

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131880.D
 Acq On : 29 Dec 2022 16:17
 Operator : CG\JU
 Sample : N6231-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3SMSD

Quant Time: Dec 30 02:10:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	76551	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	283474	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	156515	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	271009	20.000	ng	0.00
76) Chrysene-d12	14.016	240	151745	20.000	ng	0.00
86) Perylene-d12	15.492	264	150566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	621084	134.456	ng	0.02
7) Phenol-d6	6.463	99	812580	133.894	ng	0.01
23) Nitrobenzene-d5	7.393	82	561978	79.151	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	218034	128.214	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	923366	80.808	ng	0.00
79) Terphenyl-d14	12.957	244	819822	91.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	86644	40.449	ng	98
3) Pyridine	3.363	79	247209	41.051	ng	99
4) n-Nitrosodimethylamine	3.334	42	129682	45.800	ng	99
6) Aniline	6.481	93	286689	38.952	ng	# 75
8) 2-Chlorophenol	6.604	128	234786	48.244	ng	97
9) Benzaldehyde	6.369	77	162298	41.678	ng	97
10) Phenol	6.475	94	331527	45.873	ng	86
11) bis(2-Chloroethyl)ether	6.557	93	246189	47.636	ng	98
12) 1,3-Dichlorobenzene	6.757	146	252896	45.473	ng	99
13) 1,4-Dichlorobenzene	6.834	146	256278	45.725	ng	98
14) 1,2-Dichlorobenzene	6.987	146	245907	46.693	ng	98
15) Benzyl Alcohol	6.969	79	259504	48.761	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	314290	47.654	ng	97
17) 2-Methylphenol	7.081	107	209664	47.125	ng	96
18) Hexachloroethane	7.328	117	104745	46.281	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	202838	47.325	ng	96
20) 3+4-Methylphenols	7.240	107	268508	46.254	ng	95
22) Acetophenone	7.240	105	380202	45.749	ng	99
24) Nitrobenzene	7.410	77	311578	43.789	ng	99
25) Isophorone	7.651	82	557076	48.045	ng	99
26) 2-Nitrophenol	7.728	139	124488	44.998	ng	97
27) 2,4-Dimethylphenol	7.769	122	213187	54.022	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	313531	50.403	ng	99
29) 2,4-Dichlorophenol	7.969	162	213098	44.821	ng	97
30) 1,2,4-Trichlorobenzene	8.051	180	250986	44.525	ng	99
31) Naphthalene	8.134	128	670924	43.217	ng	99
32) Benzoic acid	7.910	122	122968	42.633	ng	94
33) 4-Chloroaniline	8.187	127	132069	22.171	ng	98
34) Hexachlorobutadiene	8.245	225	166491	43.170	ng	100
35) Caprolactam	8.575	113	35826	25.451	ng	95
36) 4-Chloro-3-methylphenol	8.675	107	243048	45.232	ng	98
37) 2-Methylnaphthalene	8.828	142	456303	43.794	ng	99
38) 1-Methylnaphthalene	8.928	142	421924	41.690	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	263153	47.884	ng	99
41) Hexachlorocyclopentadiene	8.975	237	254858	101.874	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	162595	46.195	ng	99

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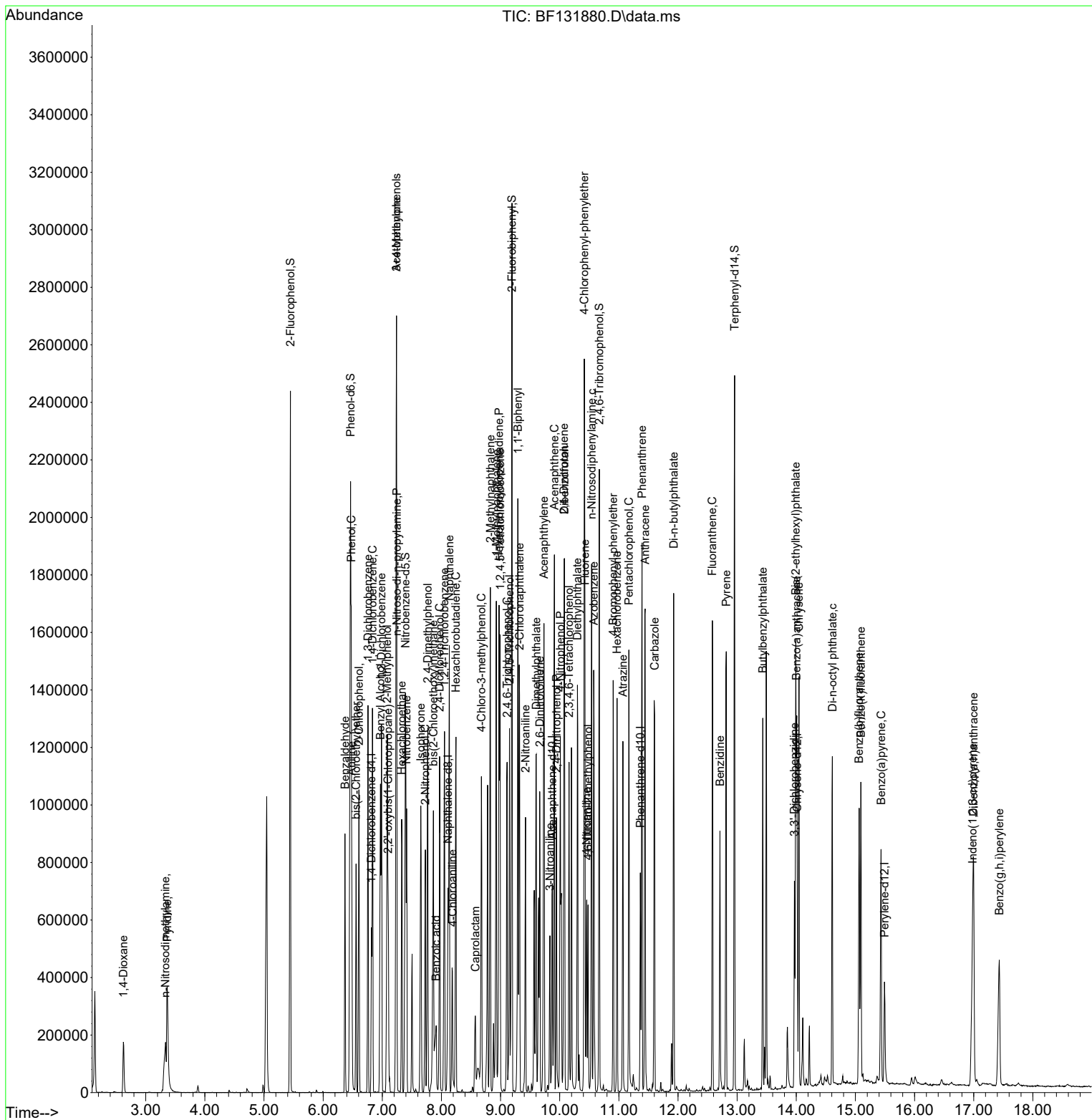
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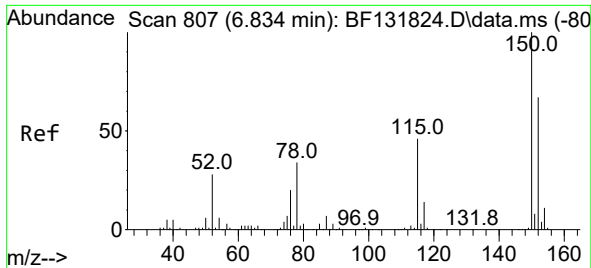
Quant Time: Dec 30 02:10:22 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	167115	43.922	ng	97
46) 1,1'-Biphenyl	9.292	154	576586	48.118	ng	100
47) 2-Chloronaphthalene	9.322	162	454737	45.870	ng	99
48) 2-Nitroaniline	9.422	65	156121	42.965	ng	98
49) Acenaphthylene	9.734	152	667130	45.194	ng	99
50) Dimethylphthalate	9.604	163	543207	45.876	ng	99
51) 2,6-Dinitrotoluene	9.663	165	116665	45.514	ng	92
52) Acenaphthene	9.910	154	396254	44.478	ng	99
53) 3-Nitroaniline	9.834	138	64449	24.676	ng	100
54) 2,4-Dinitrophenol	9.945	184	103901	70.437	ng	96
55) Dibenzofuran	10.081	168	612278	44.607	ng	100
56) 4-Nitrophenol	10.010	139	145481	79.515	ng	89
57) 2,4-Dinitrotoluene	10.075	165	150789	43.015	ng	95
58) Fluorene	10.428	166	479397	42.782	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128179	41.053	ng	96
60) Diethylphthalate	10.298	149	520825	45.701	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	263935	45.309	ng	99
62) 4-Nitroaniline	10.457	138	99912	36.706	ng	96
63) Azobenzene	10.575	77	576338	45.568	ng	95
65) 4,6-Dinitro-2-methylph...	10.481	198	74197	40.211	ng	90
66) n-Nitrosodiphenylamine	10.539	169	411305	49.753	ng	97
67) 4-Bromophenyl-phenylether	10.904	248	155359	49.461	ng	# 91
68) Hexachlorobenzene	10.969	284	166965	48.389	ng	98
69) Atrazine	11.069	200	142352	52.304	ng	97
70) Pentachlorophenol	11.169	266	161206	94.418	ng	96
71) Phenanthrene	11.392	178	659458	44.250	ng	99
72) Anthracene	11.445	178	656124	45.005	ng	99
73) Carbazole	11.604	167	547401	42.532	ng	99
74) Di-n-butylphthalate	11.928	149	730297	46.944	ng	100
75) Fluoranthene	12.580	202	657993	37.905	ng	99
77) Benzidine	12.710	184	305526	122.518	ng	99
78) Pyrene	12.816	202	654420	51.453	ng	99
80) Butylbenzylphthalate	13.433	149	249827	52.957	ng	96
81) Benzo(a)anthracene	14.004	228	509396	46.365	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	126365	39.793	ng	98
83) Chrysene	14.045	228	471795	45.698	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	342359	59.603	ng	99
85) Di-n-octyl phthalate	14.610	149	530327	68.585	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	490869	51.316	ng	100
88) Benzo(b)fluoranthene	15.063	252	456706	41.368	ng	100
89) Benzo(k)fluoranthene	15.092	252	451045	42.284	ng	99
90) Benzo(a)pyrene	15.433	252	401506	46.974	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	406696	51.905	ng	98
92) Benzo(g,h,i)perylene	17.433	276	392030	42.924	ng	97

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

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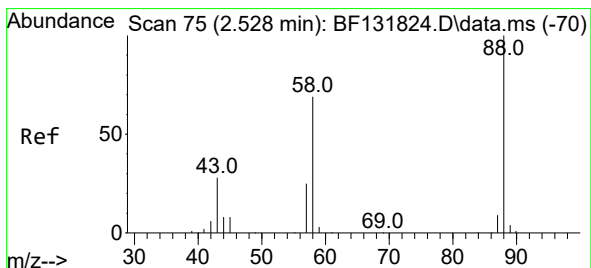
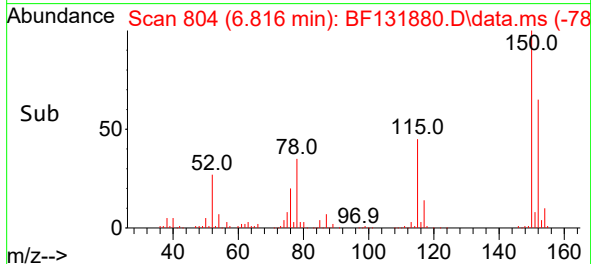
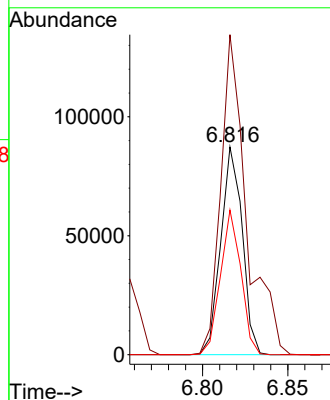
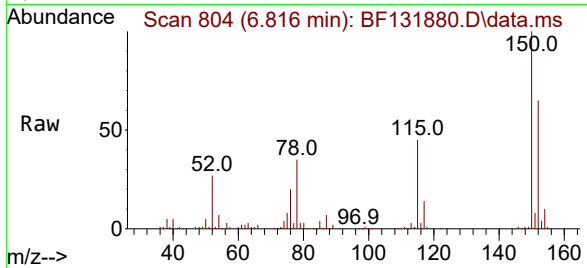




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF131880.D
 Acq: 29 Dec 2022 16:17

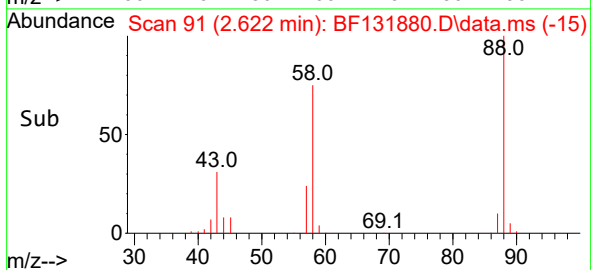
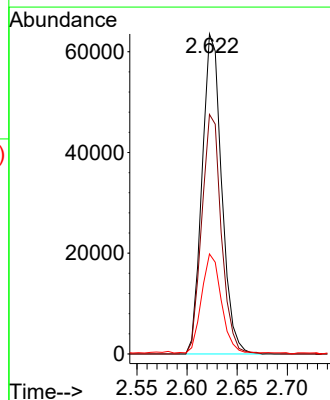
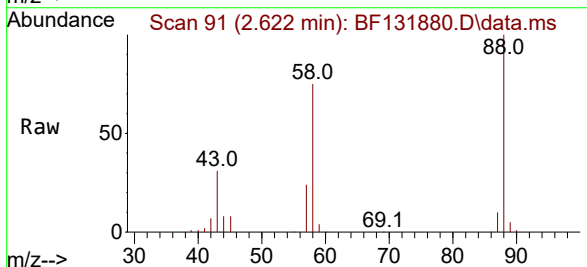
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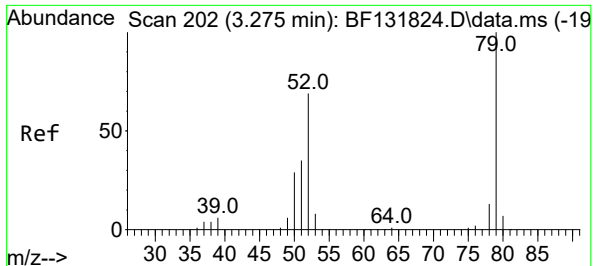
Tgt Ion:152 Resp: 76551
 Ion Ratio Lower Upper
 152 100
 150 154.0 120.0 180.0
 115 69.6 55.1 82.7



#2
 1,4-Dioxane
 Concen: 40.449 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.094 min
 Lab File: BF131880.D
 Acq: 29 Dec 2022 16:17

Tgt Ion: 88 Resp: 86644
 Ion Ratio Lower Upper
 88 100
 58 74.7 58.2 87.2
 43 31.0 24.2 36.4

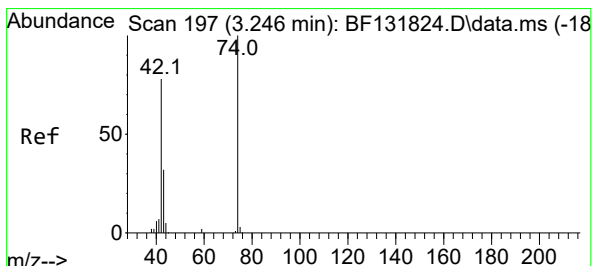
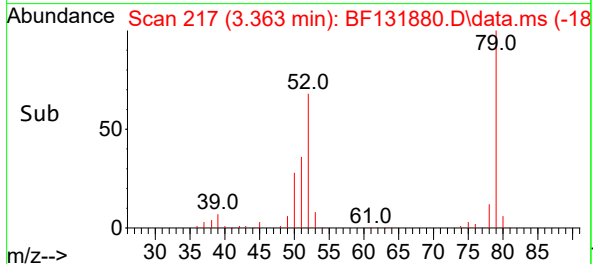
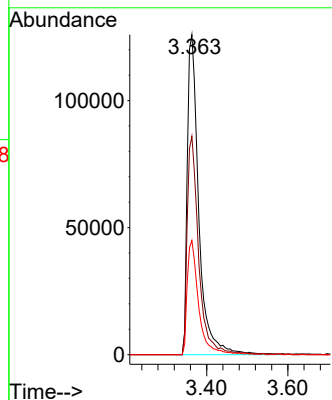
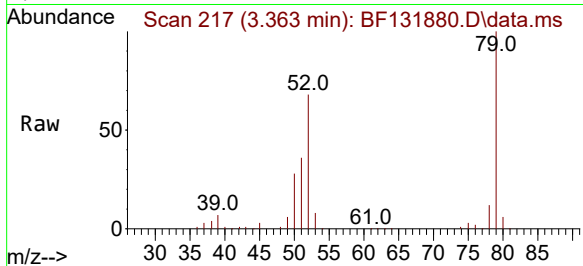




#3
Pyridine
Concen: 41.051 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.100 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

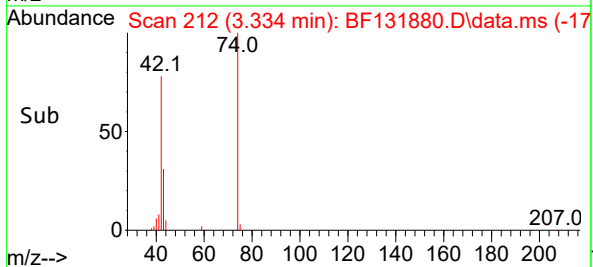
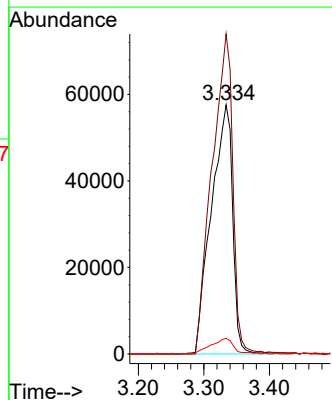
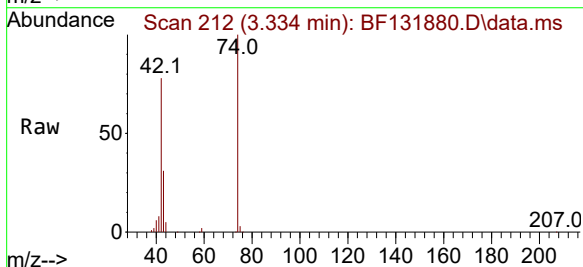
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BNA_F
ClientSampleId :
TP-3SMSD

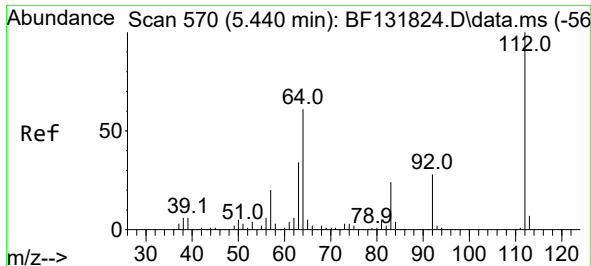
Tgt Ion: 79 Resp: 247209
Ion Ratio Lower Upper
79 100
52 68.3 55.4 83.2
51 35.7 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 45.800 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.094 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion: 42 Resp: 129682
Ion Ratio Lower Upper
42 100
74 128.4 102.0 153.0
44 6.3 4.6 7.0

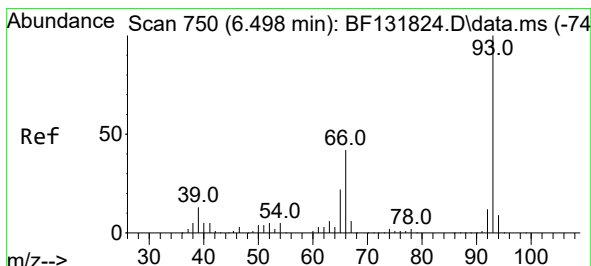
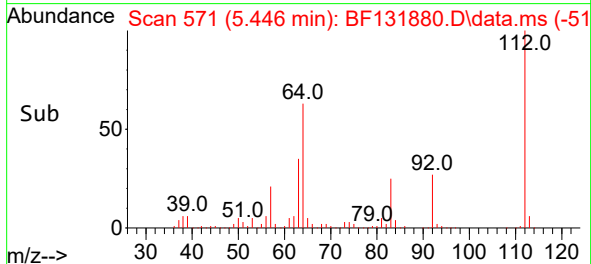
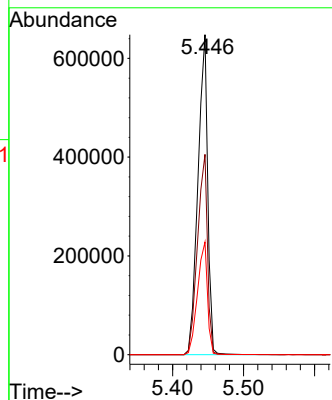
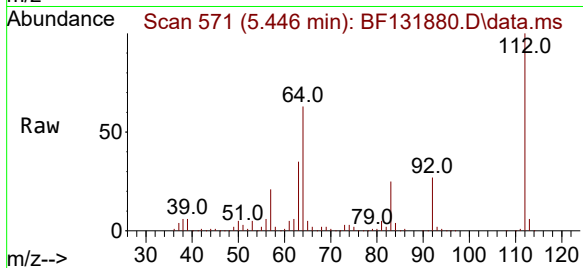




#5
2-Fluorophenol
Concen: 134.456 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

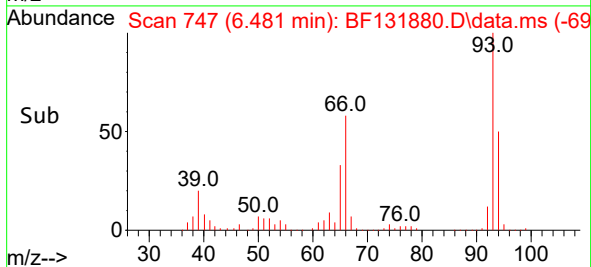
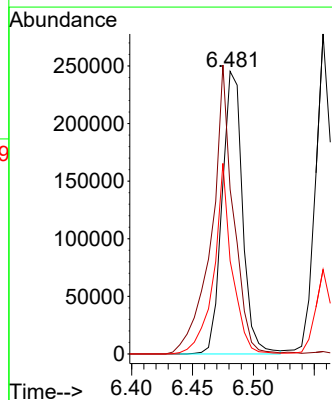
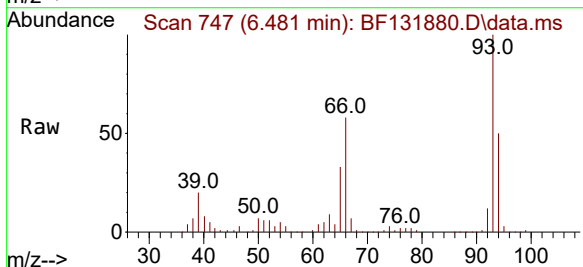
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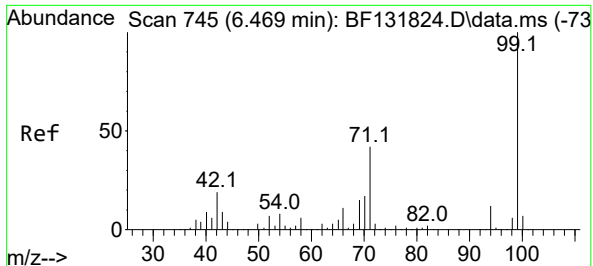
Tgt Ion:112 Resp: 621084
Ion Ratio Lower Upper
112 100
64 62.6 49.2 73.8
63 35.2 27.5 41.3



#6
Aniline
Concen: 38.952 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion: 93 Resp: 286689
Ion Ratio Lower Upper
93 100
66 58.3 33.9 50.9#
65 33.0 17.4 26.0#

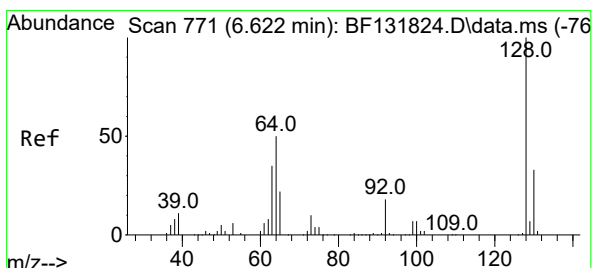
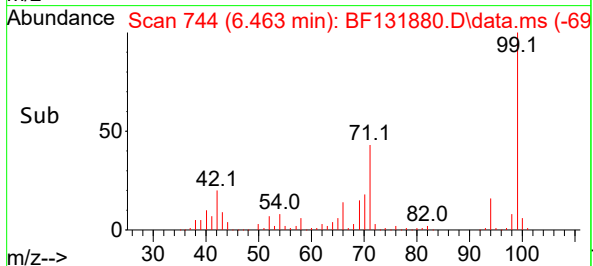
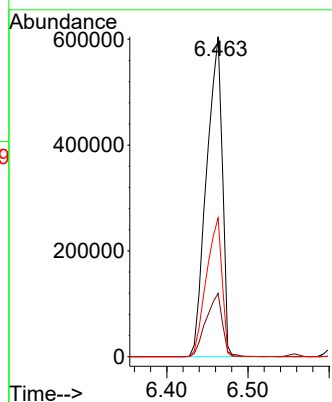
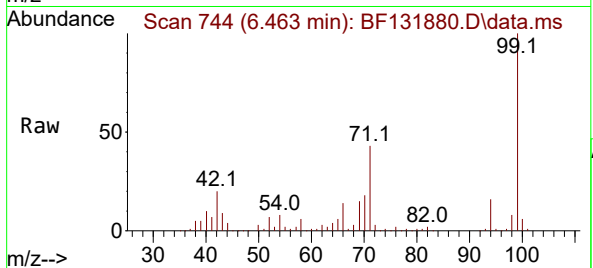




#7
Phenol-d6
Concen: 133.894 ng
RT: 6.463 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

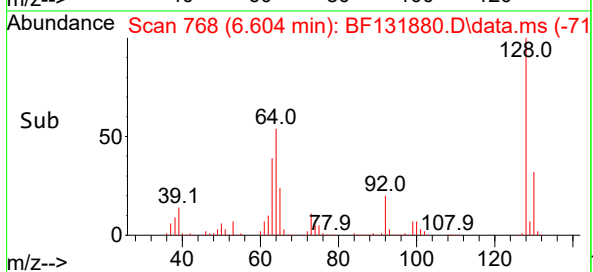
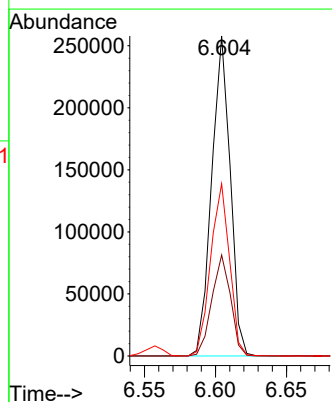
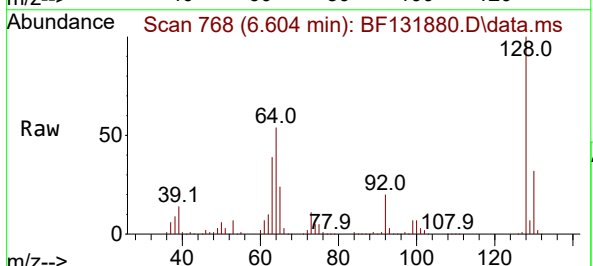
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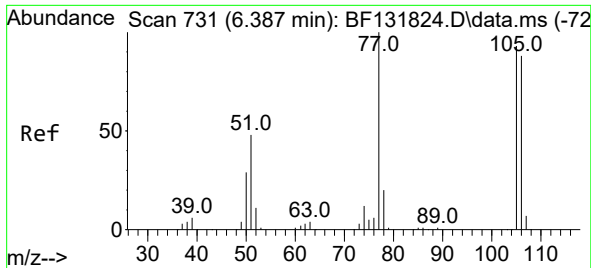
Tgt Ion: 99 Resp: 812580
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.3 33.5 50.3



#8
2-Chlorophenol
Concen: 48.244 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:128 Resp: 234786
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 53.8 30.7 70.7

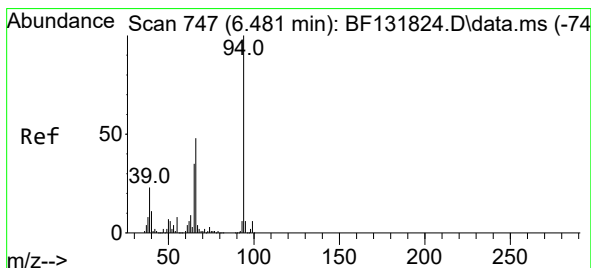
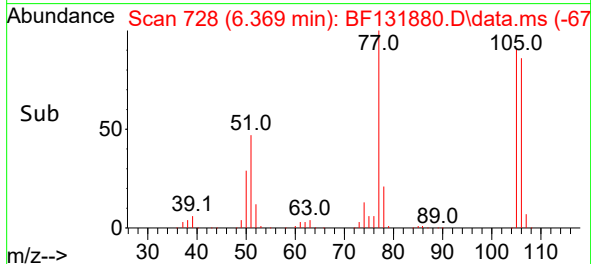
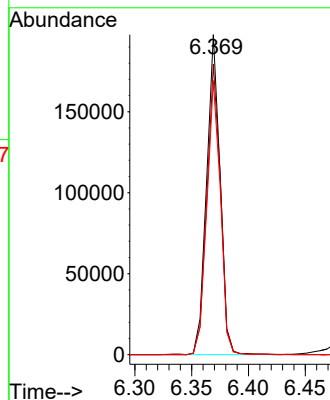
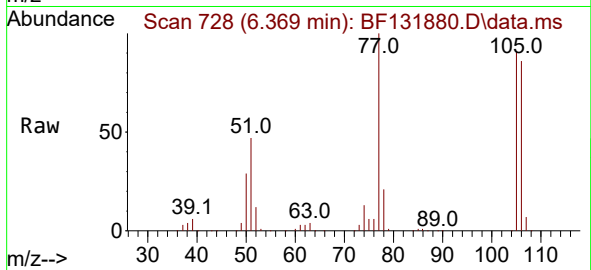




#9
Benzaldehyde
Concen: 41.678 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

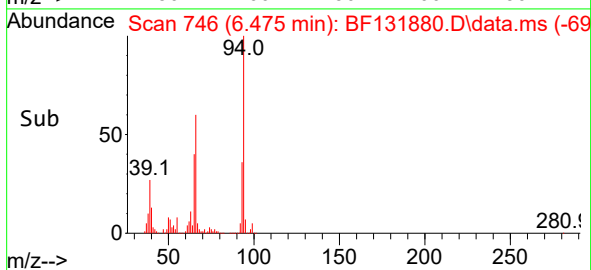
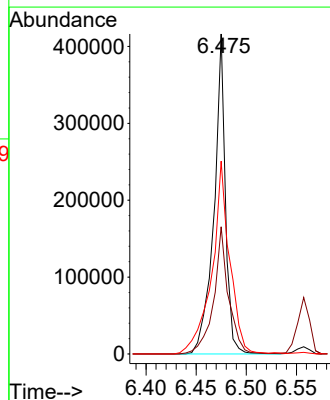
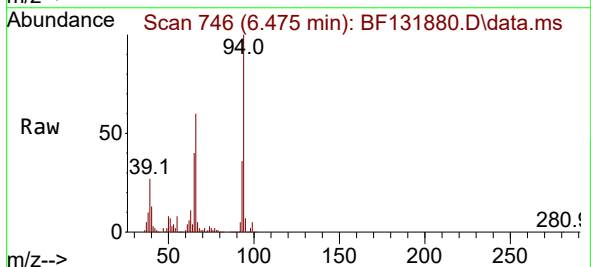
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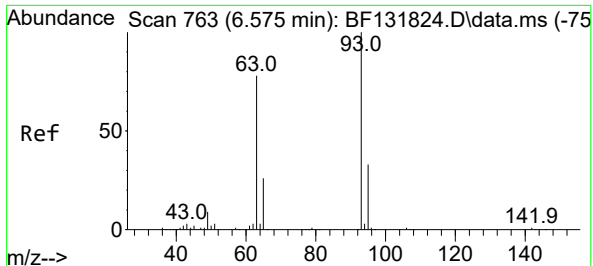
Tgt Ion: 77 Resp: 162298
Ion Ratio Lower Upper
77 100
105 90.8 72.9 112.9
106 85.6 68.5 108.5



#10
Phenol
Concen: 45.873 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion: 94 Resp: 331527
Ion Ratio Lower Upper
94 100
65 39.7 14.6 54.6
66 60.3 28.2 68.2





#11

bis(2-Chloroethyl)ether

Concen: 47.636 ng

RT: 6.557 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

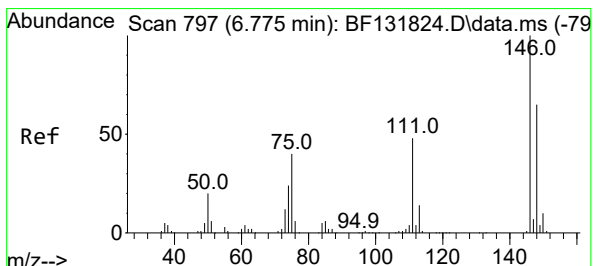
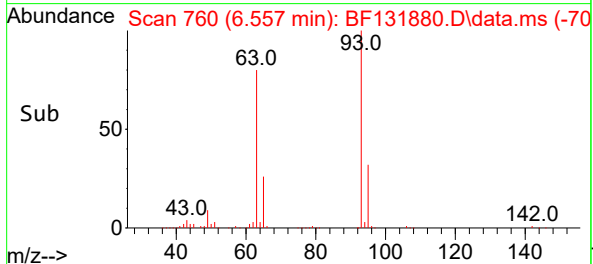
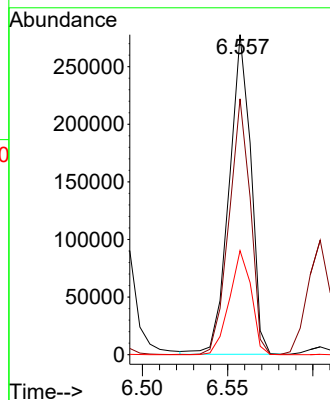
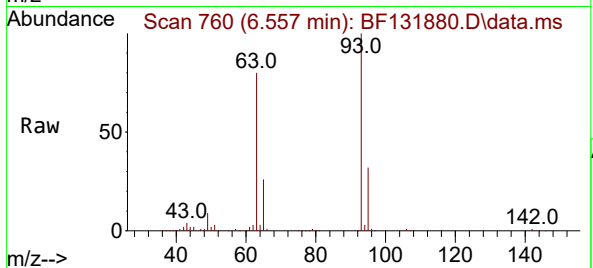
Tgt Ion: 93 Resp: 246189

Ion Ratio Lower Upper

93 100

63 79.9 57.6 97.6

95 32.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 45.473 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

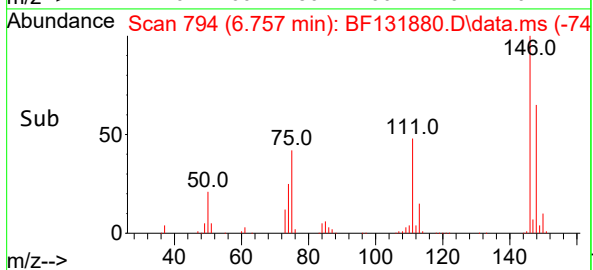
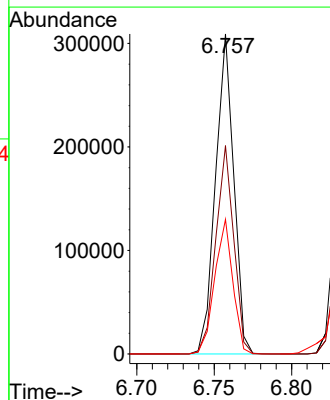
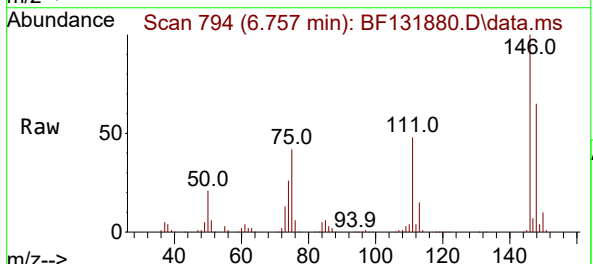
Tgt Ion:146 Resp: 252896

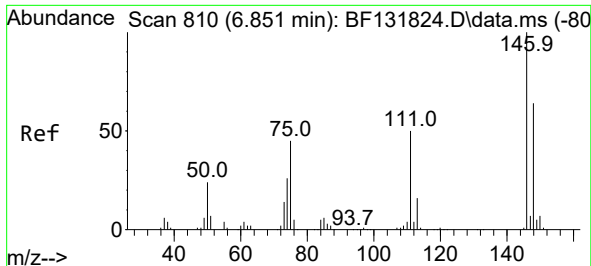
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

75 42.0 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 45.725 ng

RT: 6.834 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

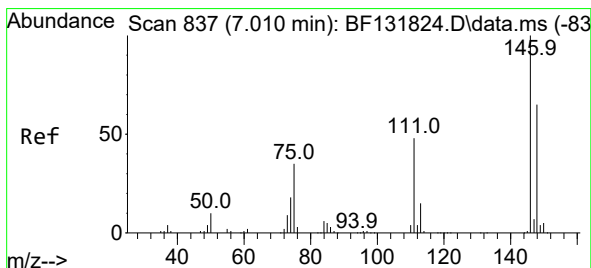
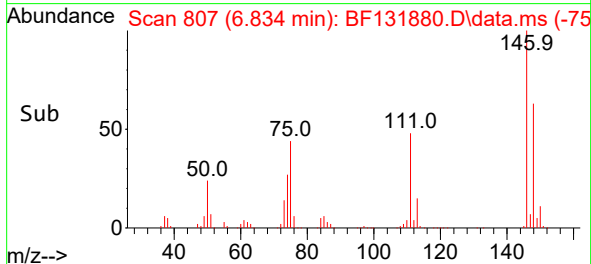
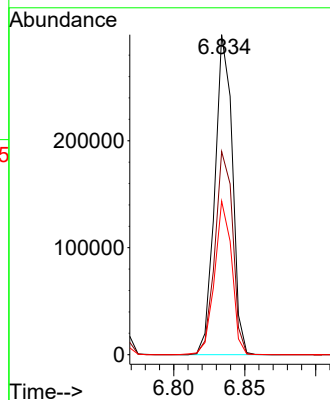
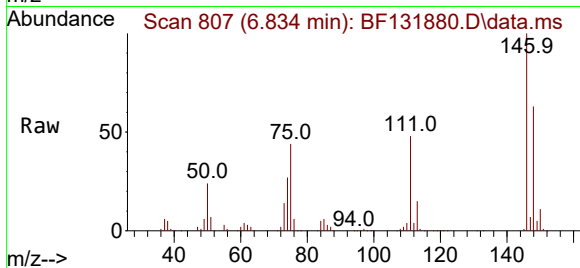
Tgt Ion:146 Resp: 256278

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

111 48.0 40.1 60.1



#14

1,2-Dichlorobenzene

Concen: 46.693 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

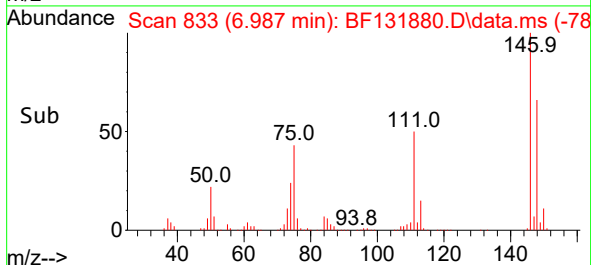
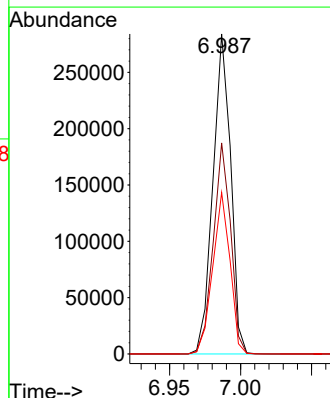
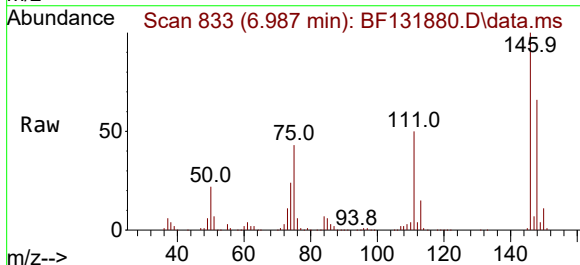
Tgt Ion:146 Resp: 245907

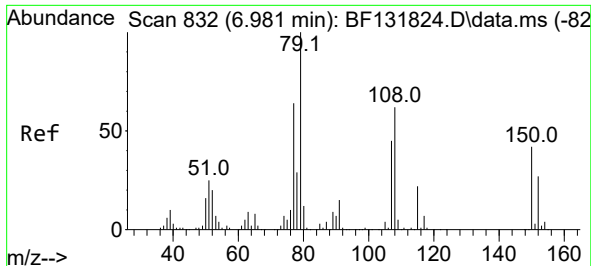
Ion Ratio Lower Upper

146 100

148 66.0 52.2 78.4

111 50.4 38.2 57.4

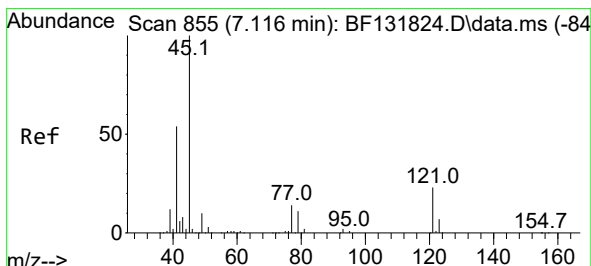
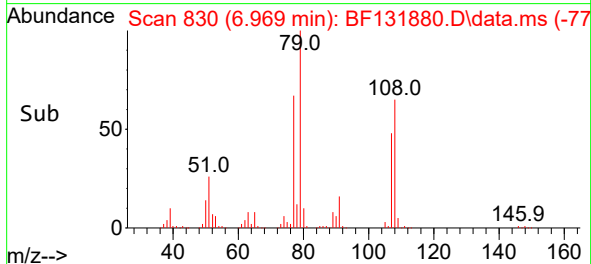
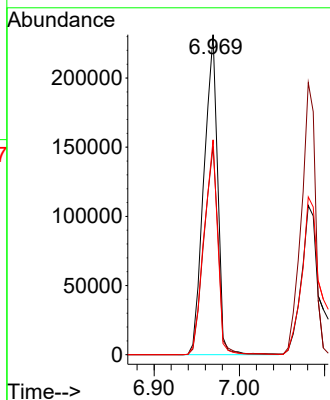
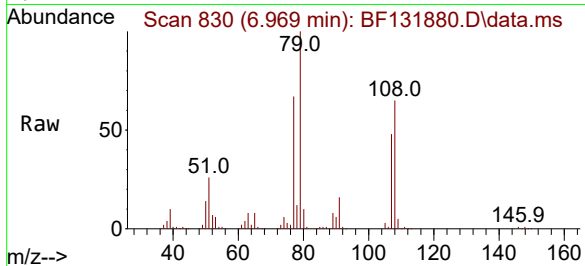




#15
Benzyl Alcohol
Concen: 48.761 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

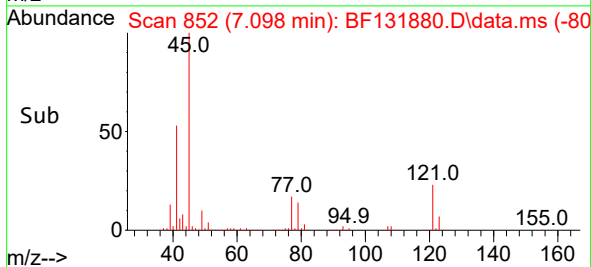
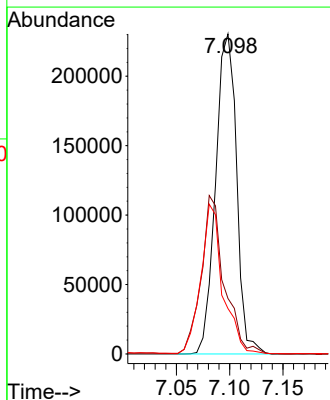
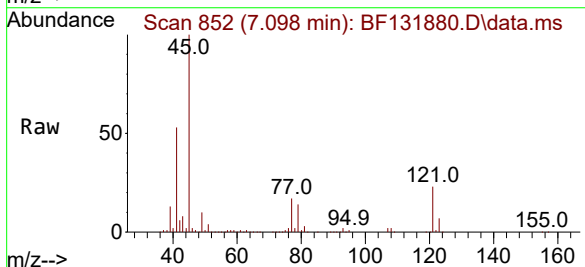
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

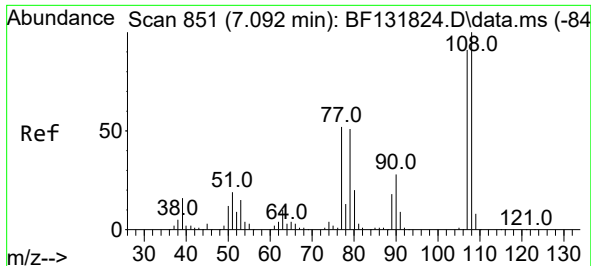
Tgt Ion: 79 Resp: 259504
Ion Ratio Lower Upper
79 100
108 65.0 49.8 74.8
77 67.2 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.654 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion: 45 Resp: 314290
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.1
79 14.2 0.0 33.3

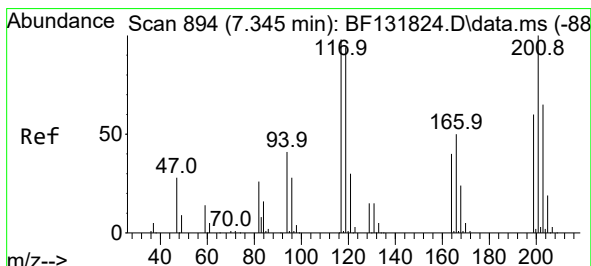
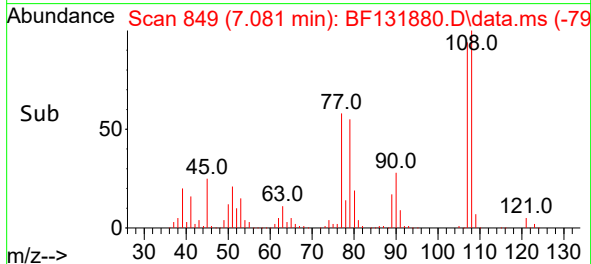
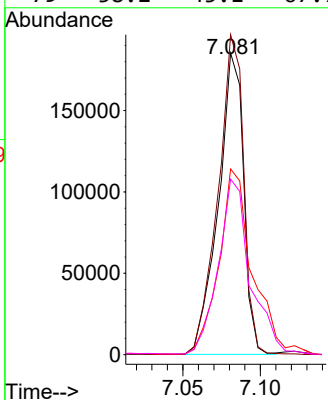
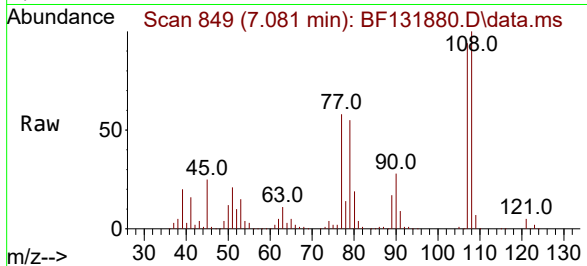




#17
2-Methylphenol
Concen: 47.125 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

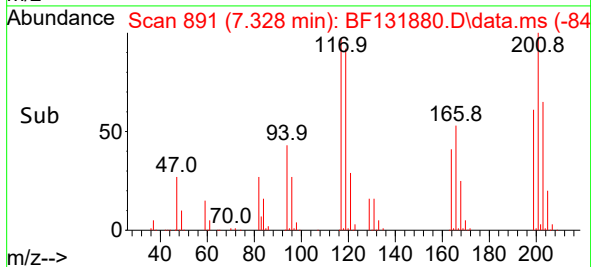
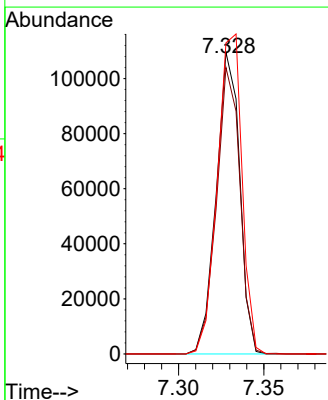
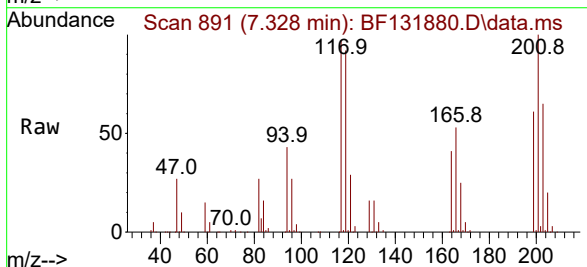
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

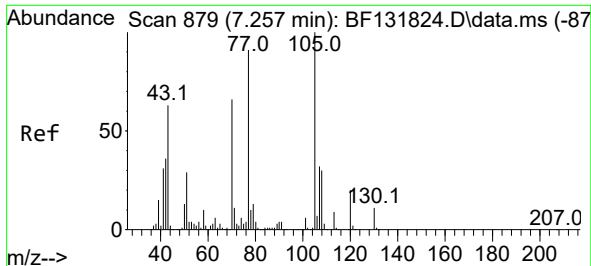
Tgt Ion:	107	Resp:	209664
Ion	Ratio	Lower	Upper
107	100		
108	106.1	87.6	131.4
77	61.6	45.8	68.8
79	58.2	45.1	67.7



#18
Hexachloroethane
Concen: 46.281 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:	117	Resp:	104745
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.5	114.7
201	103.1	81.7	122.5

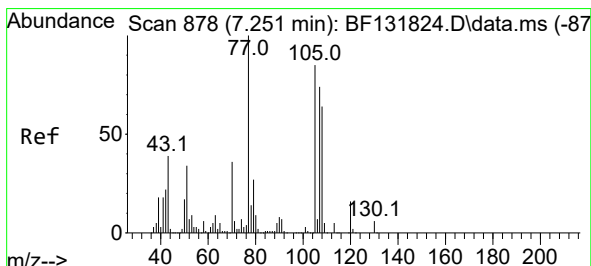
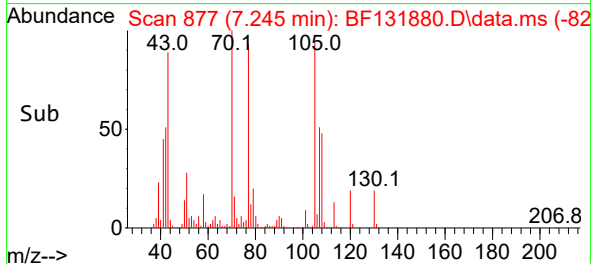
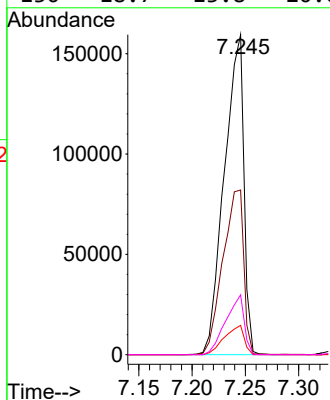
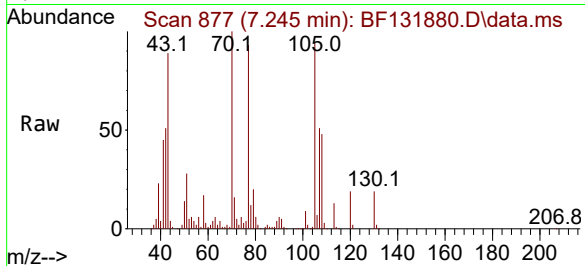




#19
n-Nitroso-di-n-propylamine
Concen: 47.325 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

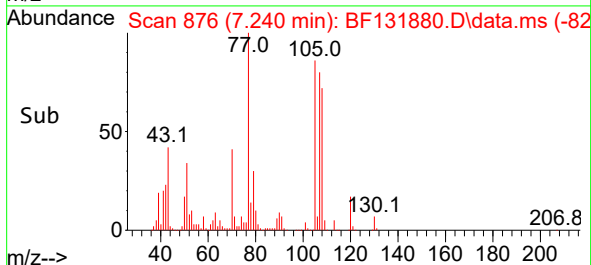
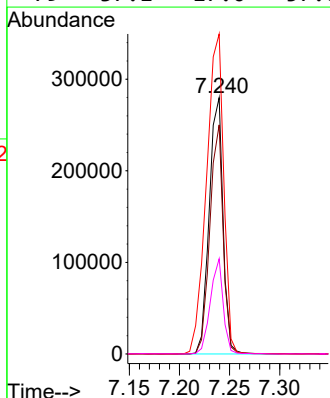
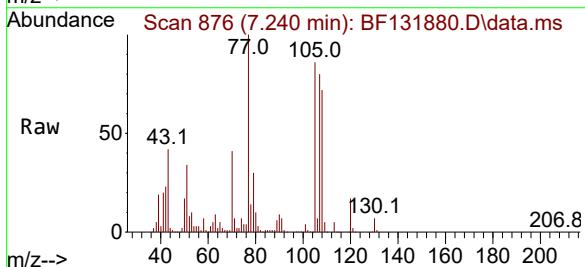
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

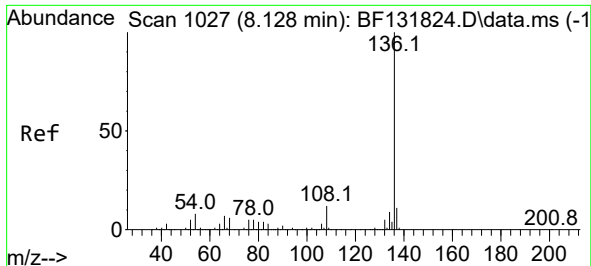
Tgt Ion: 70 Resp: 202838
Ion Ratio Lower Upper
70 100
42 51.5 43.8 65.6
101 9.1 7.4 11.0
130 18.7 13.8 20.6



#20
3+4-Methylphenols
Concen: 46.254 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion: 107 Resp: 268508
Ion Ratio Lower Upper
107 100
108 89.4 67.1 107.1
77 124.8 114.9 154.9
79 37.1 17.0 57.0

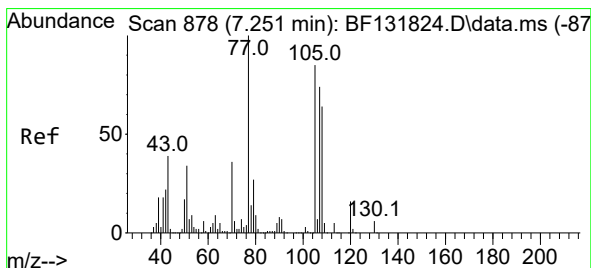
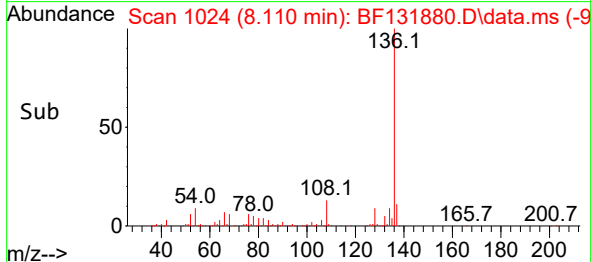
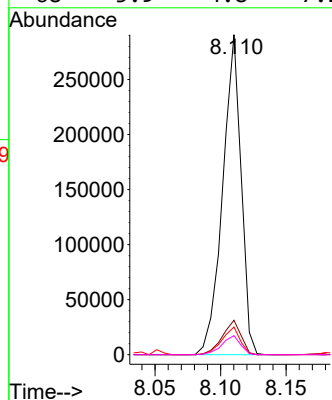
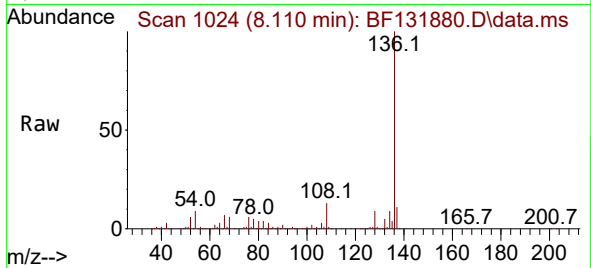




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

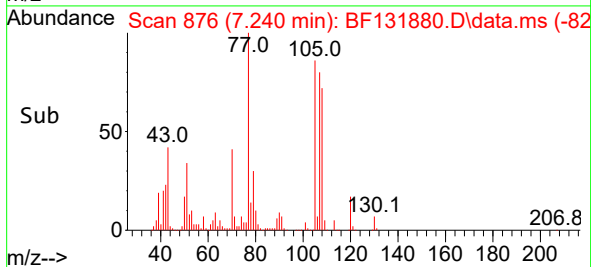
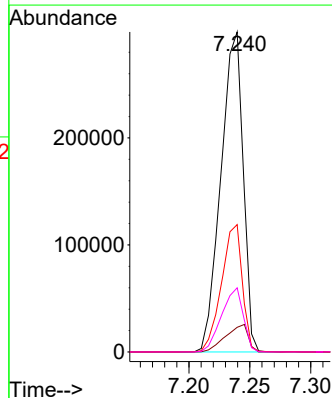
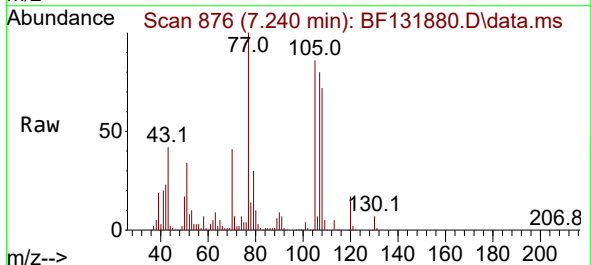
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

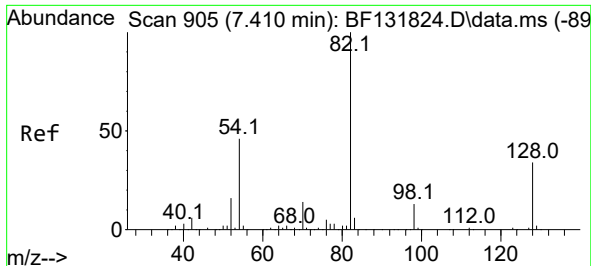
Tgt Ion:136 Resp: 283474
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.7 6.7 10.1
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 45.749 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:105 Resp: 380202
Ion Ratio Lower Upper
105 100
71 7.7 5.4 8.0
51 39.8 31.9 47.9
120 20.0 15.2 22.8





#23

Nitrobenzene-d5

Concen: 79.151 ng

RT: 7.393 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

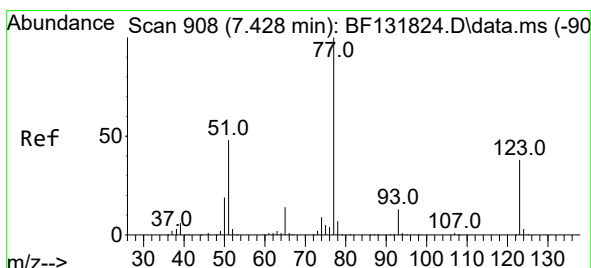
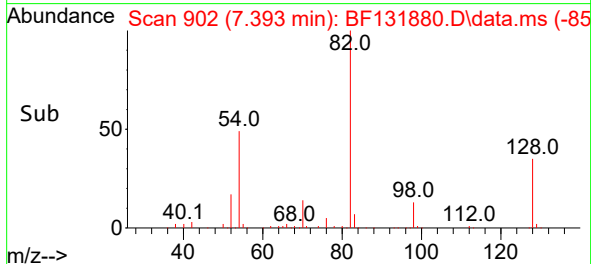
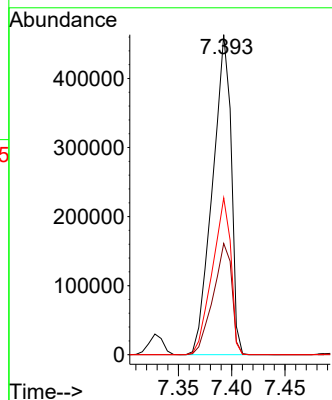
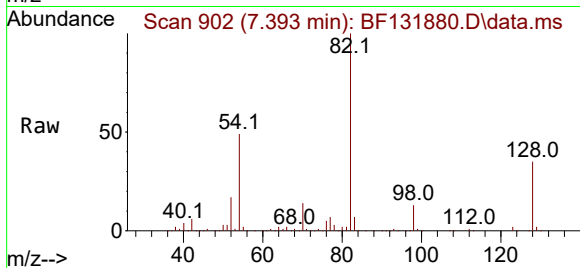
Tgt Ion: 82 Resp: 561978

Ion Ratio Lower Upper

82 100

128 34.7 27.1 40.7

54 49.0 37.0 55.6



#24

Nitrobenzene

Concen: 43.789 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

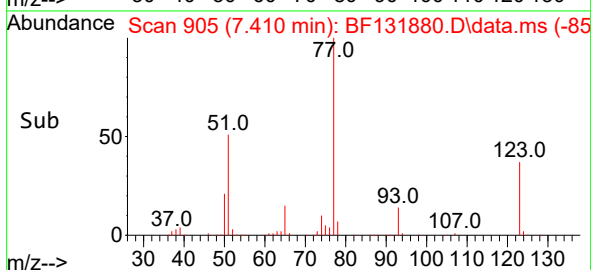
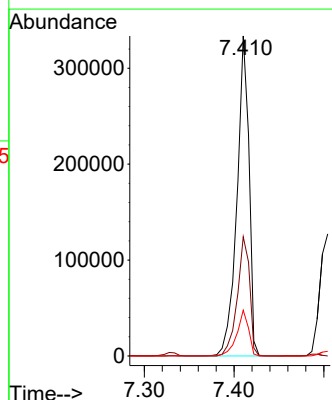
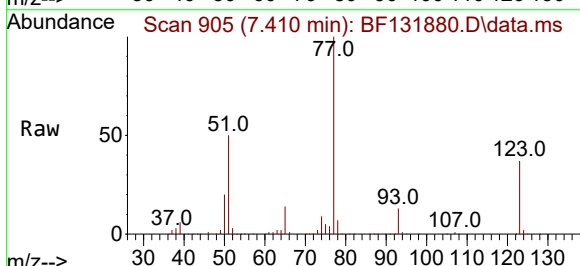
Tgt Ion: 77 Resp: 311578

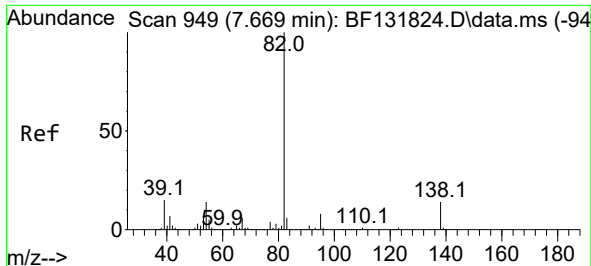
Ion Ratio Lower Upper

77 100

123 37.2 30.4 45.6

65 14.3 11.1 16.7

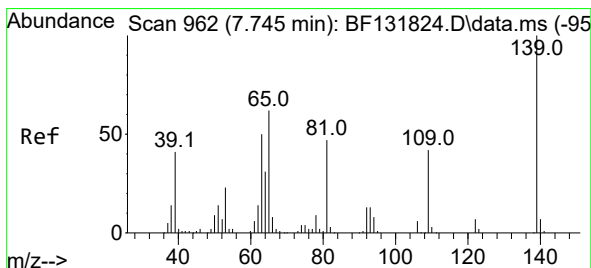
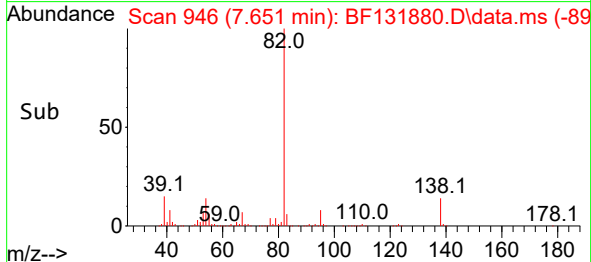
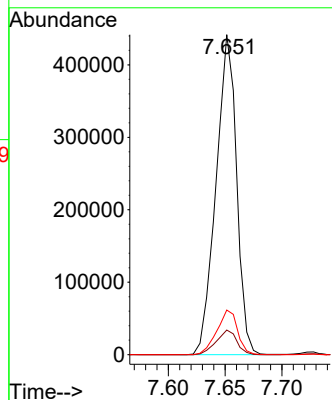
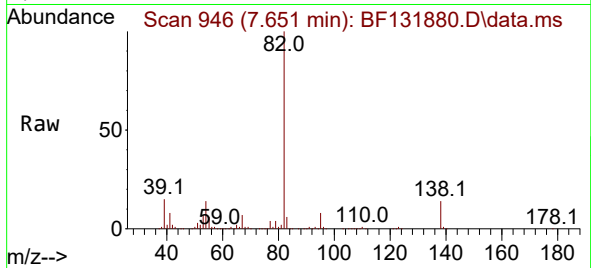




#25
Isophorone
Concen: 48.045 ng
RT: 7.651 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

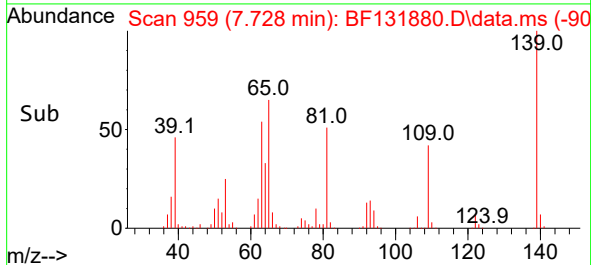
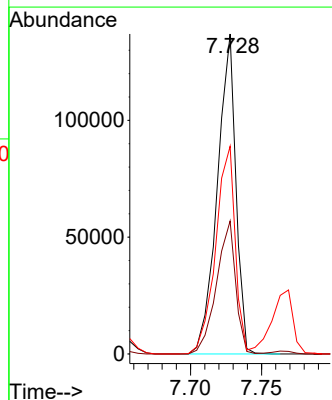
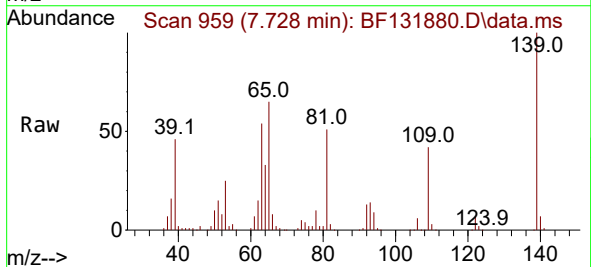
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

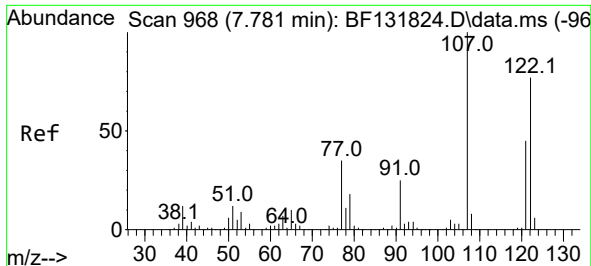
Tgt Ion: 82 Resp: 557076
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 14.0 11.5 17.3



#26
2-Nitrophenol
Concen: 44.998 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:139 Resp: 124488
Ion Ratio Lower Upper
139 100
109 41.5 33.7 50.5
65 64.9 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 54.022 ng

RT: 7.769 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

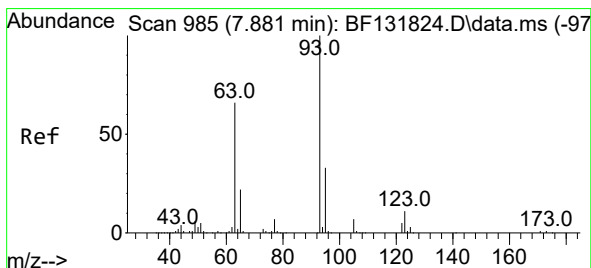
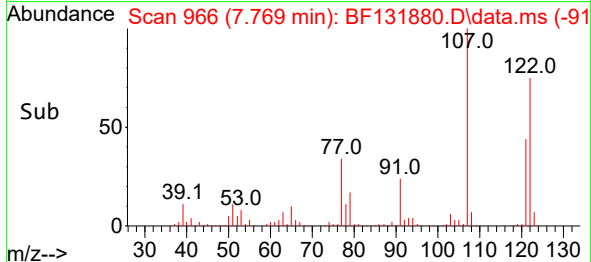
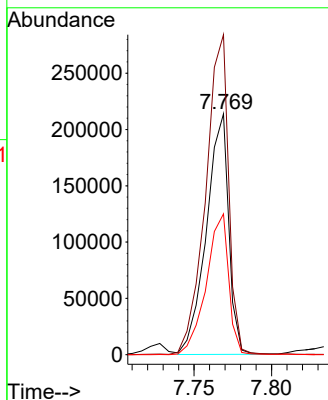
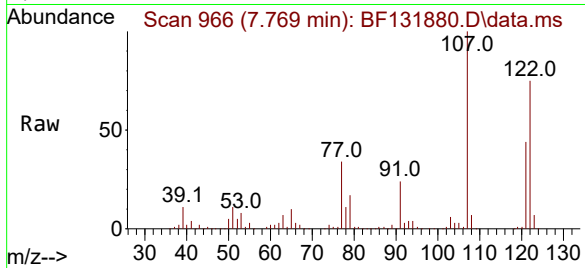
Tgt Ion:122 Resp: 213187

Ion Ratio Lower Upper

122 100

107 132.9 104.4 156.6

121 58.5 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 50.403 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

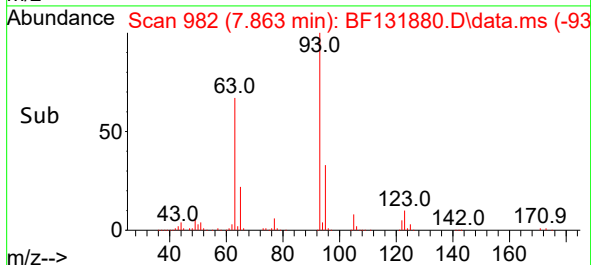
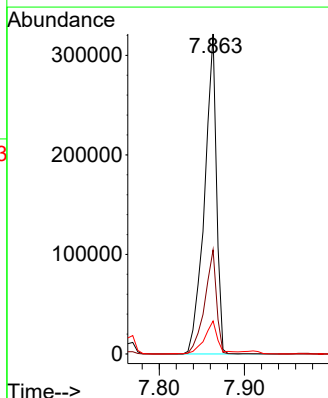
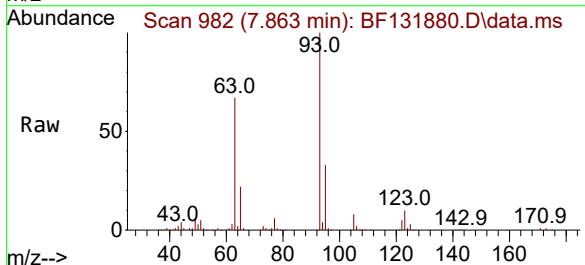
Tgt Ion: 93 Resp: 313531

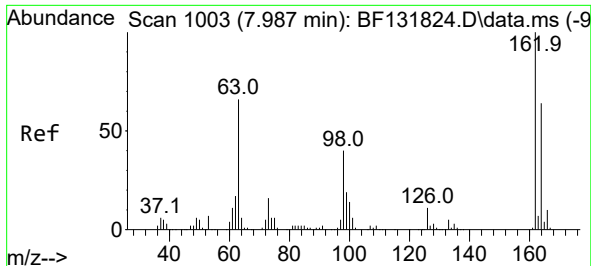
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 10.3 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 44.821 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

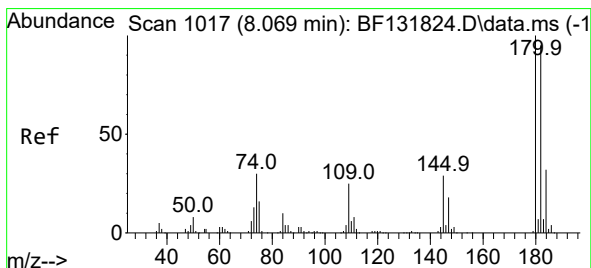
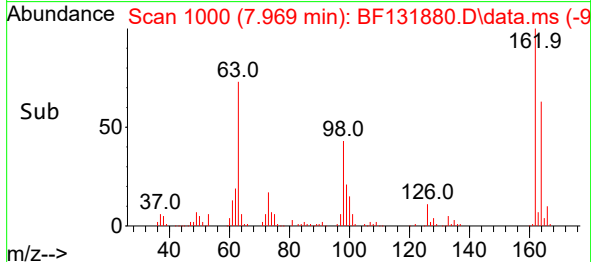
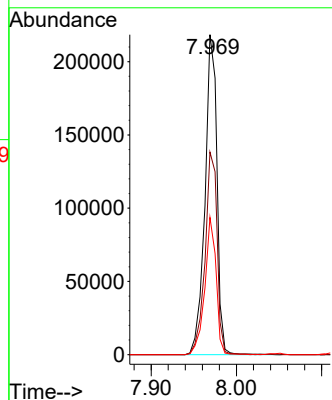
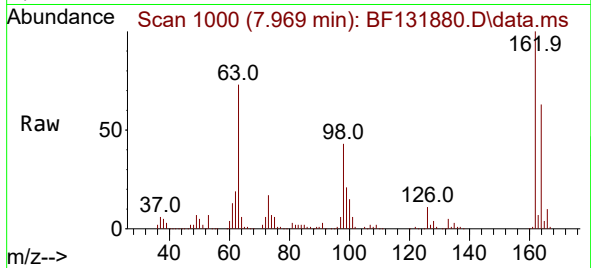
Tgt Ion:162 Resp: 213098

Ion Ratio Lower Upper

162 100

164 63.3 44.1 84.1

98 42.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 44.525 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

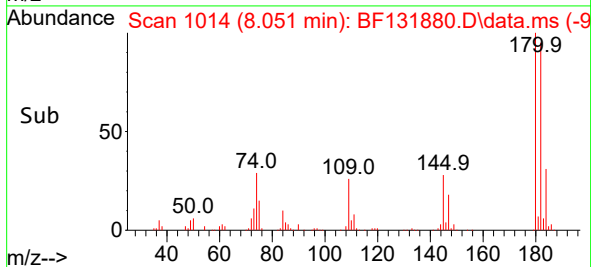
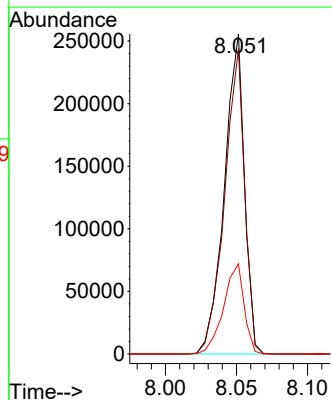
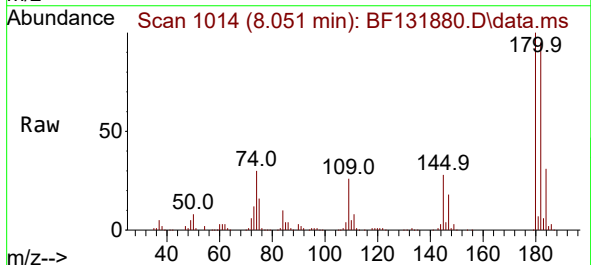
Tgt Ion:180 Resp: 250986

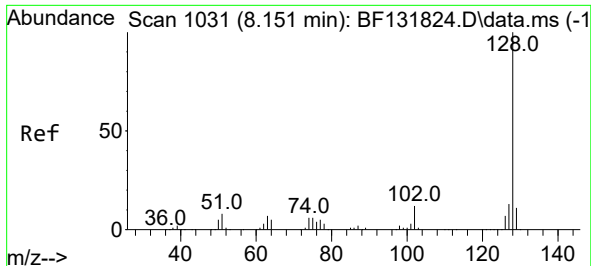
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

145 28.2 23.3 34.9

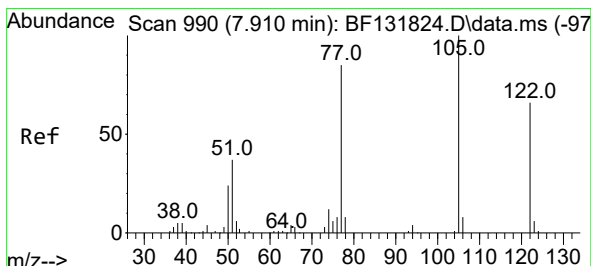
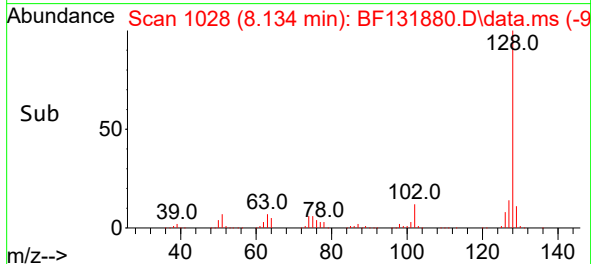
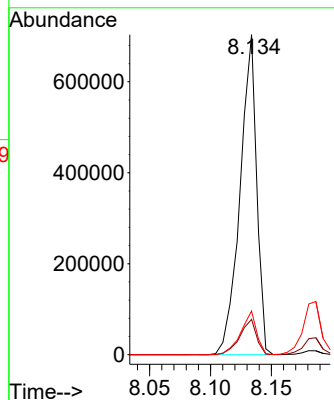
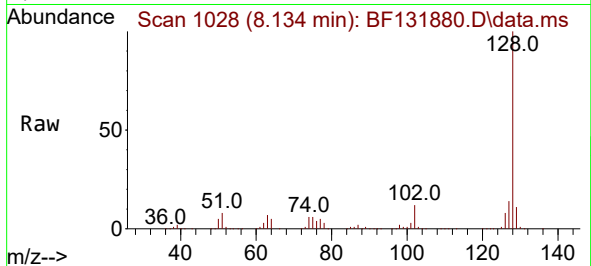




#31
Naphthalene
Concen: 43.217 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

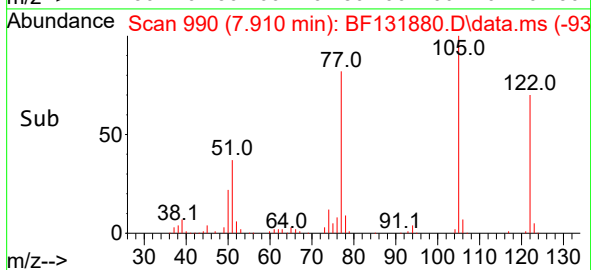
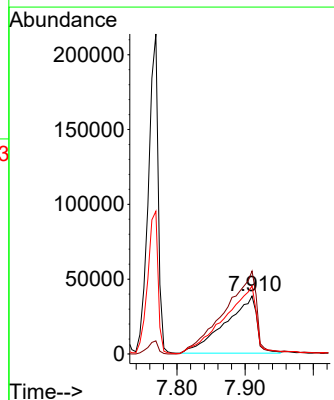
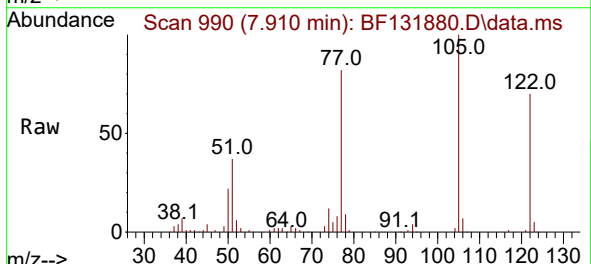
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

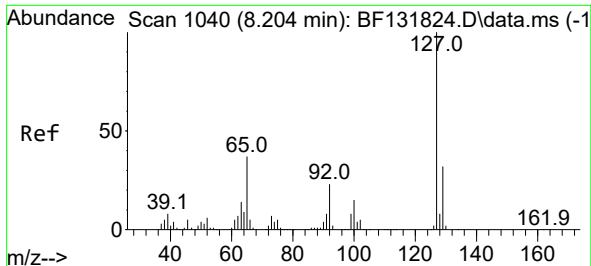
Tgt Ion:128 Resp: 670924
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 42.633 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.012 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:122 Resp: 122968
Ion Ratio Lower Upper
122 100
105 143.1 127.9 167.9
77 117.3 106.9 146.9

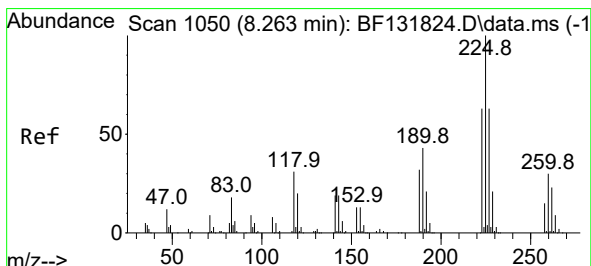
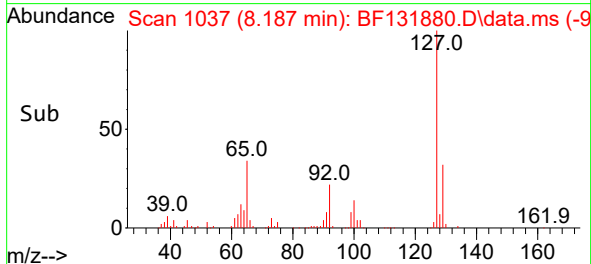
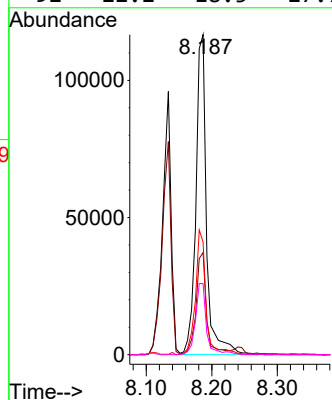
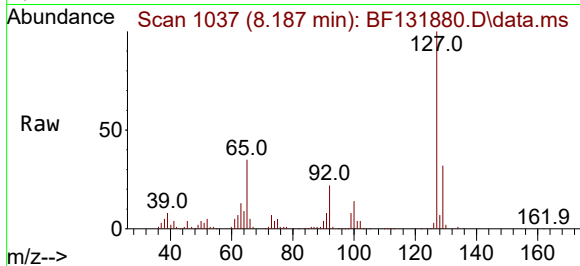




#33
4-Chloroaniline
Concen: 22.171 ng
RT: 8.187 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

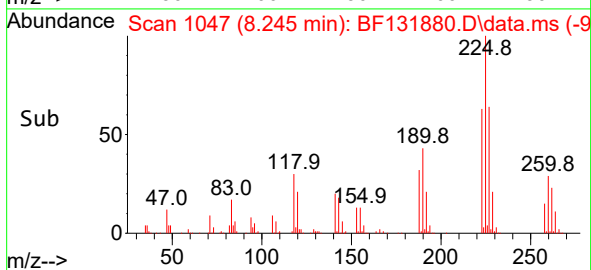
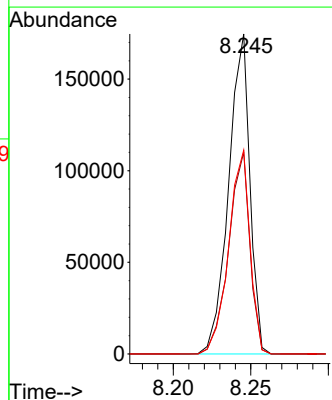
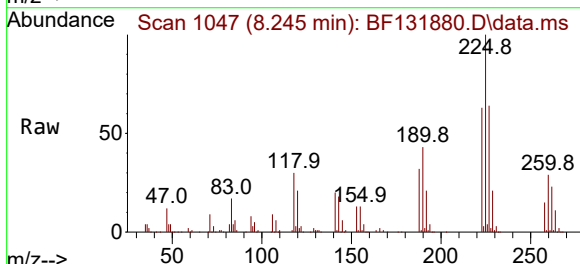
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

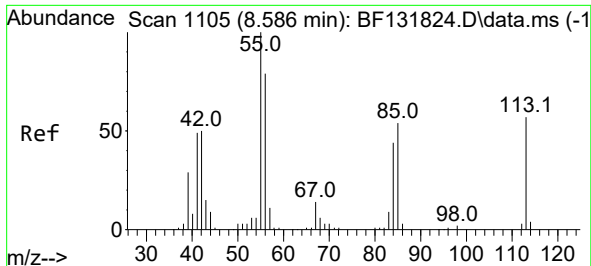
Tgt Ion:	127	Resp:	132069
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	35.1	29.7	44.5
92	22.2	18.5	27.7



#34
Hexachlorobutadiene
Concen: 43.170 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:	225	Resp:	166491
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.0	75.0
227	63.7	50.8	76.2

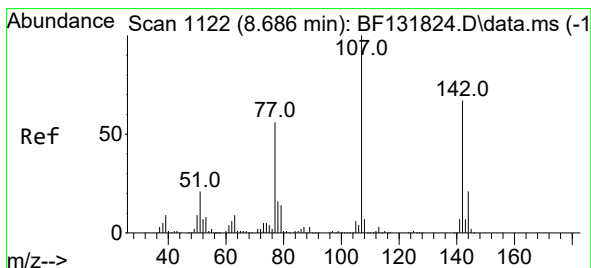
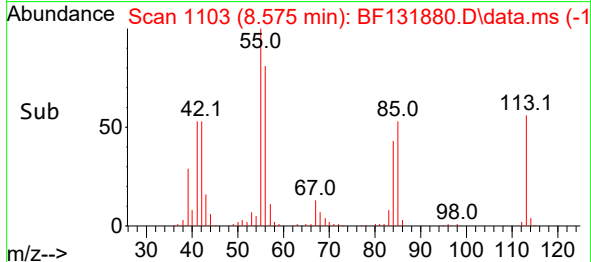
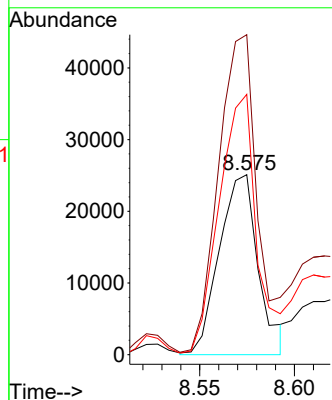
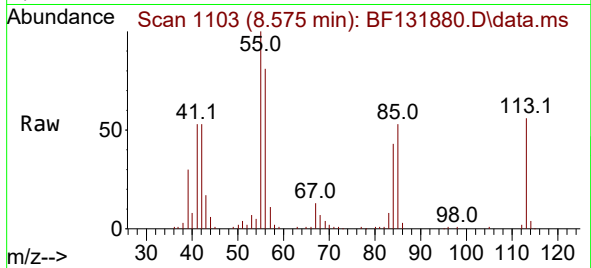




#35
 Caprolactam
 Concen: 25.451 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF131880.D
 Acq: 29 Dec 2022 16:17

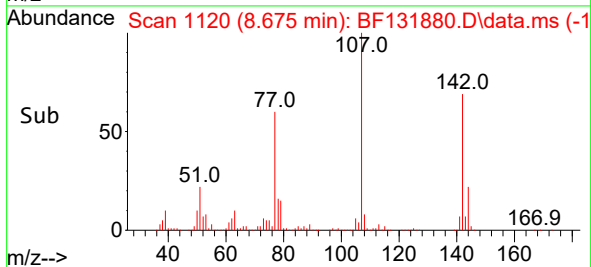
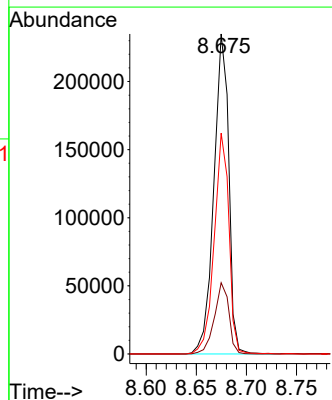
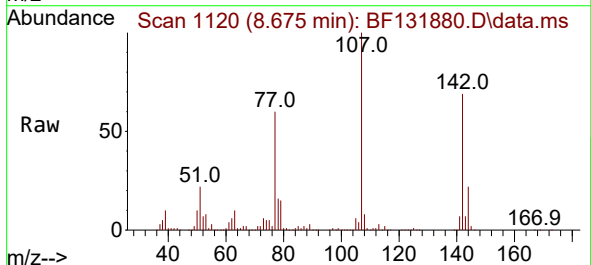
Instrument :
 BNA_F
 ClientSampleId :
 TP-3SMSD

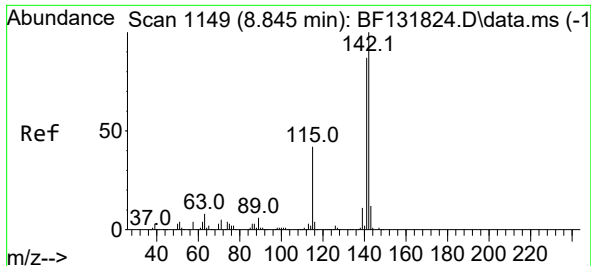
Tgt Ion:113 Resp: 35826
 Ion Ratio Lower Upper
 113 100
 55 177.8 153.3 193.3
 56 144.6 116.3 156.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.232 ng
 RT: 8.675 min Scan# 1120
 Delta R.T. 0.006 min
 Lab File: BF131880.D
 Acq: 29 Dec 2022 16:17

Tgt Ion:107 Resp: 243048
 Ion Ratio Lower Upper
 107 100
 144 22.2 16.8 25.2
 142 69.0 53.8 80.8

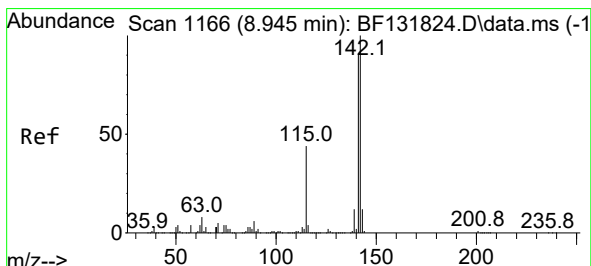
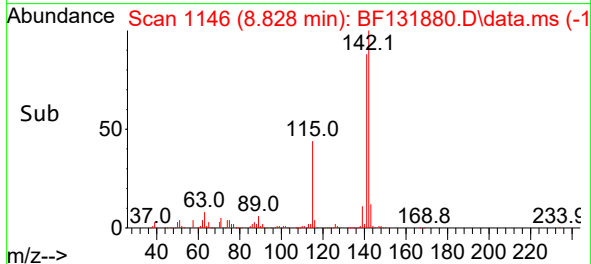
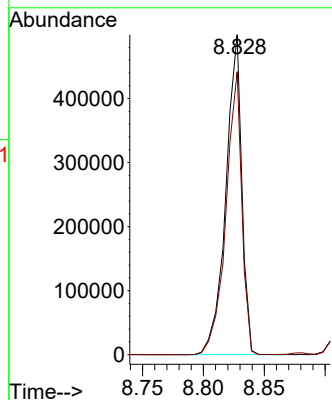
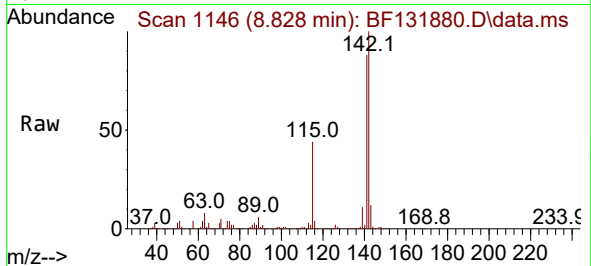




#37
2-Methylnaphthalene
Concen: 43.794 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

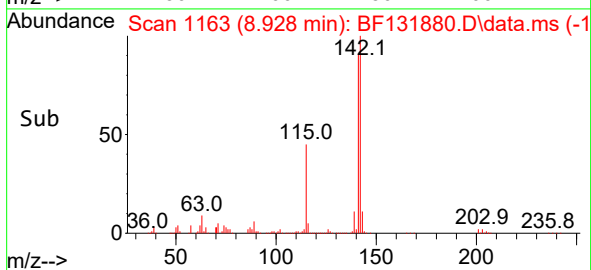
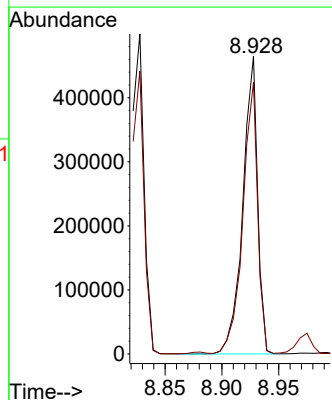
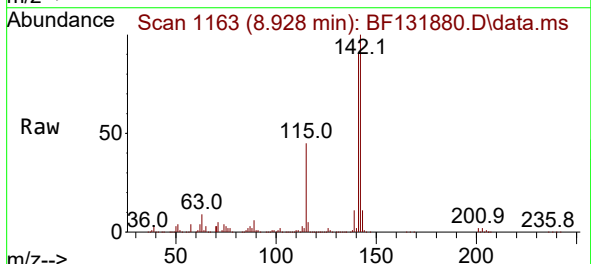
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

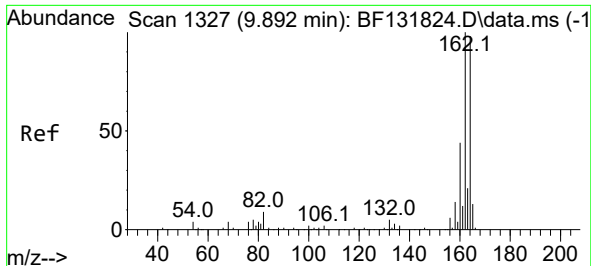
Tgt Ion:142 Resp: 456303
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.8



#38
1-Methylnaphthalene
Concen: 41.690 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:142 Resp: 421924
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

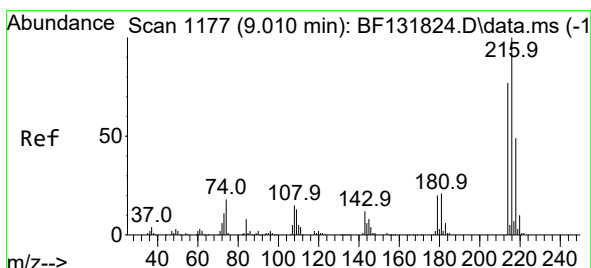
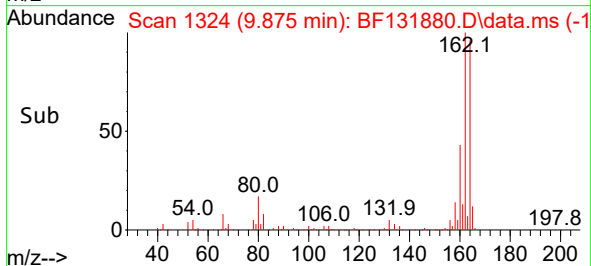
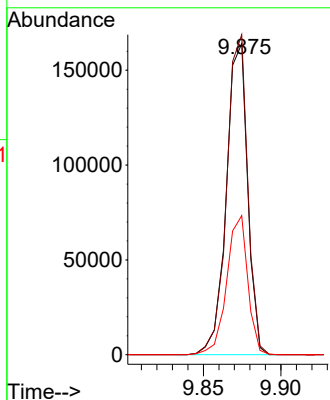
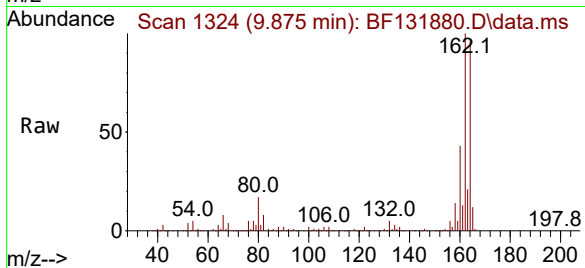
Tgt Ion:164 Resp: 156515

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 44.7 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.884 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Tgt Ion:216 Resp: 263153

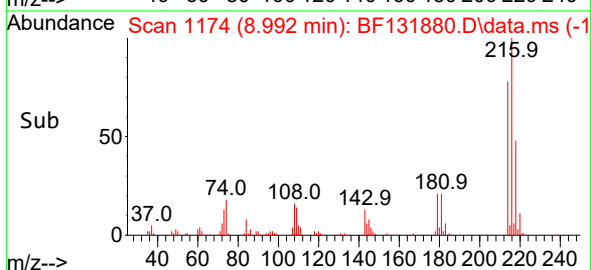
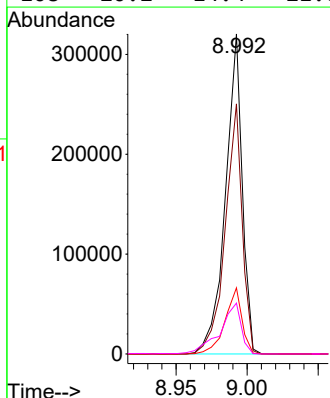
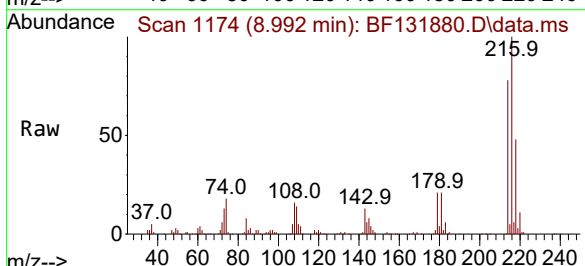
Ion Ratio Lower Upper

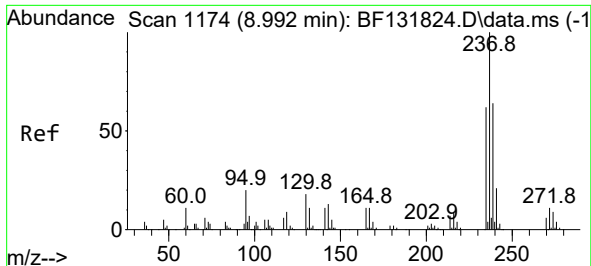
216 100

214 78.8 63.0 94.4

179 20.7 16.4 24.6

108 20.2 14.4 21.6

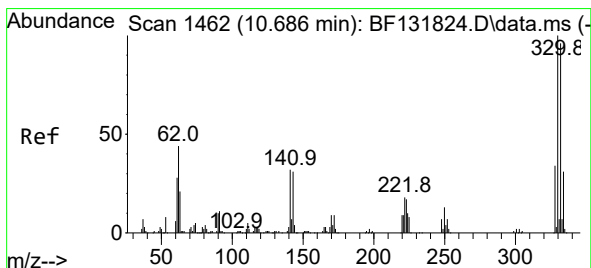
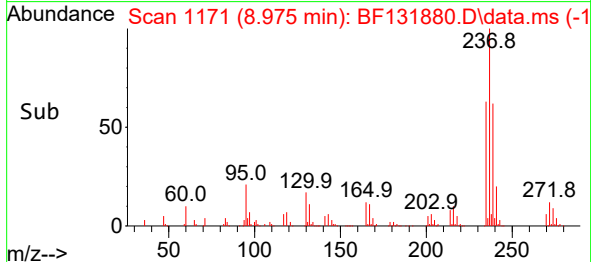
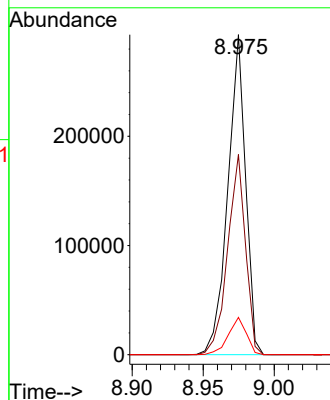
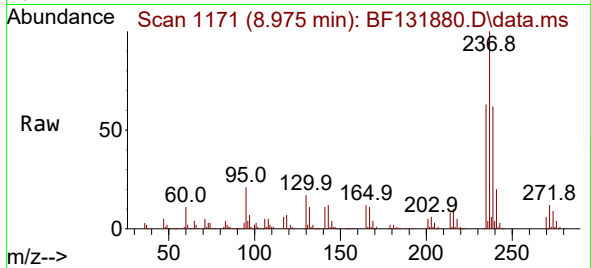




#41
Hexachlorocyclopentadiene
Concen: 101.874 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

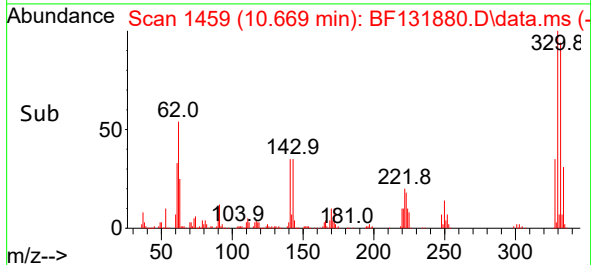
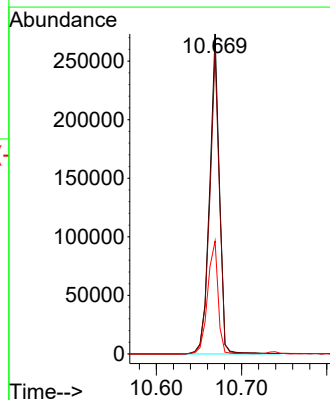
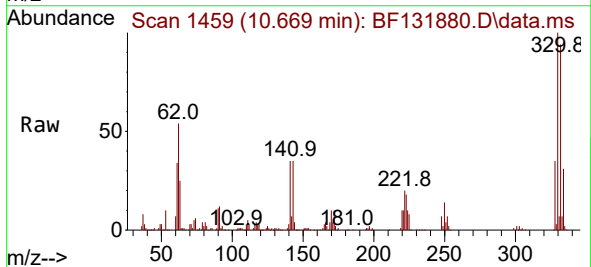
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

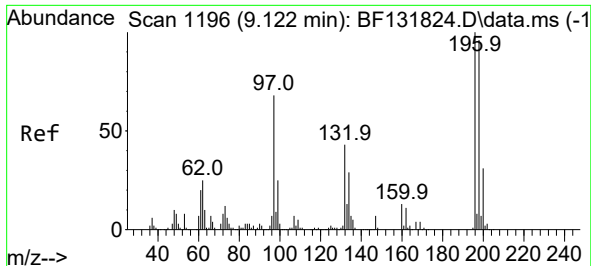
Tgt Ion:237 Resp: 254858
Ion Ratio Lower Upper
237 100
235 62.5 42.3 82.3
272 11.6 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 128.214 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:330 Resp: 218034
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.4
141 37.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 46.195 ng

RT: 9.110 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

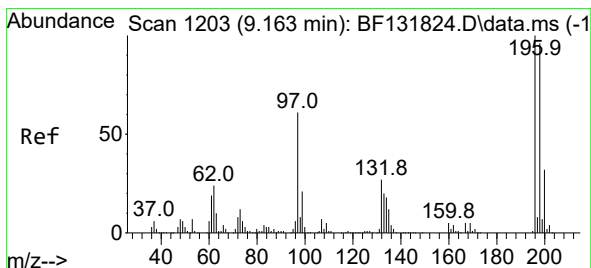
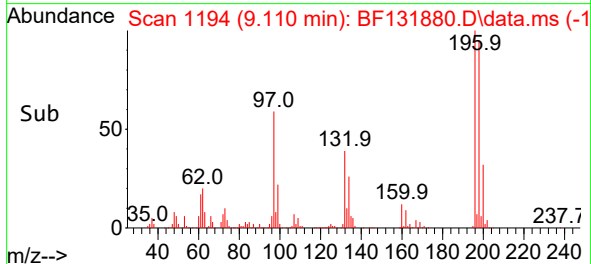
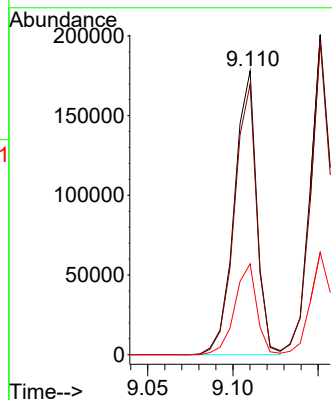
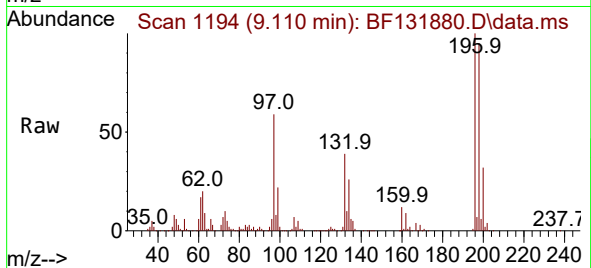
Tgt Ion:196 Resp: 162595

Ion Ratio Lower Upper

196 100

198 95.3 76.5 114.7

200 32.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 43.922 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Tgt Ion:196 Resp: 167115

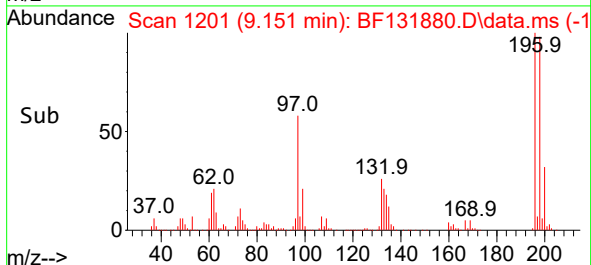
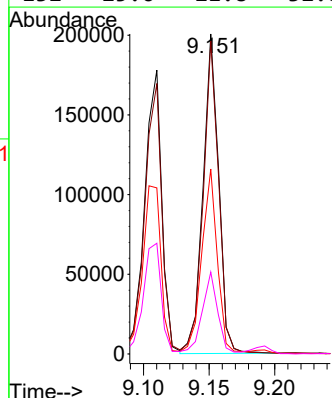
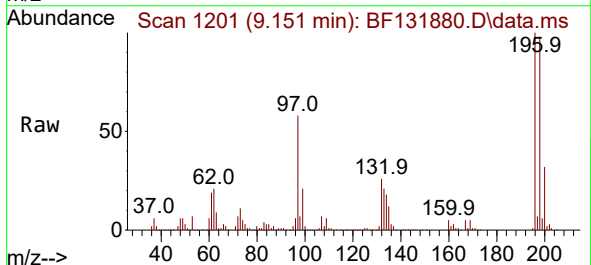
Ion Ratio Lower Upper

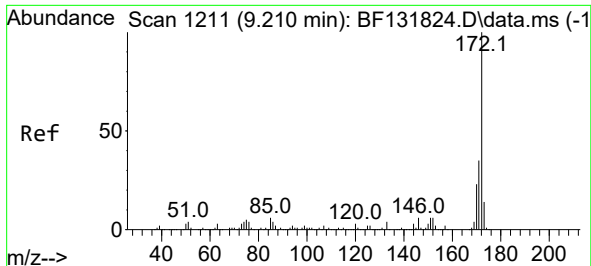
196 100

198 97.8 76.6 115.0

97 57.8 49.3 73.9

132 25.6 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 80.808 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

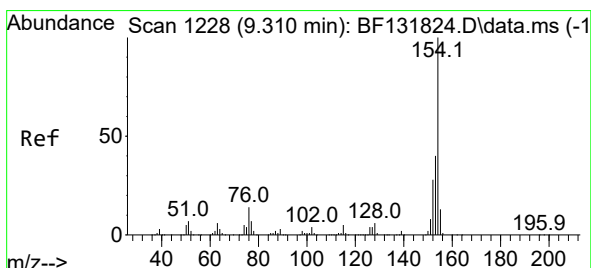
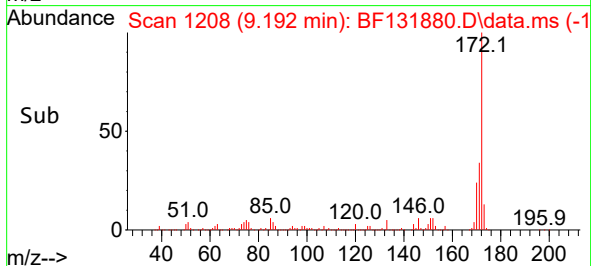
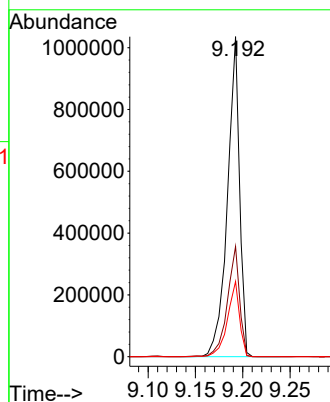
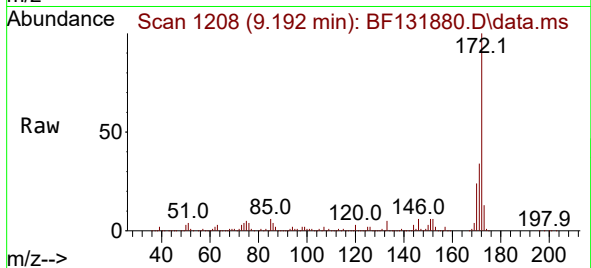
Tgt Ion:172 Resp: 923366

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 48.118 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

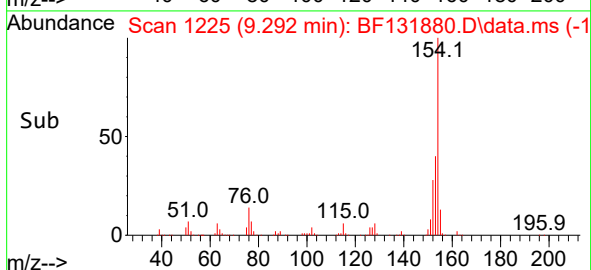
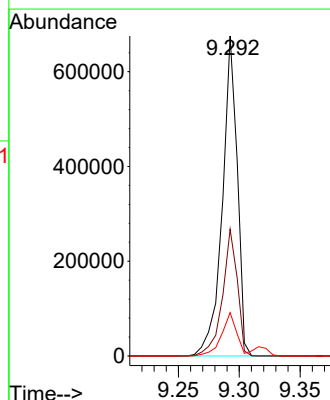
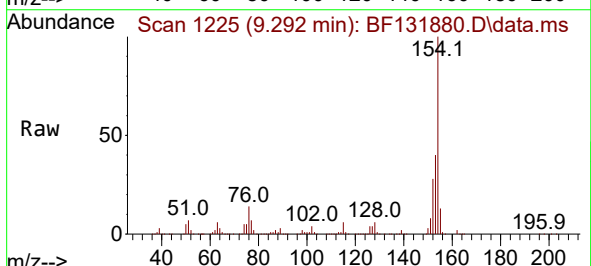
Tgt Ion:154 Resp: 576586

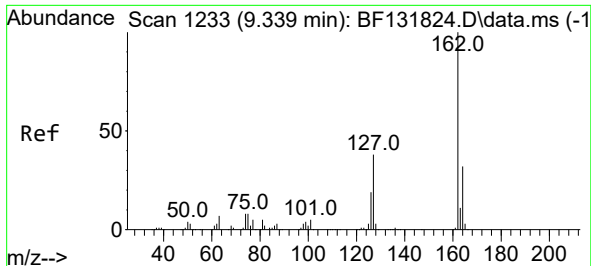
Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.870 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

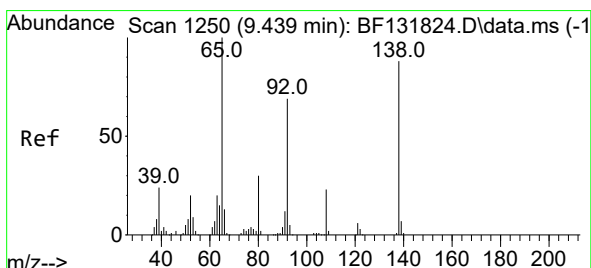
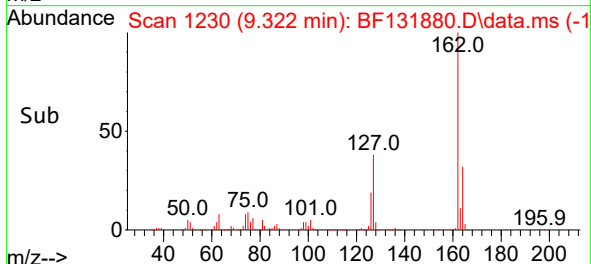
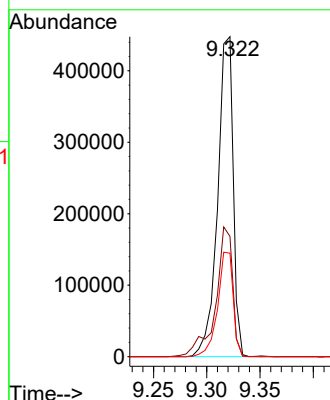
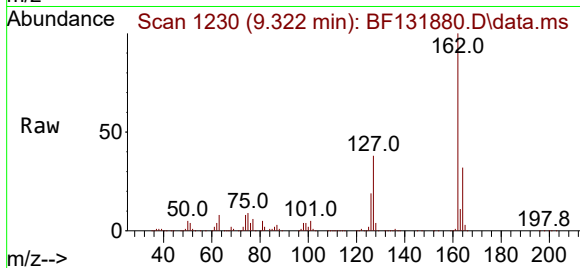
Tgt Ion:162 Resp: 454737

Ion Ratio Lower Upper

162 100

127 37.6 31.0 46.6

164 32.3 25.9 38.9



#48

2-Nitroaniline

Concen: 42.965 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

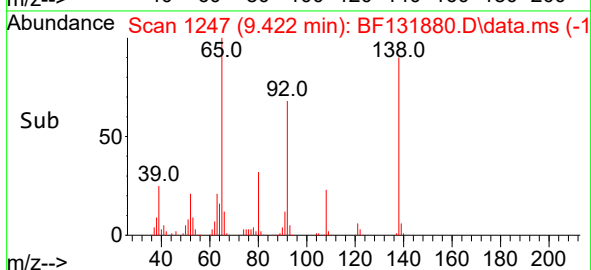
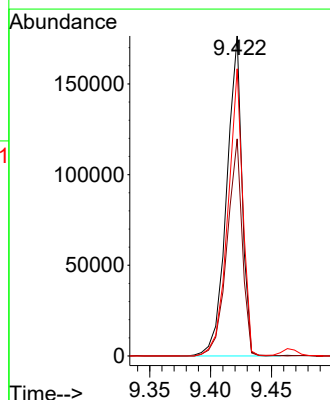
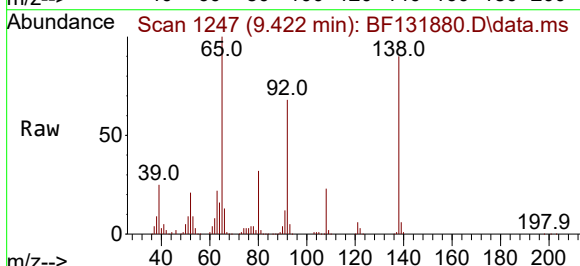
Tgt Ion: 65 Resp: 156121

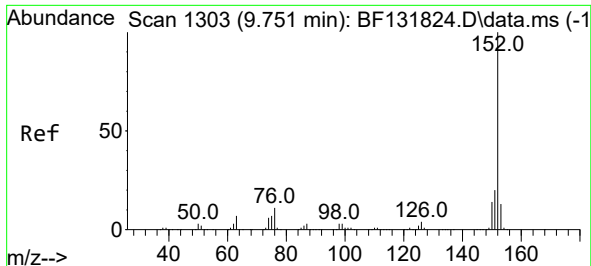
Ion Ratio Lower Upper

65 100

92 67.9 55.0 82.6

138 89.7 70.4 105.6





#49

Acenaphthylene

Concen: 45.194 ng

RT: 9.734 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

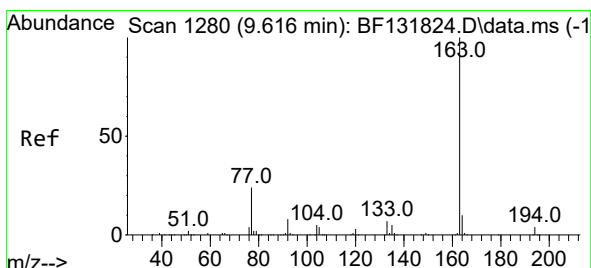
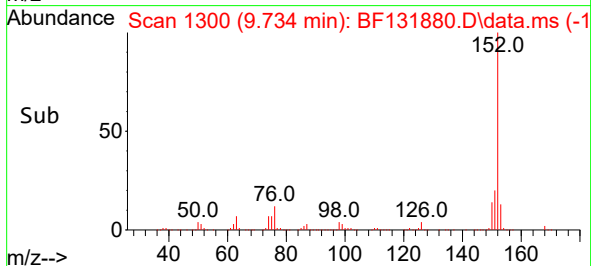
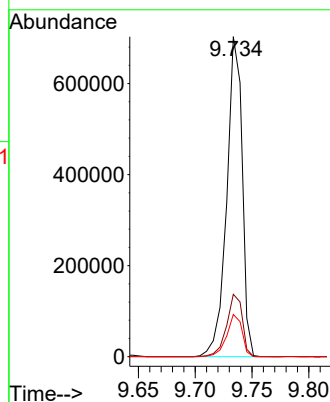
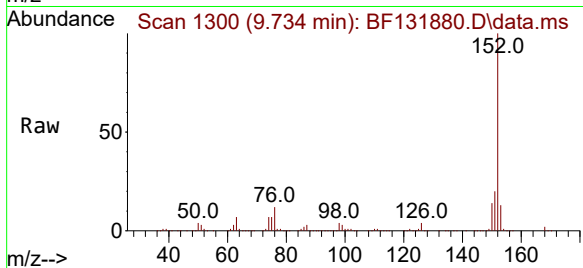
Tgt Ion:152 Resp: 667130

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 45.876 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

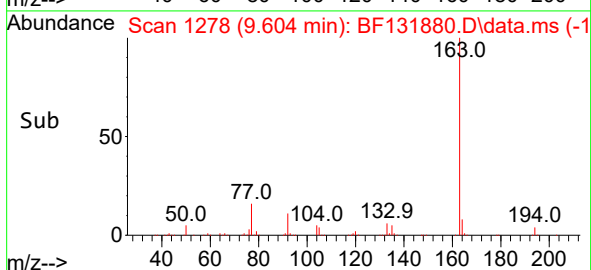
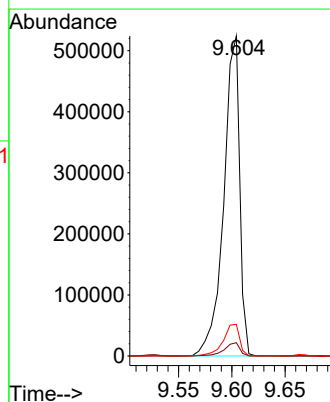
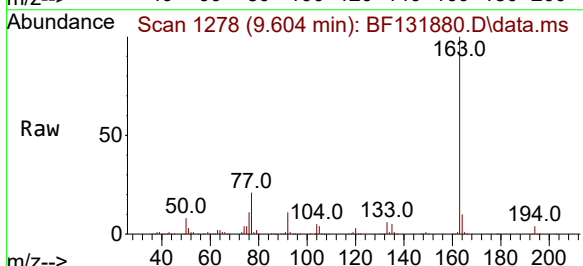
Tgt Ion:163 Resp: 543207

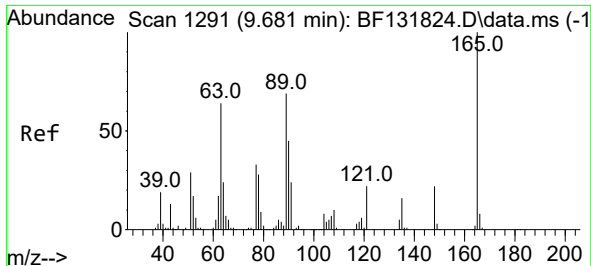
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 9.9 8.2 12.4

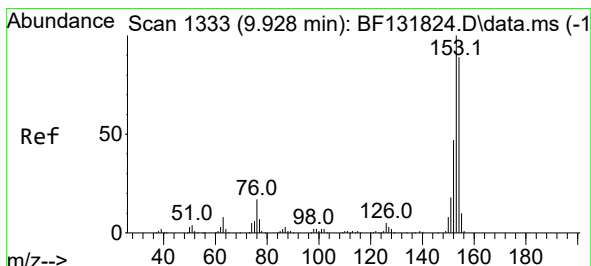
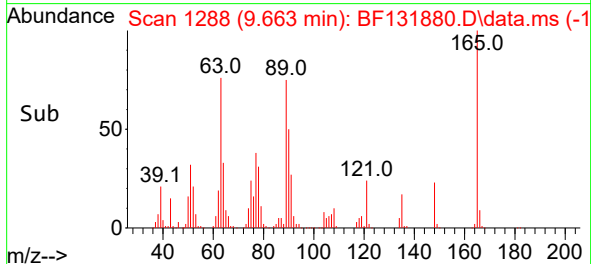
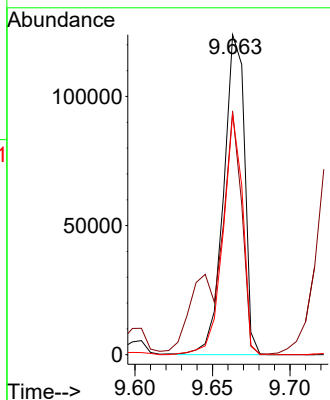
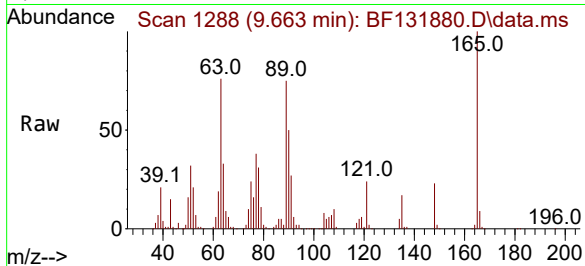




#51
2,6-Dinitrotoluene
Concen: 45.514 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

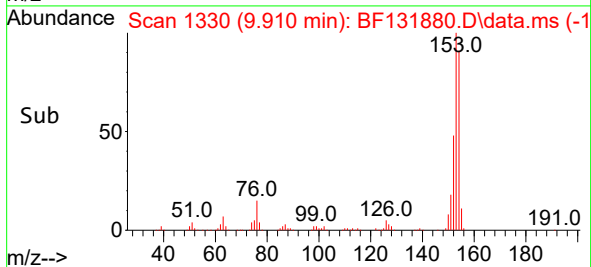
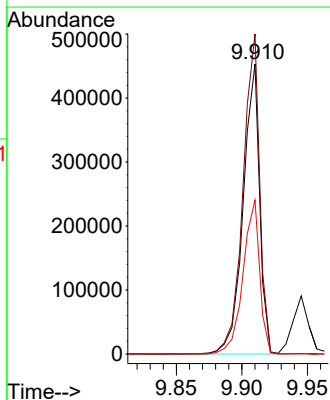
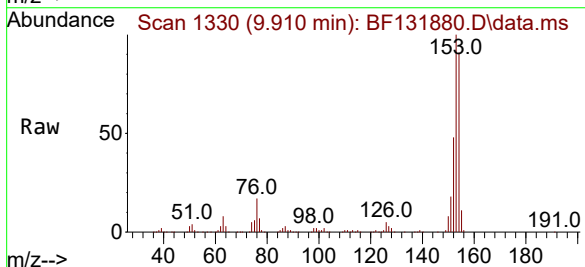
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

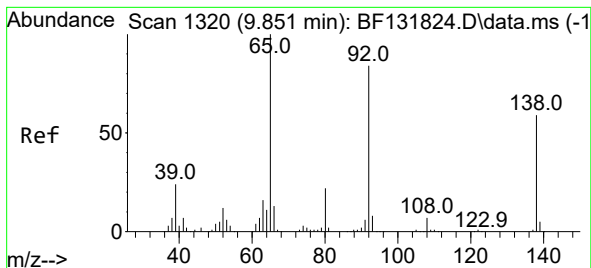
Tgt Ion:165 Resp: 116665
Ion Ratio Lower Upper
165 100
63 76.0 55.1 82.7
89 75.1 55.0 82.4



#52
Acenaphthene
Concen: 44.478 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:154 Resp: 396254
Ion Ratio Lower Upper
154 100
153 110.4 90.2 135.2
152 53.1 42.5 63.7





#53

3-Nitroaniline

Concen: 24.676 ng

RT: 9.834 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

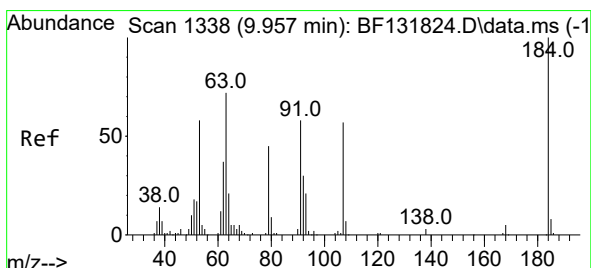
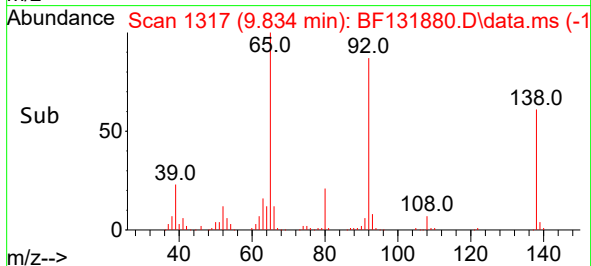
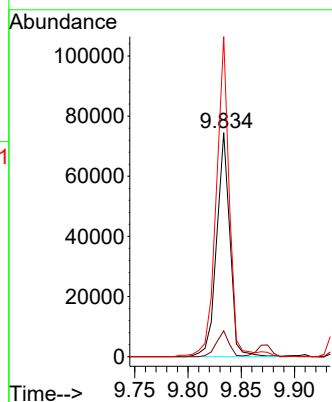
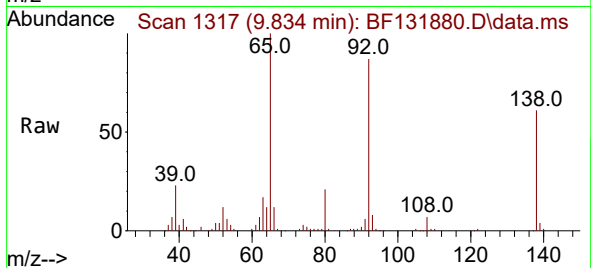
Tgt Ion:138 Resp: 64449

Ion Ratio Lower Upper

138 100

108 11.5 9.3 13.9

92 142.9 113.9 170.9



#54

2,4-Dinitrophenol

Concen: 70.437 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

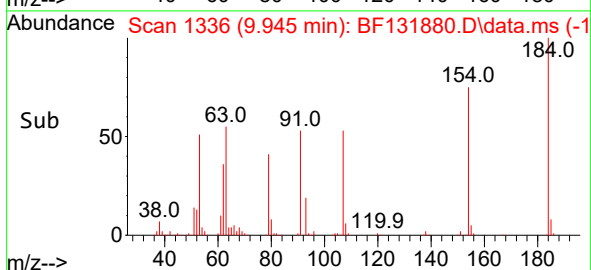
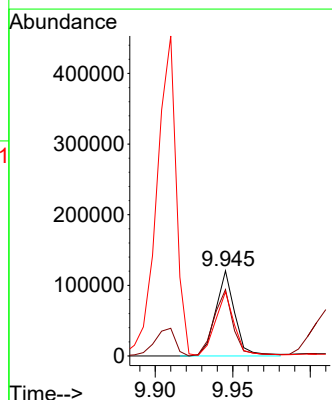
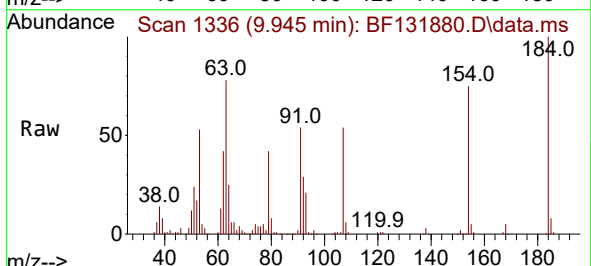
Tgt Ion:184 Resp: 103901

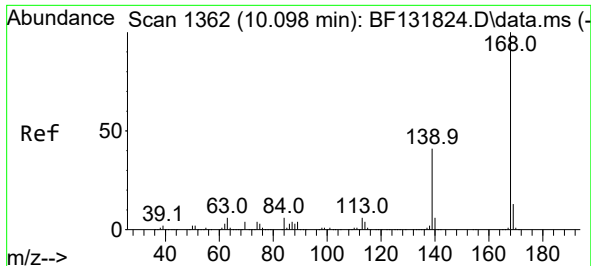
Ion Ratio Lower Upper

184 100

63 78.0 66.8 100.2

154 75.3 61.6 92.4

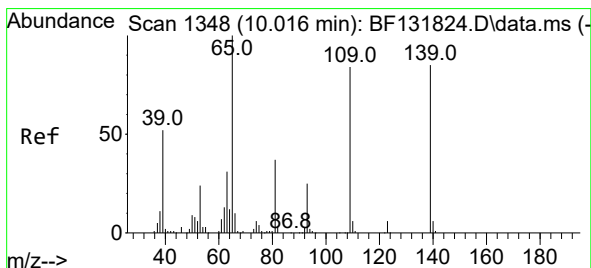
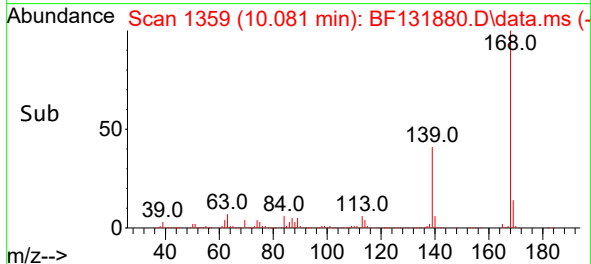
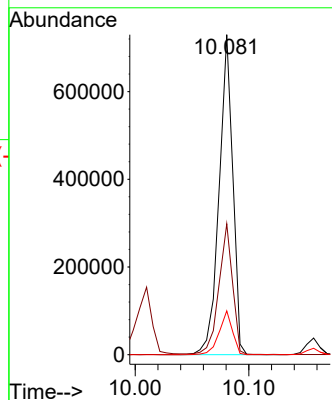
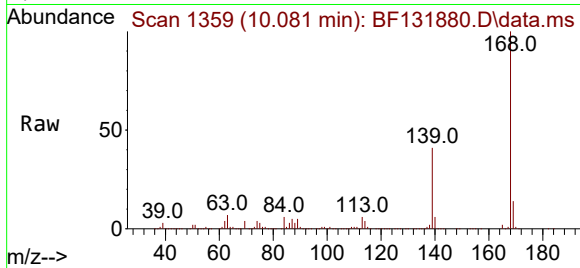




#55
Dibenzenofuran
Concen: 44.607 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

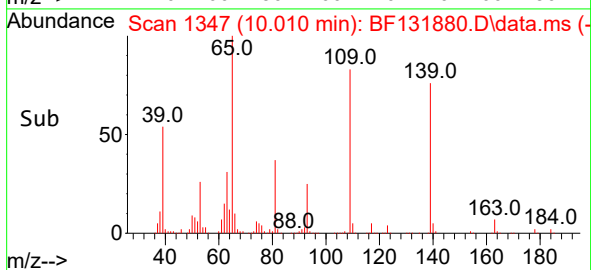
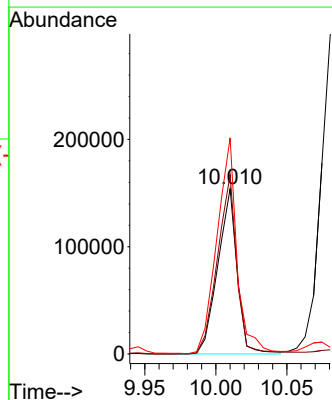
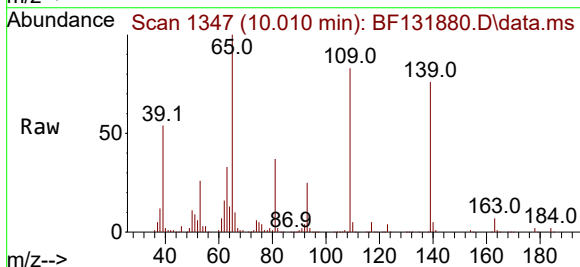
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

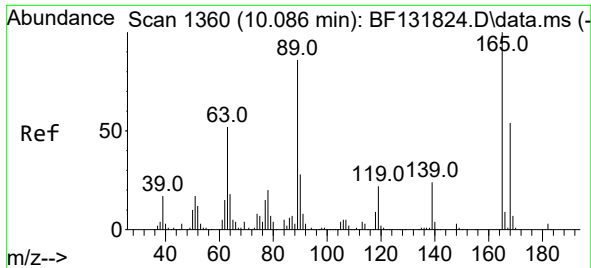
Tgt Ion:168 Resp: 612278
Ion Ratio Lower Upper
168 100
139 40.9 32.6 49.0
169 13.7 10.5 15.7



#56
4-Nitrophenol
Concen: 79.515 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:139 Resp: 145481
Ion Ratio Lower Upper
139 100
109 108.6 78.5 118.5
65 130.8 97.5 137.5

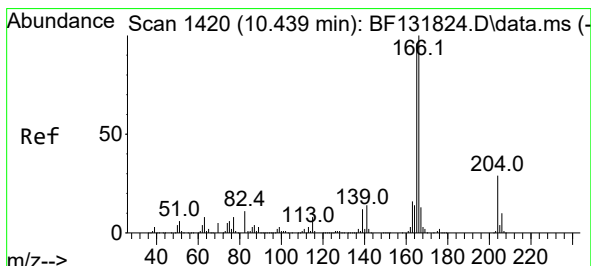
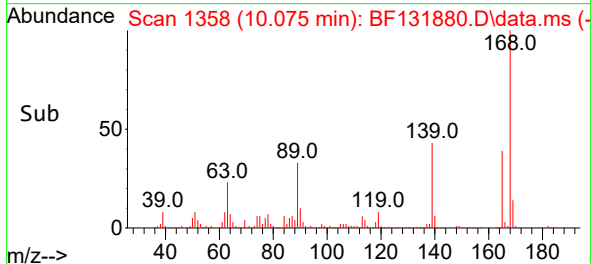
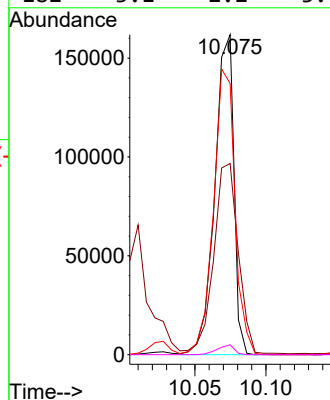
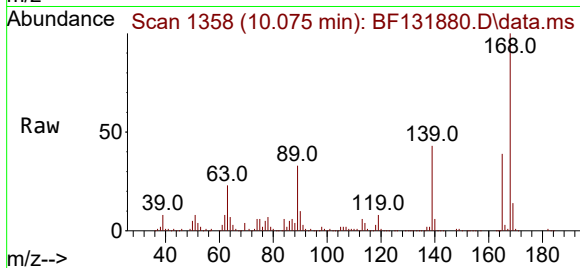




#57
2,4-Dinitrotoluene
Concen: 43.015 ng
RT: 10.075 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

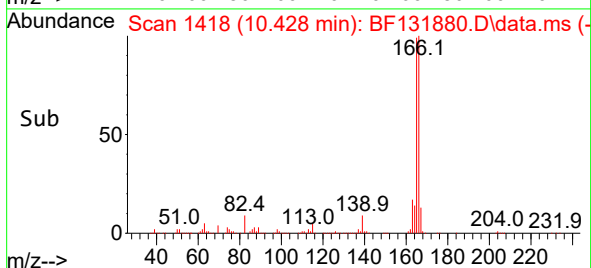
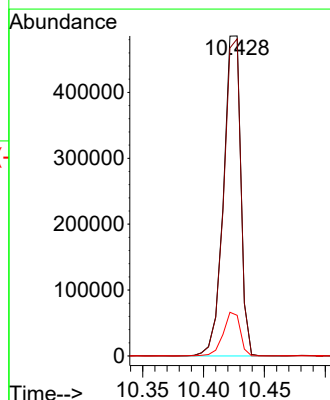
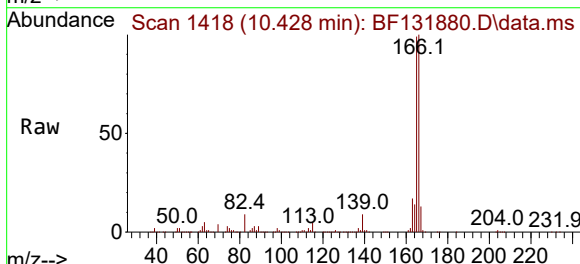
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

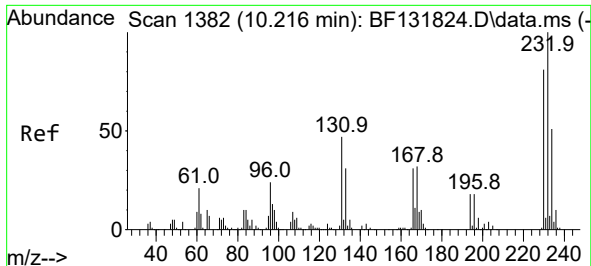
Tgt Ion:165 Resp: 150789
Ion Ratio Lower Upper
165 100
63 59.7 42.1 63.1
89 84.7 69.1 103.7
182 3.1 2.2 3.4



#58
Fluorene
Concen: 42.782 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:166 Resp: 479397
Ion Ratio Lower Upper
166 100
165 99.1 77.0 115.4
167 12.7 10.4 15.6

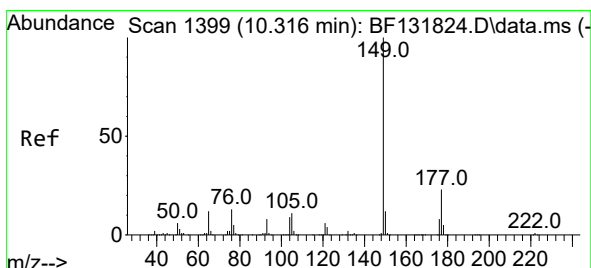
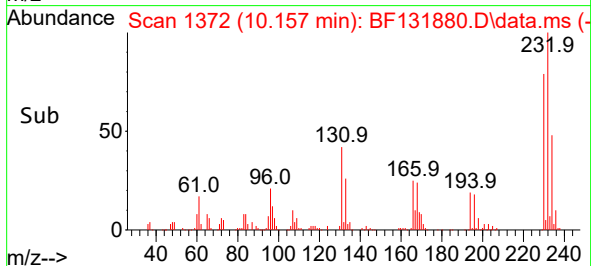
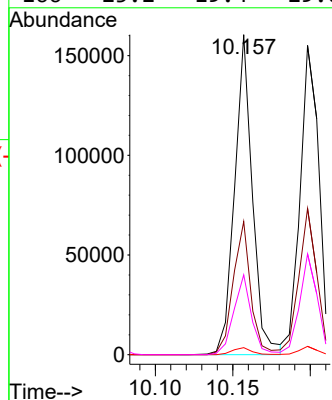
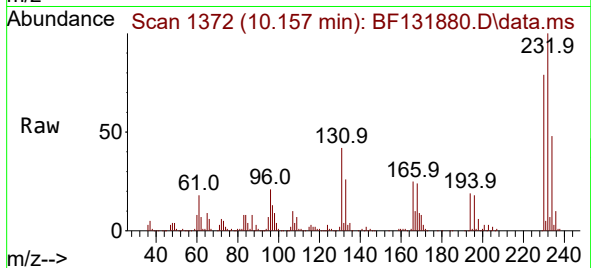




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.053 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.041 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

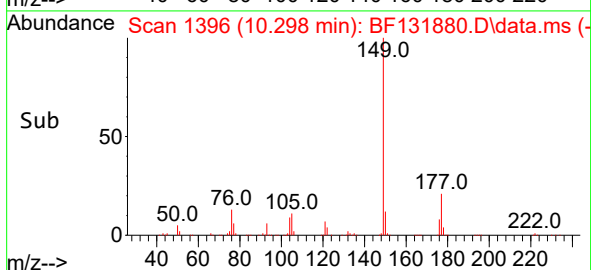
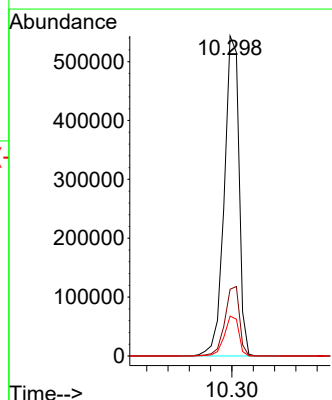
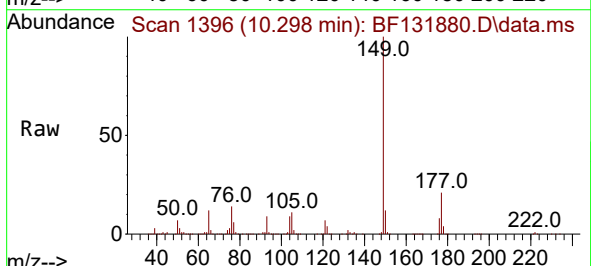
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

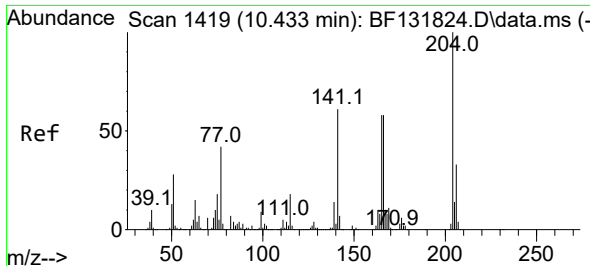
Tgt Ion:232 Resp: 128179
Ion Ratio Lower Upper
232 100
131 40.9 30.1 45.1
130 2.4 1.8 2.6
166 25.2 19.4 29.0



#60
Diethylphthalate
Concen: 45.701 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:149 Resp: 520825
Ion Ratio Lower Upper
149 100
177 20.9 18.1 27.1
150 12.5 9.8 14.8

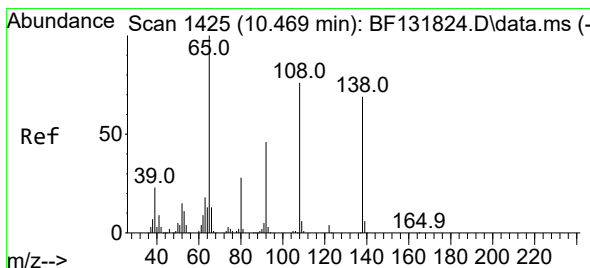
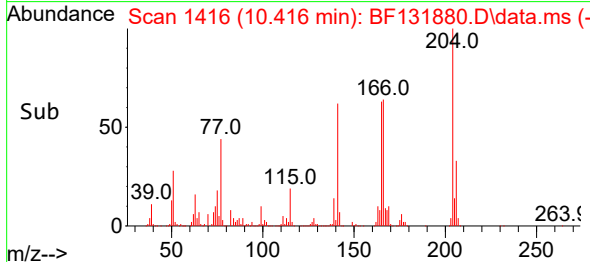
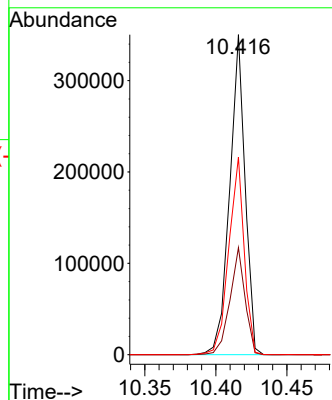
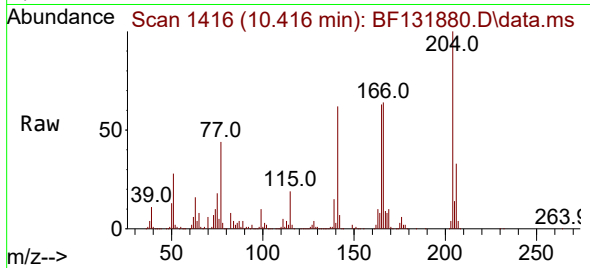




#61
4-Chlorophenyl-phenylether
Concen: 45.309 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

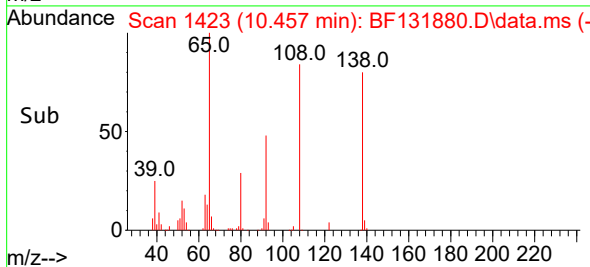
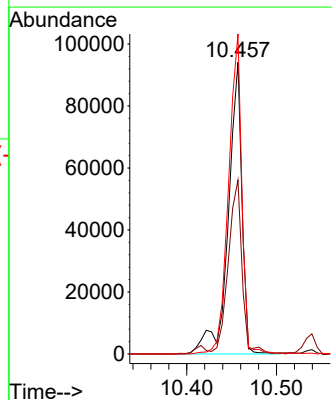
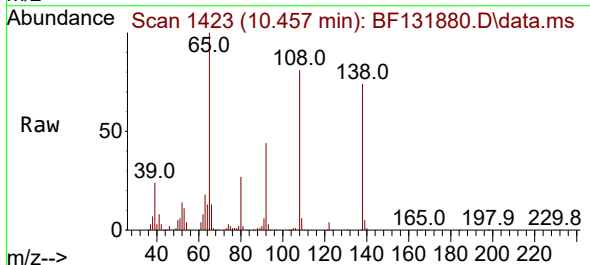
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

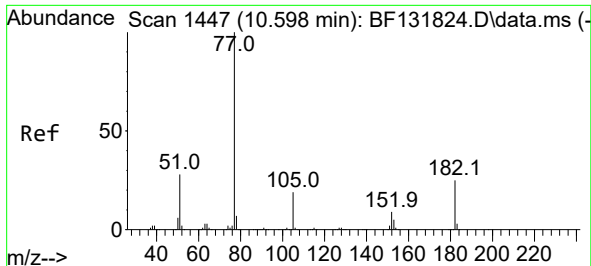
Tgt Ion:204 Resp: 263935
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 61.8 49.0 73.4



#62
4-Nitroaniline
Concen: 36.706 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:138 Resp: 99912
Ion Ratio Lower Upper
138 100
92 59.6 47.2 87.2
108 109.7 89.2 129.2

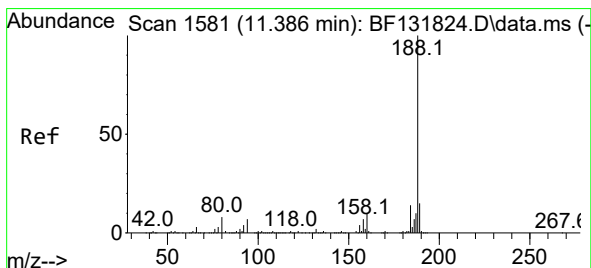
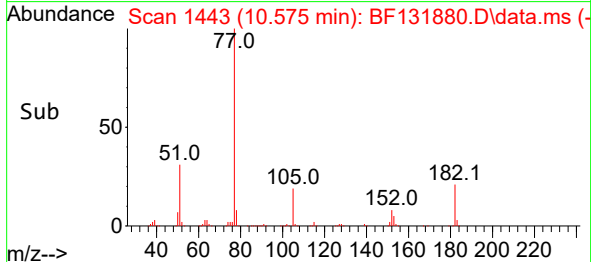
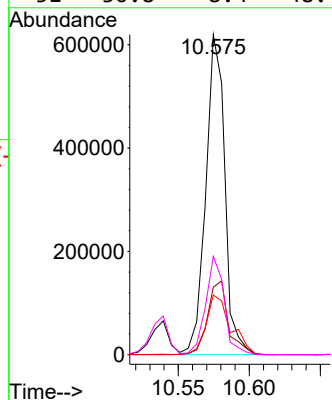
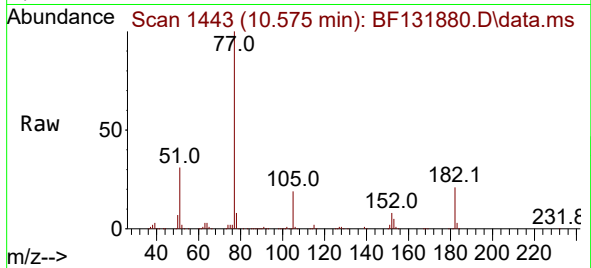




#63
Azobenzene
Concen: 45.568 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

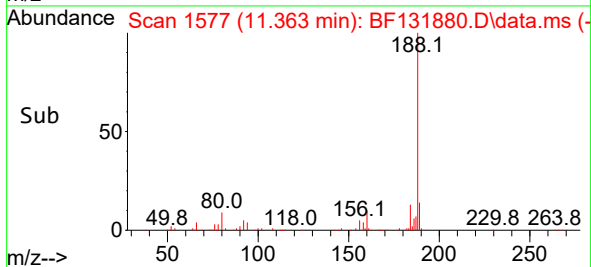
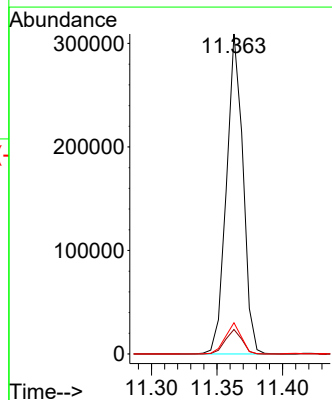
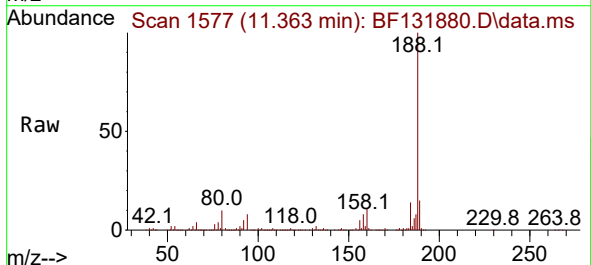
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

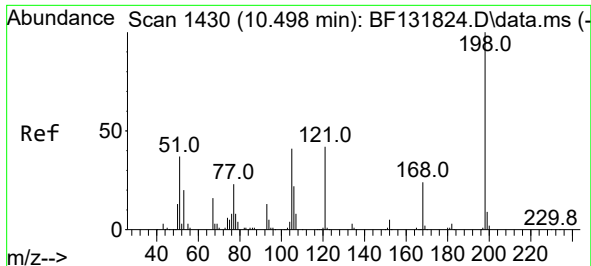
Tgt Ion: 77 Resp: 576338
Ion Ratio Lower Upper
77 100
182 21.1 5.0 45.0
105 18.7 0.0 39.4
51 30.8 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion: 188 Resp: 271009
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 9.7 6.7 10.1

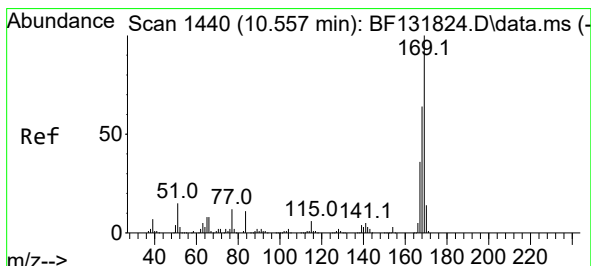
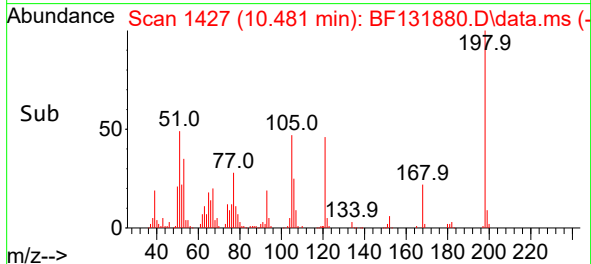
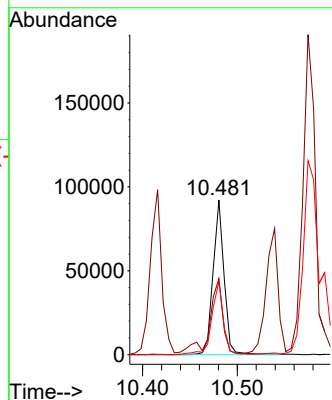
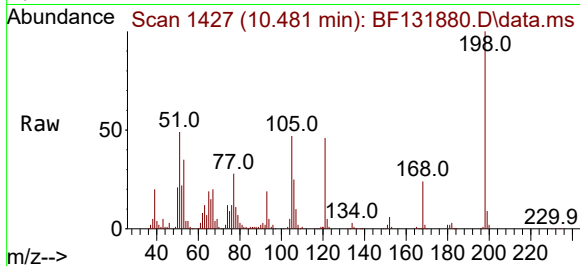




#65
4,6-Dinitro-2-methylphenol
Concen: 40.211 ng
RT: 10.481 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

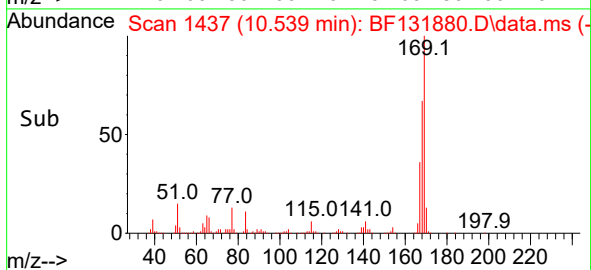
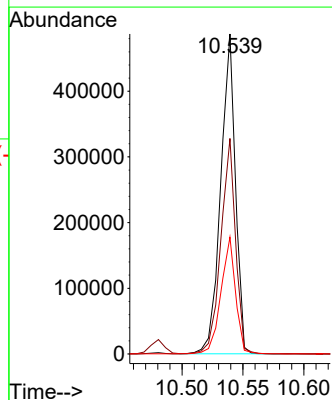
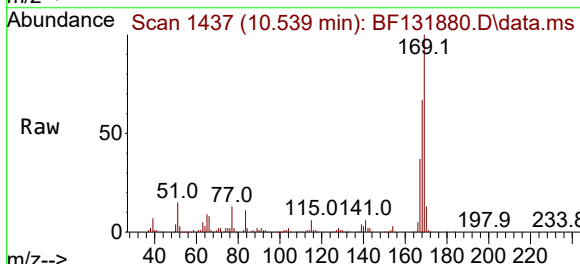
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

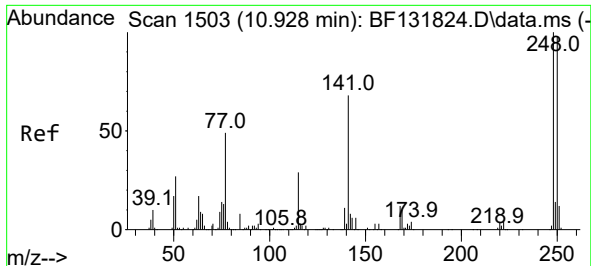
Tgt Ion:198 Resp: 74197
Ion Ratio Lower Upper
198 100
51 49.2 21.6 61.6
105 47.3 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 49.753 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:169 Resp: 411305
Ion Ratio Lower Upper
169 100
168 67.3 51.5 77.3
167 36.5 28.4 42.6

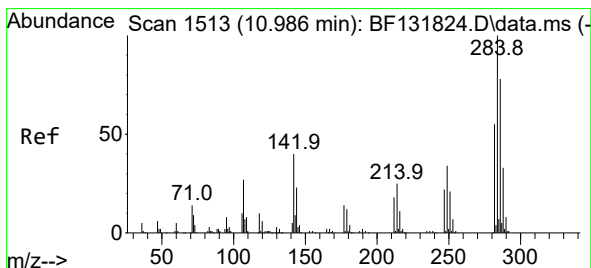
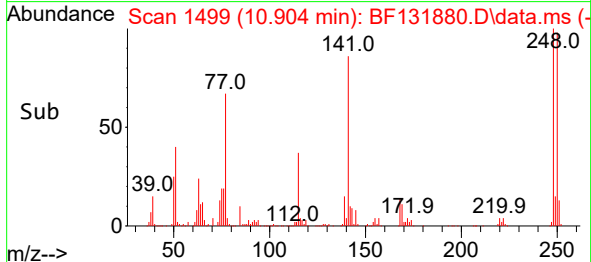
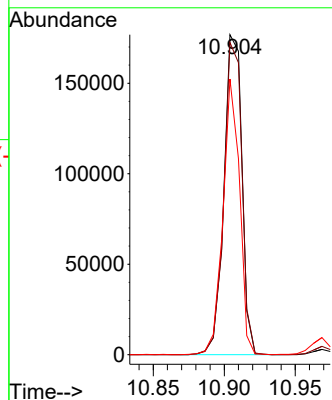
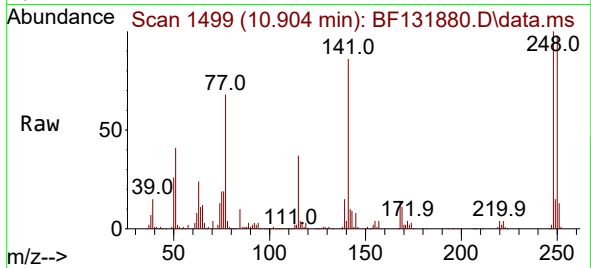




#67
4-Bromophenyl-phenylether
Concen: 49.461 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

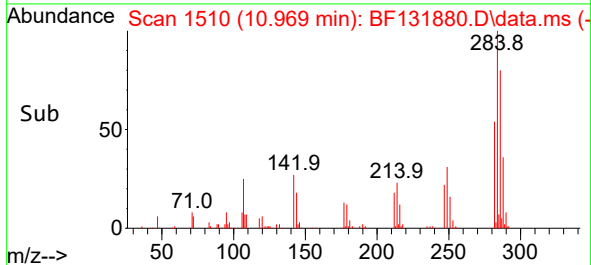
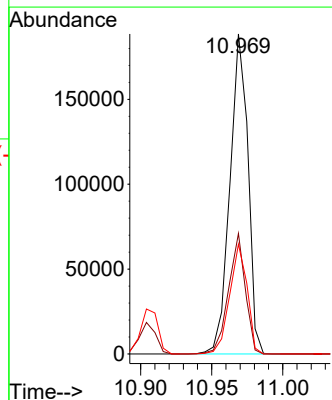
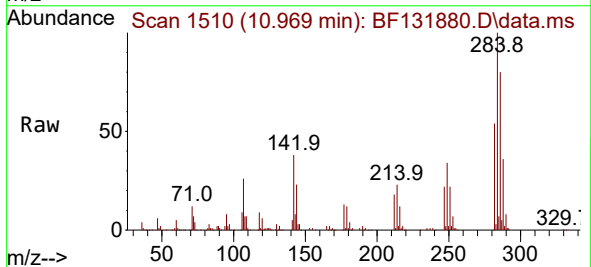
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

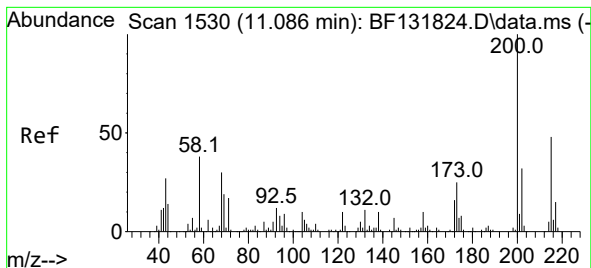
Tgt Ion:248 Resp: 155359
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 86.2 54.8 82.2#



#68
Hexachlorobenzene
Concen: 48.389 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:284 Resp: 166965
Ion Ratio Lower Upper
284 100
142 37.6 31.6 47.4
249 34.3 26.9 40.3





#69

Atrazine

Concen: 52.304 ng

RT: 11.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

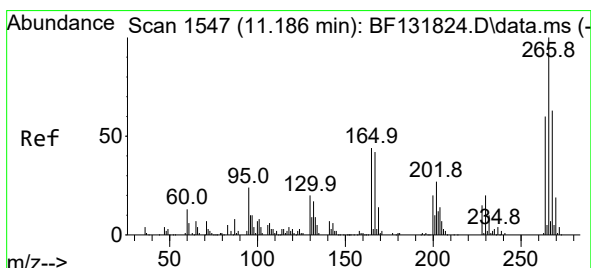
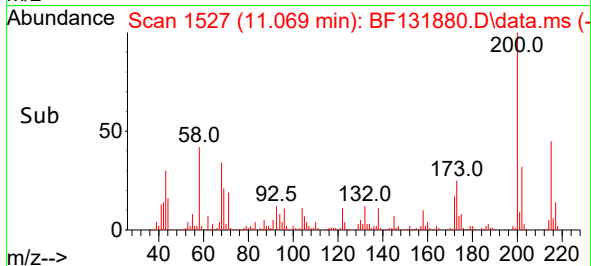
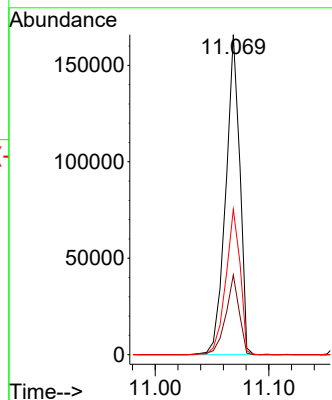
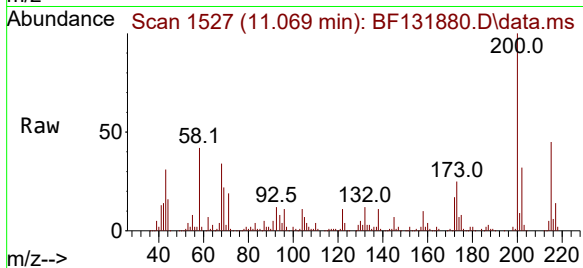
Tgt Ion:200 Resp: 142352

Ion Ratio Lower Upper

200 100

173 24.9 4.5 44.5

215 45.4 28.5 68.5



#70

Pentachlorophenol

Concen: 94.418 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

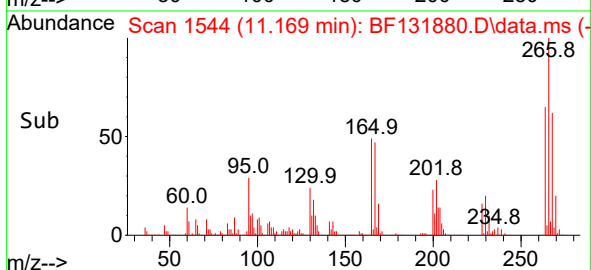
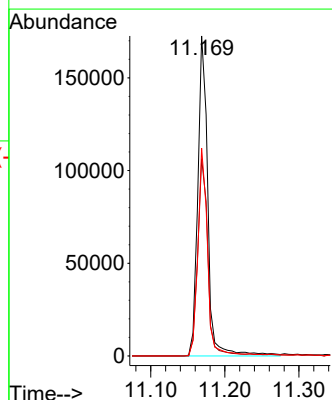
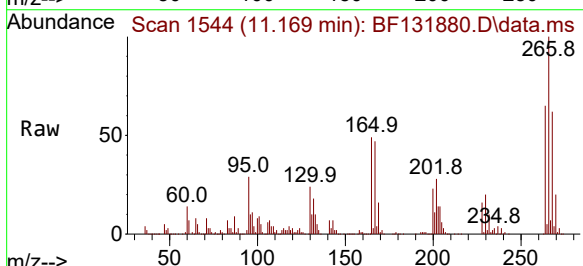
Tgt Ion:266 Resp: 161206

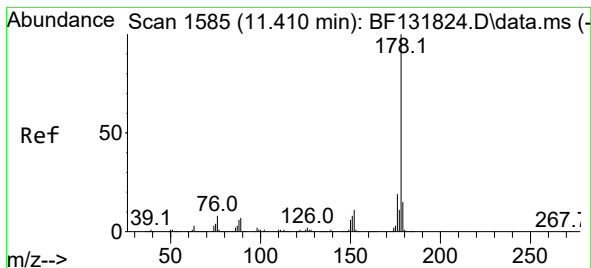
Ion Ratio Lower Upper

266 100

268 61.6 50.5 75.7

264 64.9 48.3 72.5





#71

Phenanthrene

Concen: 44.250 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

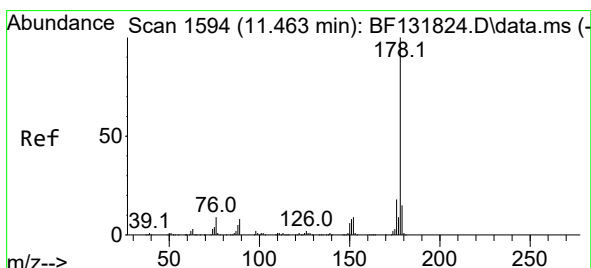
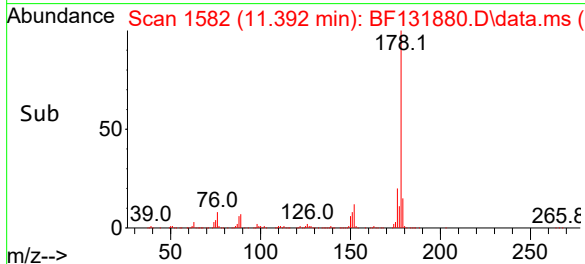
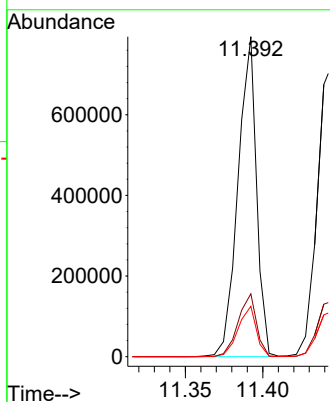
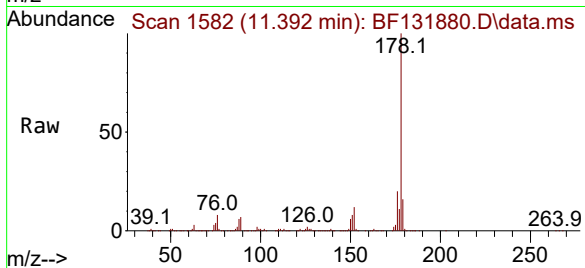
Tgt Ion:178 Resp: 659458

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.8 12.2 18.4



#72

Anthracene

Concen: 45.005 ng

RT: 11.445 min Scan# 1591

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

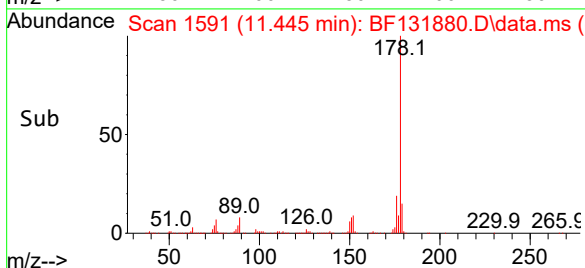
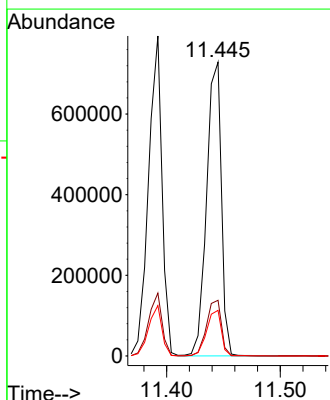
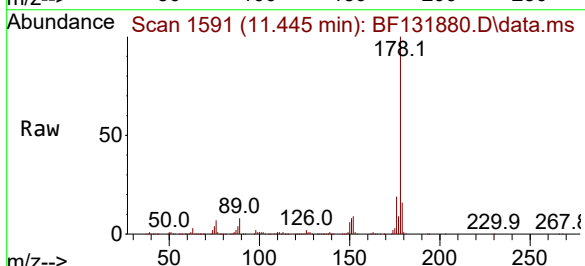
Tgt Ion:178 Resp: 656124

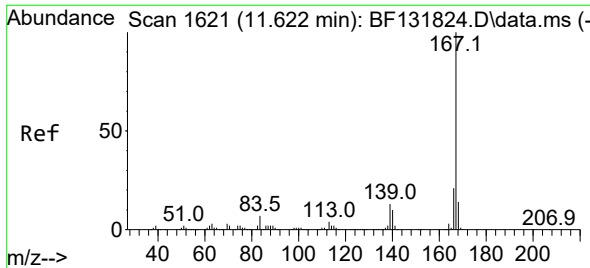
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.5 12.2 18.2

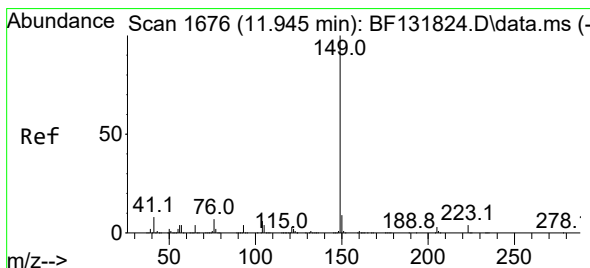
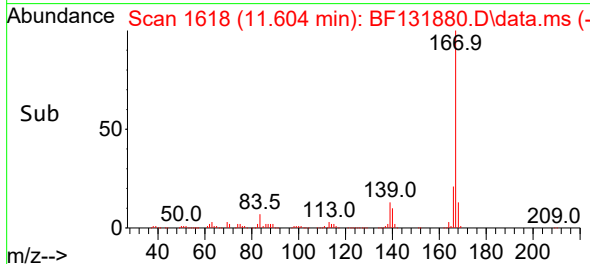
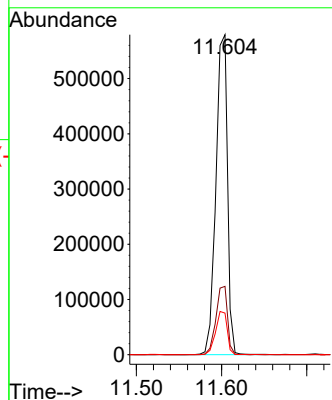
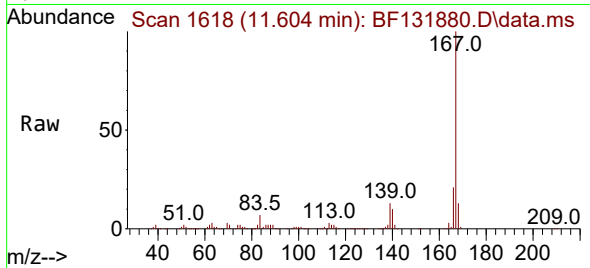




#73
 Carbazole
 Concen: 42.532 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: BF131880.D
 Acq: 29 Dec 2022 16:17

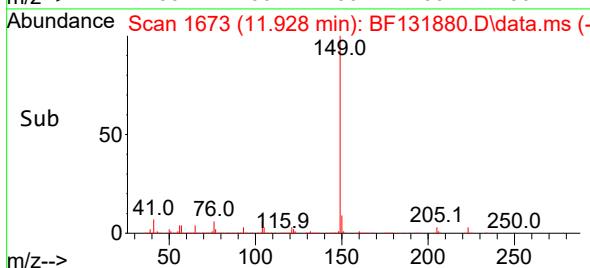
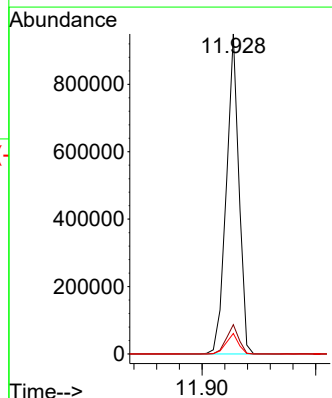
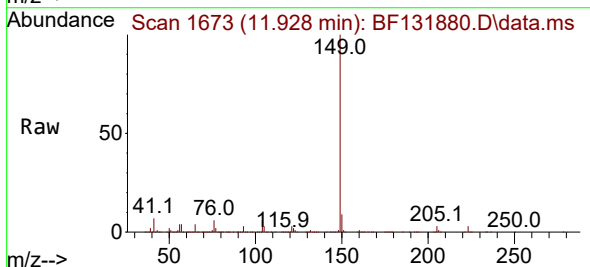
Instrument :
 BNA_F
 ClientSampleId :
 TP-3SMSD

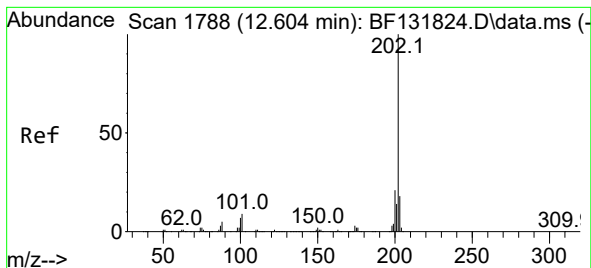
Tgt Ion:167 Resp: 547401
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.6 24.8
 139 13.0 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 46.944 ng
 RT: 11.928 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF131880.D
 Acq: 29 Dec 2022 16:17

Tgt Ion:149 Resp: 730297
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 6.4 5.1 7.7





#75

Fluoranthene

Concen: 37.905 ng

RT: 12.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

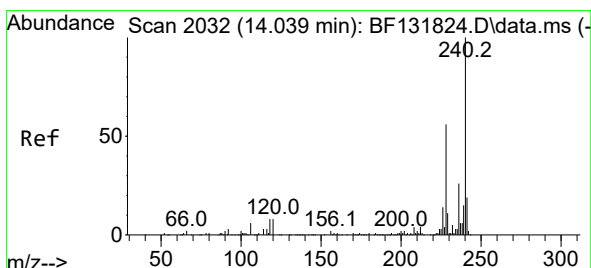
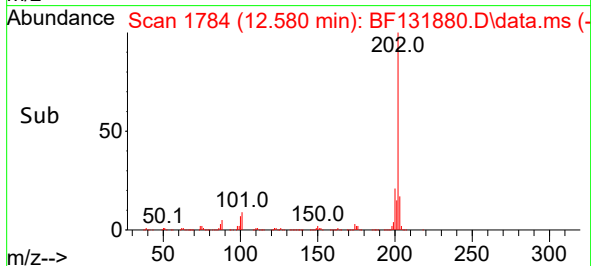
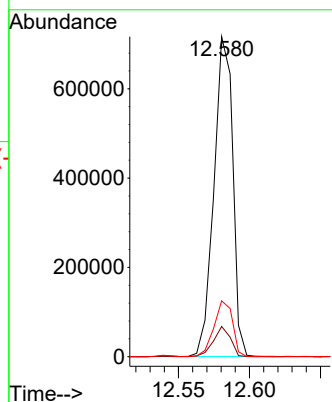
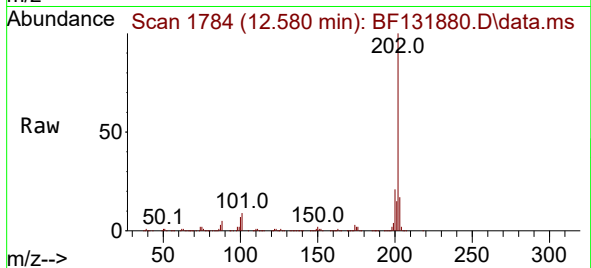
Tgt Ion:202 Resp: 657993

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.6

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

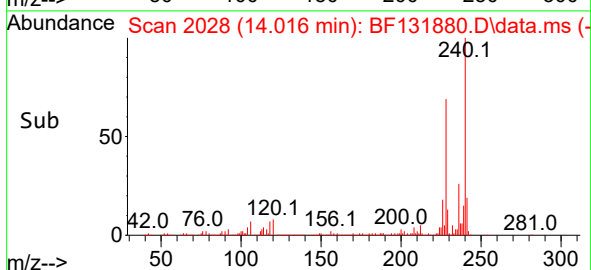
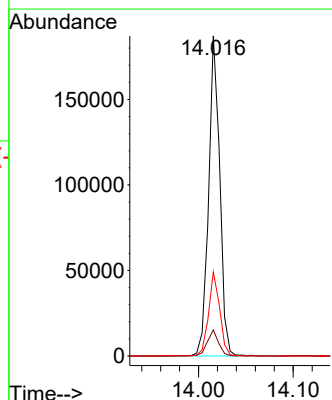
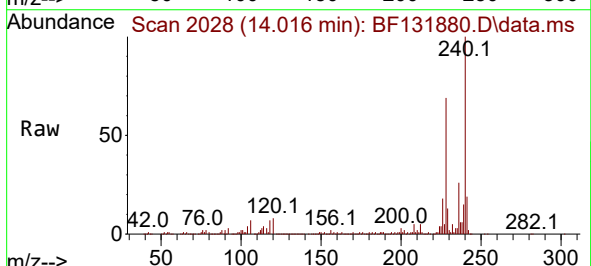
Tgt Ion:240 Resp: 151745

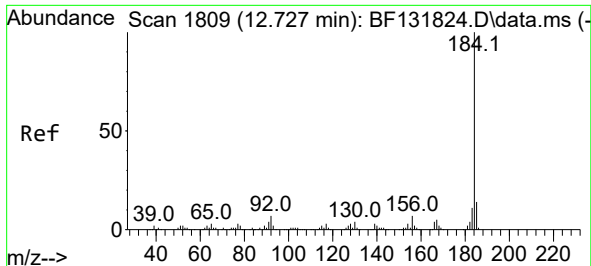
Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

236 26.2 20.6 31.0

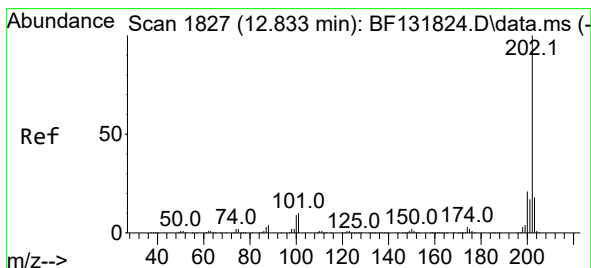
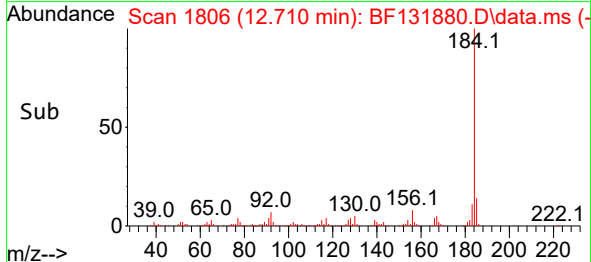
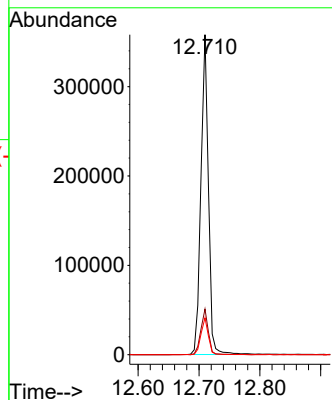
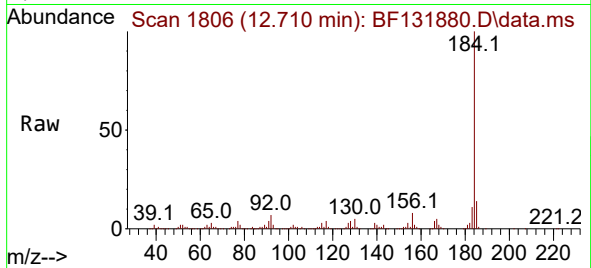




#77
Benzidine
Concen: 122.518 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

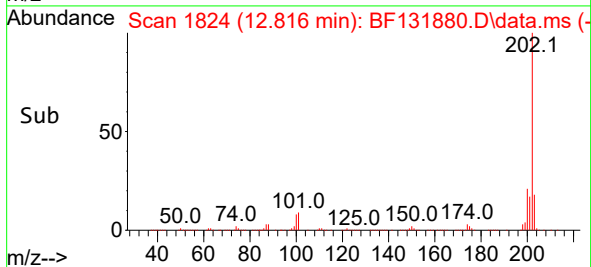
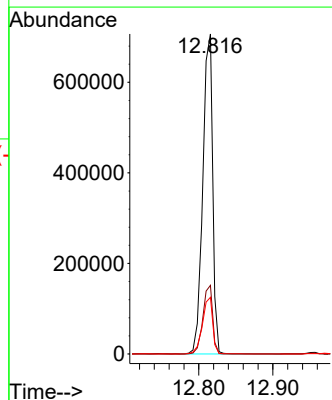
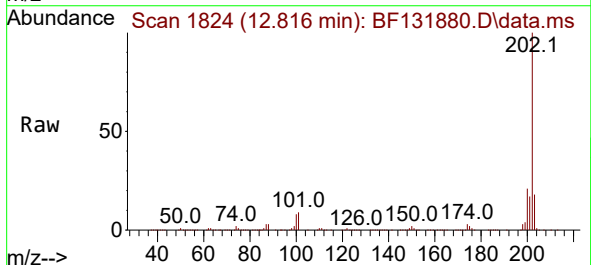
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

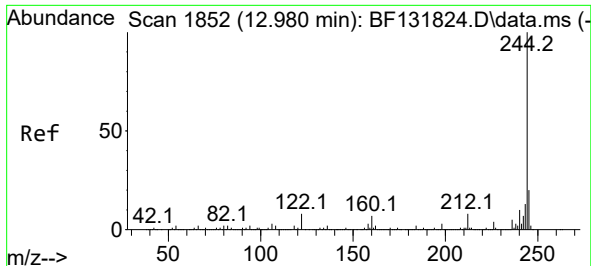
Tgt Ion:184 Resp: 305526
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.5 9.0 13.4



#78
Pyrene
Concen: 51.453 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

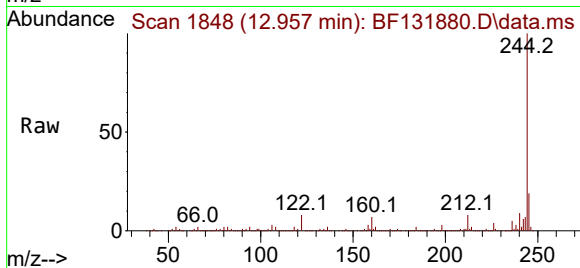
Tgt Ion:202 Resp: 654420
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.7 14.4 21.6



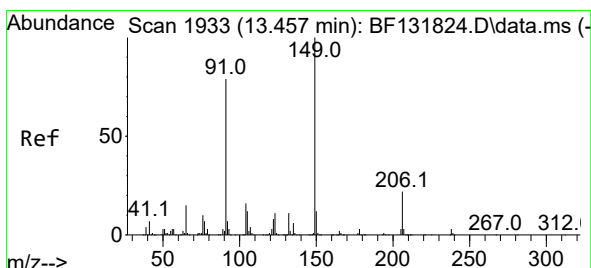
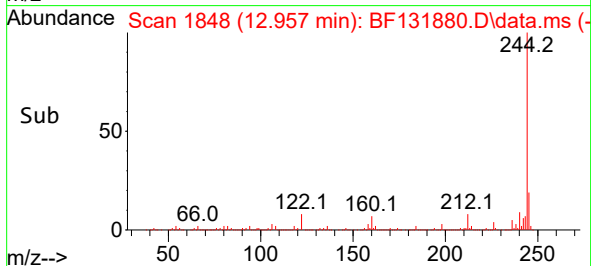
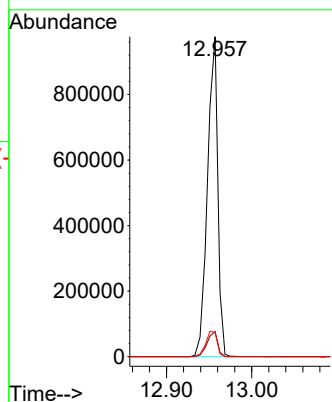


#79
 Terphenyl-d14
 Concen: 91.386 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131880.D
 Acq: 29 Dec 2022 16:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-3SMSD

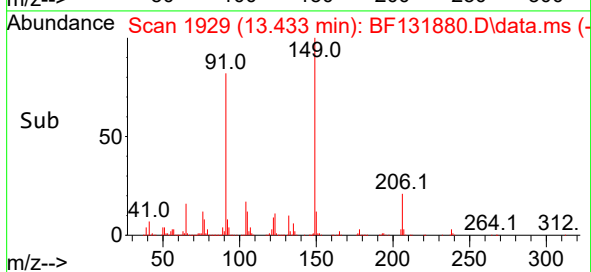
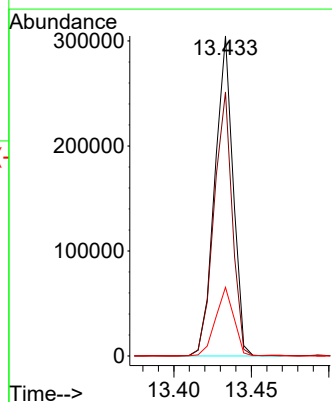
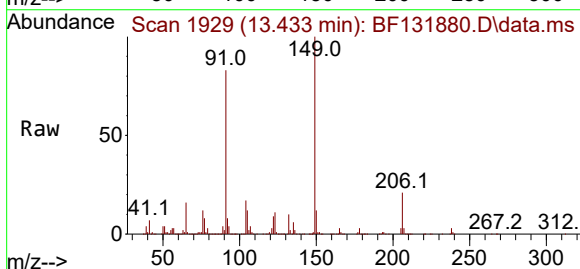


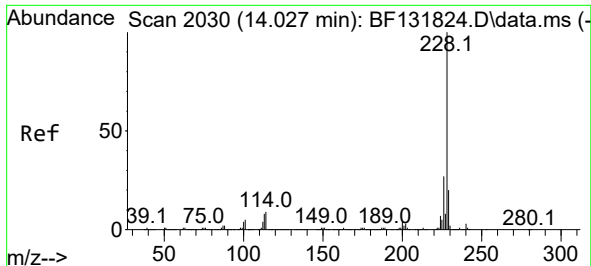
Tgt Ion:244 Resp: 819822
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.6 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 52.957 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF131880.D
 Acq: 29 Dec 2022 16:17

Tgt Ion:149 Resp: 249827
 Ion Ratio Lower Upper
 149 100
 91 82.5 63.2 94.8
 206 21.5 17.9 26.9

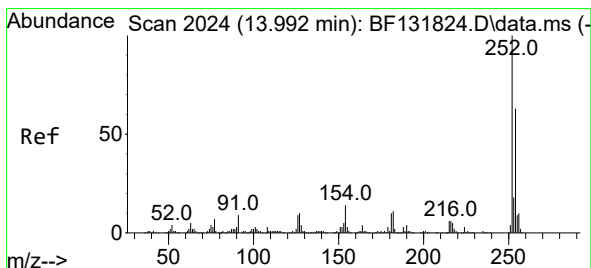
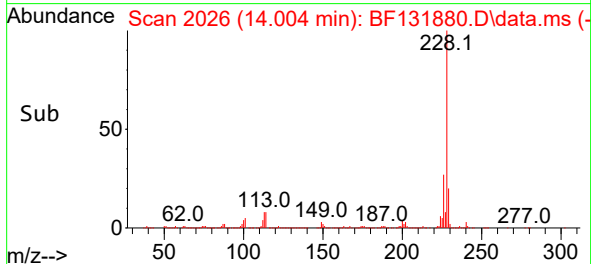
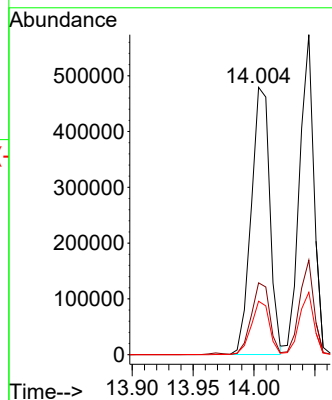
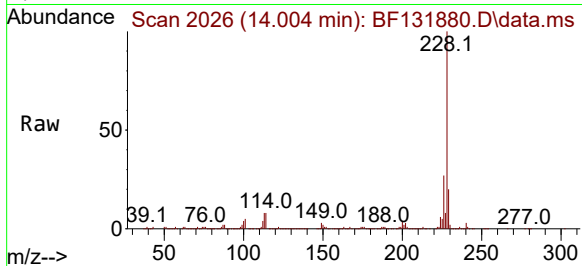




#81
Benzo(a)anthracene
Concen: 46.365 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

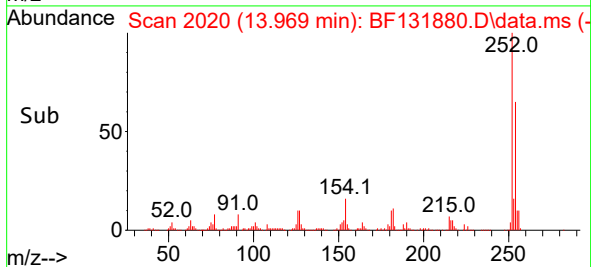
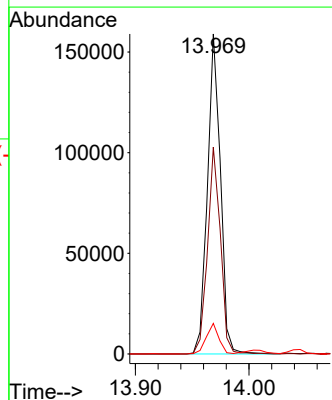
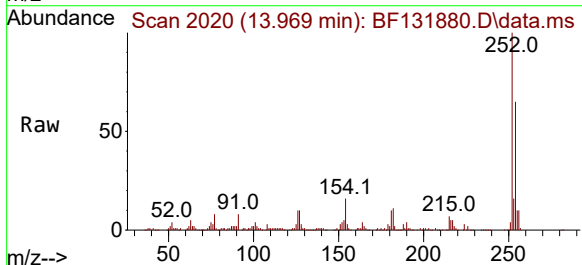
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

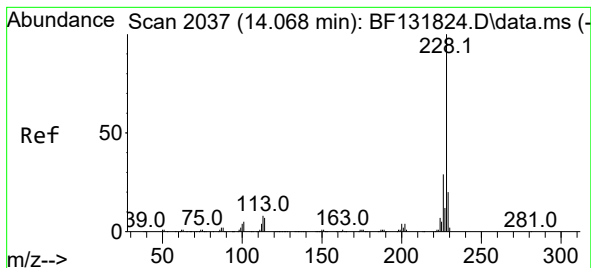
Tgt Ion:228 Resp: 509396
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 39.793 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:252 Resp: 126365
Ion Ratio Lower Upper
252 100
254 64.7 50.4 75.6
126 9.5 7.5 11.3





#83

Chrysene

Concen: 45.698 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

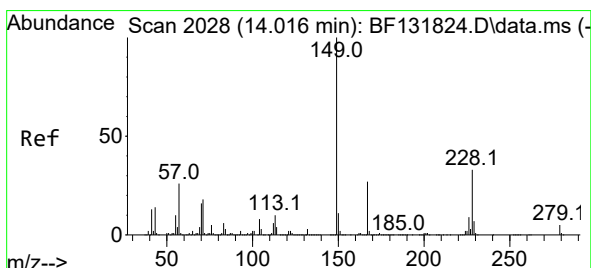
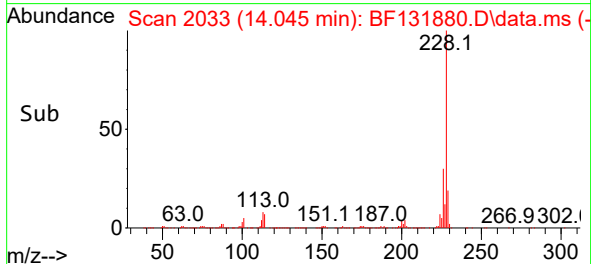
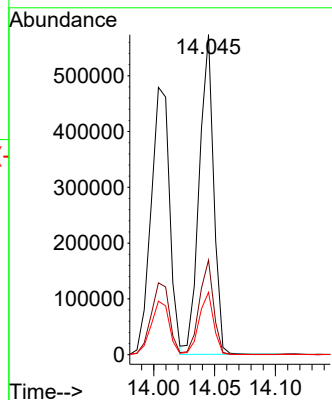
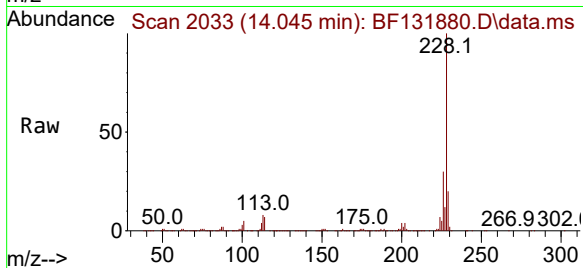
Tgt Ion:228 Resp: 471795

Ion Ratio Lower Upper

228 100

226 29.6 23.5 35.3

229 19.5 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.603 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

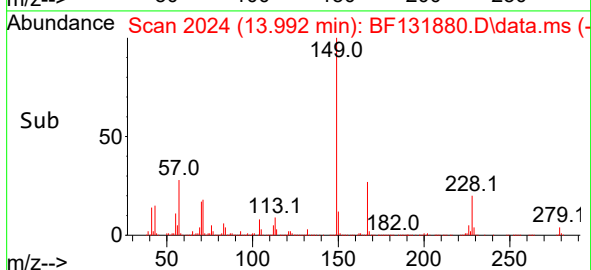
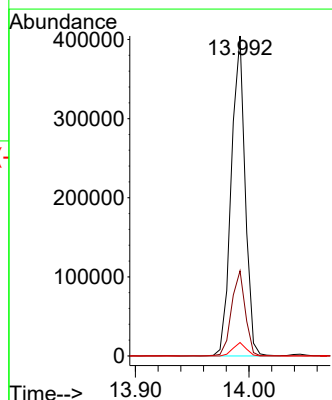
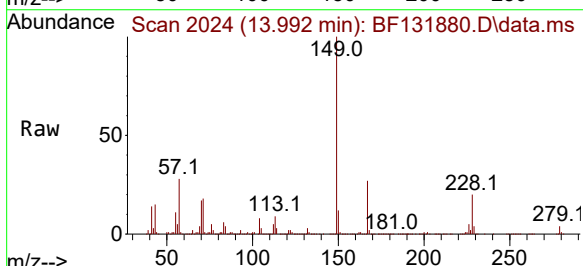
Tgt Ion:149 Resp: 342359

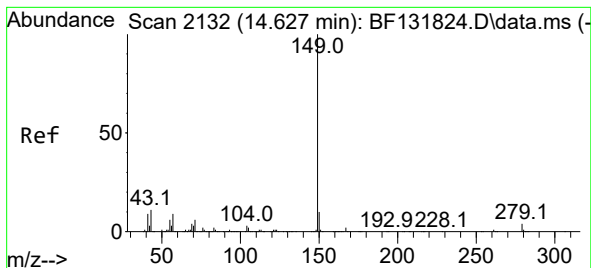
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.6

279 4.2 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 68.585 ng

RT: 14.610 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

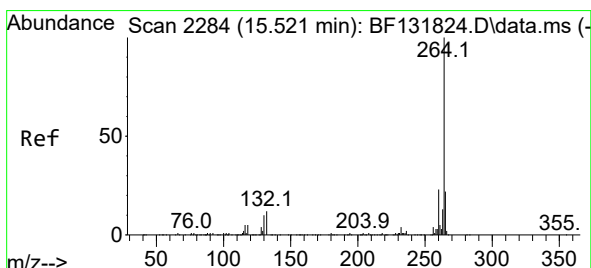
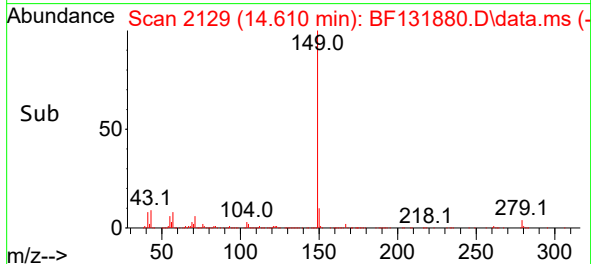
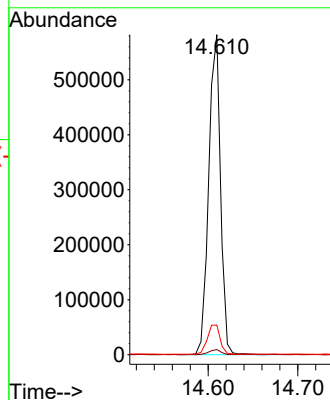
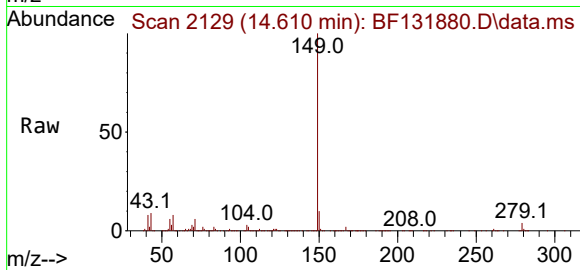
Tgt Ion:149 Resp: 530327

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.1 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

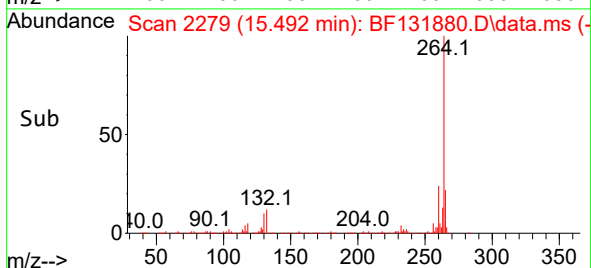
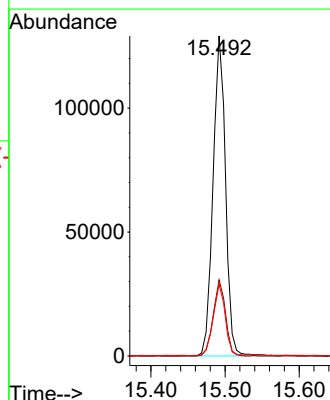
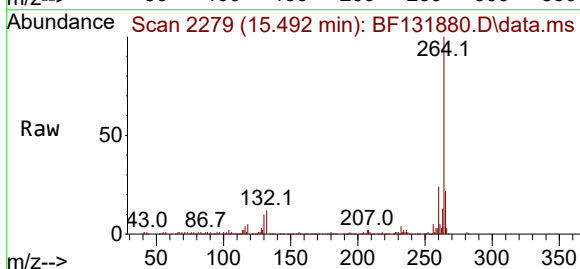
Tgt Ion:264 Resp: 150566

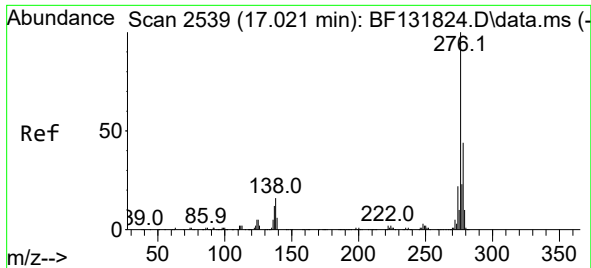
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.4 17.4 26.0

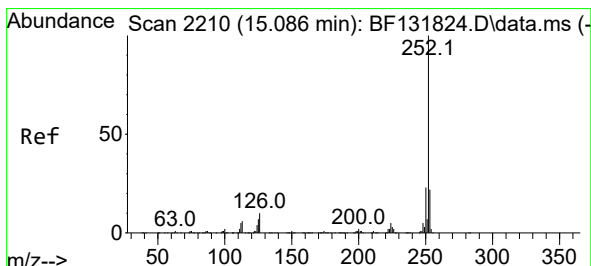
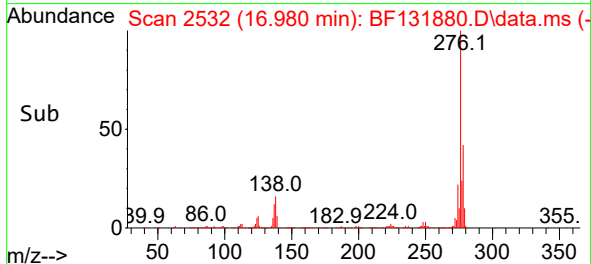
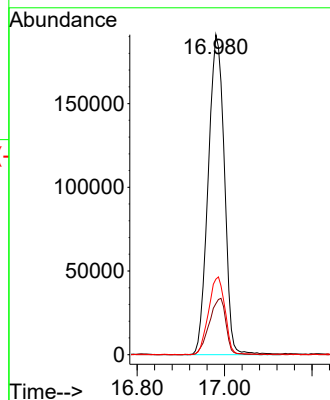
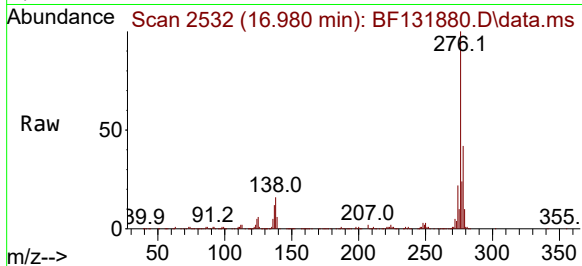




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.316 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

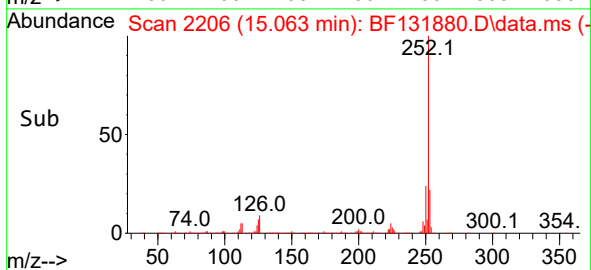
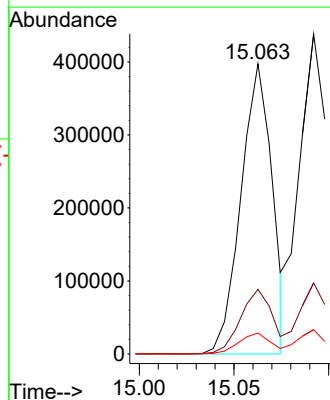
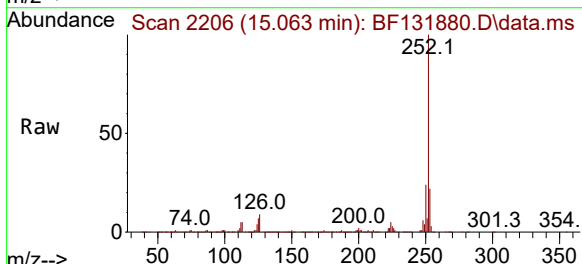
Instrument :
BNA_F
ClientSampleId :
TP-3SMSD

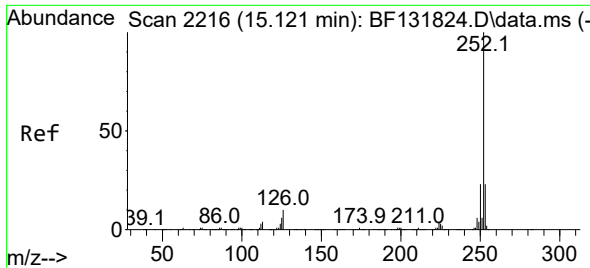
Tgt Ion:276 Resp: 490869
Ion Ratio Lower Upper
276 100
138 18.1 14.5 21.7
277 24.6 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 41.368 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF131880.D
Acq: 29 Dec 2022 16:17

Tgt Ion:252 Resp: 456706
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 7.2 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 42.284 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

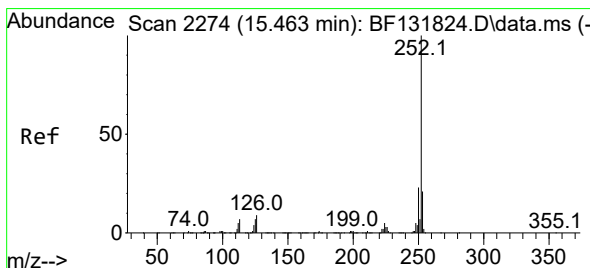
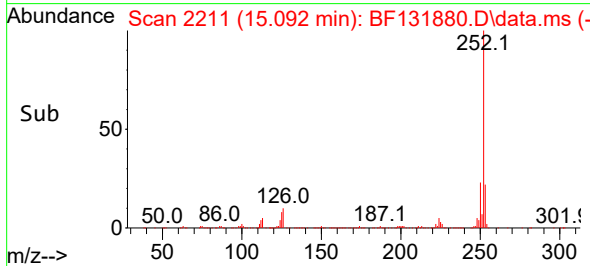
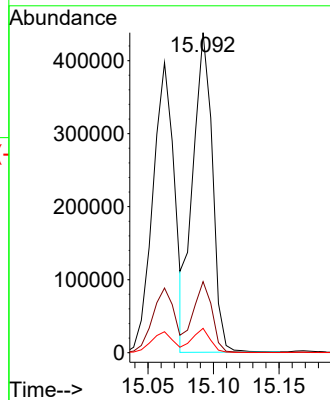
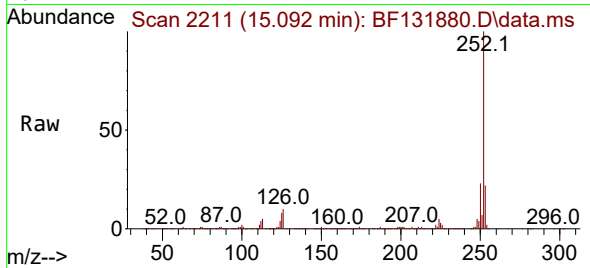
Tgt Ion:252 Resp: 451045

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 7.6 5.4 8.0



#90

Benzo(a)pyrene

Concen: 46.974 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

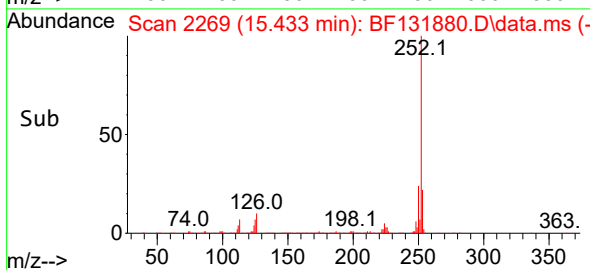
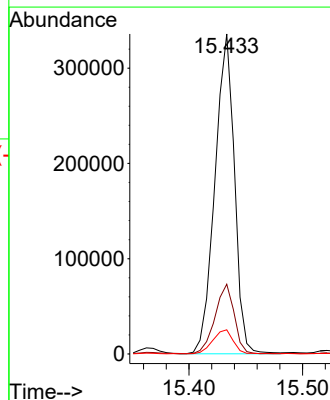
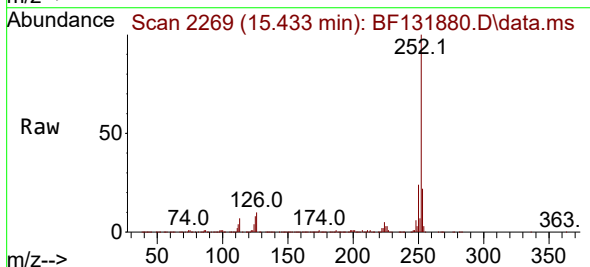
Tgt Ion:252 Resp: 401506

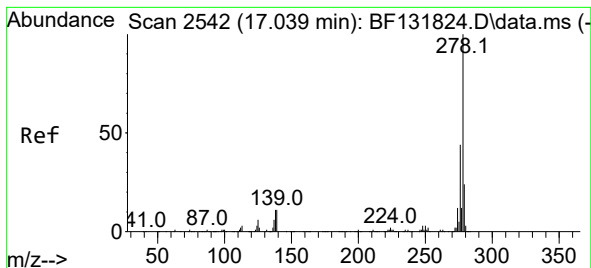
Ion Ratio Lower Upper

252 100

253 21.8 16.6 24.8

125 7.5 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 51.905 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TP-3SMSD

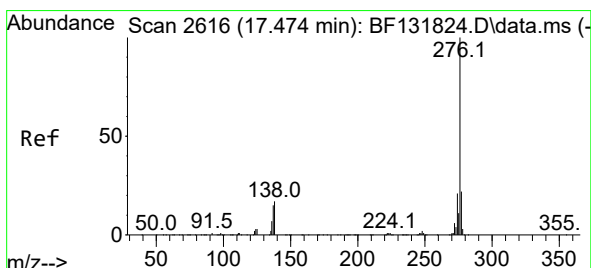
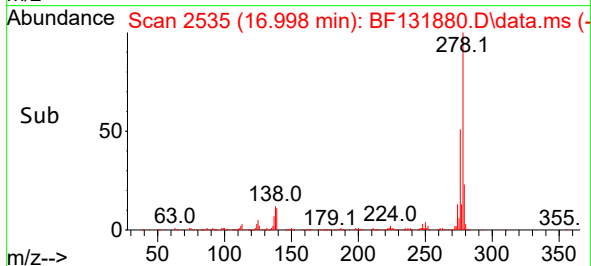
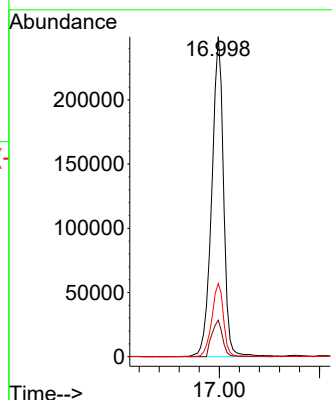
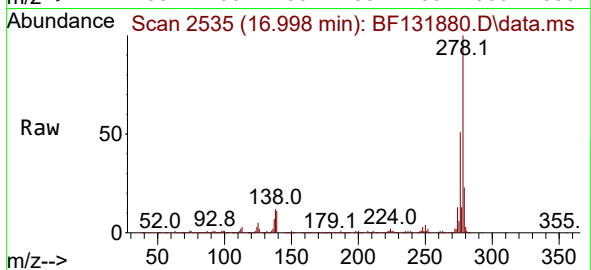
Tgt Ion:278 Resp: 406696

Ion Ratio Lower Upper

278 100

139 11.4 8.6 12.8

279 22.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.924 ng

RT: 17.433 min Scan# 2609

Delta R.T. 0.006 min

Lab File: BF131880.D

Acq: 29 Dec 2022 16:17

Tgt Ion:276 Resp: 392030

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 16.2 13.7 20.5

