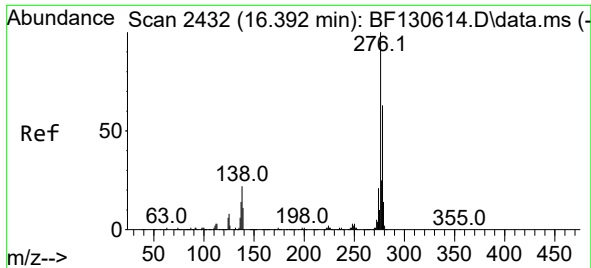
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 30.5 16.4 24.6#

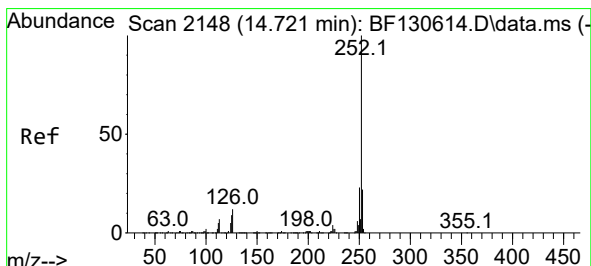
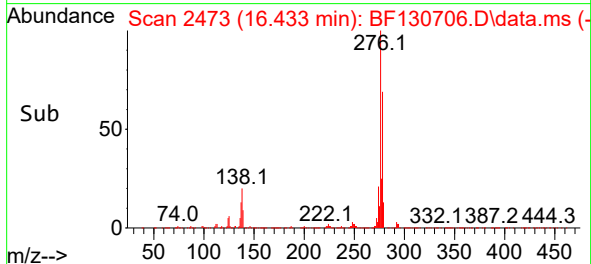
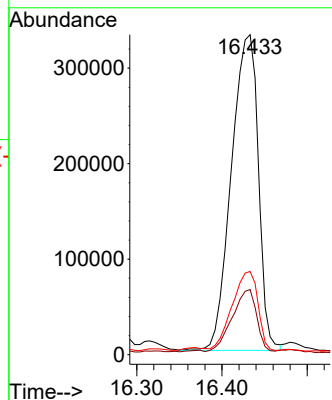
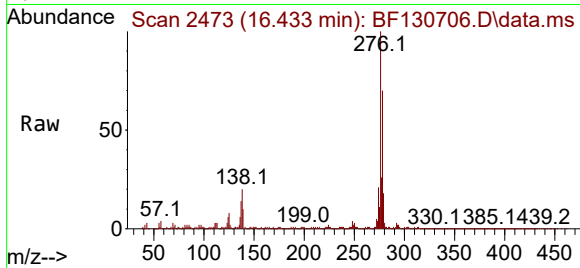




#87
Indeno(1,2,3-cd)pyrene
Concen: 94.433 ng
RT: 16.433 min Scan# 2432
Delta R.T. 0.053 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

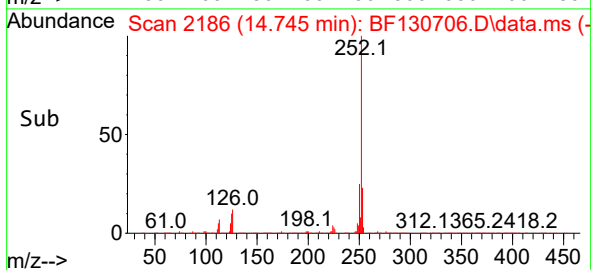
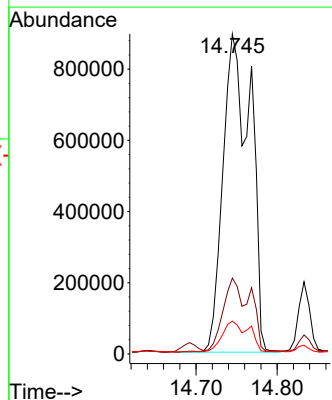
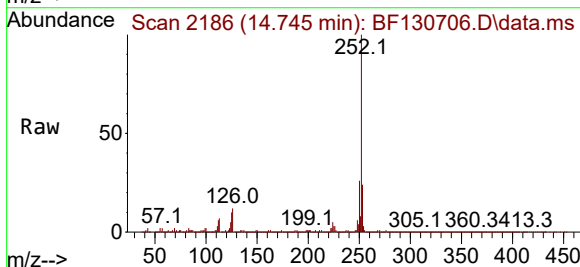
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

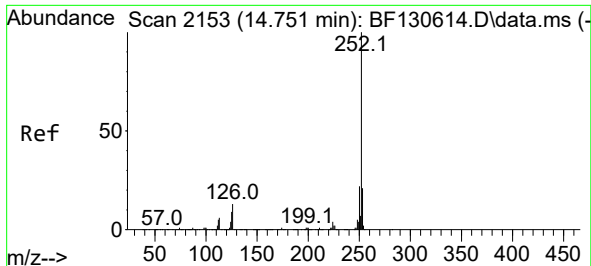
Tgt Ion:276 Resp: 726855
Ion Ratio Lower Upper
276 100
138 17.7 18.0 27.0#
277 23.7 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 323.081 ng
RT: 14.745 min Scan# 2186
Delta R.T. 0.029 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:252 Resp: 2103877
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 10.3 7.4 11.0

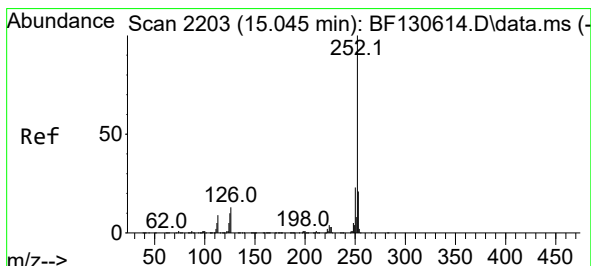
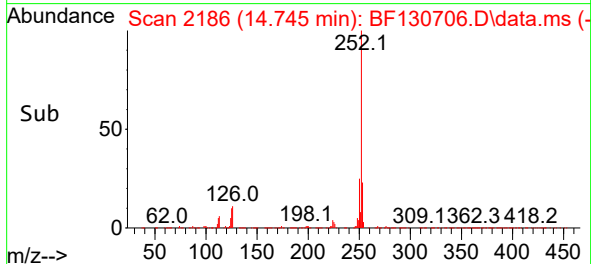
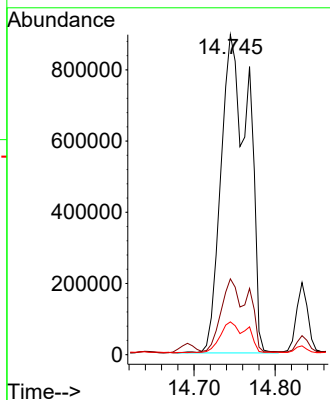
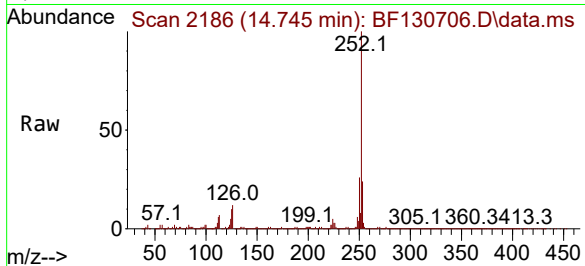




#89
Benzo(k)fluoranthene
Concen: 317.299 ng
RT: 14.745 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

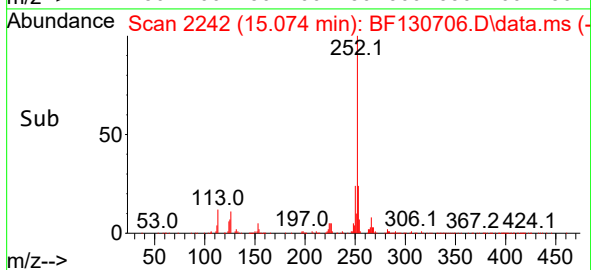
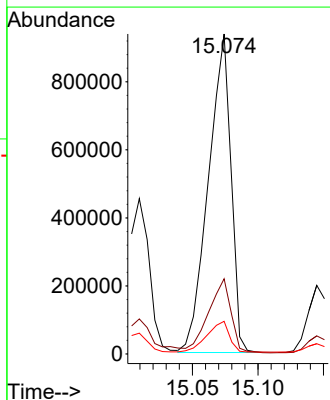
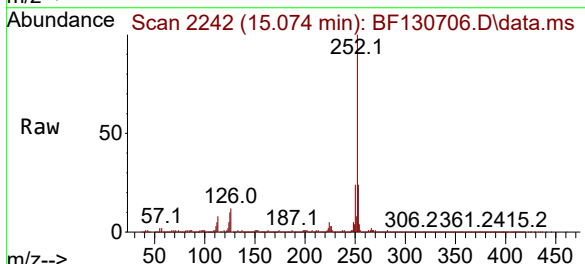
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

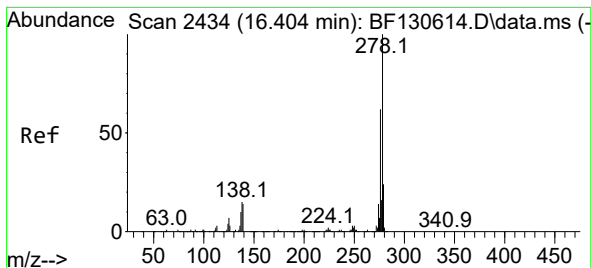
Tgt Ion:252 Resp: 2103877
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.4
125 10.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 206.899 ng
RT: 15.074 min Scan# 2242
Delta R.T. 0.035 min
Lab File: BF130706.D
Acq: 18 Oct 2022 19:24

Tgt Ion:252 Resp: 1121340
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 10.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 57.851 ng

RT: 16.433 min Scan# 24

Delta R.T. 0.041 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MSD

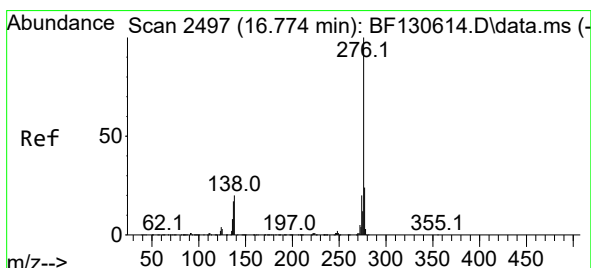
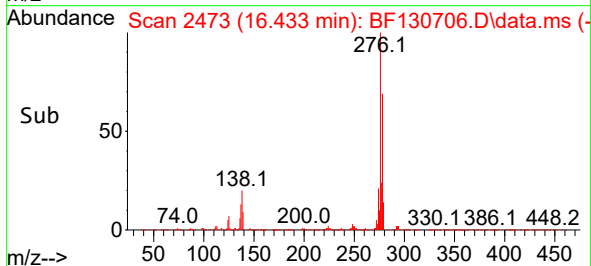
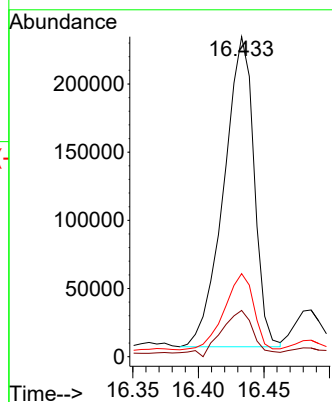
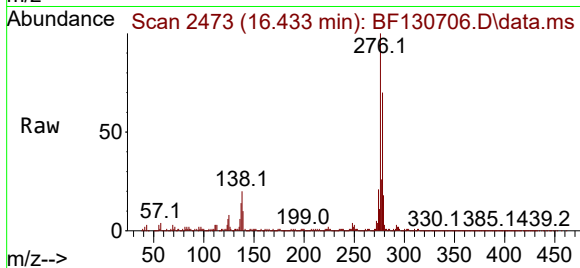
Tgt Ion:278 Resp: 364997

Ion Ratio Lower Upper

278 100

139 14.4 11.1 16.7

279 25.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 115.169 ng

RT: 16.821 min Scan# 2539

Delta R.T. 0.053 min

Lab File: BF130706.D

Acq: 18 Oct 2022 19:24

Tgt Ion:276 Resp: 676769

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 18.9 15.9 23.9

