

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131046.D
 Acq On : 07 Nov 2022 16:24
 Operator : CG\JU
 Sample : PB148686BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

Quant Time: Nov 08 02:16:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	108780	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	478874	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	267924	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	498626	20.000	ng	0.00
76) Chrysene-d12	14.092	240	250318	20.000	ng	0.00
86) Perylene-d12	15.586	264	182097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	814307	120.709	ng	0.01
7) Phenol-d6	6.534	99	1033274	125.489	ng	0.00
23) Nitrobenzene-d5	7.469	82	697098	67.476	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	353610	119.877	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1360959	69.227	ng	0.00
79) Terphenyl-d14	13.033	244	1409371	90.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	105612	32.930	ng	99
3) Pyridine	3.528	79	269717	30.254	ng	98
4) n-Nitrosodimethylamine	3.493	42	197914	39.479	ng	99
6) Aniline	6.563	93	380220	37.130	ng	99
8) 2-Chlorophenol	6.687	128	326056	43.448	ng	99
9) Benzaldehyde	6.451	77	55944	11.762	ng	97
10) Phenol	6.545	94	404578	41.930	ng	92
11) bis(2-Chloroethyl)ether	6.640	93	309059	44.157	ng	99
12) 1,3-Dichlorobenzene	6.840	146	336608	40.757	ng	99
13) 1,4-Dichlorobenzene	6.916	146	341038	39.652	ng	96
14) 1,2-Dichlorobenzene	7.069	146	328155	39.035	ng	97
15) Benzyl Alcohol	7.045	79	295268	41.054	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	539120	44.293	ng	99
17) 2-Methylphenol	7.157	107	260674	41.517	ng	98
18) Hexachloroethane	7.410	117	132968	40.808	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	239068	40.741	ng	99
20) 3+4-Methylphenols	7.310	107	317217	39.067	ng	# 75
22) Acetophenone	7.316	105	453225	35.549	ng	99
24) Nitrobenzene	7.487	77	367934	34.724	ng	99
25) Isophorone	7.728	82	672606	37.984	ng	99
26) 2-Nitrophenol	7.804	139	172980	38.333	ng	99
27) 2,4-Dimethylphenol	7.840	122	297115	42.613	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	401052	41.009	ng	99
29) 2,4-Dichlorophenol	8.045	162	285542	38.024	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	298805	36.492	ng	100
31) Naphthalene	8.210	128	1003100	38.328	ng	100
32) Benzoic acid	7.975	122	199097	41.917	ng	92
33) 4-Chloroaniline	8.257	127	359145	35.092	ng	97
34) Hexachlorobutadiene	8.322	225	209644	39.219	ng	100
36) 4-Chloro-3-methylphenol	8.745	107	344928	42.558	ng	99
37) 2-Methylnaphthalene	8.904	142	649045	38.980	ng	99
38) 1-Methylnaphthalene	9.004	142	621983	39.121	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	335178	38.811	ng	98
41) Hexachlorocyclopentadiene	9.051	237	362382	91.033	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	231575	40.207	ng	99
44) 2,4,5-Trichlorophenol	9.228	196	256422	39.704	ng	95

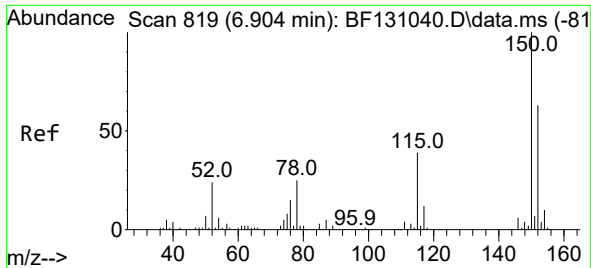
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.369	154	824360	39.503	ng	99
47) 2-Chloronaphthalene	9.392	162	645258	38.139	ng	100
48) 2-Nitroaniline	9.492	65	242714	39.033	ng	97
49) Acenaphthylene	9.816	152	985387	37.901	ng	99
50) Dimethylphthalate	9.675	163	782221	37.778	ng	99
51) 2,6-Dinitrotoluene	9.739	165	176627	40.099	ng	# 84
52) Acenaphthene	9.986	154	589403	37.023	ng	100
53) 3-Nitroaniline	9.910	138	150498	31.657	ng	98
54) 2,4-Dinitrophenol	10.016	184	206575	93.136	ng	100
55) Dibenzofuran	10.157	168	888724	41.080	ng	99
56) 4-Nitrophenol	10.075	139	270775	80.697	ng	93
57) 2,4-Dinitrotoluene	10.145	165	234014	40.893	ng	97
58) Fluorene	10.504	166	708008	36.778	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	203063	38.594	ng	99
60) Diethylphthalate	10.375	149	778552	36.079	ng	98
61) 4-Chlorophenyl-phenyle...	10.492	204	355188	37.251	ng	99
62) 4-Nitroaniline	10.533	138	180994	37.140	ng	98
63) Azobenzene	10.651	77	779506	37.165	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	130500	41.245	ng	83
66) n-Nitrosodiphenylamine	10.616	169	661184	37.526	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	228108	36.410	ng	96
68) Hexachlorobenzene	11.045	284	251285	36.977	ng	98
69) Atrazine	11.139	200	206237	41.149	ng	98
70) Pentachlorophenol	11.245	266	258940	87.822	ng	95
71) Phenanthrene	11.469	178	1042046	37.102	ng	99
72) Anthracene	11.522	178	1050922	38.121	ng	100
73) Carbazole	11.675	167	924598	39.201	ng	99
74) Di-n-butylphthalate	11.998	149	1181581	37.401	ng	100
75) Fluoranthene	12.657	202	1085543	36.413	ng	100
77) Benzidine	12.780	184	331416	49.084	ng	99
78) Pyrene	12.892	202	991193	43.479	ng	99
80) Butylbenzylphthalate	13.504	149	395594	44.046	ng	100
81) Benzo(a)anthracene	14.080	228	710023	39.065	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	217984	44.135	ng	99
83) Chrysene	14.116	228	654576	37.924	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	456030	44.321	ng	98
85) Di-n-octyl phthalate	14.674	149	568996	38.805	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	545550	36.592	ng	99
88) Benzo(b)fluoranthene	15.145	252	629418	47.564	ng	99
89) Benzo(k)fluoranthene	15.174	252	479856	37.219	ng	99
90) Benzo(a)pyrene	15.527	252	461395	43.856	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	478055	38.857	ng	99
92) Benzo(g,h,i)perylene	17.580	276	480655	38.392	ng	98

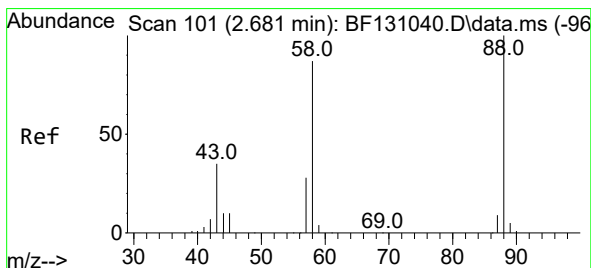
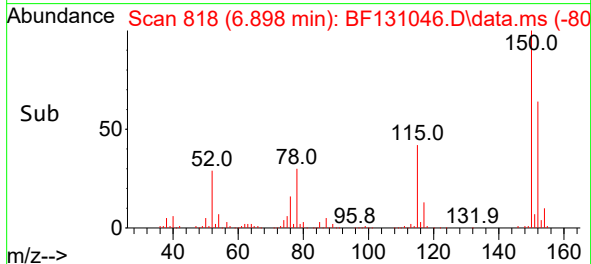
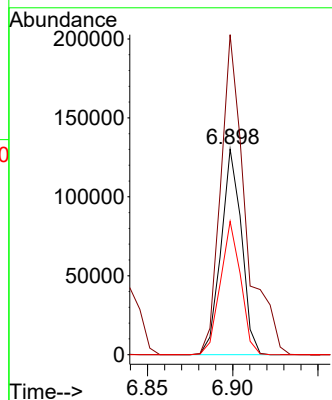
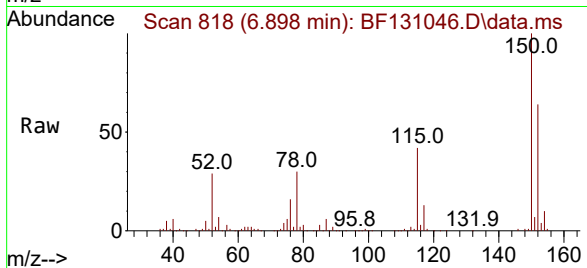
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131046.D
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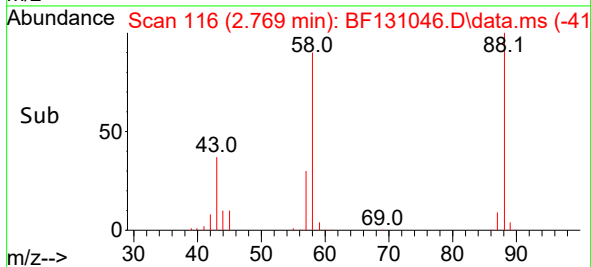
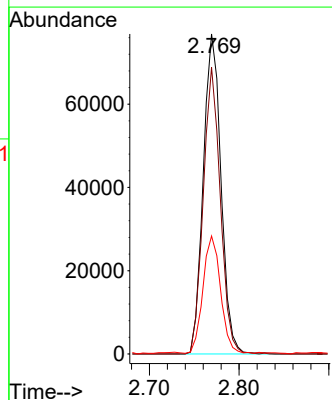
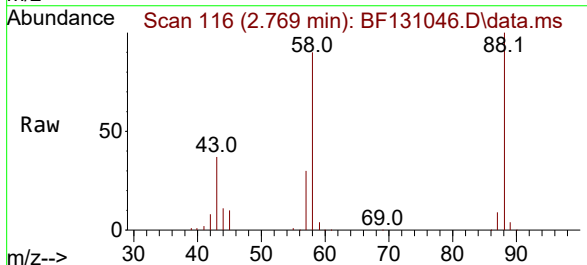
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

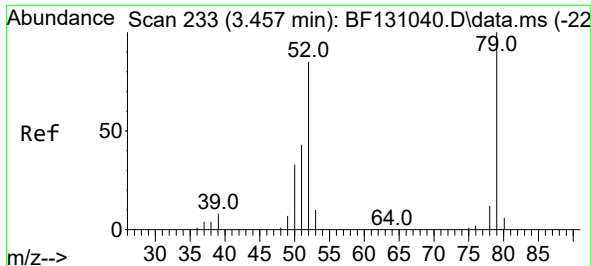
Tgt Ion:152 Resp: 108780
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.6 189.8
 115 64.8 49.1 73.7



#2
 1,4-Dioxane
 Concen: 32.930 ng
 RT: 2.769 min Scan# 116
 Delta R.T. 0.088 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Tgt Ion: 88 Resp: 105612
 Ion Ratio Lower Upper
 88 100
 58 86.1 68.7 103.1
 43 36.5 28.6 43.0





#3

Pyridine

Concen: 30.254 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

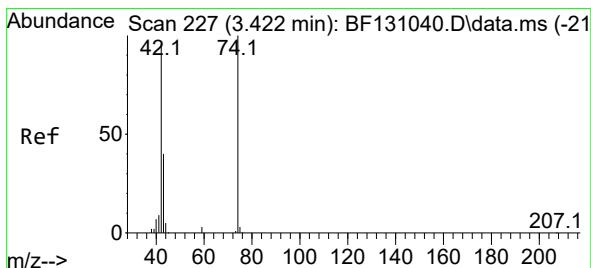
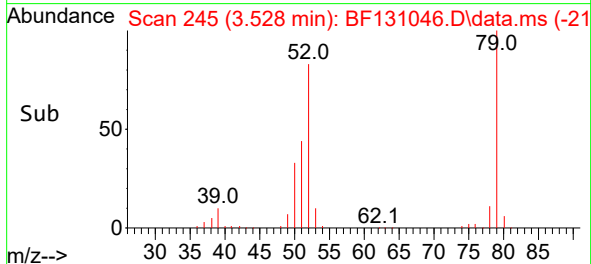
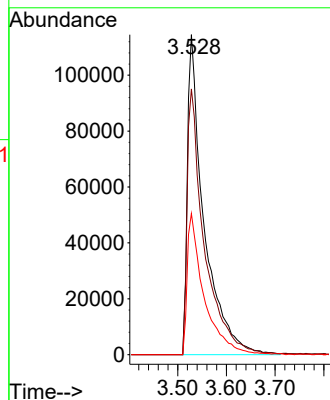
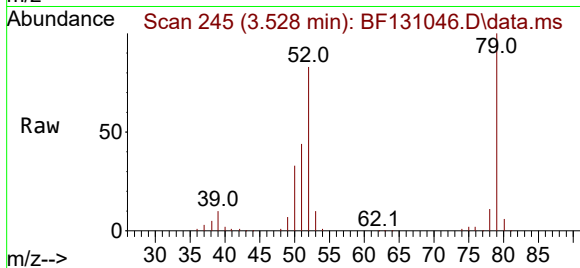
Tgt Ion: 79 Resp: 269717

Ion Ratio Lower Upper

79 100

52 83.1 67.8 101.8

51 44.1 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 39.479 ng

RT: 3.493 min Scan# 239

Delta R.T. 0.071 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

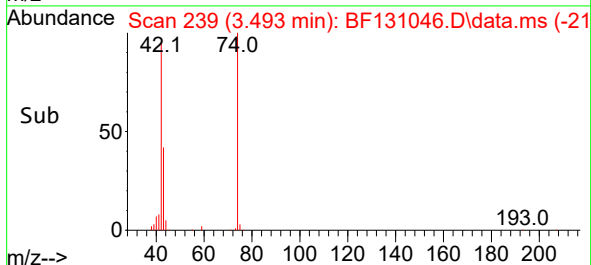
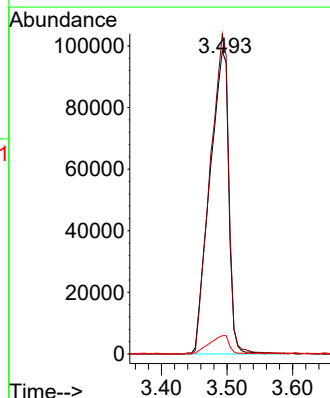
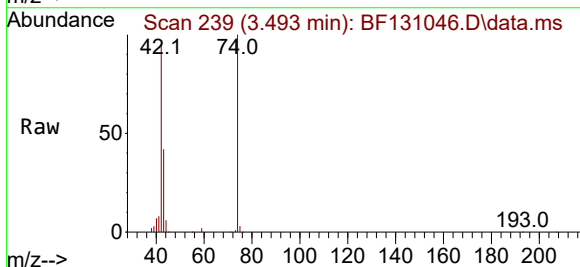
Tgt Ion: 42 Resp: 197914

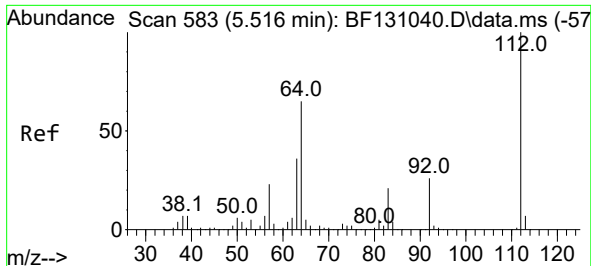
Ion Ratio Lower Upper

42 100

74 105.6 83.6 125.4

44 6.0 4.7 7.1

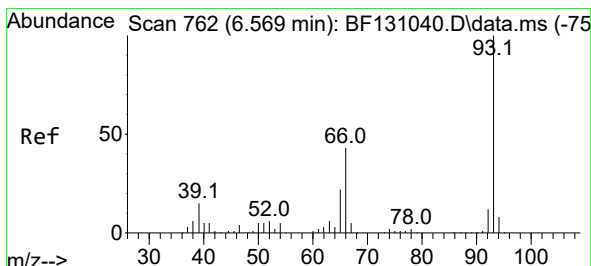
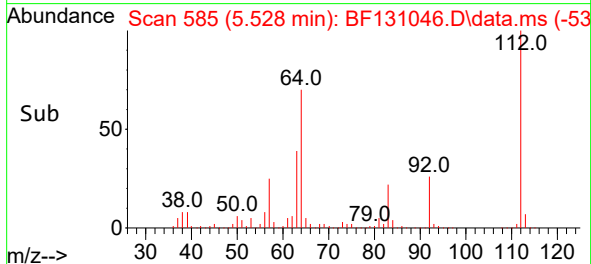
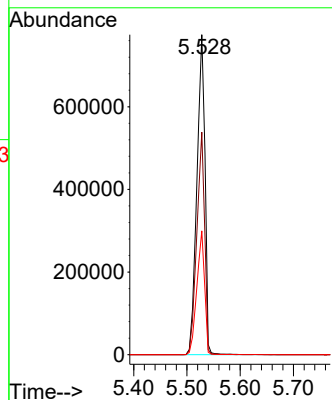
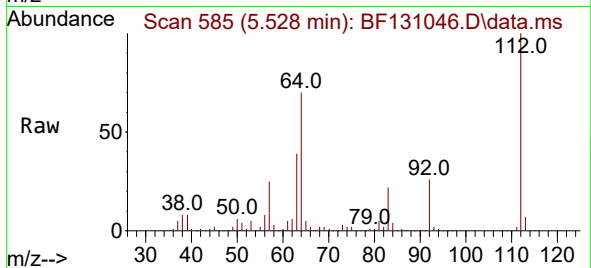




#5
2-Fluorophenol
Concen: 120.709 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

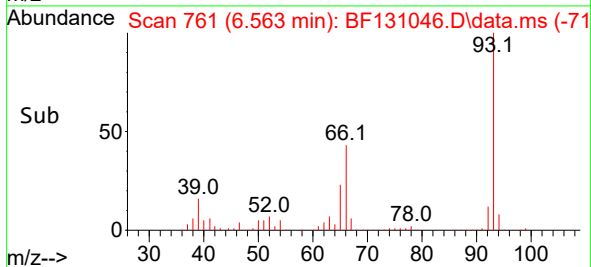
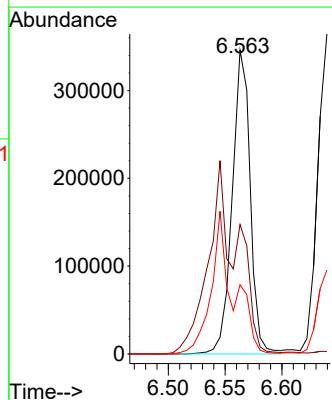
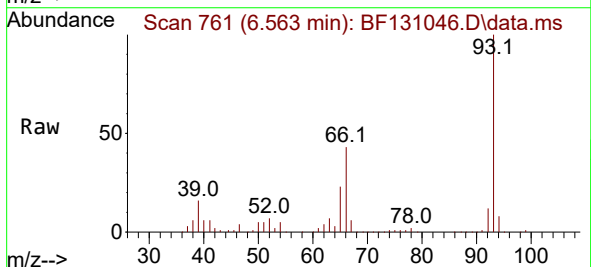
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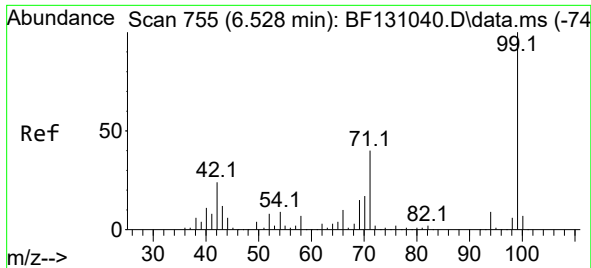
Tgt Ion:112 Resp: 814307
Ion Ratio Lower Upper
112 100
64 69.6 52.2 78.4
63 38.7 29.0 43.4



#6
Aniline
Concen: 37.130 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 93 Resp: 380220
Ion Ratio Lower Upper
93 100
66 42.6 34.5 51.7
65 22.8 17.9 26.9

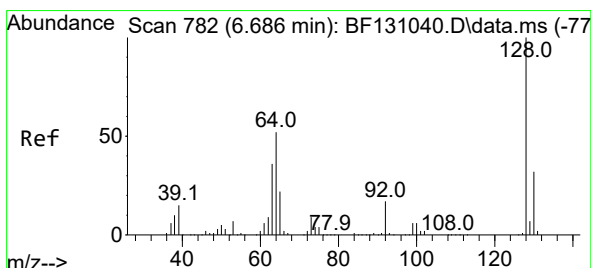
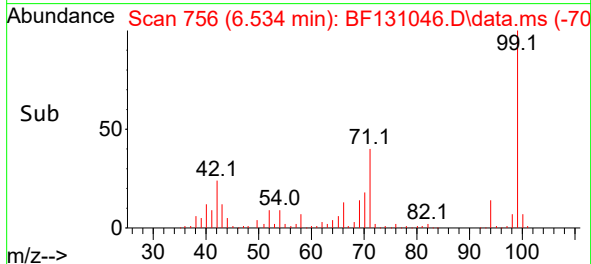
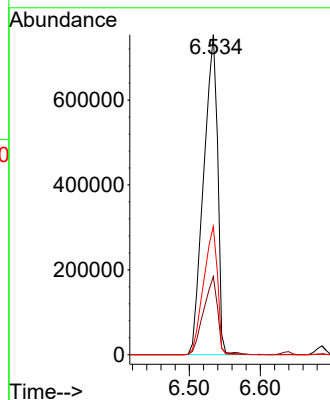
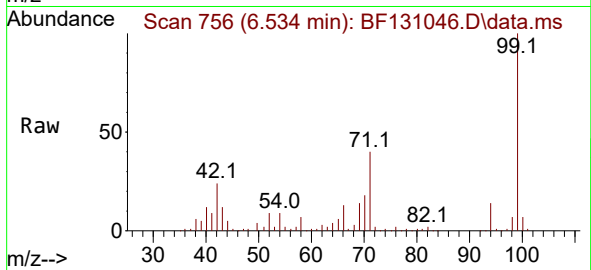




#7
Phenol-d6
Concen: 125.489 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

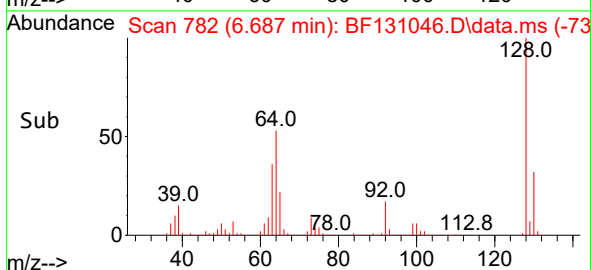
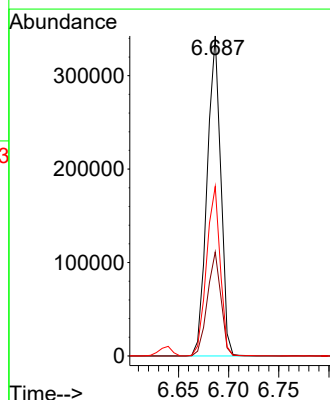
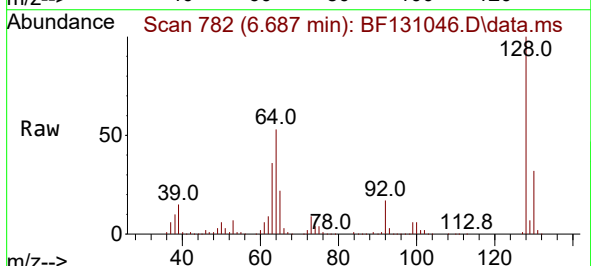
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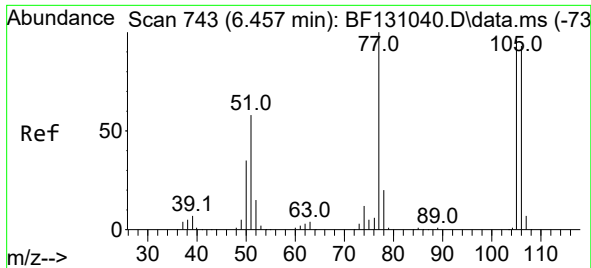
Tgt Ion: 99 Resp: 1033274
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.0
71 40.1 31.8 47.8



#8
2-Chlorophenol
Concen: 43.448 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 128 Resp: 326056
Ion Ratio Lower Upper
128 100
130 32.5 11.5 51.5
64 53.0 32.8 72.8





#9

Benzaldehyde

Concen: 11.762 ng

RT: 6.451 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

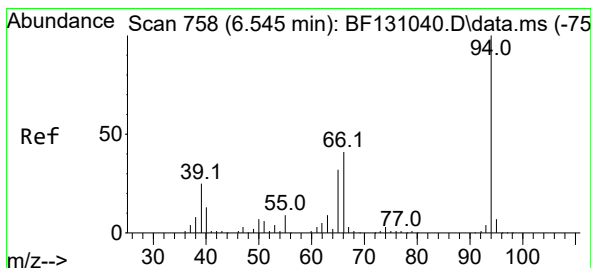
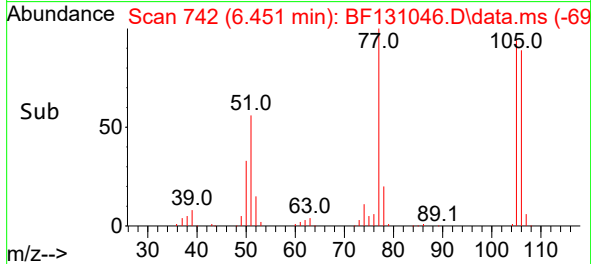
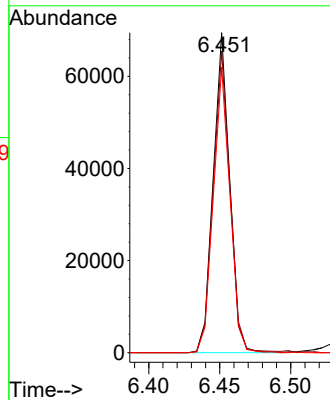
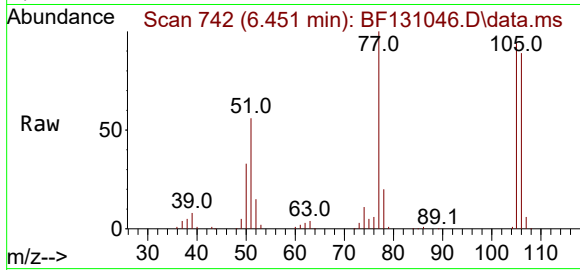
Tgt Ion: 77 Resp: 55944

Ion Ratio Lower Upper

77 100

105 94.3 76.4 116.4

106 89.2 73.3 113.3



#10

Phenol

Concen: 41.930 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

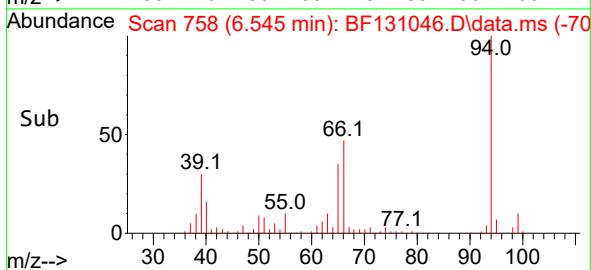
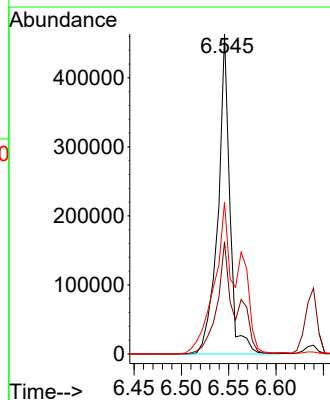
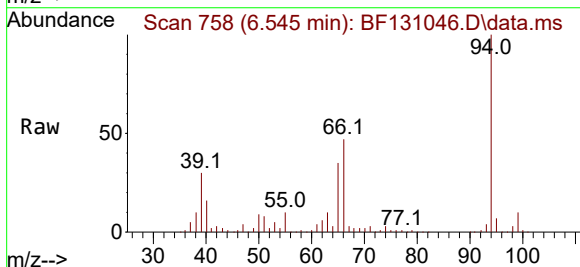
Tgt Ion: 94 Resp: 404578

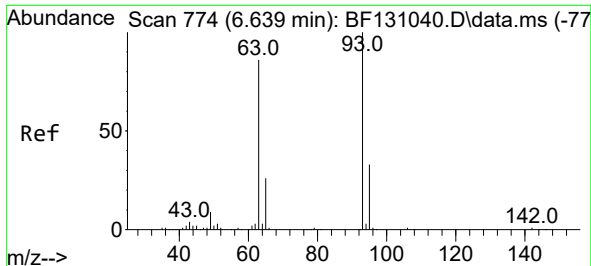
Ion Ratio Lower Upper

94 100

65 35.0 11.8 51.8

66 47.5 21.5 61.5

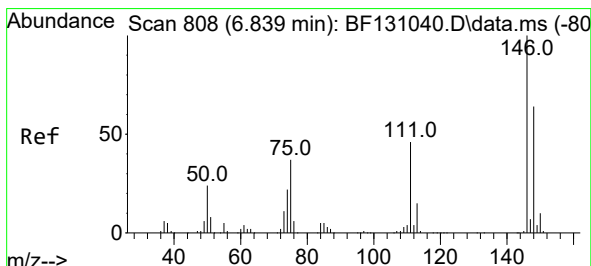
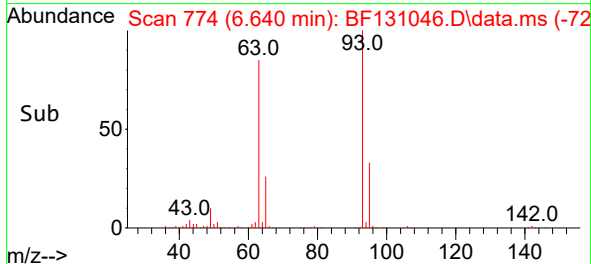
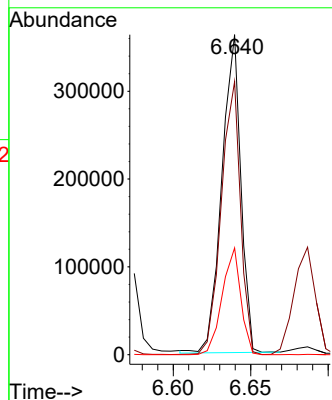
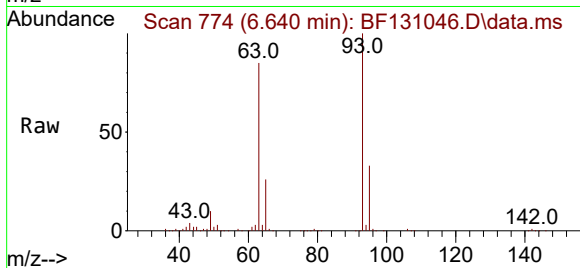




#11
bis(2-Chloroethyl)ether
Concen: 44.157 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

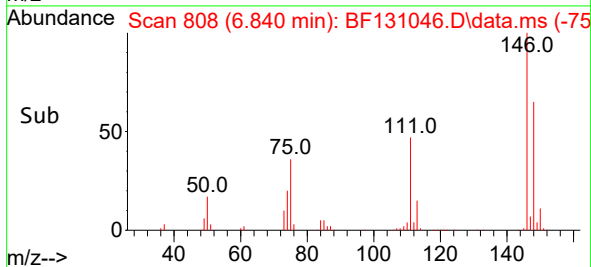
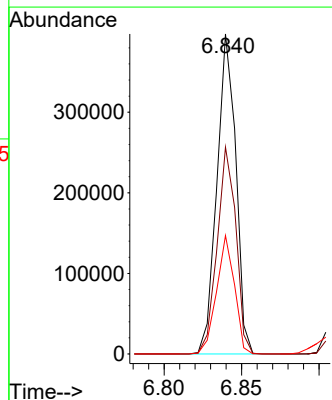
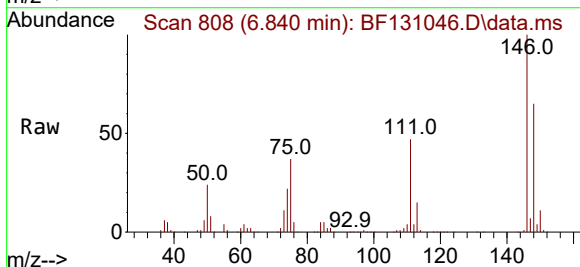
Instrument :
BNA_F
ClientSampleId :
PB148686BS

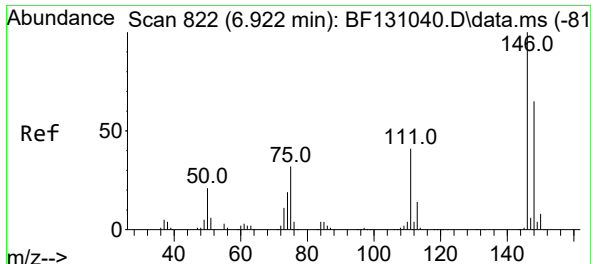
Tgt Ion: 93 Resp: 309059
Ion Ratio Lower Upper
93 100
63 85.4 65.6 105.6
95 33.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.757 ng
RT: 6.840 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:146 Resp: 336608
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 37.0 29.8 44.6

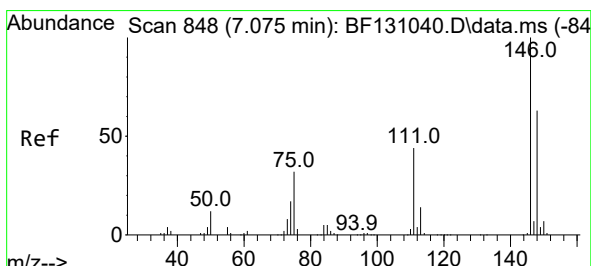
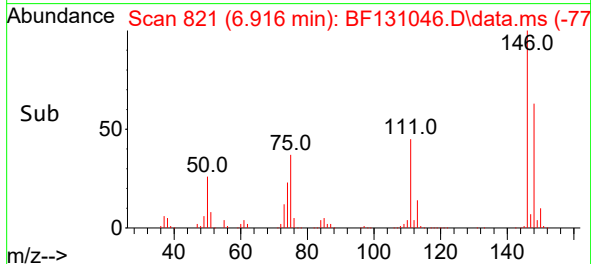
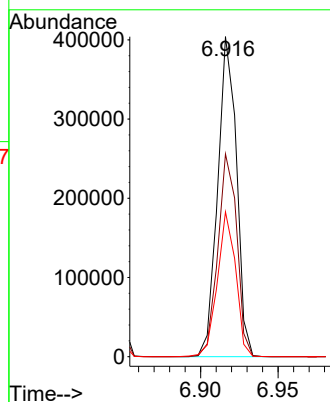
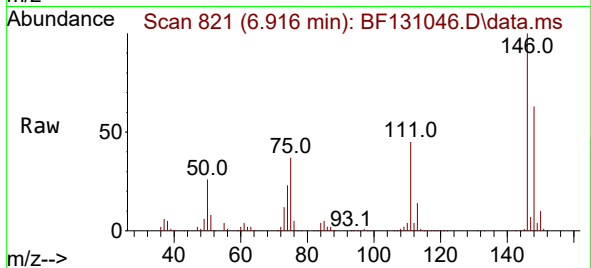




#13
1,4-Dichlorobenzene
Concen: 39.652 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

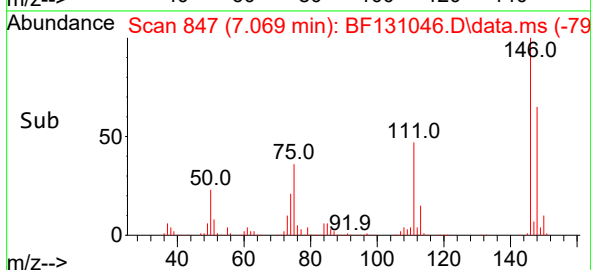
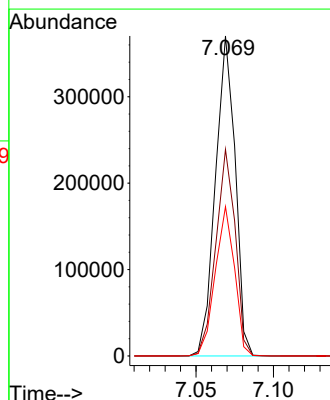
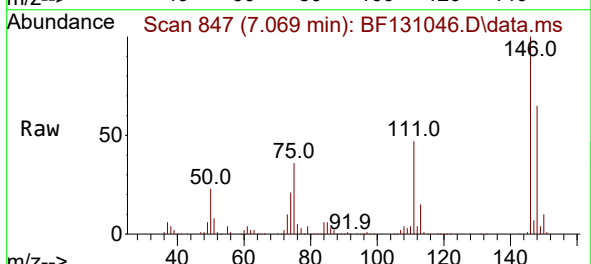
Instrument :
BNA_F
ClientSampleId :
PB148686BS

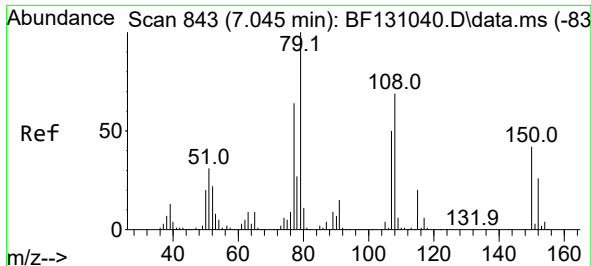
Tgt Ion:146 Resp: 341038
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
111 45.2 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 39.035 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:146 Resp: 328155
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.2
111 46.6 35.4 53.0

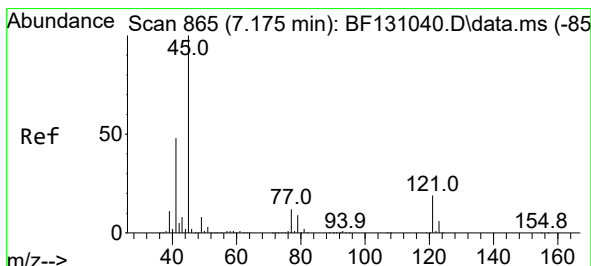
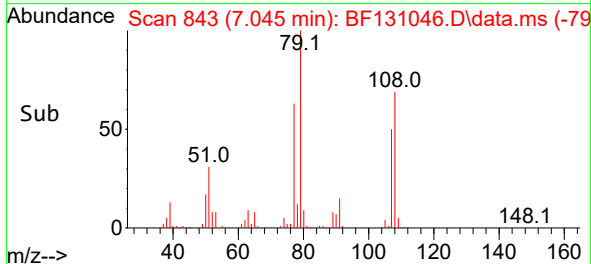
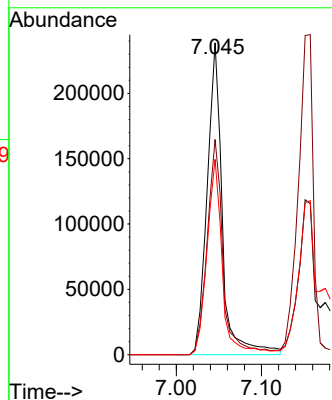
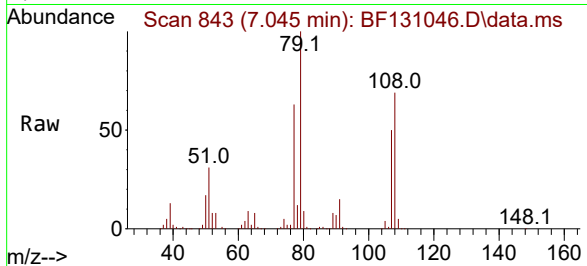




#15
Benzyl Alcohol
Concen: 41.054 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

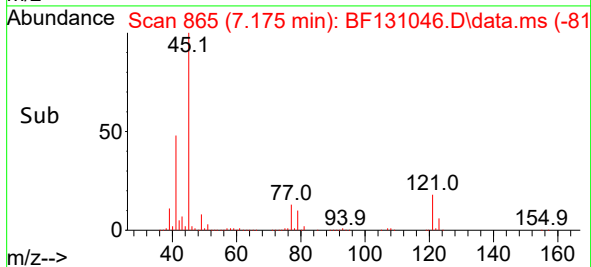
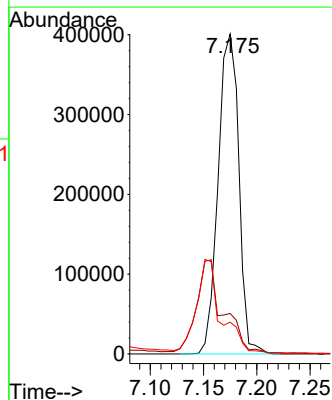
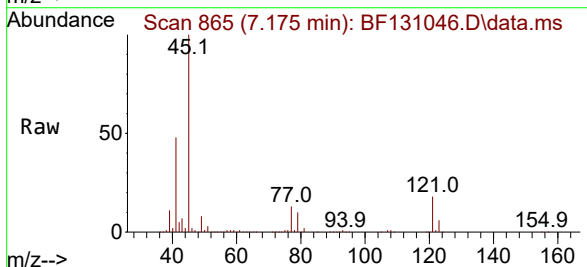
Instrument :
BNA_F
ClientSampleId :
PB148686BS

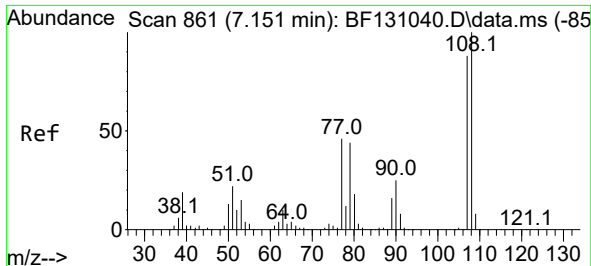
Tgt Ion: 79 Resp: 295268
Ion Ratio Lower Upper
79 100
108 69.0 55.2 82.8
77 62.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.293 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 45 Resp: 539120
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.5
79 9.9 0.0 29.7

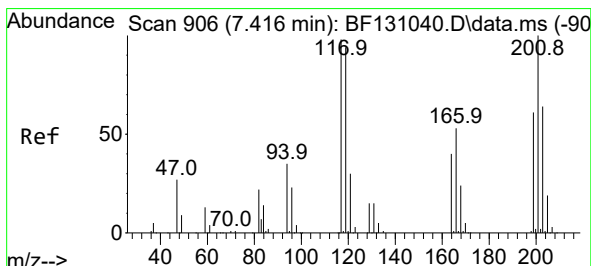
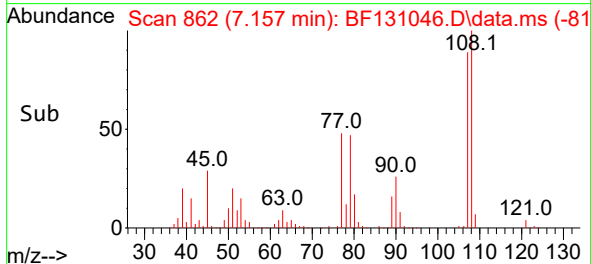
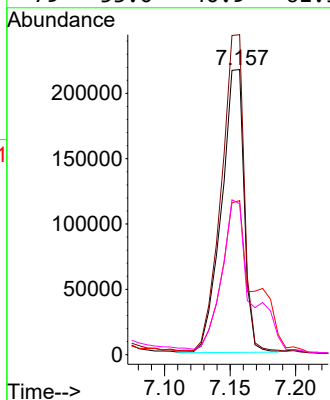
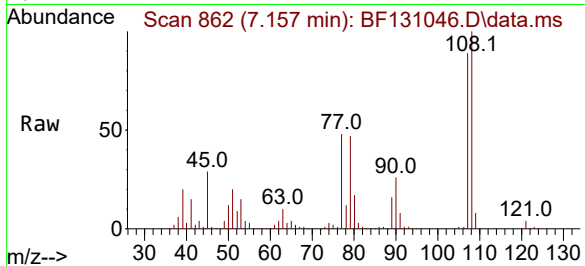




#17
2-Methylphenol
Concen: 41.517 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

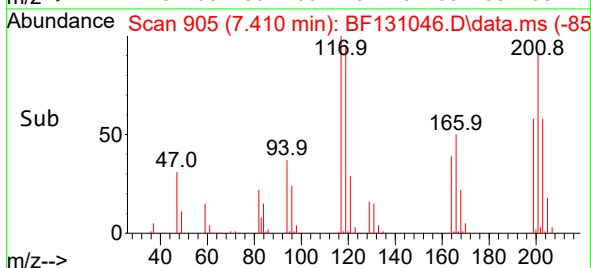
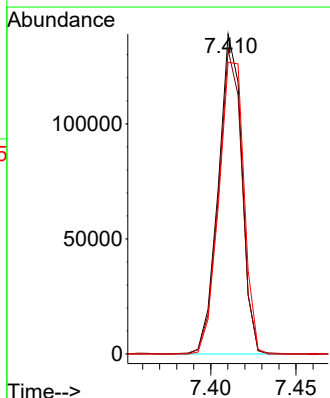
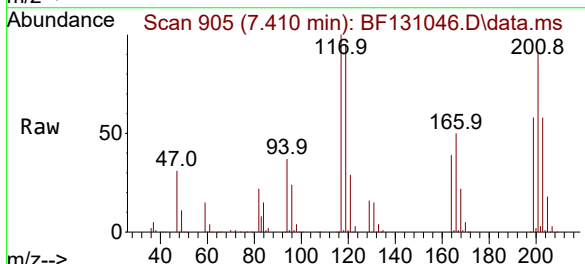
Instrument :
BNA_F
ClientSampleId :
PB148686BS

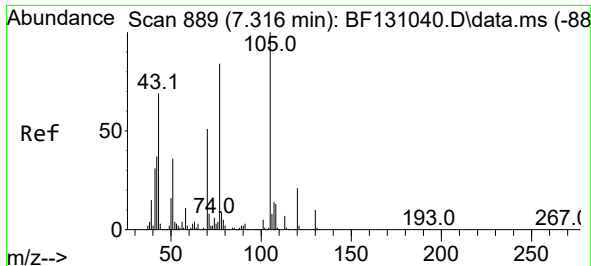
Tgt Ion:107 Resp: 260674
Ion Ratio Lower Upper
107 100
108 112.3 91.2 136.8
77 54.1 42.1 63.1
79 53.0 40.9 61.3



#18
Hexachloroethane
Concen: 40.808 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:117 Resp: 132968
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3
201 91.2 81.8 122.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.741 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF131046.D

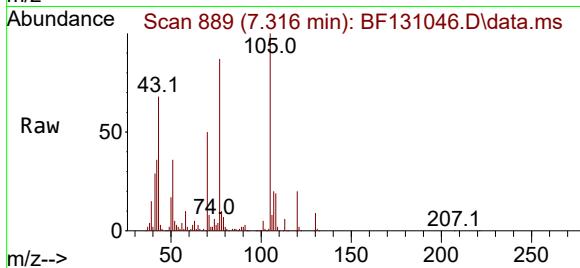
Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS



Tgt Ion: 70 Resp: 239068

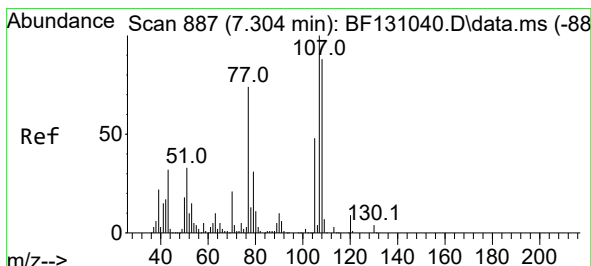
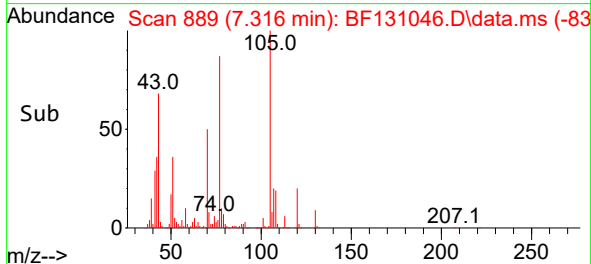
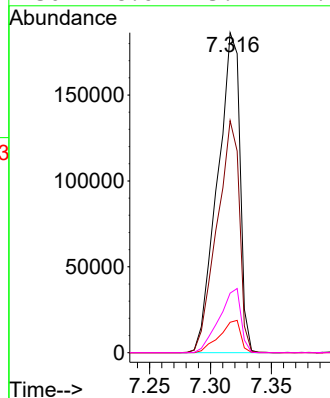
Ion Ratio Lower Upper

70 100

42 72.5 59.0 88.4

101 9.5 8.0 12.0

130 18.6 15.2 22.8



#20

3+4-Methylphenols

Concen: 39.067 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Tgt Ion: 107 Resp: 317217

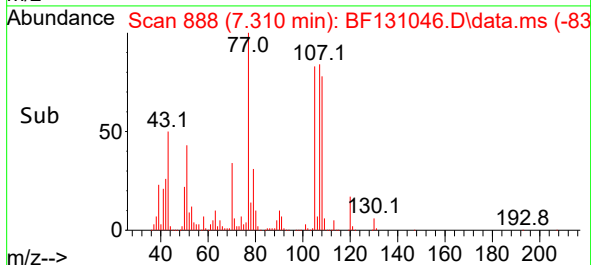
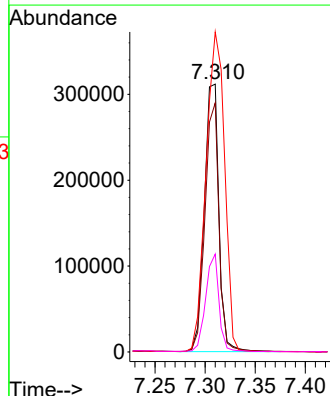
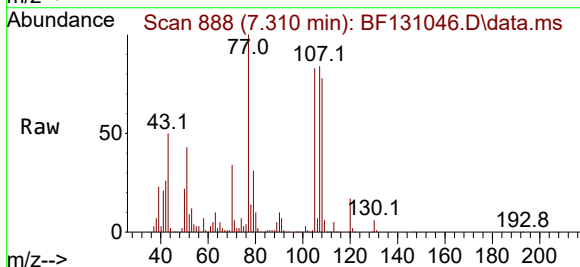
Ion Ratio Lower Upper

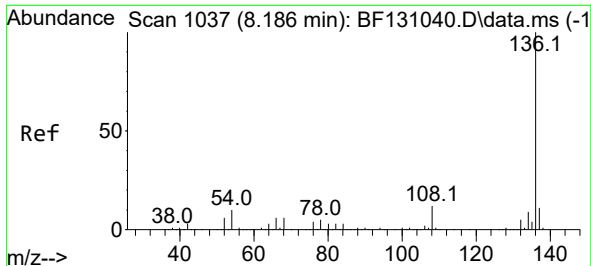
107 100

108 93.0 67.7 107.7

77 119.5 54.2 94.2#

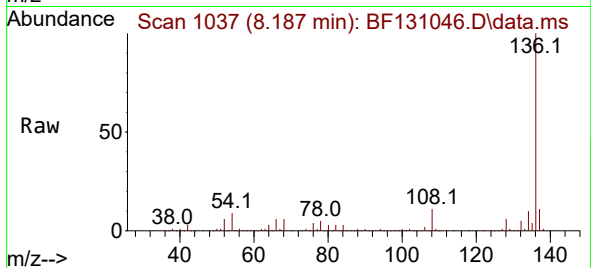
79 36.6 10.6 50.6





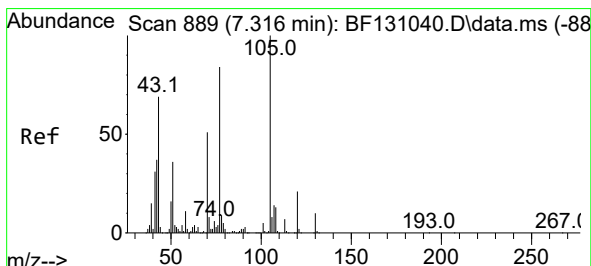
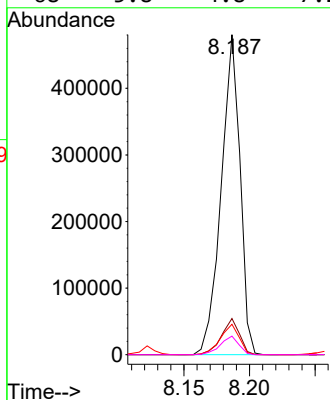
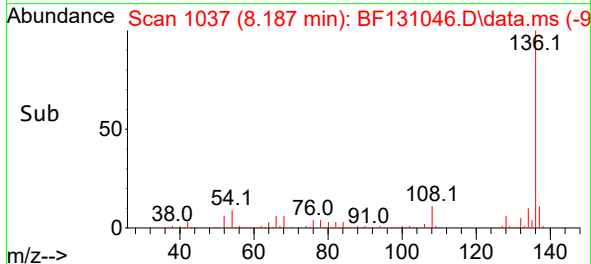
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

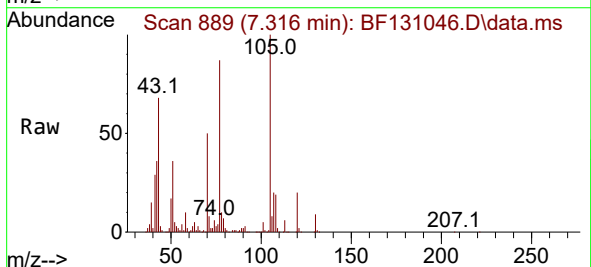


Tgt Ion:136 Resp: 478874

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.5	8.2	12.2
68	5.8	4.8	7.2

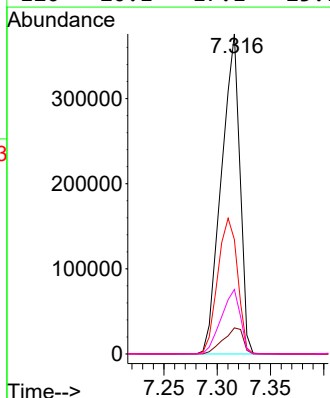
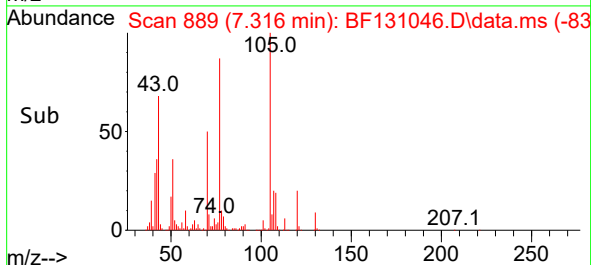


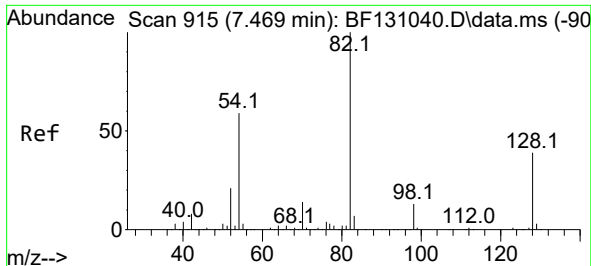
#22
Acetophenone
Concen: 35.549 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24



Tgt Ion:105 Resp: 453225

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.5	9.7
51	35.8	28.5	42.7
120	20.1	17.1	25.7





#23

Nitrobenzene-d5

Concen: 67.476 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

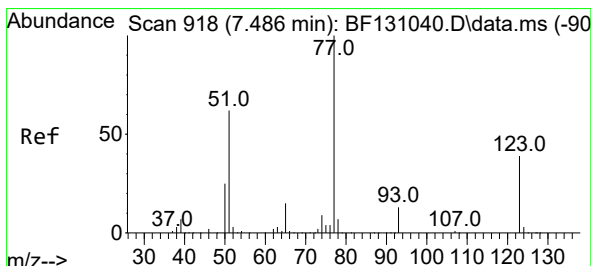
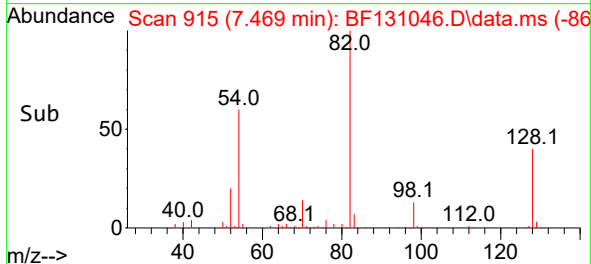
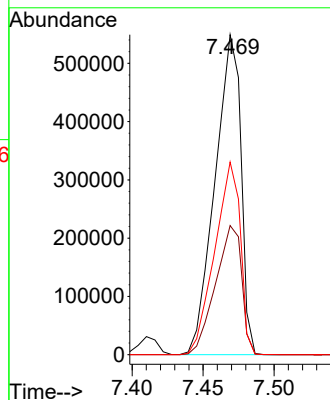
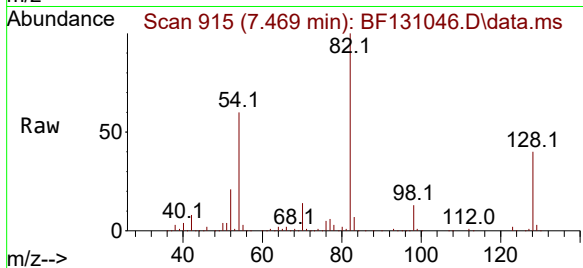
Tgt Ion: 82 Resp: 697098

Ion Ratio Lower Upper

82 100

128 40.4 31.3 46.9

54 60.2 47.2 70.8



#24

Nitrobenzene

Concen: 34.724 ng

RT: 7.487 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

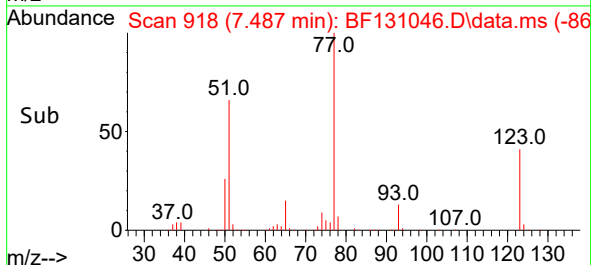
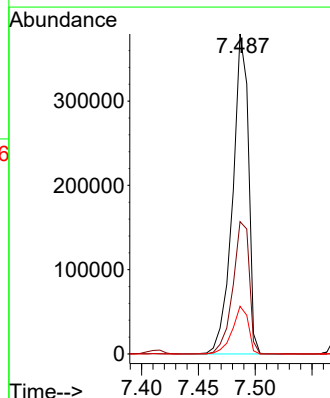
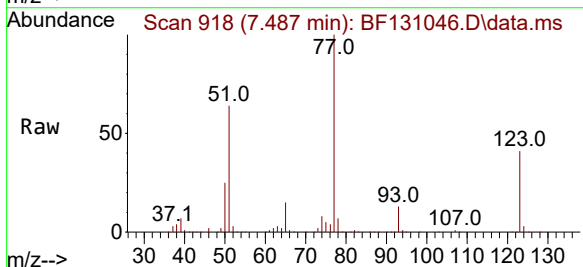
Tgt Ion: 77 Resp: 367934

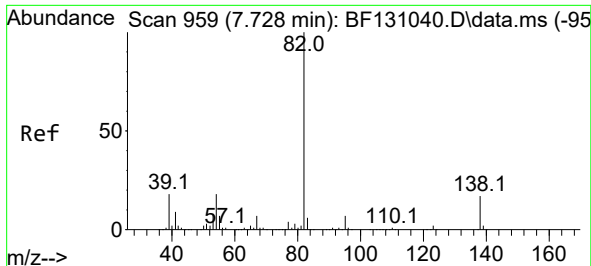
Ion Ratio Lower Upper

77 100

123 41.4 32.2 48.2

65 14.9 11.9 17.9

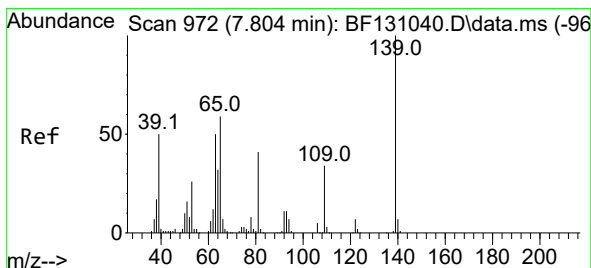
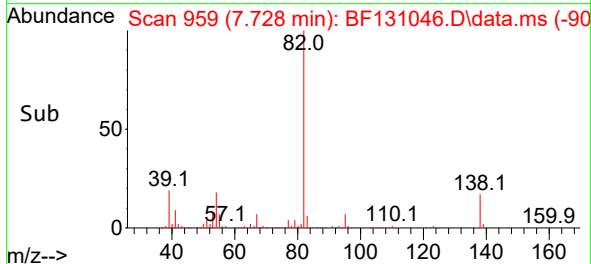
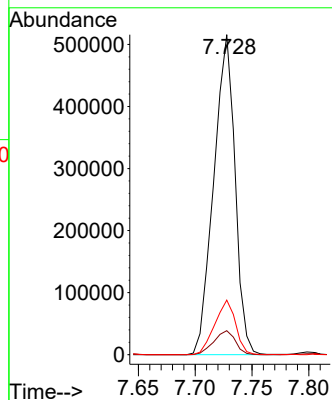
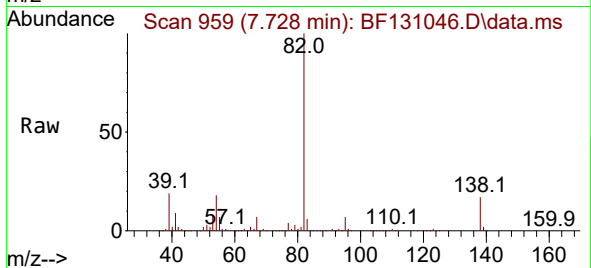




#25
Isophorone
Concen: 37.984 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

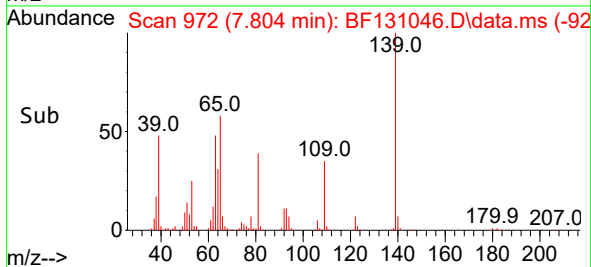
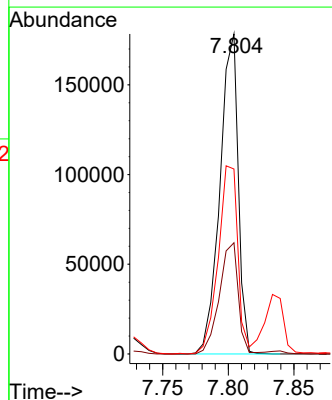
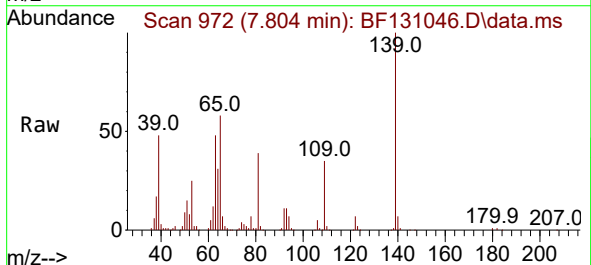
Instrument :
BNA_F
ClientSampleId :
PB148686BS

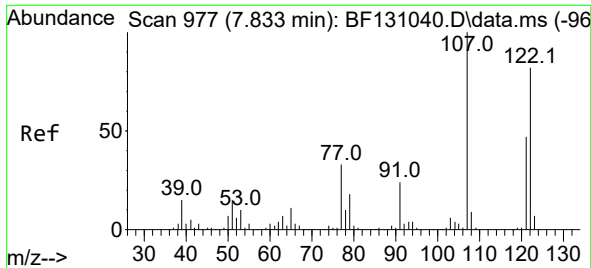
Tgt Ion: 82 Resp: 672606
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 17.1 13.5 20.3



#26
2-Nitrophenol
Concen: 38.333 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 139 Resp: 172980
Ion Ratio Lower Upper
139 100
109 34.8 27.6 41.4
65 57.8 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 42.613 ng

RT: 7.840 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

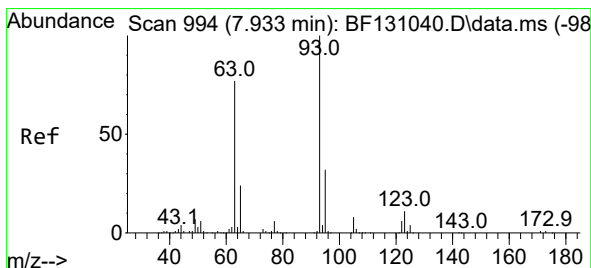
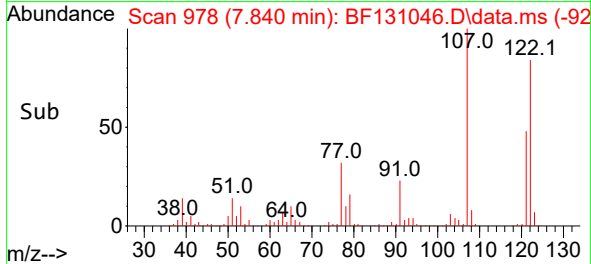
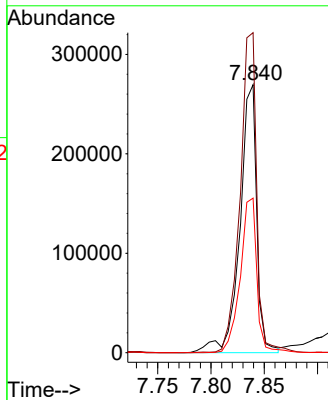
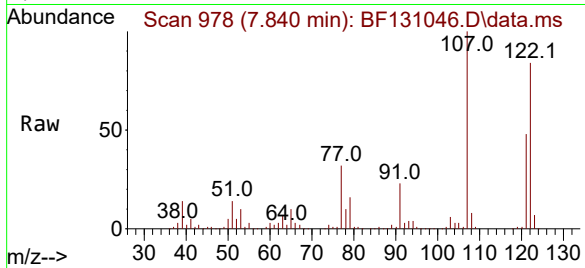
Tgt Ion:122 Resp: 297115

Ion Ratio Lower Upper

122 100

107 119.4 97.9 146.9

121 57.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.009 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

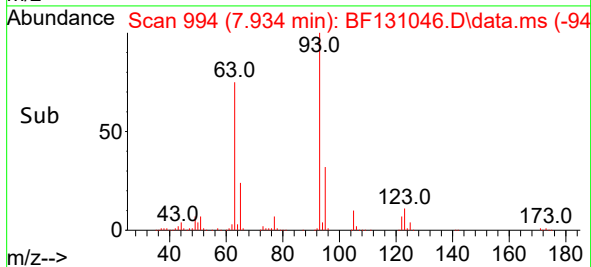
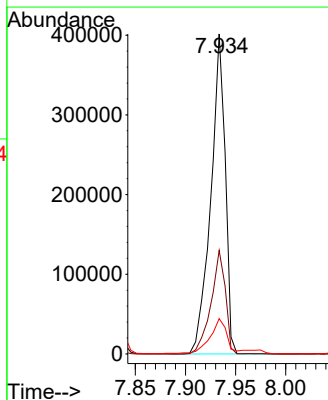
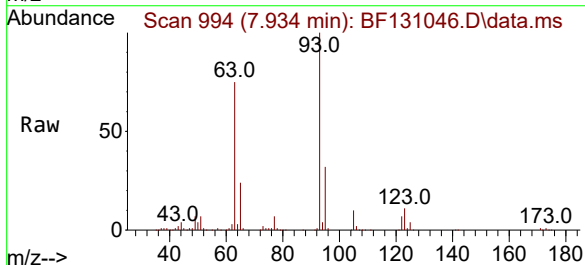
Tgt Ion: 93 Resp: 401052

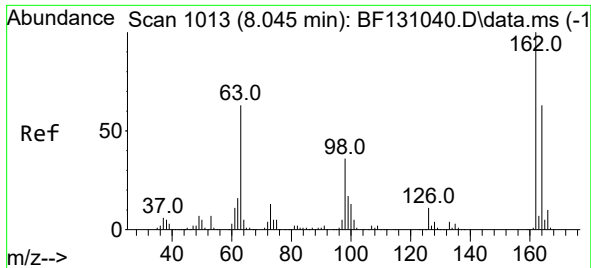
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 38.024 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

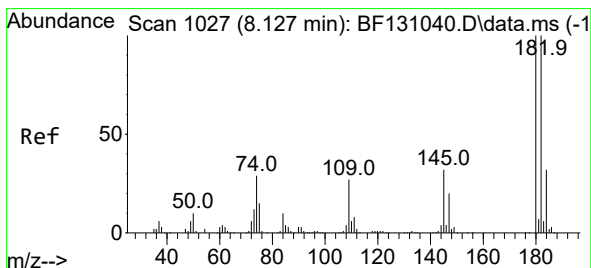
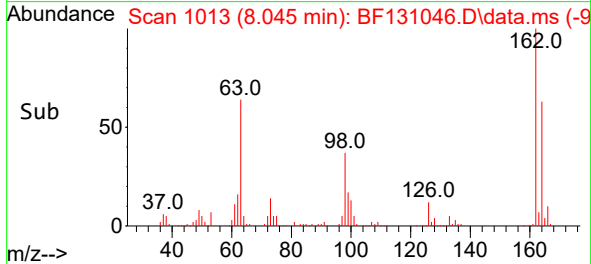
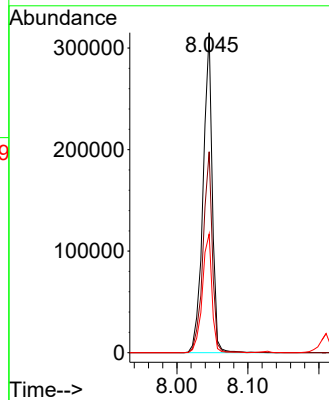
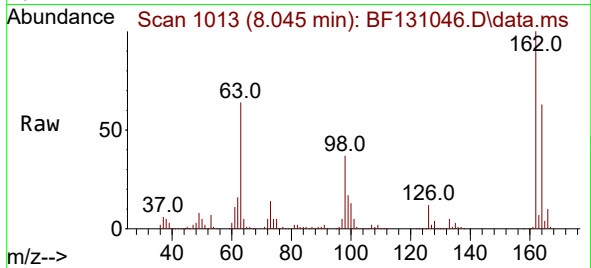
Tgt Ion:162 Resp: 285542

Ion Ratio Lower Upper

162 100

164 62.8 43.3 83.3

98 37.1 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 36.492 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

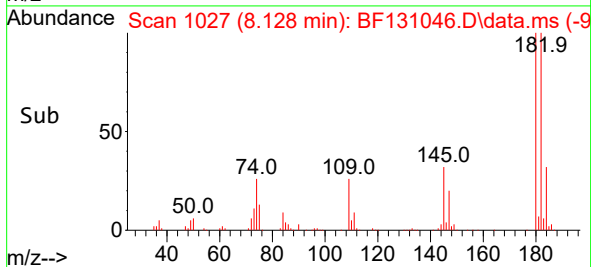
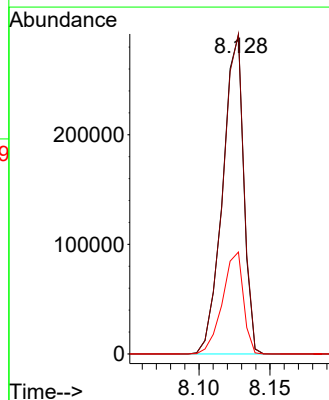
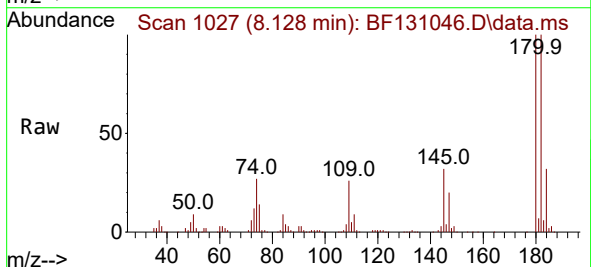
Tgt Ion:180 Resp: 298805

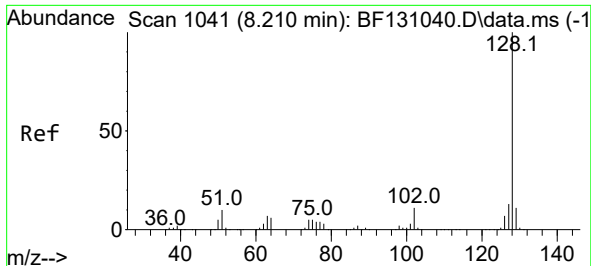
Ion Ratio Lower Upper

180 100

182 100.4 80.3 120.5

145 32.0 25.8 38.6

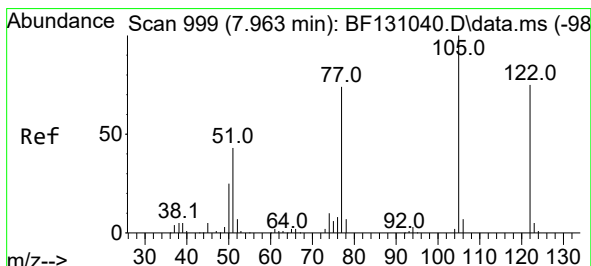
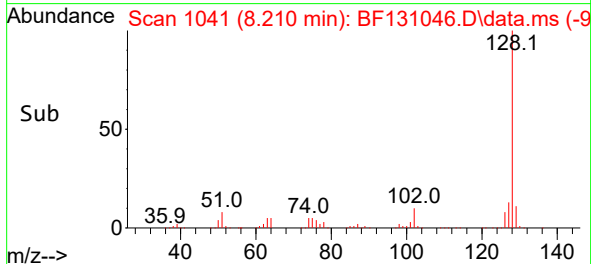
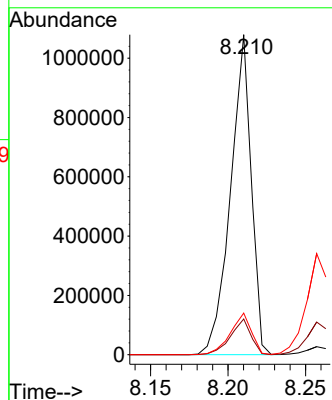
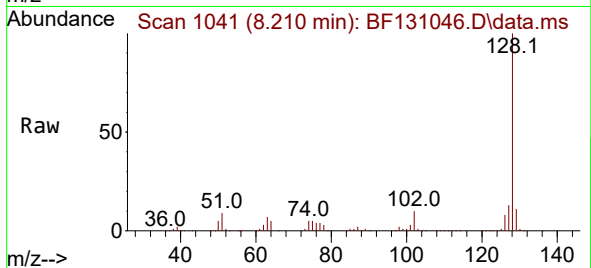




#31
Naphthalene
Concen: 38.328 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

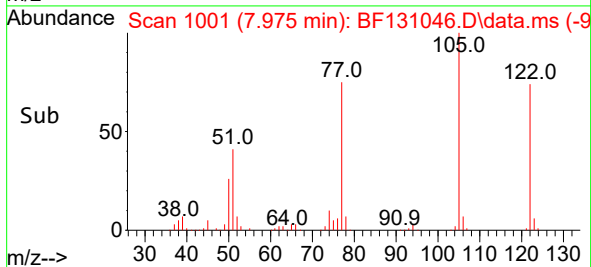
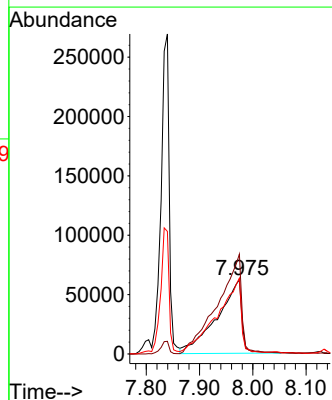
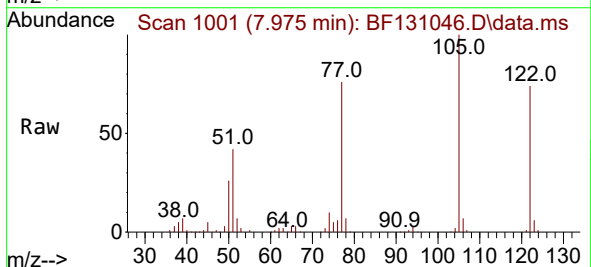
Instrument :
BNA_F
ClientSampleId :
PB148686BS

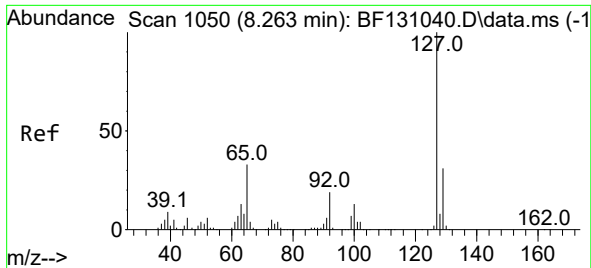
Tgt Ion:128 Resp: 1003100
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 41.917 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:122 Resp: 199097
Ion Ratio Lower Upper
122 100
105 134.8 106.0 146.0
77 102.4 74.4 114.4

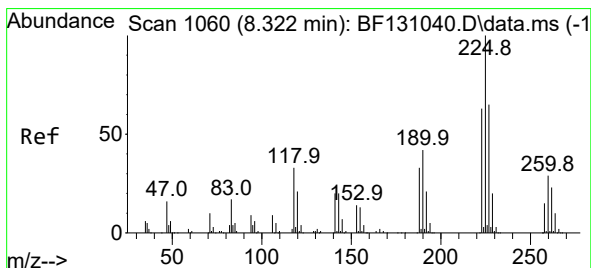
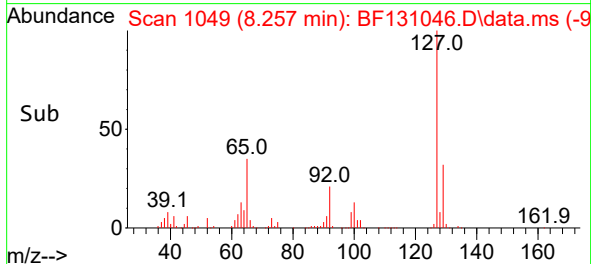
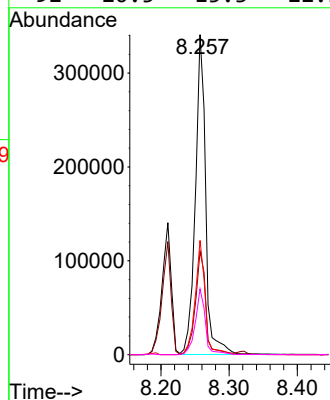
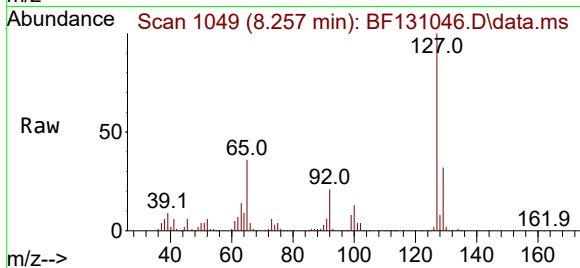




#33
4-Chloroaniline
Concen: 35.092 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

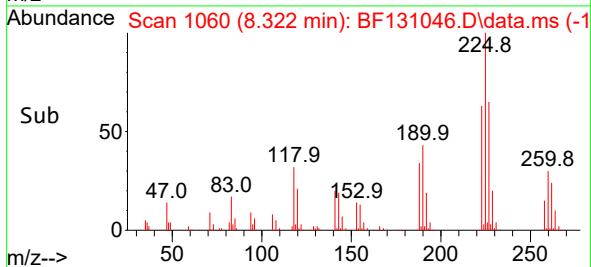
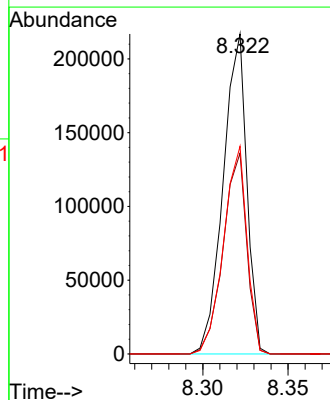
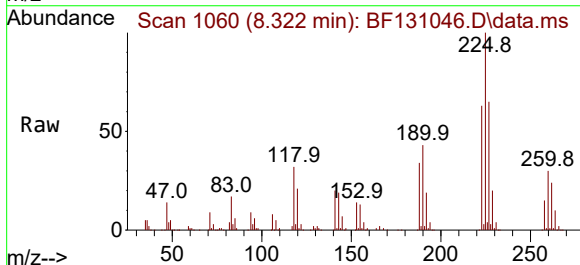
Instrument :
BNA_F
ClientSampleId :
PB148686BS

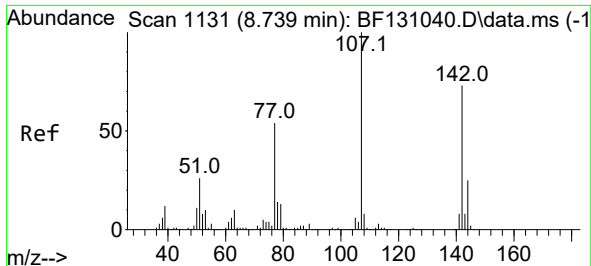
Tgt Ion:127	Resp: 359145
Ion Ratio	Lower Upper
127 100	
129 32.3	25.0 37.6
65 35.7	26.6 40.0
92 20.5	15.3 22.9



#34
Hexachlorobutadiene
Concen: 39.219 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:225	Resp: 209644		
Ion Ratio	Lower	Upper	
225 100			
223 62.7	50.2	75.4	
227 64.9	52.0	78.0	

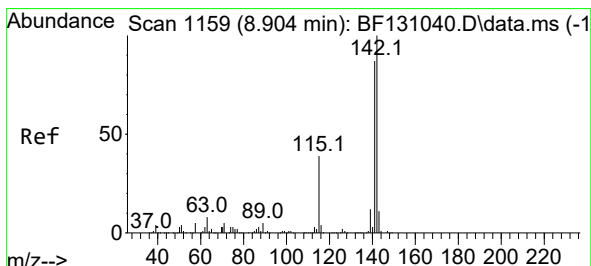
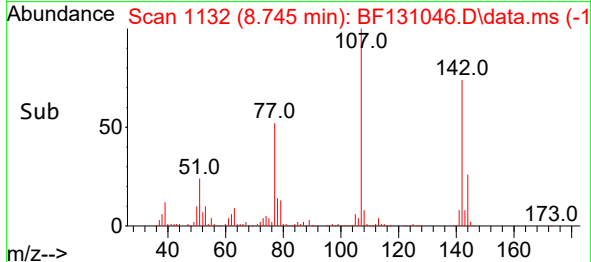
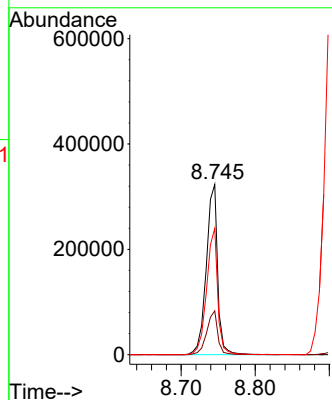
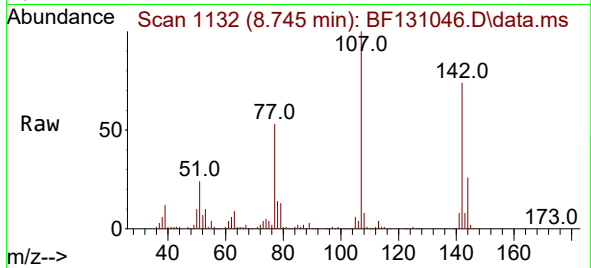




#36
 4-Chloro-3-methylphenol
 Concen: 42.558 ng
 RT: 8.745 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

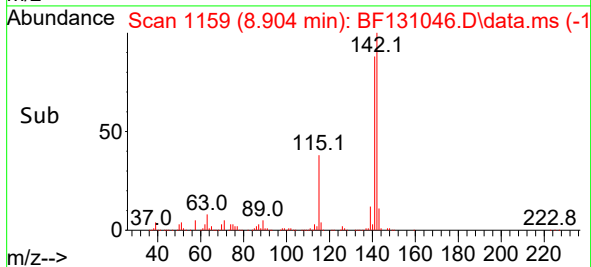
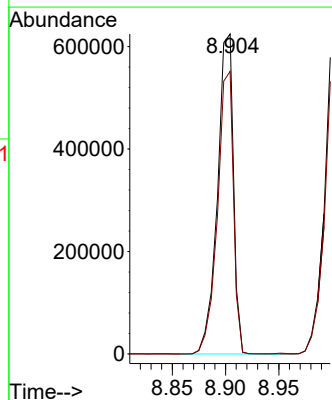
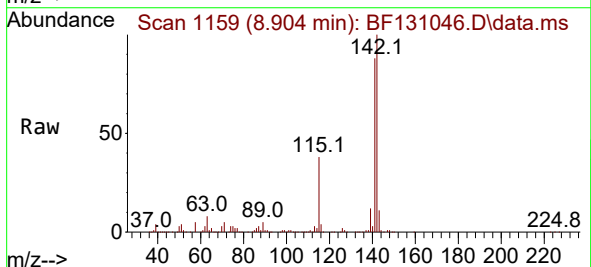
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

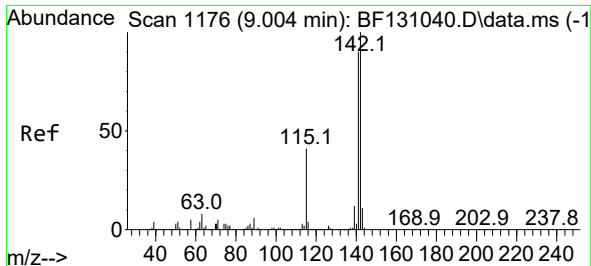
Tgt Ion:107 Resp: 344928
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 74.1 58.6 88.0



#37
 2-Methylnaphthalene
 Concen: 38.980 ng
 RT: 8.904 min Scan# 1159
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Tgt Ion:142 Resp: 649045
 Ion Ratio Lower Upper
 142 100
 141 88.3 69.8 104.6





#38

1-Methylnaphthalene

Concen: 39.121 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

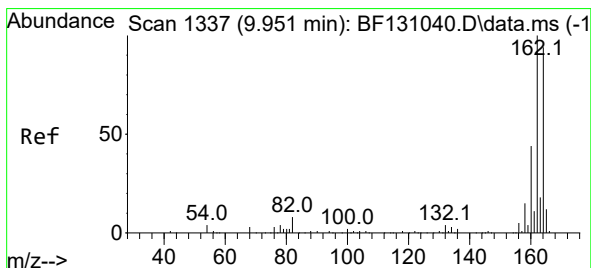
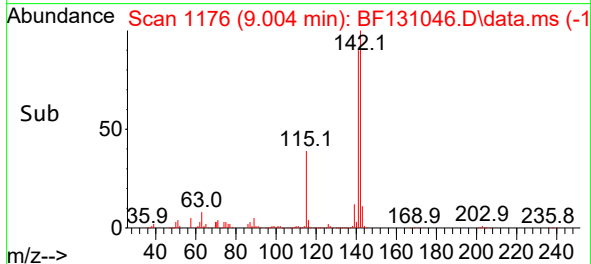
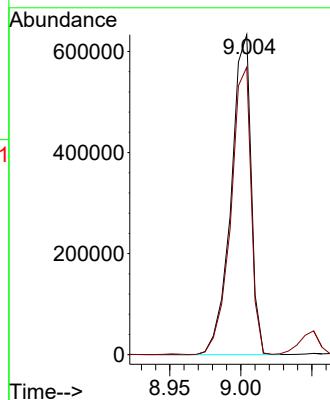
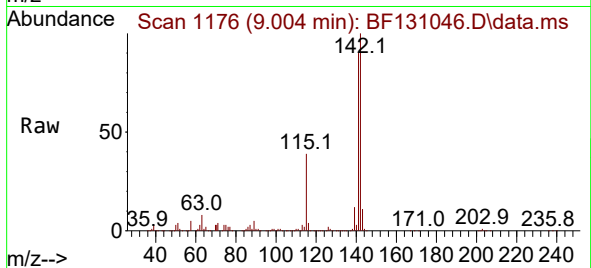
PB148686BS

Tgt Ion:142 Resp: 621983

Ion Ratio Lower Upper

142 100

141 89.9 72.2 108.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

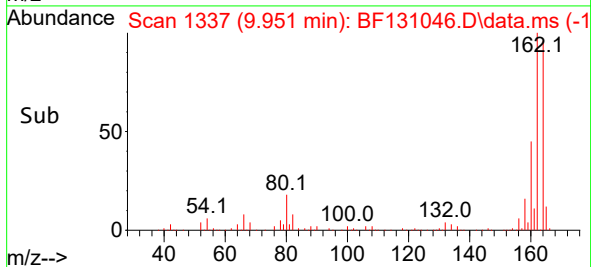
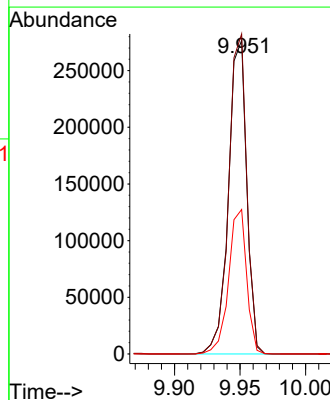
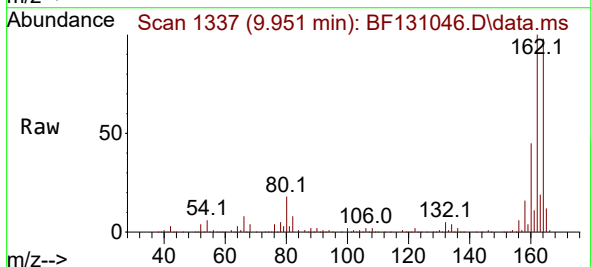
Tgt Ion:164 Resp: 267924

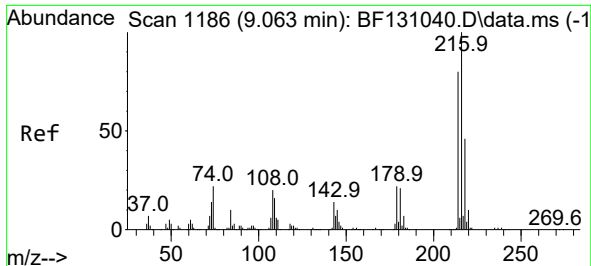
Ion Ratio Lower Upper

164 100

162 102.0 85.0 127.6

160 46.1 37.0 55.6



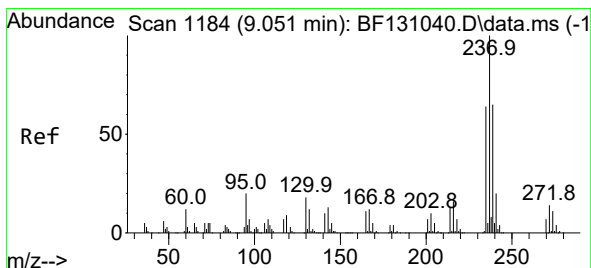
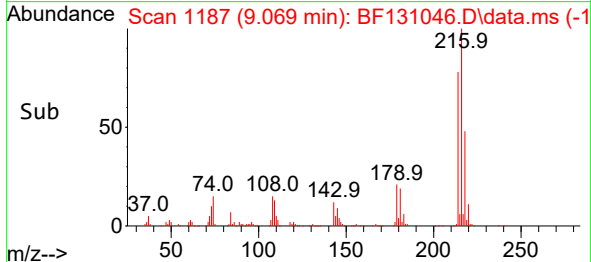
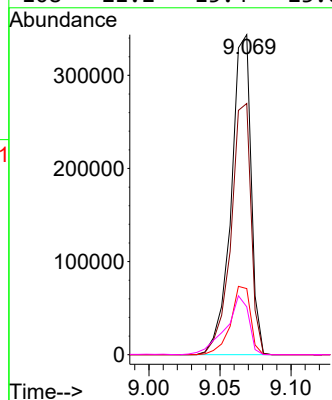
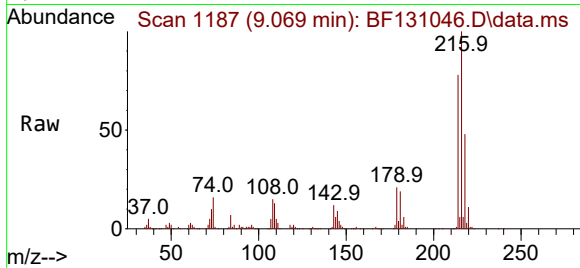


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.811 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion:216 Resp: 335178

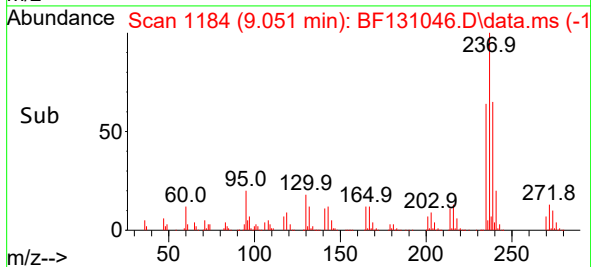
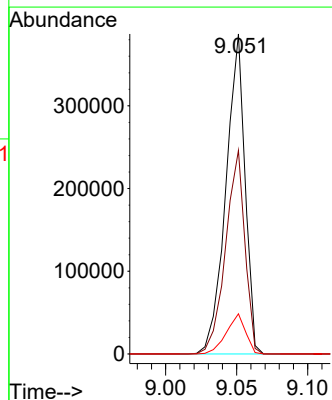
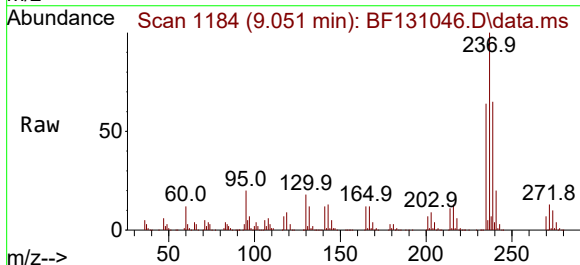
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.7	94.1
179	21.3	16.7	25.1
108	21.2	15.4	23.0

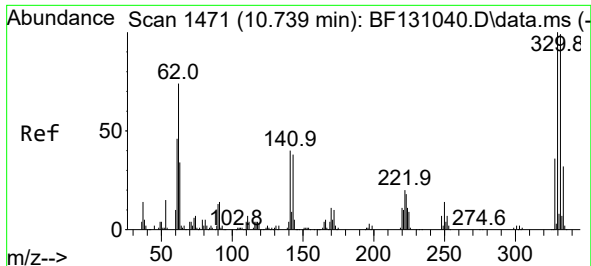


#41
Hexachlorocyclopentadiene
Concen: 91.033 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:237 Resp: 362382

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.6	83.6
272	12.6	0.0	33.8





#42

2,4,6-Tribromophenol

Concen: 119.877 ng

RT: 10.745 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

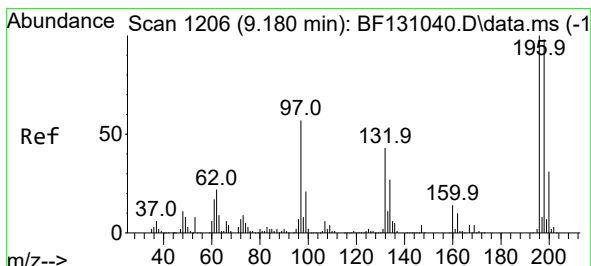
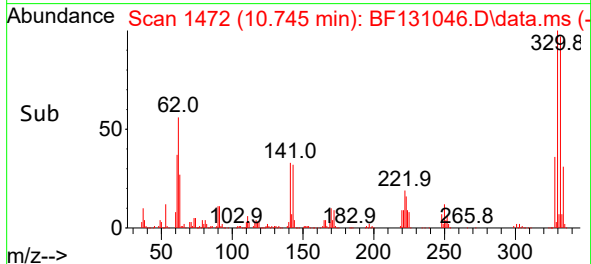
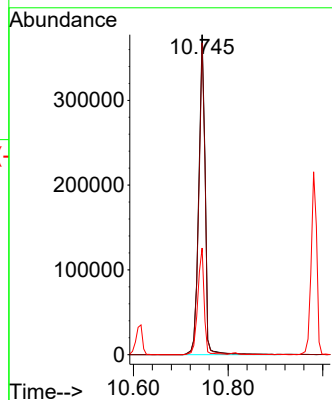
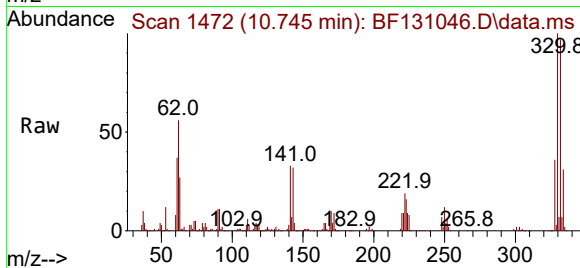
Tgt Ion:330 Resp: 353610

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 33.3 28.3 42.5



#43

2,4,6-Trichlorophenol

Concen: 40.207 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

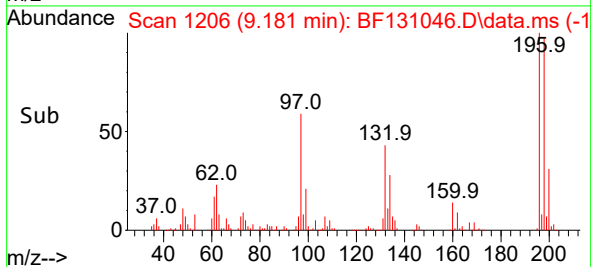
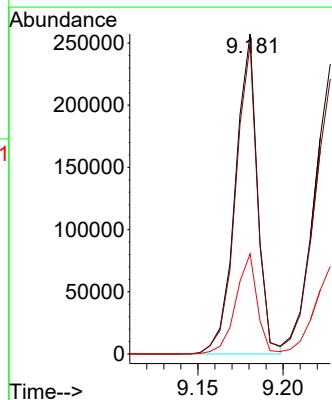
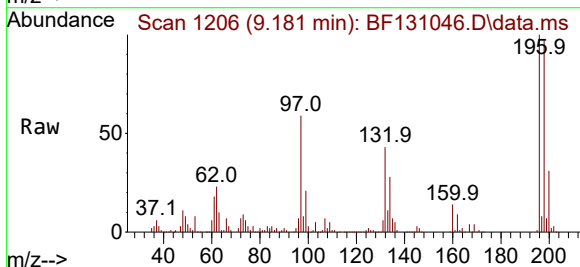
Tgt Ion:196 Resp: 231575

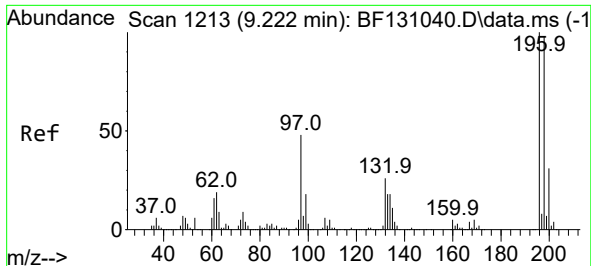
Ion Ratio Lower Upper

196 100

198 96.9 78.2 117.2

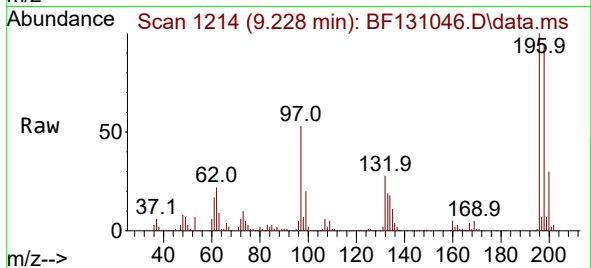
200 31.3 25.0 37.4



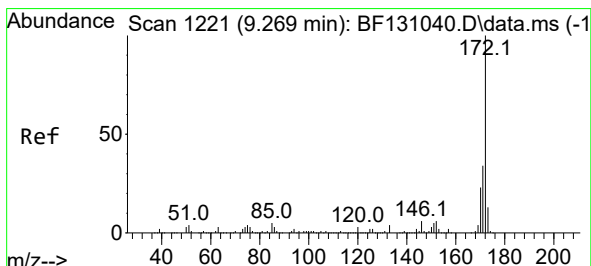
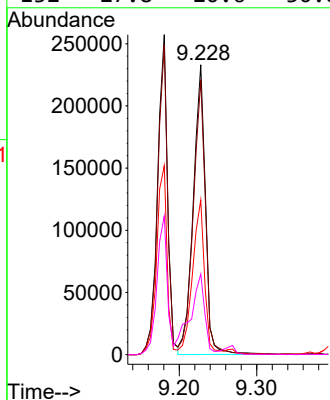
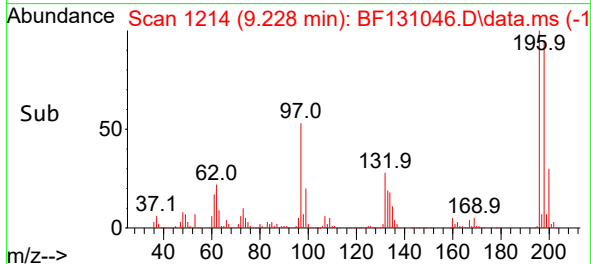


#44
2,4,5-Trichlorophenol
Concen: 39.704 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

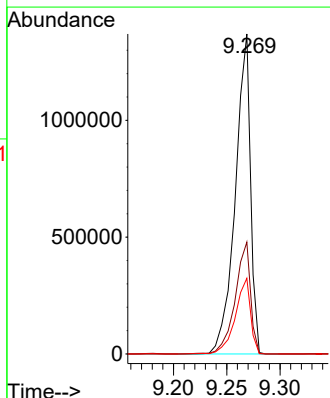
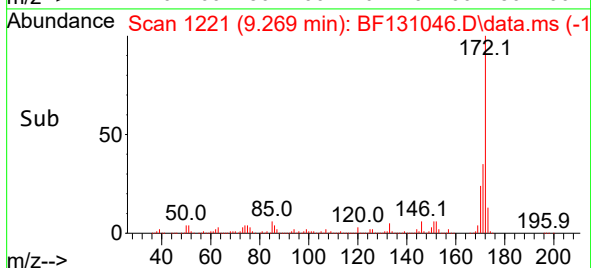
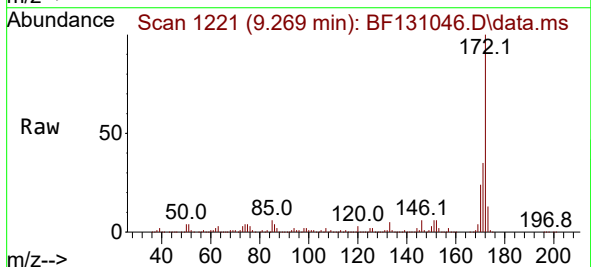


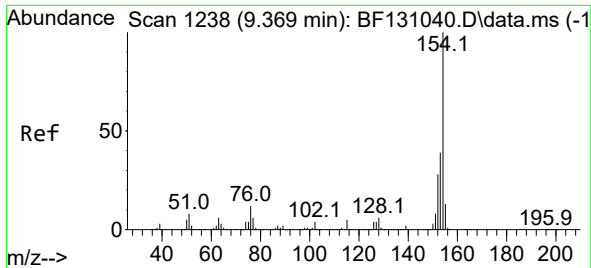
Tgt Ion:196 Resp: 256422
Ion Ratio Lower Upper
196 100
198 94.9 78.6 118.0
97 53.4 38.9 58.3
132 27.8 20.6 30.8



#45
2-Fluorobiphenyl
Concen: 69.227 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:172 Resp: 1360959
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.7 18.4 27.6

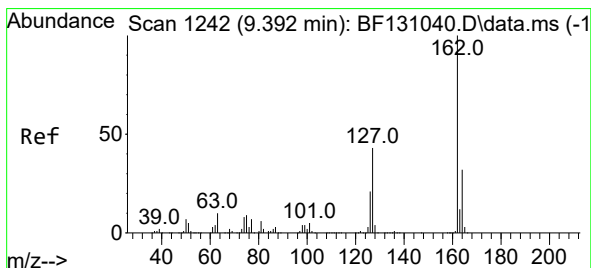
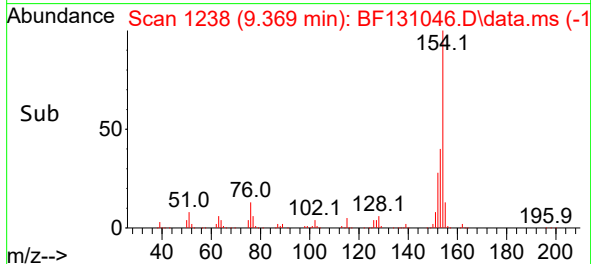
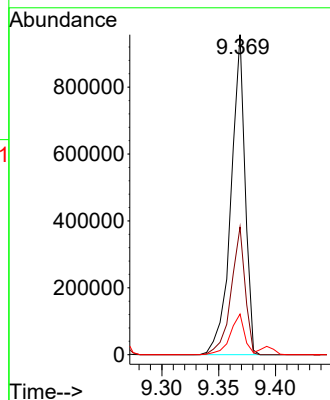
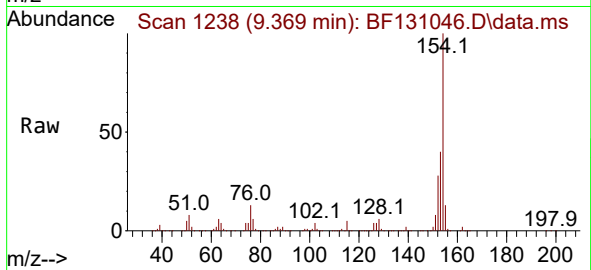




#46
 1,1'-Biphenyl
 Concen: 39.503 ng
 RT: 9.369 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

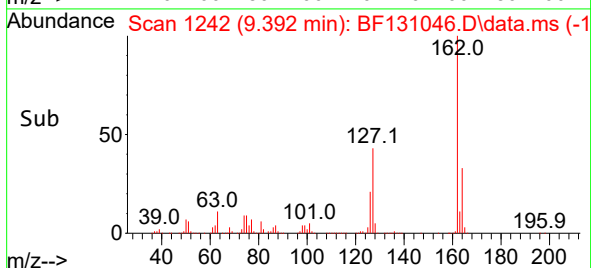
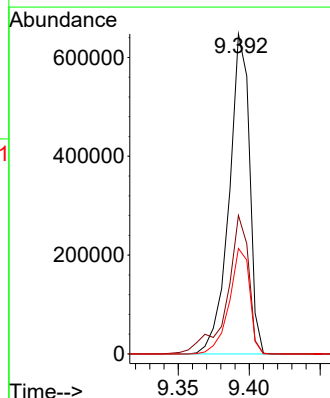
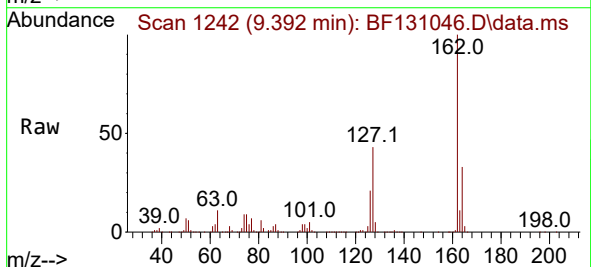
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

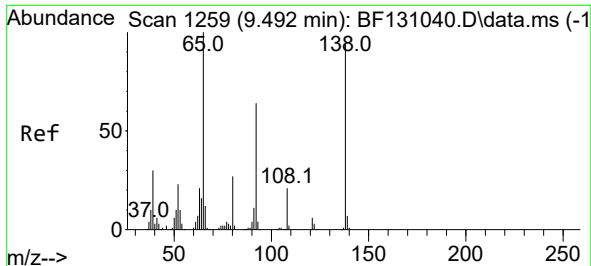
Tgt Ion:154 Resp: 824360
 Ion Ratio Lower Upper
 154 100
 153 39.9 19.3 59.3
 76 12.7 0.0 32.0



#47
 2-Chloronaphthalene
 Concen: 38.139 ng
 RT: 9.392 min Scan# 1242
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Tgt Ion:162 Resp: 645258
 Ion Ratio Lower Upper
 162 100
 127 43.3 34.6 51.8
 164 32.9 26.0 39.0

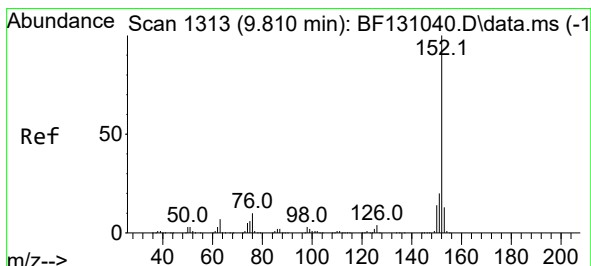
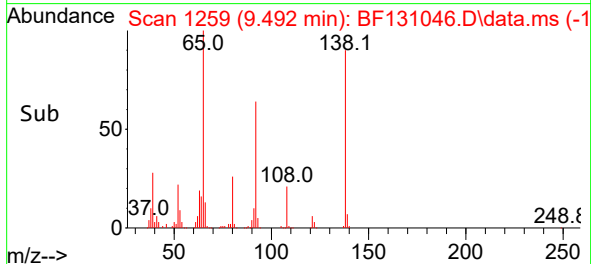
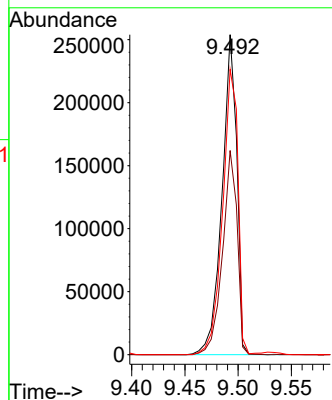
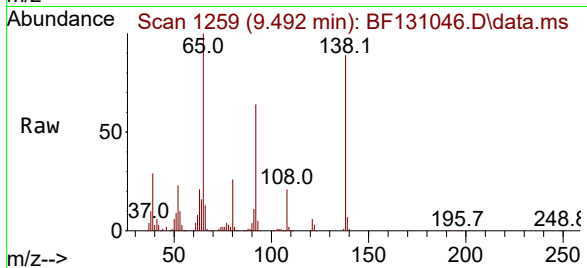




#48
2-Nitroaniline
Concen: 39.033 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

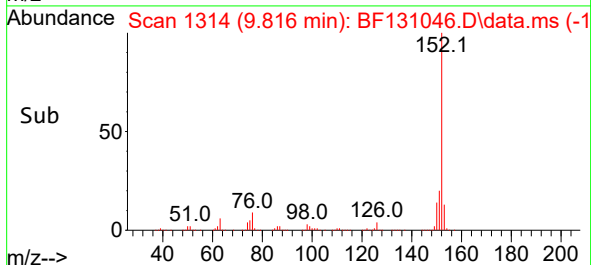
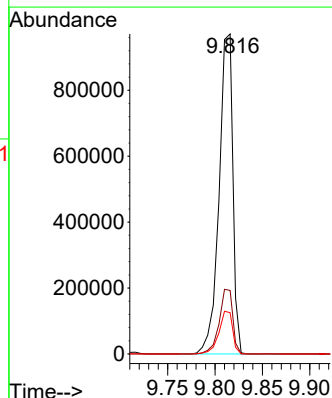
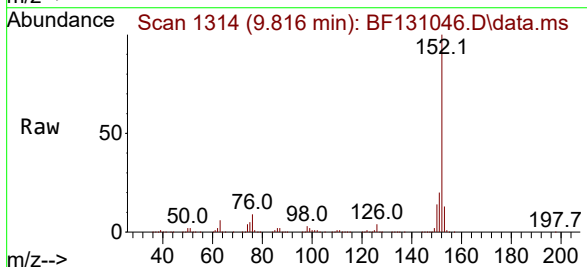
Instrument :
BNA_F
ClientSampleId :
PB148686BS

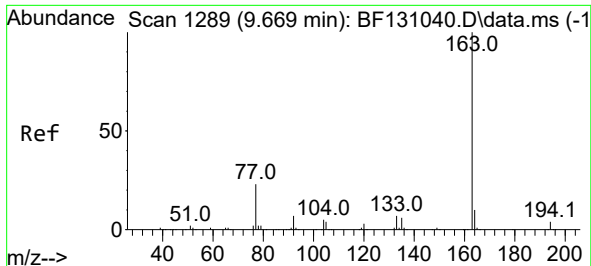
Tgt Ion: 65 Resp: 242714
Ion Ratio Lower Upper
65 100
92 63.8 51.3 76.9
138 89.2 75.0 112.4



#49
Acenaphthylene
Concen: 37.901 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 152 Resp: 985387
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.9 10.4 15.6

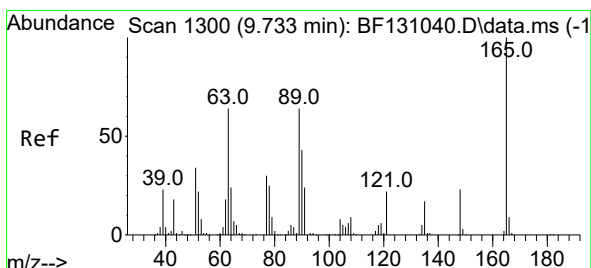
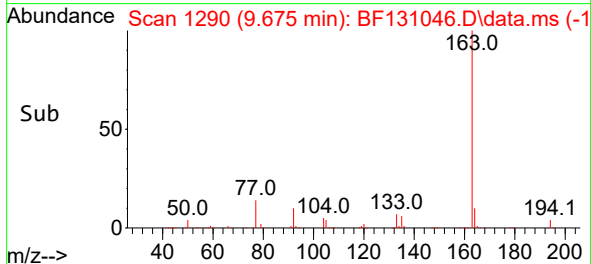
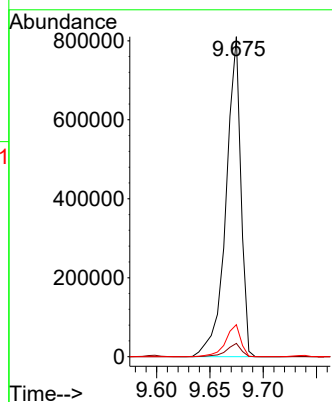
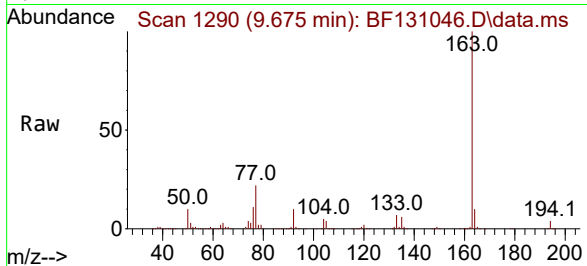




#50
Dimethylphthalate
Concen: 37.778 ng
RT: 9.675 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

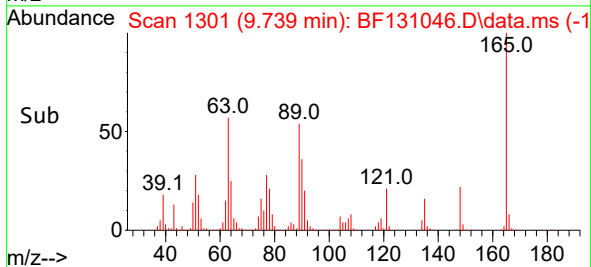
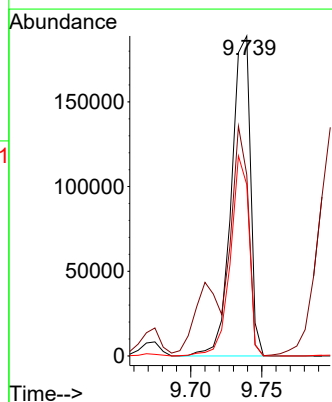
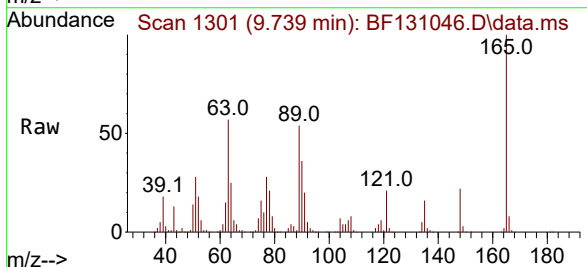
Instrument :
BNA_F
ClientSampleId :
PB148686BS

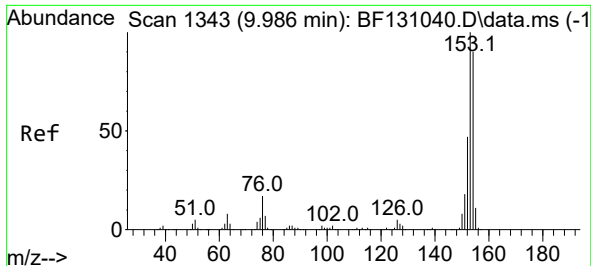
Tgt Ion:163 Resp: 782221
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 40.099 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:165 Resp: 176627
Ion Ratio Lower Upper
165 100
63 56.6 57.2 85.8#
89 53.5 51.4 77.2

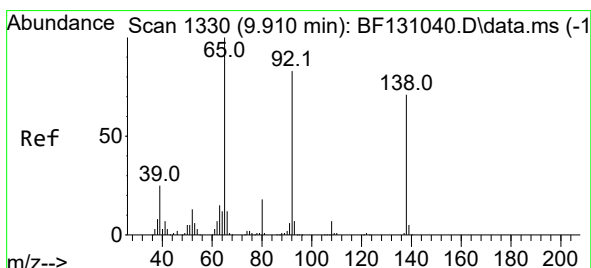
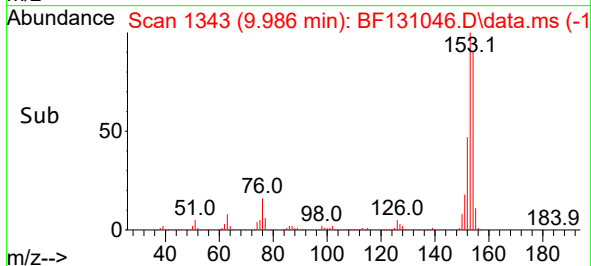
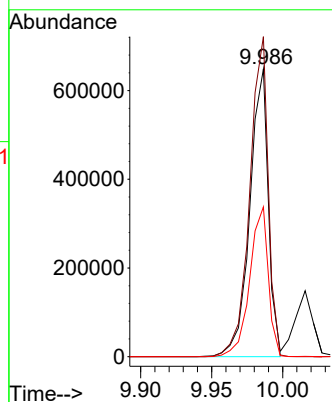
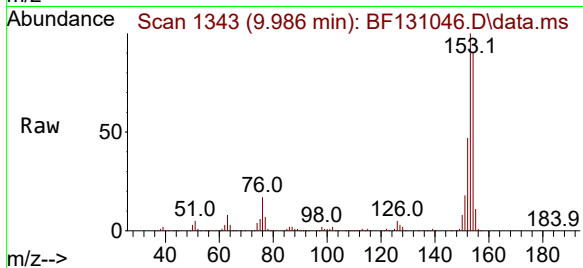




#52
Acenaphthene
Concen: 37.023 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

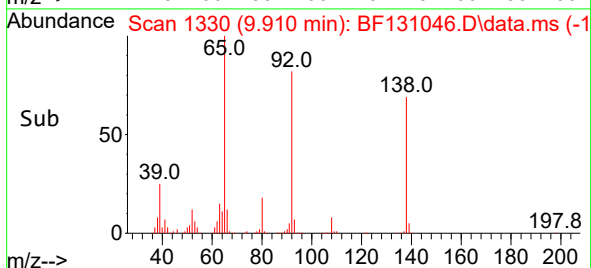
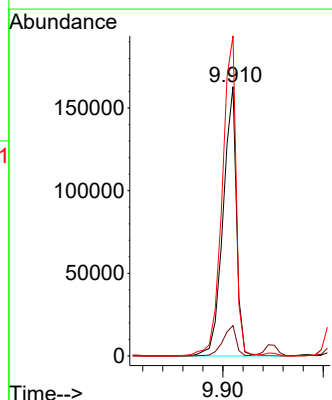
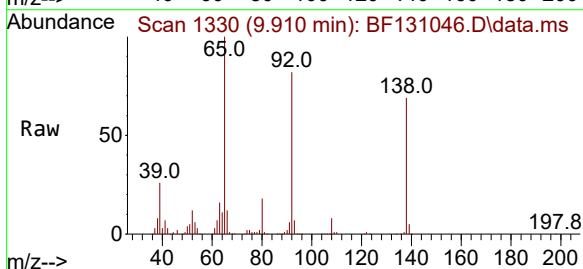
Instrument :
BNA_F
ClientSampleId :
PB148686BS

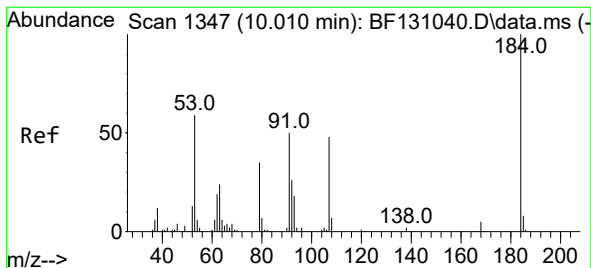
Tgt Ion:154 Resp: 589403
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.6
152 52.1 42.1 63.1



#53
3-Nitroaniline
Concen: 31.657 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:138 Resp: 150498
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 118.8 93.8 140.6

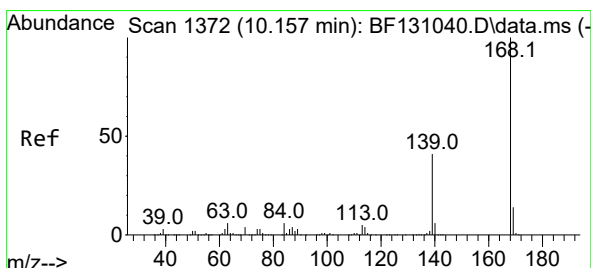
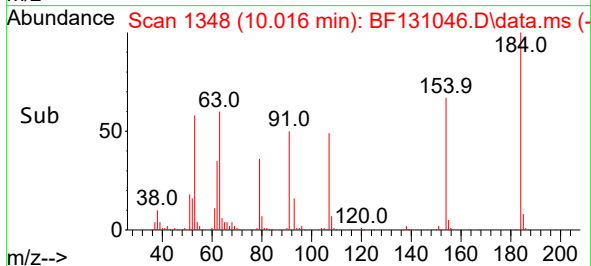
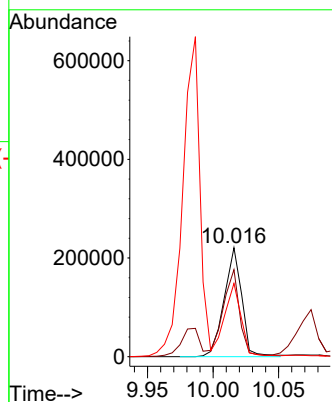
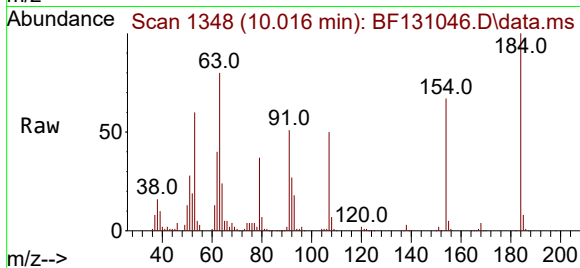




#54
2,4-Dinitrophenol
Concen: 93.136 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

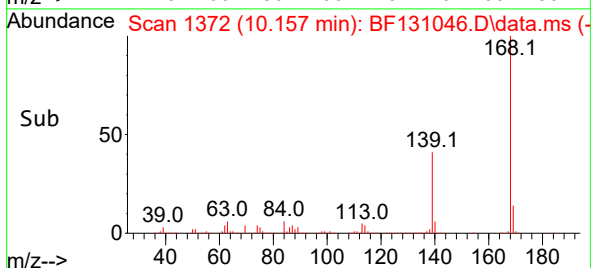
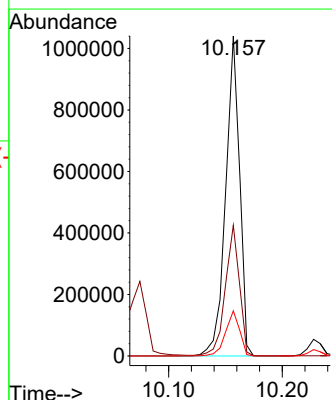
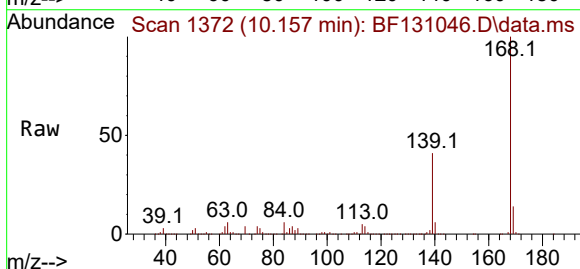
Instrument :
BNA_F
ClientSampleId :
PB148686BS

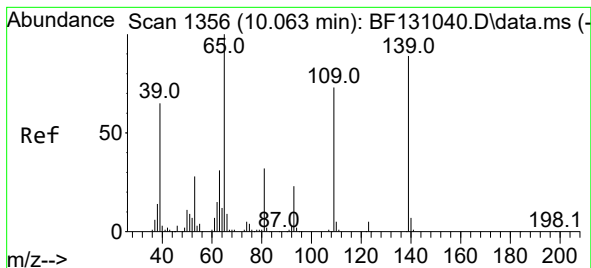
Tgt Ion:184 Resp: 206575
Ion Ratio Lower Upper
184 100
63 79.8 63.8 95.8
154 67.2 53.8 80.6



#55
Dibenzofuran
Concen: 41.080 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:168 Resp: 888724
Ion Ratio Lower Upper
168 100
139 40.8 33.0 49.6
169 14.1 11.3 16.9

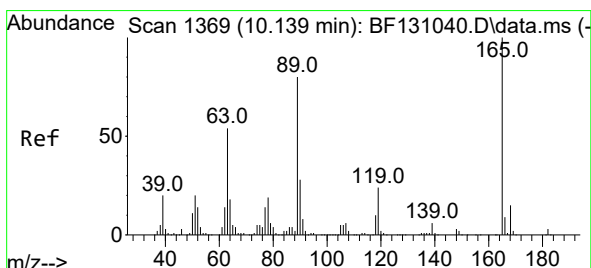
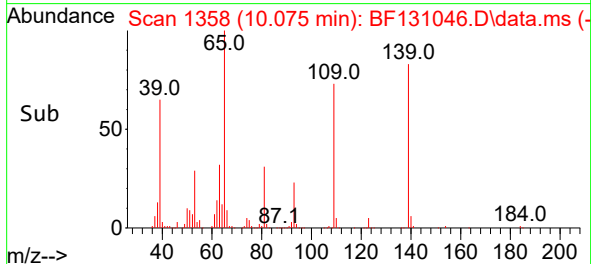
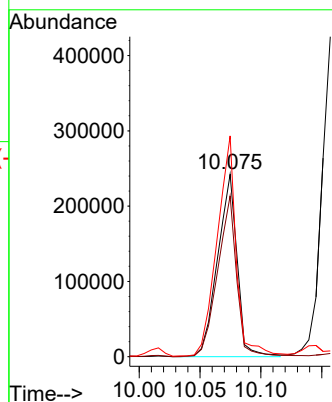
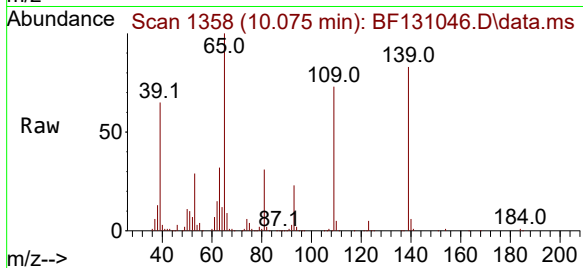




#56
4-Nitrophenol
Concen: 80.697 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

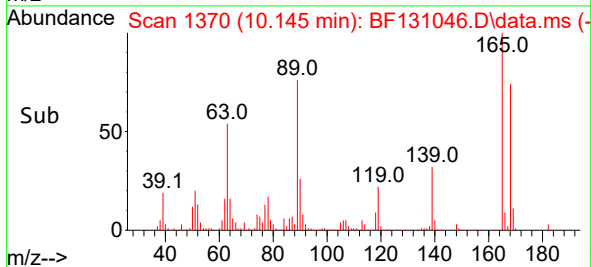
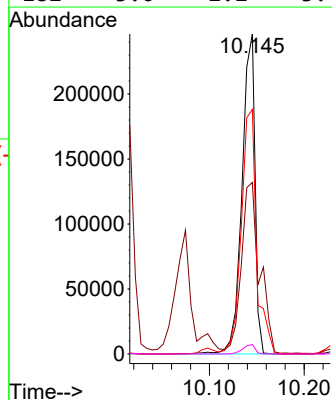
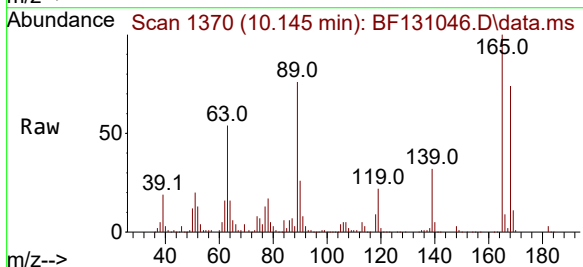
Instrument :
BNA_F
ClientSampleId :
PB148686BS

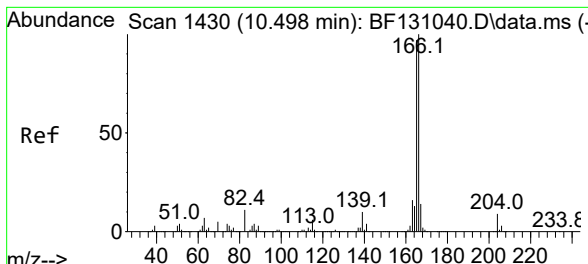
Tgt Ion:139 Resp: 270775
Ion Ratio Lower Upper
139 100
109 88.1 62.3 102.3
65 121.0 92.6 132.6



#57
2,4-Dinitrotoluene
Concen: 40.893 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:165 Resp: 234014
Ion Ratio Lower Upper
165 100
63 53.6 43.4 65.0
89 76.4 64.0 96.0
182 3.0 2.2 3.4

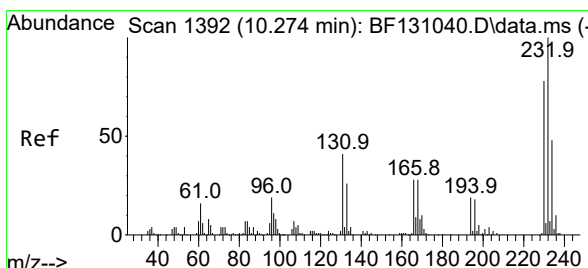
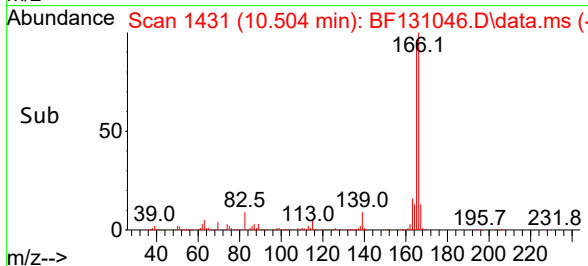
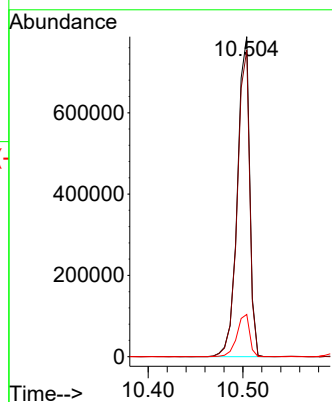
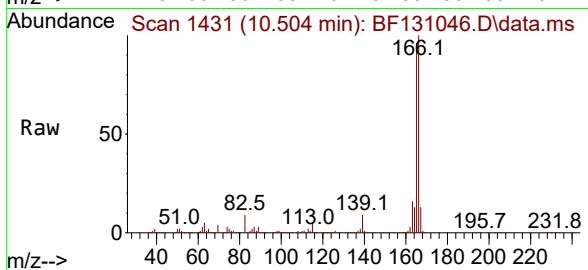




#58
Fluorene
Concen: 36.778 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

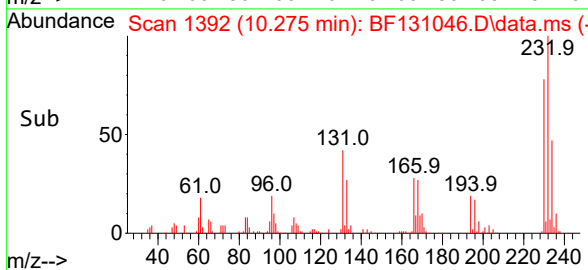
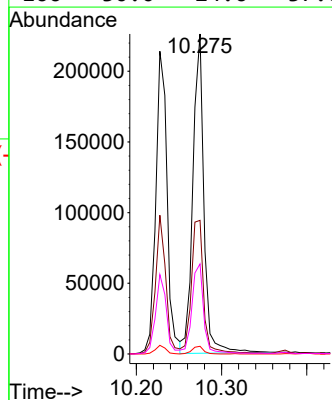
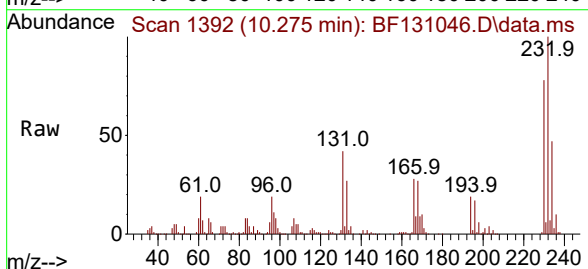
Instrument :
BNA_F
ClientSampleId :
PB148686BS

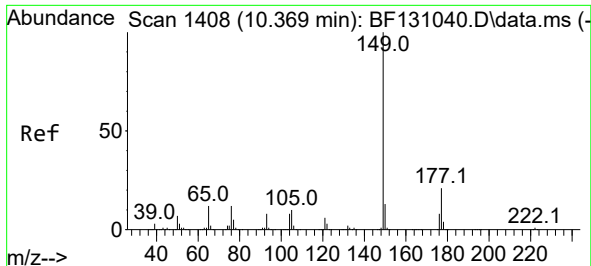
Tgt Ion:166 Resp: 708008
Ion Ratio Lower Upper
166 100
165 95.8 77.2 115.8
167 13.2 10.8 16.2



#59
2,3,4,6-Tetrachlorophenol
Concen: 38.594 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:232 Resp: 203063
Ion Ratio Lower Upper
232 100
131 47.1 37.8 56.6
130 2.5 2.2 3.2
166 30.0 24.6 37.0

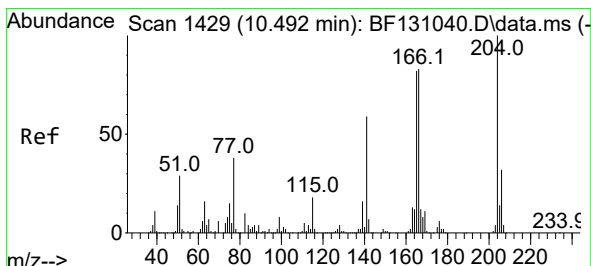
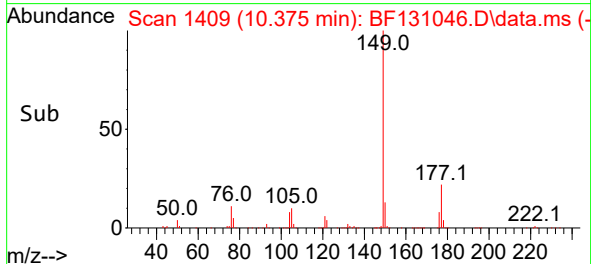
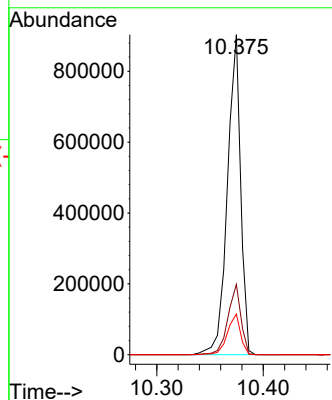
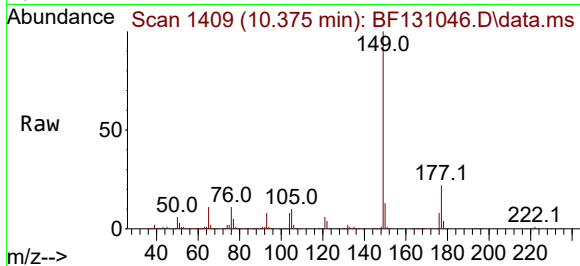




#60
Diethylphthalate
Concen: 36.079 ng
RT: 10.375 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

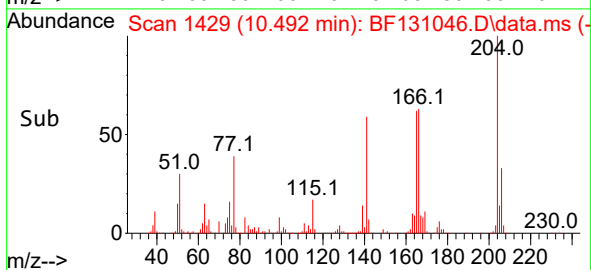
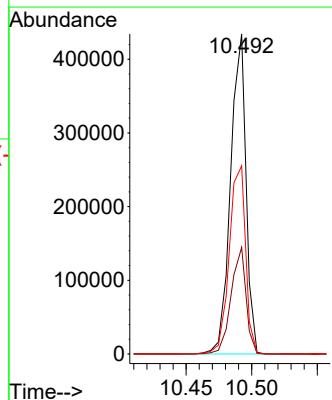
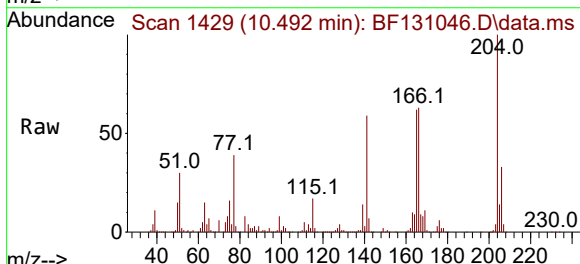
Instrument :
BNA_F
ClientSampleId :
PB148686BS

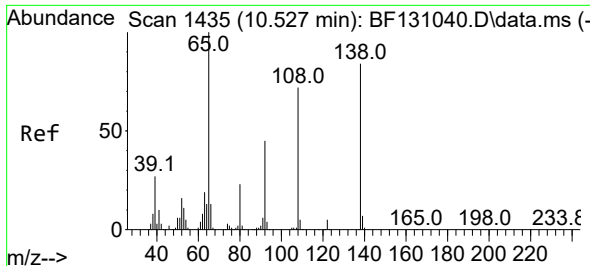
Tgt Ion:149 Resp: 778552
Ion Ratio Lower Upper
149 100
177 22.0 16.6 25.0
150 12.7 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 37.251 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:204 Resp: 355188
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 58.8 47.1 70.7

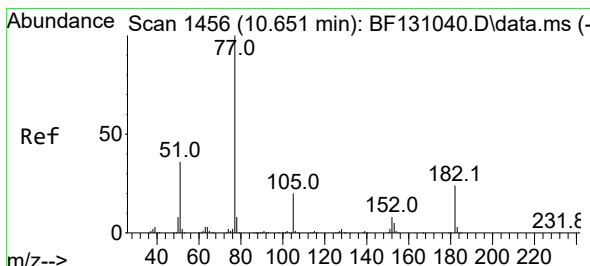
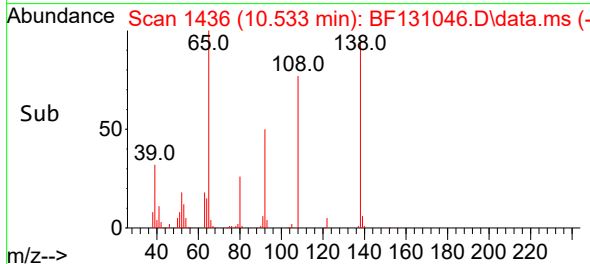
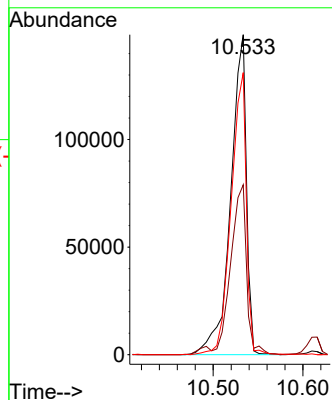
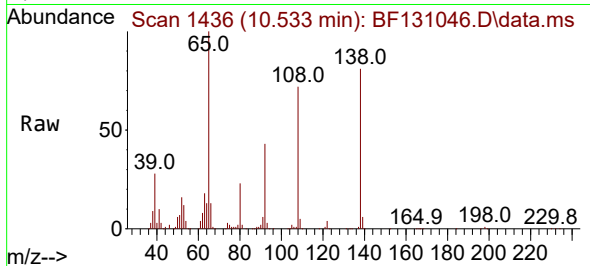




#62
4-Nitroaniline
Concen: 37.140 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

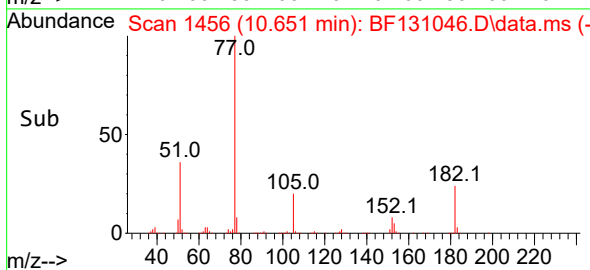
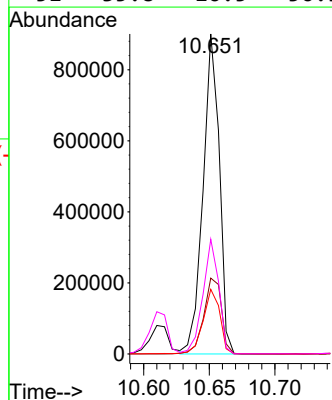
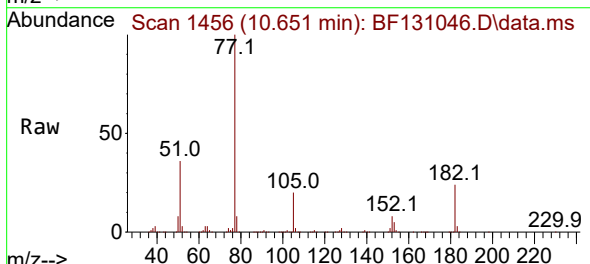
Instrument :
BNA_F
ClientSampleId :
PB148686BS

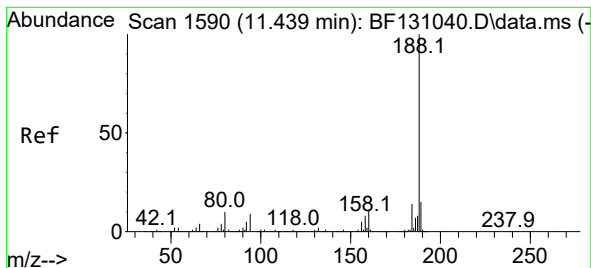
Tgt Ion:138 Resp: 180994
Ion Ratio Lower Upper
138 100
92 53.1 33.5 73.5
108 88.2 66.0 106.0



#63
Azobenzene
Concen: 37.165 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion: 77 Resp: 779506
Ion Ratio Lower Upper
77 100
182 23.7 3.9 43.9
105 20.2 0.0 39.9
51 35.8 16.5 56.5

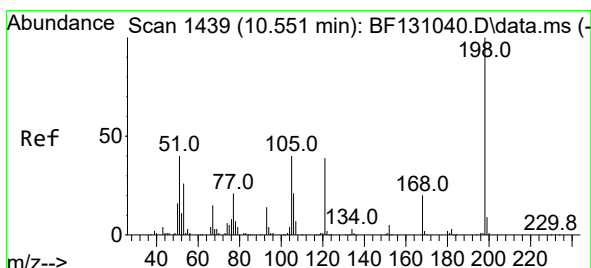
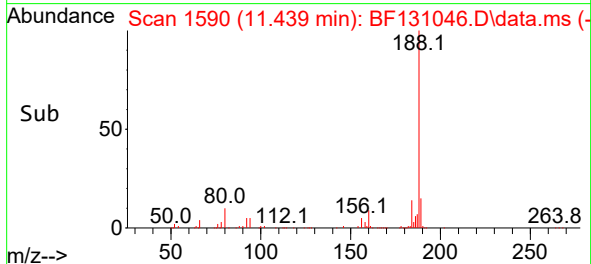
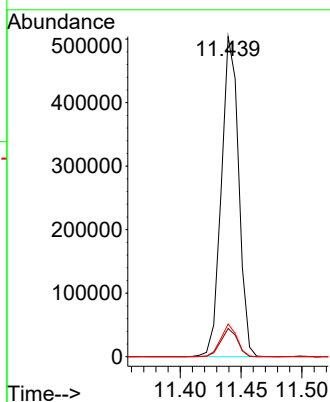
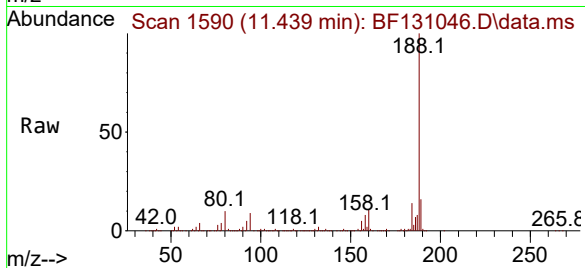




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

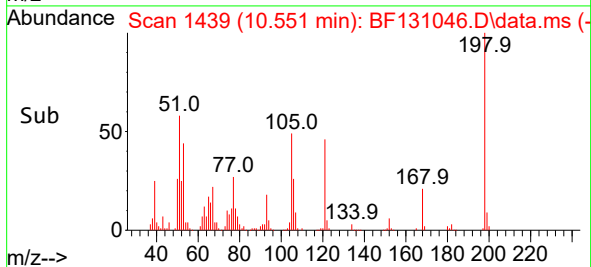
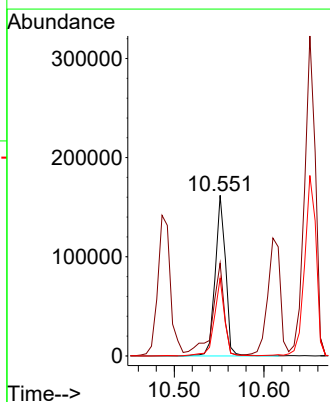
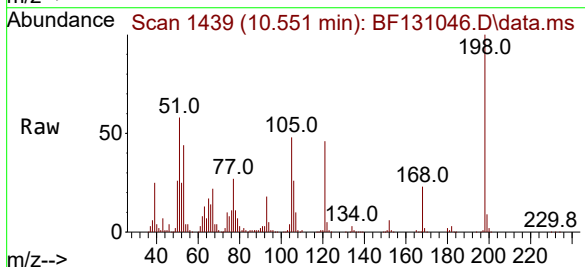
Instrument :
BNA_F
ClientSampleId :
PB148686BS

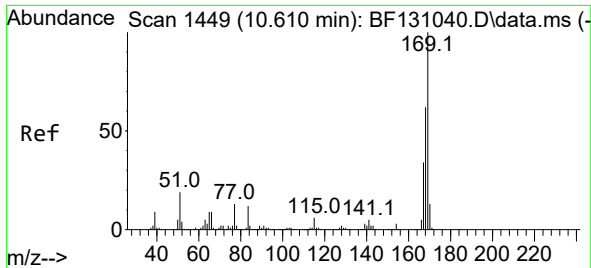
Tgt Ion:188 Resp: 498626
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.2 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 41.245 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:198 Resp: 130500
Ion Ratio Lower Upper
198 100
51 57.8 24.0 64.0
105 48.4 20.3 60.3

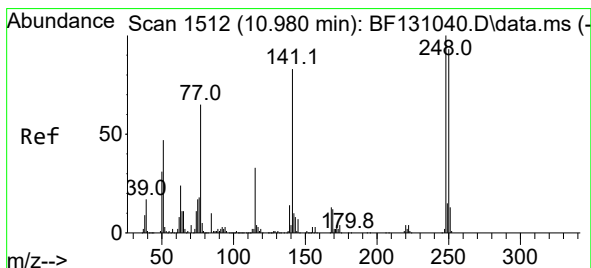
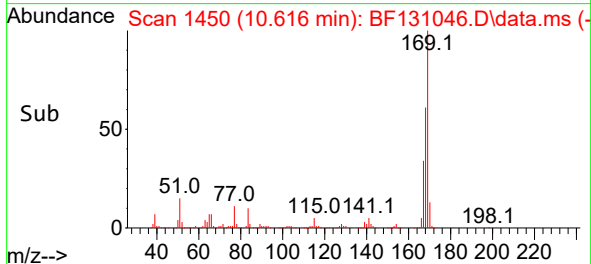
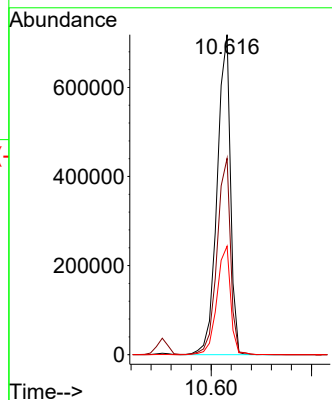
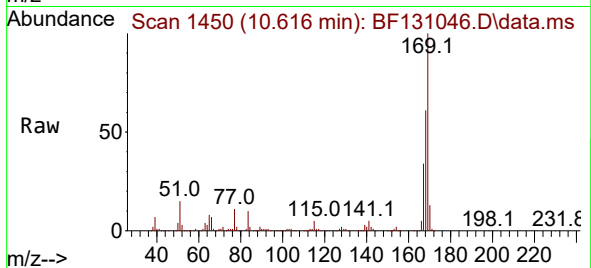




#66
n-Nitrosodiphenylamine
Concen: 37.526 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

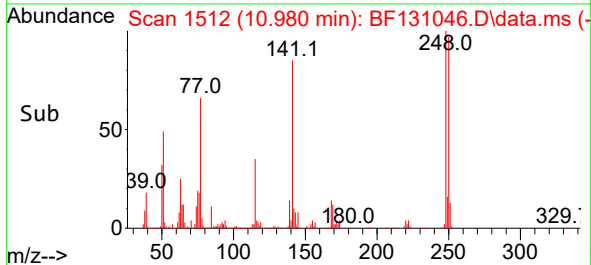
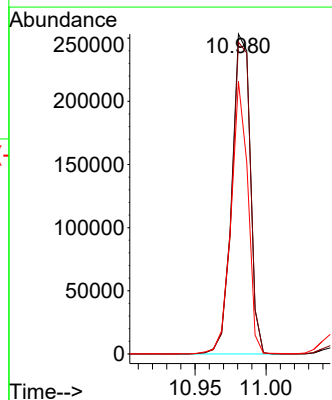
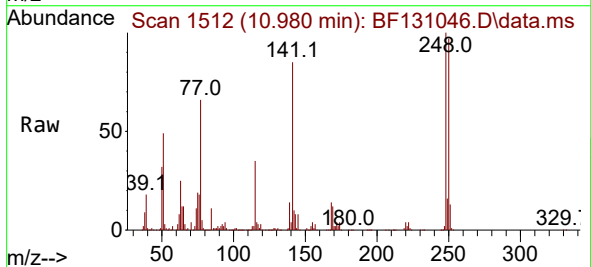
Instrument :
BNA_F
ClientSampleId :
PB148686BS

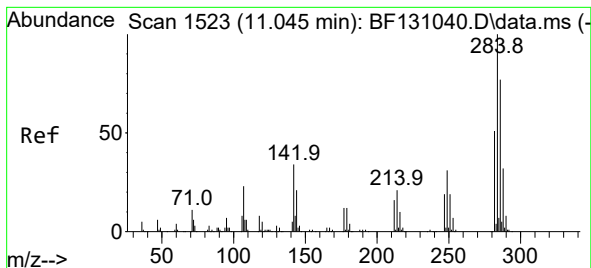
Tgt Ion:169 Resp: 661184
Ion Ratio Lower Upper
169 100
168 61.3 49.4 74.2
167 33.9 27.2 40.8



#67
4-Bromophenyl-phenylether
Concen: 36.410 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:248 Resp: 228108
Ion Ratio Lower Upper
248 100
250 97.5 74.6 112.0
141 85.1 66.2 99.2





#68

Hexachlorobenzene

Concen: 36.977 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

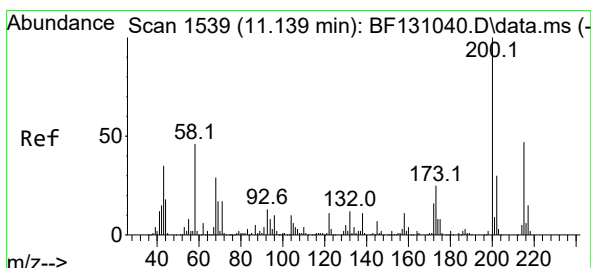
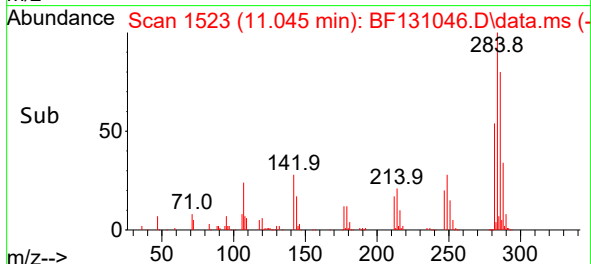
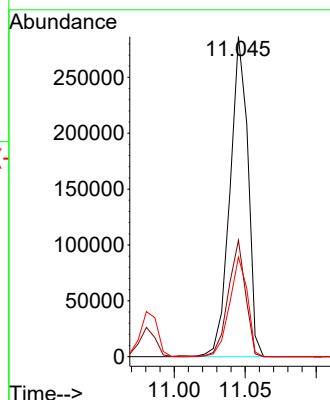
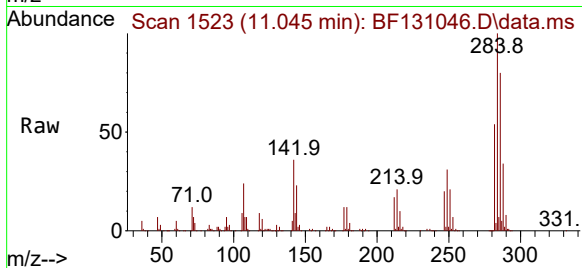
Tgt Ion:284 Resp: 251285

Ion Ratio Lower Upper

284 100

142 36.4 27.4 41.2

249 31.1 25.1 37.7



#69

Atrazine

Concen: 41.149 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

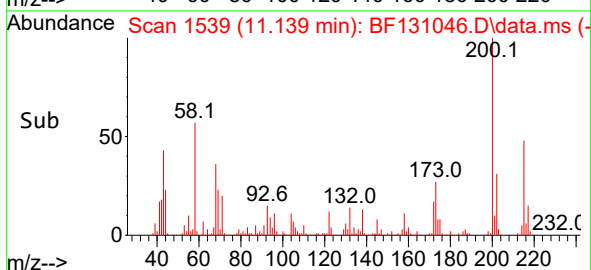
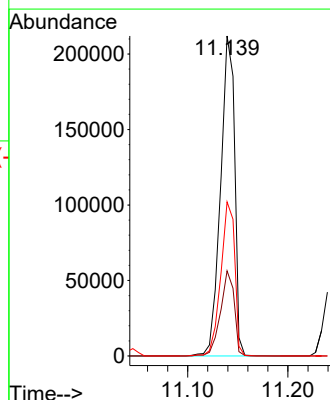
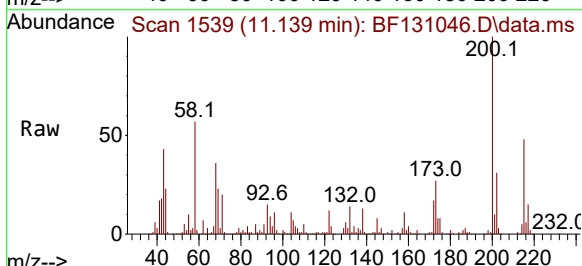
Tgt Ion:200 Resp: 206237

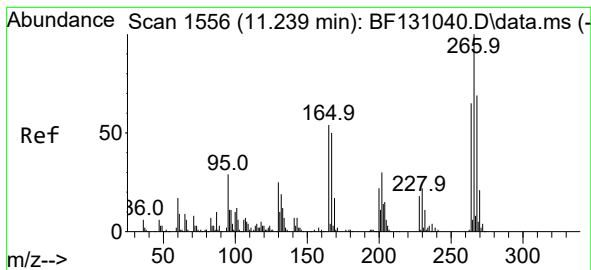
Ion Ratio Lower Upper

200 100

173 26.6 5.1 45.1

215 48.1 27.5 67.5





#70

Pentachlorophenol

Concen: 87.822 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

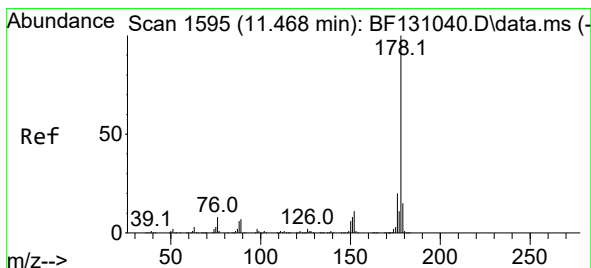
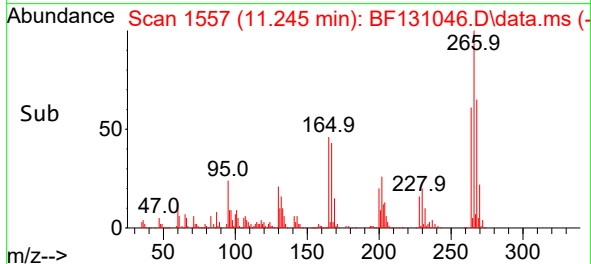
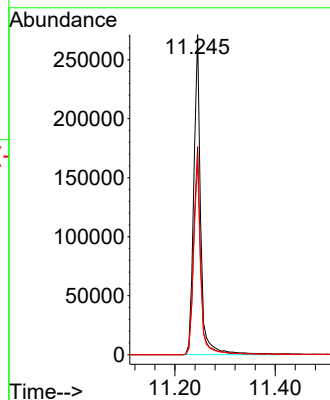
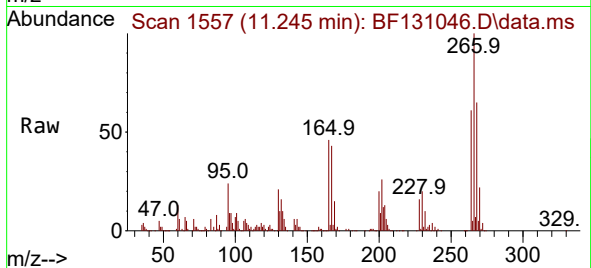
Tgt Ion:266 Resp: 258940

Ion Ratio Lower Upper

266 100

268 65.0 54.8 82.2

264 61.4 52.3 78.5



#71

Phenanthrene

Concen: 37.102 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.001 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

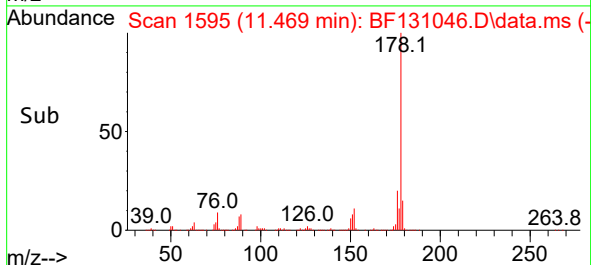
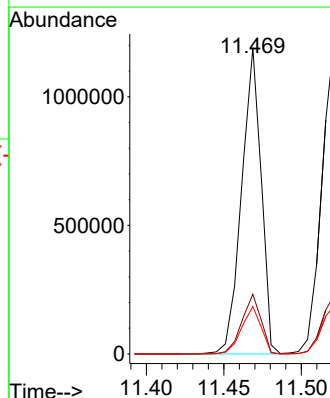
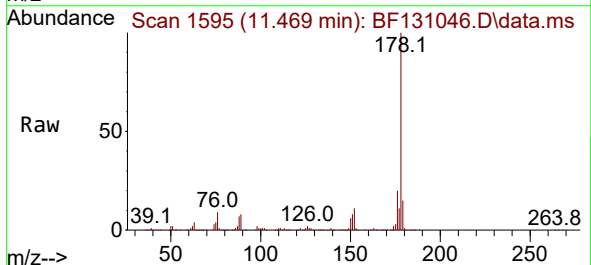
Tgt Ion:178 Resp: 1042046

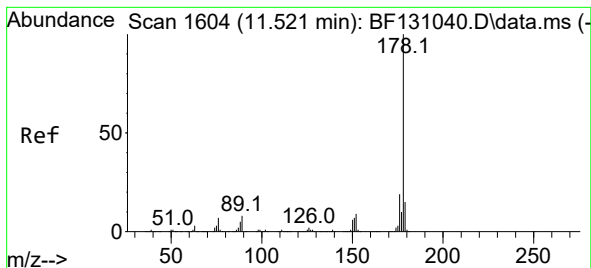
Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 15.5 12.3 18.5





#72

Anthracene

Concen: 38.121 ng

RT: 11.522 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

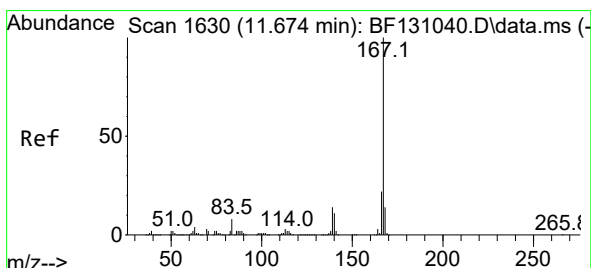
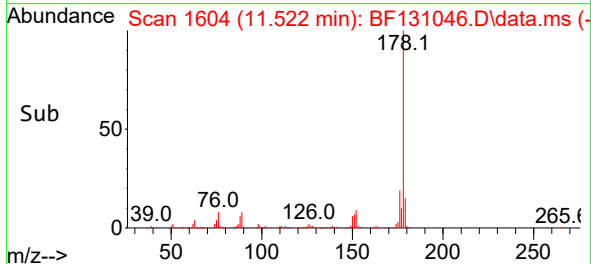
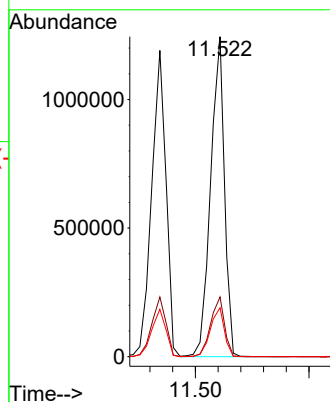
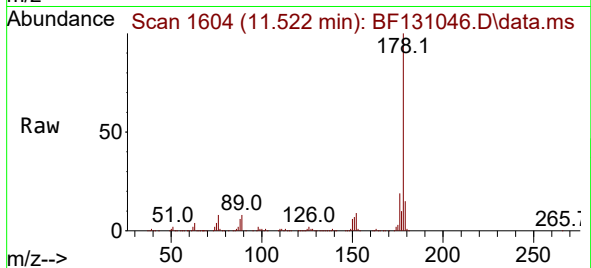
Tgt Ion:178 Resp: 1050922

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.3 12.4 18.6



#73

Carbazole

Concen: 39.201 ng

RT: 11.675 min Scan# 1630

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

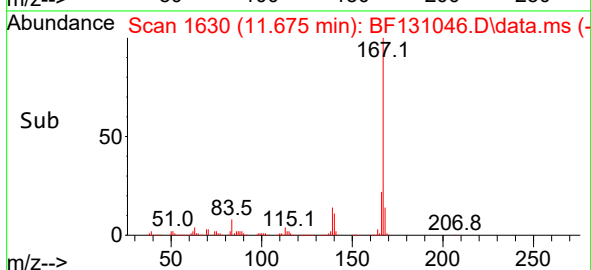
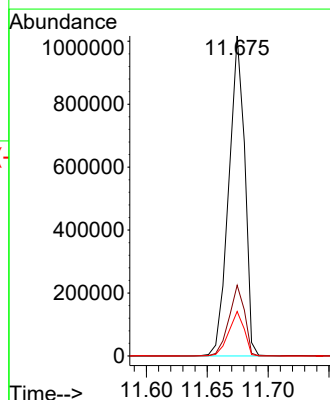
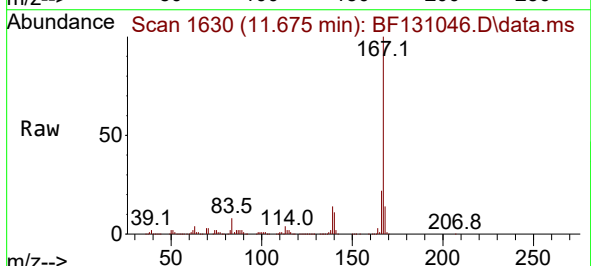
Tgt Ion:167 Resp: 924598

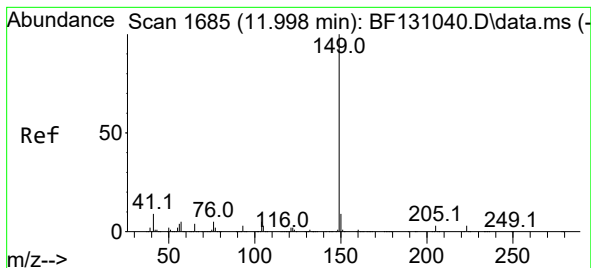
Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.9 11.0 16.4





#74

Di-n-butylphthalate

Concen: 37.401 ng

RT: 11.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

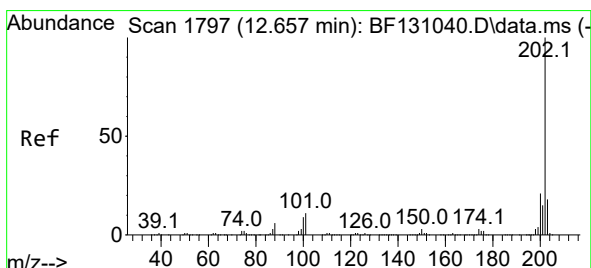
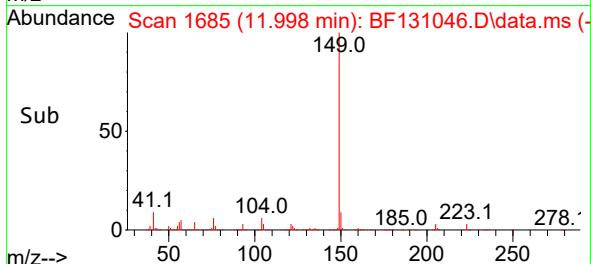
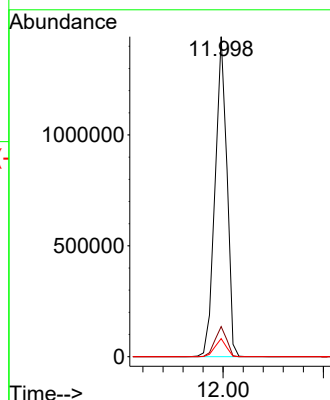
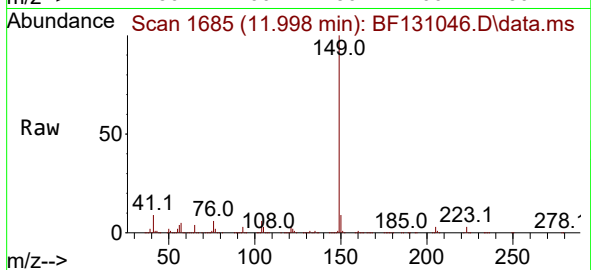
Tgt Ion:149 Resp: 1181581

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.7 4.3 6.5



#75

Fluoranthene

Concen: 36.413 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

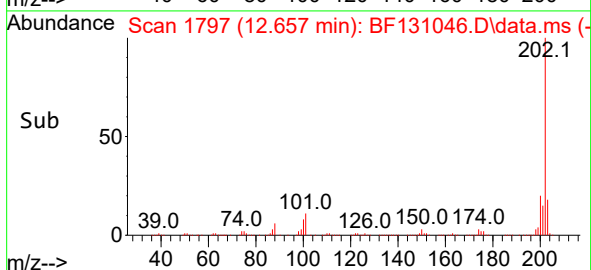
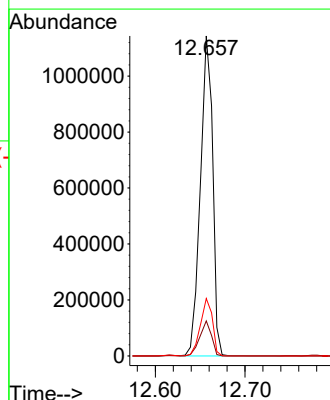
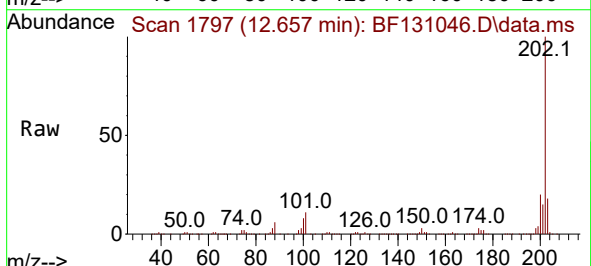
Tgt Ion:202 Resp: 1085543

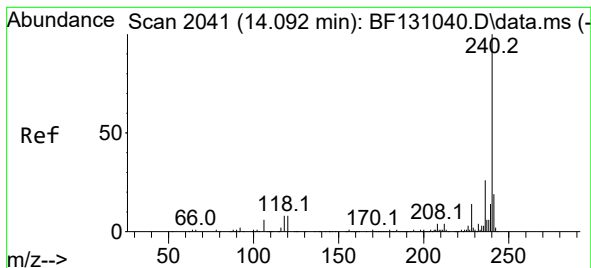
Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.9

203 18.0 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

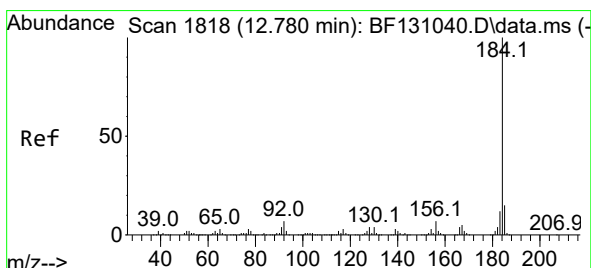
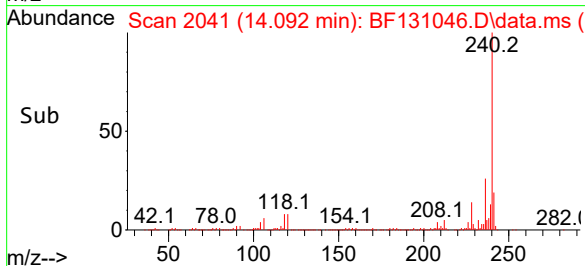
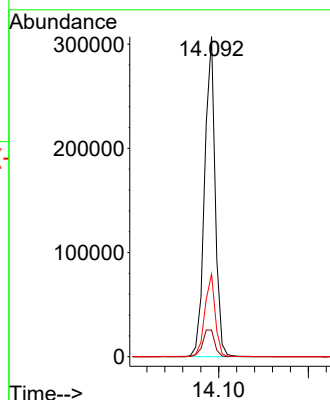
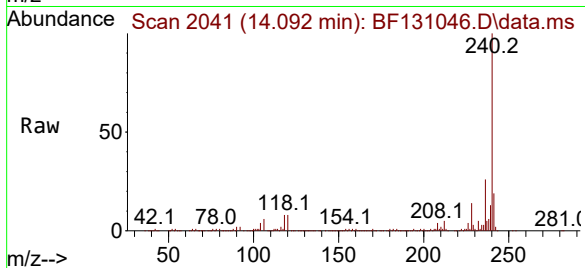
Tgt Ion:240 Resp: 250318

Ion Ratio Lower Upper

240 100

120 8.3 6.7 10.1

236 25.8 20.8 31.2



#77

Benzidine

Concen: 49.084 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

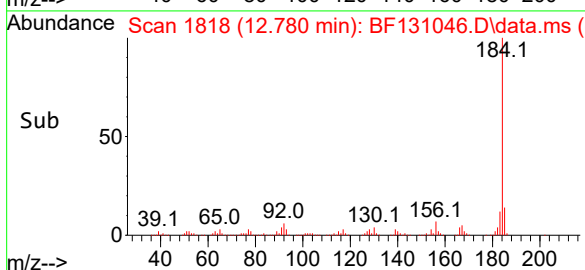
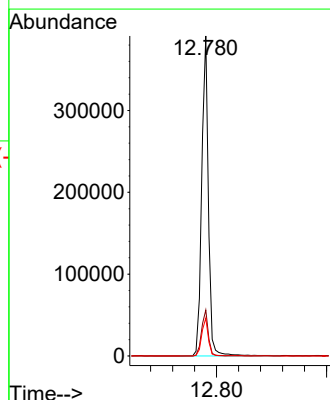
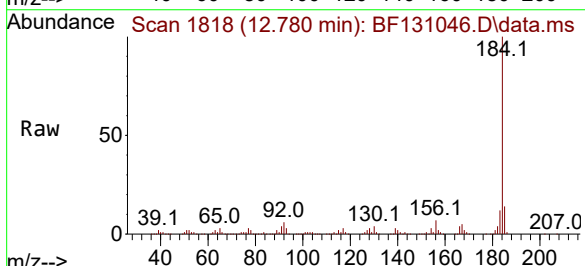
Tgt Ion:184 Resp: 331416

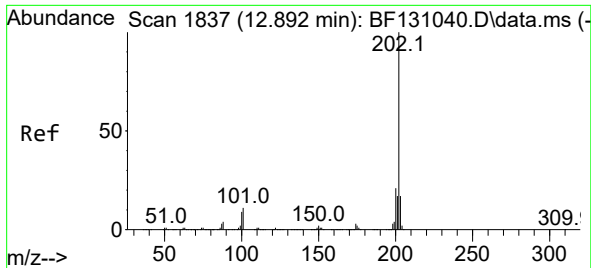
Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 11.8 10.0 15.0

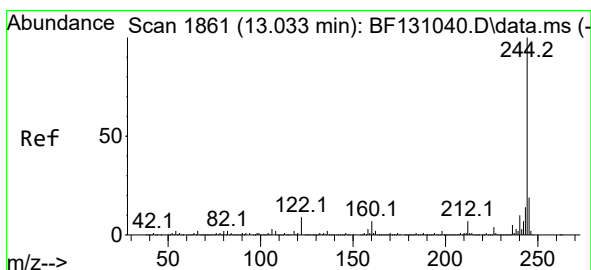
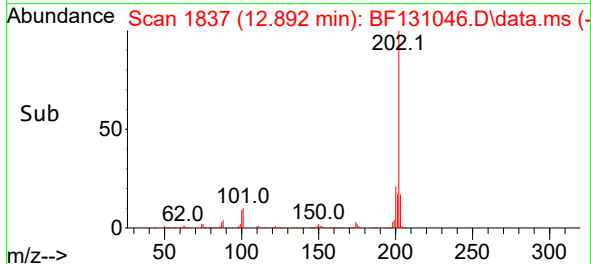
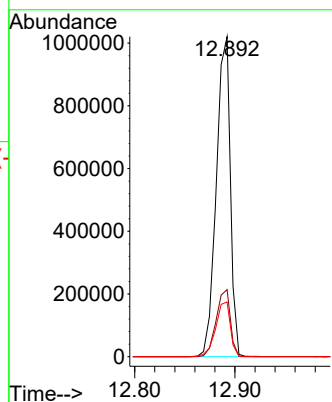
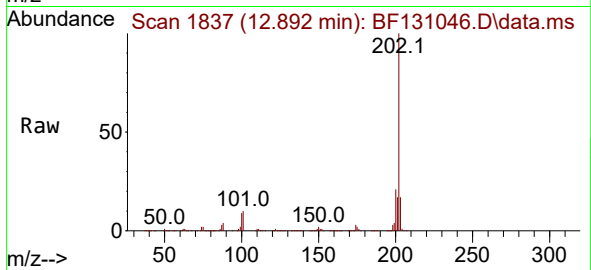




#78
 Pyrene
 Concen: 43.479 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

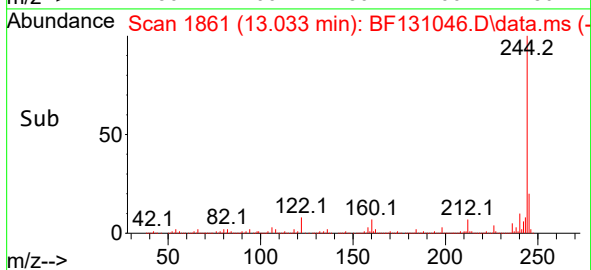
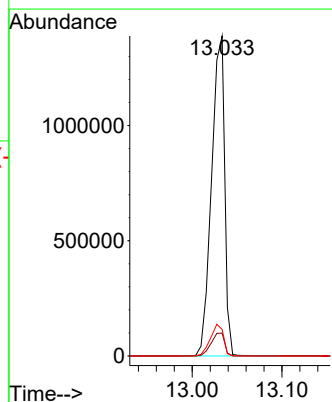
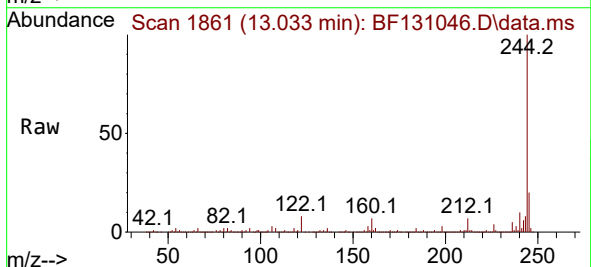
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

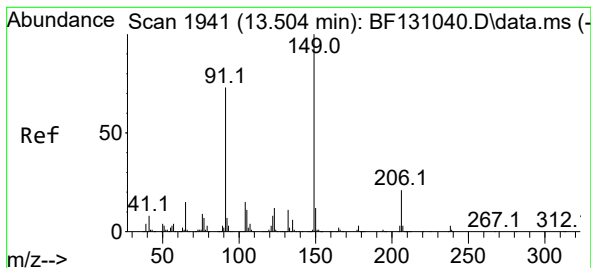
Tgt Ion:202 Resp: 991193
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.0 25.4
 203 17.1 13.8 20.8



#79
 Terphenyl-d14
 Concen: 90.268 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Tgt Ion:244 Resp: 1409371
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.3 7.0 10.4





#80

Butylbenzylphthalate

Concen: 44.046 ng

RT: 13.504 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

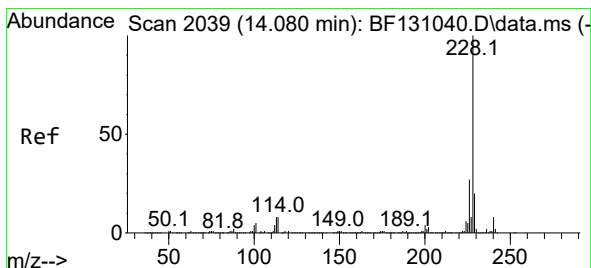
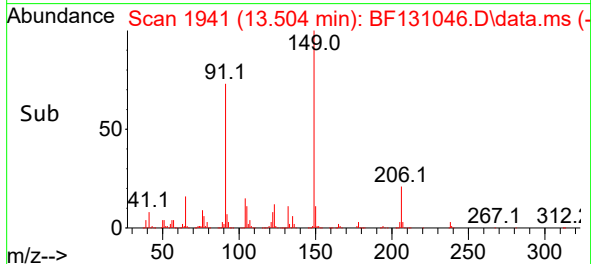
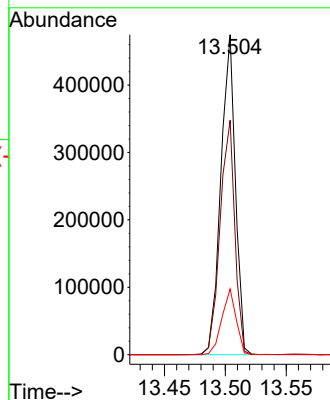
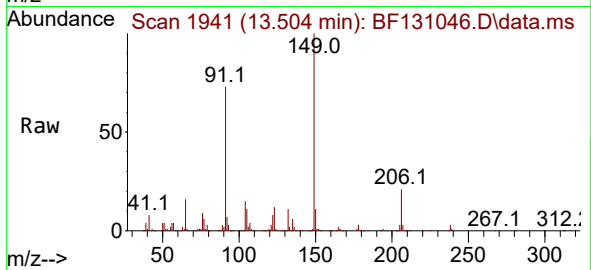
Tgt Ion:149 Resp: 395594

Ion Ratio Lower Upper

149 100

91 73.3 58.3 87.5

206 20.6 16.5 24.7



#81

Benzo(a)anthracene

Concen: 39.065 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

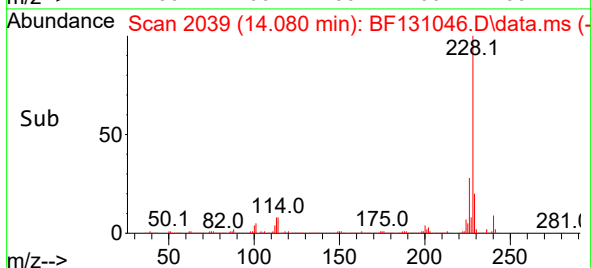
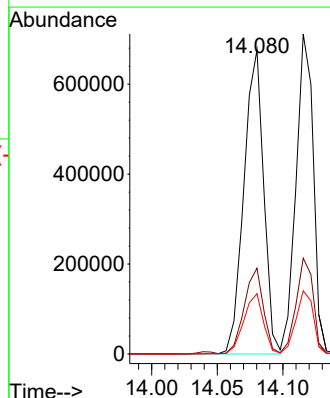
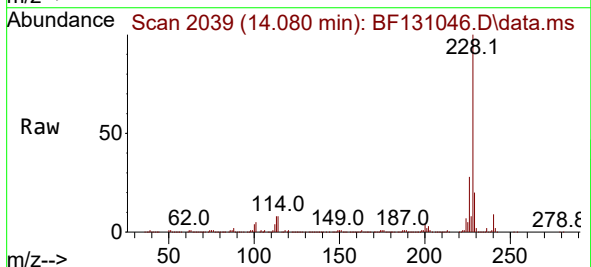
Tgt Ion:228 Resp: 710023

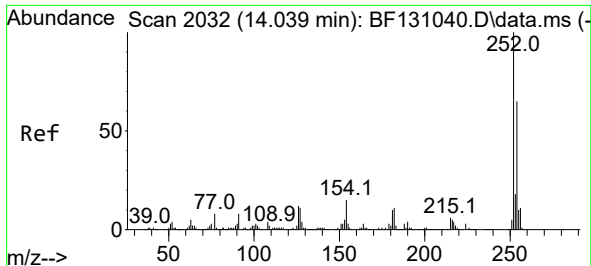
Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

229 19.9 15.8 23.6

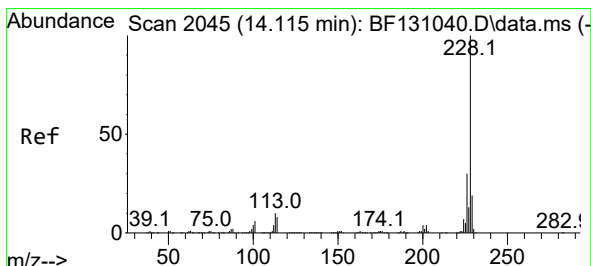
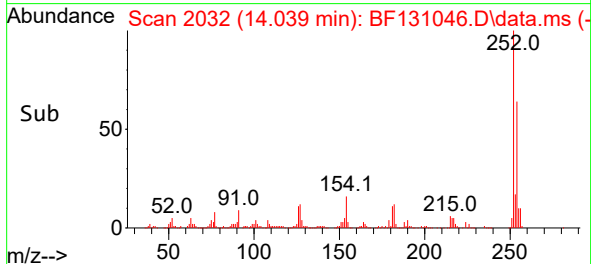
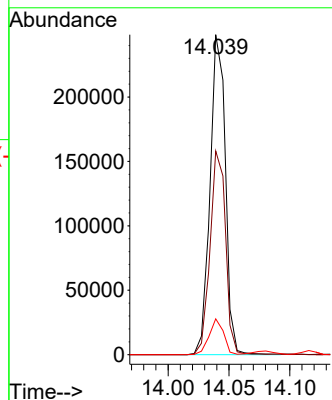
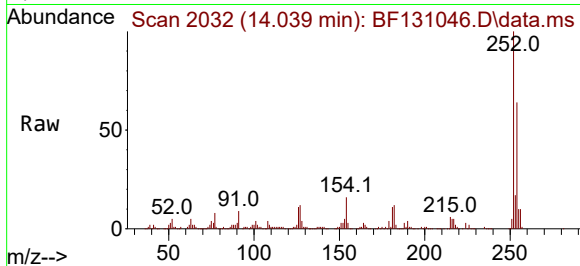




#82
 3,3'-Dichlorobenzidine
 Concen: 44.135 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

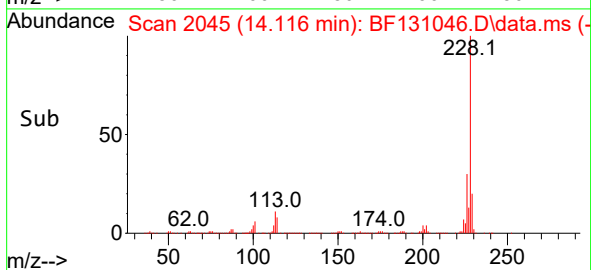
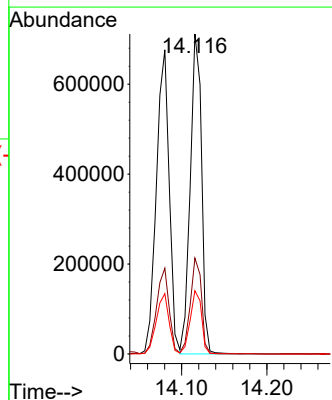
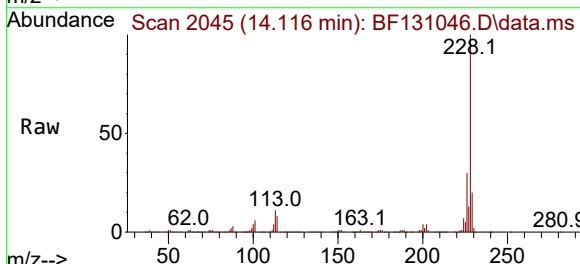
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

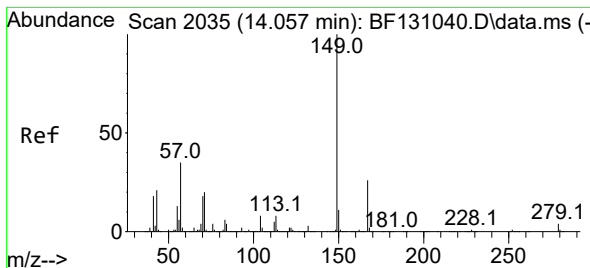
Tgt Ion:252 Resp: 217984
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.7 77.5
 126 11.2 9.2 13.8



#83
 Chrysene
 Concen: 37.924 ng
 RT: 14.116 min Scan# 2045
 Delta R.T. 0.001 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Tgt Ion:228 Resp: 654576
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.7 35.5
 229 19.8 15.4 23.0

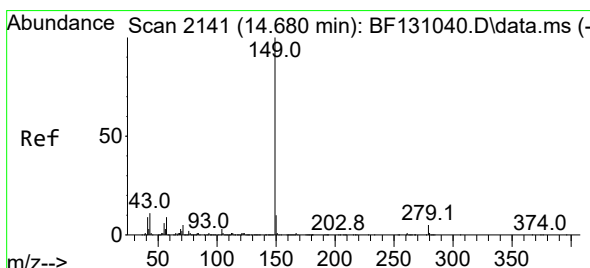
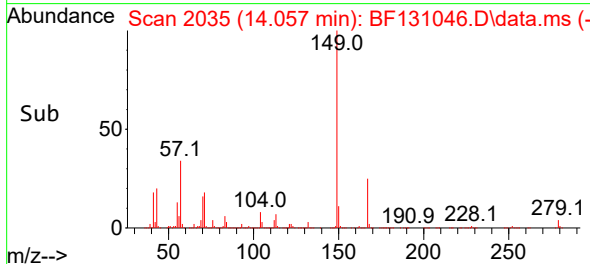
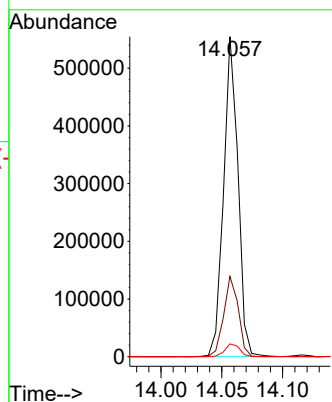
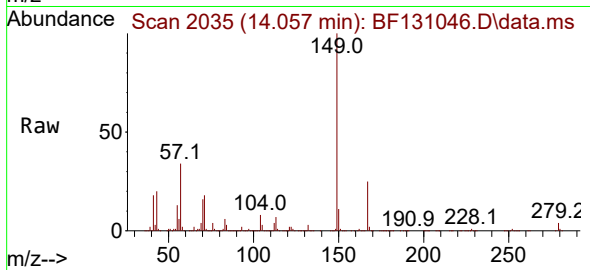




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.321 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.000 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

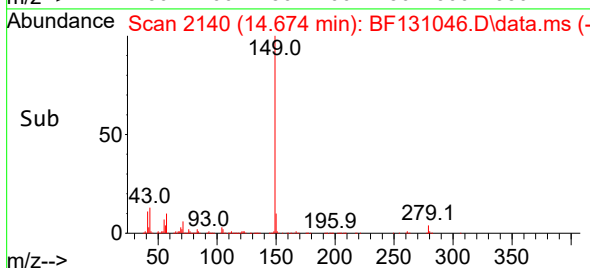
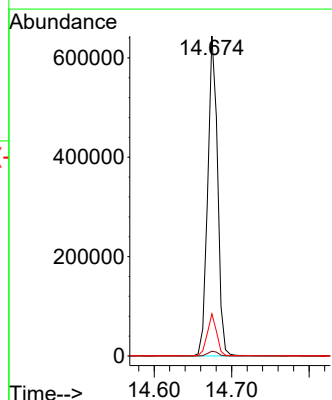
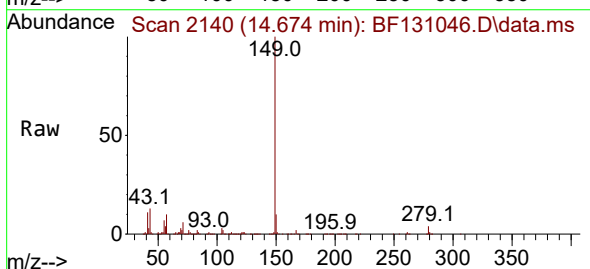
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

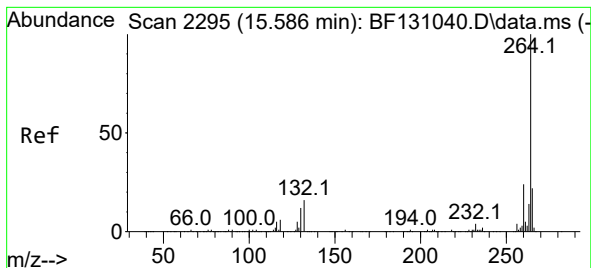
Tgt Ion:149 Resp: 456030
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.8 31.2
 279 4.0 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 38.805 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Tgt Ion:149 Resp: 568996
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.5 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

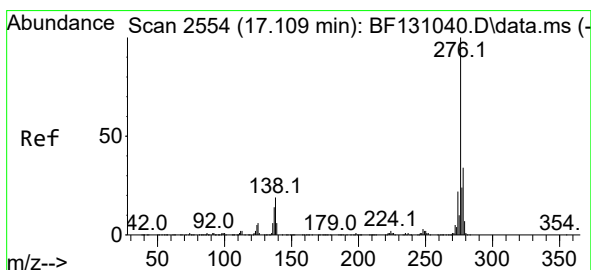
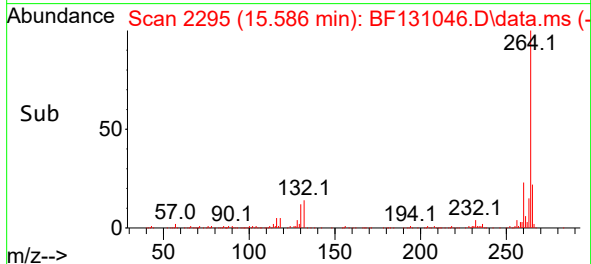
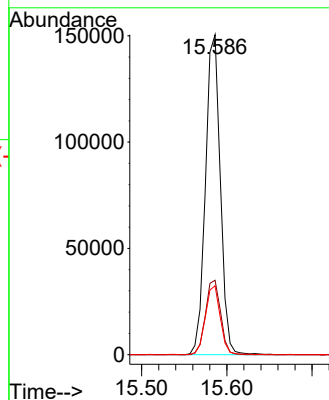
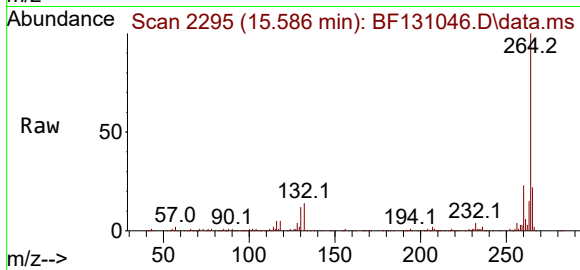
Tgt Ion:264 Resp: 182097

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.6 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 36.592 ng

RT: 17.110 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

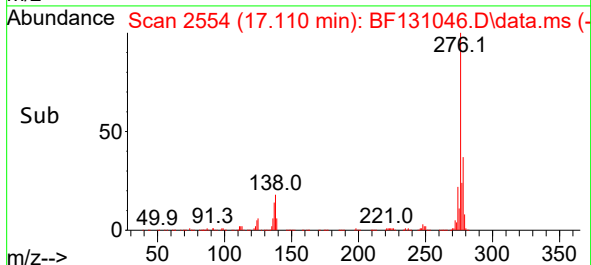
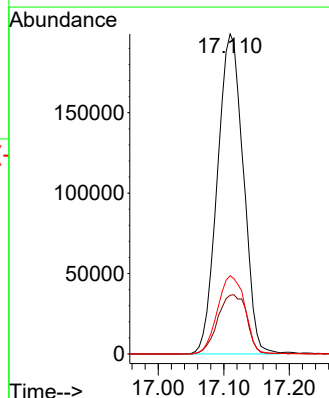
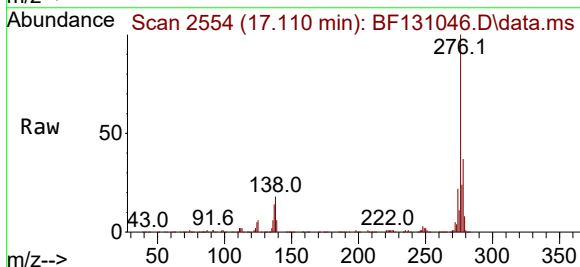
Tgt Ion:276 Resp: 545550

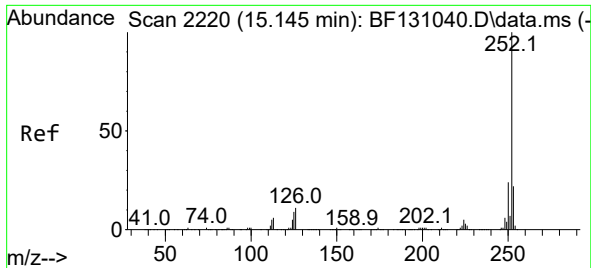
Ion Ratio Lower Upper

276 100

138 20.8 17.3 25.9

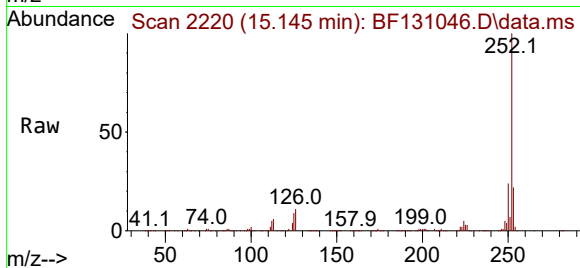
277 25.8 20.2 30.4



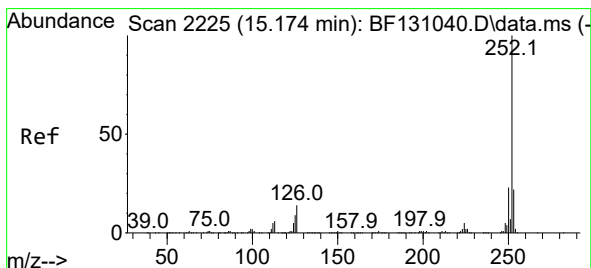
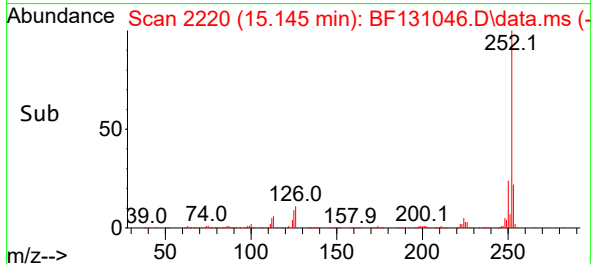
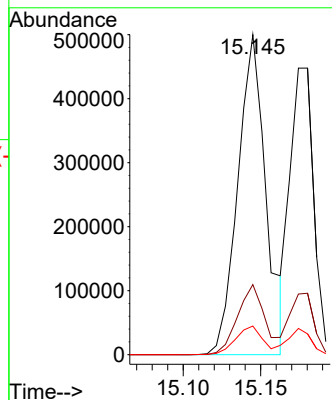


#88
Benzo(b)fluoranthene
Concen: 47.564 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Instrument :
BNA_F
ClientSampleId :
PB148686BS

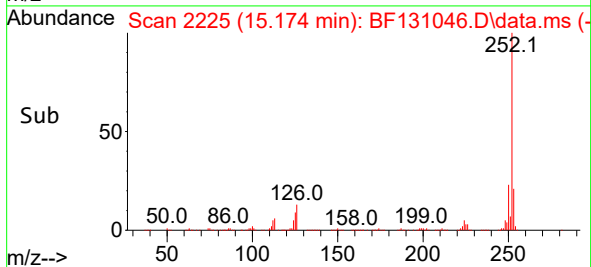
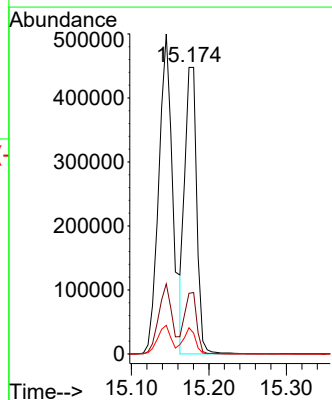
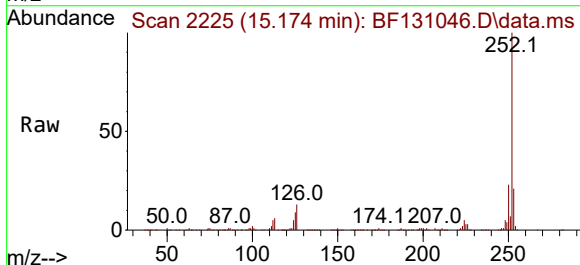


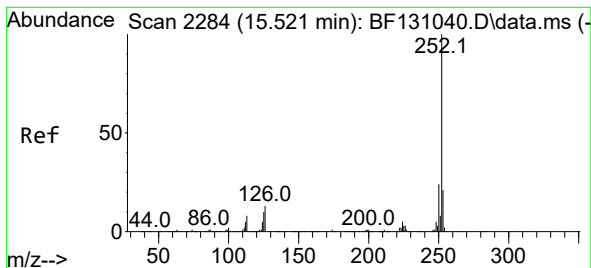
Tgt Ion:252 Resp: 629418
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.9 7.1 10.7



#89
Benzo(k)fluoranthene
Concen: 37.219 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BF131046.D
Acq: 07 Nov 2022 16:24

Tgt Ion:252 Resp: 479856
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 9.2 7.2 10.8





#90

Benzo(a)pyrene

Concen: 43.856 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

Instrument :

BNA_F

ClientSampleId :

PB148686BS

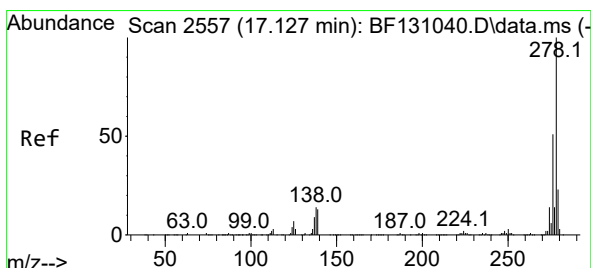
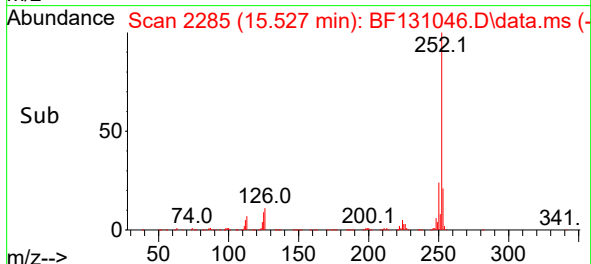
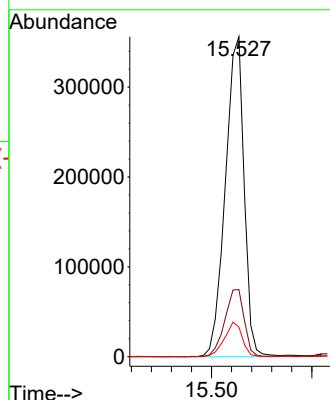
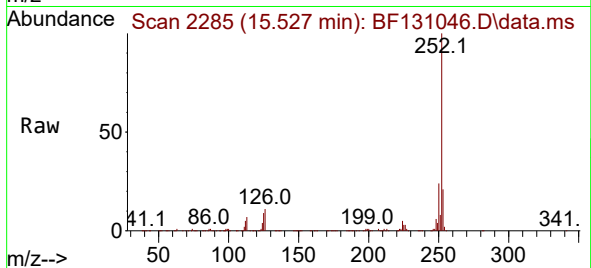
Tgt Ion:252 Resp: 461395

Ion Ratio Lower Upper

252 100

253 21.0 16.9 25.3

125 9.3 7.9 11.9



#91

Dibenzo(a,h)anthracene

Concen: 38.857 ng

RT: 17.133 min Scan# 2558

Delta R.T. 0.006 min

Lab File: BF131046.D

Acq: 07 Nov 2022 16:24

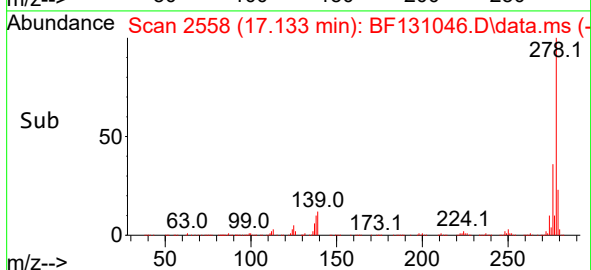
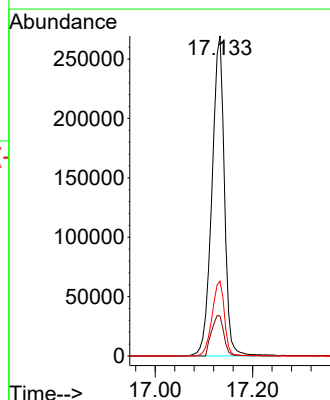
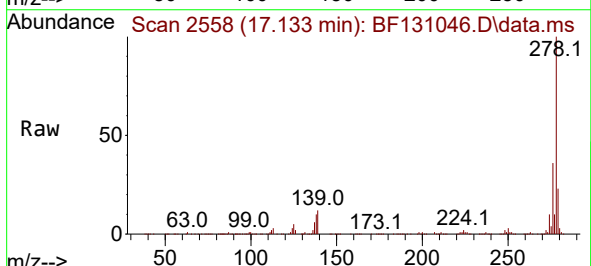
Tgt Ion:278 Resp: 478055

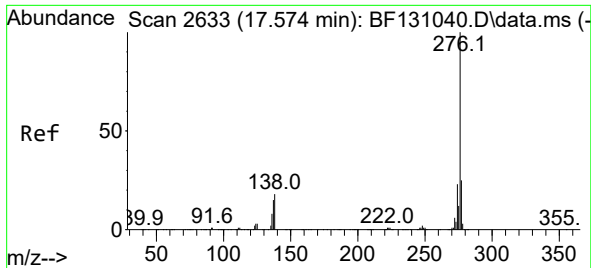
Ion Ratio Lower Upper

278 100

139 12.4 10.8 16.2

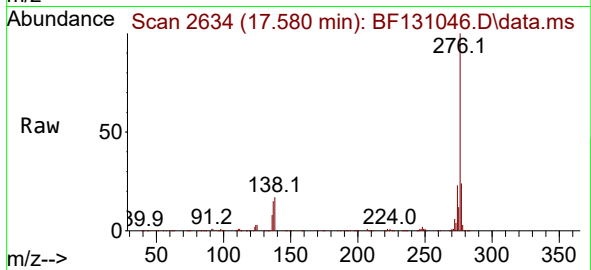
279 23.4 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 38.392 ng
 RT: 17.580 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF131046.D
 Acq: 07 Nov 2022 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS



Tgt Ion:276 Resp: 480655
 Ion Ratio Lower Upper
 276 100
 277 24.4 20.0 30.0
 138 16.9 14.8 22.2

