

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131858.D
 Acq On : 28 Dec 2022 13:14
 Operator : CG\JU
 Sample : PB149912BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149912BSD

Quant Time: Dec 29 00:53:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	76275	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	281622	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	163585	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	328484	20.000	ng	0.00
76) Chrysene-d12	14.039	240	238293	20.000	ng	0.00
86) Perylene-d12	15.521	264	182607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	654365	142.173	ng	0.01
7) Phenol-d6	6.469	99	846598	140.004	ng	0.00
23) Nitrobenzene-d5	7.398	82	593977	84.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	258809	145.615	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1022516	85.617	ng	0.00
79) Terphenyl-d14	12.974	244	1346158	95.557	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	81050	37.974	ng	99
3) Pyridine	3.357	79	232072	38.677	ng	98
4) n-Nitrosodimethylamine	3.334	42	126759	44.929	ng	98
6) Aniline	6.492	93	286631	39.085	ng	99
8) 2-Chlorophenol	6.610	128	223557	46.103	ng	95
9) Benzaldehyde	6.375	77	165091	42.549	ng	95
10) Phenol	6.481	94	322746	44.819	ng	91
11) bis(2-Chloroethyl)ether	6.563	93	236716	45.969	ng	99
12) 1,3-Dichlorobenzene	6.763	146	244792	44.175	ng	97
13) 1,4-Dichlorobenzene	6.845	146	248825	44.555	ng	97
14) 1,2-Dichlorobenzene	6.998	146	236733	45.113	ng	100
15) Benzyl Alcohol	6.975	79	245006	46.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	297331	45.246	ng	98
17) 2-Methylphenol	7.087	107	198771	44.838	ng	99
18) Hexachloroethane	7.340	117	99689	44.207	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	191952	44.947	ng	99
20) 3+4-Methylphenols	7.245	107	256652	44.372	ng	97
22) Acetophenone	7.245	105	365974	44.326	ng	# 98
24) Nitrobenzene	7.416	77	302380	42.775	ng	98
25) Isophorone	7.657	82	525370	45.608	ng	99
26) 2-Nitrophenol	7.734	139	121600	44.243	ng	96
27) 2,4-Dimethylphenol	7.775	122	201110	51.297	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	290925	47.077	ng	99
29) 2,4-Dichlorophenol	7.981	162	202833	42.942	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	240776	42.994	ng	98
31) Naphthalene	8.139	128	647530	41.984	ng	99
32) Benzoic acid	7.916	122	138086	48.189	ng	94
33) 4-Chloroaniline	8.192	127	146472	24.751	ng	98
34) Hexachlorobutadiene	8.251	225	154649	40.363	ng	100
35) Caprolactam	8.575	113	31460	22.496	ng	94
36) 4-Chloro-3-methylphenol	8.686	107	241184	45.180	ng	96
37) 2-Methylnaphthalene	8.834	142	438394	42.352	ng	99
38) 1-Methylnaphthalene	8.934	142	407028	40.482	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	253558	44.144	ng	99
41) Hexachlorocyclopentadiene	8.986	237	287125	109.350	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	156935	42.660	ng	98

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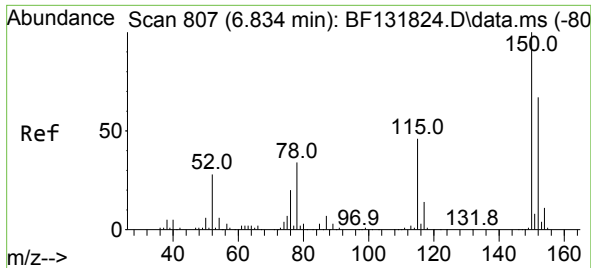
Quant Time: Dec 29 00:53:07 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	168380	42.342	ng	95
46) 1,1'-Biphenyl	9.304	154	551781	44.058	ng	98
47) 2-Chloronaphthalene	9.328	162	445259	42.973	ng	98
48) 2-Nitroaniline	9.434	65	163343	43.010	ng	97
49) Acenaphthylene	9.745	152	673259	43.638	ng	99
50) Dimethylphthalate	9.610	163	534168	43.162	ng	99
51) 2,6-Dinitrotoluene	9.675	165	117451	43.841	ng	98
52) Acenaphthene	9.922	154	397228	42.660	ng	100
53) 3-Nitroaniline	9.845	138	77944	28.553	ng	99
54) 2,4-Dinitrophenol	9.957	184	146614	95.097	ng	98
55) Dibenzofuran	10.092	168	616822	42.996	ng	98
56) 4-Nitrophenol	10.022	139	174594	91.303	ng	87
57) 2,4-Dinitrotoluene	10.086	165	163666	44.671	ng	95
58) Fluorene	10.439	166	498923	42.600	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	137351	42.089	ng	96
60) Diethylphthalate	10.316	149	509630	42.786	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	265801	43.657	ng	98
62) 4-Nitroaniline	10.475	138	117410	41.270	ng	97
63) Azobenzene	10.592	77	560855	42.427	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	95876	42.868	ng	82
66) n-Nitrosodiphenylamine	10.551	169	432943	43.207	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	161844	42.510	ng	97
68) Hexachlorobenzene	10.986	284	181241	43.336	ng	# 91
69) Atrazine	11.086	200	163121	49.448	ng	98
70) Pentachlorophenol	11.186	266	200193	96.737	ng	99
71) Phenanthrene	11.404	178	759642	42.053	ng	100
72) Anthracene	11.457	178	771475	43.658	ng	99
73) Carbazole	11.616	167	678720	43.508	ng	99
74) Di-n-butylphthalate	11.945	149	776730	41.193	ng	99
75) Fluoranthene	12.598	202	885925	42.106	ng	99
77) Benzidine	12.727	184	378102	96.552	ng	98
78) Pyrene	12.833	202	900922	45.107	ng	99
80) Butylbenzylphthalate	13.451	149	338745	45.726	ng	97
81) Benzo(a)anthracene	14.027	228	778476	45.121	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	168190	33.728	ng	98
83) Chrysene	14.063	228	733077	45.217	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	441339	48.928	ng	98
85) Di-n-octyl phthalate	14.627	149	670703	55.236	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	485036	41.809	ng	99
88) Benzo(b)fluoranthene	15.086	252	637746	47.630	ng	99
89) Benzo(k)fluoranthene	15.121	252	567356	43.855	ng	98
90) Benzo(a)pyrene	15.463	252	481931	46.490	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	400701	42.167	ng	99
92) Benzo(g,h,i)perylene	17.474	276	396950	36.703	ng	96

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

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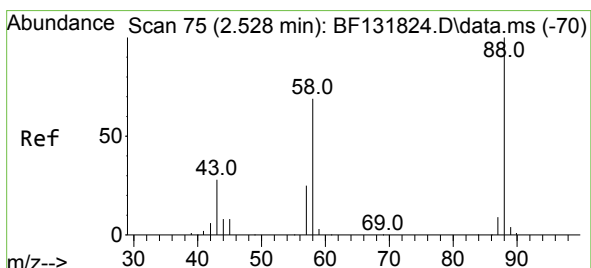
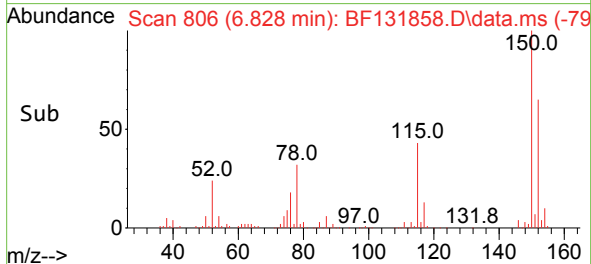
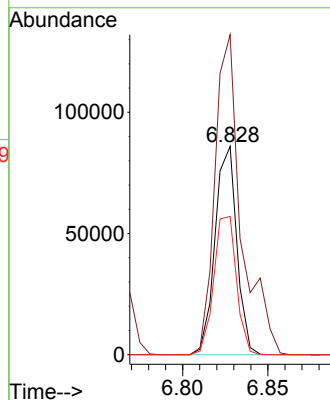
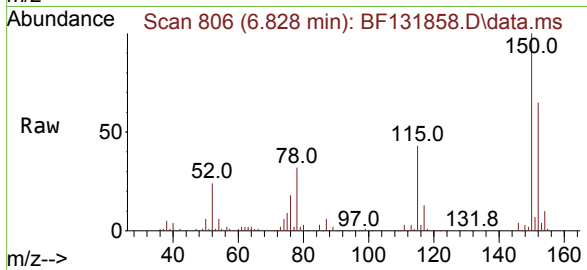




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

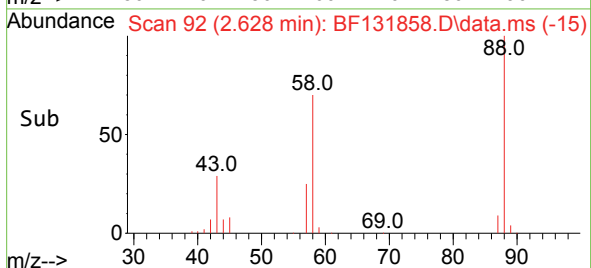
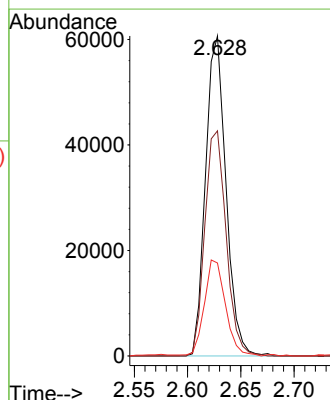
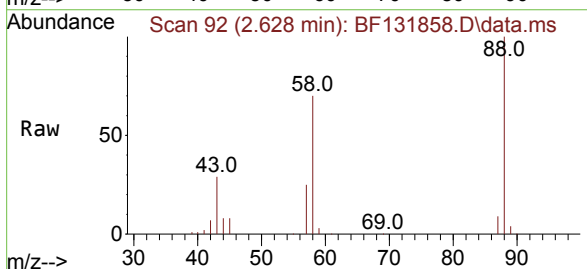
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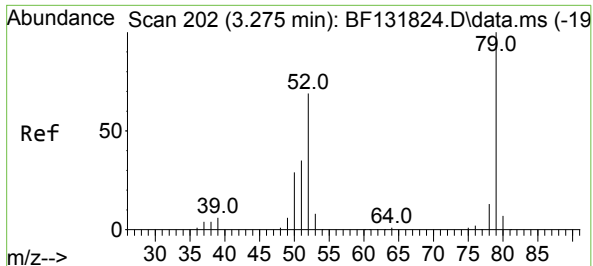
Tgt Ion:152 Resp: 76275
 Ion Ratio Lower Upper
 152 100
 150 153.6 120.0 180.0
 115 66.3 55.1 82.7



#2
 1,4-Dioxane
 Concen: 37.974 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.100 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

Tgt Ion: 88 Resp: 81050
 Ion Ratio Lower Upper
 88 100
 58 73.3 58.2 87.2
 43 31.1 24.2 36.4

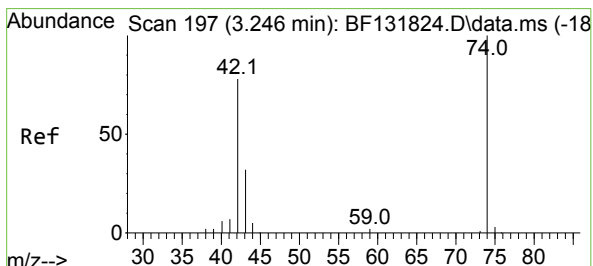
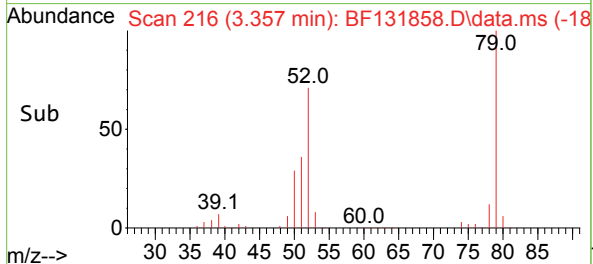
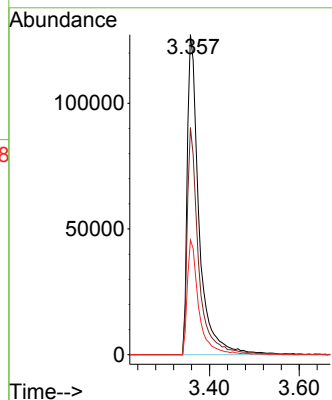
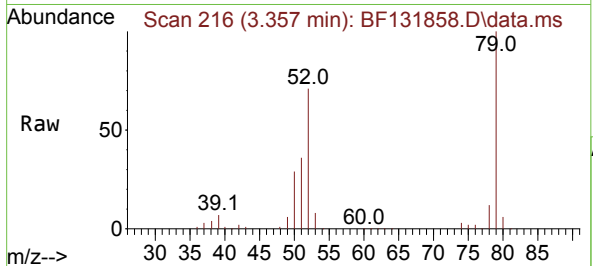




#3
Pyridine
Concen: 38.677 ng
RT: 3.357 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

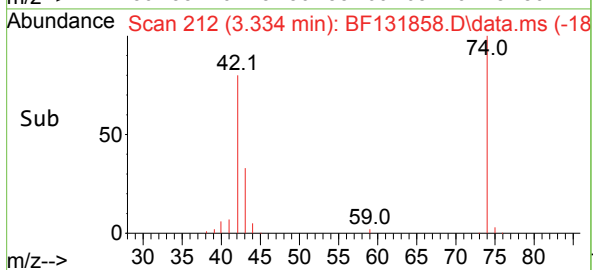
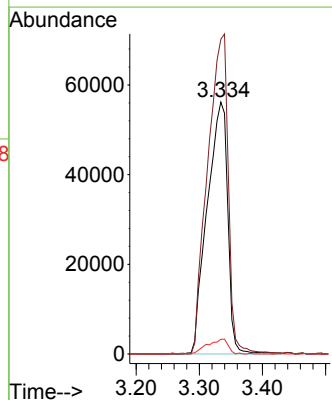
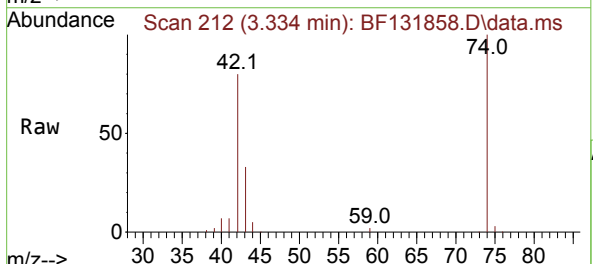
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ClientSampleId :
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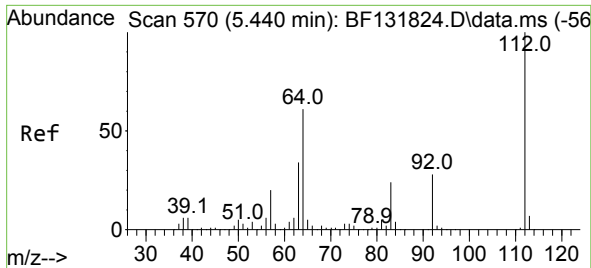
Tgt Ion: 79 Resp: 232072
Ion Ratio Lower Upper
79 100
52 70.9 55.4 83.2
51 35.8 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 44.929 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.088 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 42 Resp: 126759
Ion Ratio Lower Upper
42 100
74 125.0 102.0 153.0
44 5.9 4.6 7.0

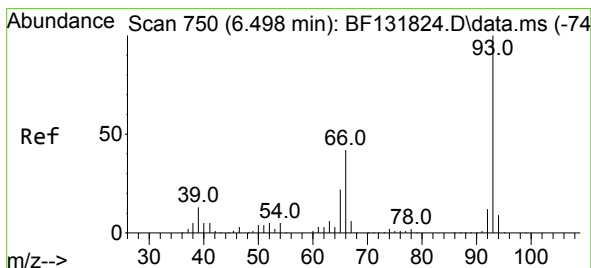
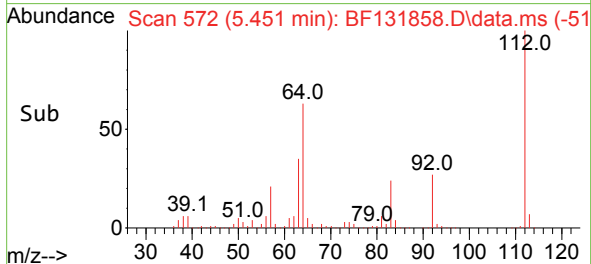
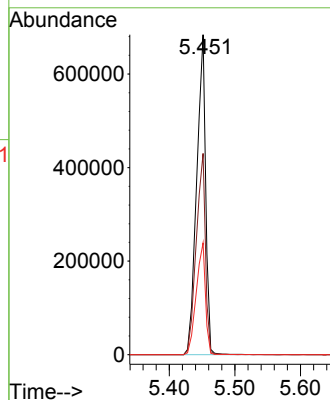
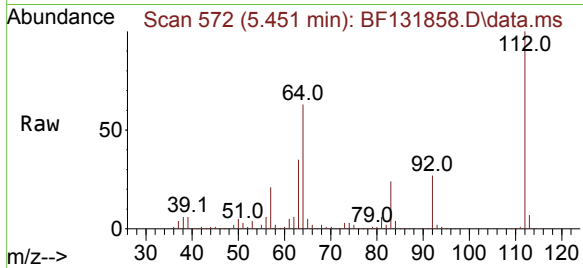




#5
2-Fluorophenol
Concen: 142.173 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

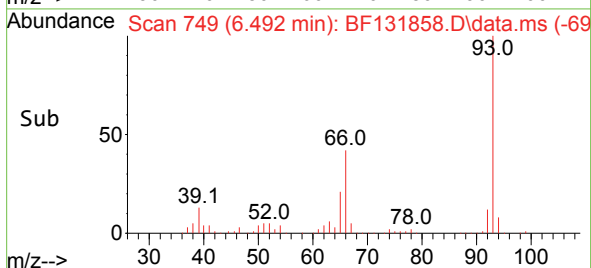
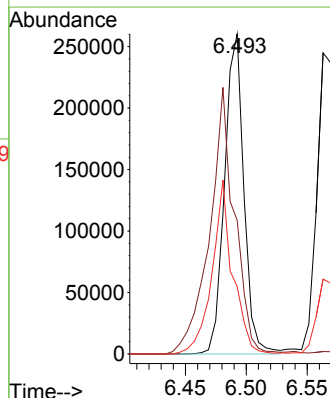
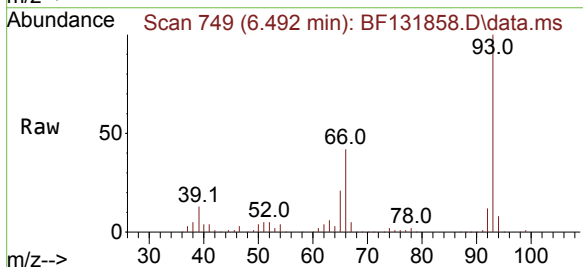
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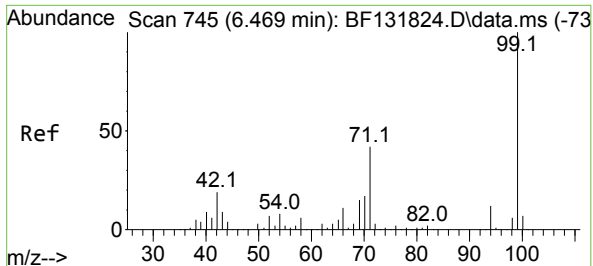
Tgt Ion:112 Resp: 654365
Ion Ratio Lower Upper
112 100
64 62.9 49.2 73.8
63 35.0 27.5 41.3



#6
Aniline
Concen: 39.085 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 93 Resp: 286631
Ion Ratio Lower Upper
93 100
66 41.8 33.9 50.9
65 21.0 17.4 26.0

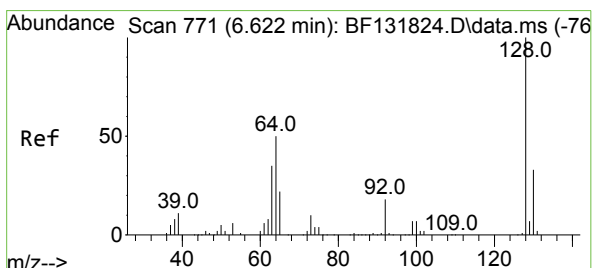
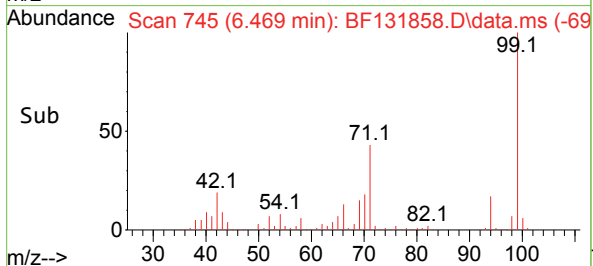
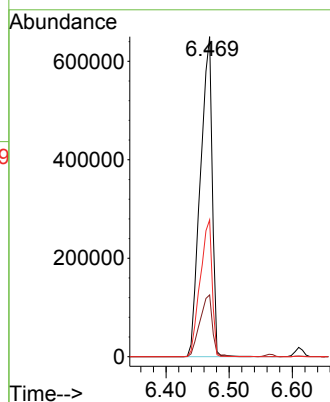
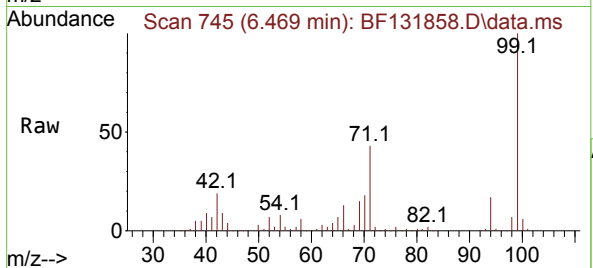




#7
Phenol-d6
Concen: 140.004 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

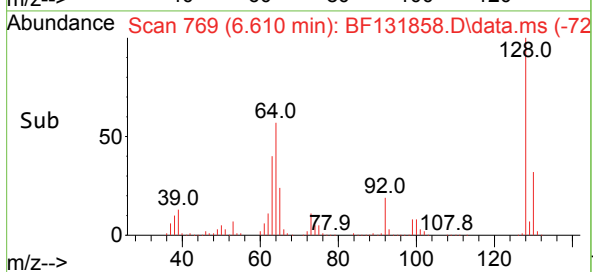
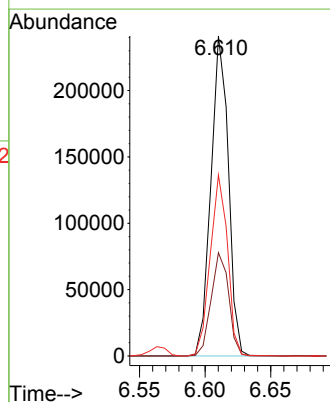
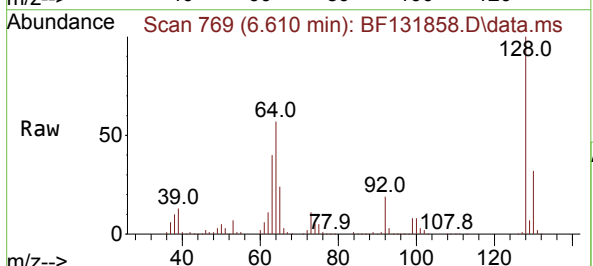
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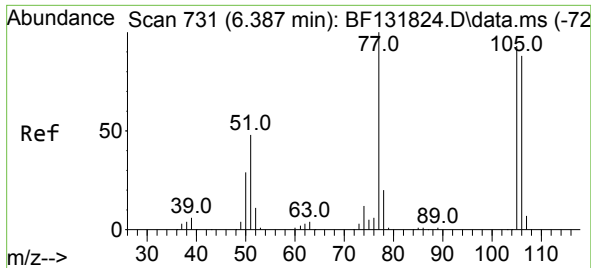
Tgt Ion: 99 Resp: 846598
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 42.8 33.5 50.3



#8
2-Chlorophenol
Concen: 46.103 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:128 Resp: 223557
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 56.5 30.7 70.7

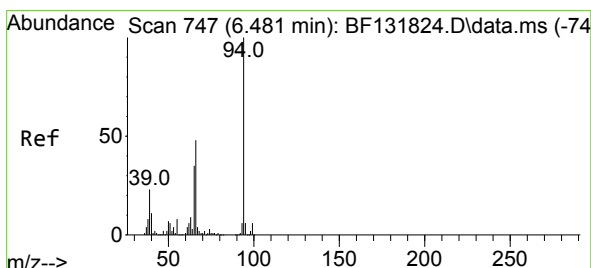
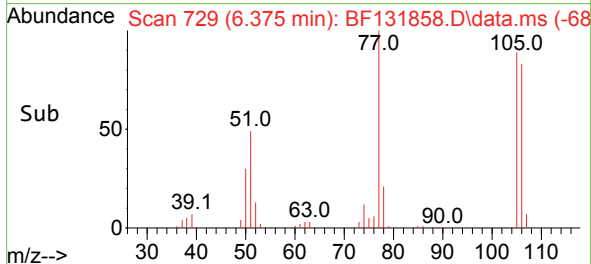
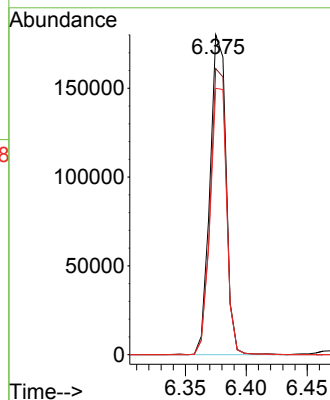
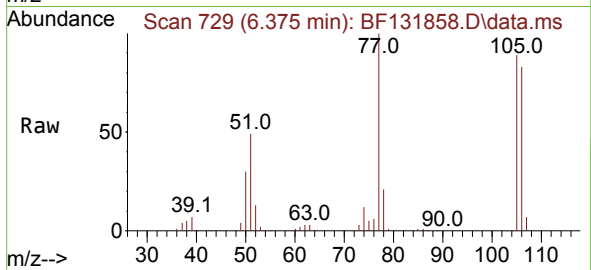




#9
Benzaldehyde
Concen: 42.549 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

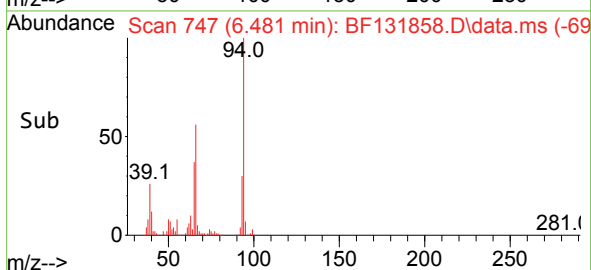
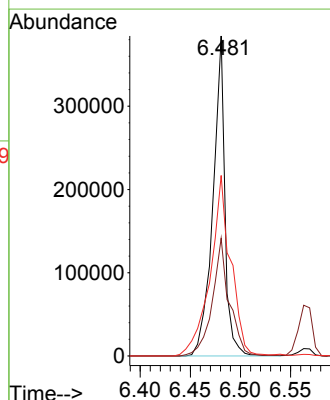
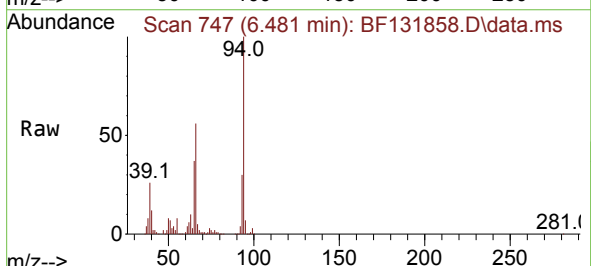
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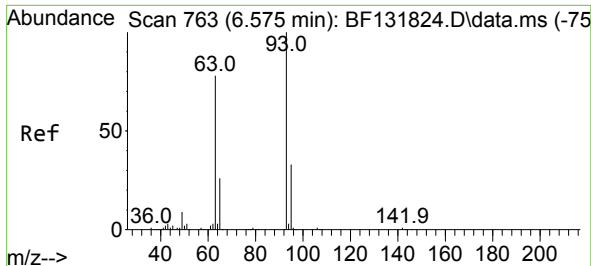
Tgt Ion: 77 Resp: 165091
Ion Ratio Lower Upper
77 100
105 89.4 72.9 112.9
106 83.2 68.5 108.5



#10
Phenol
Concen: 44.819 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 94 Resp: 322746
Ion Ratio Lower Upper
94 100
65 36.8 14.6 54.6
66 56.4 28.2 68.2

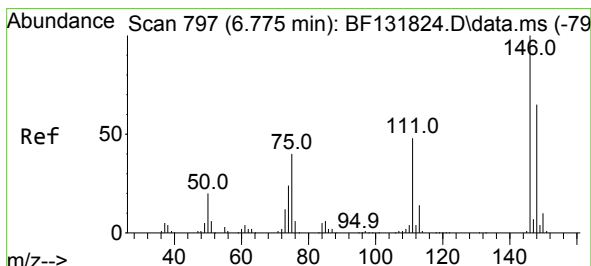
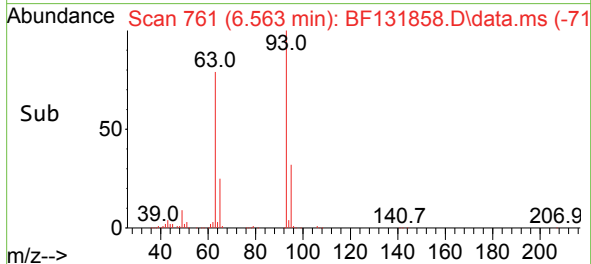
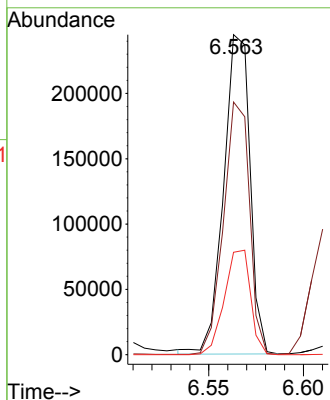
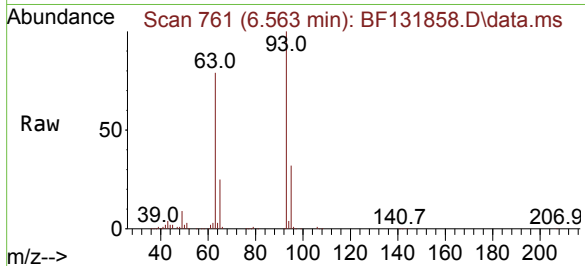




#11
bis(2-Chloroethyl)ether
Concen: 45.969 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

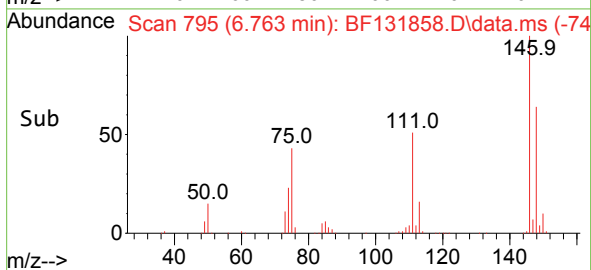
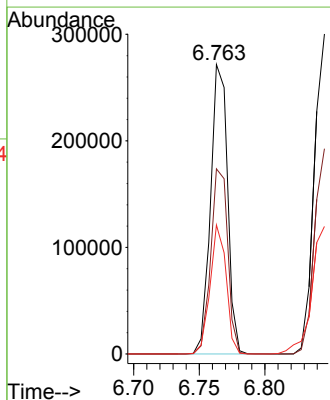
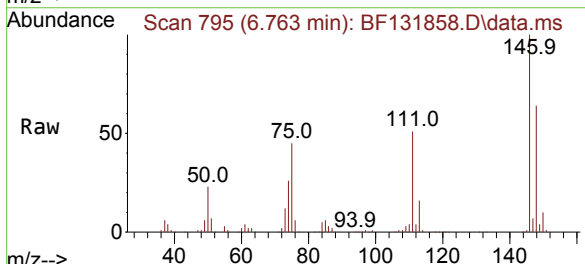
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

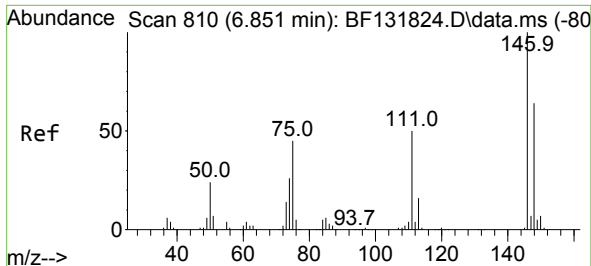
Tgt Ion: 93 Resp: 236716
Ion Ratio Lower Upper
93 100
63 79.0 57.6 97.6
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.175 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:146 Resp: 244792
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 44.6 32.2 48.4

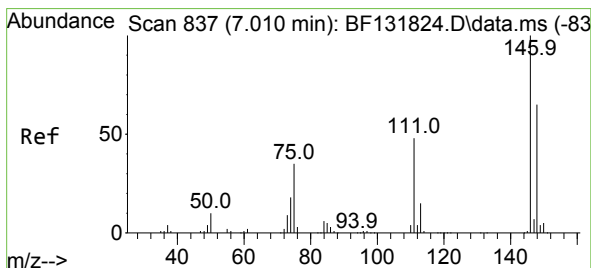
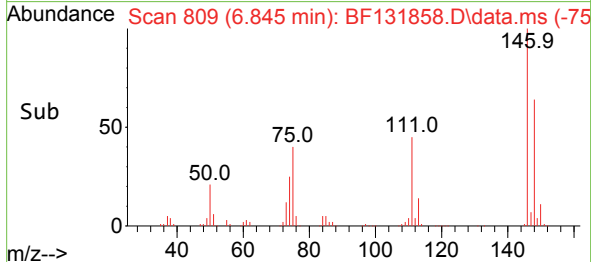
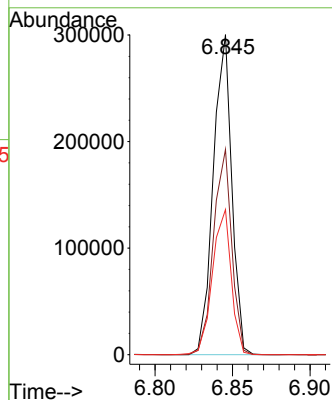
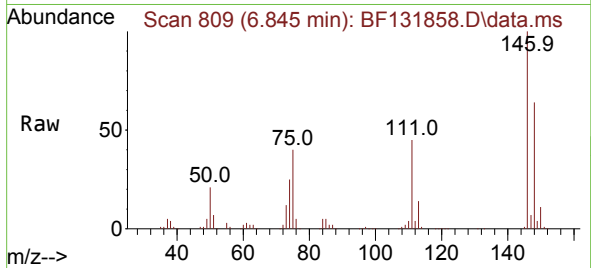




#13
1,4-Dichlorobenzene
Concen: 44.555 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

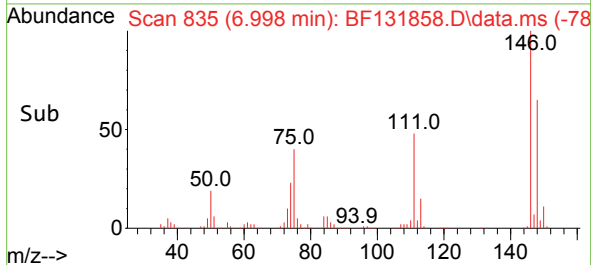
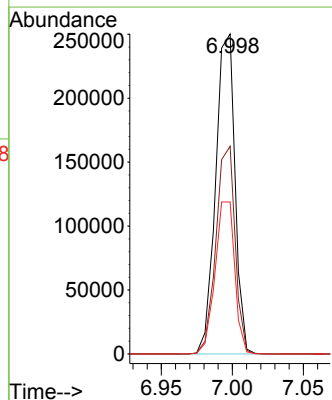
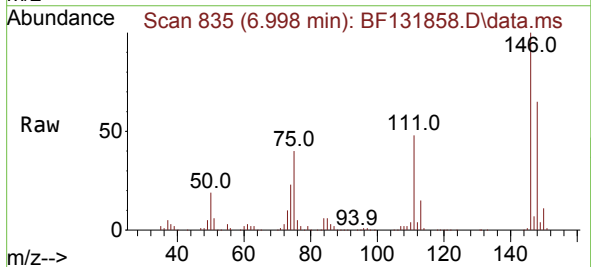
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

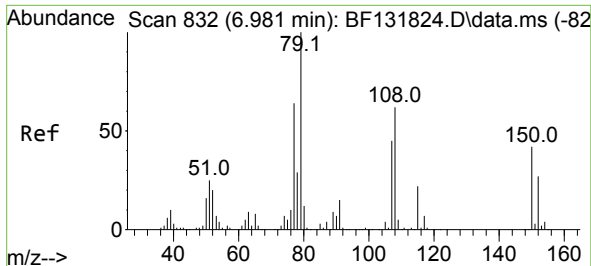
Tgt Ion:146 Resp: 248825
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 45.3 40.1 60.1



#14
1,2-Dichlorobenzene
Concen: 45.113 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:146 Resp: 236733
Ion Ratio Lower Upper
146 100
148 64.9 52.2 78.4
111 47.5 38.2 57.4

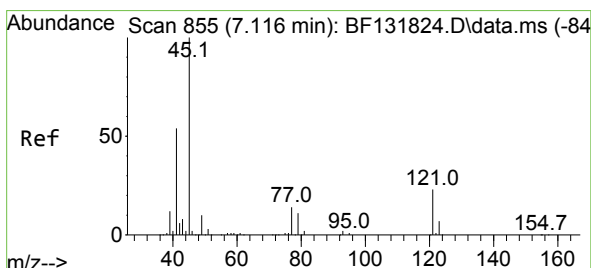
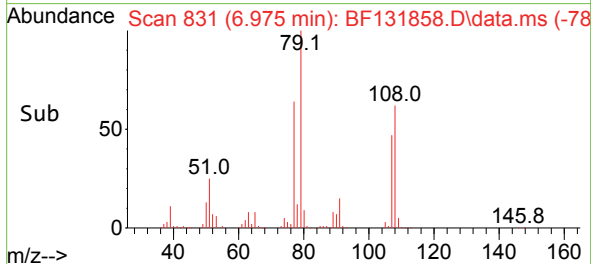
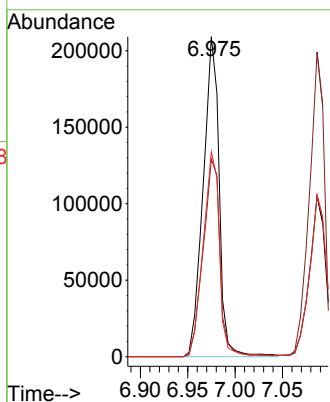
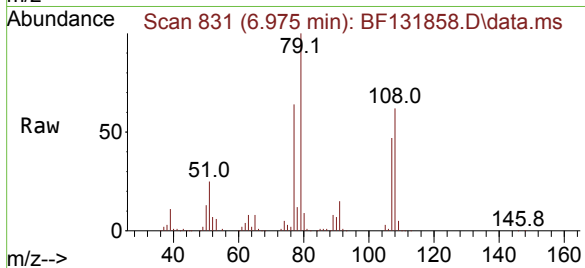




#15
Benzyl Alcohol
Concen: 46.204 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

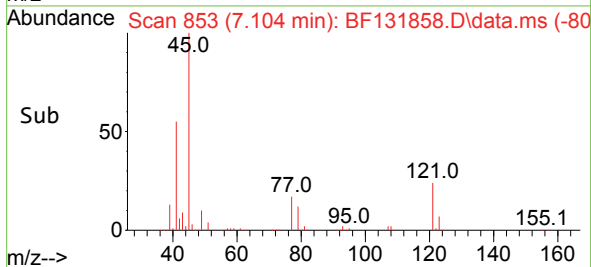
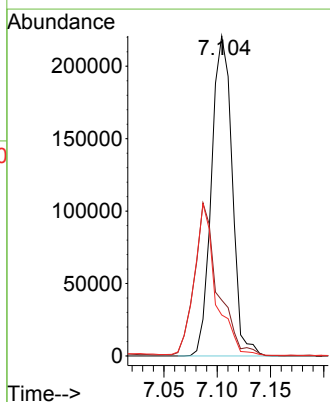
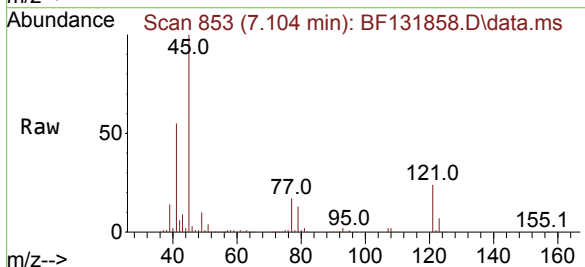
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

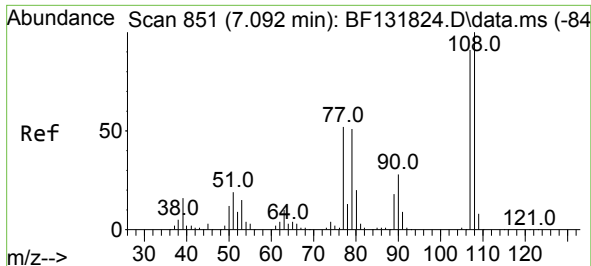
Tgt Ion: 79 Resp: 245006
Ion Ratio Lower Upper
79 100
108 61.8 49.8 74.8
77 64.0 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.246 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 45 Resp: 297331
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.1
79 12.8 0.0 33.3

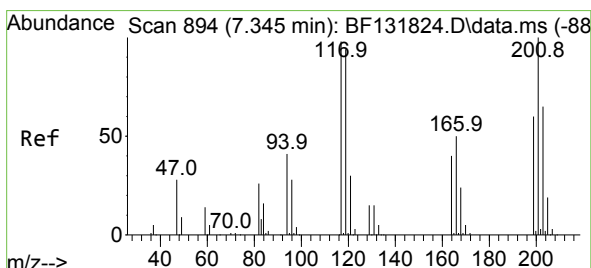
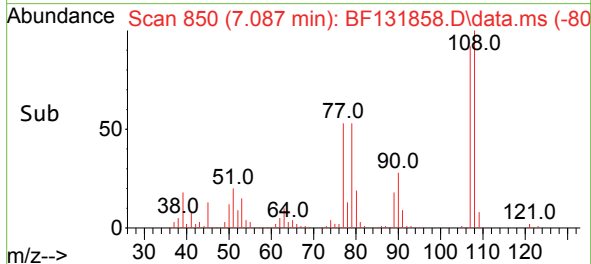
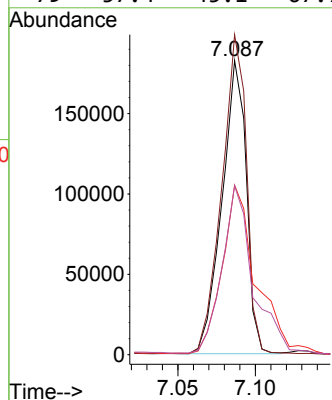
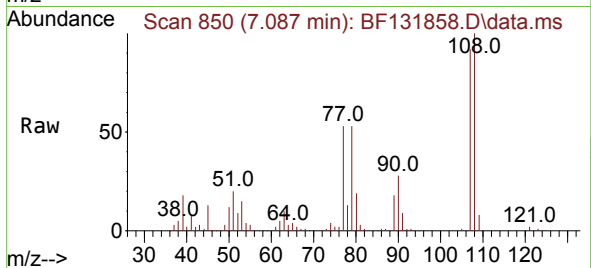




#17
2-Methylphenol
Concen: 44.838 ng
RT: 7.087 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

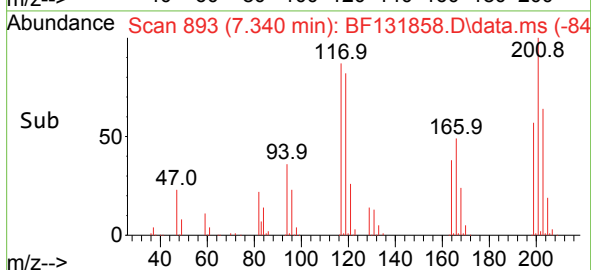
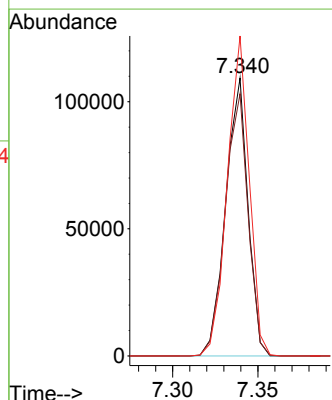
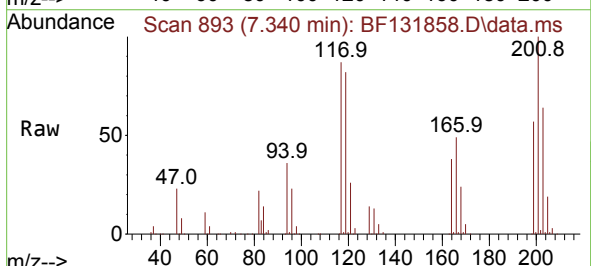
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

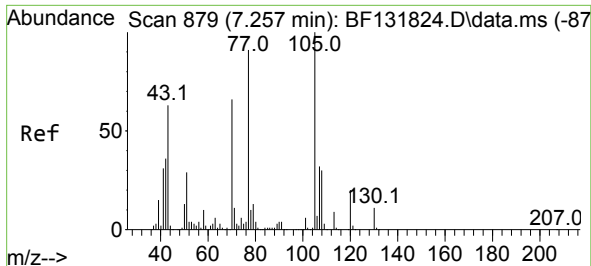
Tgt Ion:	107	Resp:	198771
Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.6	131.4
77	57.7	45.8	68.8
79	57.4	45.1	67.7



#18
Hexachloroethane
Concen: 44.207 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:	117	Resp:	99689
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.5	114.7
201	115.1	81.7	122.5

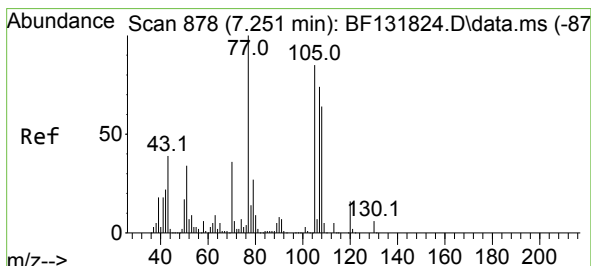
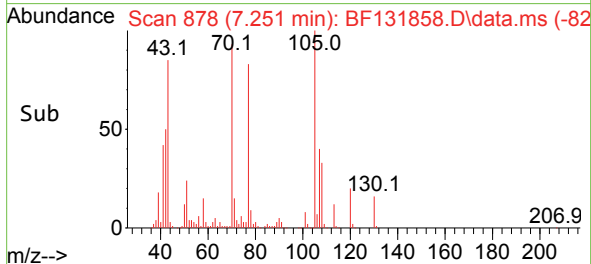
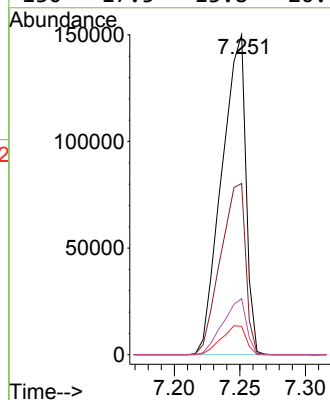
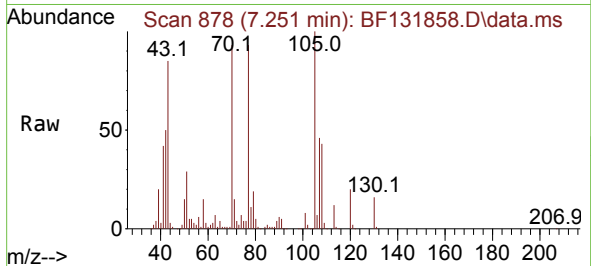




#19
n-Nitroso-di-n-propylamine
Concen: 44.947 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

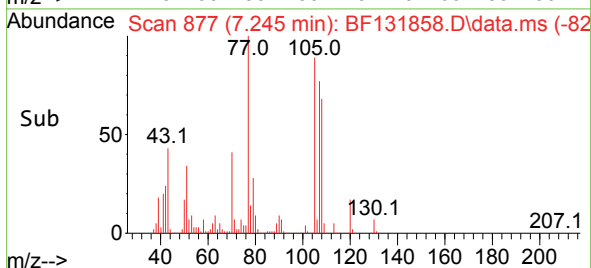
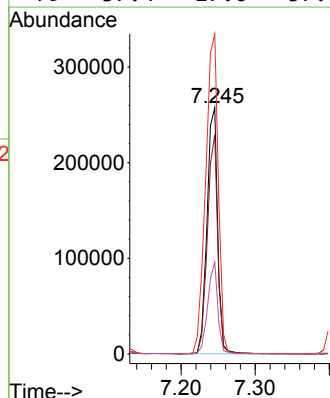
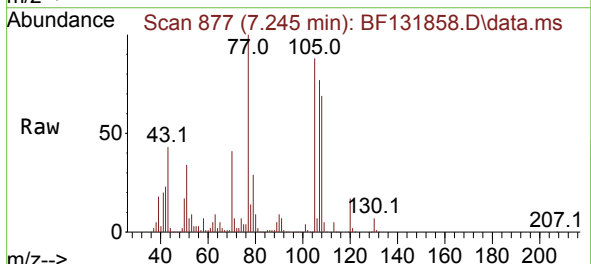
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

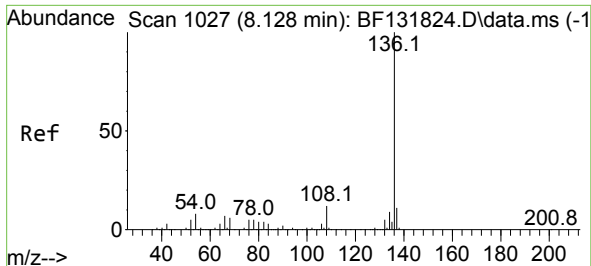
Tgt Ion: 70 Resp: 191952
Ion Ratio Lower Upper
70 100
42 53.5 43.8 65.6
101 8.9 7.4 11.0
130 17.5 13.8 20.6



#20
3+4-Methylphenols
Concen: 44.372 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:107 Resp: 256652
Ion Ratio Lower Upper
107 100
108 89.0 67.1 107.1
77 130.0 114.9 154.9
79 37.4 17.0 57.0

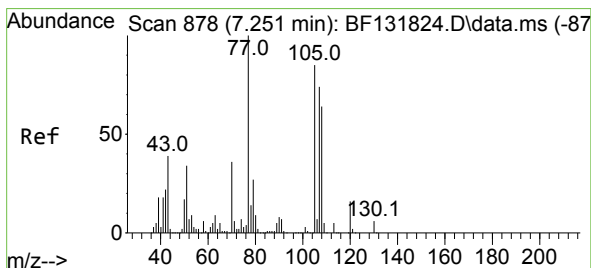
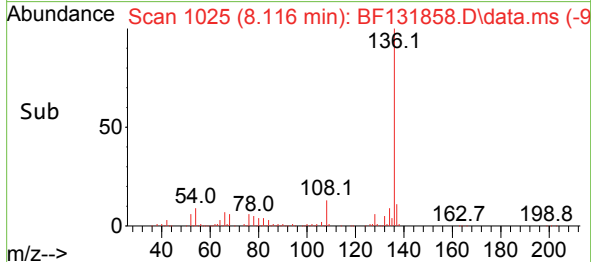
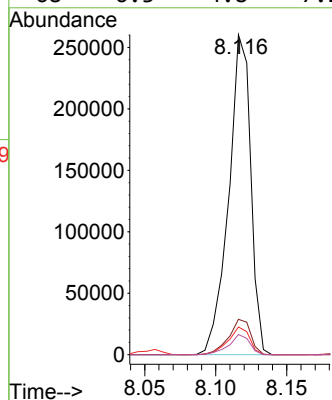
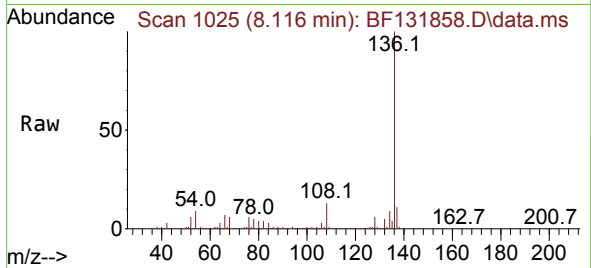




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

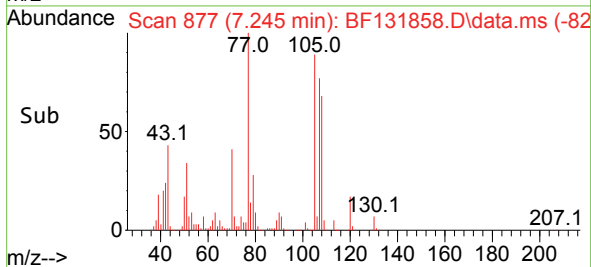
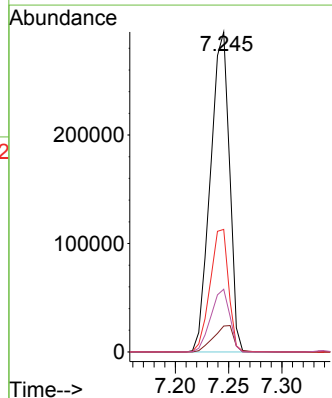
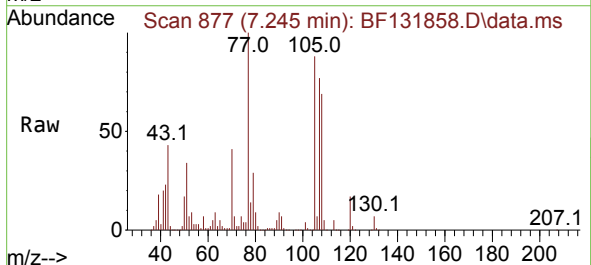
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

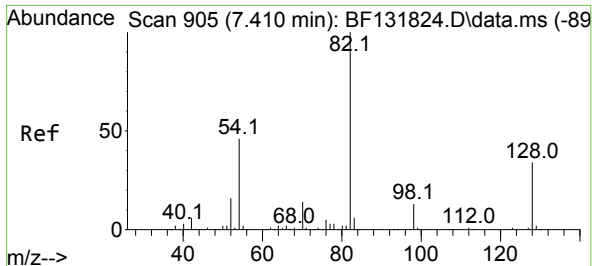
Tgt Ion:136 Resp: 281622
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.6 6.7 10.1
68 6.3 4.8 7.2



#22
Acetophenone
Concen: 44.326 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:105 Resp: 365974
Ion Ratio Lower Upper
105 100
71 8.1 5.4 8.0#
51 38.3 31.9 47.9
120 19.6 15.2 22.8

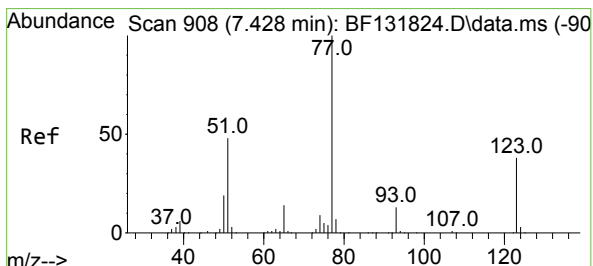
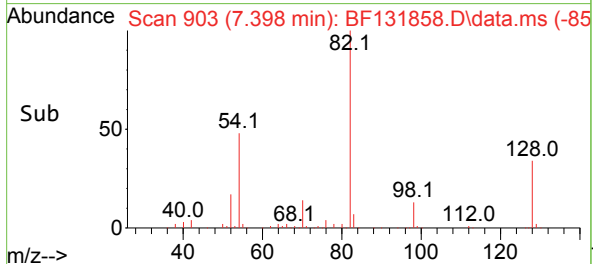
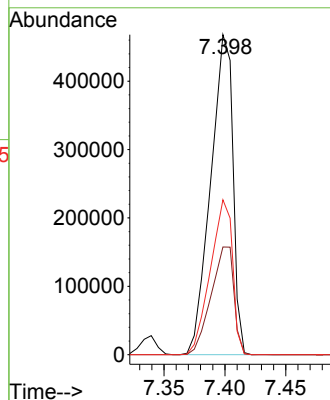
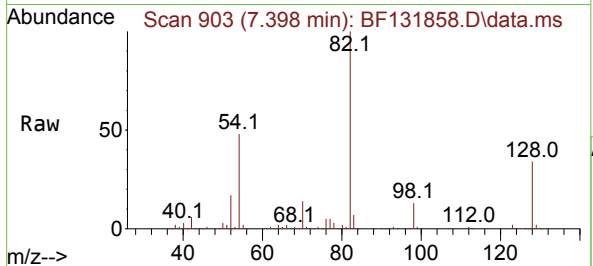




#23
Nitrobenzene-d5
Concen: 84.208 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

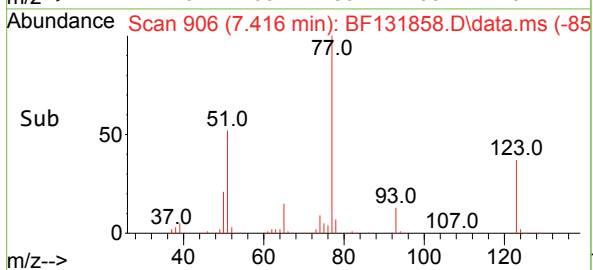
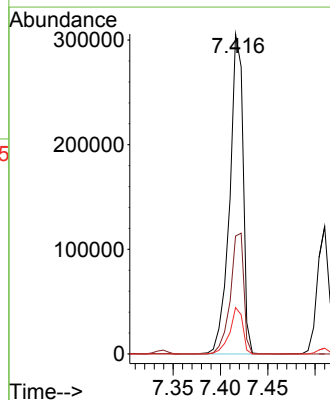
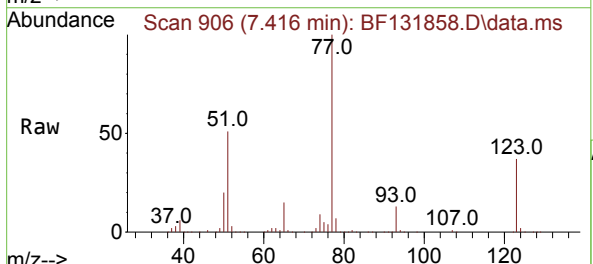
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

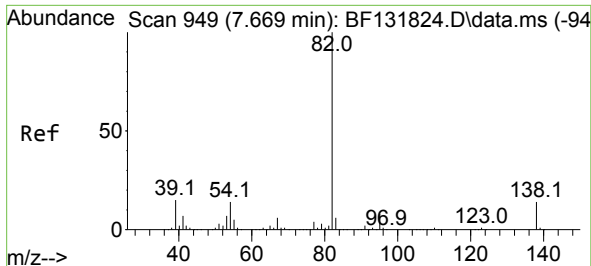
Tgt Ion: 82 Resp: 593977
Ion Ratio Lower Upper
82 100
128 33.7 27.1 40.7
54 48.4 37.0 55.6



#24
Nitrobenzene
Concen: 42.775 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 77 Resp: 302380
Ion Ratio Lower Upper
77 100
123 36.8 30.4 45.6
65 14.5 11.1 16.7

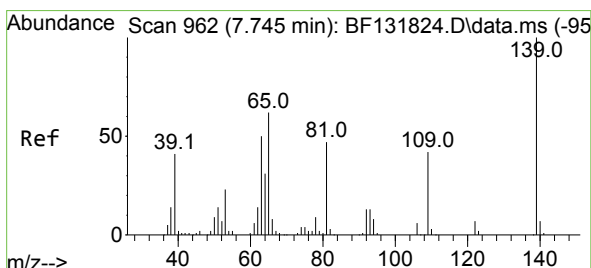
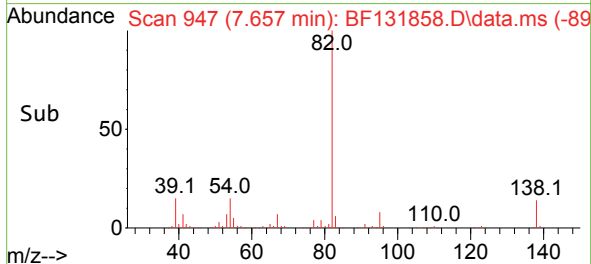
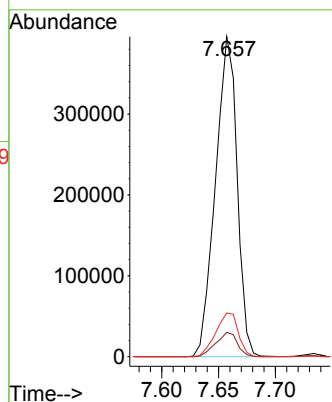
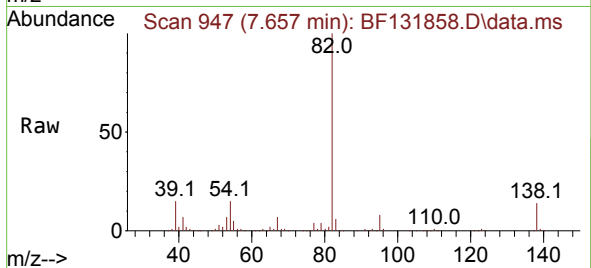




#25
Isophorone
Concen: 45.608 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

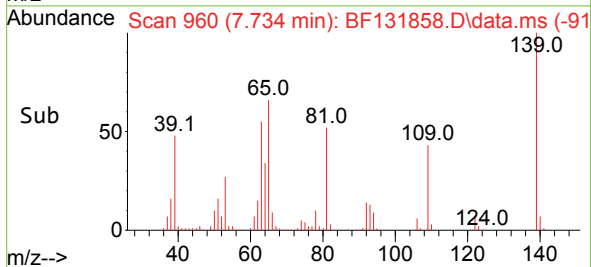
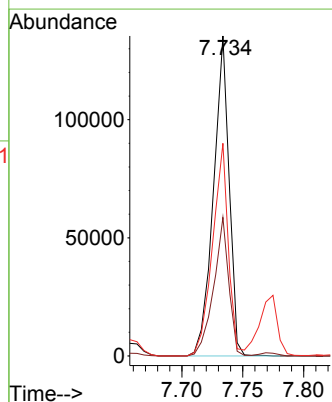
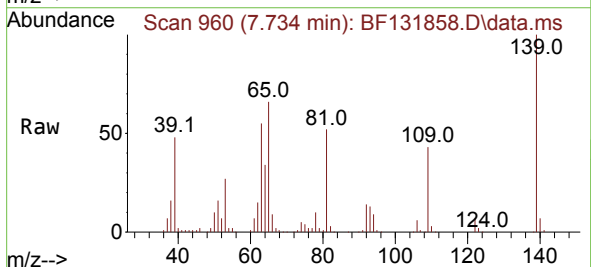
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

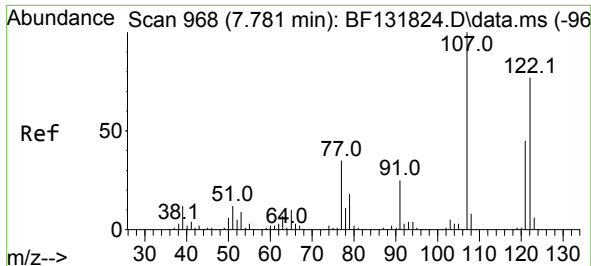
Tgt Ion: 82 Resp: 525370
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 13.6 11.5 17.3



#26
2-Nitrophenol
Concen: 44.243 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 139 Resp: 121600
Ion Ratio Lower Upper
139 100
109 43.3 33.7 50.5
65 66.5 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 51.297 ng

RT: 7.775 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

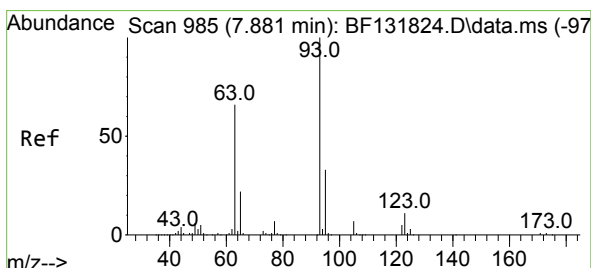
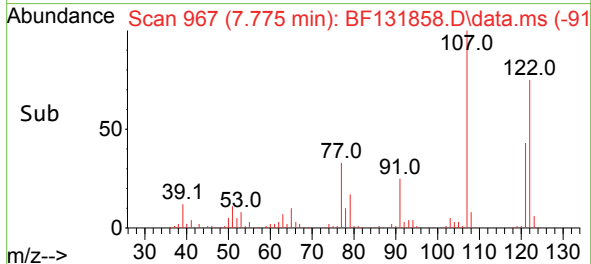
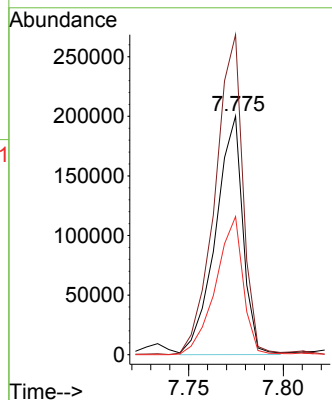
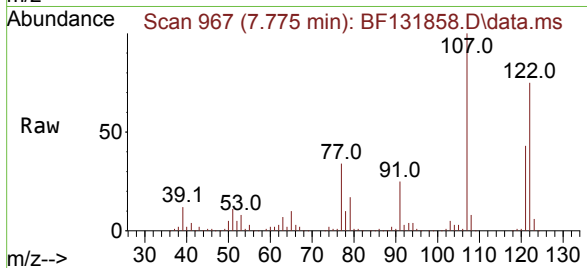
Tgt Ion:122 Resp: 201110

Ion Ratio Lower Upper

122 100

107 134.2 104.4 156.6

121 57.9 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 47.077 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.012 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

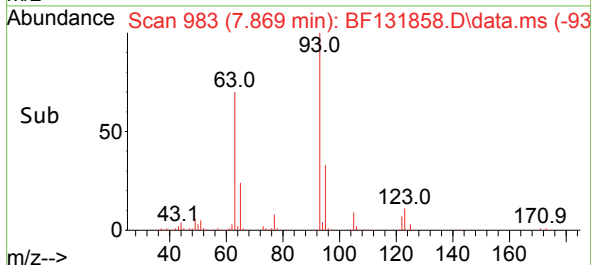
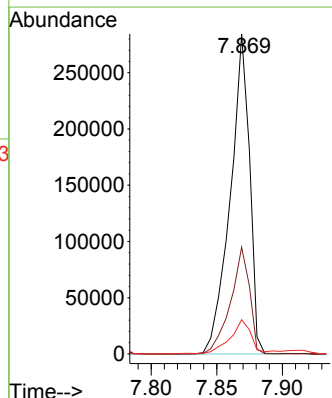
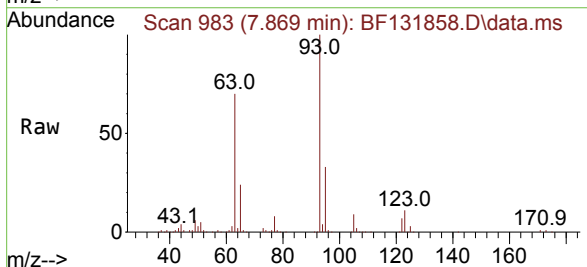
Tgt Ion: 93 Resp: 290925

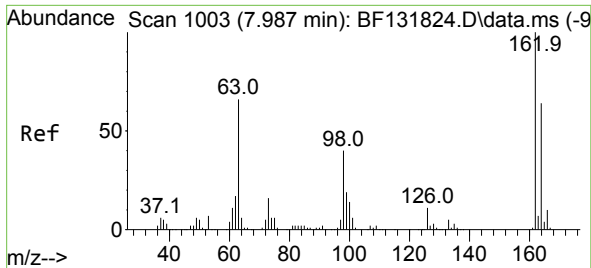
Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

123 10.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 42.942 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

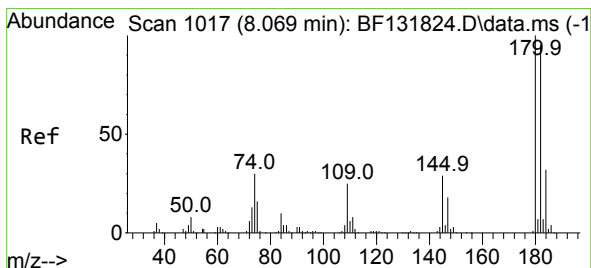
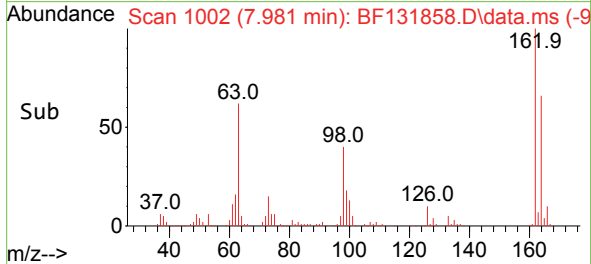
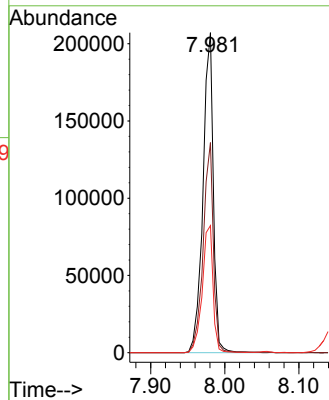
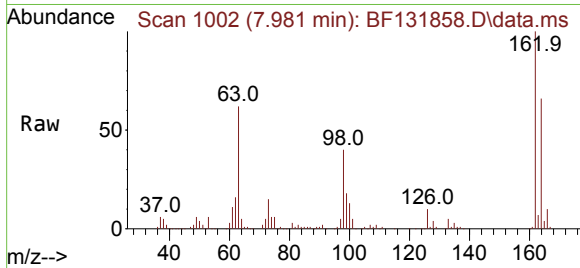
Tgt Ion:162 Resp: 202833

Ion Ratio Lower Upper

162 100

164 65.6 44.1 84.1

98 39.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 42.994 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

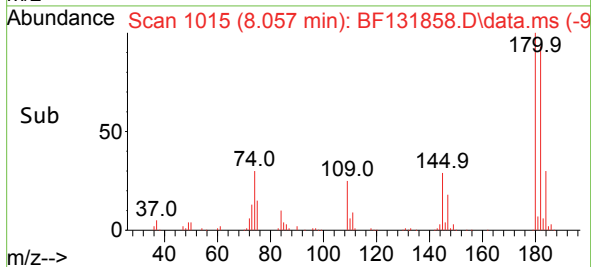
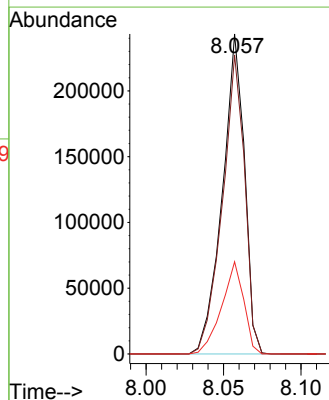
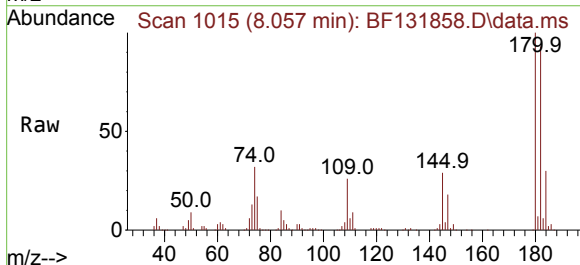
Tgt Ion:180 Resp: 240776

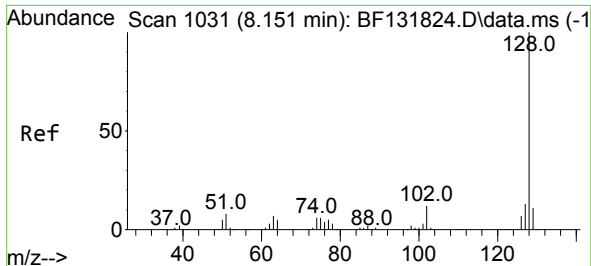
Ion Ratio Lower Upper

180 100

182 93.4 76.2 114.4

145 28.8 23.3 34.9

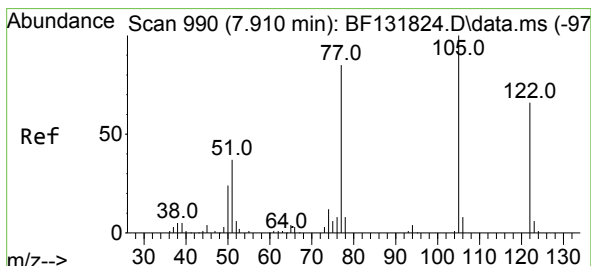
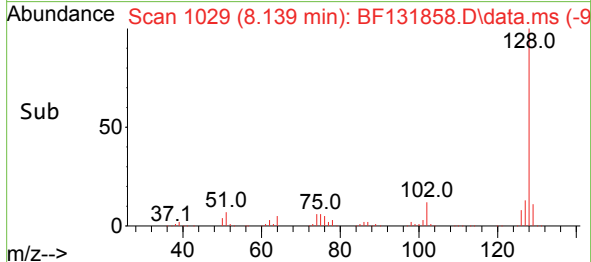
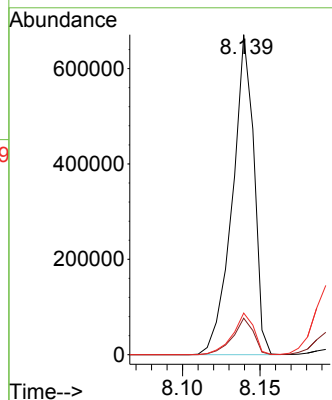
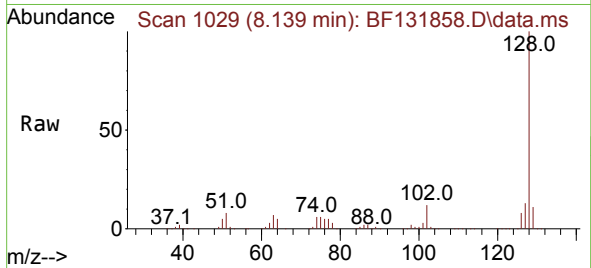




#31
Naphthalene
Concen: 41.984 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

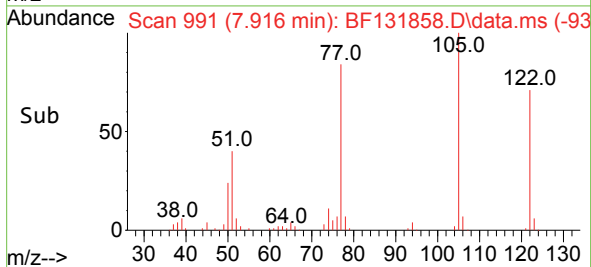
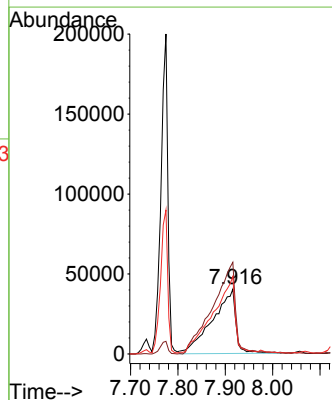
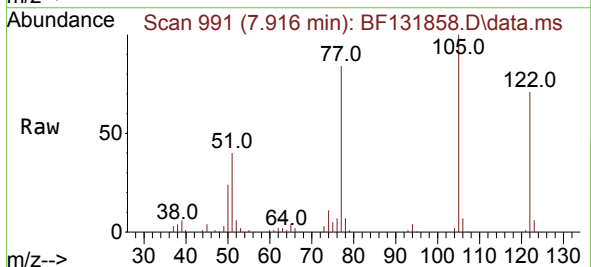
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

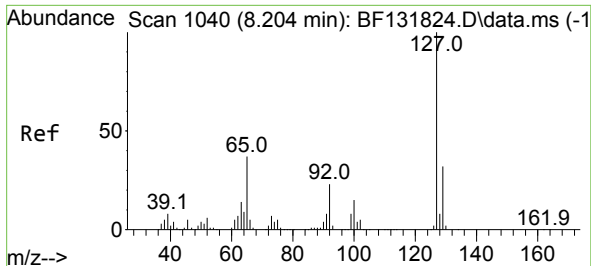
Tgt Ion:128 Resp: 647530
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 48.189 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:122 Resp: 138086
Ion Ratio Lower Upper
122 100
105 141.4 127.9 167.9
77 119.4 106.9 146.9





#33

4-Chloroaniline

Concen: 24.751 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

Tgt Ion:127 Resp: 146472

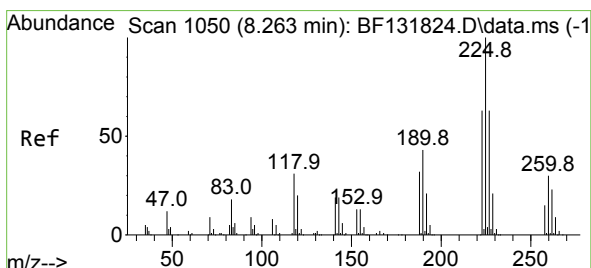
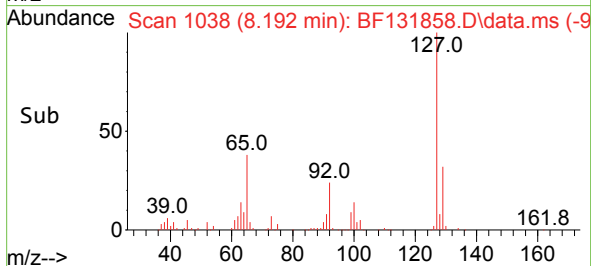
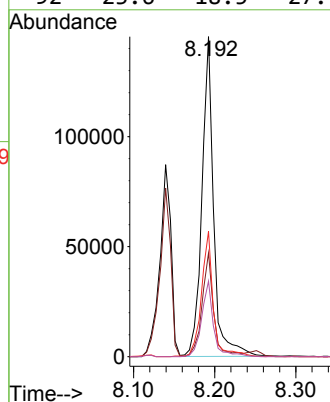
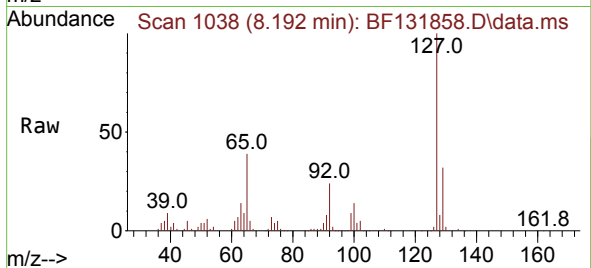
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 39.2 29.7 44.5

92 23.6 18.5 27.7



#34

Hexachlorobutadiene

Concen: 40.363 ng

RT: 8.251 min Scan# 1048

Delta R.T. -0.012 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

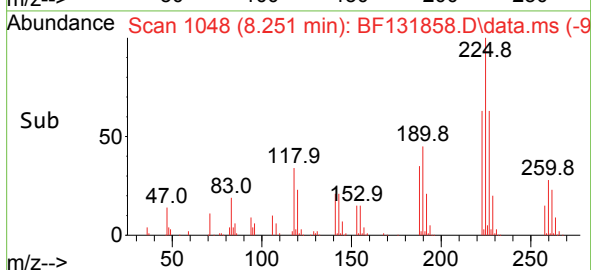
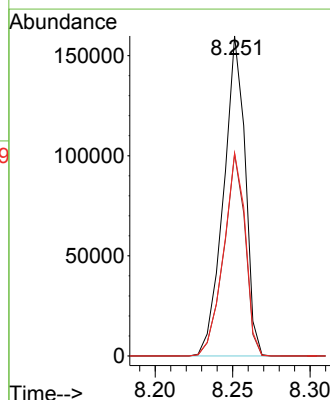
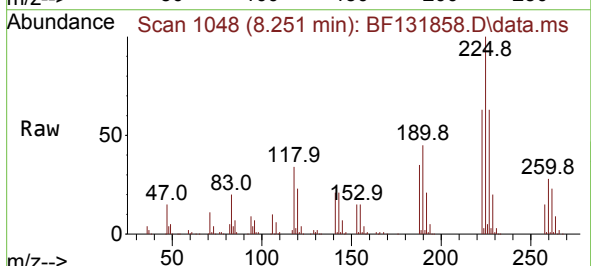
Tgt Ion:225 Resp: 154649

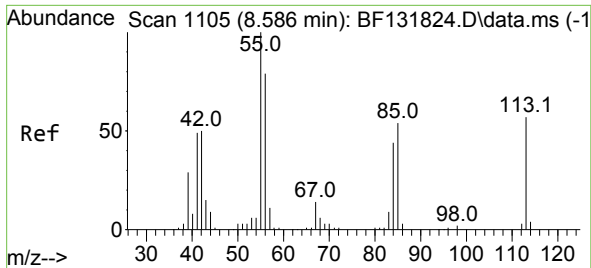
Ion Ratio Lower Upper

225 100

223 63.2 50.0 75.0

227 63.4 50.8 76.2

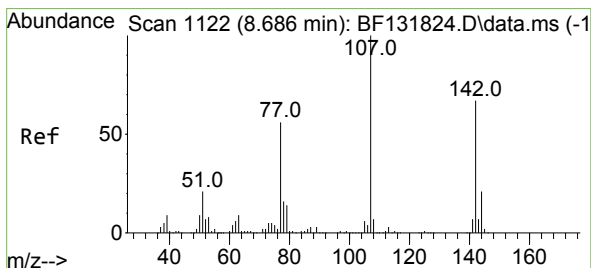
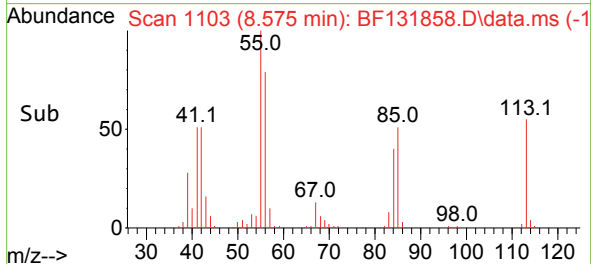
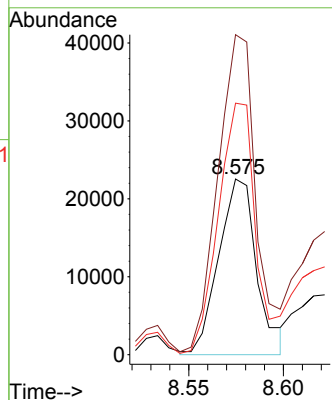
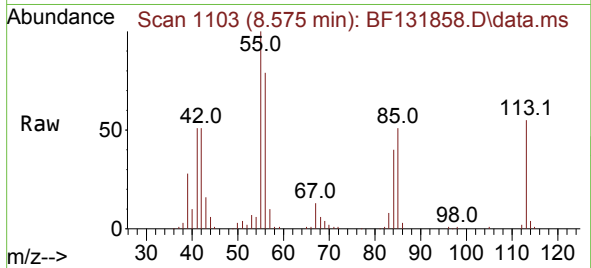




#35
 Caprolactam
 Concen: 22.496 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.012 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

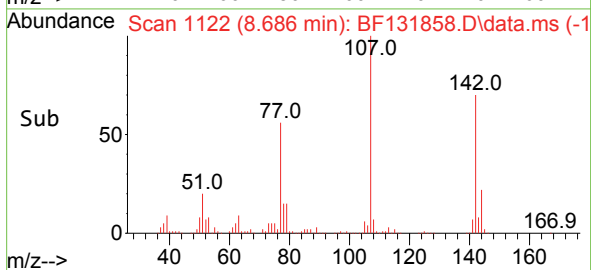
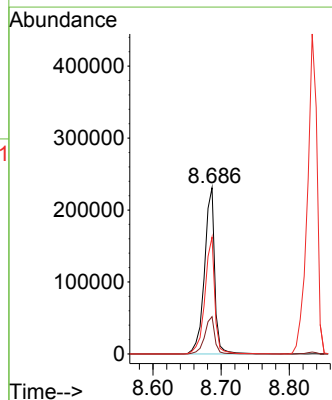
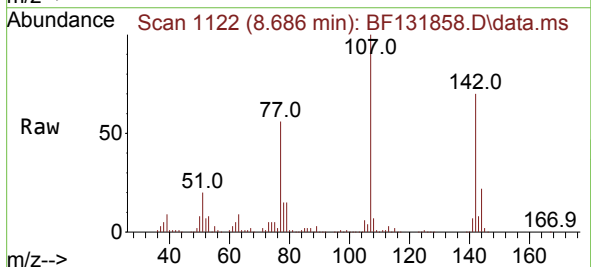
Instrument :
 BNA_F
 ClientSampleId :
 PB149912BSD

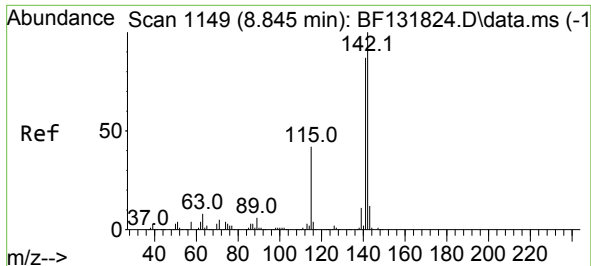
Tgt Ion:113 Resp: 31460
 Ion Ratio Lower Upper
 113 100
 55 182.1 153.3 193.3
 56 143.1 116.3 156.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.180 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.000 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

Tgt Ion:107 Resp: 241184
 Ion Ratio Lower Upper
 107 100
 144 22.5 16.8 25.2
 142 70.3 53.8 80.8

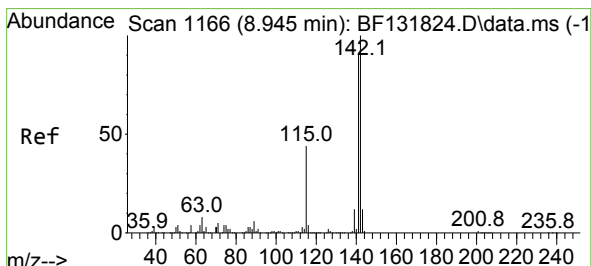
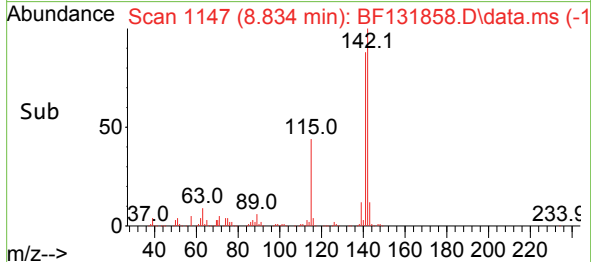
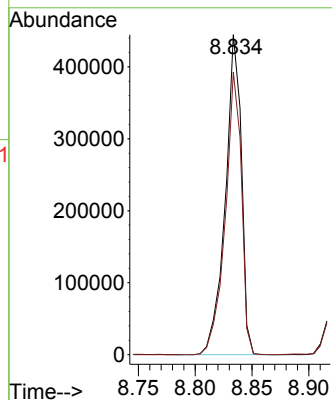
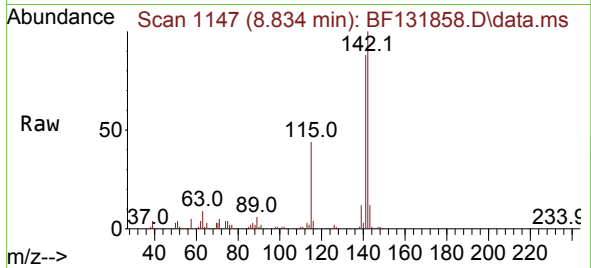




#37
2-Methylnaphthalene
Concen: 42.352 ng
RT: 8.834 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

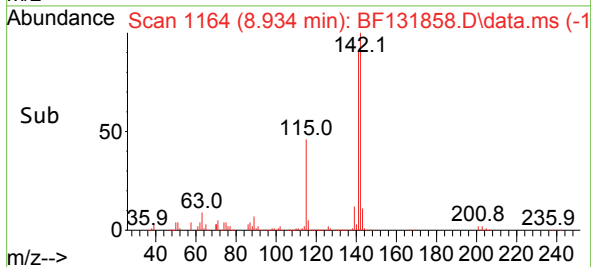
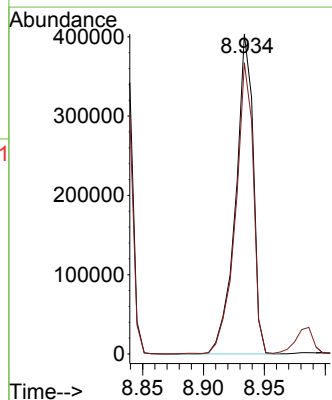
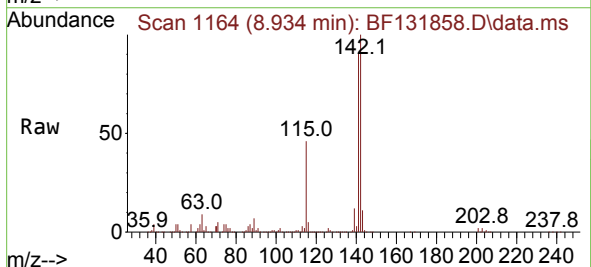
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

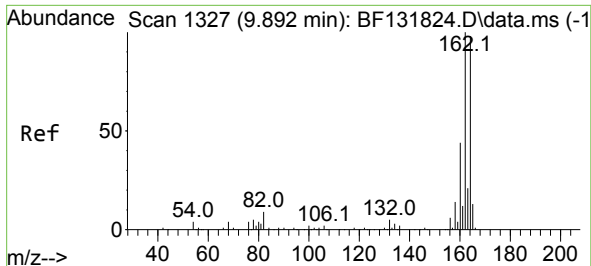
Tgt Ion:142 Resp: 438394
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.8



#38
1-Methylnaphthalene
Concen: 40.482 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:142 Resp: 407028
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6

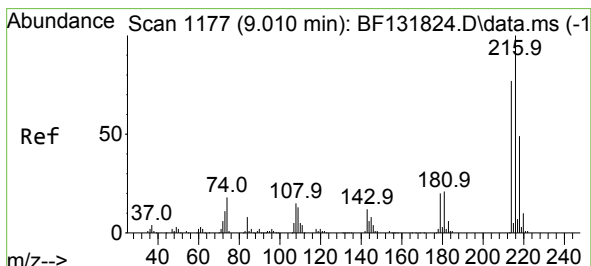
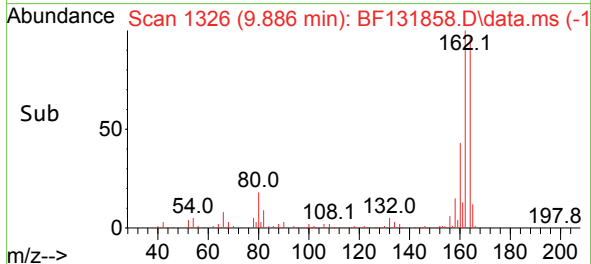
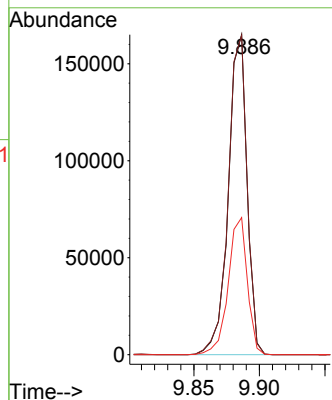
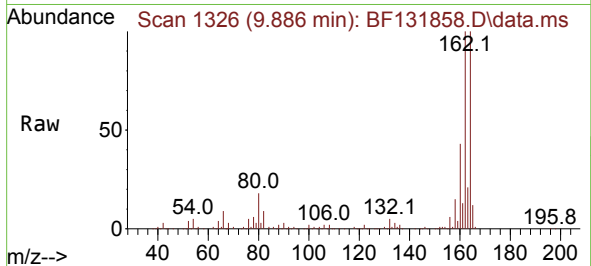




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

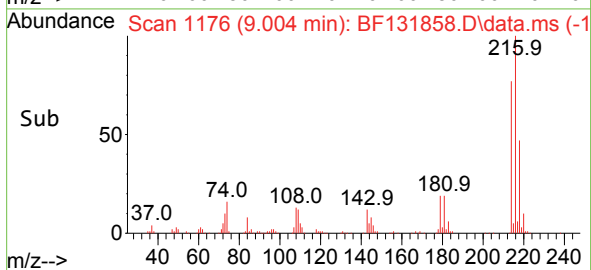
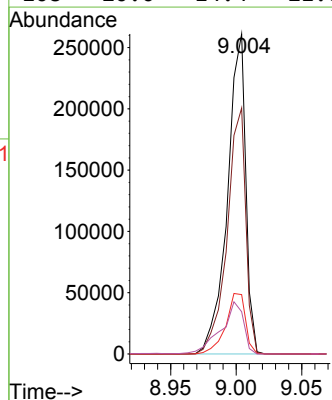
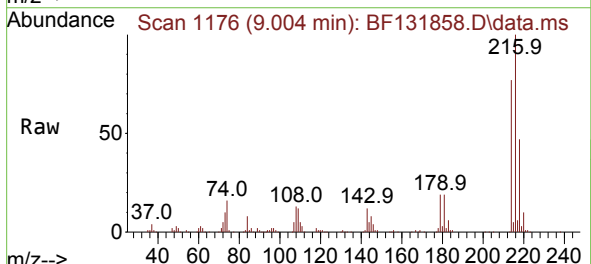
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

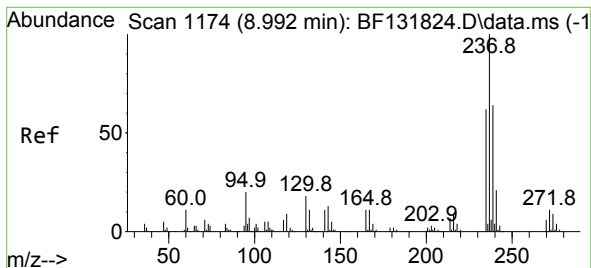
Tgt Ion:164 Resp: 163585
Ion Ratio Lower Upper
164 100
162 99.9 81.8 122.6
160 42.9 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.144 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:216 Resp: 253558
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.4
179 20.3 16.4 24.6
108 20.0 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 109.350 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

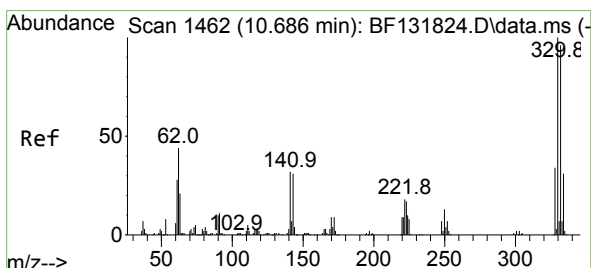
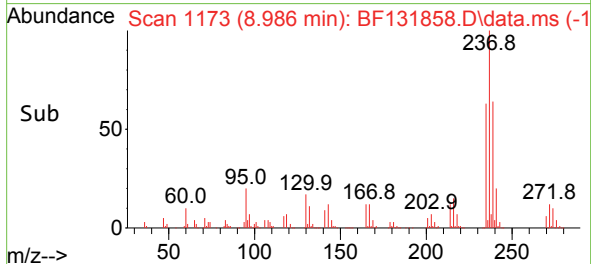
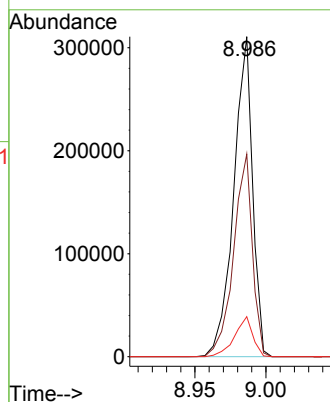
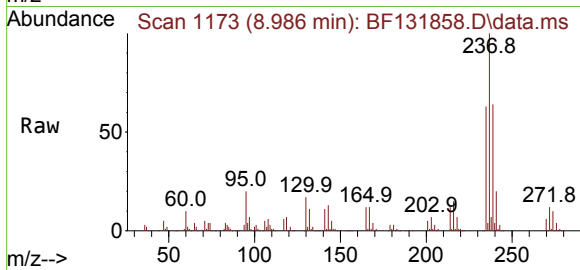
Tgt Ion:237 Resp: 287125

Ion Ratio Lower Upper

237 100

235 63.3 42.3 82.3

272 12.5 0.0 31.4



#42

2,4,6-Tribromophenol

Concen: 145.615 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

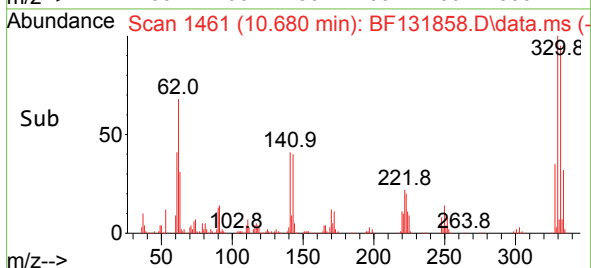
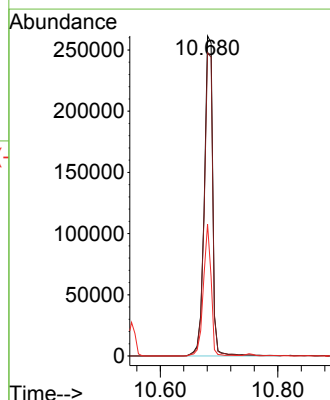
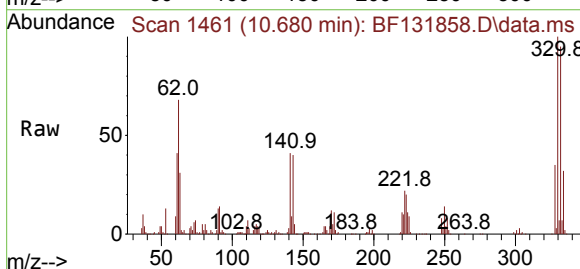
Tgt Ion:330 Resp: 258809

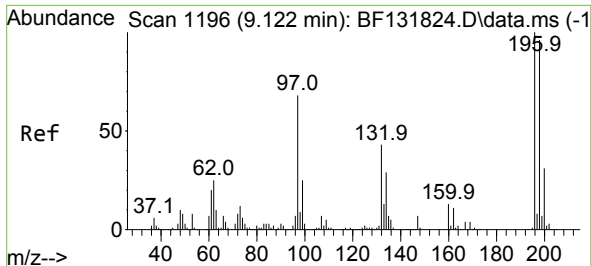
Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 37.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.660 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

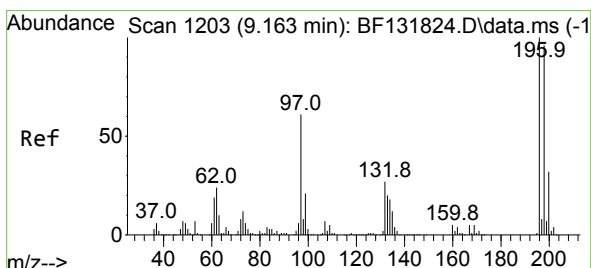
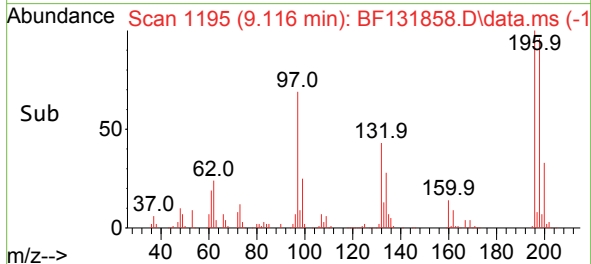
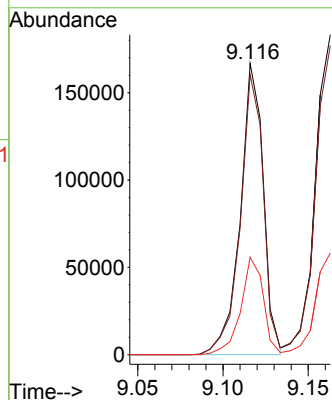
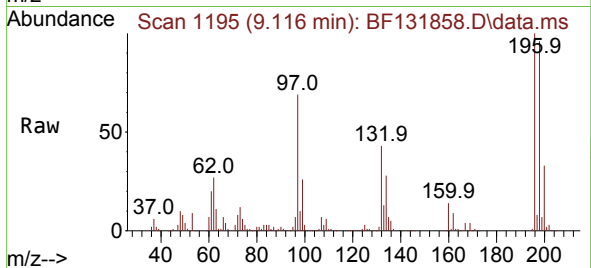
Tgt Ion:196 Resp: 156935

Ion Ratio Lower Upper

196 100

198 96.1 76.5 114.7

200 33.4 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 42.342 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Tgt Ion:196 Resp: 168380

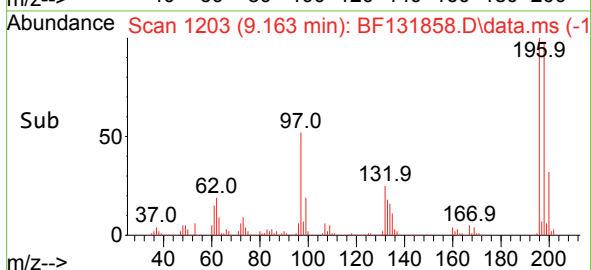
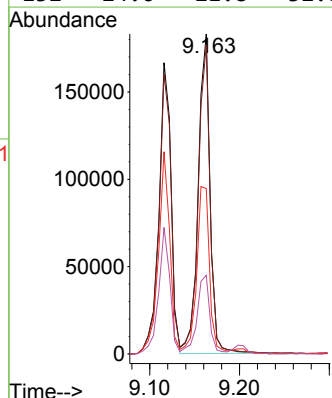
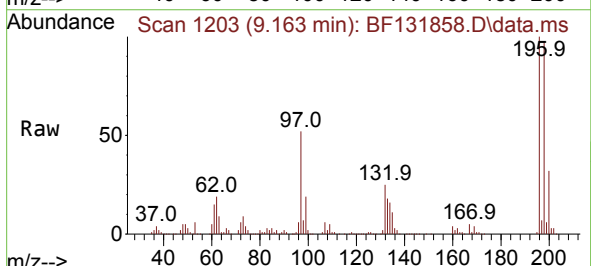
Ion Ratio Lower Upper

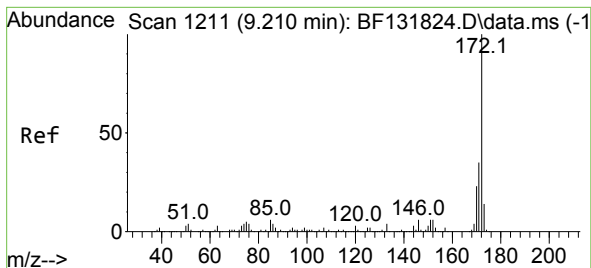
196 100

198 96.6 76.6 115.0

97 51.7 49.3 73.9

132 24.6 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 85.617 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

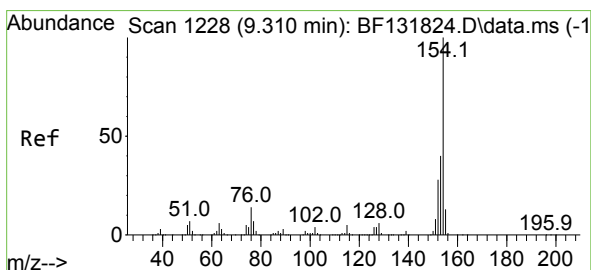
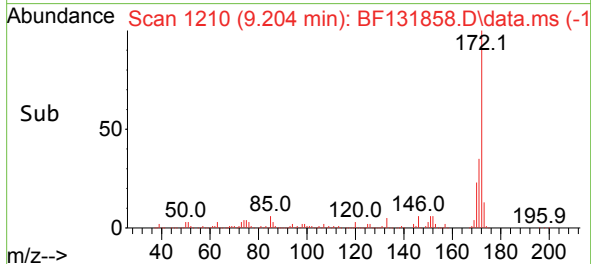
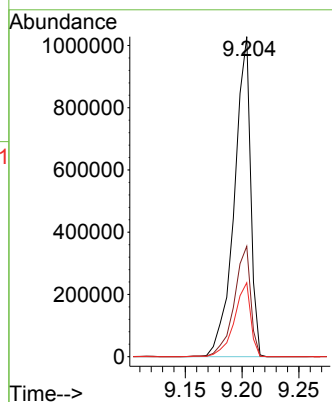
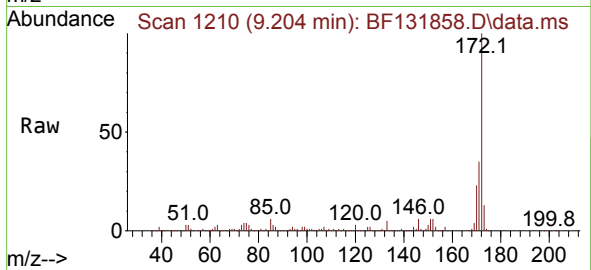
Tgt Ion:172 Resp: 1022516

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.1 18.7 28.1



#46

1,1'-Biphenyl

Concen: 44.058 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

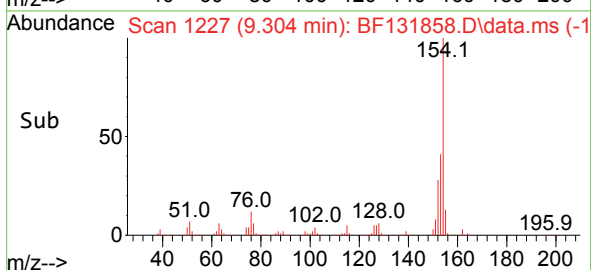
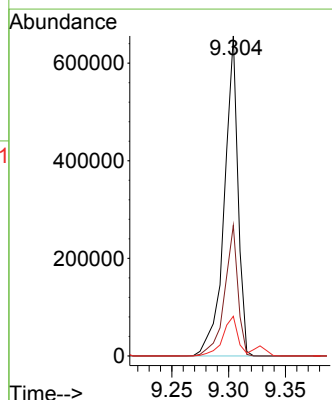
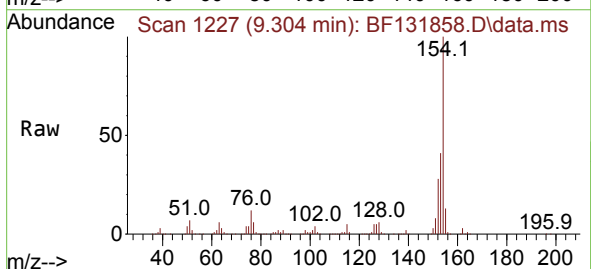
Tgt Ion:154 Resp: 551781

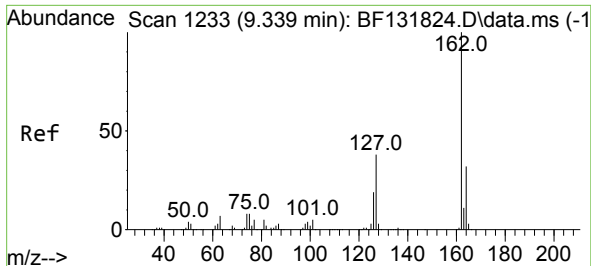
Ion Ratio Lower Upper

154 100

153 40.8 19.8 59.8

76 12.4 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.973 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.012 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

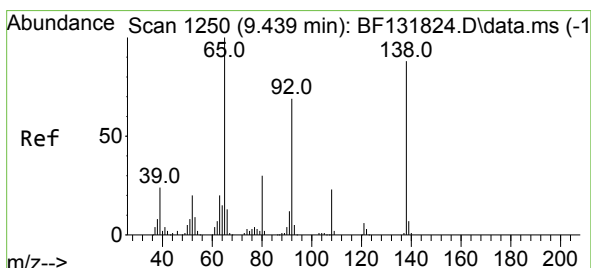
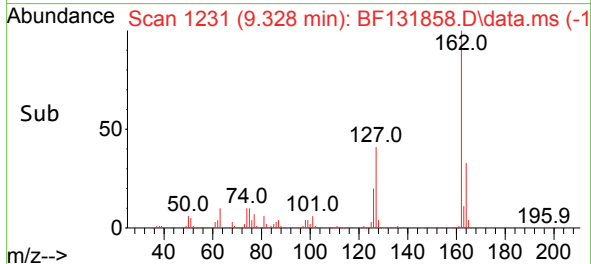
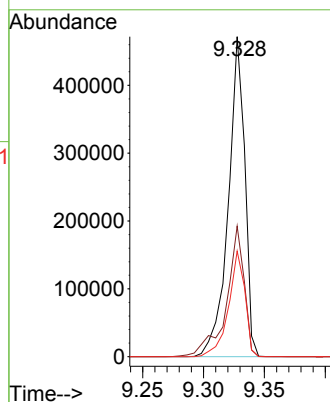
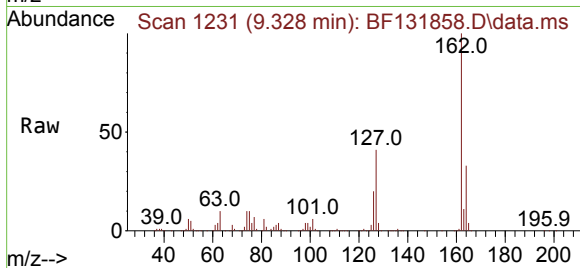
Tgt Ion:162 Resp: 445259

Ion Ratio Lower Upper

162 100

127 40.8 31.0 46.6

164 33.0 25.9 38.9



#48

2-Nitroaniline

Concen: 43.010 ng

RT: 9.434 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

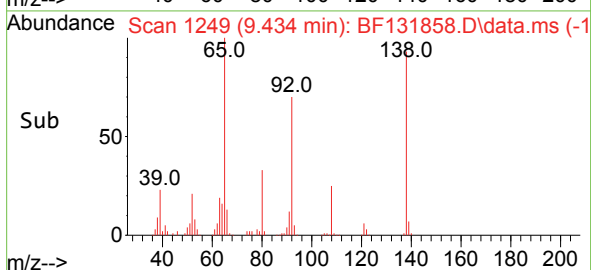
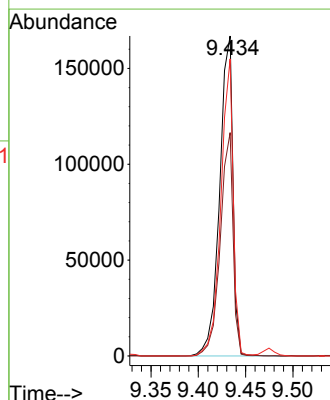
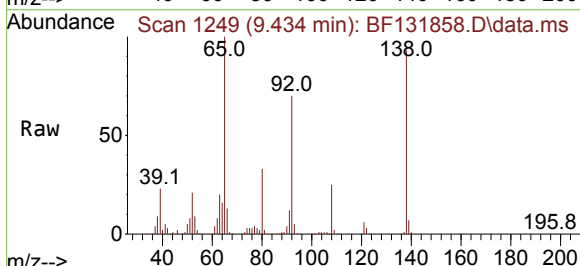
Tgt Ion: 65 Resp: 163343

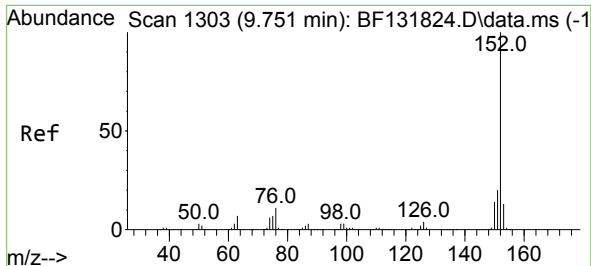
Ion Ratio Lower Upper

65 100

92 69.8 55.0 82.6

138 92.9 70.4 105.6

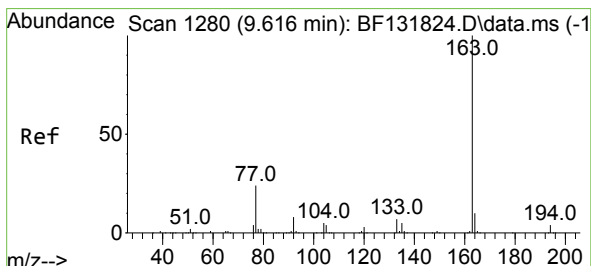
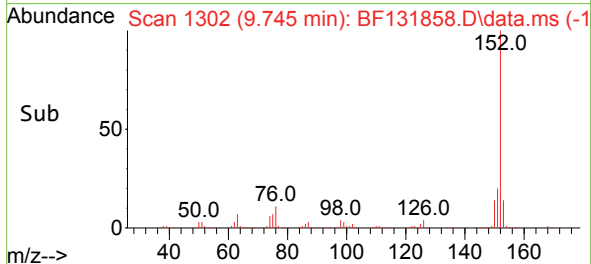
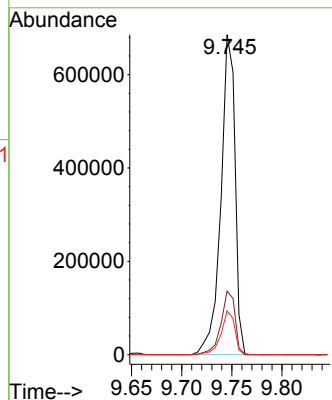
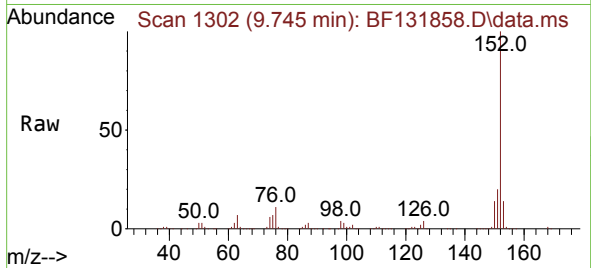




#49
Acenaphthylene
Concen: 43.638 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

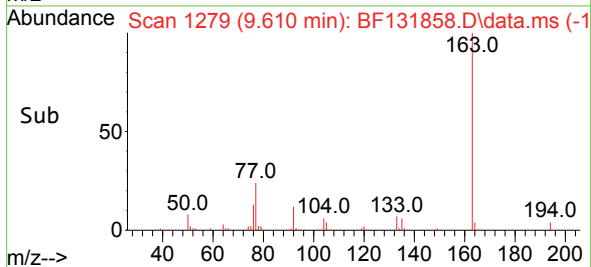
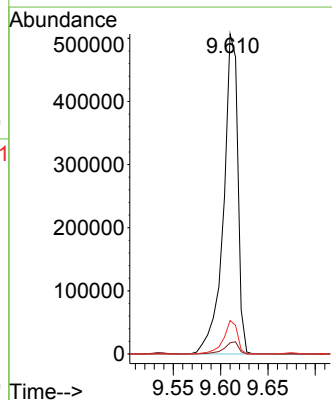
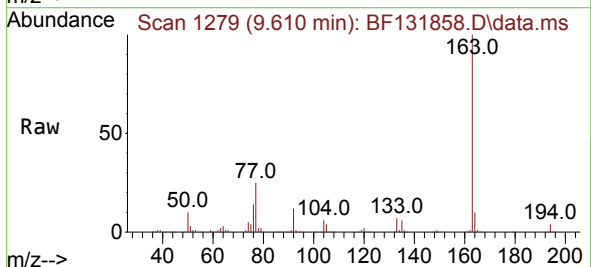
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

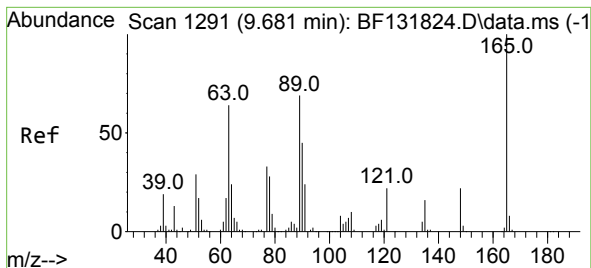
Tgt Ion:152 Resp: 673259
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.7 10.2 15.4



#50
Dimethylphthalate
Concen: 43.162 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:163 Resp: 534168
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.4 8.2 12.4

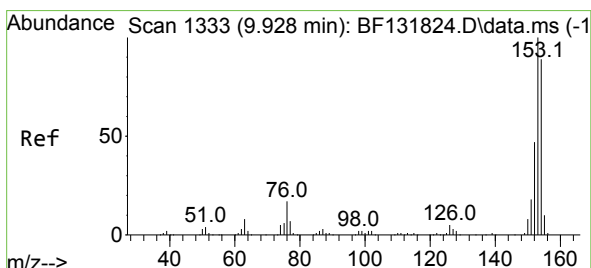
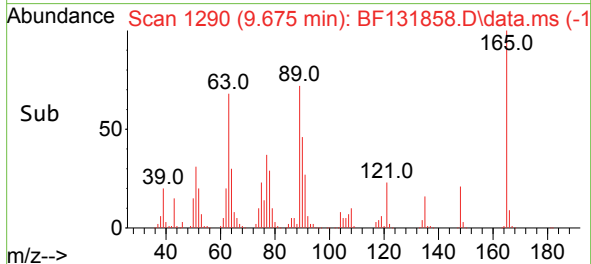
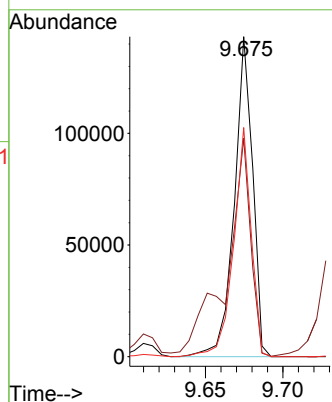
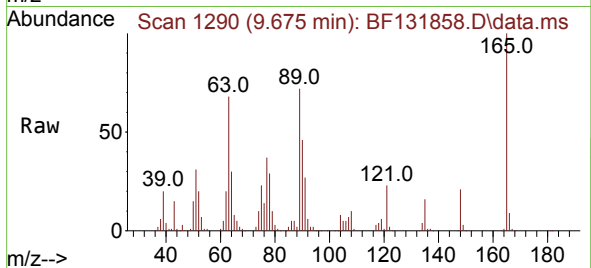




#51
2,6-Dinitrotoluene
Concen: 43.841 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

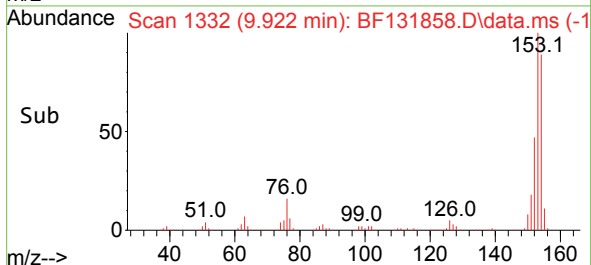
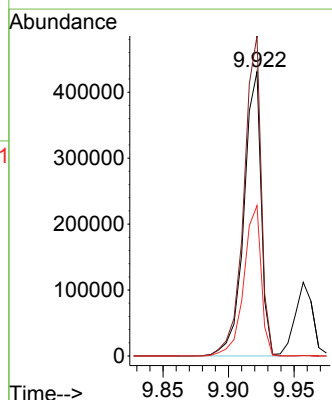
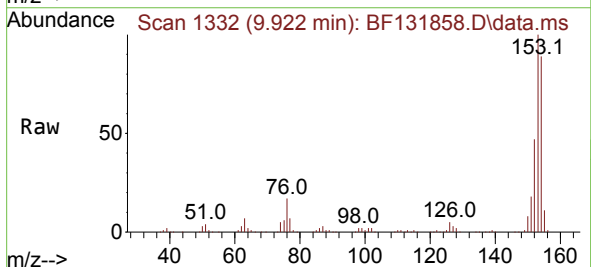
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

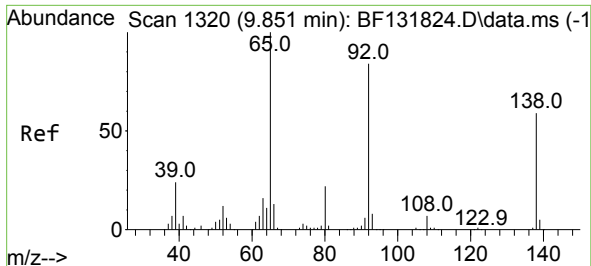
Tgt Ion:165 Resp: 117451
Ion Ratio Lower Upper
165 100
63 68.3 55.1 82.7
89 71.6 55.0 82.4



#52
Acenaphthene
Concen: 42.660 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:154 Resp: 397228
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.2
152 52.9 42.5 63.7

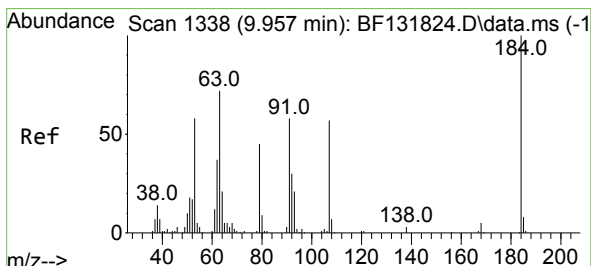
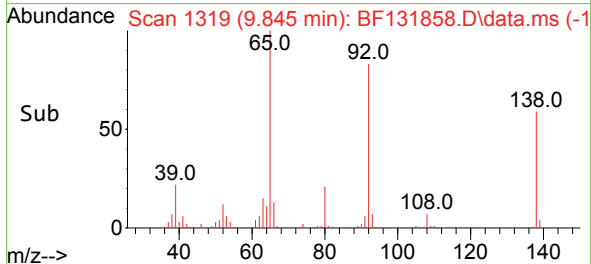
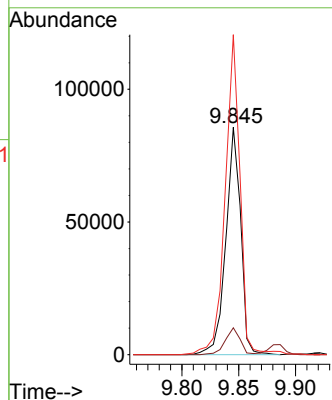
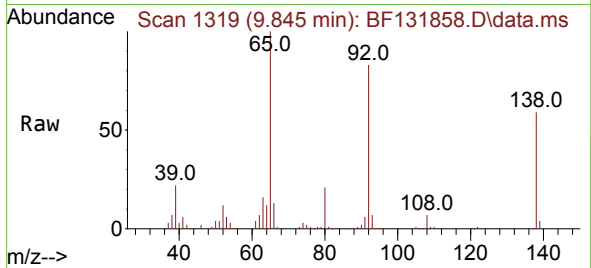




#53
3-Nitroaniline
Concen: 28.553 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

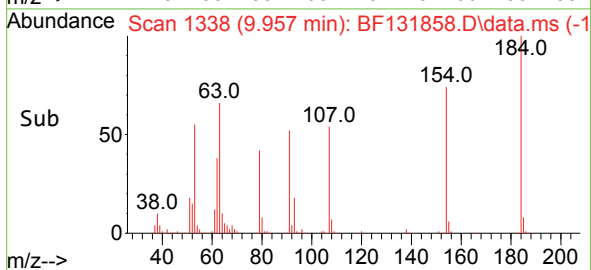
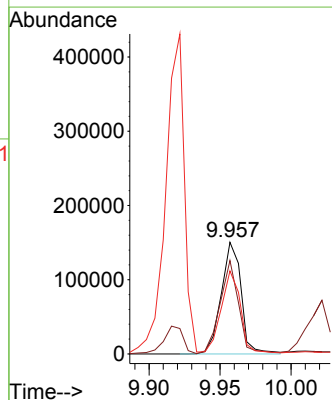
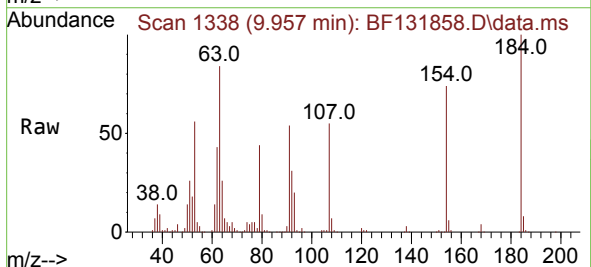
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

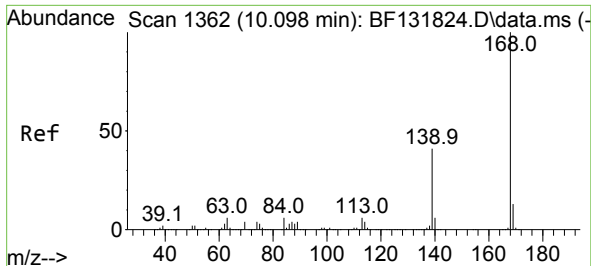
Tgt Ion:138 Resp: 77944
Ion Ratio Lower Upper
138 100
108 11.8 9.3 13.9
92 140.8 113.9 170.9



#54
2,4-Dinitrophenol
Concen: 95.097 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:184 Resp: 146614
Ion Ratio Lower Upper
184 100
63 83.7 66.8 100.2
154 74.4 61.6 92.4

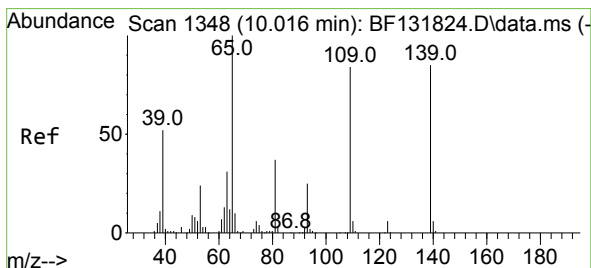
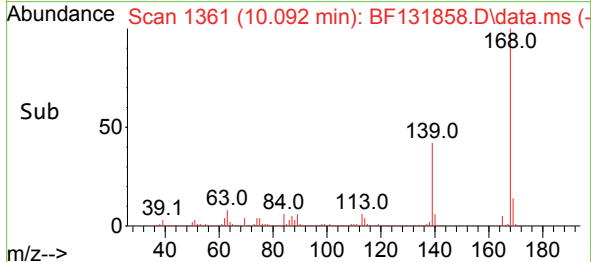
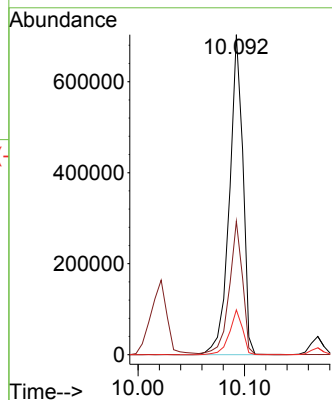
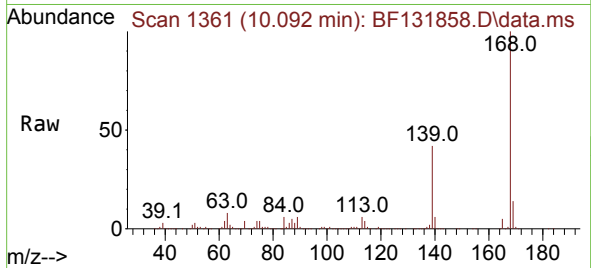




#55
Dibenzenofuran
Concen: 42.996 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

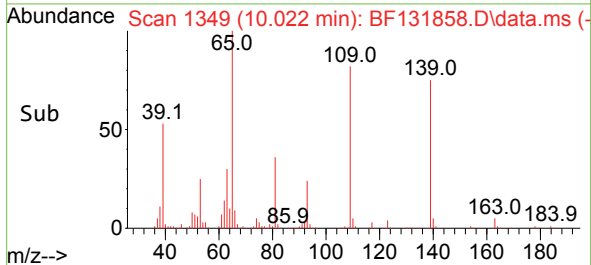
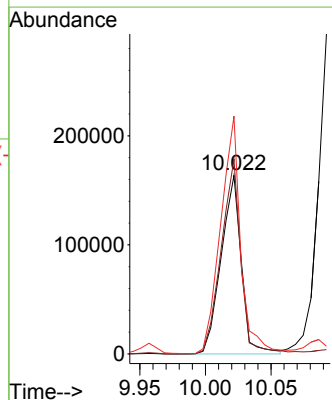
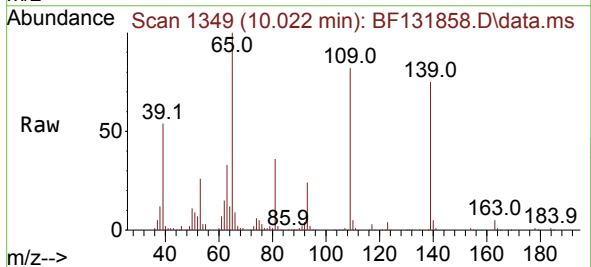
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

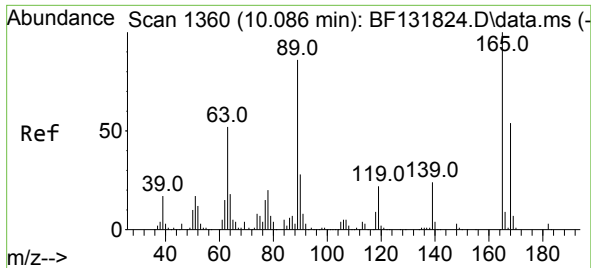
Tgt Ion:168 Resp: 616822
Ion Ratio Lower Upper
168 100
139 41.7 32.6 49.0
169 14.0 10.5 15.7



#56
4-Nitrophenol
Concen: 91.303 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:139 Resp: 174594
Ion Ratio Lower Upper
139 100
109 109.1 78.5 118.5
65 133.1 97.5 137.5

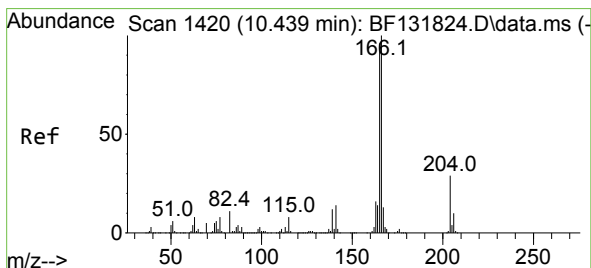
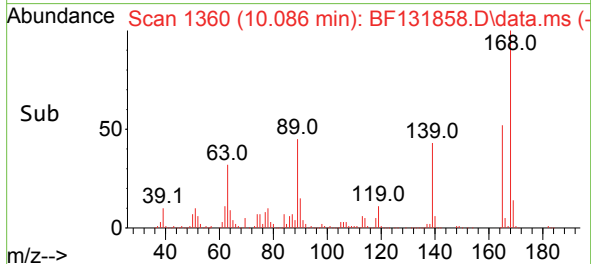
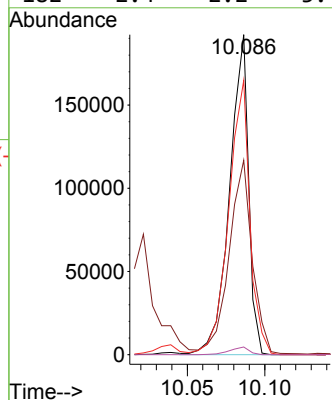
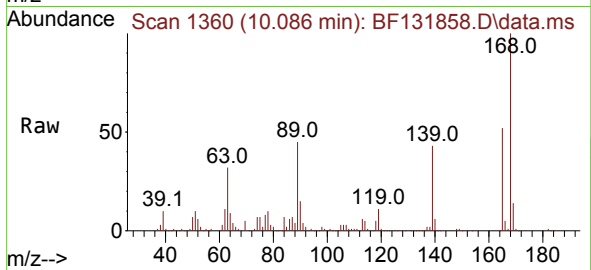




#57
2,4-Dinitrotoluene
Concen: 44.671 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

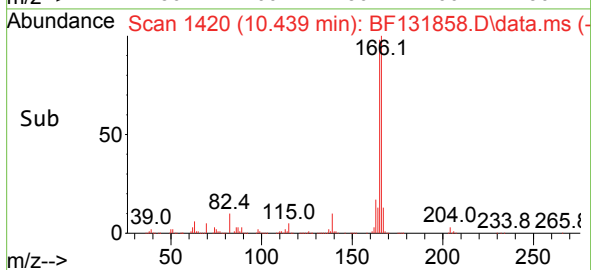
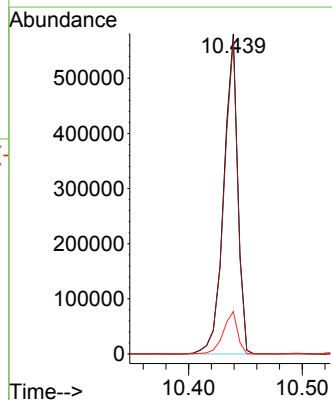
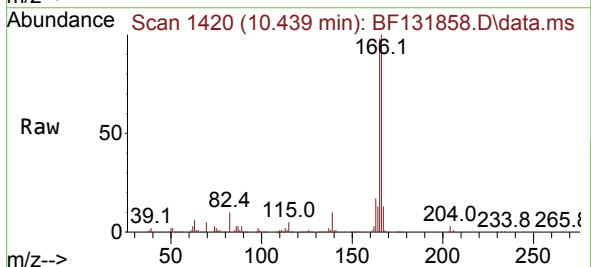
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

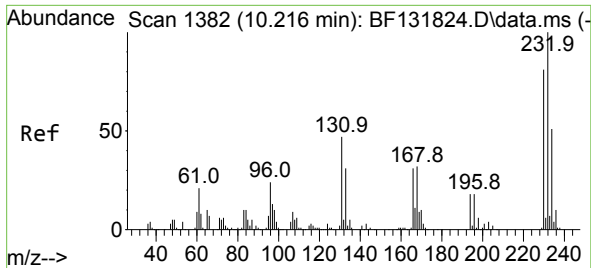
Tgt Ion:165 Resp: 163666
Ion Ratio Lower Upper
165 100
63 60.7 42.1 63.1
89 85.7 69.1 103.7
182 2.4 2.2 3.4



#58
Fluorene
Concen: 42.600 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:166 Resp: 498923
Ion Ratio Lower Upper
166 100
165 98.4 77.0 115.4
167 13.2 10.4 15.6

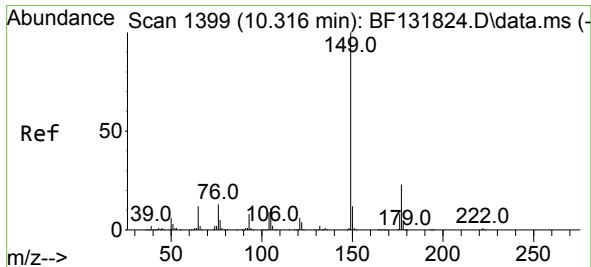
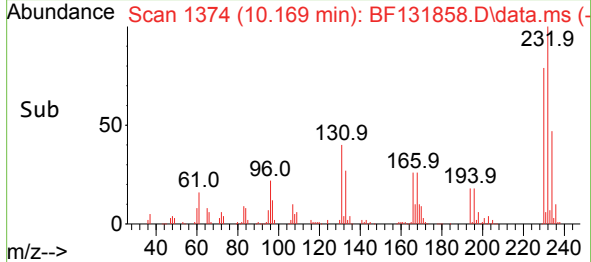
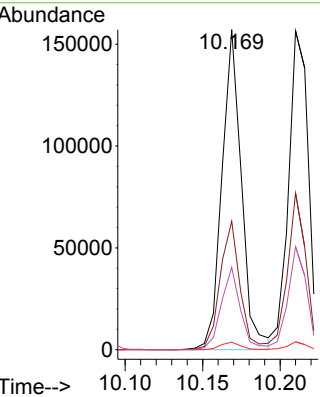
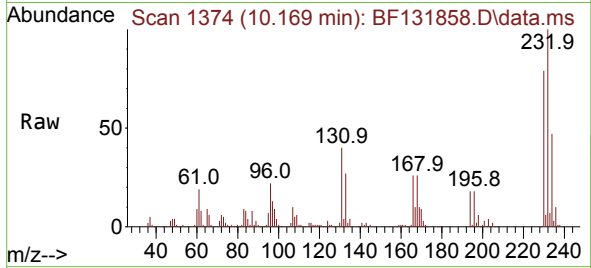




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.089 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.047 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

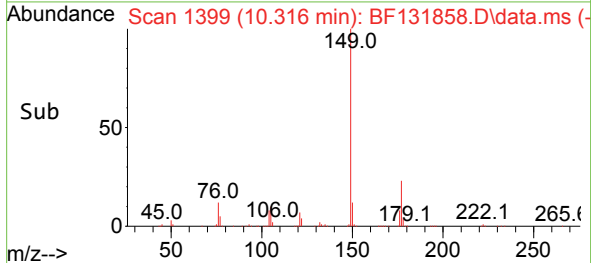
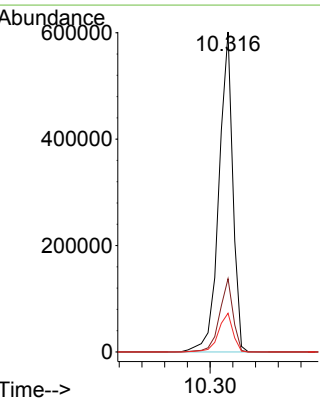
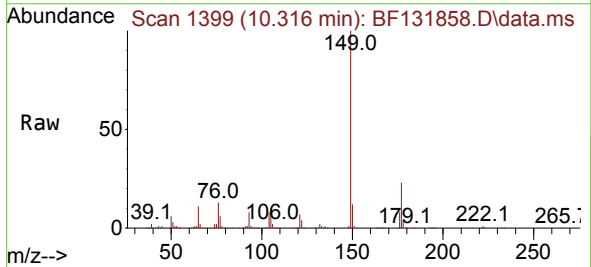
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

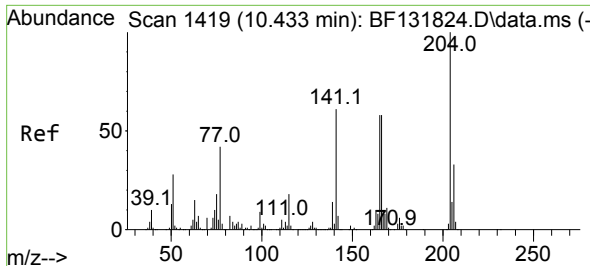
Tgt Ion:232 Resp: 137351
Ion Ratio Lower Upper
232 100
131 40.5 30.1 45.1
130 2.4 1.8 2.6
166 25.6 19.4 29.0



#60
Diethylphthalate
Concen: 42.786 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:149 Resp: 509630
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.1 9.8 14.8

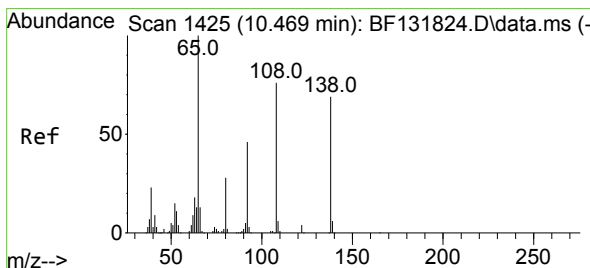
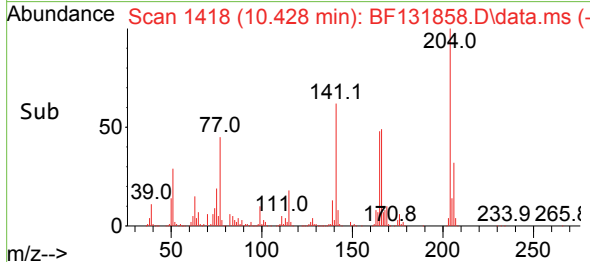
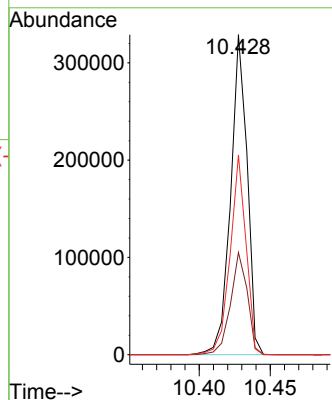
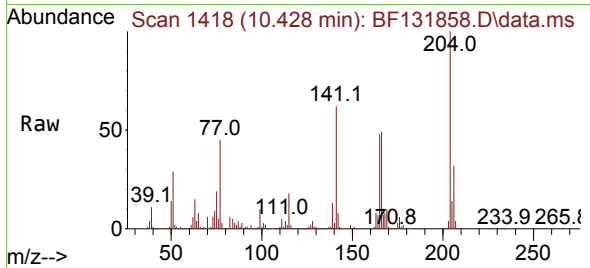




#61
4-Chlorophenyl-phenylether
Concen: 43.657 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

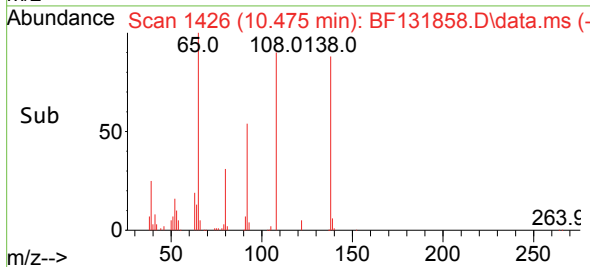
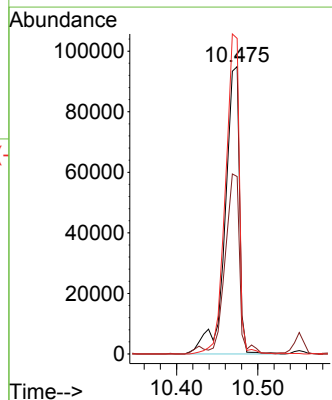
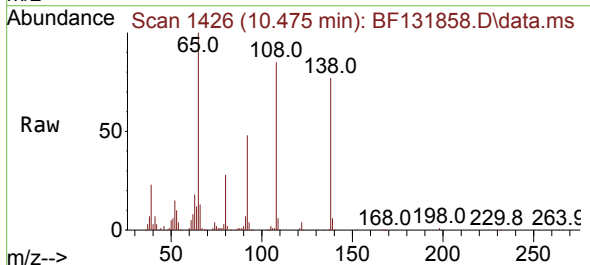
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

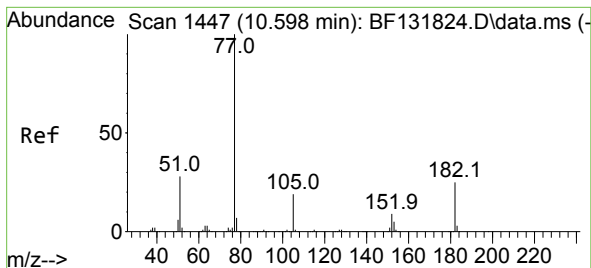
Tgt Ion:204 Resp: 265801
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 62.4 49.0 73.4



#62
4-Nitroaniline
Concen: 41.270 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:138 Resp: 117410
Ion Ratio Lower Upper
138 100
92 61.8 47.2 87.2
108 109.8 89.2 129.2

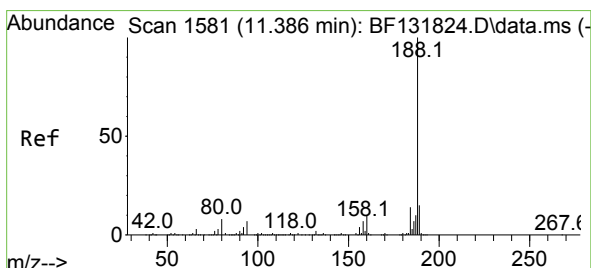
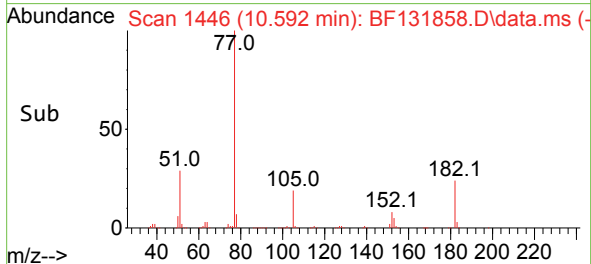
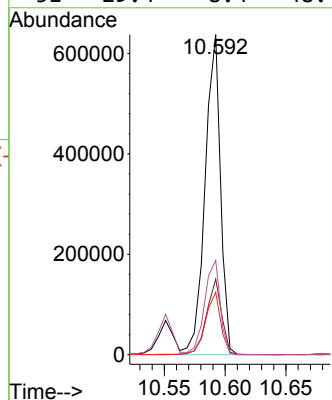
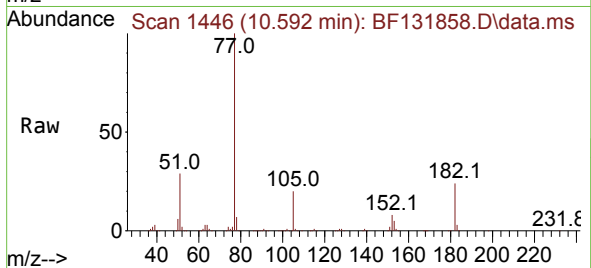




#63
Azobenzene
Concen: 42.427 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

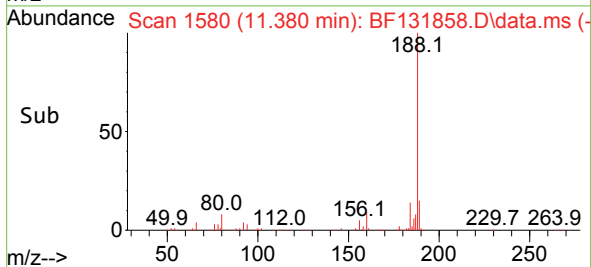
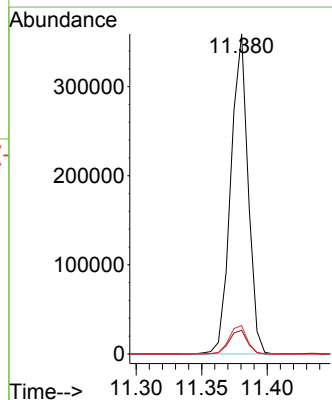
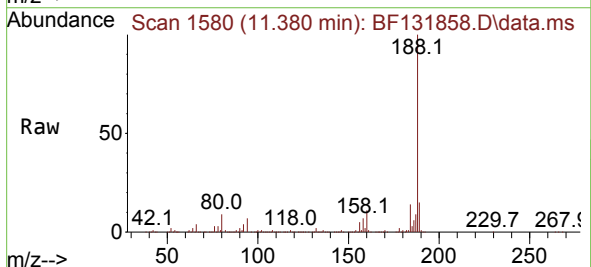
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

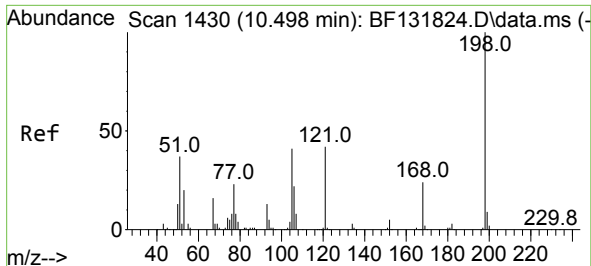
Tgt Ion:	77	Resp:	560855
Ion	Ratio	Lower	Upper
77	100		
182	23.6	5.0	45.0
105	19.5	0.0	39.4
51	29.4	8.4	48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:	188	Resp:	328484
Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	8.8	6.7	10.1

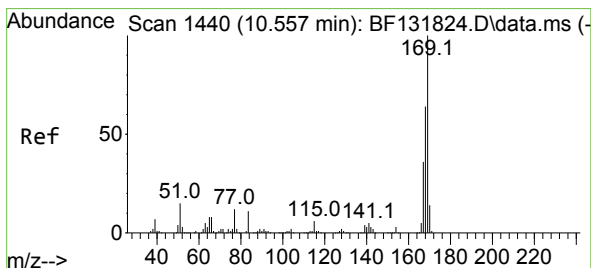
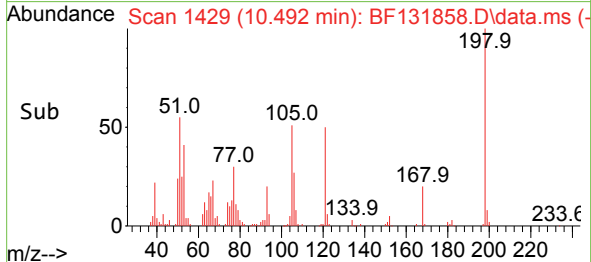
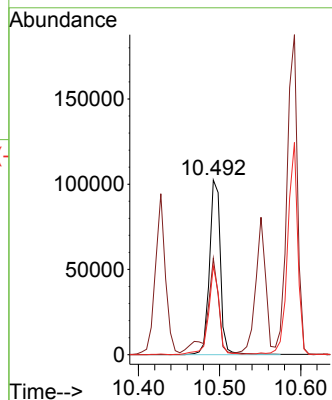
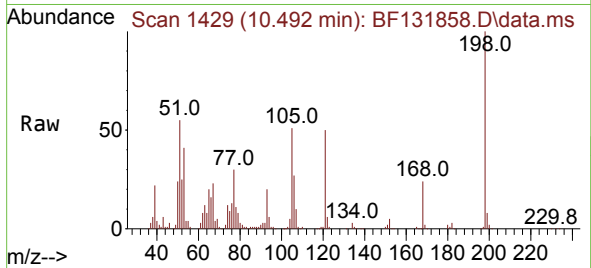




#65
4,6-Dinitro-2-methylphenol
Concen: 42.868 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

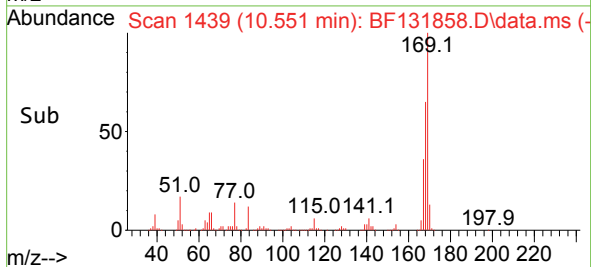
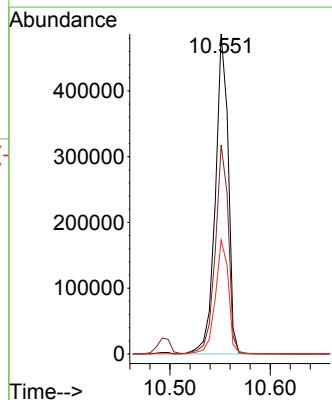
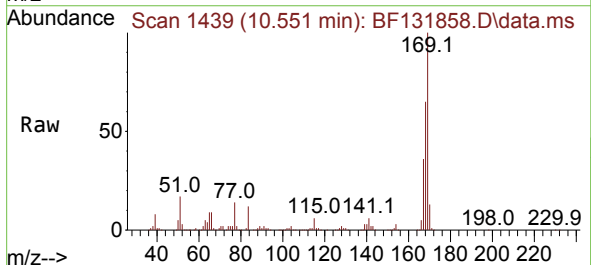
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

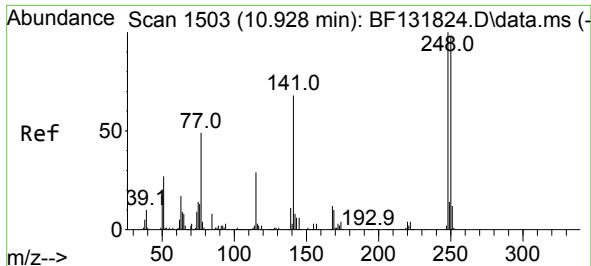
Tgt Ion:198 Resp: 95876
Ion Ratio Lower Upper
198 100
51 55.2 21.6 61.6
105 50.8 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 43.207 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

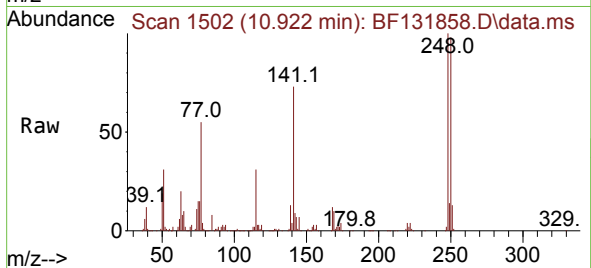
Tgt Ion:169 Resp: 432943
Ion Ratio Lower Upper
169 100
168 65.3 51.5 77.3
167 35.6 28.4 42.6



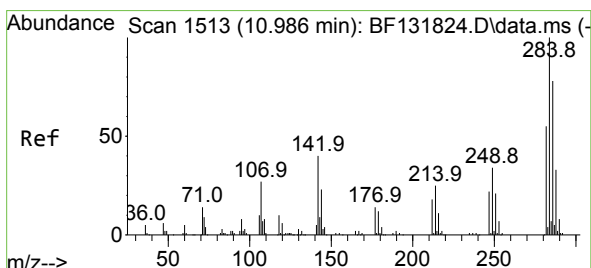
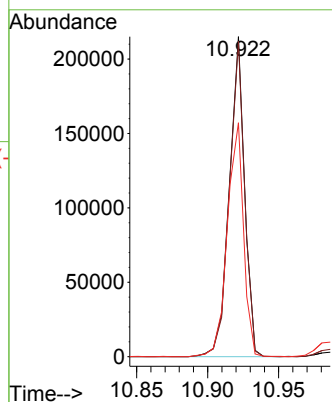
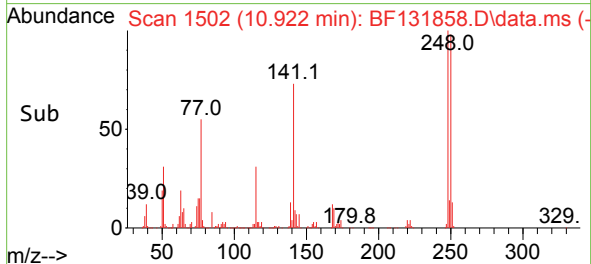


#67
4-Bromophenyl-phenylether
Concen: 42.510 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

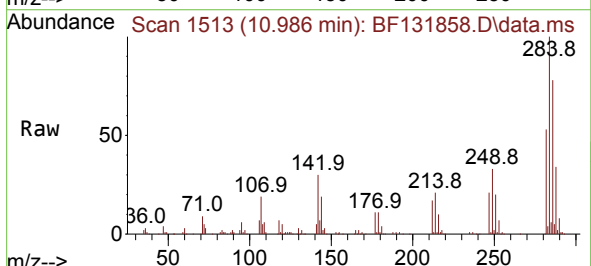
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



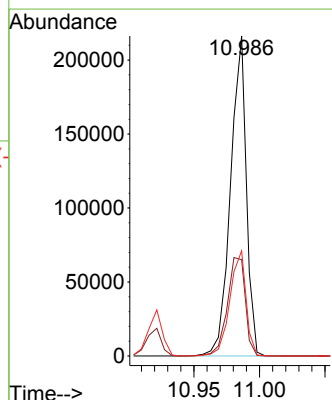
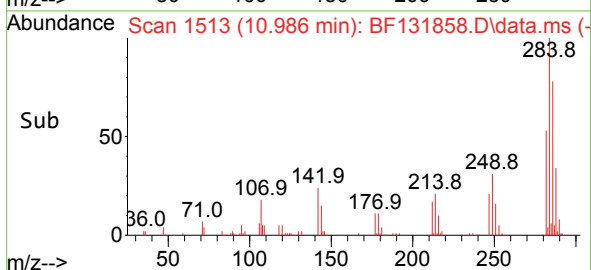
Tgt Ion:248 Resp: 161844
Ion Ratio Lower Upper
248 100
250 98.5 78.0 117.0
141 73.1 54.8 82.2

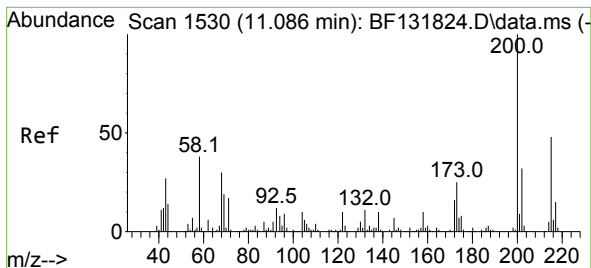


#68
Hexachlorobenzene
Concen: 43.336 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:284 Resp: 181241
Ion Ratio Lower Upper
284 100
142 30.1 31.6 47.4#
249 32.8 26.9 40.3





#69

Atrazine

Concen: 49.448 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

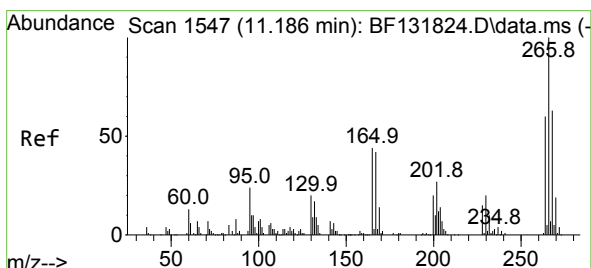
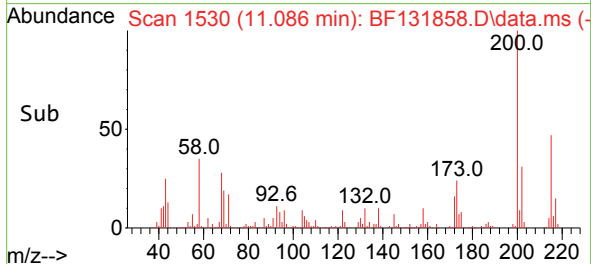
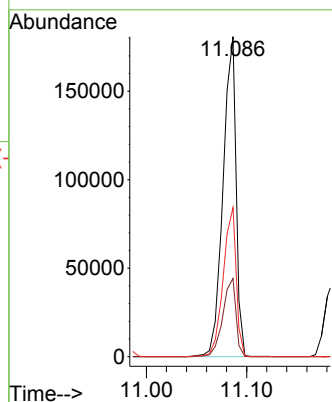
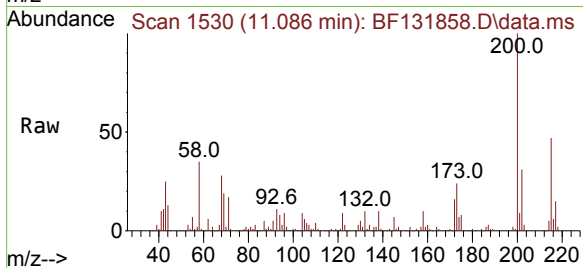
Tgt Ion:200 Resp: 163121

Ion Ratio Lower Upper

200 100

173 24.5 4.5 44.5

215 46.6 28.5 68.5



#70

Pentachlorophenol

Concen: 96.737 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

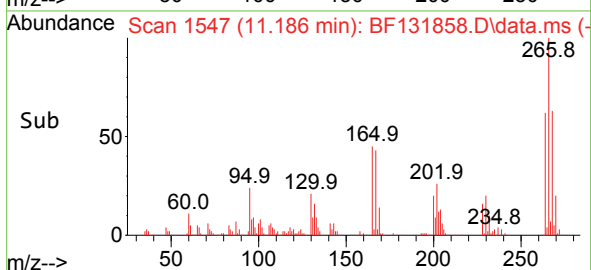
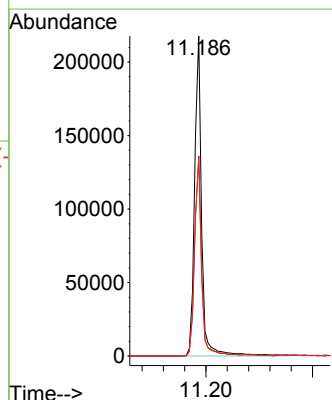
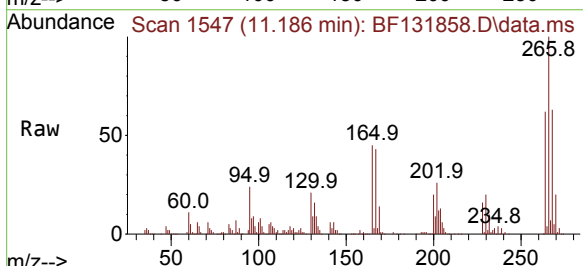
Tgt Ion:266 Resp: 200193

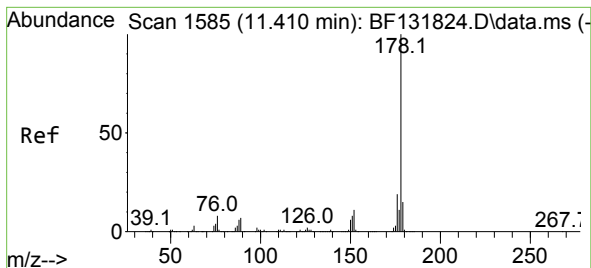
Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

264 61.8 48.3 72.5





#71

Phenanthrene

Concen: 42.053 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

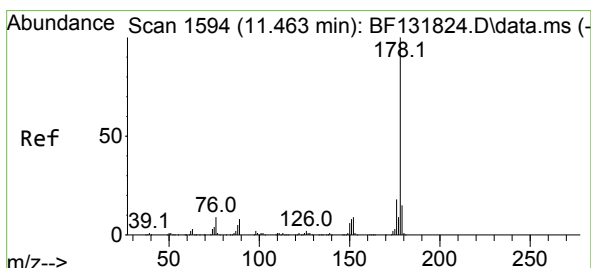
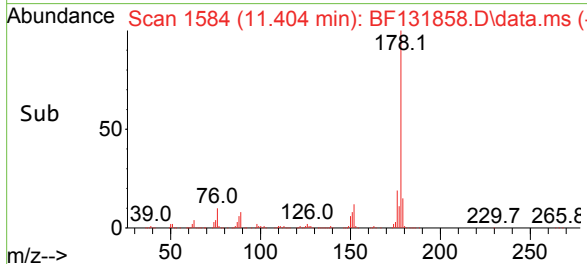
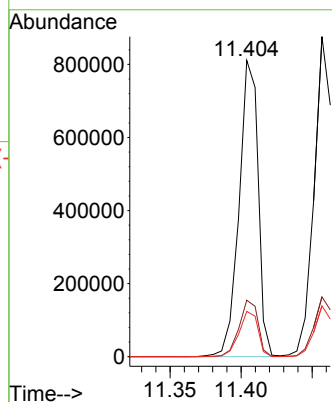
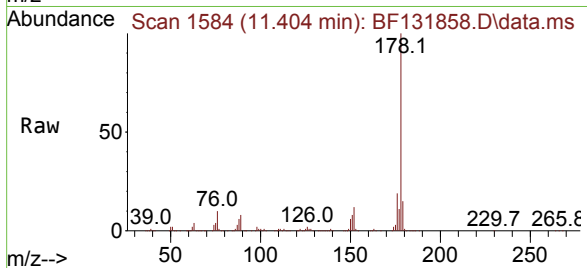
Tgt Ion:178 Resp: 759642

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 43.658 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

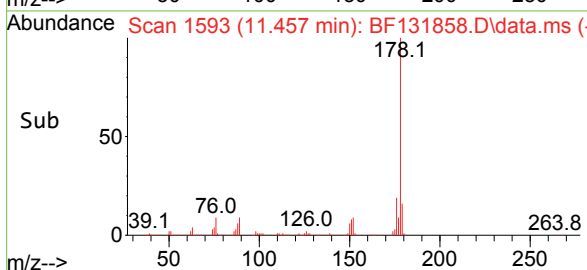
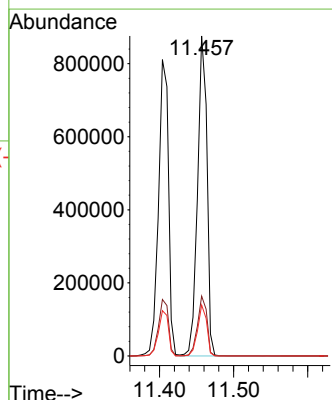
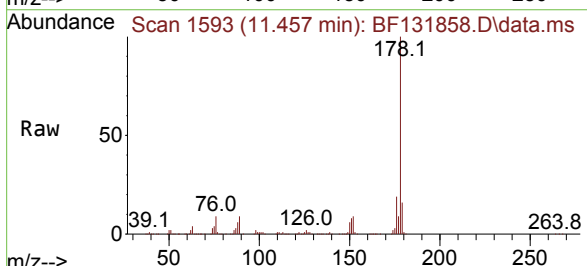
Tgt Ion:178 Resp: 771475

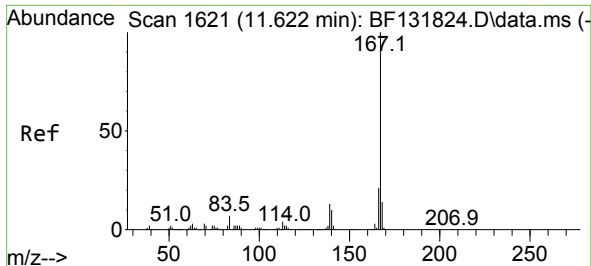
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.9 12.2 18.2

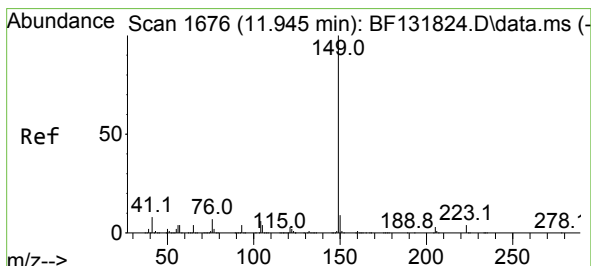
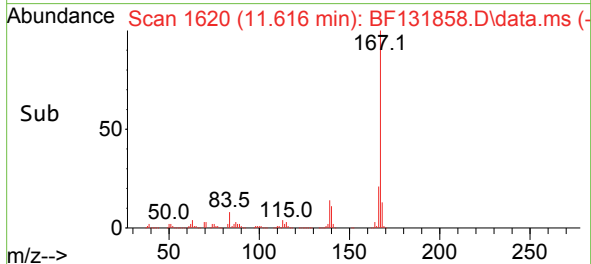
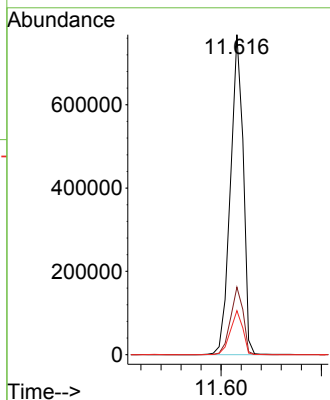
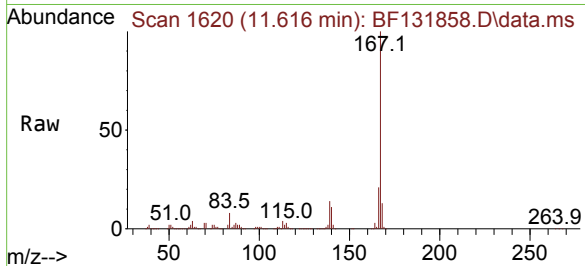




#73
 Carbazole
 Concen: 43.508 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

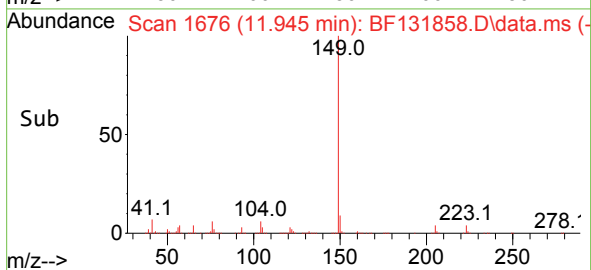
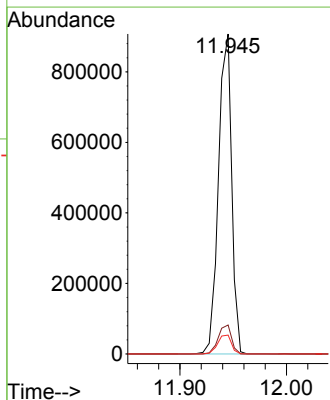
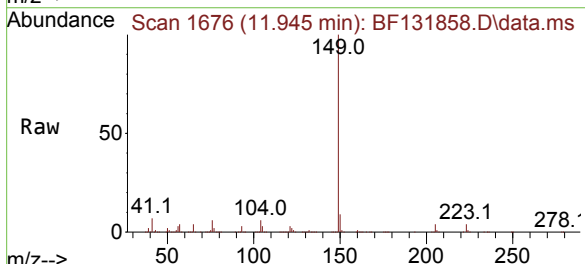
Instrument :
 BNA_F
 ClientSampleId :
 PB149912BSD

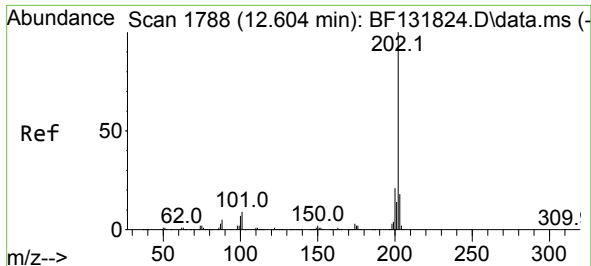
Tgt Ion:167 Resp: 678720
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.6 24.8
 139 13.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 41.193 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

Tgt Ion:149 Resp: 776730
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.9 5.1 7.7

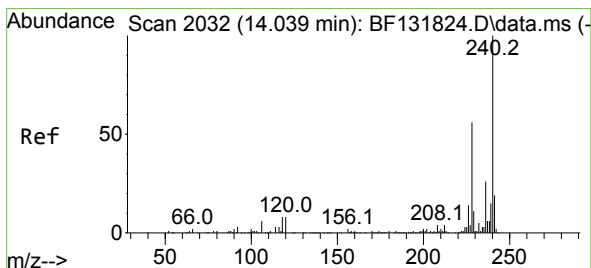
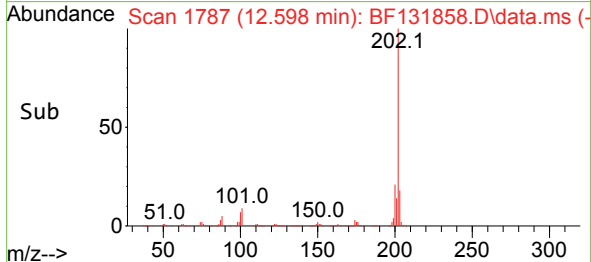
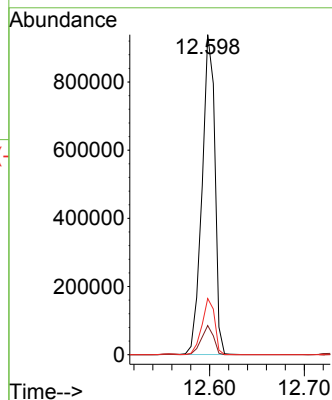
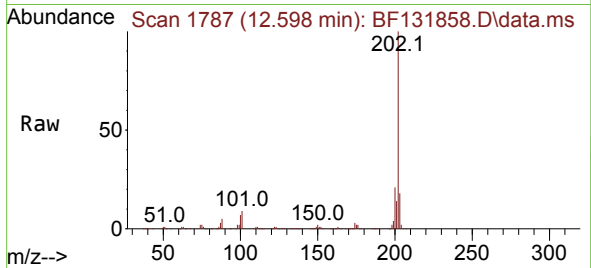




#75
Fluoranthene
Concen: 42.106 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

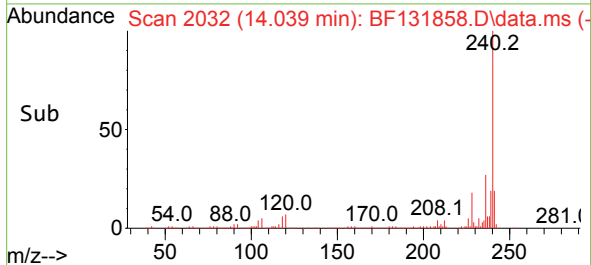
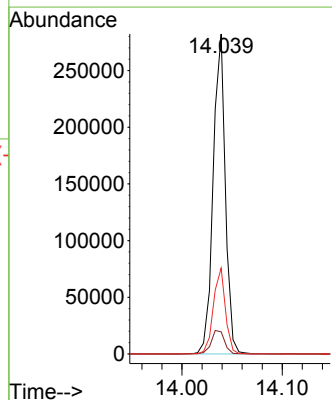
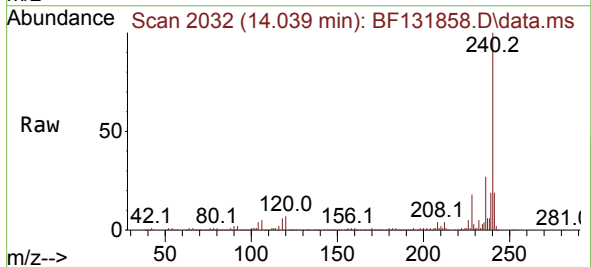
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

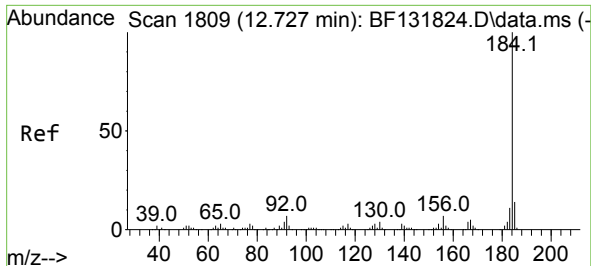
Tgt Ion:202 Resp: 885925
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.6
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:240 Resp: 238293
Ion Ratio Lower Upper
240 100
120 6.9 6.7 10.1
236 26.9 20.6 31.0

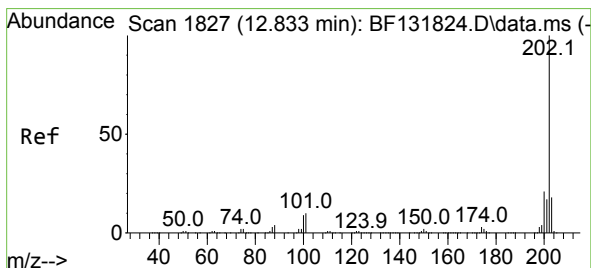
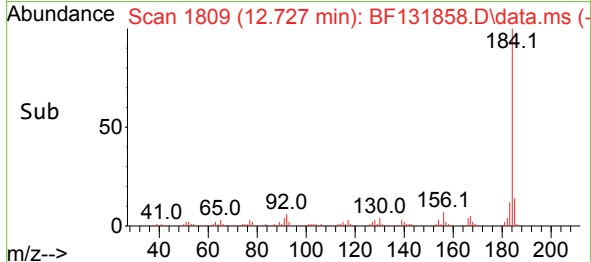
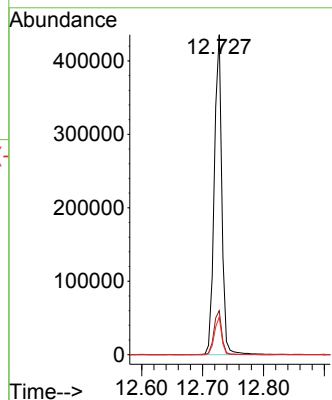
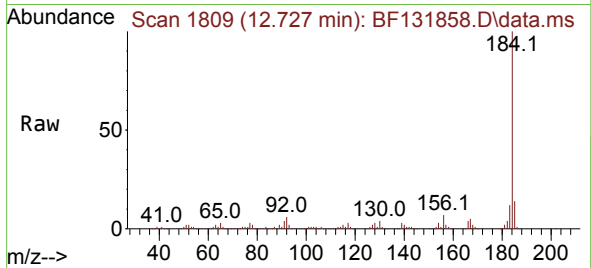




#77
Benzidine
Concen: 96.552 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

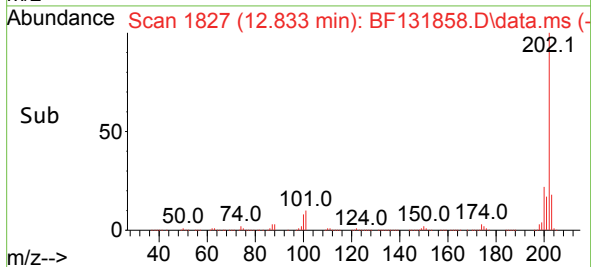
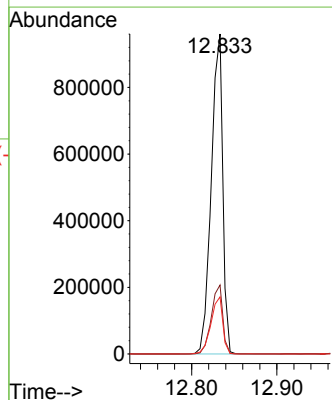
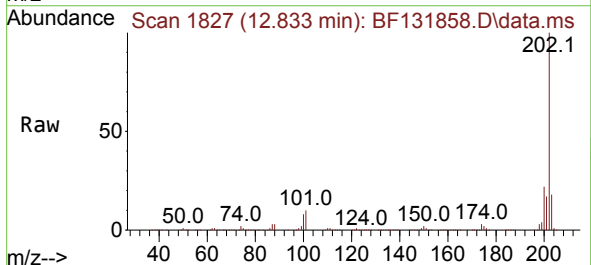
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

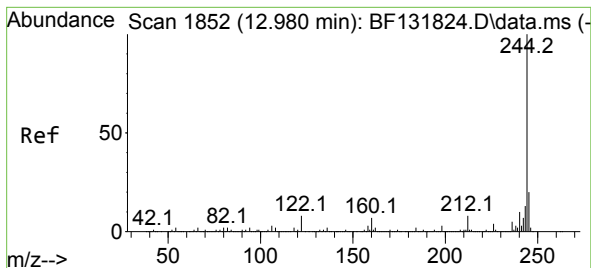
Tgt Ion:184 Resp: 378102
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.7 9.0 13.4



#78
Pyrene
Concen: 45.107 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:202 Resp: 900922
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 95.557 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

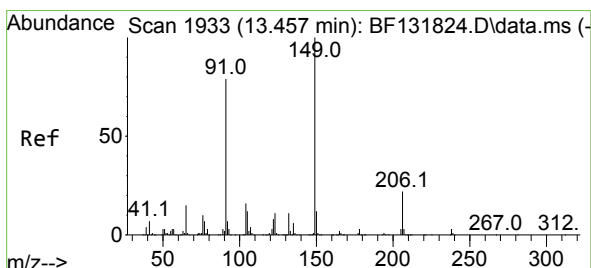
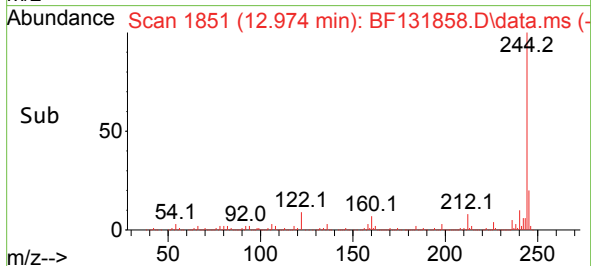
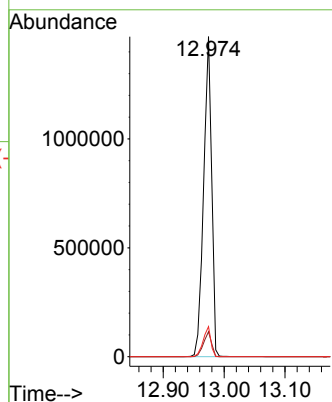
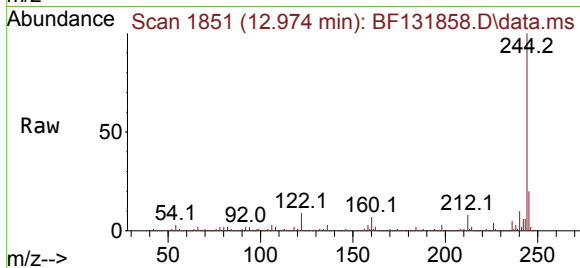
Tgt Ion:244 Resp: 1346158

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 9.4 6.4 9.6



#80

Butylbenzylphthalate

Concen: 45.726 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

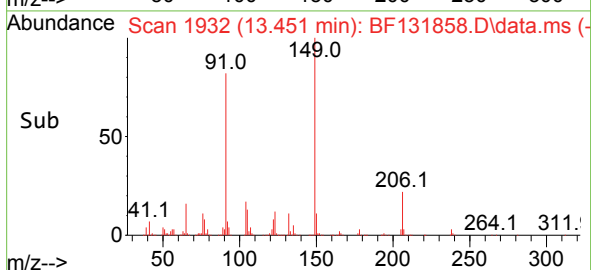
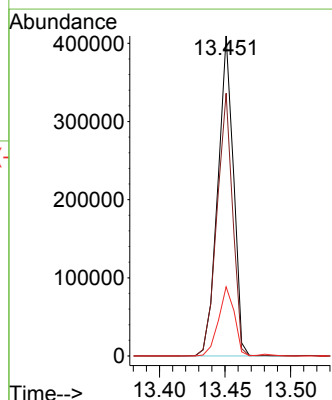
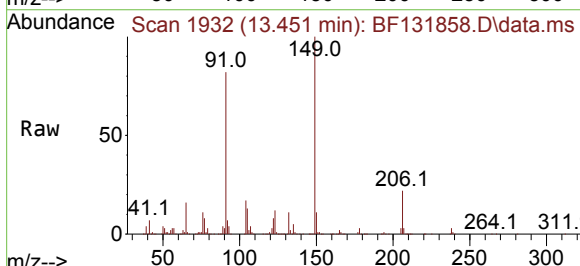
Tgt Ion:149 Resp: 338745

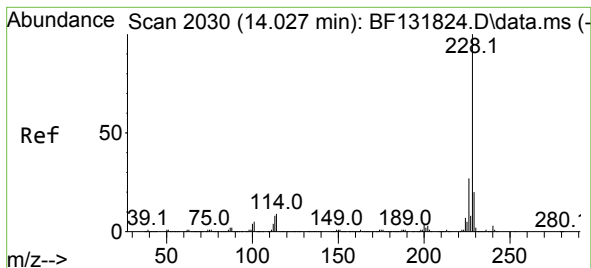
Ion Ratio Lower Upper

149 100

91 82.1 63.2 94.8

206 21.6 17.9 26.9





#81

Benzo(a)anthracene

Concen: 45.121 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

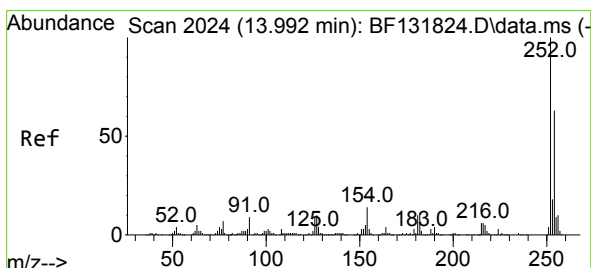
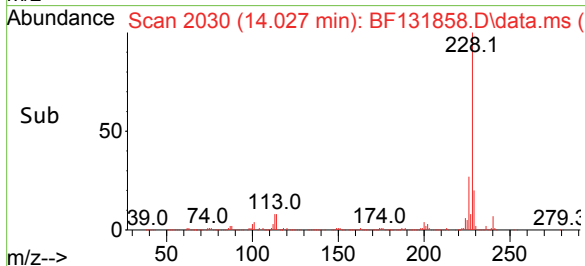
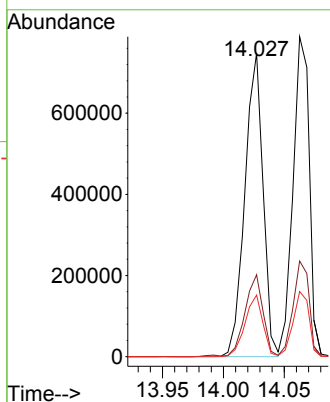
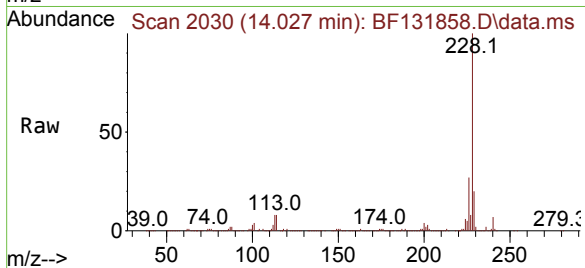
Tgt Ion:228 Resp: 778476

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 33.728 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

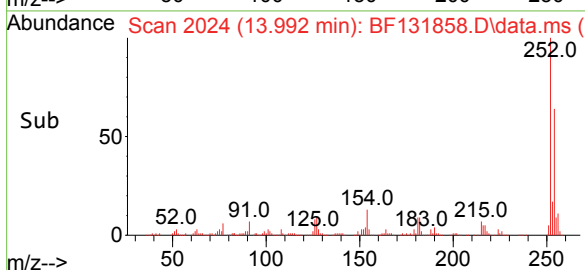
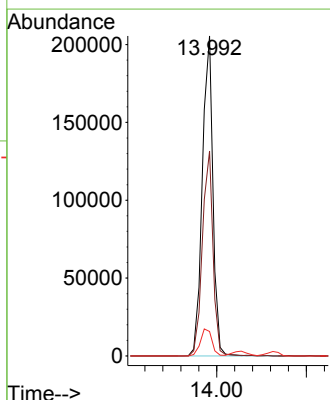
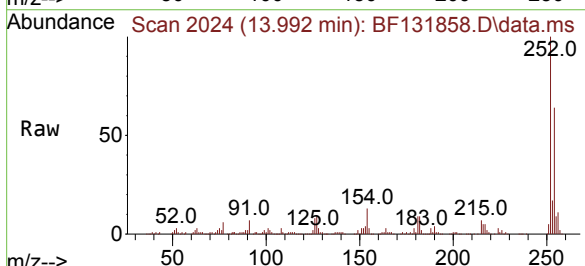
Tgt Ion:252 Resp: 168190

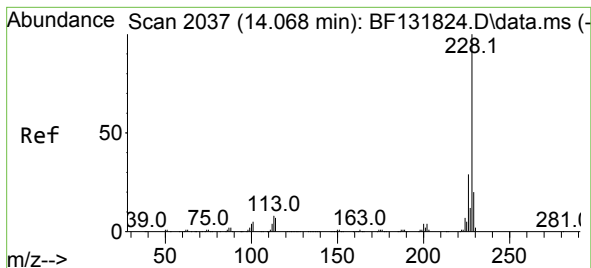
Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

126 7.7 7.5 11.3





#83

Chrysene

Concen: 45.217 ng

RT: 14.063 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

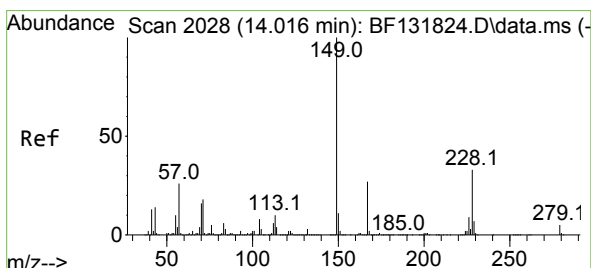
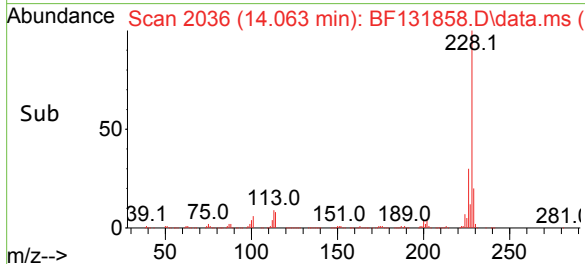
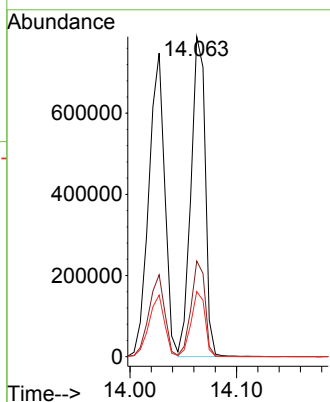
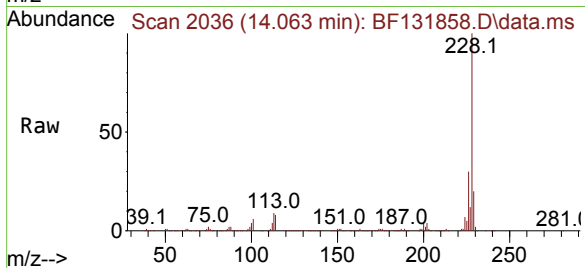
Tgt Ion:228 Resp: 733077

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

229 20.3 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.928 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

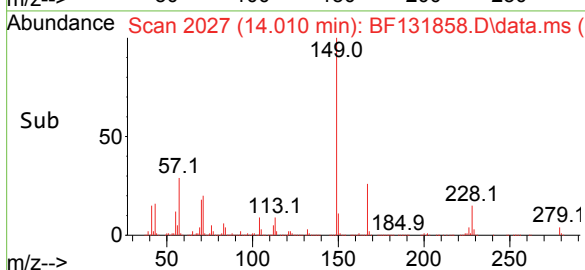
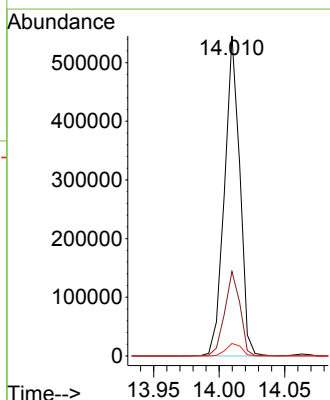
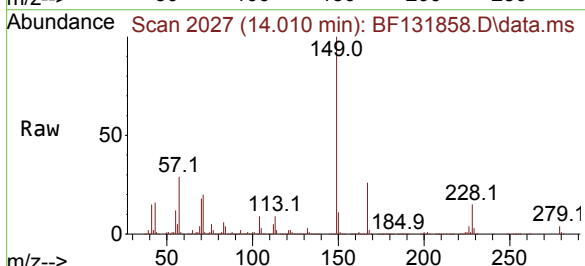
Tgt Ion:149 Resp: 441339

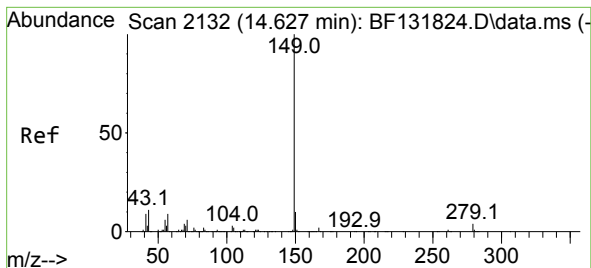
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

279 3.9 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 55.236 ng

RT: 14.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

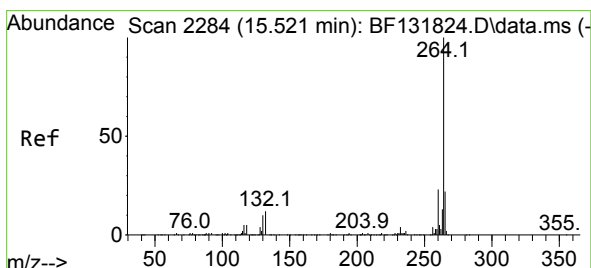
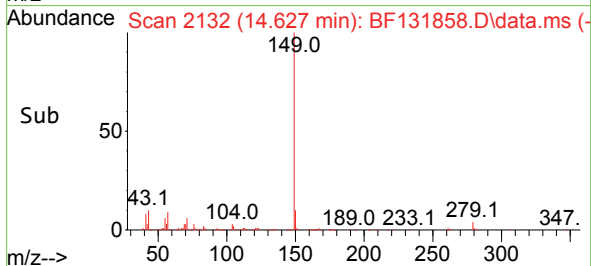
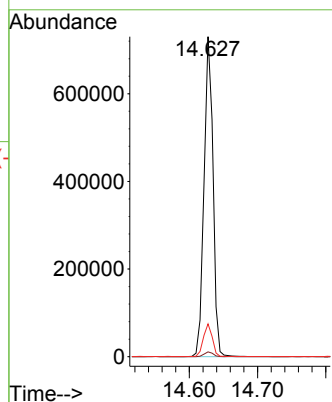
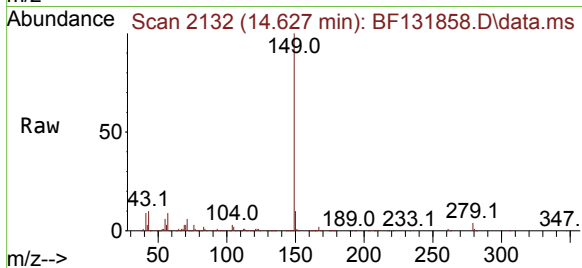
Tgt Ion:149 Resp: 670703

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

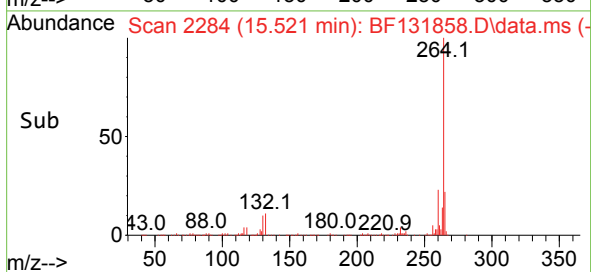
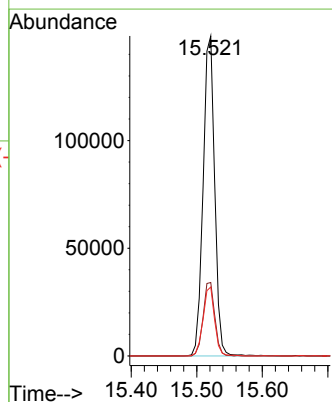
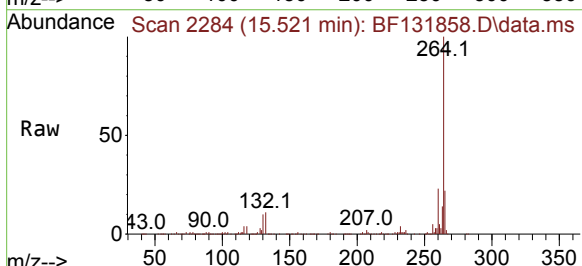
Tgt Ion:264 Resp: 182607

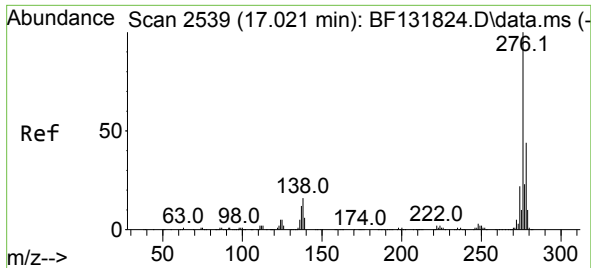
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.5 17.4 26.0

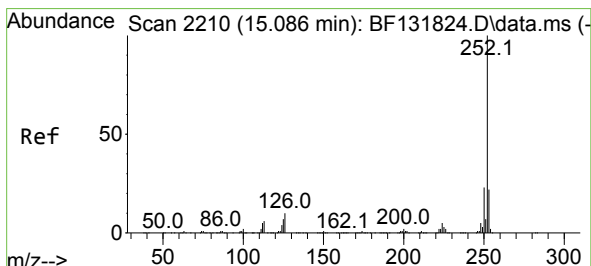
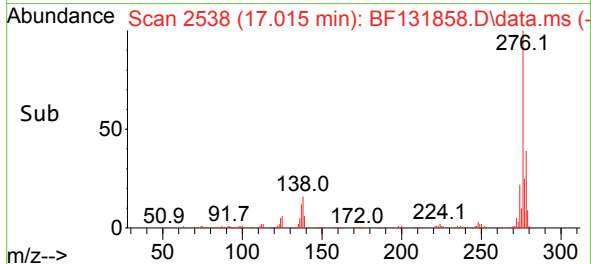
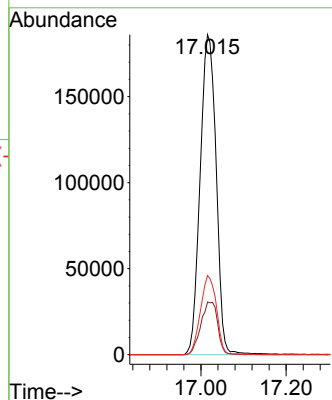
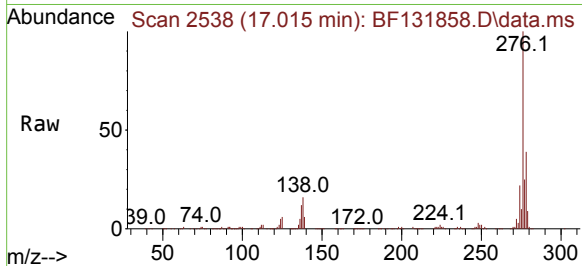




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.809 ng
 RT: 17.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

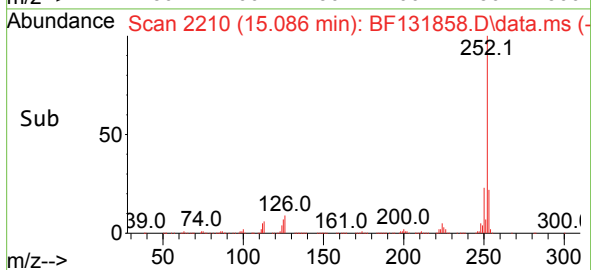
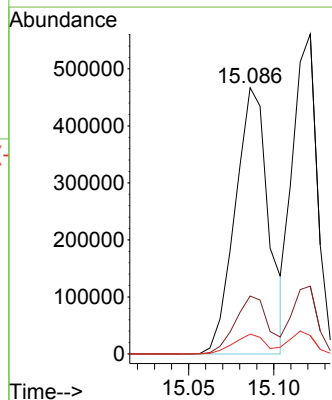
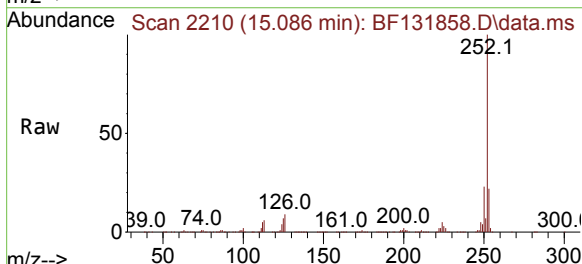
Instrument :
 BNA_F
 ClientSampleId :
 PB149912BSD

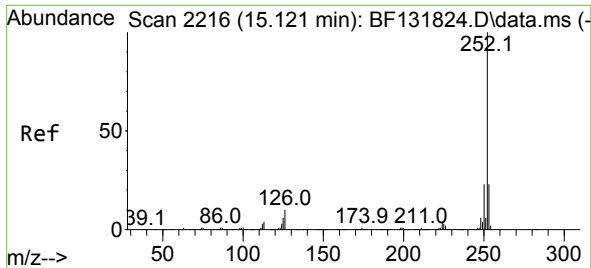
Tgt Ion:276 Resp: 485036
 Ion Ratio Lower Upper
 276 100
 138 17.3 14.5 21.7
 277 24.6 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 47.630 ng
 RT: 15.086 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

Tgt Ion:252 Resp: 637746
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 7.5 5.8 8.8

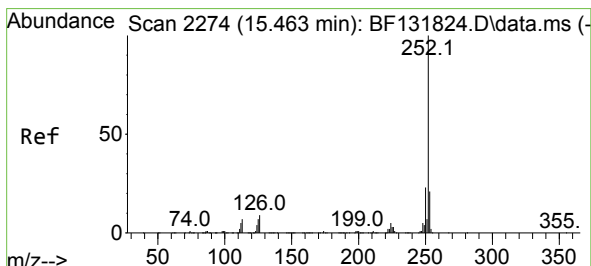
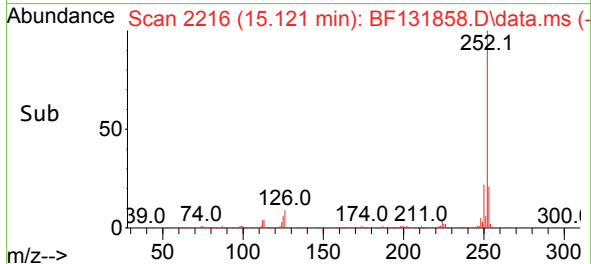
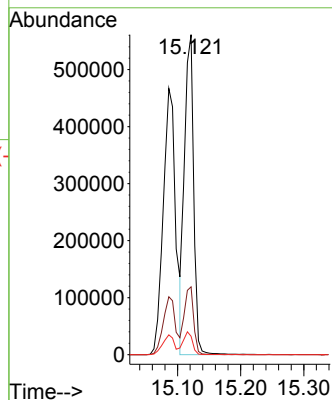
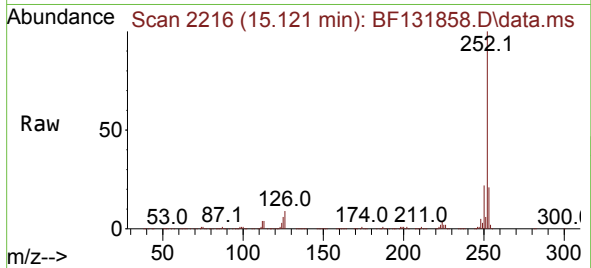




#89
Benzo(k)fluoranthene
Concen: 43.855 ng
RT: 15.121 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

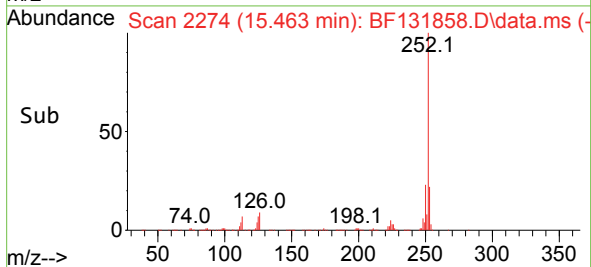
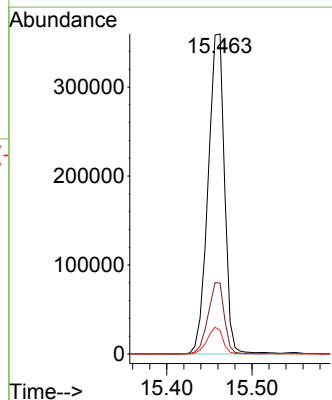
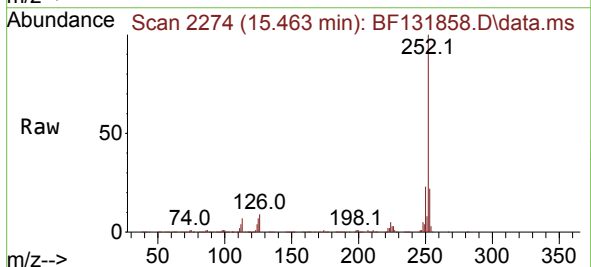
Instrument :
BNA_F
ClientSampleId :
PB149912BSD

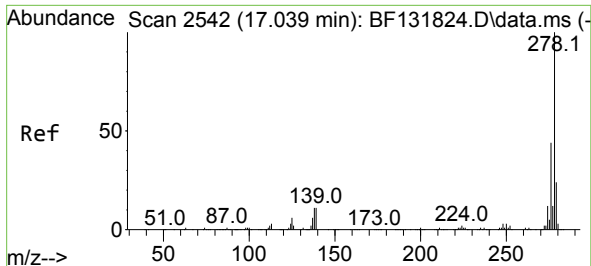
Tgt Ion:252 Resp: 567356
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 5.8 5.4 8.0



#90
Benzo(a)pyrene
Concen: 46.490 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:252 Resp: 481931
Ion Ratio Lower Upper
252 100
253 22.2 16.6 24.8
125 7.4 5.8 8.8

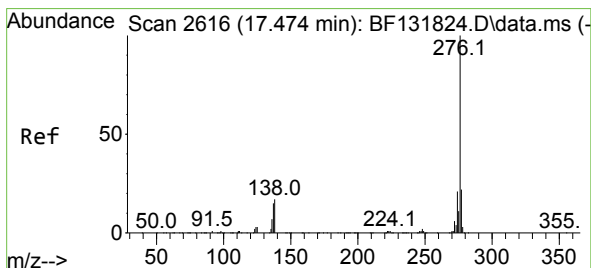
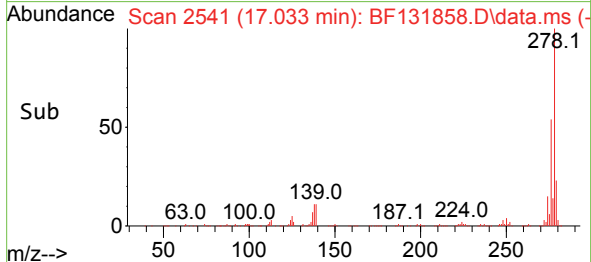
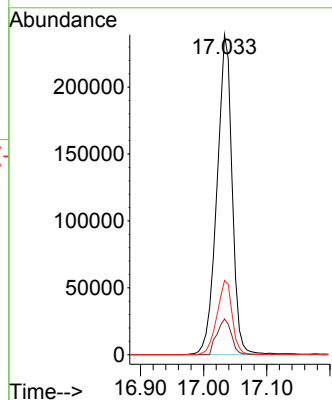
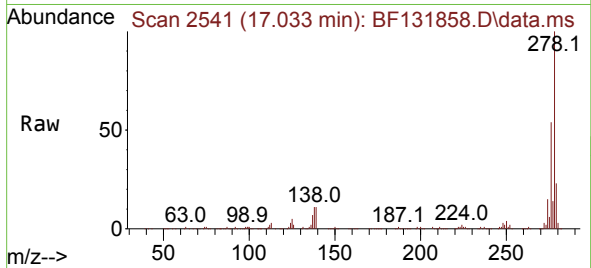




#91
Dibenzo(a,h)anthracene
Concen: 42.167 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :
BNA_F
ClientSampleId :
PB149912BSD

Tgt Ion:278 Resp: 400701
Ion Ratio Lower Upper
278 100
139 11.2 8.6 12.8
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 36.703 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:276 Resp: 396950
Ion Ratio Lower Upper
276 100
277 24.2 17.9 26.9
138 14.9 13.7 20.5

