

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131533.D
 Acq On : 06 Dec 2022 18:22
 Operator : CG\JU
 Sample : N5844-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-17MSD

Quant Time: Dec 07 03:23:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	99235	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	363116	20.000	ng	# 0.00
39) Acenaphthene-d10	9.980	164	207462	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	408261	20.000	ng	0.00
76) Chrysene-d12	14.127	240	221352	20.000	ng	0.00
86) Perylene-d12	15.645	264	199744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	740062	127.353	ng	0.04
7) Phenol-d6	6.557	99	806420	111.129	ng	0.01
23) Nitrobenzene-d5	7.498	82	592520	74.892	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	434068	183.753	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1428917	90.356	ng	0.00
79) Terphenyl-d14	13.068	244	1744012	118.985	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.404	88	8523	3.426	ng	# 48
3) Pyridine	3.669	79	205791	29.636	ng	96
4) n-Nitrosodimethylamine	3.622	42	120357	33.822	ng	# 87
6) Aniline	6.586	93	82435	9.202	ng	98
8) 2-Chlorophenol	6.710	128	300194	48.375	ng	86
9) Benzaldehyde	6.475	77	85071	18.367	ng	83
10) Phenol	6.569	94	300872	36.652	ng	95
11) bis(2-Chloroethyl)ether	6.663	93	259922	42.870	ng	92
12) 1,3-Dichlorobenzene	6.863	146	343015	47.357	ng	95
13) 1,4-Dichlorobenzene	6.939	146	341393	46.118	ng	97
14) 1,2-Dichlorobenzene	7.092	146	331793	48.105	ng	99
15) Benzyl Alcohol	7.069	79	210784	34.728	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.198	45	235738	39.666	ng	88
17) 2-Methylphenol	7.181	107	248563	47.954	ng	93
18) Hexachloroethane	7.439	117	124773	45.368	ng	92
19) n-Nitroso-di-n-propyla...	7.345	70	190365	38.761	ng	# 92
20) 3+4-Methylphenols	7.333	107	297293	42.412	ng	# 87
22) Acetophenone	7.339	105	442458	44.904	ng	# 98
24) Nitrobenzene	7.516	77	302793	37.931	ng	# 84
25) Isophorone	7.751	82	537371	43.664	ng	# 91
26) 2-Nitrophenol	7.828	139	162026	55.436	ng	# 88
27) 2,4-Dimethylphenol	7.863	122	266850	55.608	ng	93
28) bis(2-Chloroethoxy)met...	7.957	93	328281	48.116	ng	99
29) 2,4-Dichlorophenol	8.069	162	279379	50.264	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	325391	46.851	ng	100
31) Naphthalene	8.233	128	890902	44.380	ng	100
32) Benzoic acid	7.969	122	108173	37.379	ng	91
33) 4-Chloroaniline	8.280	127	23828	3.169	ng	95
34) Hexachlorobutadiene	8.345	225	230652	46.497	ng	100
35) Caprolactam	8.663	113	34900	22.368	ng	# 84
36) 4-Chloro-3-methylphenol	8.769	107	269938	45.431	ng	92
37) 2-Methylnaphthalene	8.927	142	623669	46.427	ng	100
38) 1-Methylnaphthalene	9.027	142	586876	45.465	ng	98
40) 1,2,4,5-Tetrachloroben...	9.092	216	373328	48.713	ng	99
41) Hexachlorocyclopentadiene	9.080	237	424830	123.058	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	229015	49.425	ng	98

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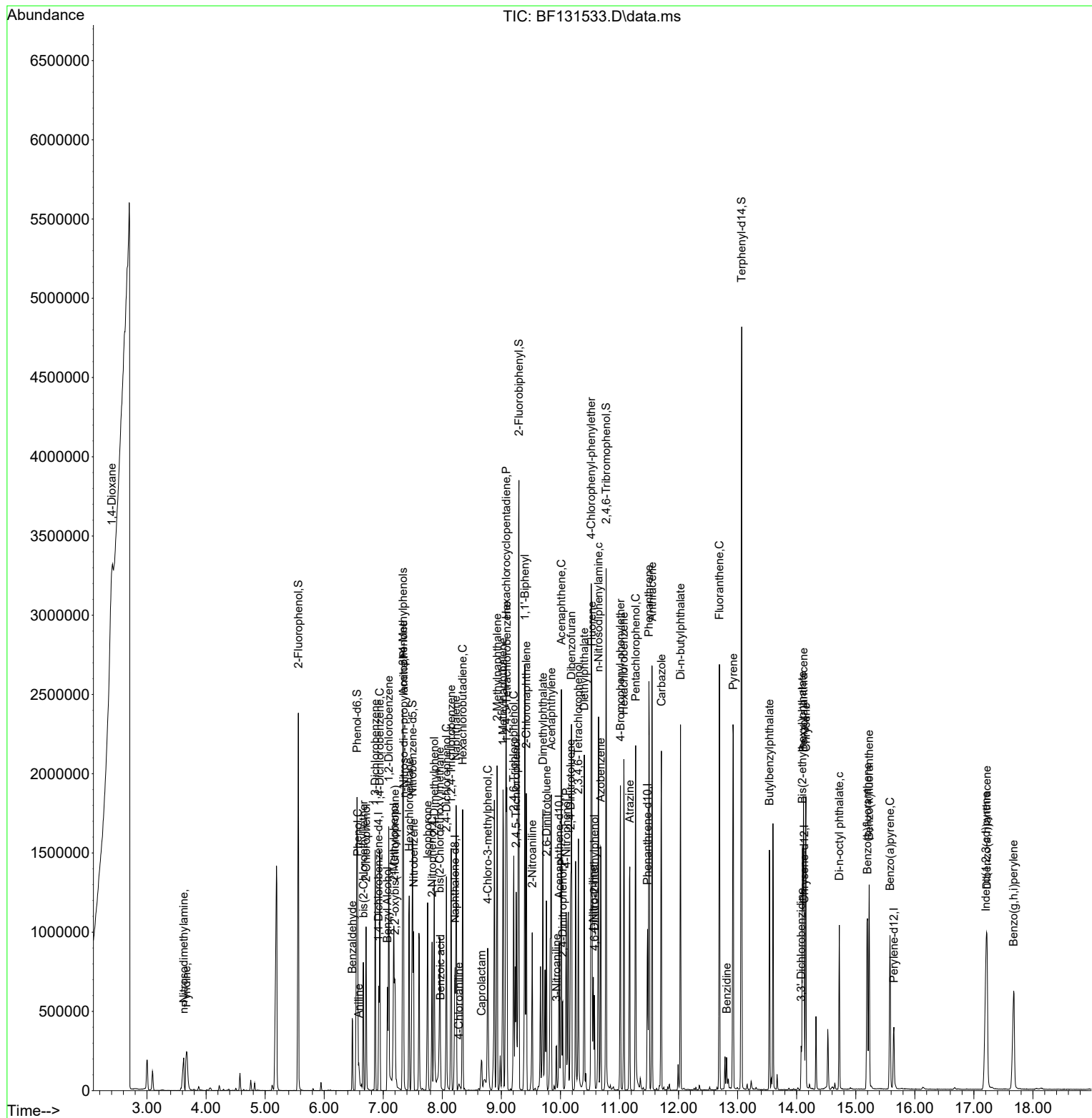
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	248259	50.239	ng	96
46) 1,1'-Biphenyl	9.398	154	790772	48.339	ng	99
47) 2-Chloronaphthalene	9.422	162	621610	46.517	ng	99
48) 2-Nitroaniline	9.522	65	145646	37.721	ng	91
49) Acenaphthylene	9.845	152	929207	46.550	ng	99
50) Dimethylphthalate	9.704	163	739764	49.335	ng	100
51) 2,6-Dinitrotoluene	9.763	165	161121	50.288	ng	91
52) Acenaphthene	10.016	154	619943	47.870	ng	99
53) 3-Nitroaniline	9.933	138	48094	14.341	ng	79
54) 2,4-Dinitrophenol	10.039	184	85277	53.046	ng	# 80
55) Dibenzofuran	10.186	168	894467	47.311	ng	100
56) 4-Nitrophenol	10.098	139	202648	86.591	ng	88
57) 2,4-Dinitrotoluene	10.174	165	220247	52.391	ng	# 70
58) Fluorene	10.533	166	731745	46.903	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.304	232	216549	51.661	ng	95
60) Diethylphthalate	10.404	149	719184	48.645	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	397272	49.226	ng	98
62) 4-Nitroaniline	10.557	138	135212	40.437	ng	88
63) Azobenzene	10.680	77	556974	38.205	ng	94
65) 4,6-Dinitro-2-methylph...	10.574	198	84423	37.686	ng	99
66) n-Nitrosodiphenylamine	10.645	169	596487	46.553	ng	100
67) 4-Bromophenyl-phenylether	11.016	248	265296	51.938	ng	99
68) Hexachlorobenzene	11.074	284	300052	53.005	ng	96
69) Atrazine	11.174	200	217088	57.298	ng	98
70) Pentachlorophenol	11.274	266	288220	95.089	ng	97
71) Phenanthrene	11.498	178	1038123	45.761	ng	99
72) Anthracene	11.551	178	1050739	47.111	ng	100
73) Carbazole	11.710	167	870348	46.355	ng	99
74) Di-n-butylphthalate	12.033	149	1062572	50.688	ng	99
75) Fluoranthene	12.692	202	1090847	43.691	ng	98
77) Benzidine	12.815	184	80700	23.230	ng	99
78) Pyrene	12.927	202	1074483	54.196	ng	99
80) Butylbenzylphthalate	13.539	149	353422	66.087	ng	88
81) Benzo(a)anthracene	14.115	228	744048	49.222	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	61581	15.043	ng	97
83) Chrysene	14.157	228	705393	48.540	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	400585	67.029	ng	99
85) Di-n-octyl phthalate	14.721	149	504636	56.947	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.203	276	770311	49.428	ng	98
88) Benzo(b)fluoranthene	15.198	252	606273	46.726	ng	99
89) Benzo(k)fluoranthene	15.227	252	600596	42.642	ng	100
90) Benzo(a)pyrene	15.580	252	536121	49.791	ng	99
91) Dibenzo(a,h)anthracene	17.221	278	652940	51.275	ng	99
92) Benzo(g,h,i)perylene	17.674	276	644103	55.220	ng	98

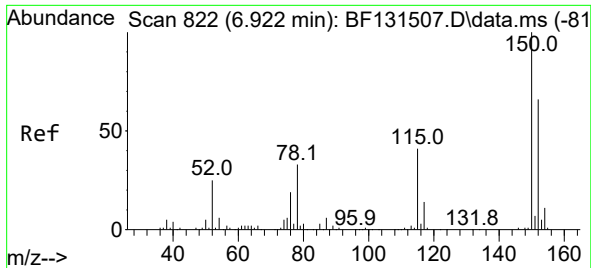
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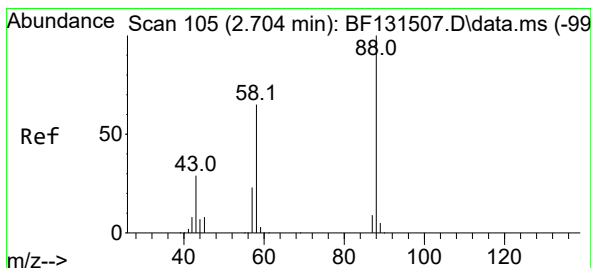
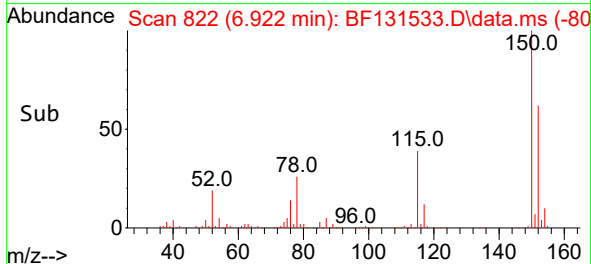
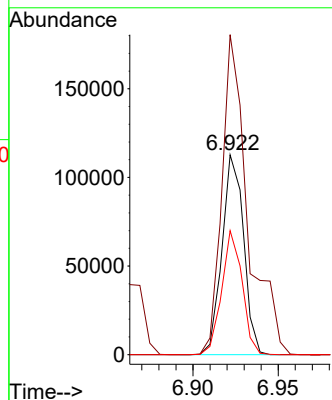
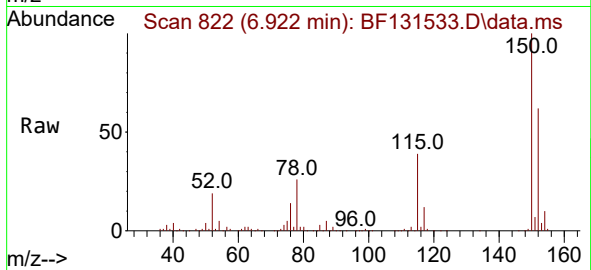




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131533.D
 Acq: 06 Dec 2022 18:22

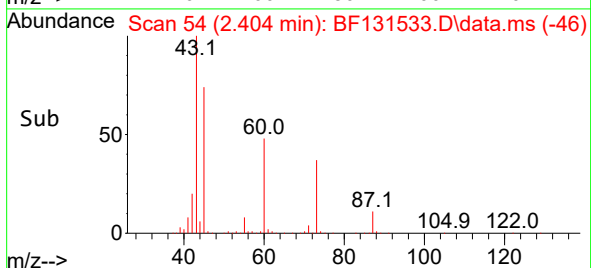
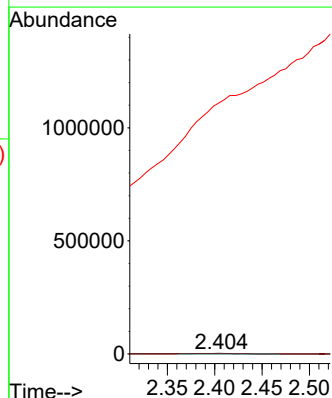
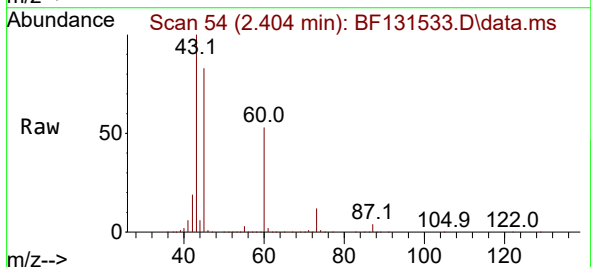
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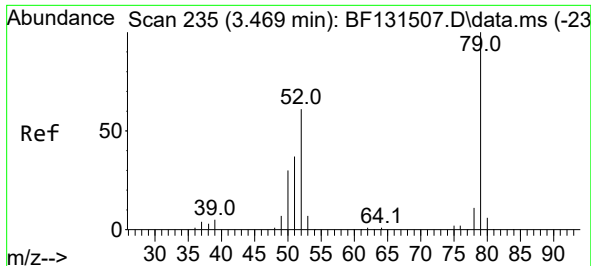
Tgt Ion:152 Resp: 99235
 Ion Ratio Lower Upper
 152 100
 150 160.1 121.9 182.9
 115 62.1 50.4 75.6



#2
 1,4-Dioxane
 Concen: 3.426 ng
 RT: 2.404 min Scan# 54
 Delta R.T. -0.300 min
 Lab File: BF131533.D
 Acq: 06 Dec 2022 18:22

Tgt Ion: 88 Resp: 8523
 Ion Ratio Lower Upper
 88 100
 58 26.3 52.9 79.3#
 43 0.0 23.8 35.6#

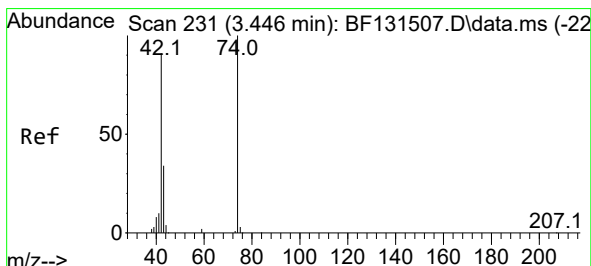
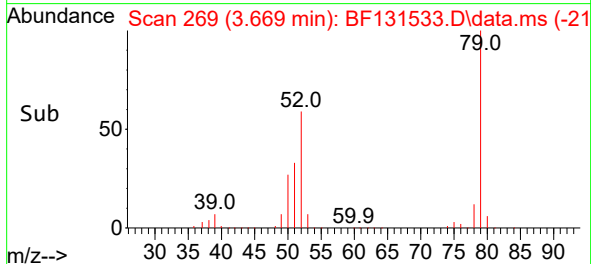
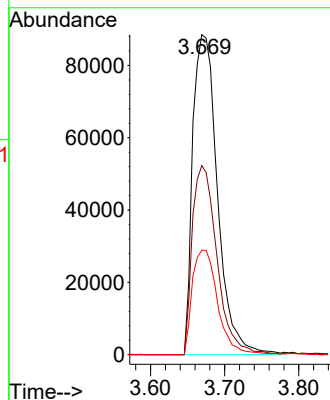
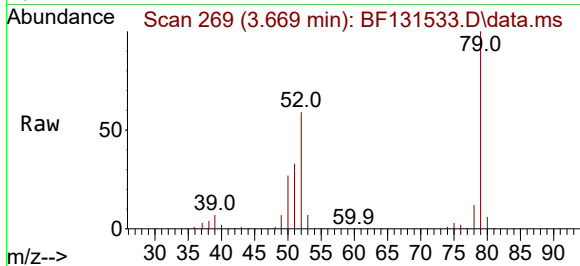




#3
Pyridine
Concen: 29.636 ng
RT: 3.669 min Scan# 205791
Delta R.T. 0.200 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

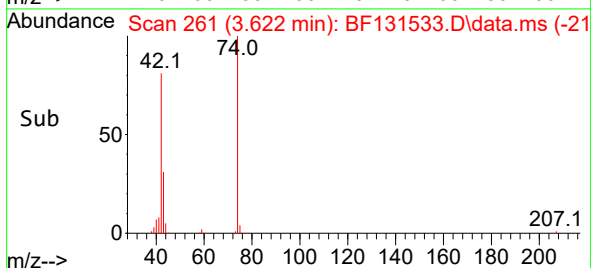
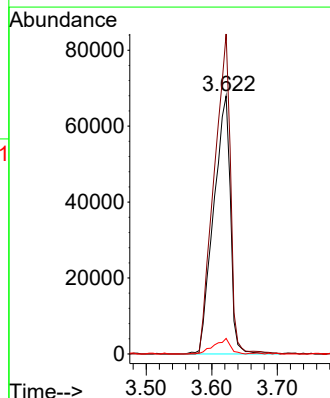
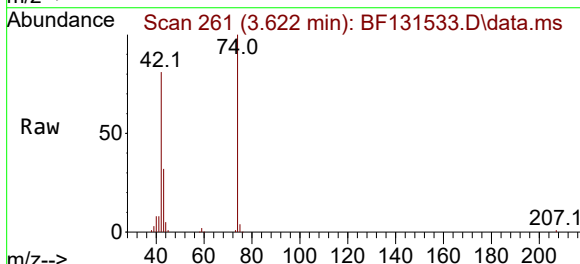
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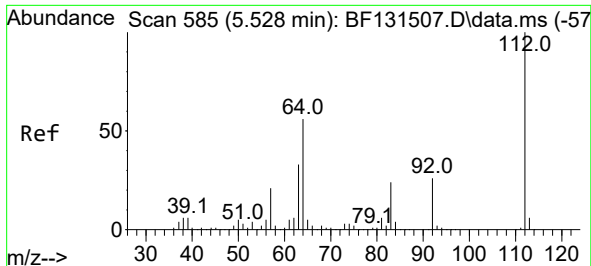
Tgt Ion: 79 Resp: 205791
Ion Ratio Lower Upper
79 100
52 59.1 48.5 72.7
51 32.7 29.4 44.0



#4
n-Nitrosodimethylamine
Concen: 33.822 ng
RT: 3.622 min Scan# 261
Delta R.T. 0.176 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 42 Resp: 120357
Ion Ratio Lower Upper
42 100
74 124.0 88.1 132.1
44 6.0 3.7 5.5

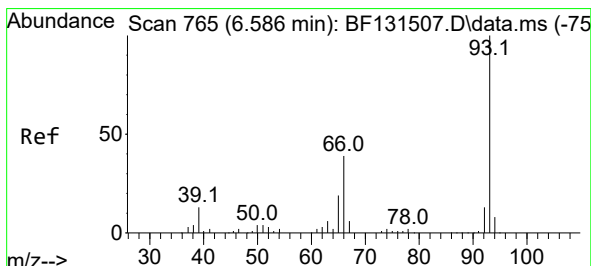
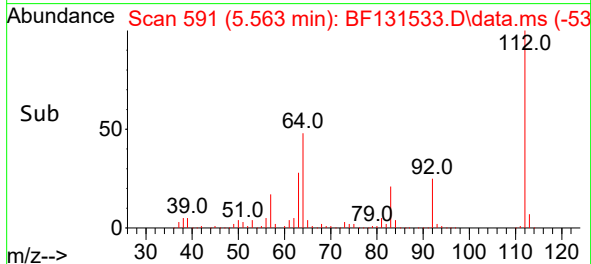
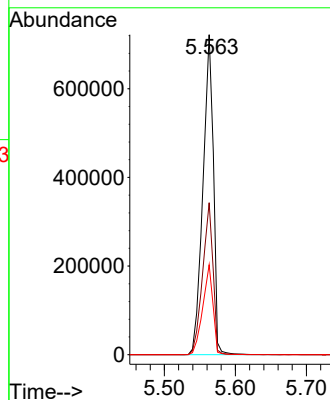
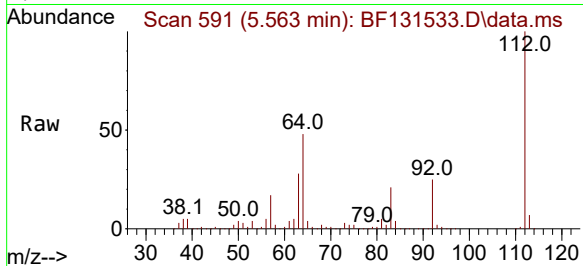




#5
2-Fluorophenol
Concen: 127.353 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.035 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

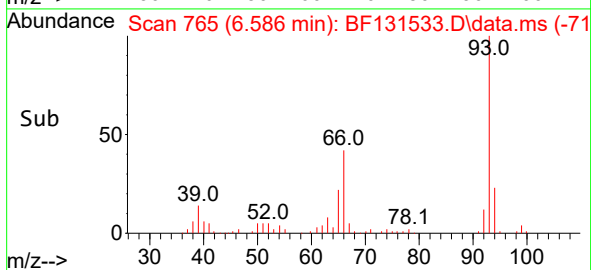
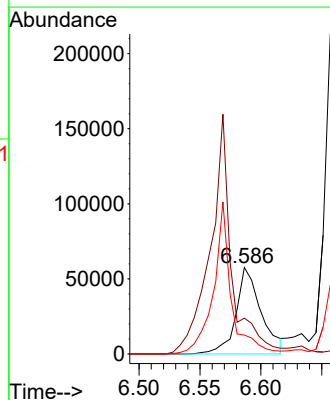
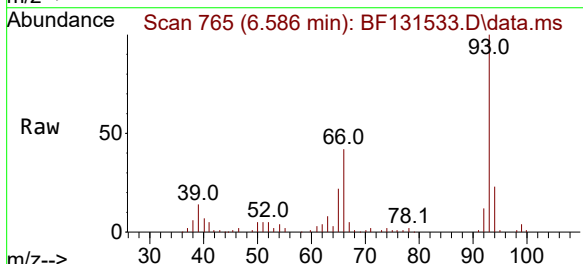
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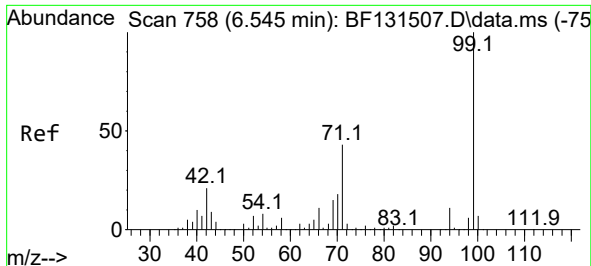
Tgt Ion:112 Resp: 740062
Ion Ratio Lower Upper
112 100
64 47.5 44.5 66.7
63 28.1 26.7 40.1



#6
Aniline
Concen: 9.202 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 93 Resp: 82435
Ion Ratio Lower Upper
93 100
66 41.5 32.6 49.0
65 21.9 15.8 23.8

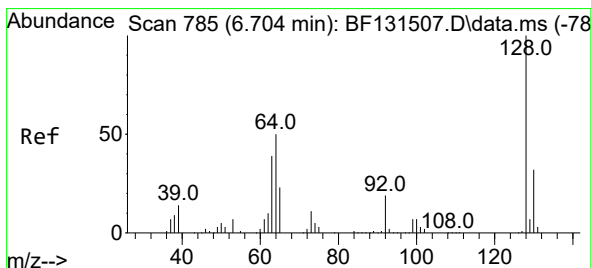
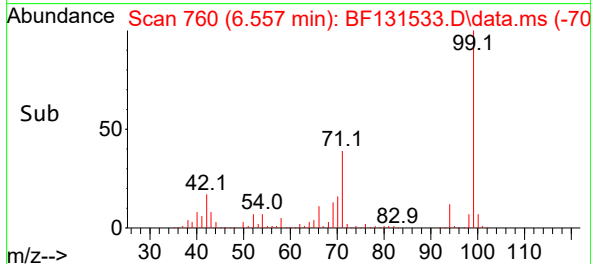
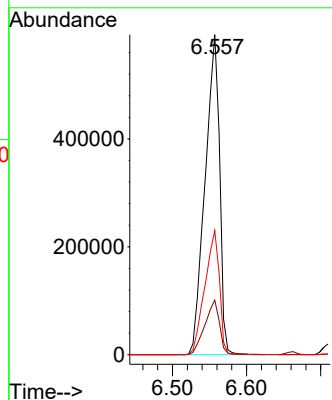
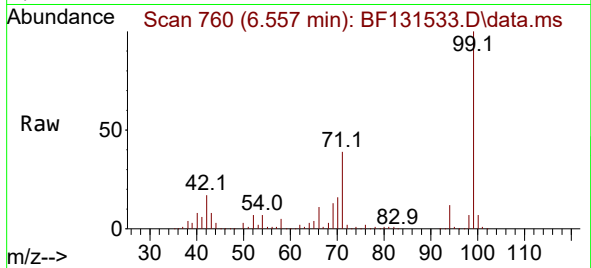




#7
Phenol-d6
Concen: 111.129 ng
RT: 6.557 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

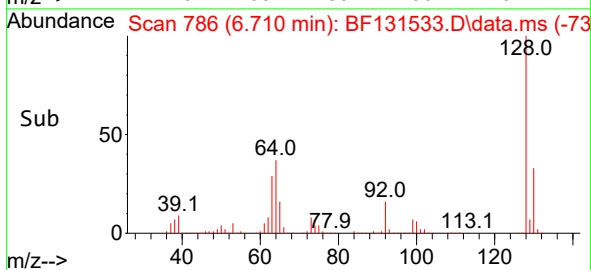
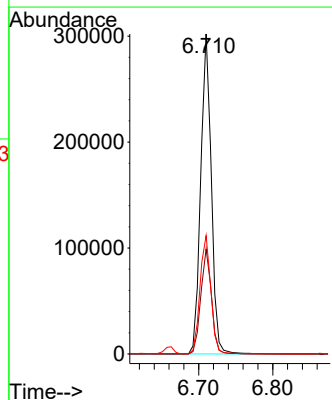
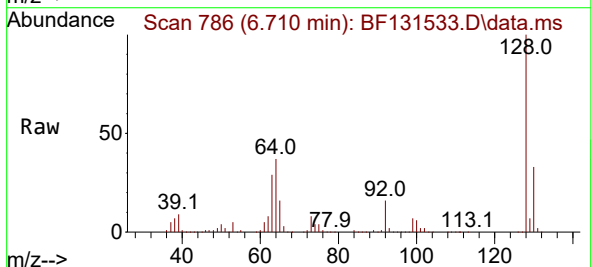
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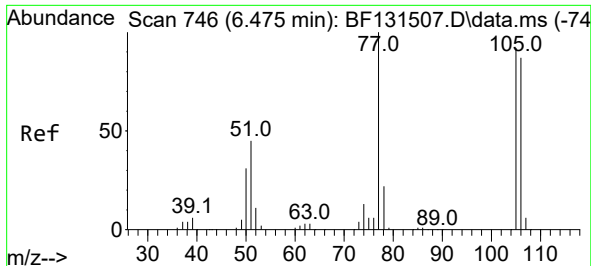
Tgt Ion: 99 Resp: 806420
Ion Ratio Lower Upper
99 100
42 17.1 16.6 25.0
71 38.8 34.4 51.6



#8
2-Chlorophenol
Concen: 48.375 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 128 Resp: 300194
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 37.0 31.7 71.7

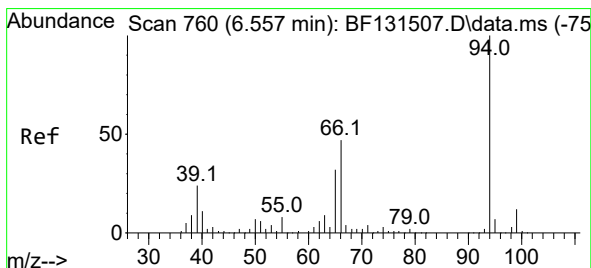
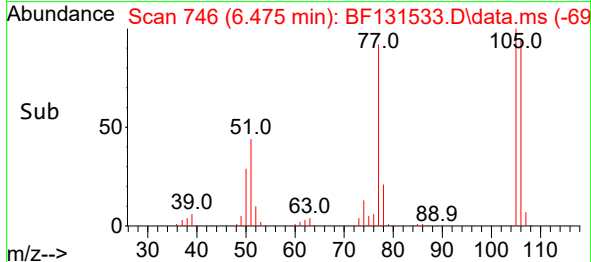
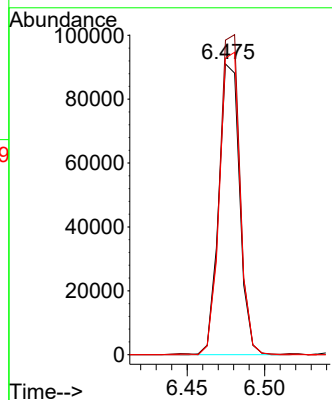
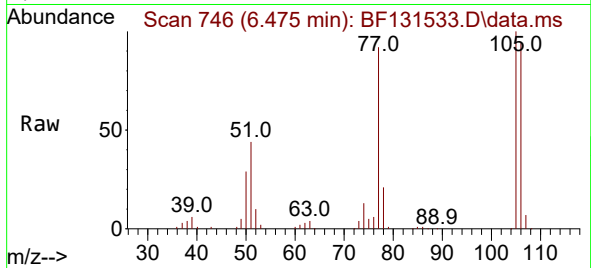




#9
Benzaldehyde
Concen: 18.367 ng
RT: 6.475 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF131533.D
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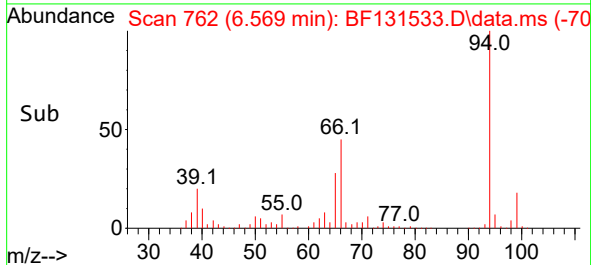
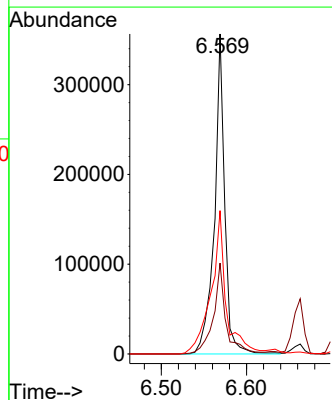
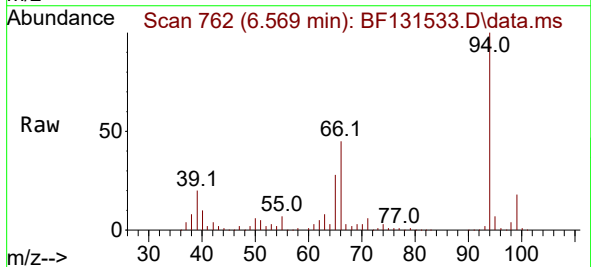
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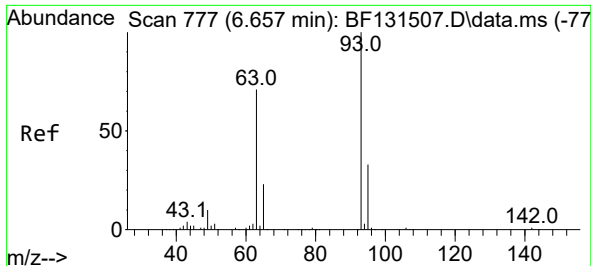
Tgt Ion: 77	Resp: 85071
Ion Ratio	Lower Upper
77	100
105	108.2 71.9 111.9
106	102.0 67.2 107.2



#10
Phenol
Concen: 36.652 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.012 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 94	Resp: 300872
Ion Ratio	Lower Upper
94	100
65	28.4 12.1 52.1
66	44.8 27.1 67.1





#11

bis(2-Chloroethyl)ether

Concen: 42.870 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.006 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

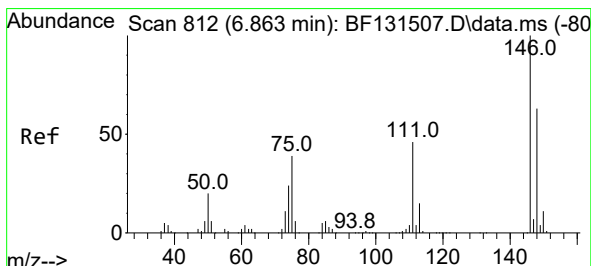
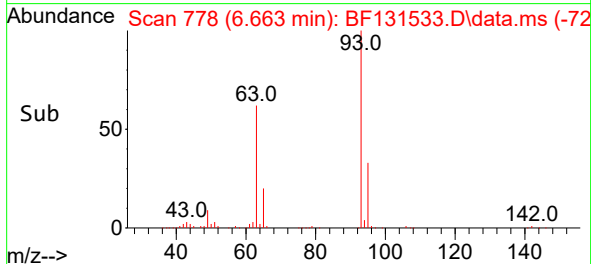
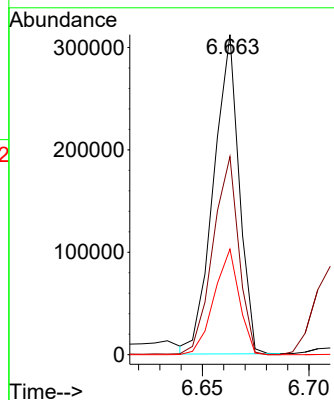
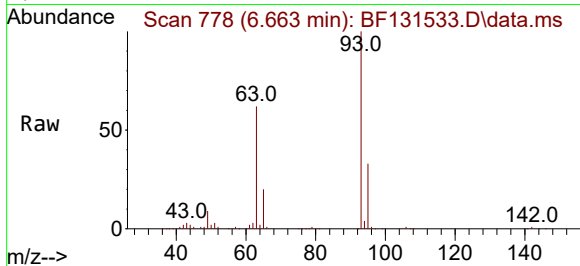
Tgt Ion: 93 Resp: 259922

Ion Ratio Lower Upper

93 100

63 61.9 51.2 91.2

95 33.0 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 47.357 ng

RT: 6.863 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

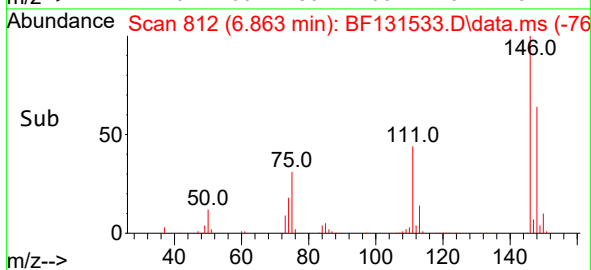
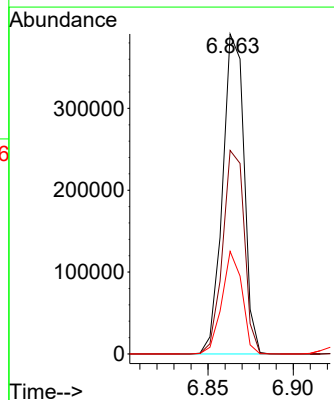
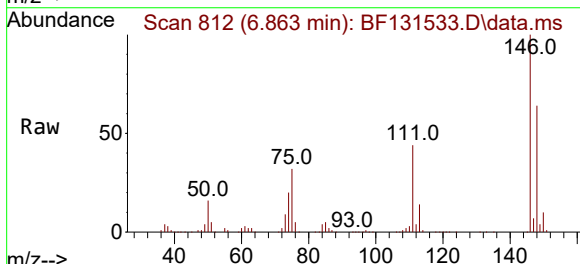
Tgt Ion:146 Resp: 343015

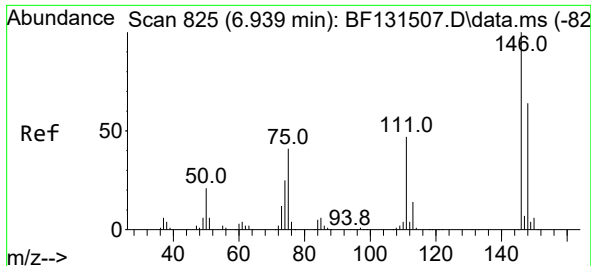
Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.4

75 32.0 31.4 47.2





#13

1,4-Dichlorobenzene

Concen: 46.118 ng

RT: 6.939 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

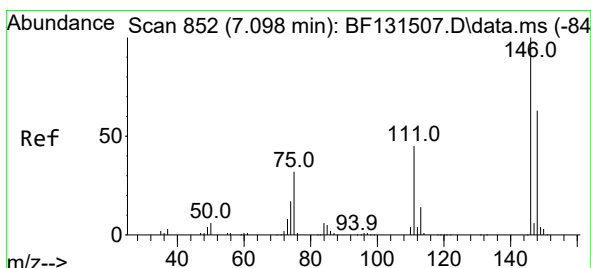
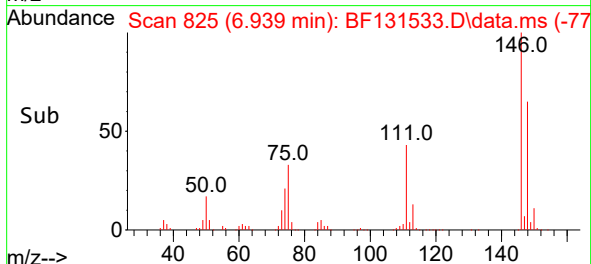
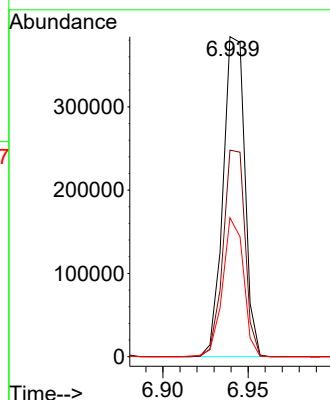
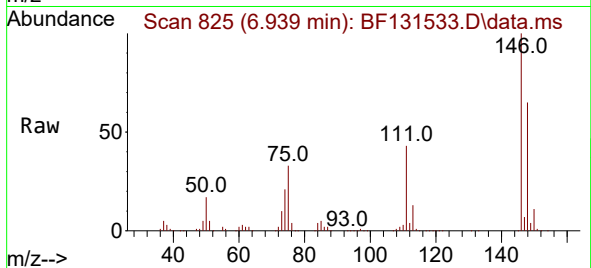
Tgt Ion:146 Resp: 341393

Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

111 43.4 37.6 56.4



#14

1,2-Dichlorobenzene

Concen: 48.105 ng

RT: 7.092 min Scan# 851

Delta R.T. -0.006 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

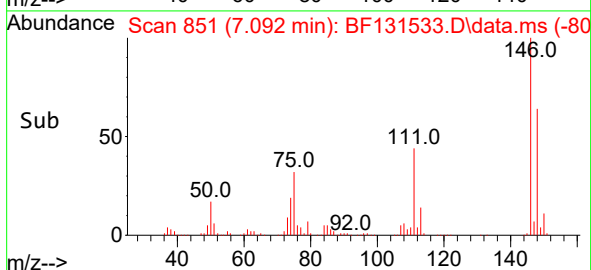
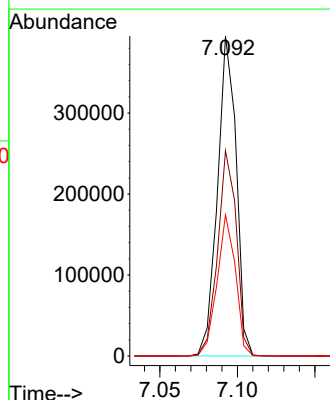
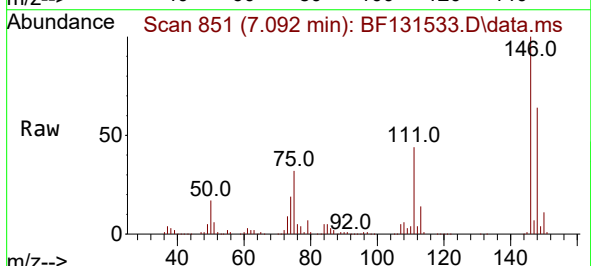
Tgt Ion:146 Resp: 331793

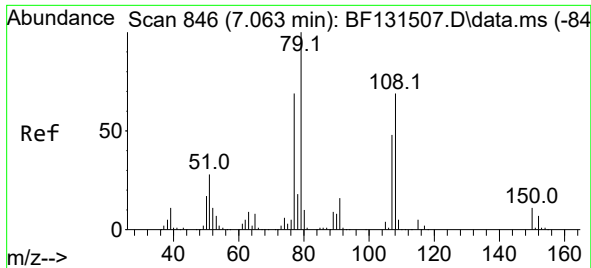
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 44.1 36.1 54.1

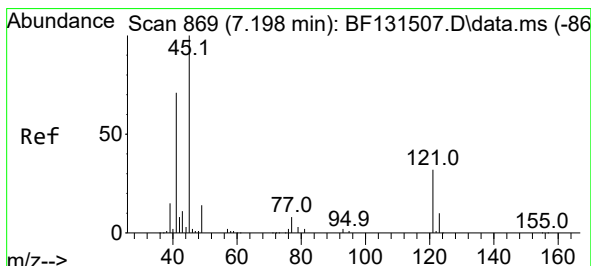
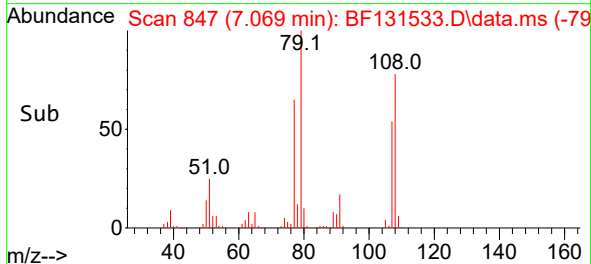
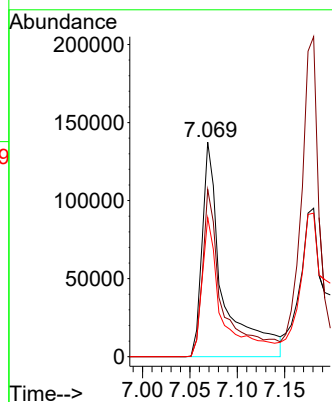
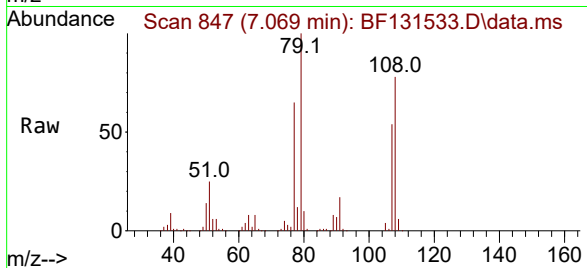




#15
Benzyl Alcohol
Concen: 34.728 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

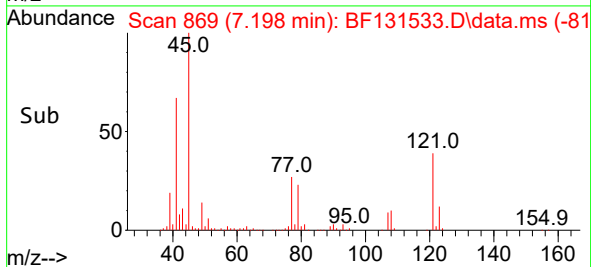
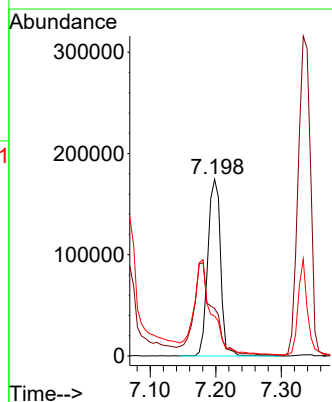
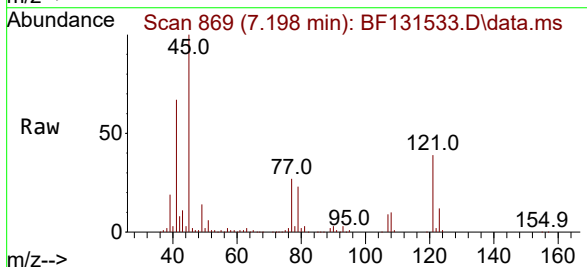
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

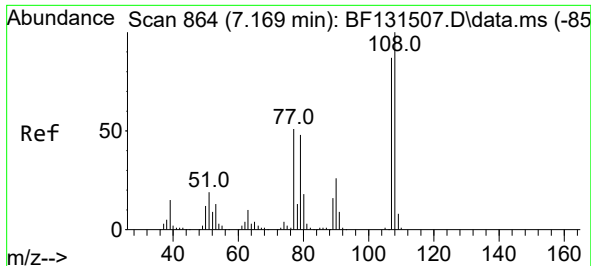
Tgt Ion: 79 Resp: 210784
Ion Ratio Lower Upper
79 100
108 78.0 55.1 82.7
77 64.8 55.4 83.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.666 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 45 Resp: 235738
Ion Ratio Lower Upper
45 100
77 26.9 1.8 41.8
79 22.7 0.0 36.4





#17

2-Methylphenol

Concen: 47.954 ng

RT: 7.181 min Scan# 8

Delta R.T. 0.012 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

Tgt Ion:107 Resp: 248563

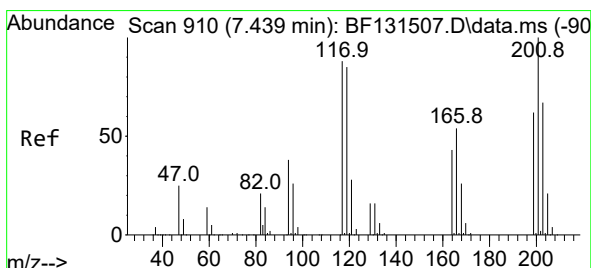
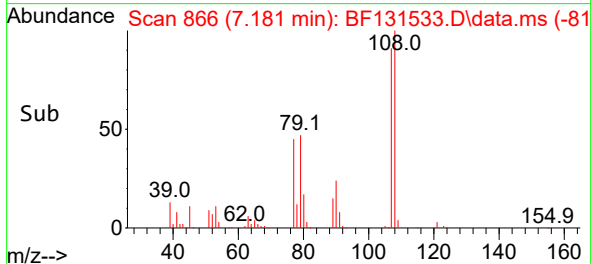
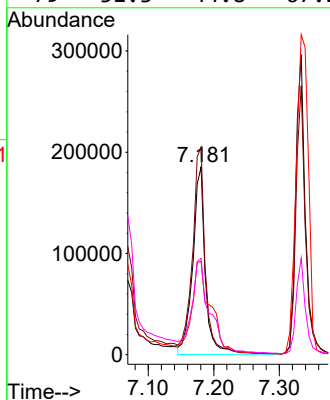
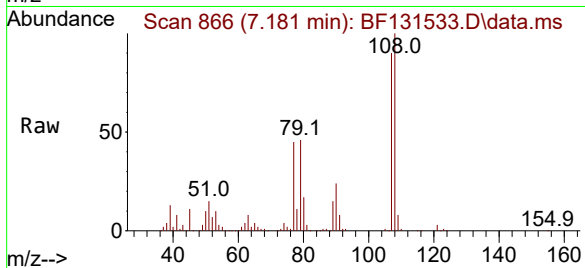
Ion Ratio Lower Upper

107 100

108 110.6 92.1 138.1

77 49.6 47.0 70.4

79 51.3 44.8 67.2



#18

Hexachloroethane

Concen: 45.368 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

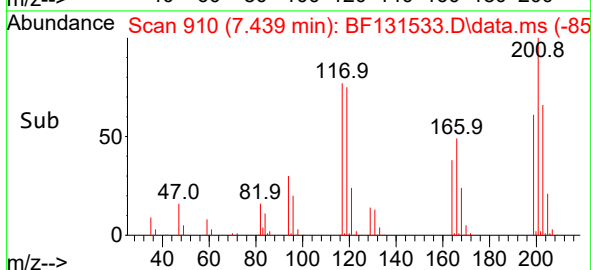
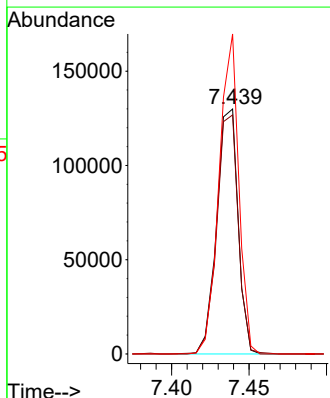
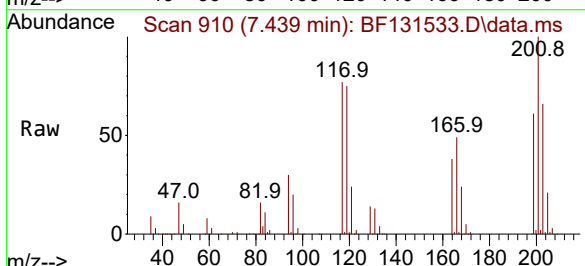
Tgt Ion:117 Resp: 124773

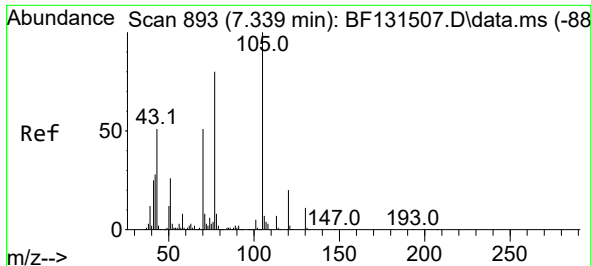
Ion Ratio Lower Upper

117 100

119 97.5 77.8 116.8

201 130.6 91.1 136.7

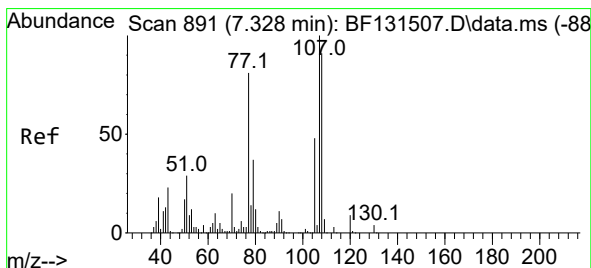
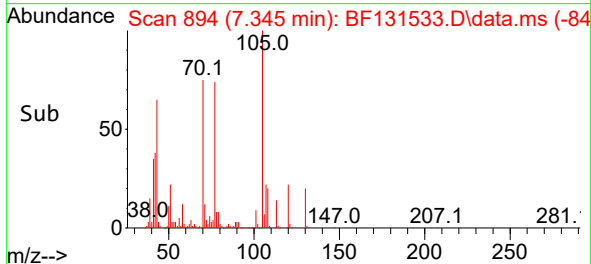
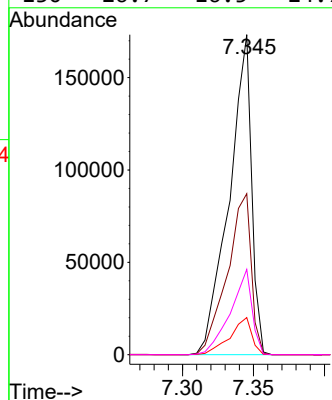
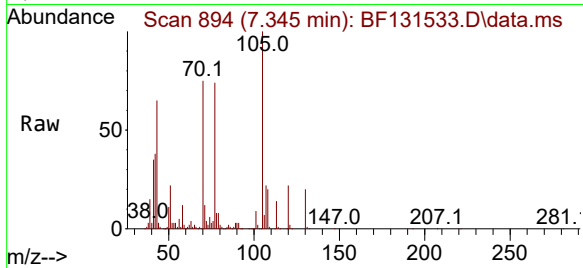




#19
n-Nitroso-di-n-propylamine
Concen: 38.761 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

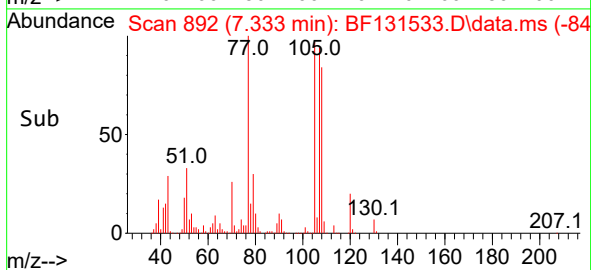
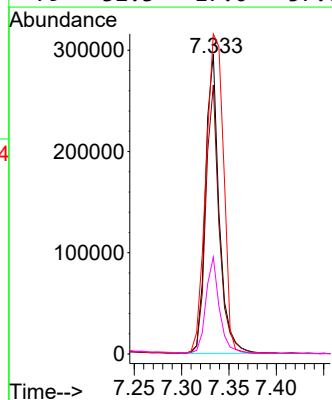
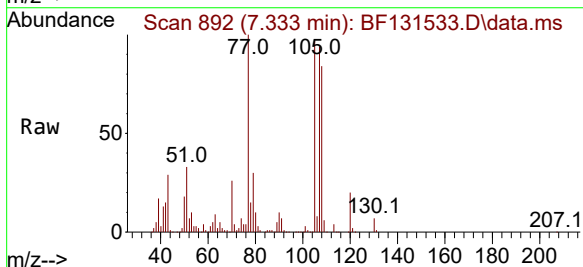
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

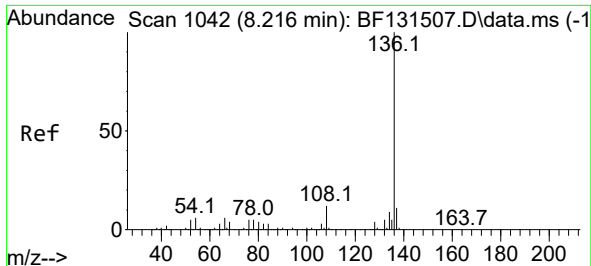
Tgt Ion: 70 Resp: 190365
Ion Ratio Lower Upper
70 100
42 50.3 44.1 66.1
101 11.6 7.7 11.5#
130 26.7 16.5 24.7#



#20
3+4-Methylphenols
Concen: 42.412 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 107 Resp: 297293
Ion Ratio Lower Upper
107 100
108 89.7 70.8 110.8
77 106.7 60.7 100.7#
79 32.3 17.0 57.0

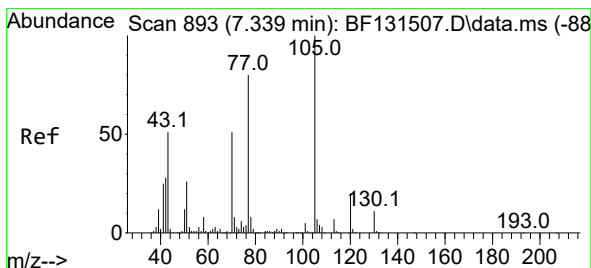
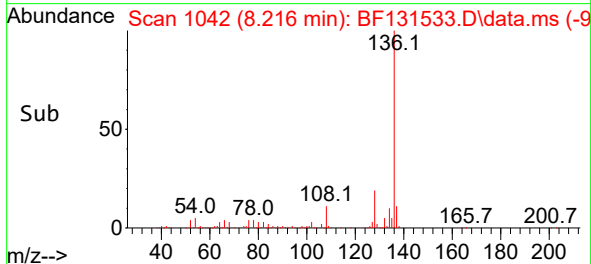
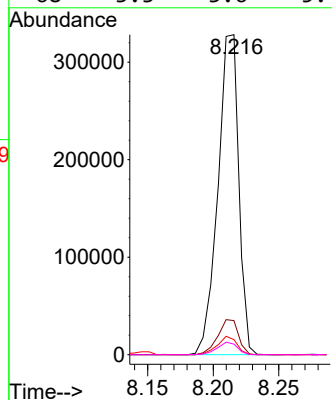
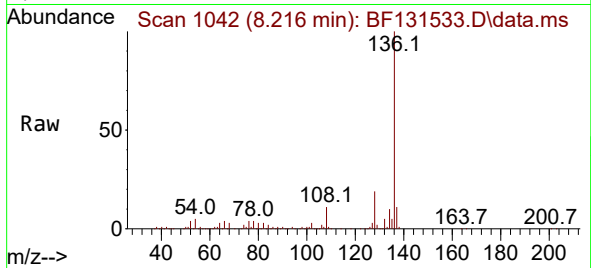




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

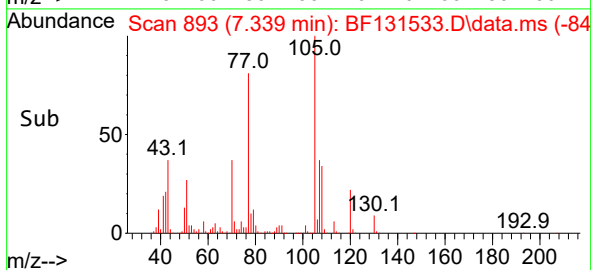
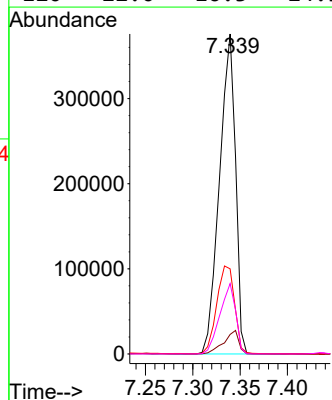
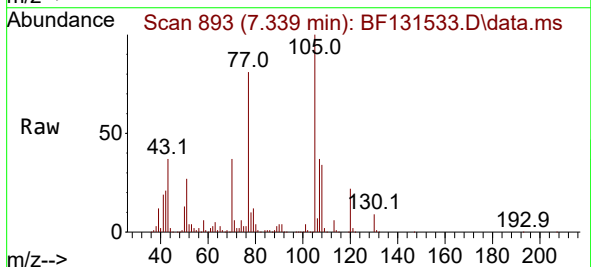
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

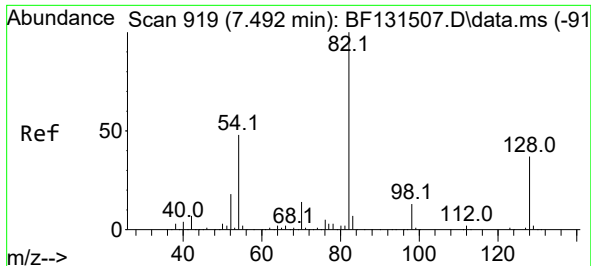
Tgt Ion:136 Resp: 363116
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 4.7 5.0 7.6#
68 3.3 3.6 5.4#



#22
Acetophenone
Concen: 44.904 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:105 Resp: 442458
Ion Ratio Lower Upper
105 100
71 6.1 6.6 10.0#
51 26.6 21.0 31.6
120 22.0 16.3 24.5

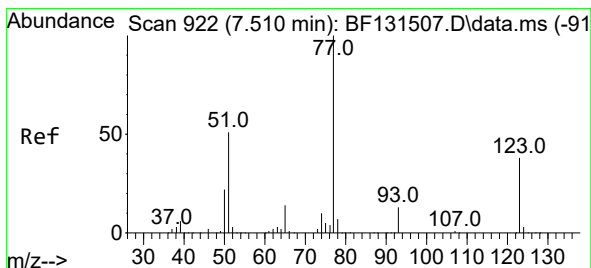
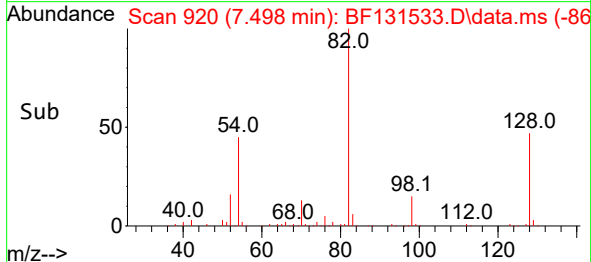
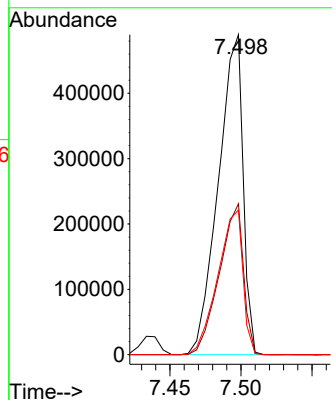
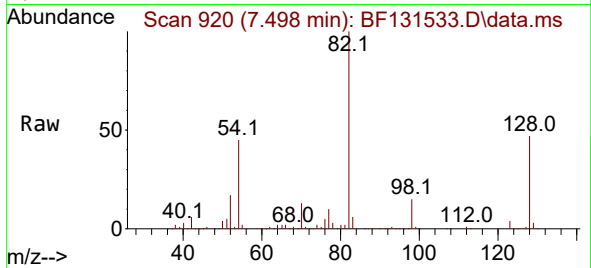




#23
Nitrobenzene-d5
Concen: 74.892 ng
RT: 7.498 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

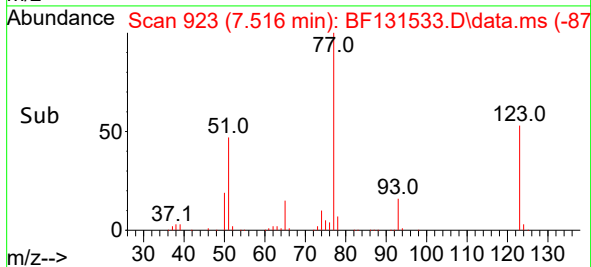
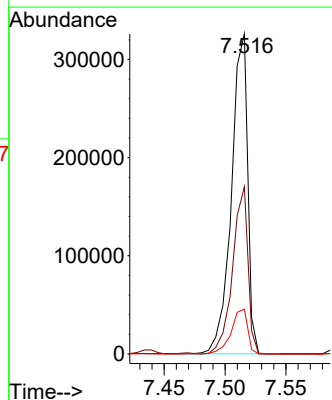
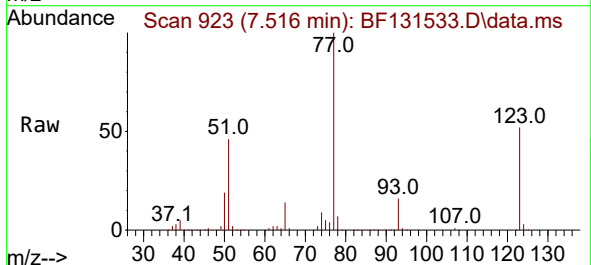
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

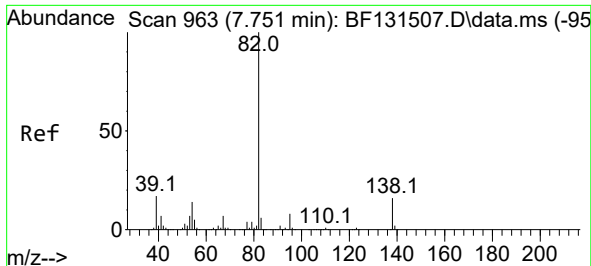
Tgt Ion: 82 Resp: 592520
Ion Ratio Lower Upper
82 100
128 47.2 29.7 44.5#
54 45.2 38.7 58.1



#24
Nitrobenzene
Concen: 37.931 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 77 Resp: 302793
Ion Ratio Lower Upper
77 100
123 52.2 31.0 46.4#
65 14.0 11.4 17.2

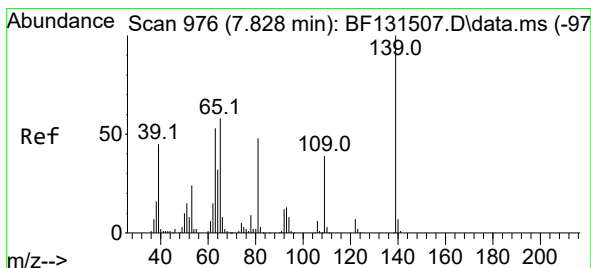
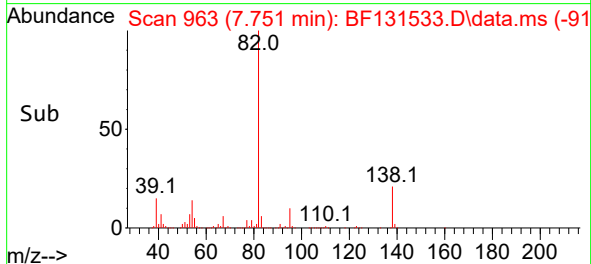
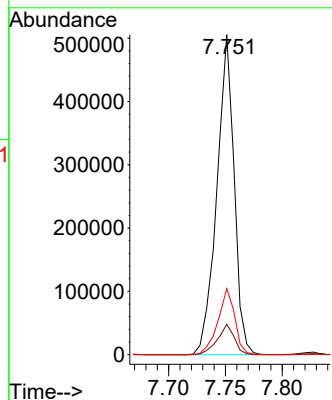
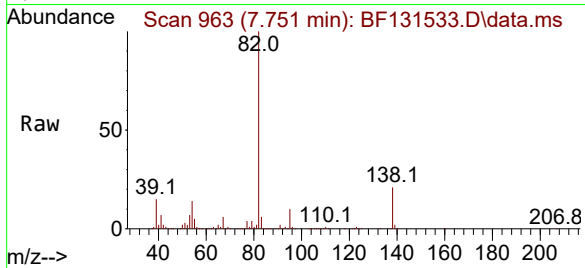




#25
Isophorone
Concen: 43.664 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

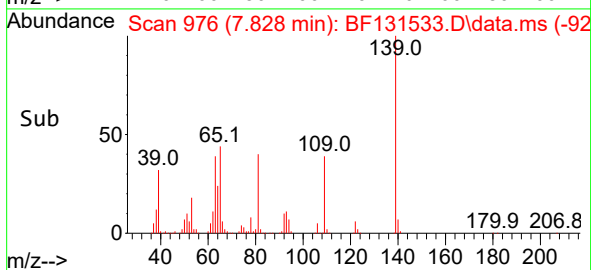
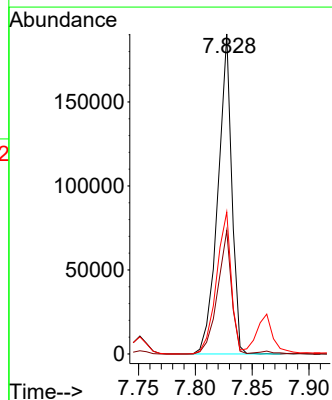
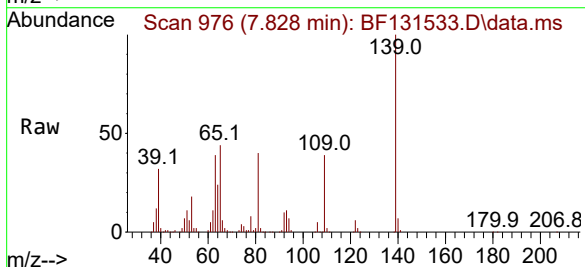
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

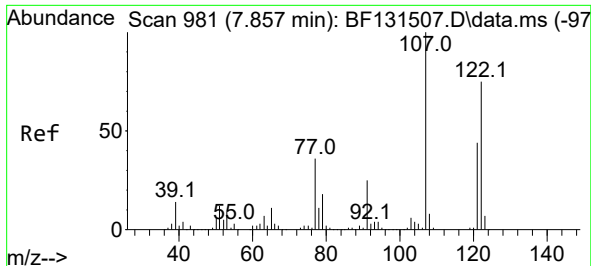
Tgt Ion: 82 Resp: 537371
Ion Ratio Lower Upper
82 100
95 9.5 6.6 9.8
138 20.6 12.7 19.1#



#26
2-Nitrophenol
Concen: 55.436 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 139 Resp: 162026
Ion Ratio Lower Upper
139 100
109 38.5 31.6 47.4
65 44.3 46.8 70.2#

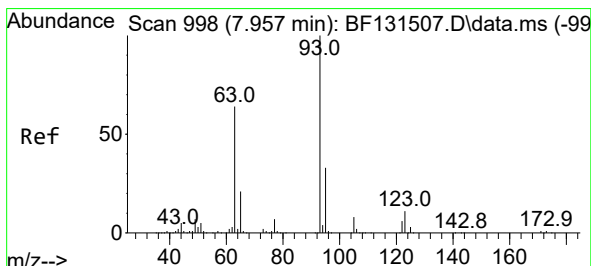
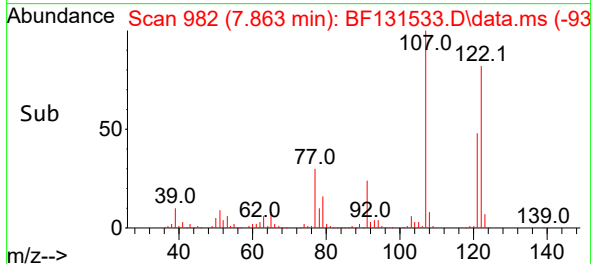
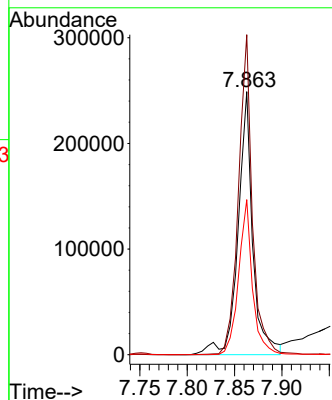
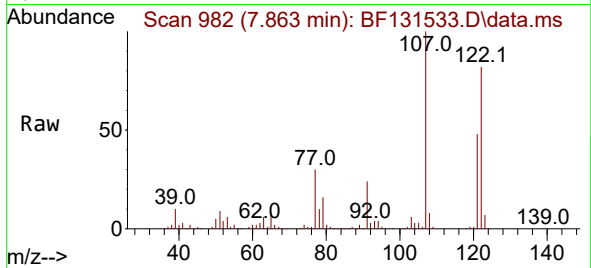




#27
2,4-Dimethylphenol
Concen: 55.608 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

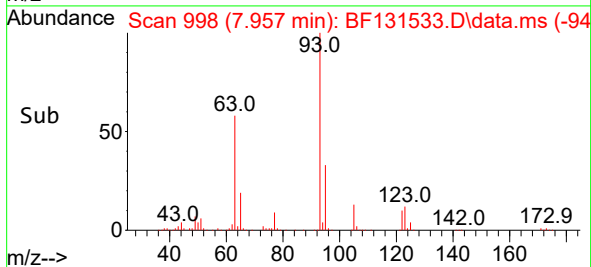
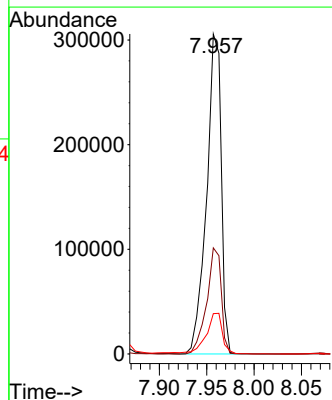
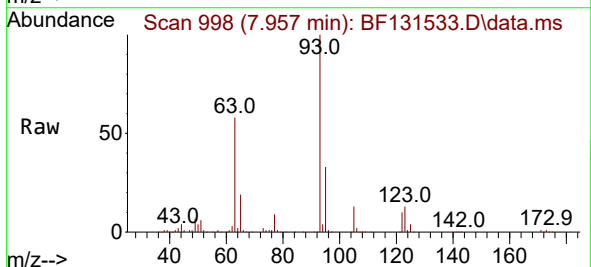
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

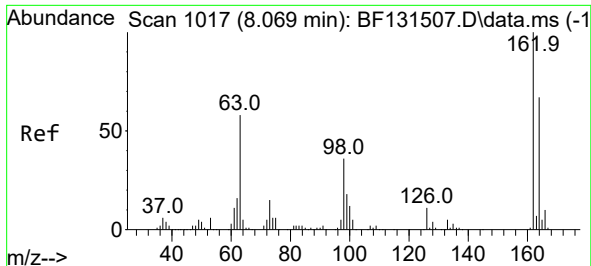
Tgt Ion:122 Resp: 266850
Ion Ratio Lower Upper
122 100
107 121.7 106.8 160.2
121 59.0 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 48.116 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion: 93 Resp: 328281
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 12.6 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 50.264 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

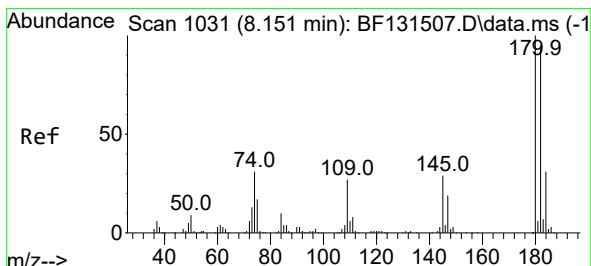
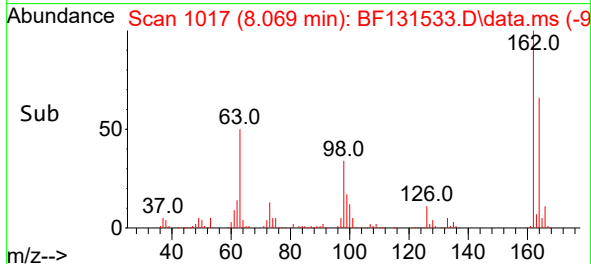
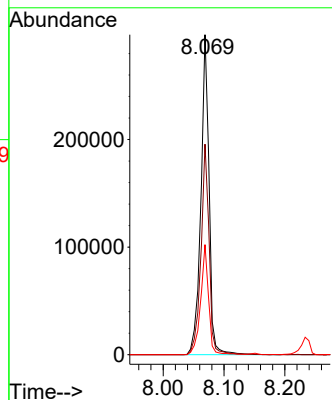
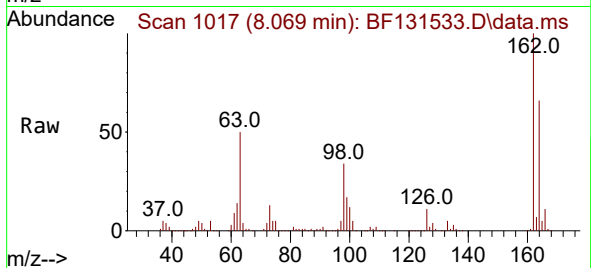
Tgt Ion:162 Resp: 279379

Ion Ratio Lower Upper

162 100

164 65.8 47.3 87.3

98 34.4 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 46.851 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

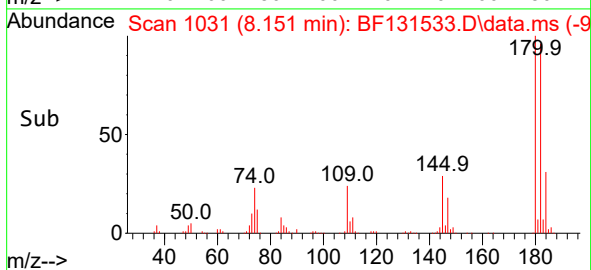
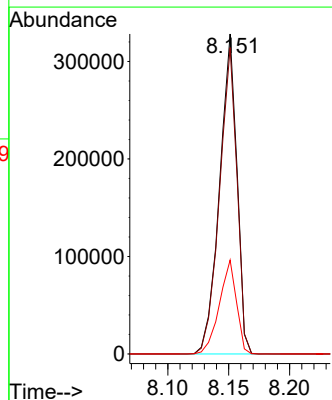
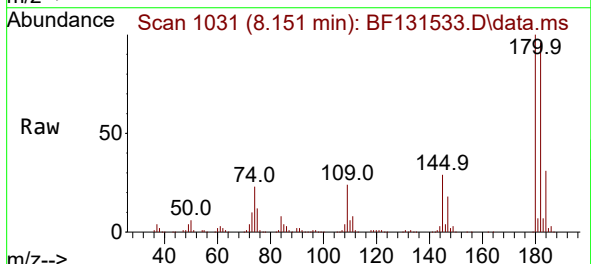
Tgt Ion:180 Resp: 325391

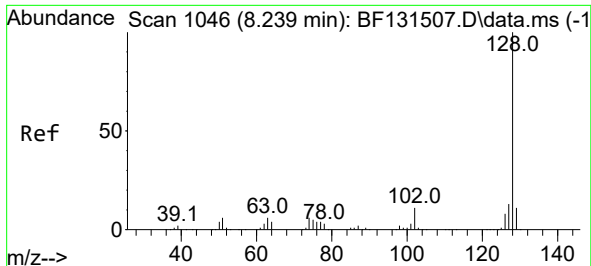
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

145 29.3 23.3 34.9

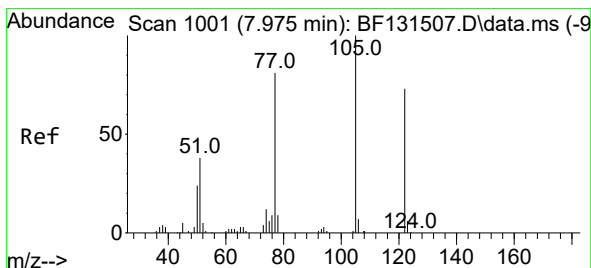
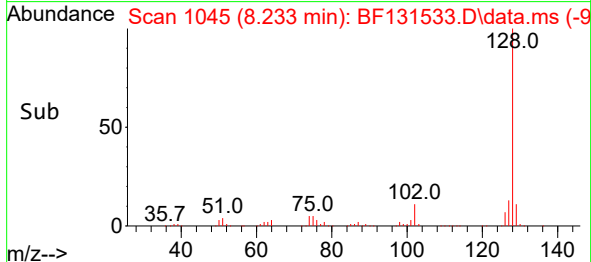
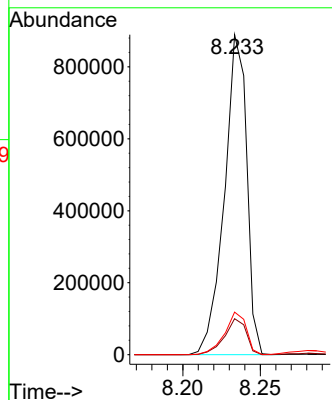
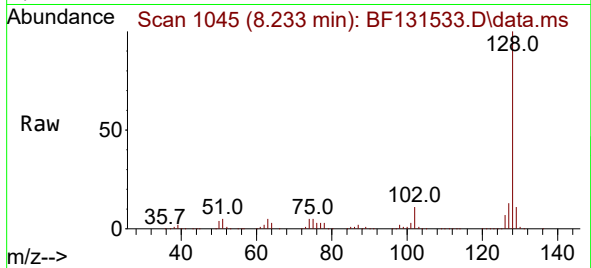




#31
Naphthalene
Concen: 44.380 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

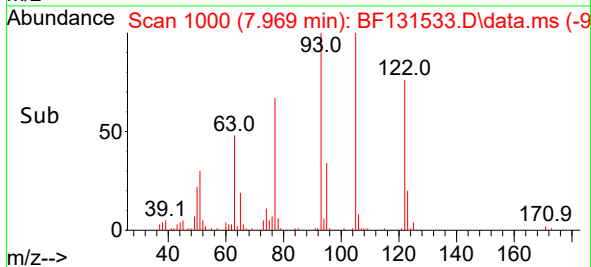
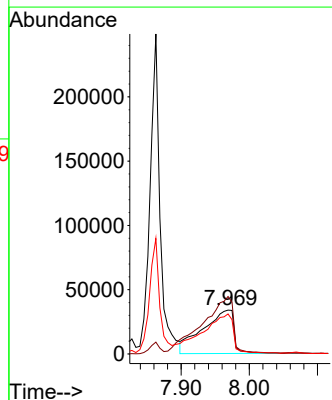
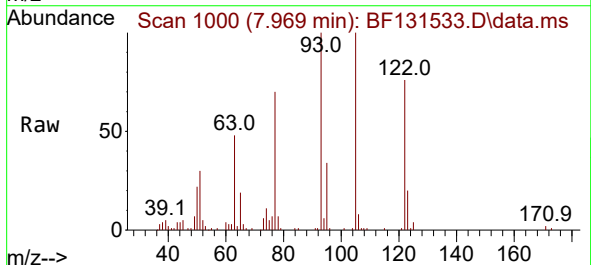
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

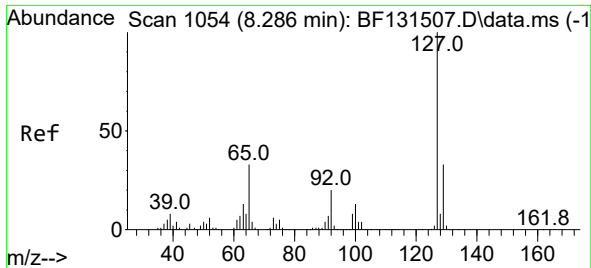
Tgt Ion:128 Resp: 890902
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 37.379 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:122 Resp: 108173
Ion Ratio Lower Upper
122 100
105 131.1 114.0 154.0
77 91.4 90.3 130.3

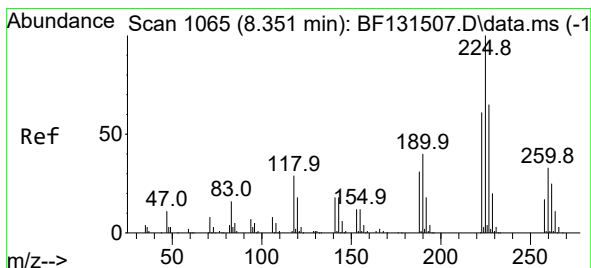
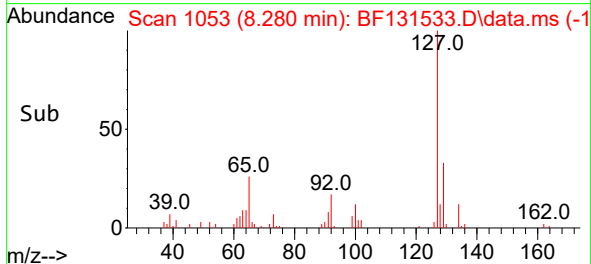
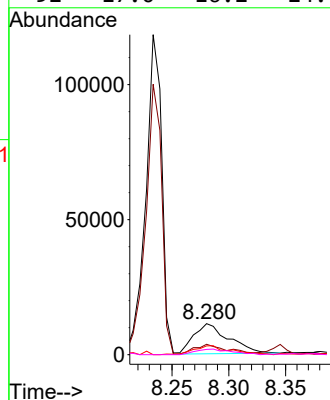
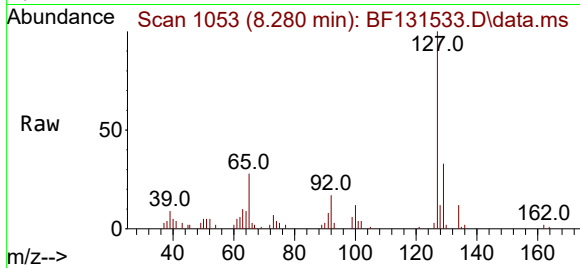




#33
4-Chloroaniline
Concen: 3.169 ng
RT: 8.280 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

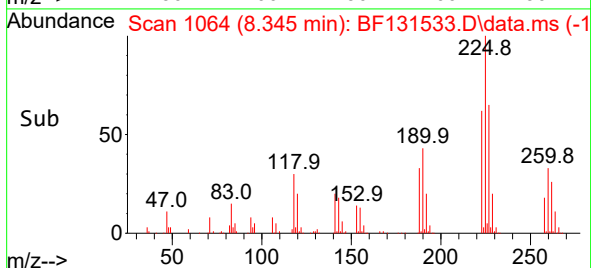
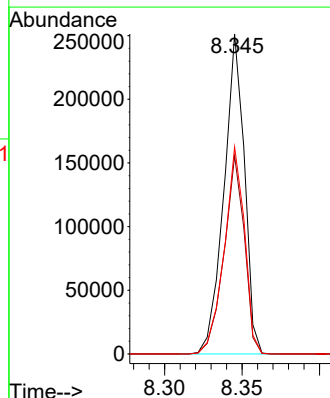
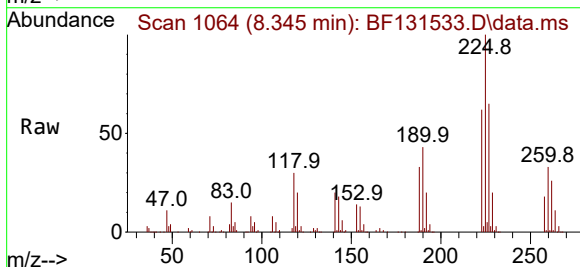
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

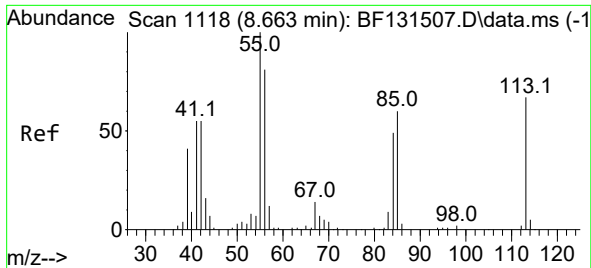
Tgt Ion:	127	Resp:	23828
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.5	39.7
65	28.2	26.4	39.6
92	17.0	16.2	24.4



#34
Hexachlorobutadiene
Concen: 46.497 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:	225	Resp:	230652
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.2	73.8
227	64.7	51.7	77.5

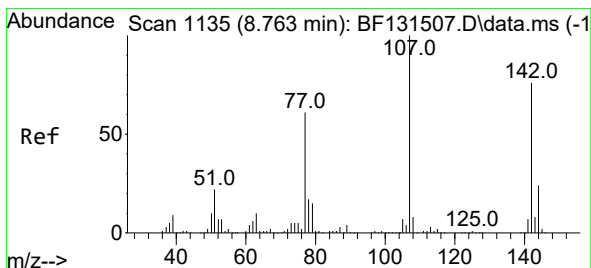
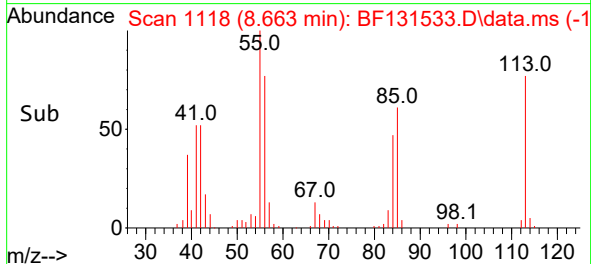
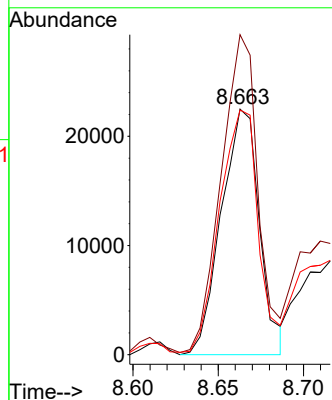
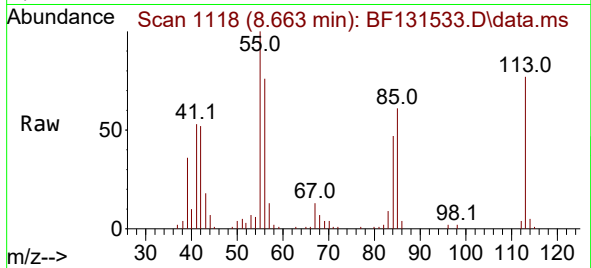




#35
 Caprolactam
 Concen: 22.368 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF131533.D
 Acq: 06 Dec 2022 18:22

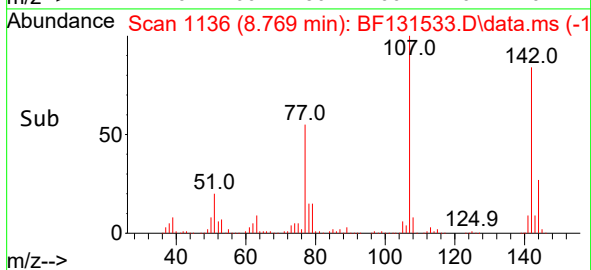
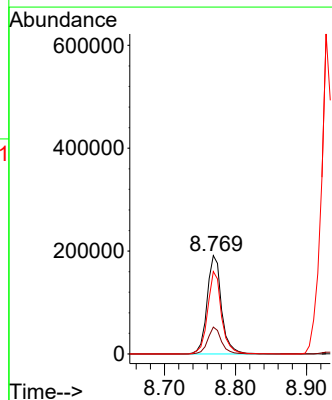
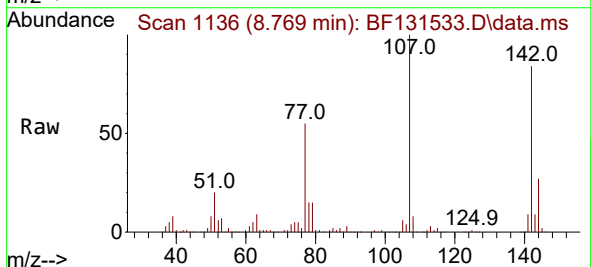
Instrument :
 BNA_F
 ClientSampleId :
 MH-17MSD

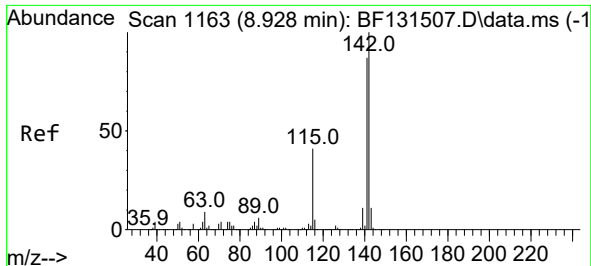
Tgt Ion:113 Resp: 34900
 Ion Ratio Lower Upper
 113 100
 55 130.3 128.2 168.2
 56 99.6 100.7 140.7#



#36
 4-Chloro-3-methylphenol
 Concen: 45.431 ng
 RT: 8.769 min Scan# 1136
 Delta R.T. 0.006 min
 Lab File: BF131533.D
 Acq: 06 Dec 2022 18:22

Tgt Ion:107 Resp: 269938
 Ion Ratio Lower Upper
 107 100
 144 27.4 19.4 29.0
 142 83.8 61.1 91.7

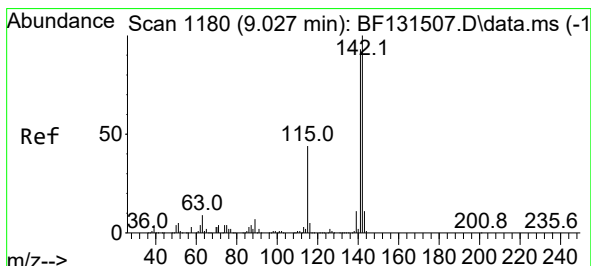
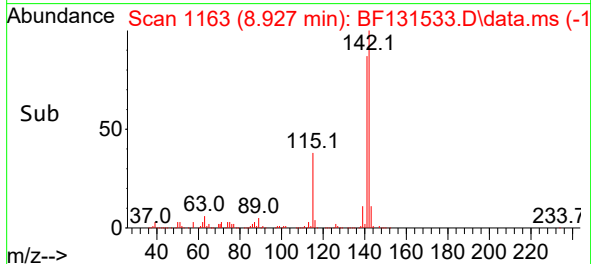
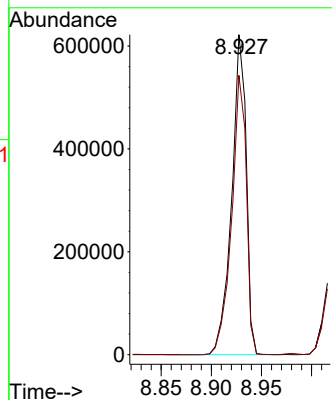
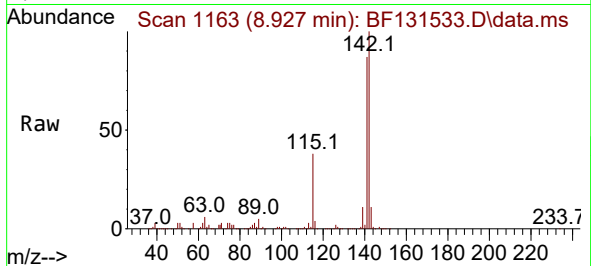




#37
2-Methylnaphthalene
Concen: 46.427 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

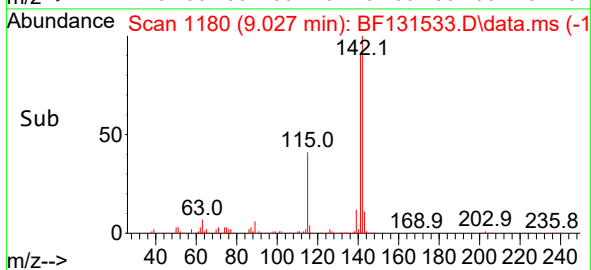
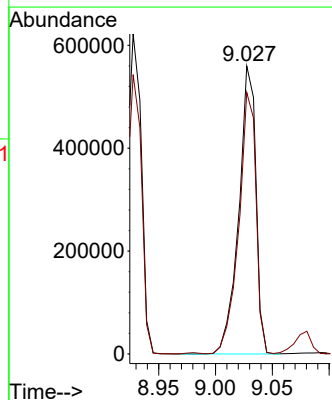
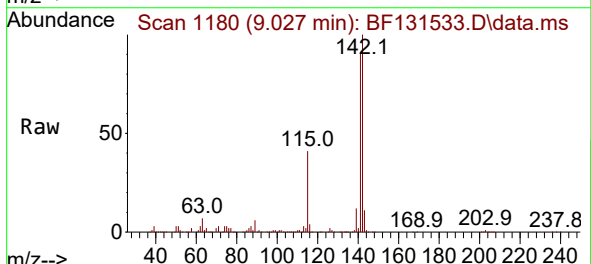
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

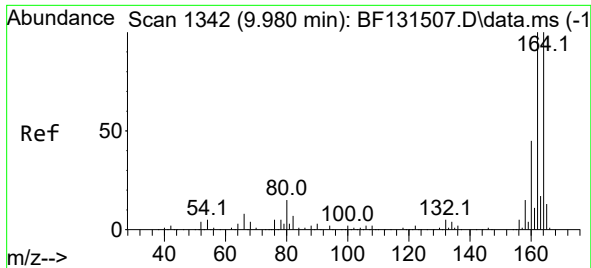
Tgt Ion:142 Resp: 623669
Ion Ratio Lower Upper
142 100
141 87.3 69.7 104.5



#38
1-Methylnaphthalene
Concen: 45.465 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:142 Resp: 586876
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

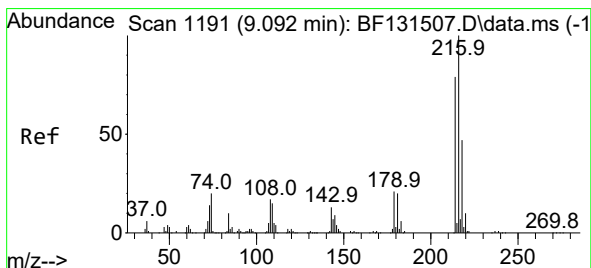
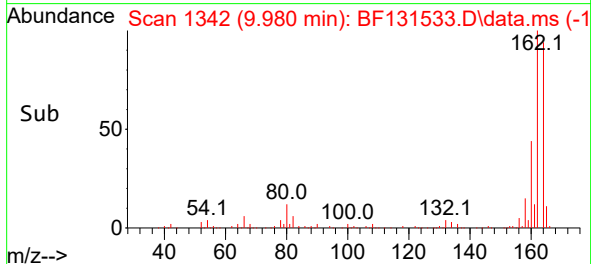
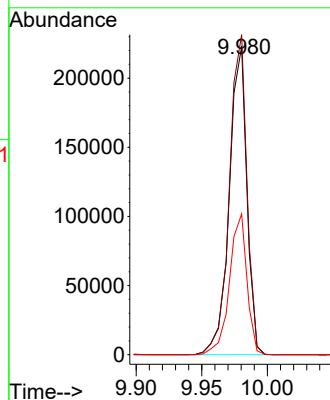
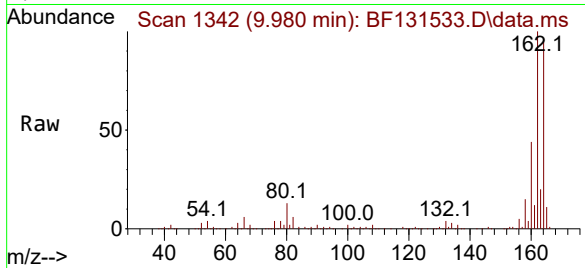
Tgt Ion:164 Resp: 207462

Ion Ratio Lower Upper

164 100

162 103.8 80.1 120.1

160 45.7 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.713 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Tgt Ion:216 Resp: 373328

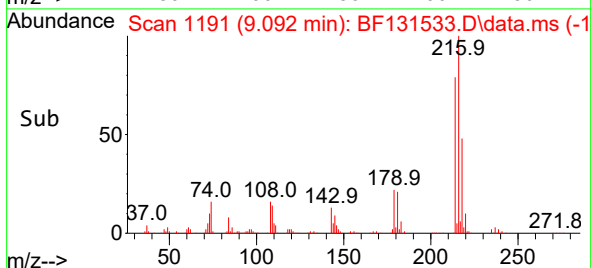
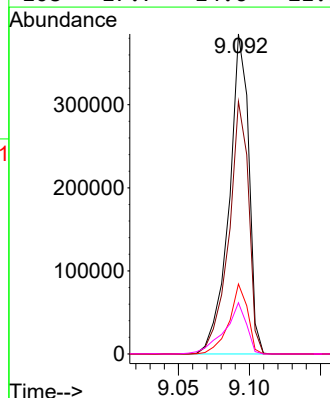
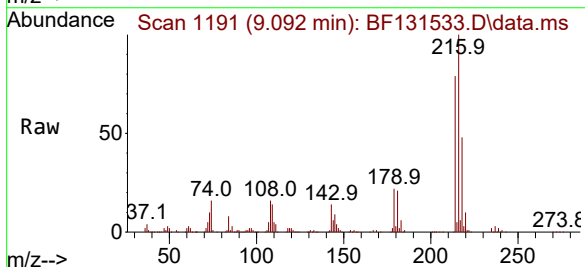
Ion Ratio Lower Upper

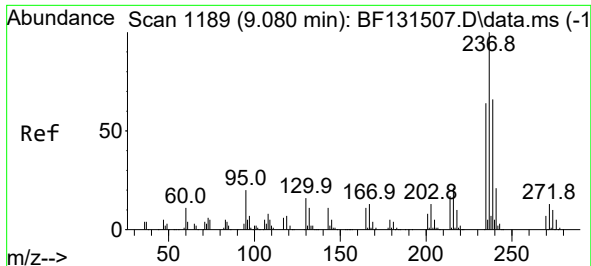
216 100

214 78.9 62.2 93.4

179 20.5 16.4 24.6

108 17.7 14.6 21.8

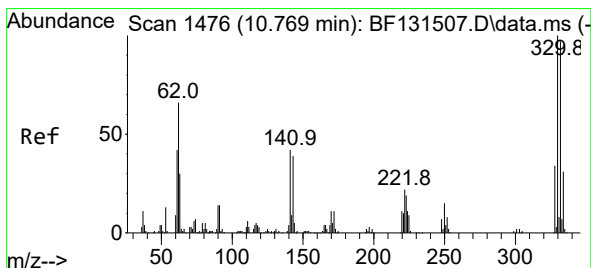
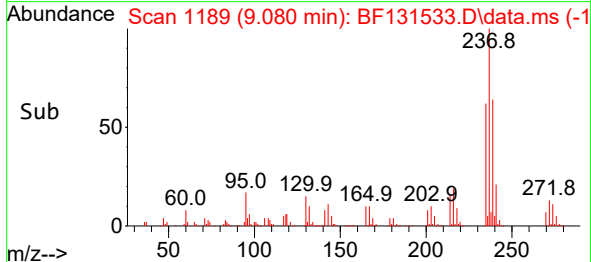
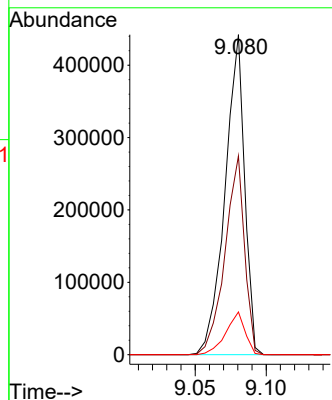
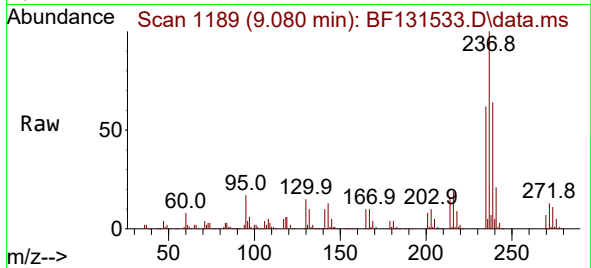




#41
Hexachlorocyclopentadiene
Concen: 123.058 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

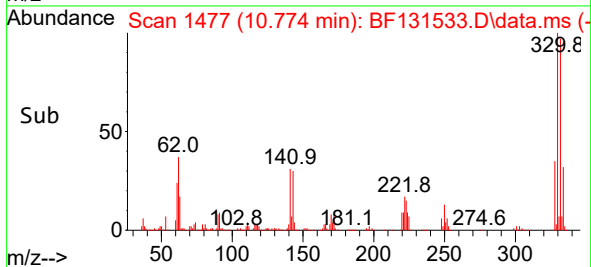
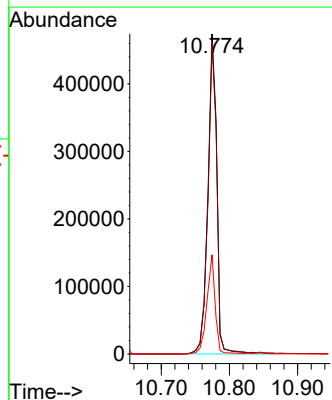
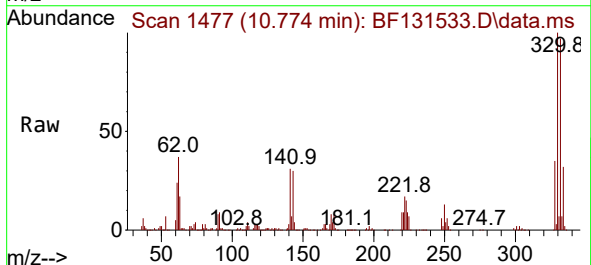
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

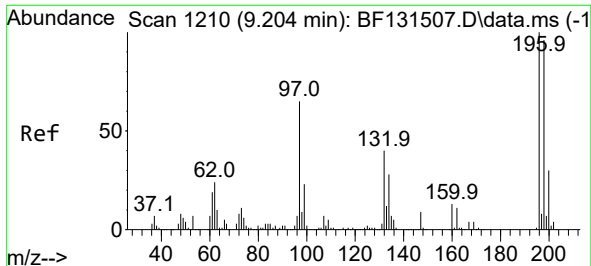
Tgt Ion:237 Resp: 424830
Ion Ratio Lower Upper
237 100
235 62.1 44.2 84.2
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 183.753 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.005 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:330 Resp: 434068
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 28.8 29.1 43.7#

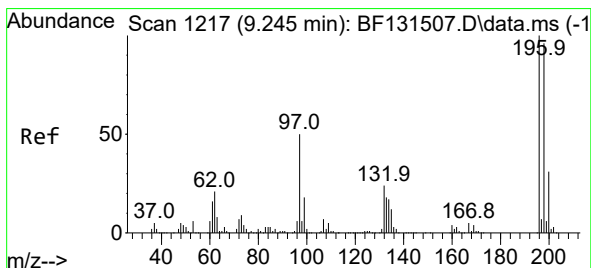
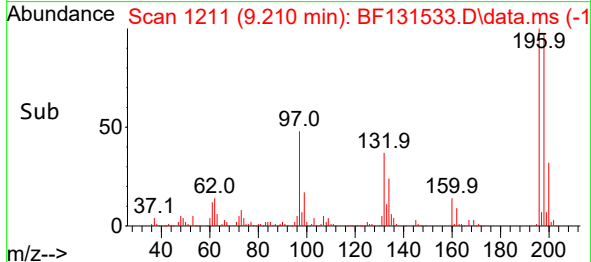
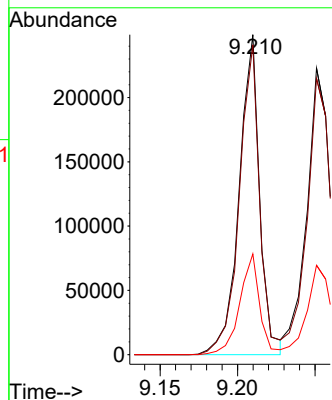
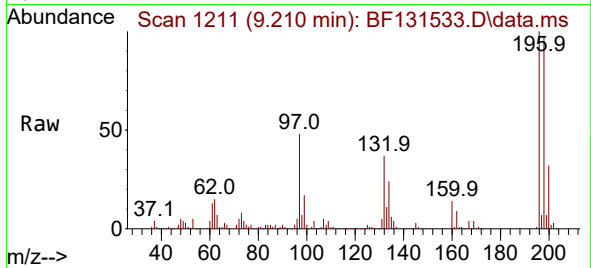




#43
2,4,6-Trichlorophenol
Concen: 49.425 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

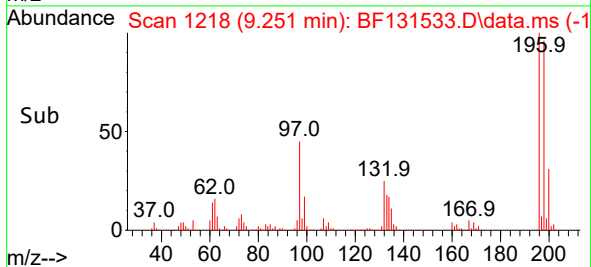
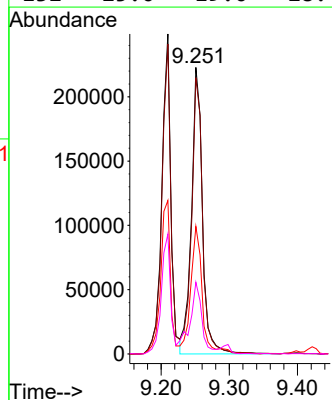
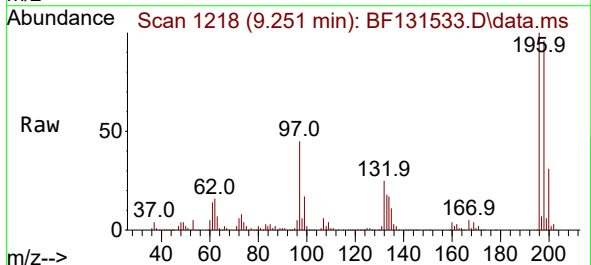
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

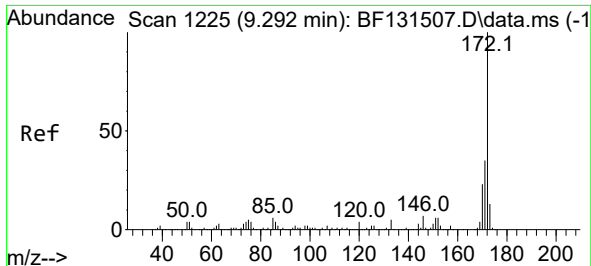
Tgt Ion:196 Resp: 229015
Ion Ratio Lower Upper
196 100
198 96.8 76.5 114.7
200 31.5 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 50.239 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:196 Resp: 248259
Ion Ratio Lower Upper
196 100
198 96.5 76.6 114.8
97 44.5 40.6 61.0
132 25.0 19.0 28.4

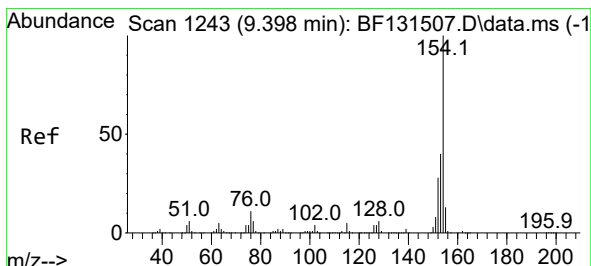
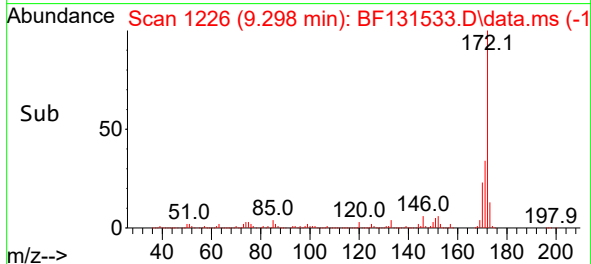
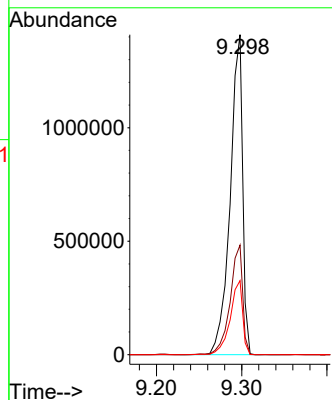
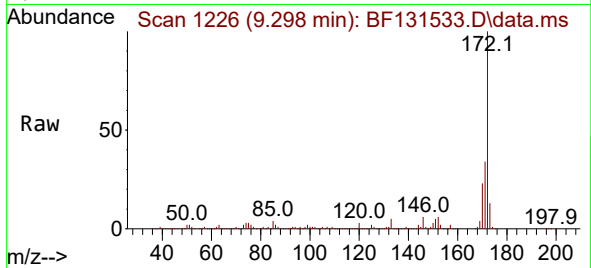




#45
2-Fluorobiphenyl
Concen: 90.356 ng
RT: 9.298 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

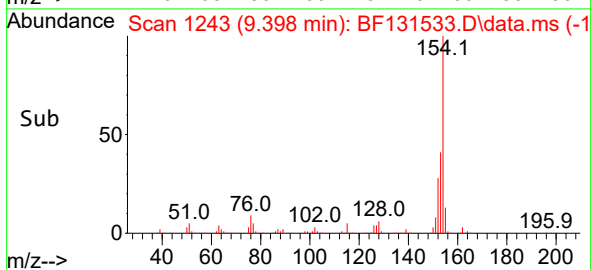
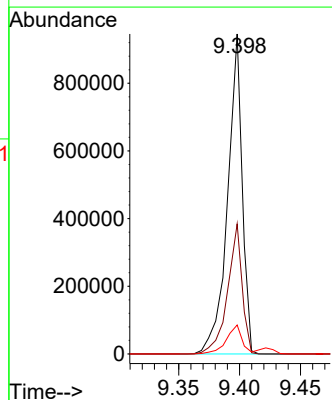
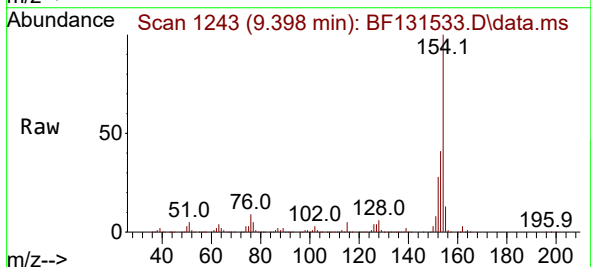
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

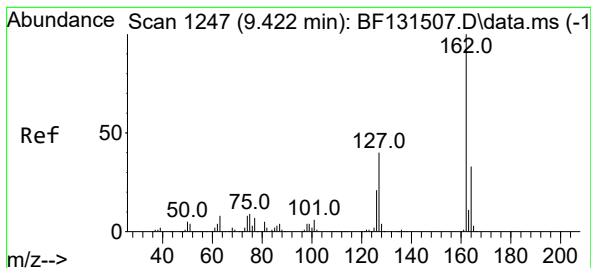
Tgt Ion:172 Resp: 1428917
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 48.339 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:154 Resp: 790772
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 9.1 0.0 30.9





#47

2-Chloronaphthalene

Concen: 46.517 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

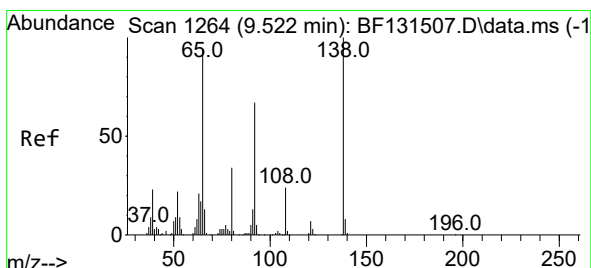
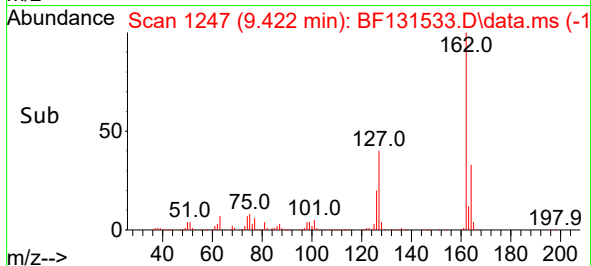
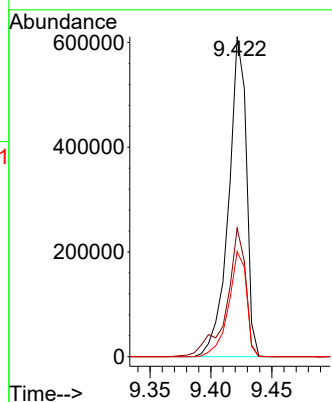
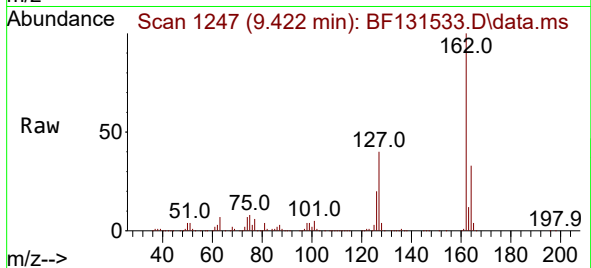
Tgt Ion:162 Resp: 621610

Ion Ratio Lower Upper

162 100

127 40.2 32.6 48.8

164 32.9 26.0 39.0



#48

2-Nitroaniline

Concen: 37.721 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

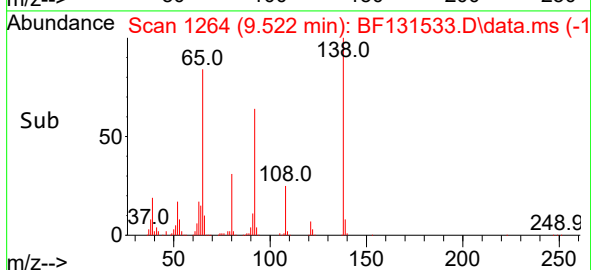
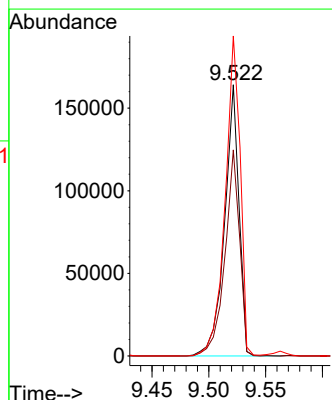
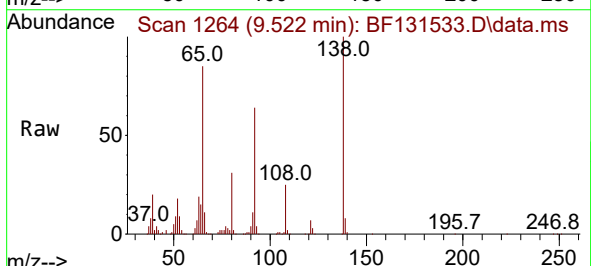
Tgt Ion: 65 Resp: 145646

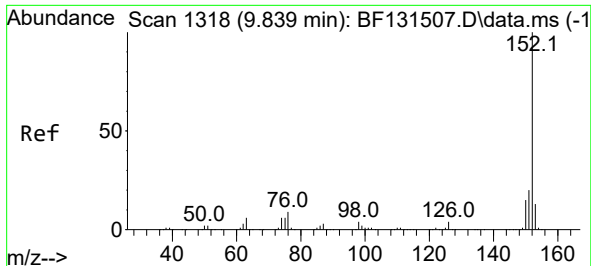
Ion Ratio Lower Upper

65 100

92 76.0 57.4 86.0

138 118.0 85.4 128.0





#49

Acenaphthylene

Concen: 46.550 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

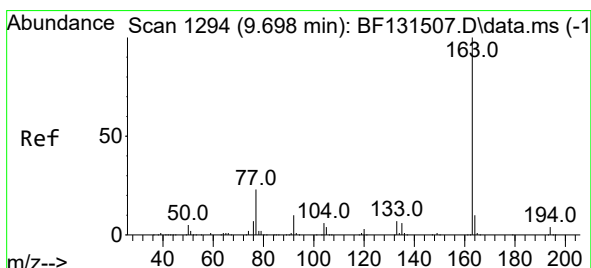
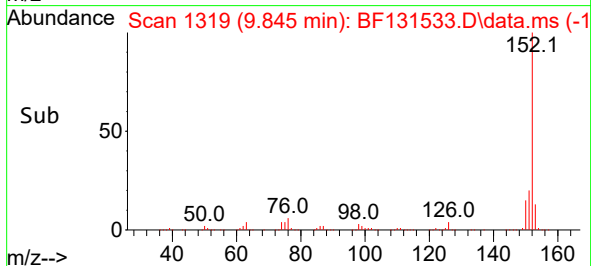
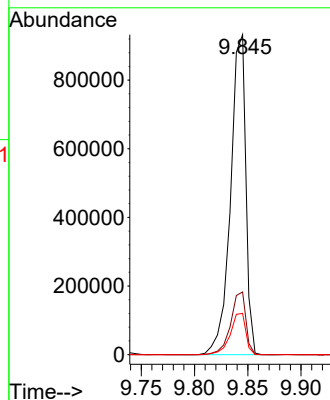
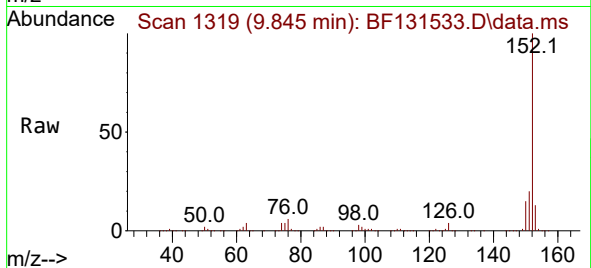
Tgt Ion:152 Resp: 929207

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

153 12.9 10.6 16.0



#50

Dimethylphthalate

Concen: 49.335 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

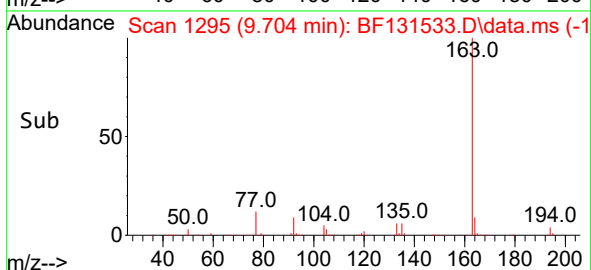
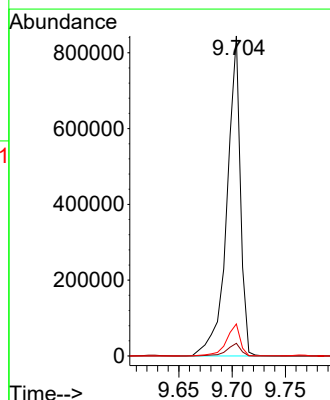
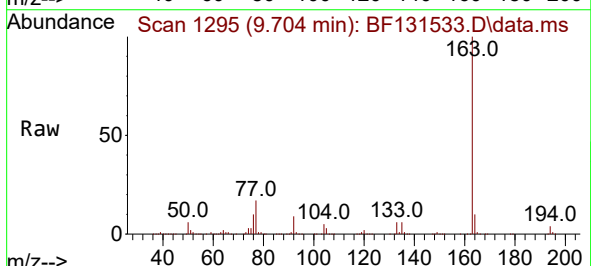
Tgt Ion:163 Resp: 739764

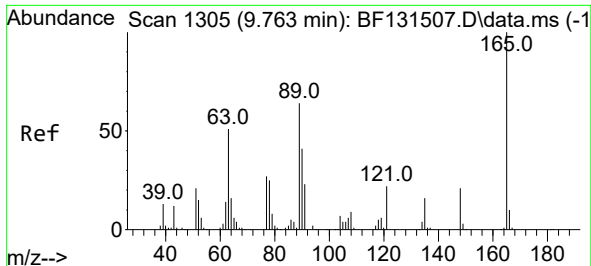
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 7.9 11.9

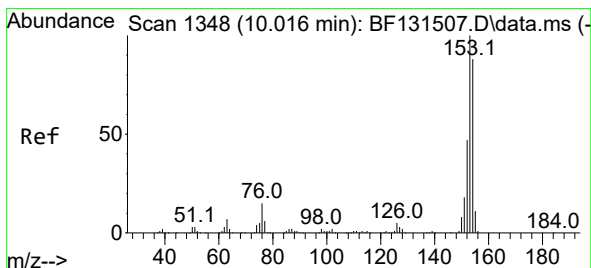
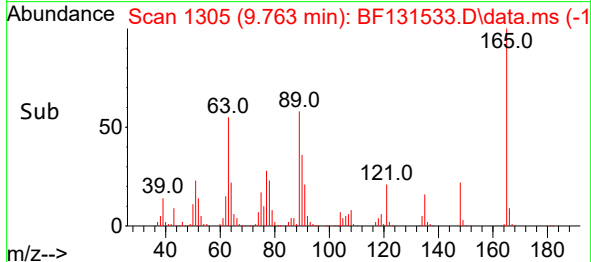
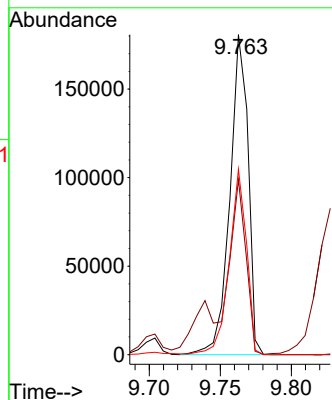
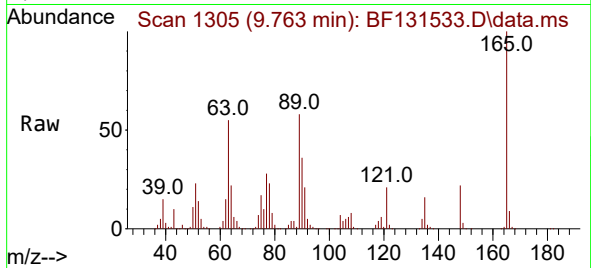




#51
2,6-Dinitrotoluene
Concen: 50.288 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

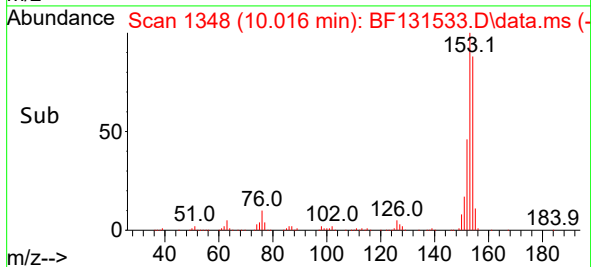
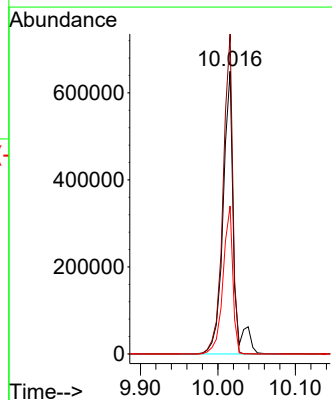
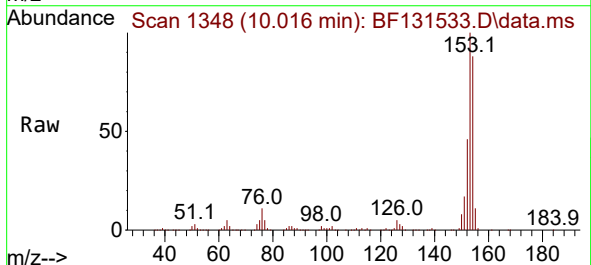
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

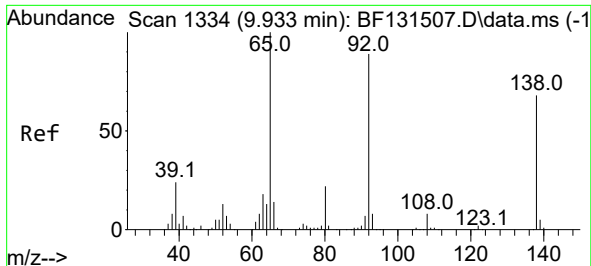
Tgt Ion:165 Resp: 161121
Ion Ratio Lower Upper
165 100
63 54.7 50.1 75.1
89 58.0 51.3 76.9



#52
Acenaphthene
Concen: 47.870 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:154 Resp: 619943
Ion Ratio Lower Upper
154 100
153 113.2 90.9 136.3
152 52.4 43.1 64.7

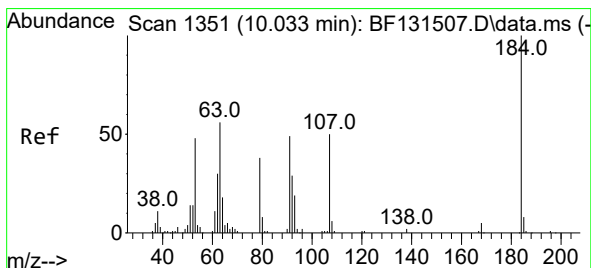
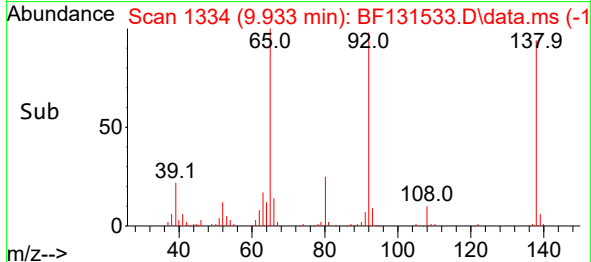
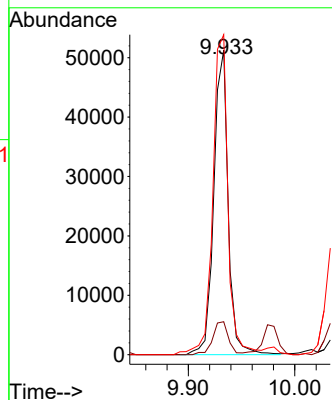
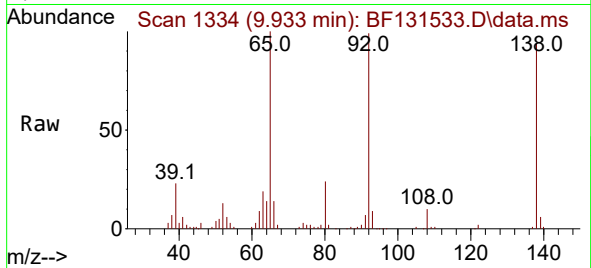




#53
3-Nitroaniline
Concen: 14.341 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

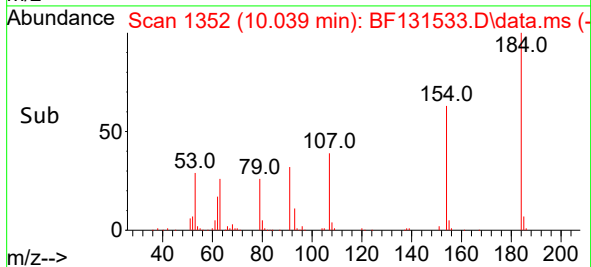
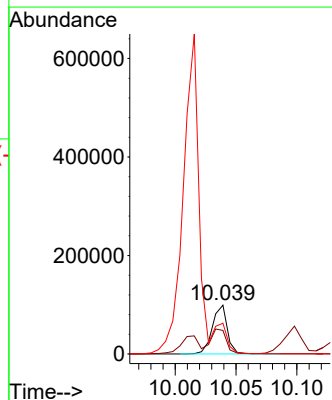
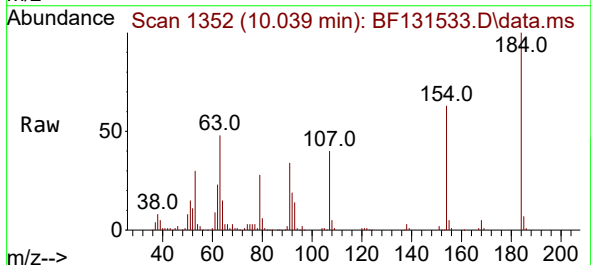
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

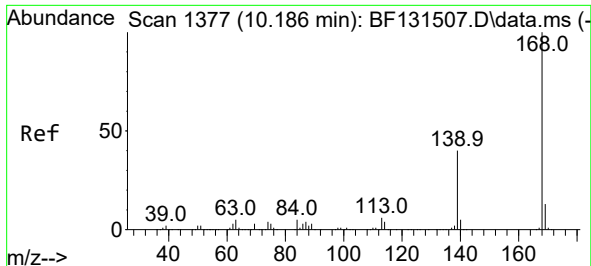
Tgt Ion:138 Resp: 48094
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.2
92 105.1 104.8 157.2



#54
2,4-Dinitrophenol
Concen: 53.046 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:184 Resp: 85277
Ion Ratio Lower Upper
184 100
63 48.2 61.2 91.8#
154 62.9 53.1 79.7

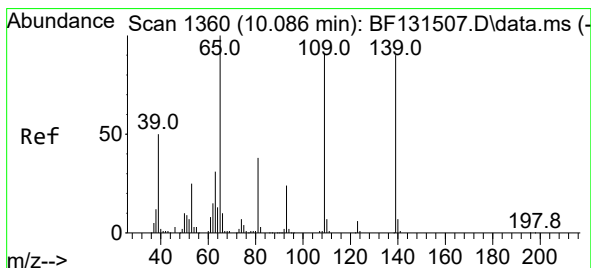
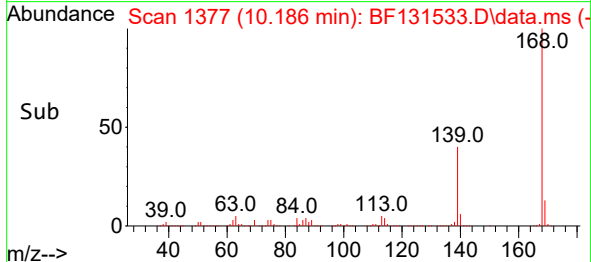
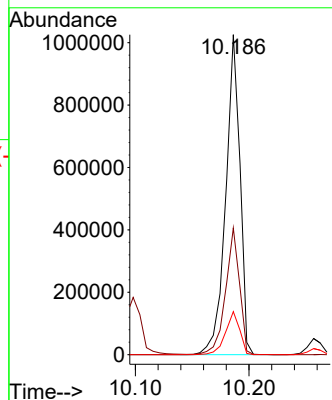
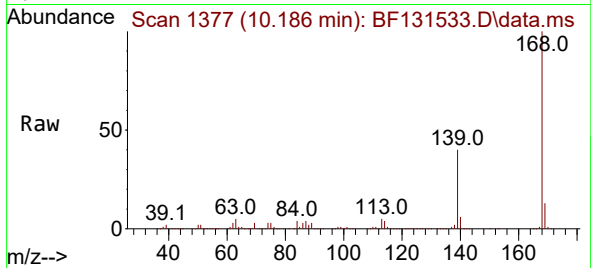




#55
Dibenzenofuran
Concen: 47.311 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

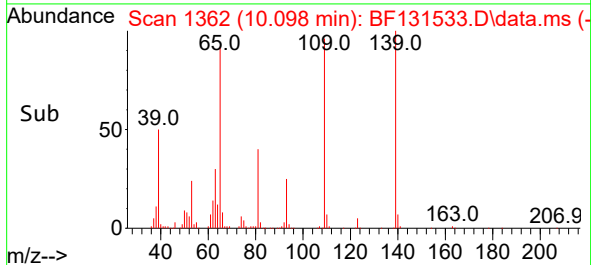
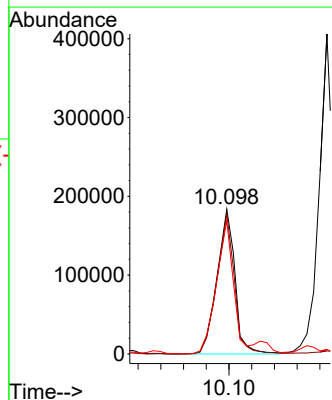
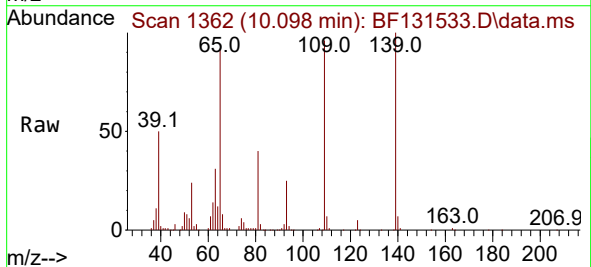
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

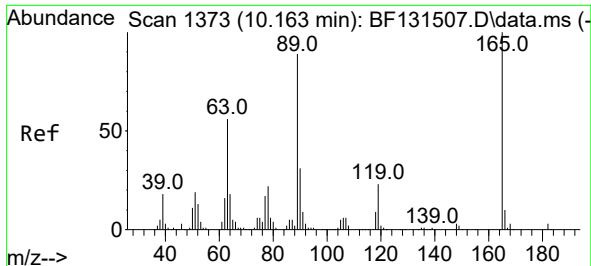
Tgt Ion:168 Resp: 894467
Ion Ratio Lower Upper
168 100
139 39.6 31.8 47.8
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 86.591 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:139 Resp: 202648
Ion Ratio Lower Upper
139 100
109 96.5 81.1 121.1
65 92.1 91.5 131.5

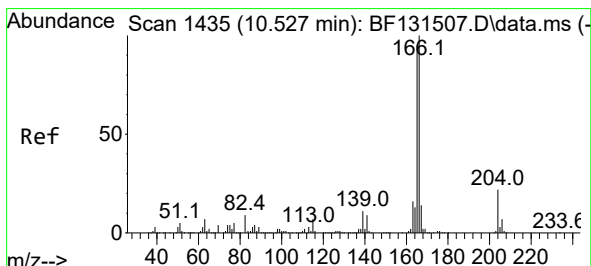
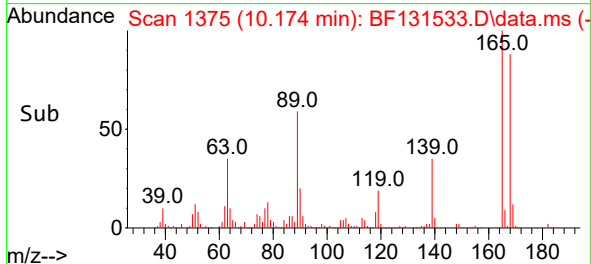
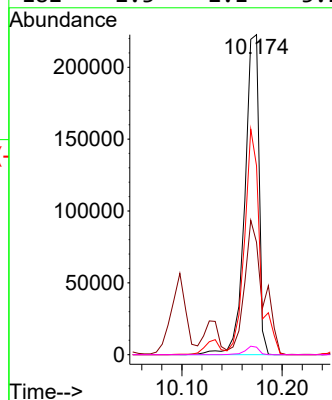
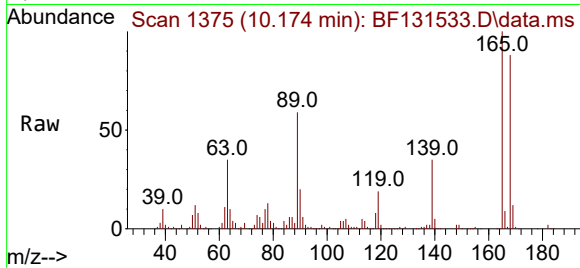




#57
2,4-Dinitrotoluene
Concen: 52.391 ng
RT: 10.174 min Scan# 1375
Delta R.T. 0.012 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

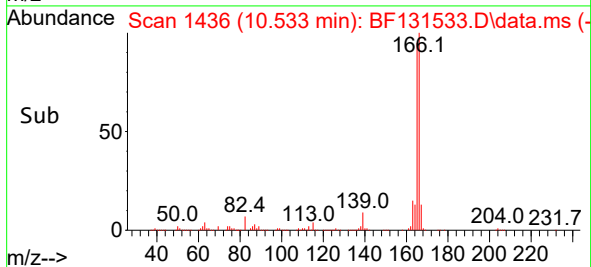
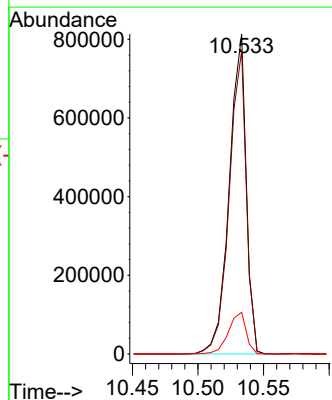
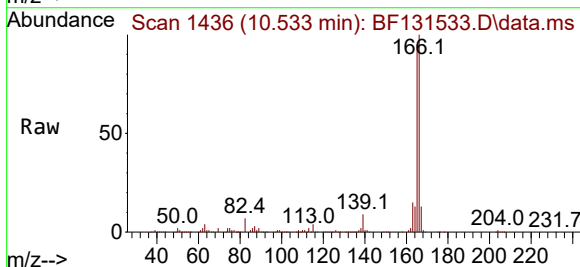
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

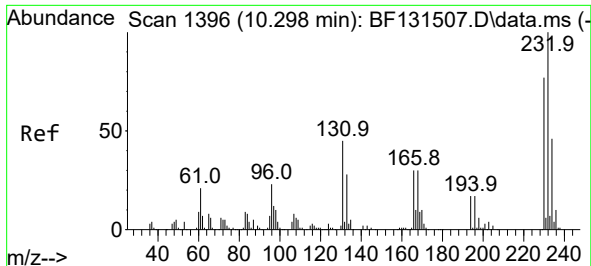
Tgt Ion:165 Resp: 220247
Ion Ratio Lower Upper
165 100
63 35.2 45.3 67.9#
89 59.1 71.0 106.4#
182 2.3 2.1 3.1



#58
Fluorene
Concen: 46.903 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:166 Resp: 731745
Ion Ratio Lower Upper
166 100
165 94.8 75.7 113.5
167 13.0 10.9 16.3

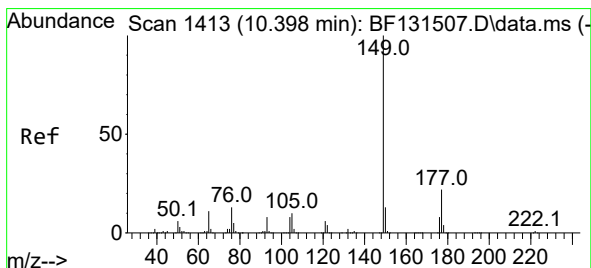
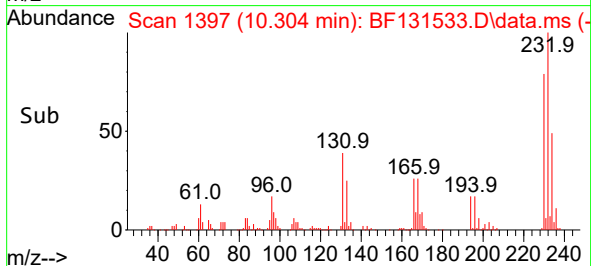
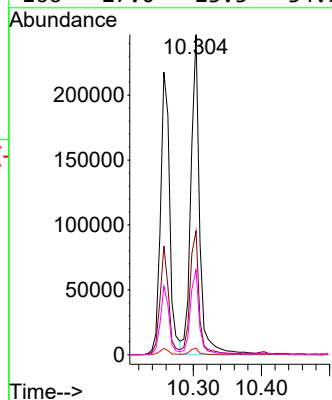
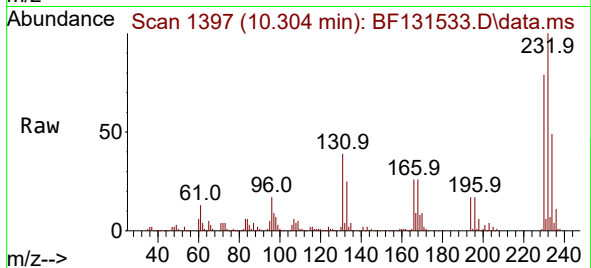




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.661 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

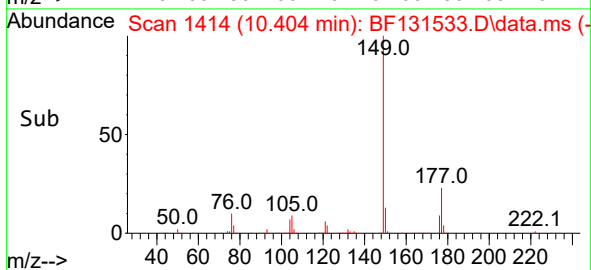
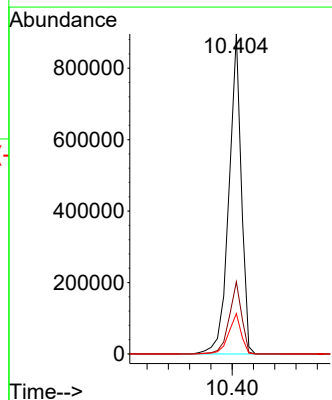
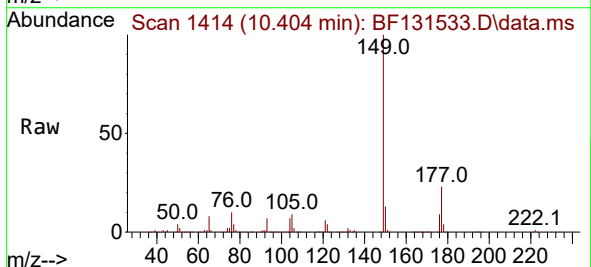
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

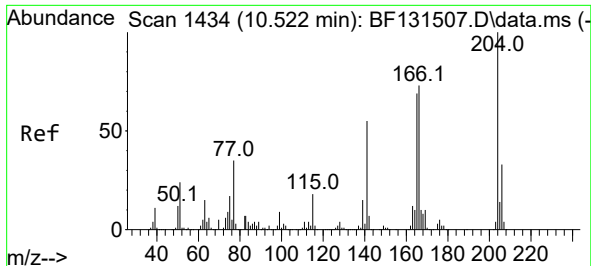
Tgt Ion:232 Resp: 216549
Ion Ratio Lower Upper
232 100
131 40.2 34.8 52.2
130 2.2 1.8 2.6
166 27.0 23.3 34.9



#60
Diethylphthalate
Concen: 48.645 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:149 Resp: 719184
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.2
150 12.6 10.2 15.4

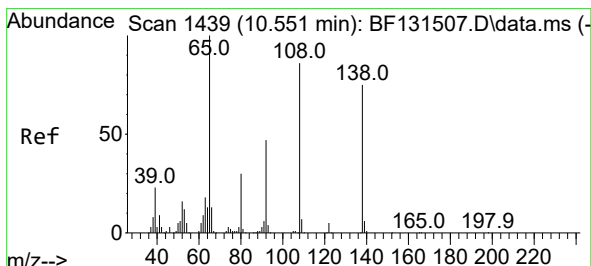
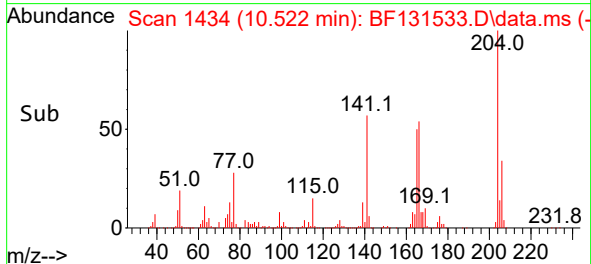
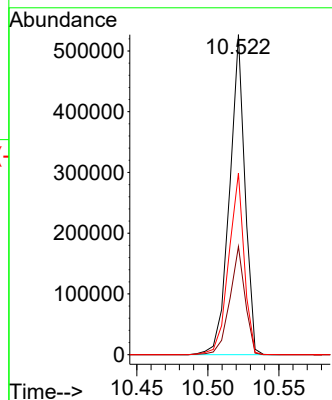
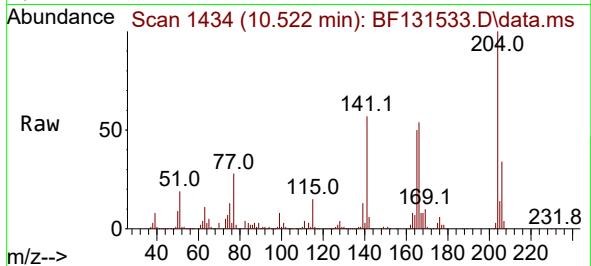




#61
4-Chlorophenyl-phenylether
Concen: 49.226 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

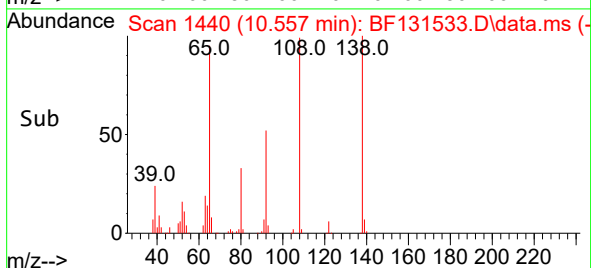
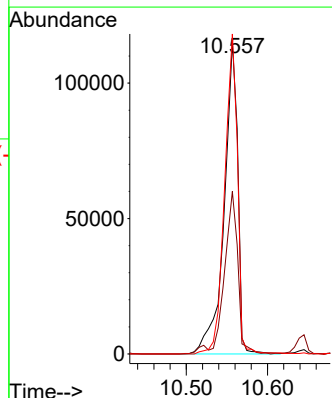
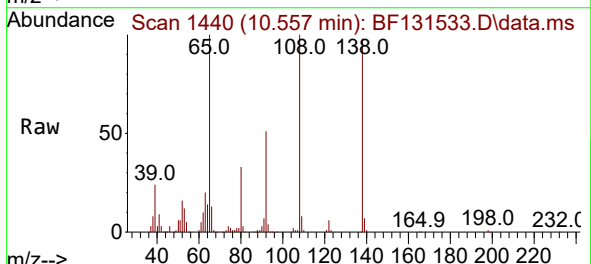
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

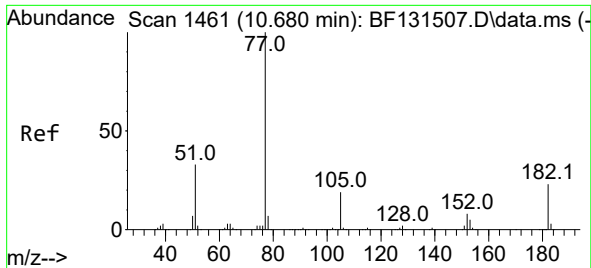
Tgt Ion:204 Resp: 397272
Ion Ratio Lower Upper
204 100
206 33.8 26.4 39.6
141 56.7 44.4 66.6



#62
4-Nitroaniline
Concen: 40.437 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:138 Resp: 135212
Ion Ratio Lower Upper
138 100
92 52.0 42.7 82.7
108 102.5 95.0 135.0

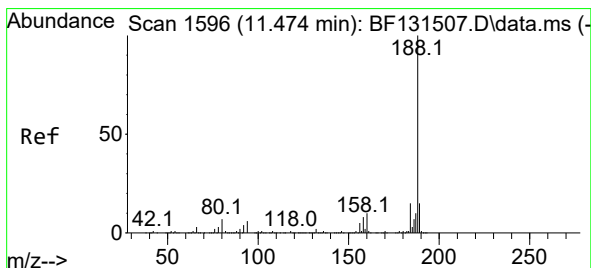
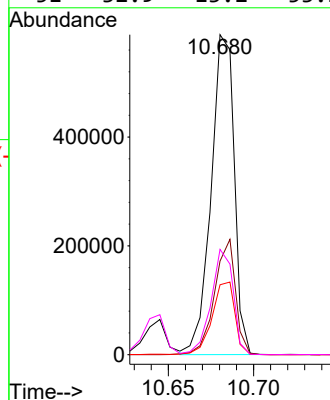
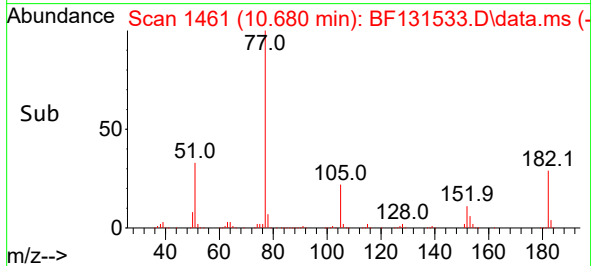
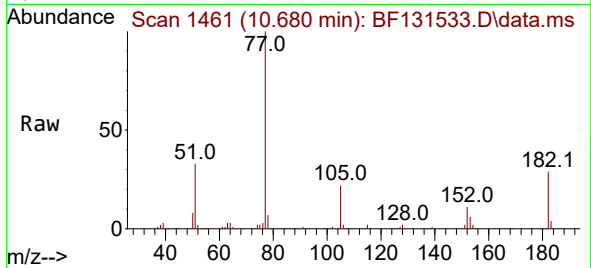




#63
Azobenzene
Concen: 38.205 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

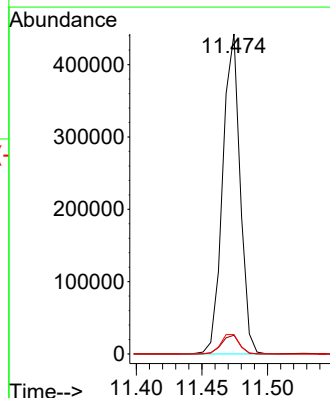
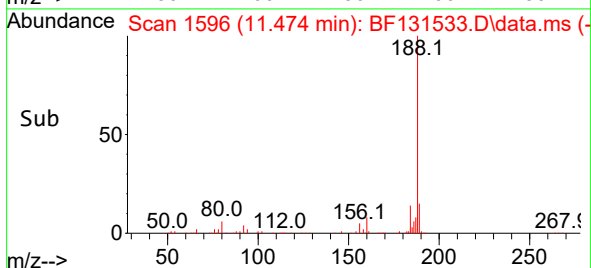
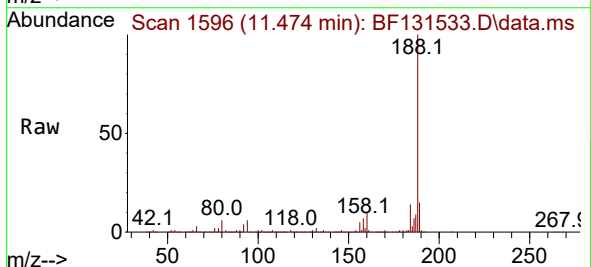
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

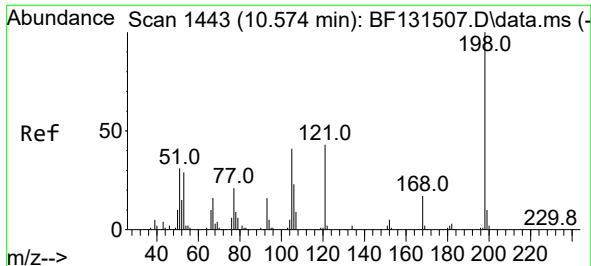
Tgt Ion: 77	Resp: 556974
Ion Ratio	Lower Upper
77 100	
182 29.3	2.6 42.6
105 21.9	0.0 39.1
51 32.9	13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:188	Resp: 408261
Ion Ratio	Lower Upper
188 100	
94 5.8	5.1 7.7
80 6.1	5.9 8.9

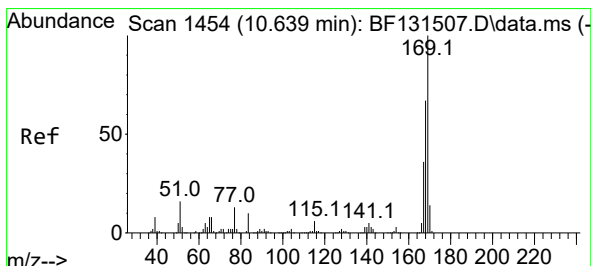
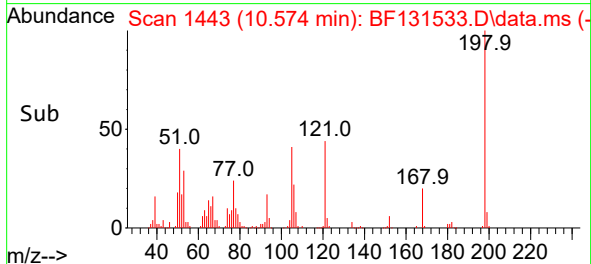
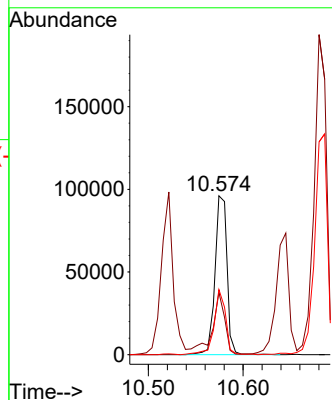
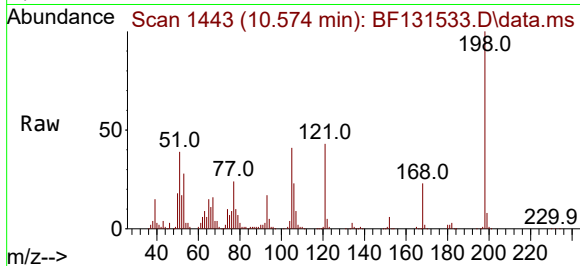




#65
4,6-Dinitro-2-methylphenol
Concen: 37.686 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

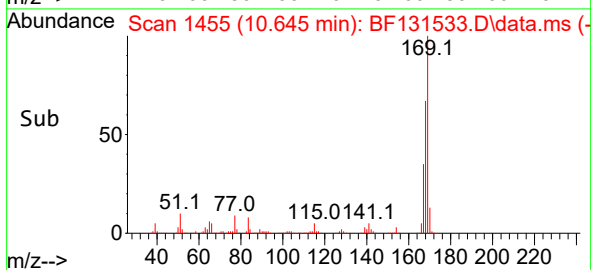
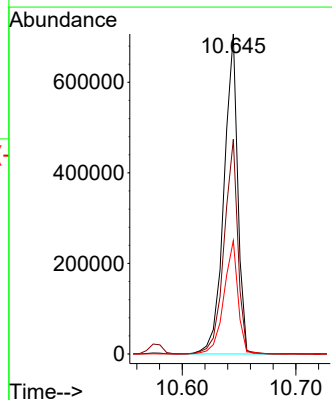
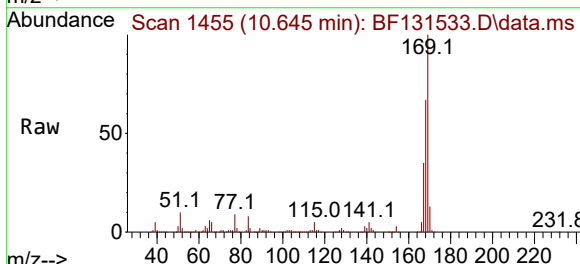
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

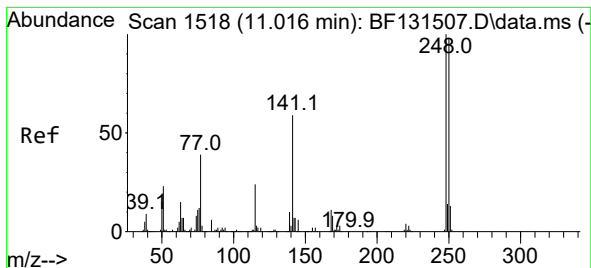
Tgt Ion:198 Resp: 84423
Ion Ratio Lower Upper
198 100
51 39.2 19.7 59.7
105 41.0 21.9 61.9



#66
n-Nitrosodiphenylamine
Concen: 46.553 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:169 Resp: 596487
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 35.4 28.4 42.6

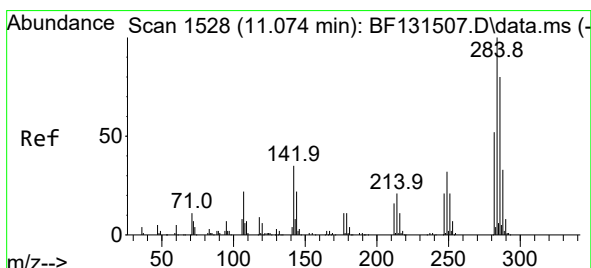
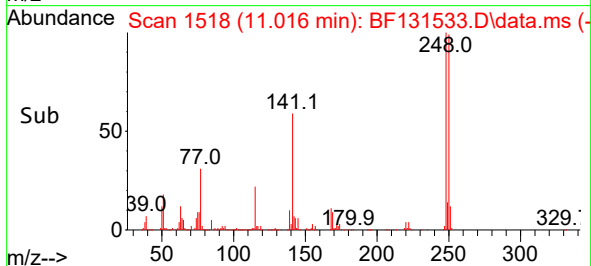
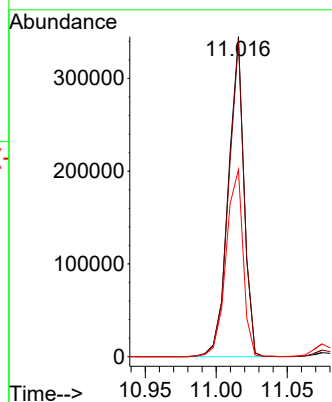
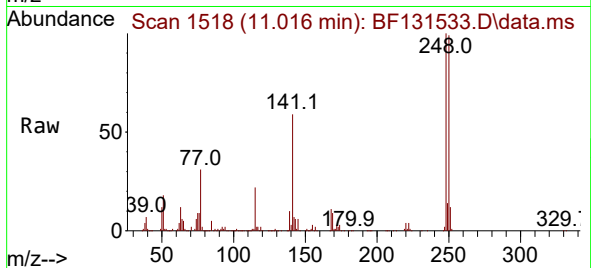




#67
4-Bromophenyl-phenylether
Concen: 51.938 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

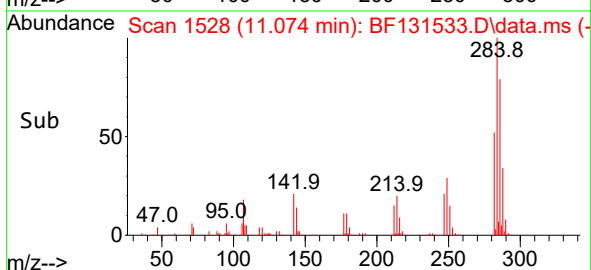
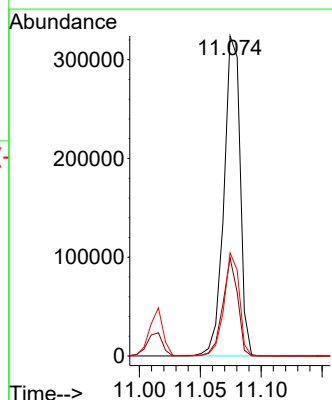
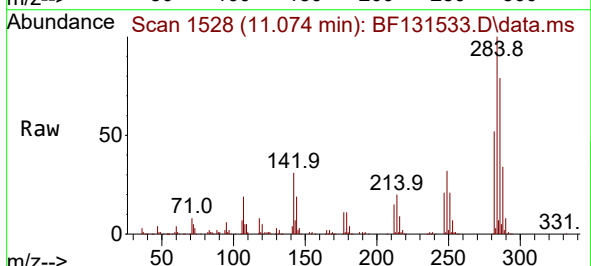
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

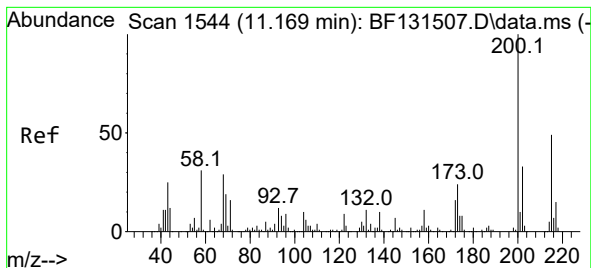
Tgt Ion:248 Resp: 265296
Ion Ratio Lower Upper
248 100
250 98.8 78.6 117.8
141 58.5 47.1 70.7



#68
Hexachlorobenzene
Concen: 53.005 ng
RT: 11.074 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:284 Resp: 300052
Ion Ratio Lower Upper
284 100
142 30.6 28.2 42.4
249 32.2 25.8 38.8





#69

Atrazine

Concen: 57.298 ng

RT: 11.174 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

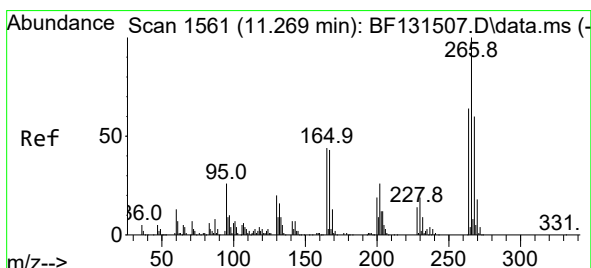
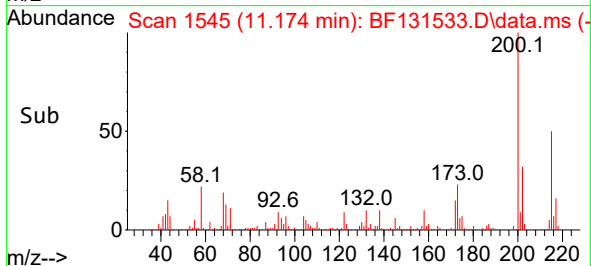
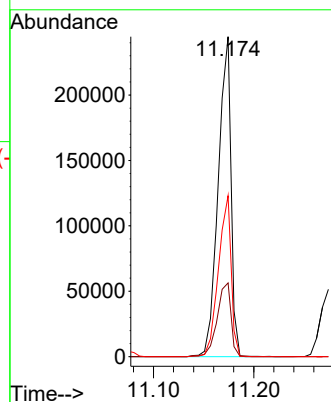
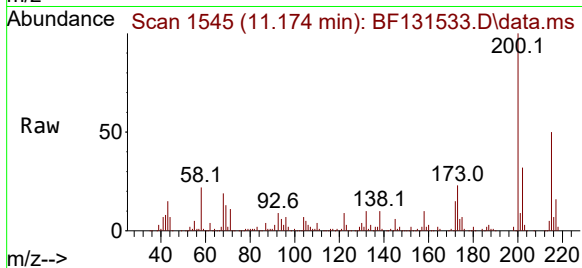
Tgt Ion:200 Resp: 217088

Ion Ratio Lower Upper

200 100

173 23.1 4.4 44.4

215 50.3 29.3 69.3



#70

Pentachlorophenol

Concen: 95.089 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.005 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

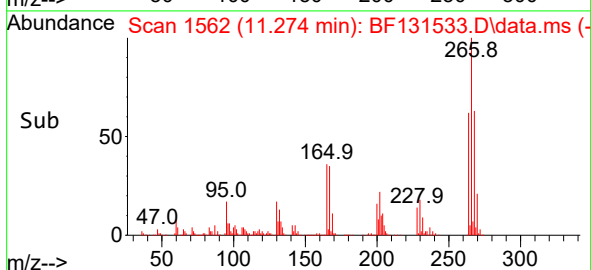
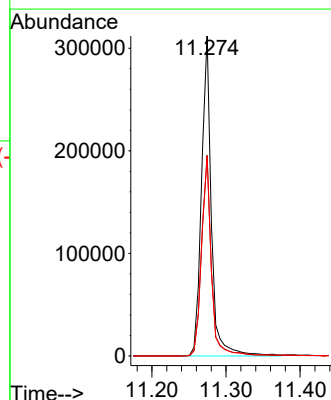
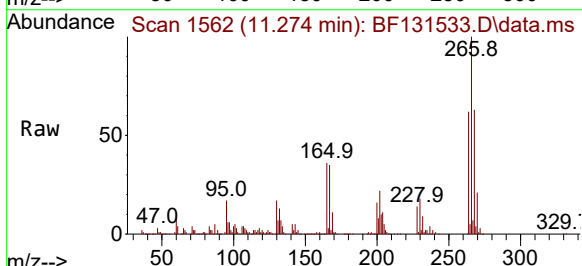
Tgt Ion:266 Resp: 288220

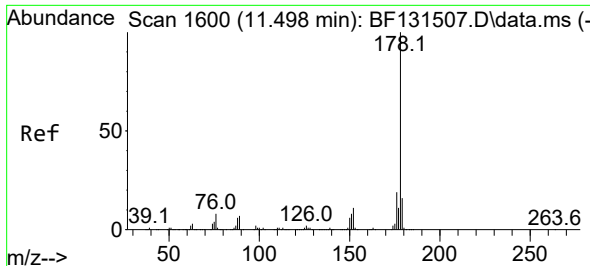
Ion Ratio Lower Upper

266 100

268 62.7 48.0 72.0

264 62.4 51.4 77.0

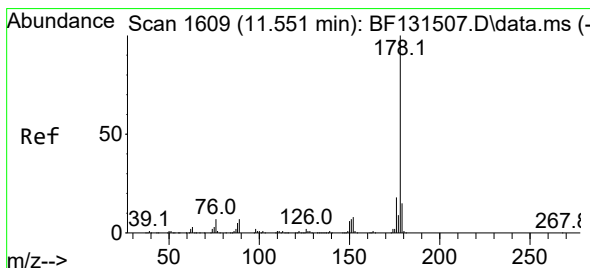
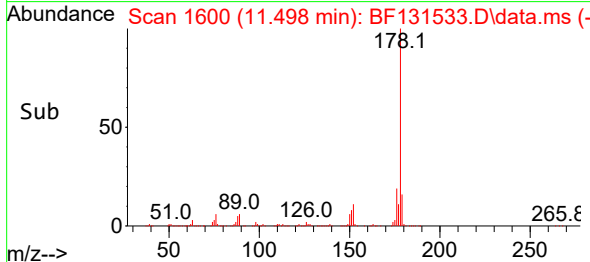
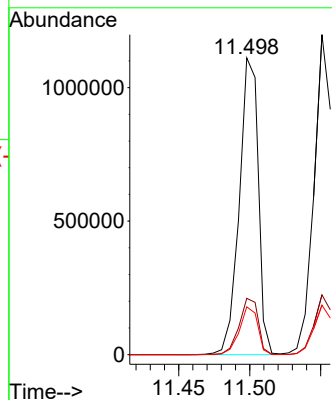
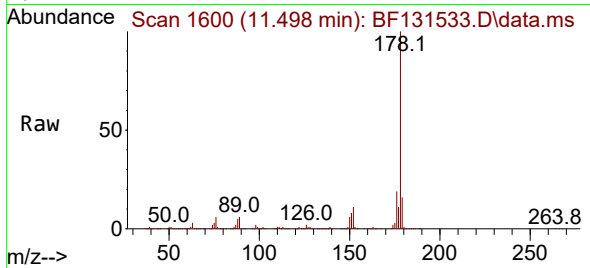




#71
Phenanthrene
Concen: 45.761 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

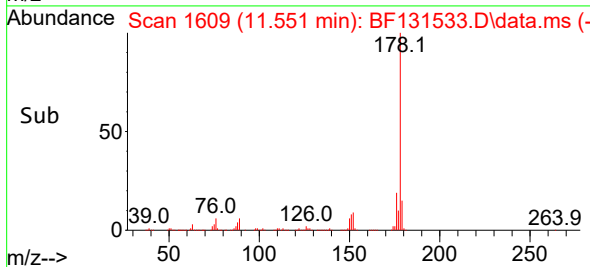
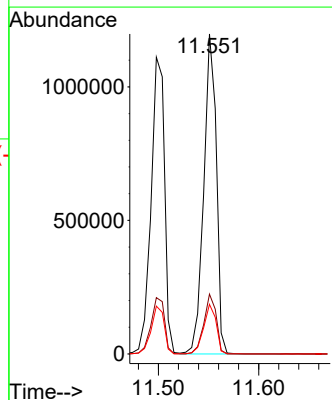
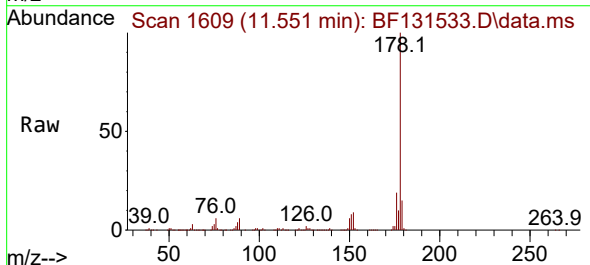
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

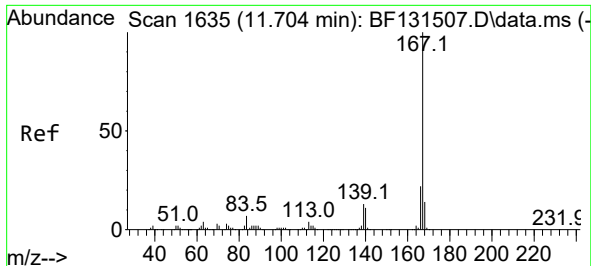
Tgt Ion:178 Resp: 1038123
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.1 12.5 18.7



#72
Anthracene
Concen: 47.111 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:178 Resp: 1050739
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.5 12.3 18.5

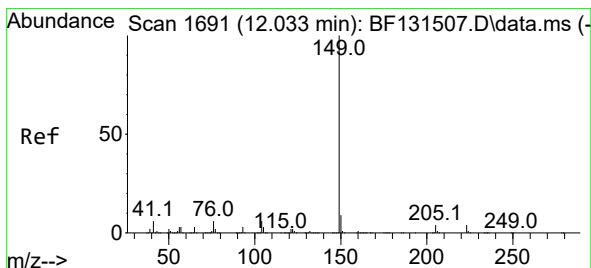
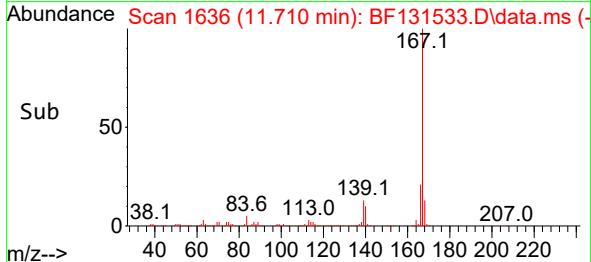
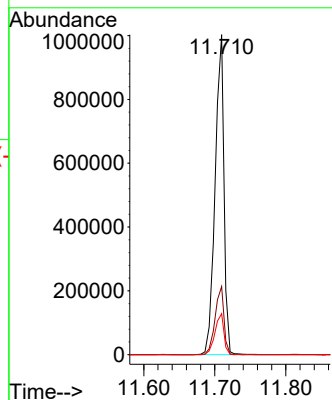
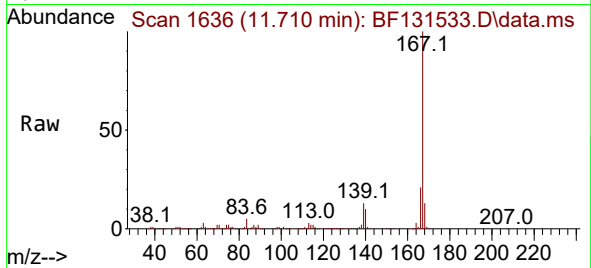




#73
 Carbazole
 Concen: 46.355 ng
 RT: 11.710 min Scan# 1636
 Delta R.T. 0.006 min
 Lab File: BF131533.D
 Acq: 06 Dec 2022 18:22

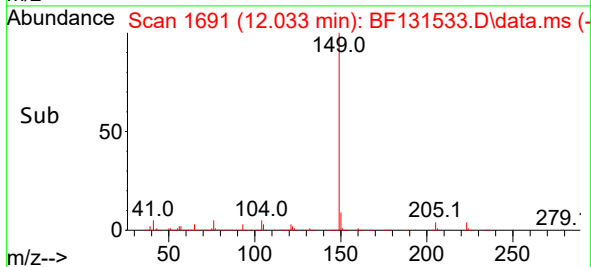
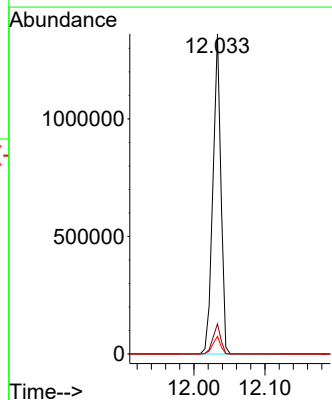
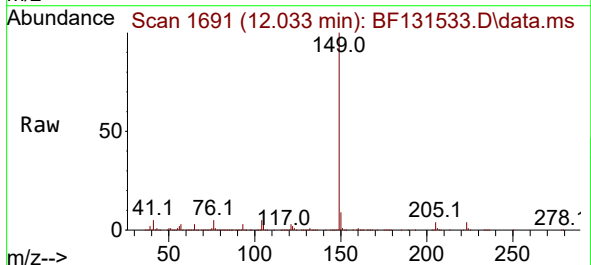
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 ClientSampleId :
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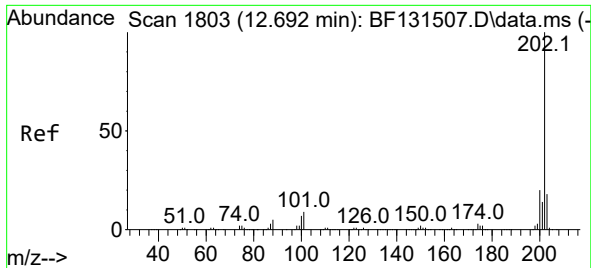
Tgt Ion:167 Resp: 870348
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 12.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 50.688 ng
 RT: 12.033 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BF131533.D
 Acq: 06 Dec 2022 18:22

Tgt Ion:149 Resp: 1062572
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.5 4.7 7.1

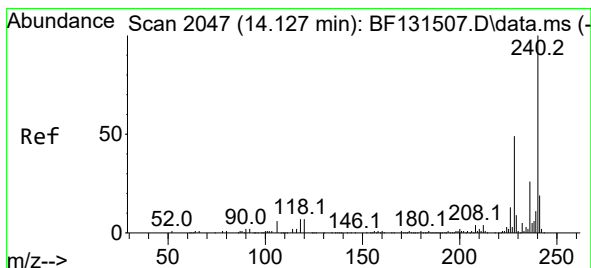
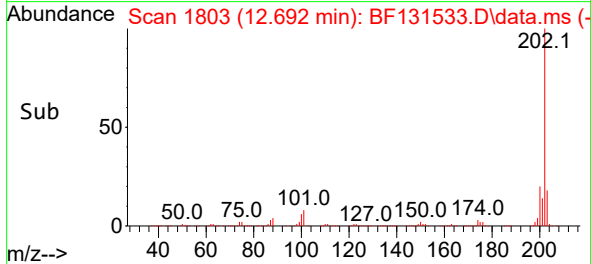
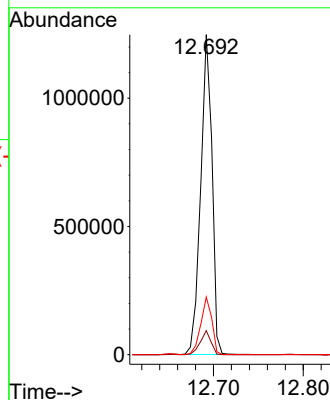
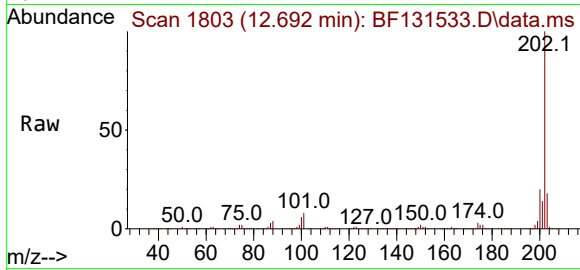




#75
Fluoranthene
Concen: 43.691 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

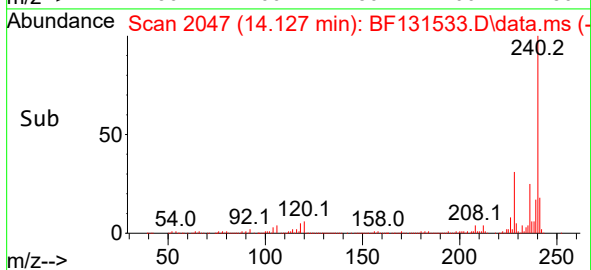
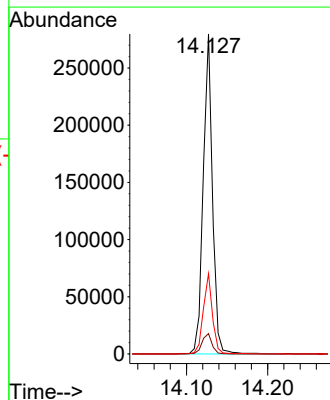
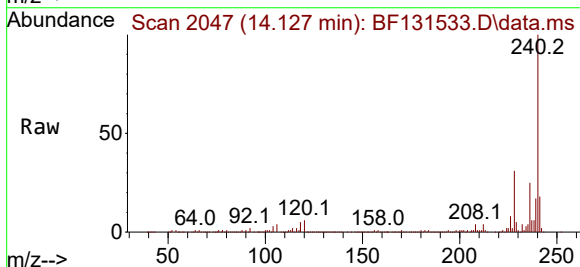
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

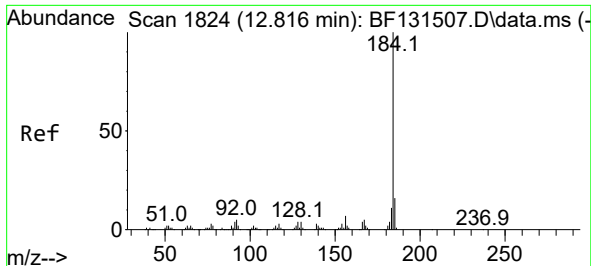
Tgt Ion:202 Resp: 1090847
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.5
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:240 Resp: 221352
Ion Ratio Lower Upper
240 100
120 6.3 5.6 8.4
236 25.1 20.6 31.0

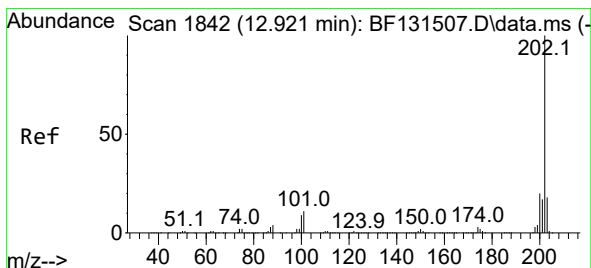
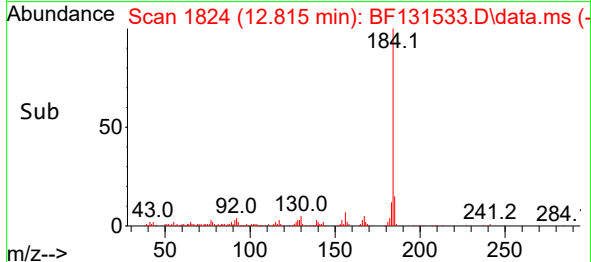
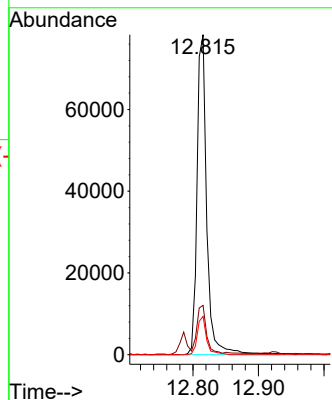
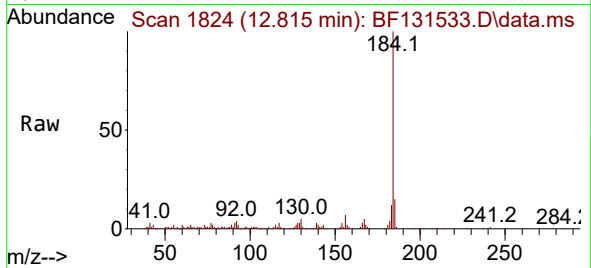




#77
Benzidine
Concen: 23.230 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.001 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

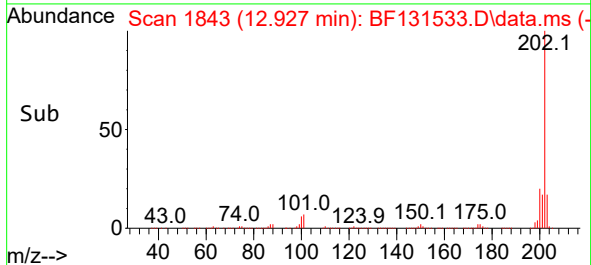
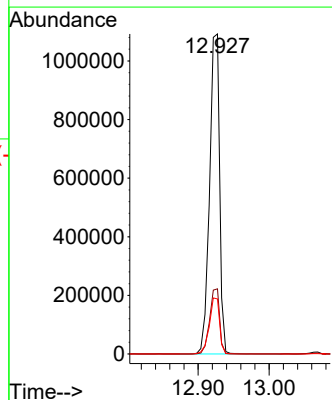
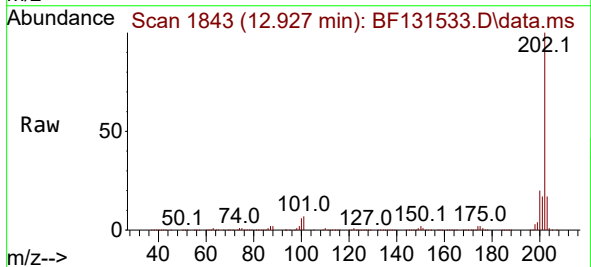
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

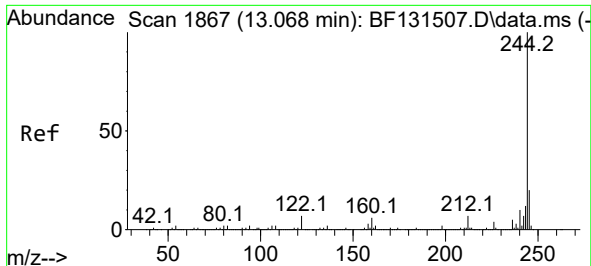
Tgt Ion:184 Resp: 80700
Ion Ratio Lower Upper
184 100
185 15.4 12.6 19.0
183 12.0 9.0 13.4



#78
Pyrene
Concen: 54.196 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:202 Resp: 1074483
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.2 14.2 21.4

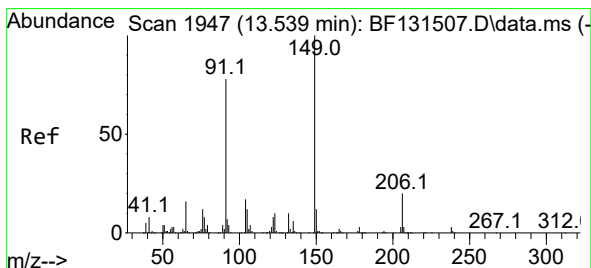
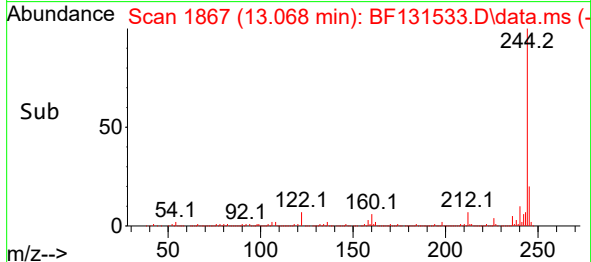
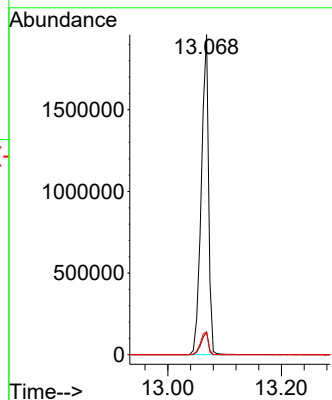
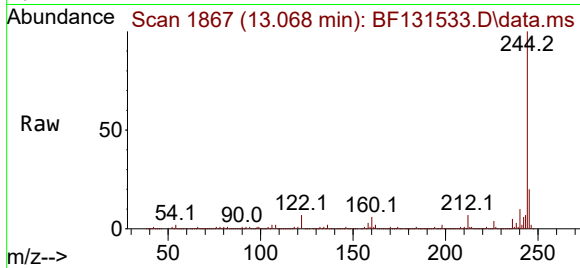




#79
 Terphenyl-d14
 Concen: 118.985 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131533.D
 Acq: 06 Dec 2022 18:22

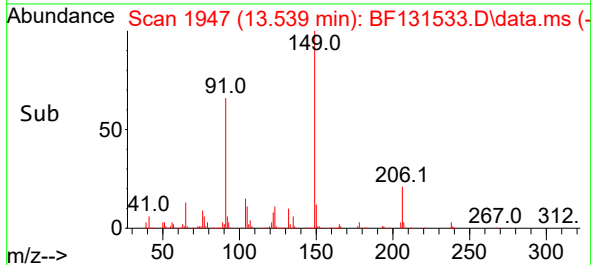
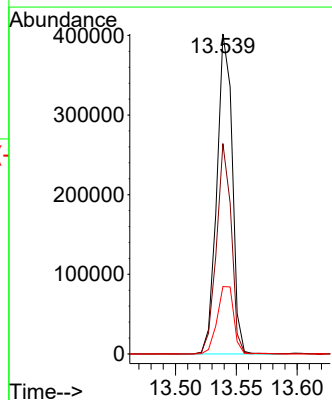
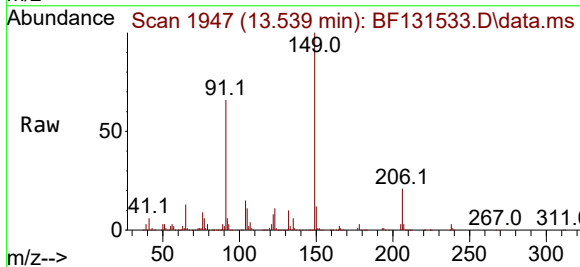
Instrument :
 BNA_F
 ClientSampleId :
 MH-17MSD

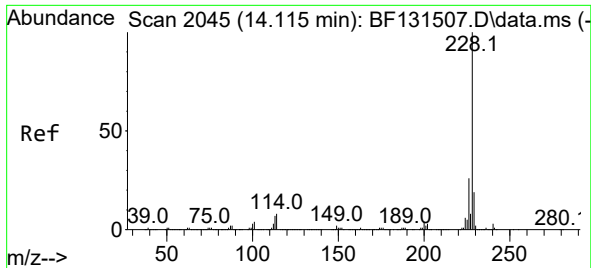
Tgt Ion:244 Resp: 1744012
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 7.1 5.4 8.2



#80
 Butylbenzylphthalate
 Concen: 66.087 ng
 RT: 13.539 min Scan# 1947
 Delta R.T. -0.000 min
 Lab File: BF131533.D
 Acq: 06 Dec 2022 18:22

Tgt Ion:149 Resp: 353422
 Ion Ratio Lower Upper
 149 100
 91 65.8 62.5 93.7
 206 21.0 16.1 24.1

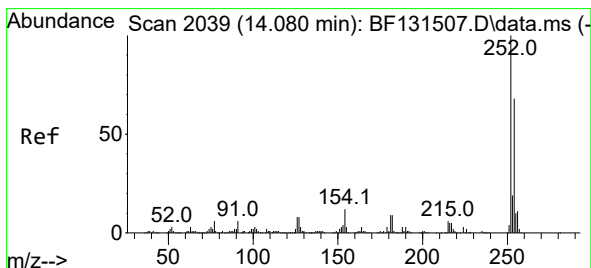
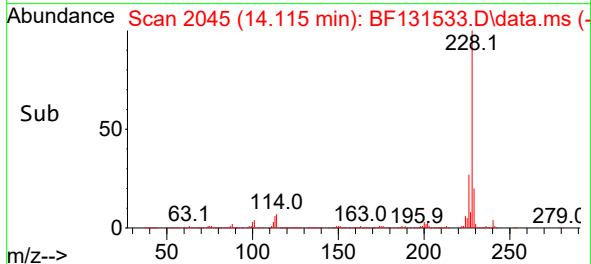
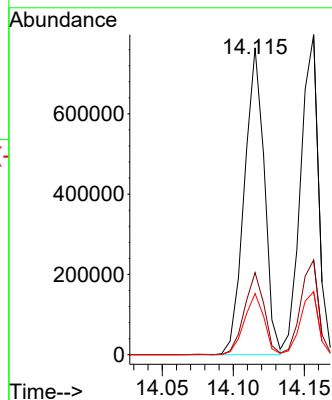
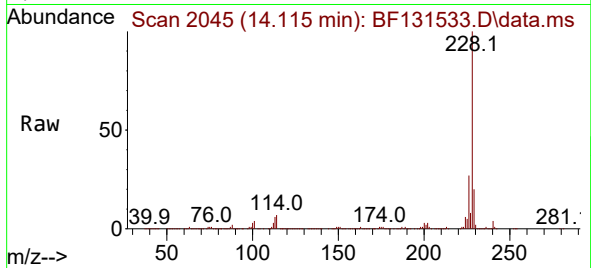




#81
Benzo(a)anthracene
Concen: 49.222 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

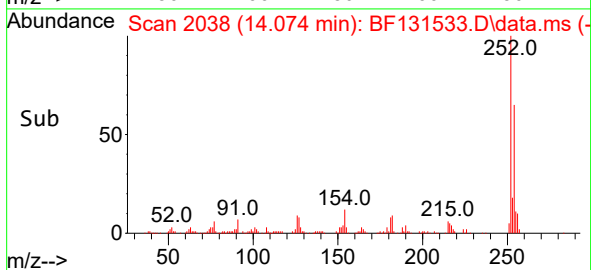
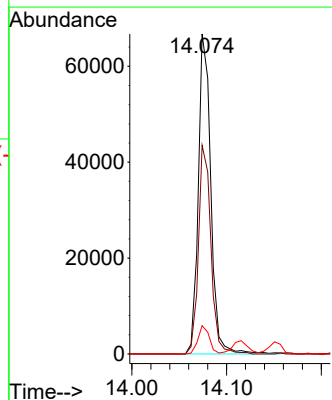
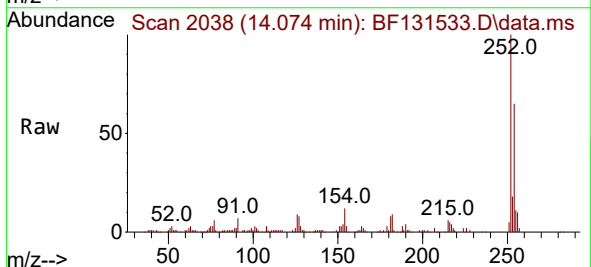
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

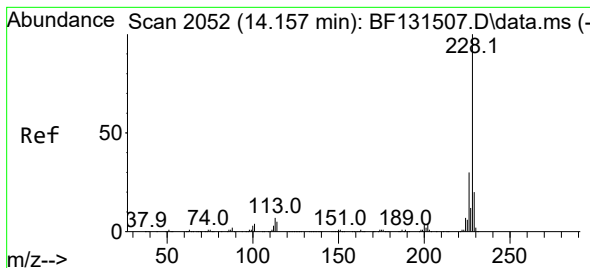
Tgt Ion:228 Resp: 744048
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.4
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 15.043 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:252 Resp: 61581
Ion Ratio Lower Upper
252 100
254 65.2 54.3 81.5
126 8.9 6.3 9.5





#83

Chrysene

Concen: 48.540 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

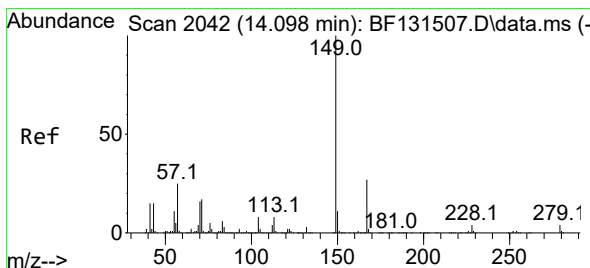
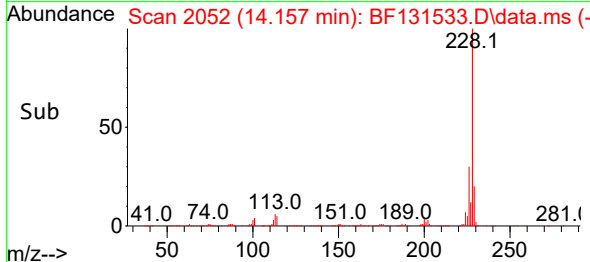
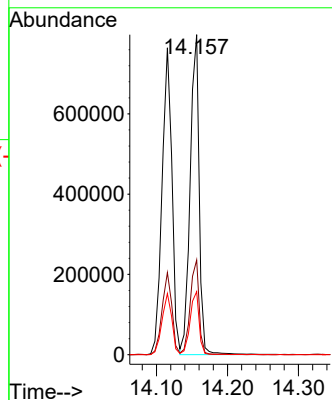
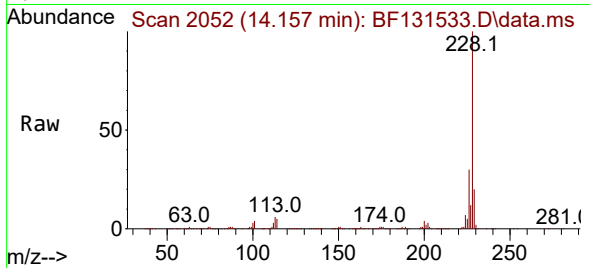
Tgt Ion:228 Resp: 705393

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.029 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

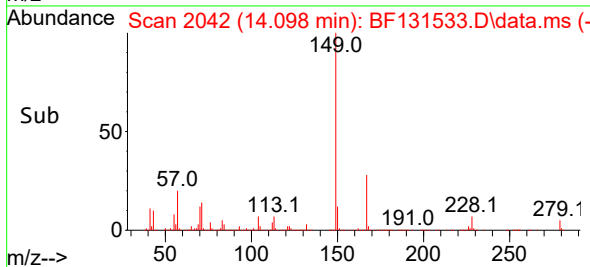
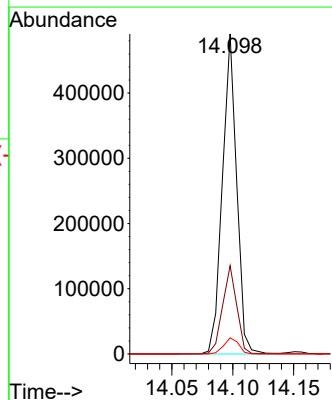
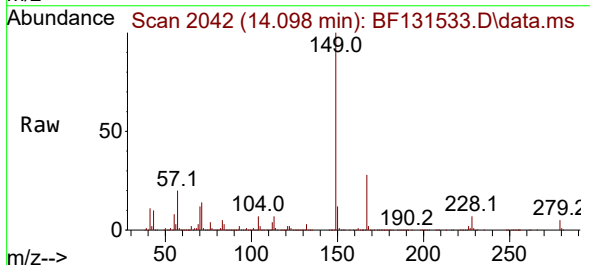
Tgt Ion:149 Resp: 400585

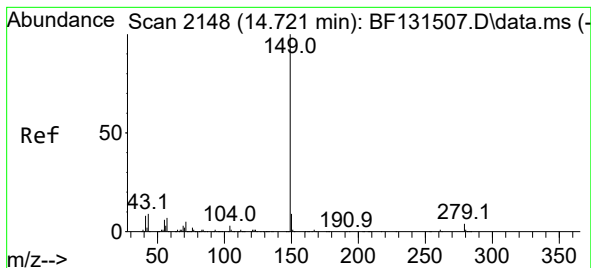
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 56.947 ng

RT: 14.721 min Scan# 2148

Delta R.T. 0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

Instrument :

BNA_F

ClientSampleId :

MH-17MSD

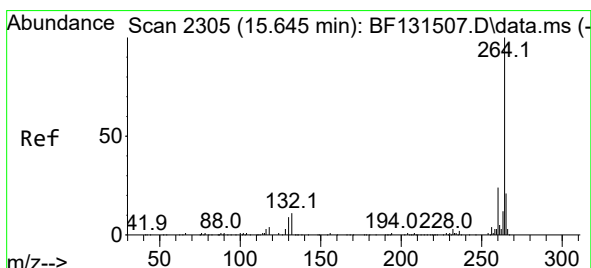
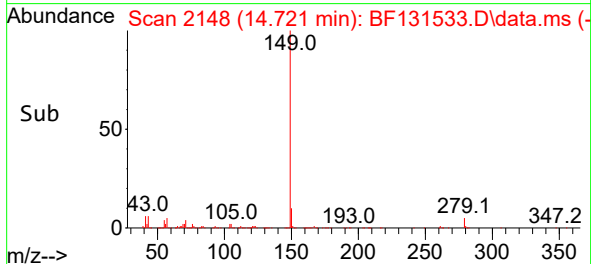
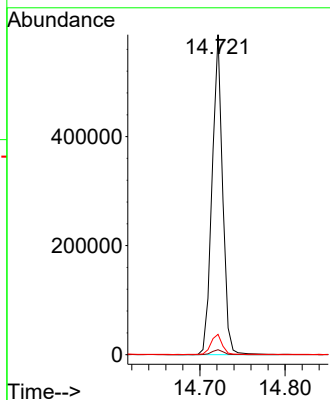
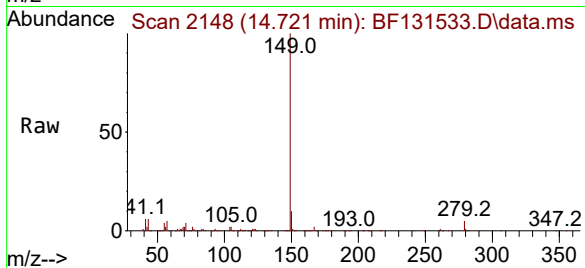
Tgt Ion:149 Resp: 504636

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 6.7 7.4 11.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2305

Delta R.T. -0.000 min

Lab File: BF131533.D

Acq: 06 Dec 2022 18:22

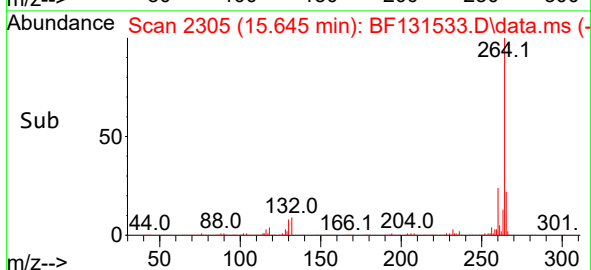
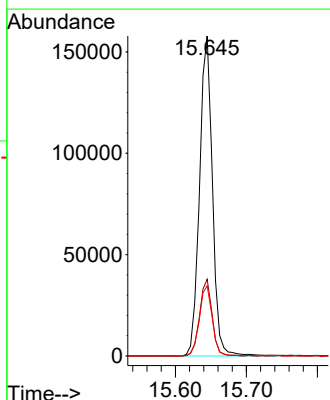
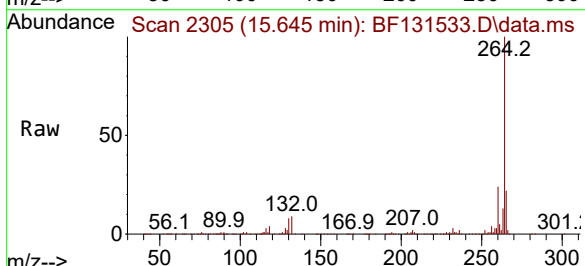
Tgt Ion:264 Resp: 199744

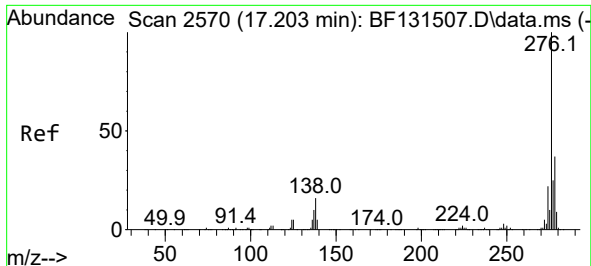
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.9 17.0 25.4

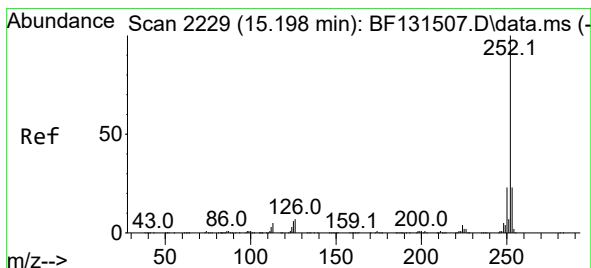
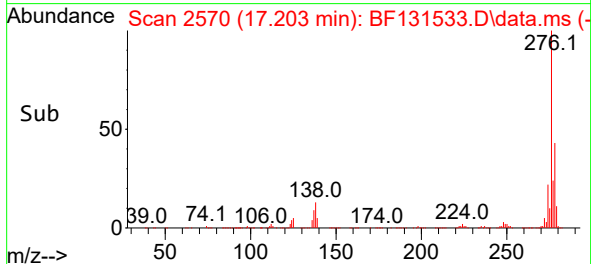
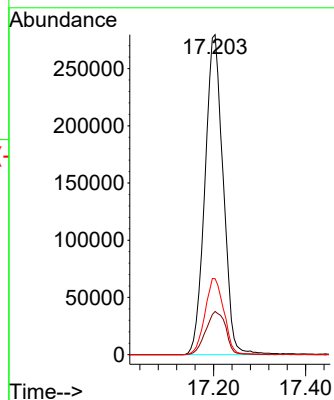
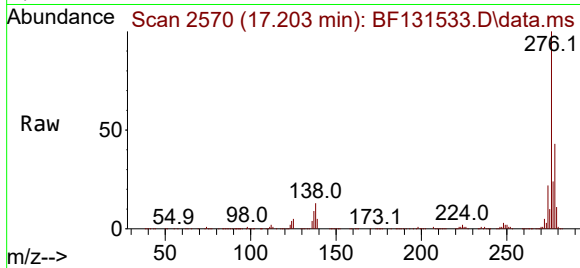




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.428 ng
RT: 17.203 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

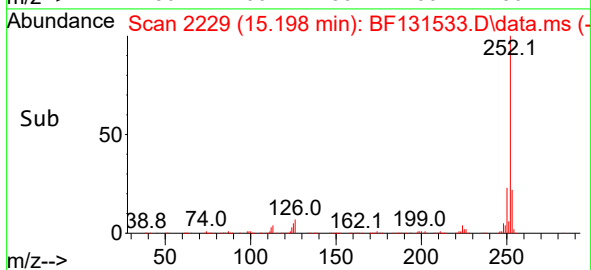
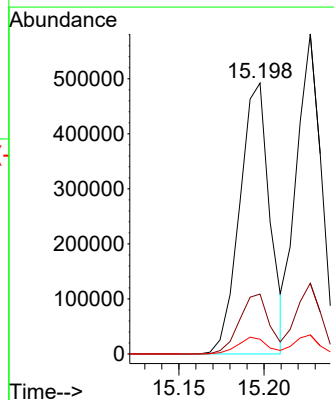
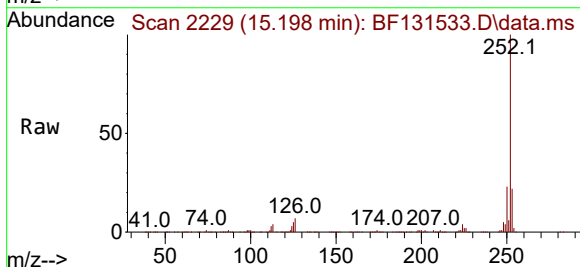
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

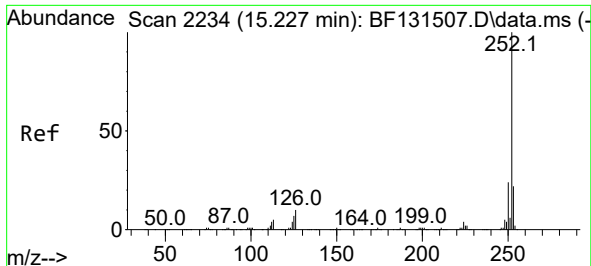
Tgt Ion:276 Resp: 770311
Ion Ratio Lower Upper
276 100
138 14.9 13.2 19.8
277 24.9 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 46.726 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:252 Resp: 606273
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 5.4 5.0 7.6

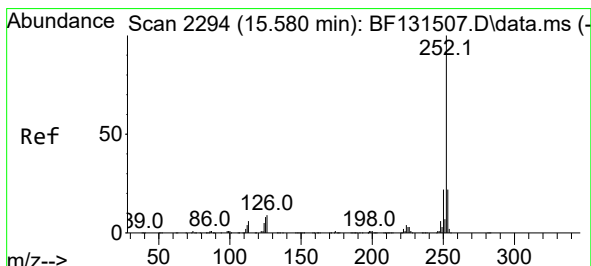
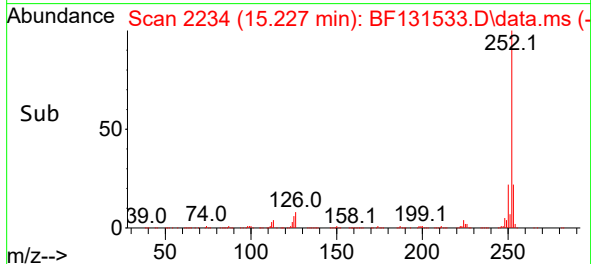
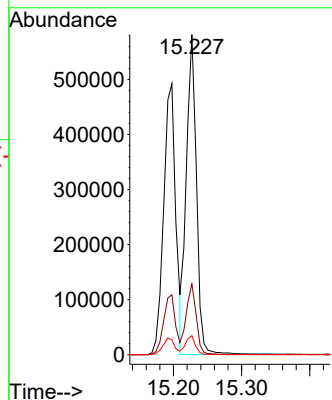
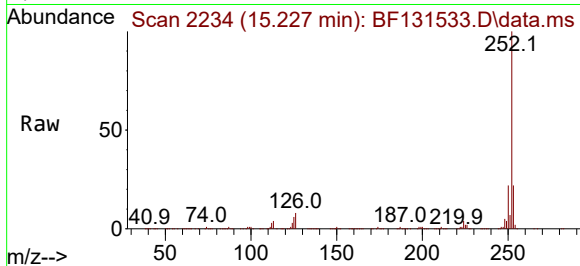




#89
Benzo(k)fluoranthene
Concen: 42.642 ng
RT: 15.227 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

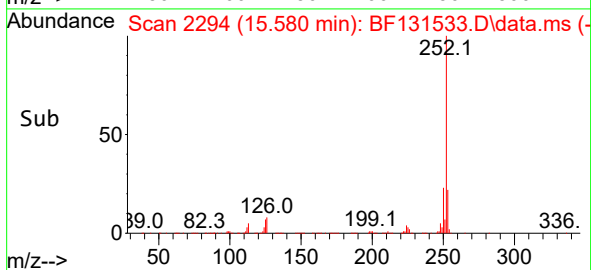
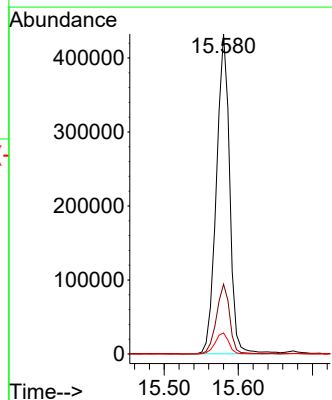
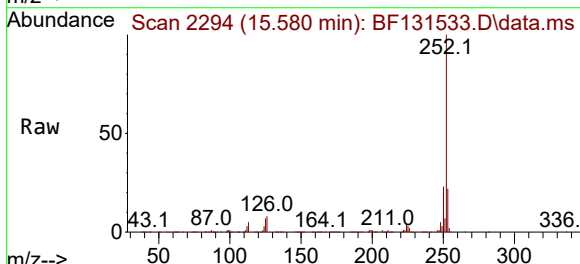
Instrument :
BNA_F
ClientSampleId :
MH-17MSD

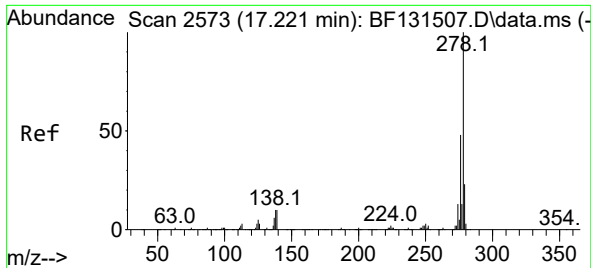
Tgt Ion:252 Resp: 600596
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 5.9 5.3 7.9



#90
Benzo(a)pyrene
Concen: 49.791 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:252 Resp: 536121
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 6.5 6.1 9.1

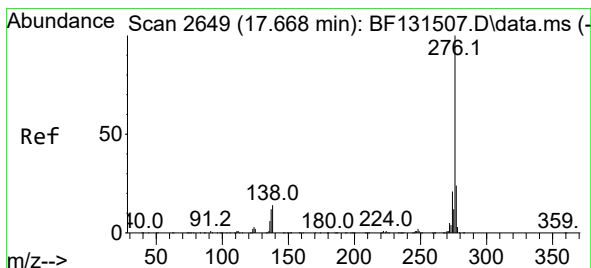
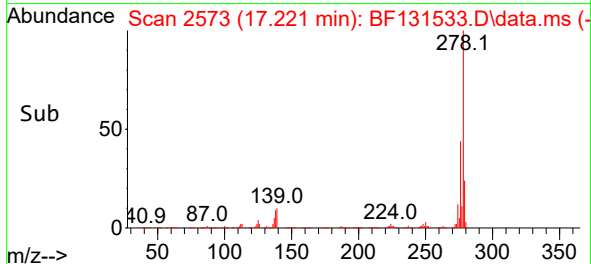
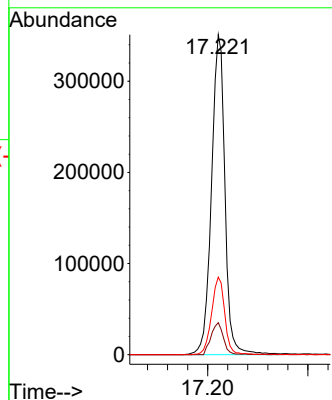
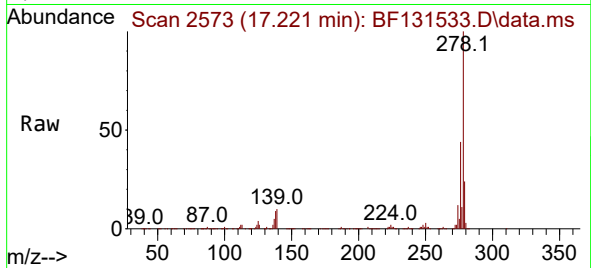




#91
Dibenzo(a,h)anthracene
Concen: 51.275 ng
RT: 17.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Instrument :
BNA_F
ClientSampleId :
MH-17MSD

Tgt Ion:278 Resp: 652940
Ion Ratio Lower Upper
278 100
139 10.0 8.4 12.6
279 24.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 55.220 ng
RT: 17.674 min Scan# 2650
Delta R.T. 0.006 min
Lab File: BF131533.D
Acq: 06 Dec 2022 18:22

Tgt Ion:276 Resp: 644103
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 12.7 11.7 17.5

