

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
 Data File : BF131513.D
 Acq On : 05 Dec 2022 22:25
 Operator : CG\JU
 Sample : PB149409BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS

Quant Time: Dec 06 02:15:14 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	96349	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	367421	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	212212	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	413326	20.000	ng	0.00
76) Chrysene-d12	14.133	240	297888	20.000	ng	0.00
86) Perylene-d12	15.651	264	231068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	858410	152.144	ng	0.02
7) Phenol-d6	6.551	99	1032245	146.510	ng	0.00
23) Nitrobenzene-d5	7.492	82	648627	81.023	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	413328	171.057	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1406458	86.945	ng	0.00
79) Terphenyl-d14	13.069	244	1936806	98.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	94838	39.266	ng	94
3) Pyridine	3.557	79	242100	35.909	ng	98
4) n-Nitrosodimethylamine	3.534	42	138346	40.042	ng	90
6) Aniline	6.587	93	227830	26.194	ng	96
8) 2-Chlorophenol	6.704	128	307549	51.044	ng	91
9) Benzaldehyde	6.469	77	48214	10.721	ng	90
10) Phenol	6.563	94	386469	48.490	ng	97
11) bis(2-Chloroethyl)ether	6.657	93	285356	48.475	ng	95
12) 1,3-Dichlorobenzene	6.863	146	344539	48.992	ng	95
13) 1,4-Dichlorobenzene	6.940	146	347669	48.372	ng	97
14) 1,2-Dichlorobenzene	7.092	146	329268	49.169	ng	98
15) Benzyl Alcohol	7.069	79	264529	44.888	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	257008	44.540	ng	99
17) 2-Methylphenol	7.175	107	241601	48.007	ng	97
18) Hexachloroethane	7.439	117	127761	47.846	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	207561	43.529	ng	99
20) 3+4-Methylphenols	7.328	107	321733	47.273	ng	95
22) Acetophenone	7.340	105	457908	45.928	ng	98
24) Nitrobenzene	7.510	77	328274	40.641	ng	92
25) Isophorone	7.751	82	569823	45.759	ng	95
26) 2-Nitrophenol	7.828	139	154290	52.170	ng	93
27) 2,4-Dimethylphenol	7.863	122	268929	55.385	ng	96
28) bis(2-Chloroethoxy)met...	7.963	93	338701	49.062	ng	99
29) 2,4-Dichlorophenol	8.069	162	271275	48.234	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	318085	45.262	ng	98
31) Naphthalene	8.239	128	877793	43.214	ng	100
32) Benzoic acid	7.992	122	151488	51.734	ng	95
33) 4-Chloroaniline	8.281	127	71529	9.402	ng	98
34) Hexachlorobutadiene	8.345	225	222361	44.301	ng	99
35) Caprolactam	8.663	113	39578	25.068	ng	91
36) 4-Chloro-3-methylphenol	8.769	107	276766	46.034	ng	98
37) 2-Methylnaphthalene	8.934	142	609087	44.810	ng	97
38) 1-Methylnaphthalene	9.034	142	572618	43.841	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	366015	46.690	ng	99
41) Hexachlorocyclopentadiene	9.081	237	481536	136.362	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	223392	47.132	ng	99

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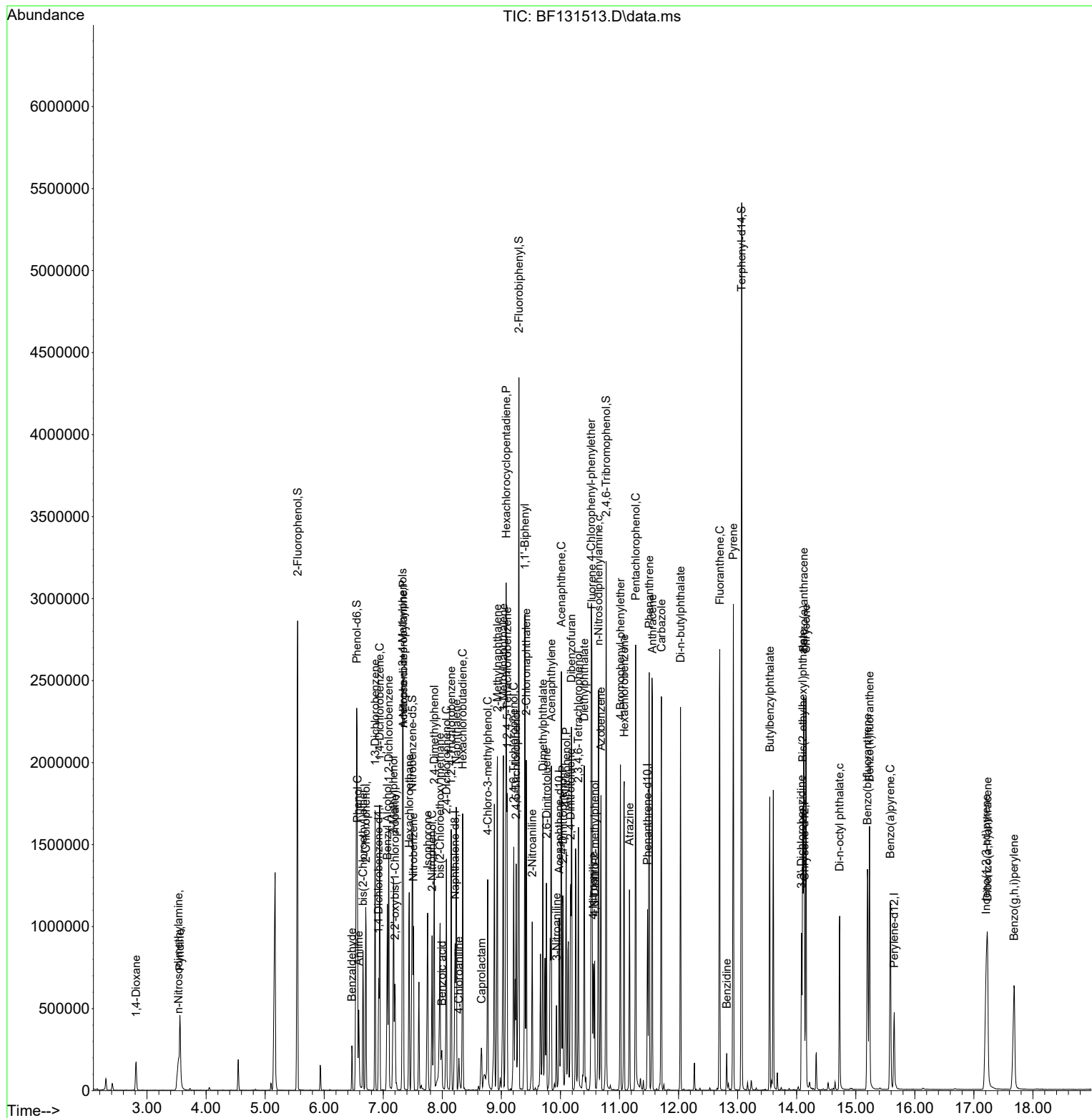
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	227429	44.993	ng	98
46) 1,1'-Biphenyl	9.398	154	769572	45.990	ng	99
47) 2-Chloronaphthalene	9.422	162	606634	44.380	ng	100
48) 2-Nitroaniline	9.522	65	156815	39.705	ng	97
49) Acenaphthylene	9.845	152	907875	44.464	ng	99
50) Dimethylphthalate	9.704	163	695427	45.340	ng	100
51) 2,6-Dinitrotoluene	9.763	165	153634	46.878	ng	100
52) Acenaphthene	10.016	154	566617	42.773	ng	98
53) 3-Nitroaniline	9.933	138	69823	20.354	ng	89
54) 2,4-Dinitrophenol	10.045	184	181178	110.177	ng	# 82
55) Dibenzofuran	10.186	168	875575	45.276	ng	100
56) 4-Nitrophenol	10.098	139	236412	98.757	ng	90
57) 2,4-Dinitrotoluene	10.175	165	214039	49.774	ng	# 75
58) Fluorene	10.533	166	708774	44.414	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	203531	47.469	ng	97
60) Diethylphthalate	10.404	149	686291	45.381	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	373687	45.267	ng	96
62) 4-Nitroaniline	10.557	138	145568	42.560	ng	90
63) Azobenzene	10.686	77	591171	39.643	ng	91
65) 4,6-Dinitro-2-methylph...	10.580	198	115482	50.919	ng	90
66) n-Nitrosodiphenylamine	10.645	169	590055	45.487	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	245081	47.393	ng	96
68) Hexachlorobenzene	11.080	284	276334	48.217	ng	# 89
69) Atrazine	11.169	200	157312	41.012	ng	99
70) Pentachlorophenol	11.275	266	325659	106.124	ng	98
71) Phenanthrene	11.504	178	1043035	45.414	ng	100
72) Anthracene	11.557	178	1056089	46.771	ng	100
73) Carbazole	11.710	167	913428	48.053	ng	99
74) Di-n-butylphthalate	12.033	149	1036683	48.847	ng	99
75) Fluoranthene	12.698	202	1181546	46.744	ng	98
77) Benzidine	12.816	184	91233	18.137	ng	100
78) Pyrene	12.927	202	1168057	43.779	ng	100
80) Butylbenzylphthalate	13.545	149	395209	54.914	ng	86
81) Benzo(a)anthracene	14.121	228	925643	45.502	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	204536	37.127	ng	96
83) Chrysene	14.157	228	875476	44.765	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	470077	58.447	ng	99
85) Di-n-octyl phthalate	14.727	149	578562	51.422	ng	96
87) Indeno(1,2,3-cd)pyrene	17.209	276	772985	43.277	ng	99
88) Benzo(b)fluoranthene	15.198	252	752678	50.146	ng	99
89) Benzo(k)fluoranthene	15.233	252	752267	46.170	ng	99
90) Benzo(a)pyrene	15.586	252	644334	51.729	ng	98
91) Dibenzo(a,h)anthracene	17.233	278	652674	44.779	ng	98
92) Benzo(g,h,i)perylene	17.680	276	639582	47.399	ng	100

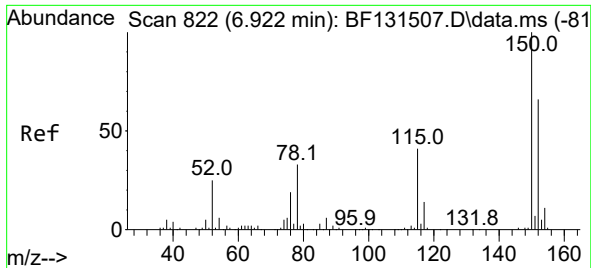
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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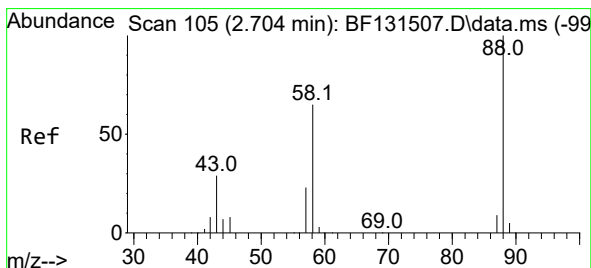
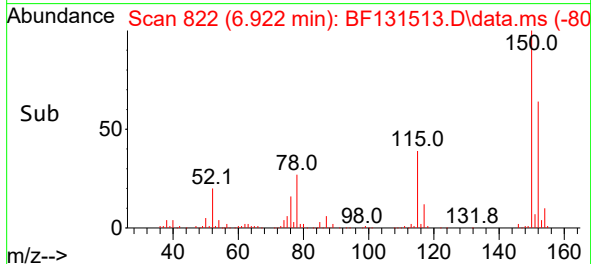
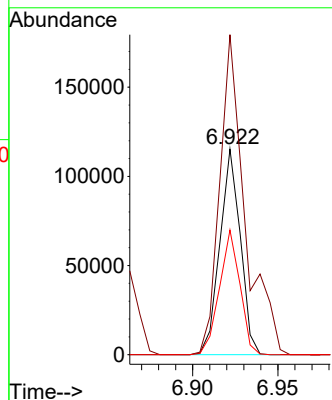
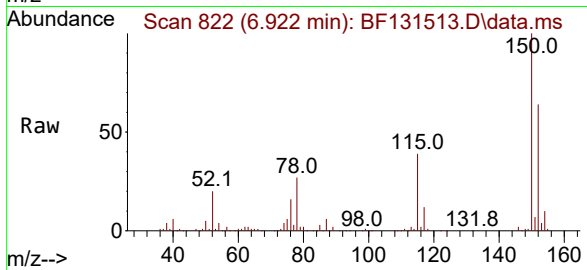




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131513.D
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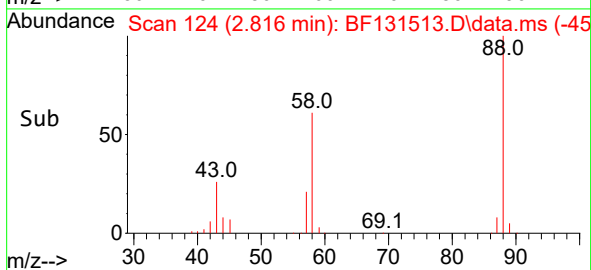
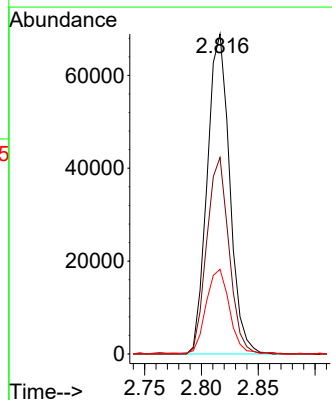
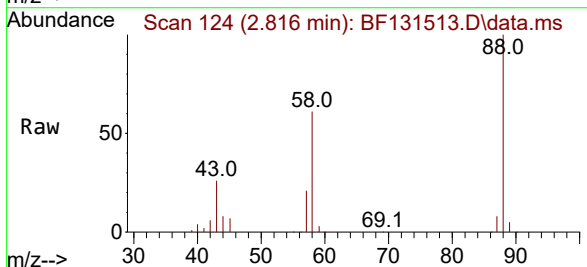
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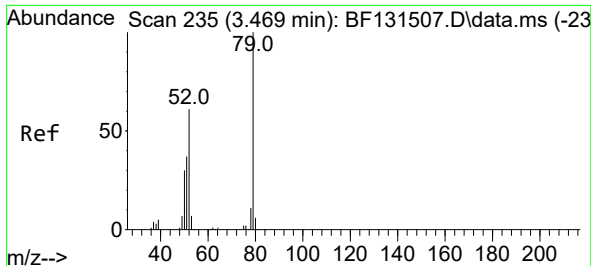
Tgt Ion:152 Resp: 96349
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.9 182.9
 115 60.6 50.4 75.6



#2
 1,4-Dioxane
 Concen: 39.266 ng
 RT: 2.816 min Scan# 124
 Delta R.T. 0.112 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

Tgt Ion: 88 Resp: 94838
 Ion Ratio Lower Upper
 88 100
 58 60.8 52.9 79.3
 43 27.7 23.8 35.6

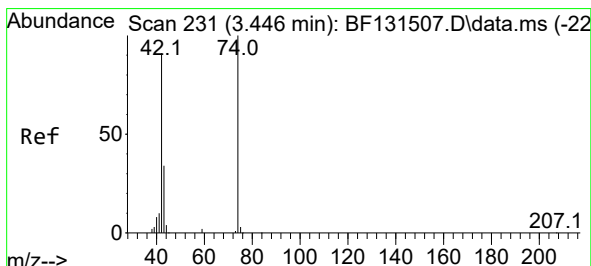
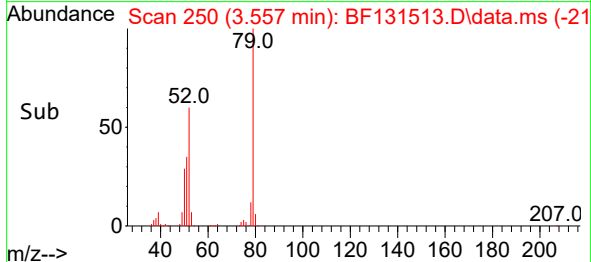
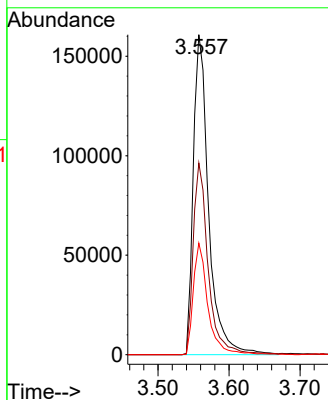
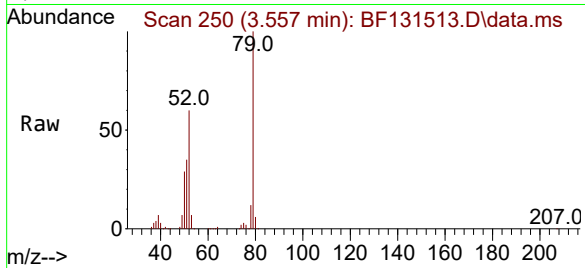




#3
Pyridine
Concen: 35.909 ng
RT: 3.557 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

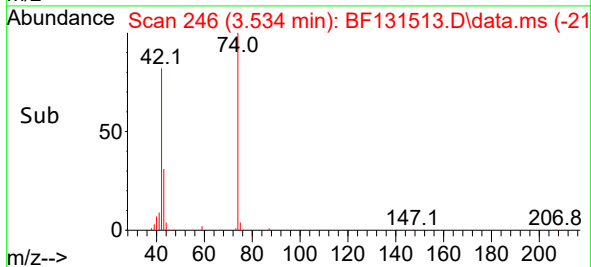
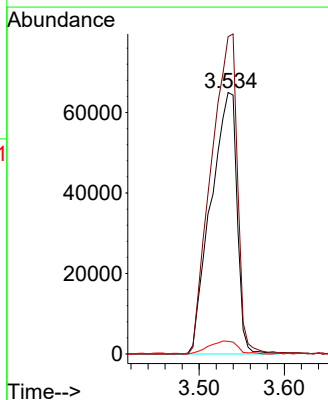
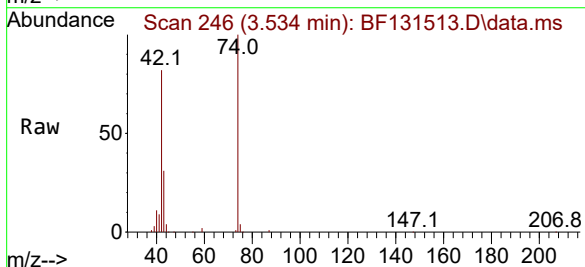
Instrument :
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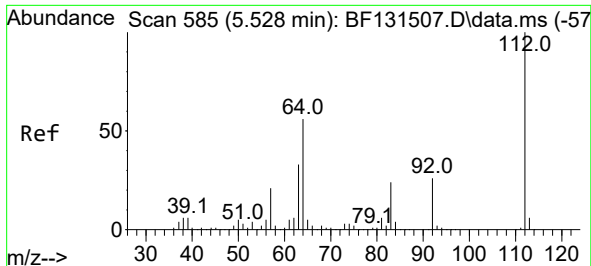
Tgt Ion: 79 Resp: 242100
Ion Ratio Lower Upper
79 100
52 59.9 48.5 72.7
51 34.9 29.4 44.0



#4
n-Nitrosodimethylamine
Concen: 40.042 ng
RT: 3.534 min Scan# 246
Delta R.T. 0.088 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion: 42 Resp: 138346
Ion Ratio Lower Upper
42 100
74 121.4 88.1 132.1
44 4.8 3.7 5.5

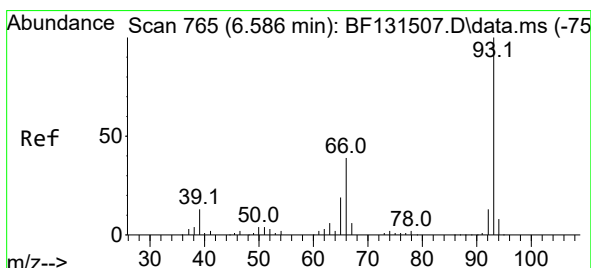
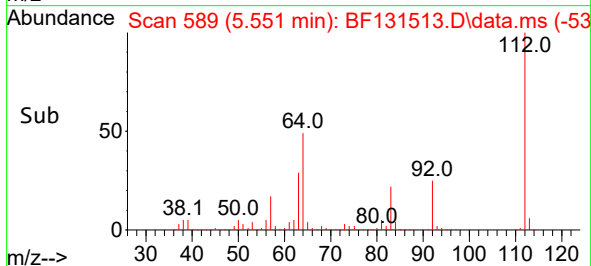
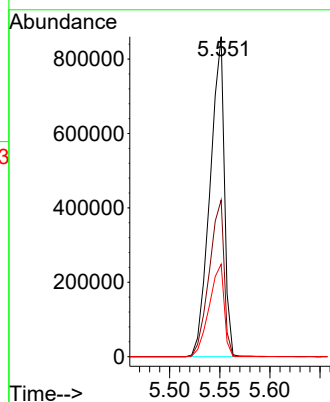
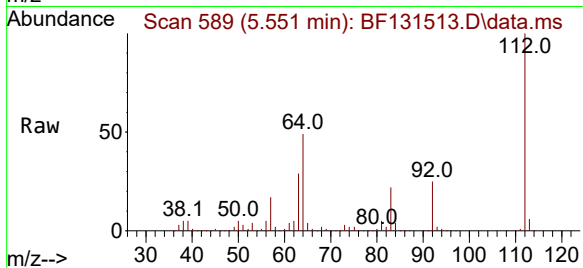




#5
2-Fluorophenol
Concen: 152.144 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.024 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

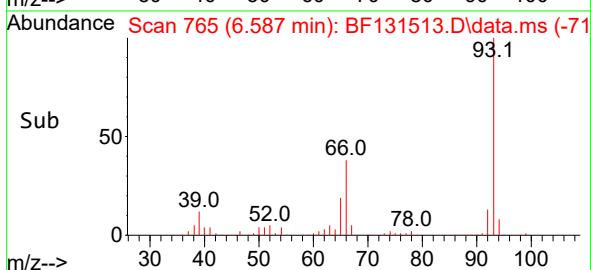
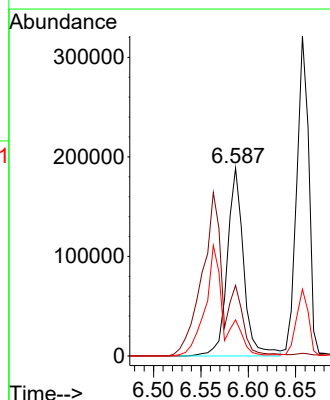
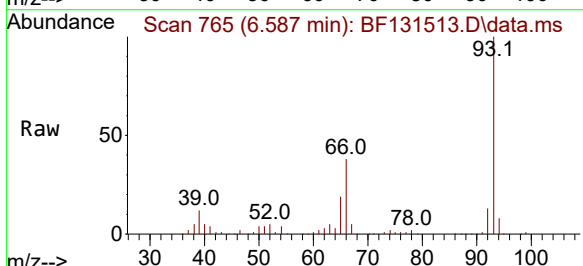
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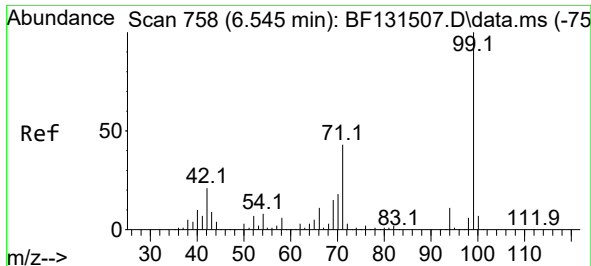
Tgt Ion:112 Resp: 858410
Ion Ratio Lower Upper
112 100
64 49.0 44.5 66.7
63 28.9 26.7 40.1



#6
Aniline
Concen: 26.194 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion: 93 Resp: 227830
Ion Ratio Lower Upper
93 100
66 37.5 32.6 49.0
65 19.3 15.8 23.8





#7

Phenol-d6

Concen: 146.510 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

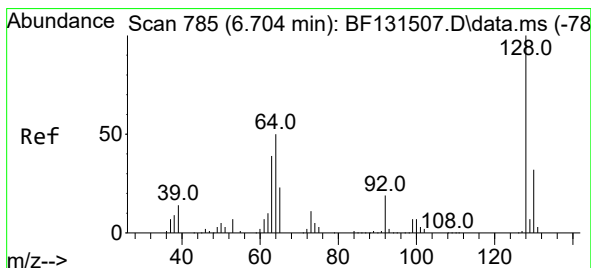
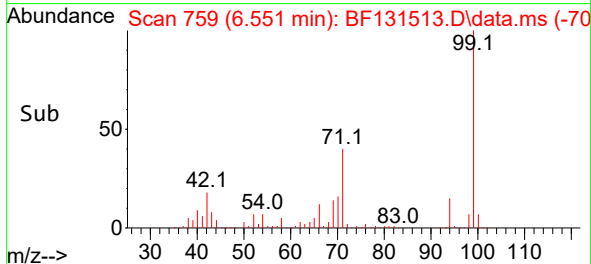
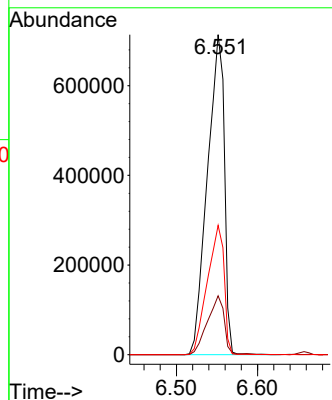
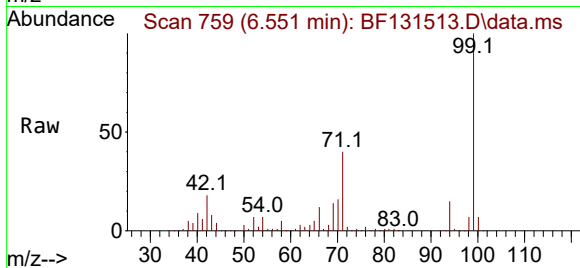
BNA_F

ClientSampleId :

PB149409BS

Tgt Ion: 99 Resp: 1032245

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.6	25.0
71	40.4	34.4	51.6



#8

2-Chlorophenol

Concen: 51.044 ng

RT: 6.704 min Scan# 785

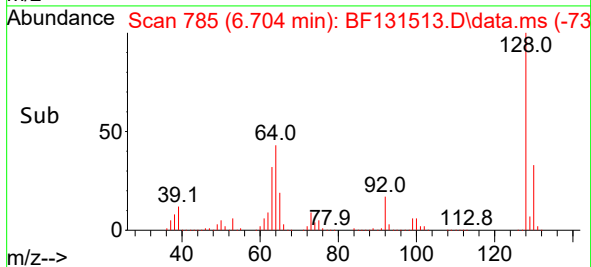
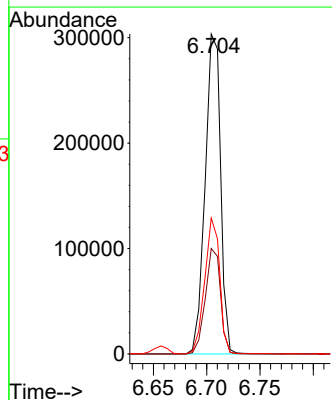
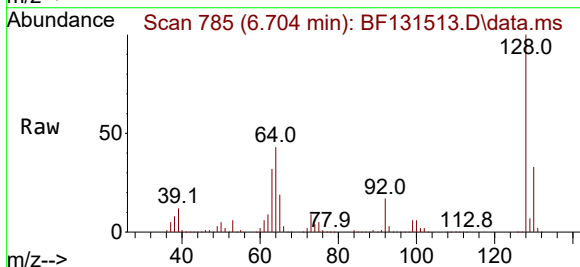
Delta R.T. 0.000 min

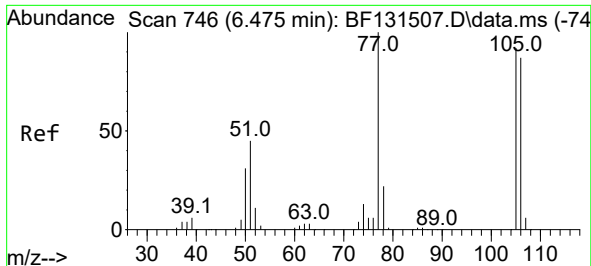
Lab File: BF131513.D

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Tgt Ion: 128 Resp: 307549

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.9	51.9
64	42.5	31.7	71.7

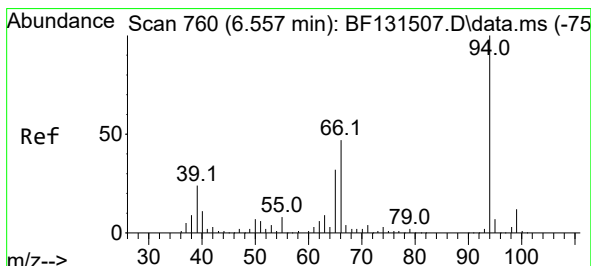
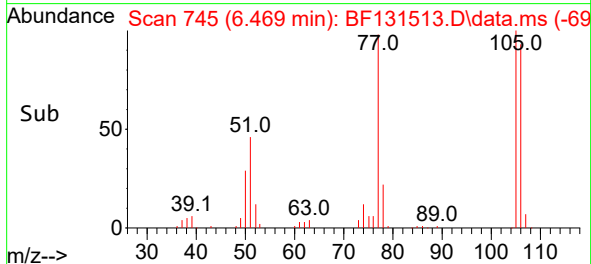
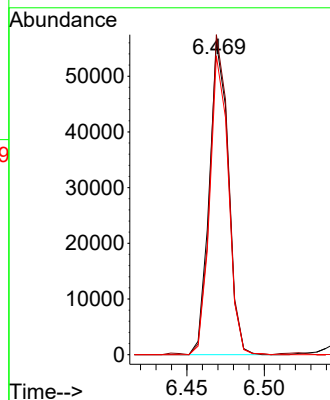
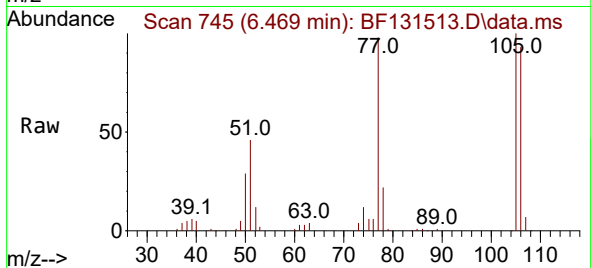




#9
Benzaldehyde
Concen: 10.721 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.006 min
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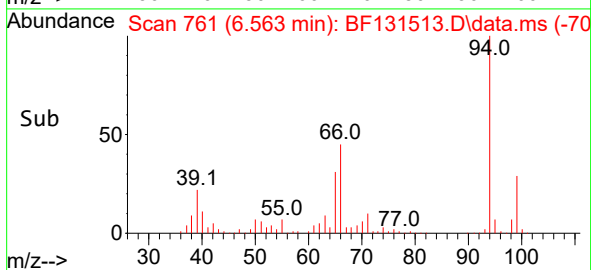
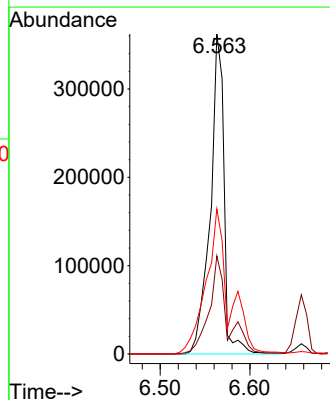
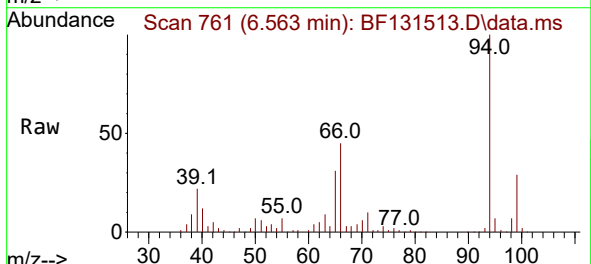
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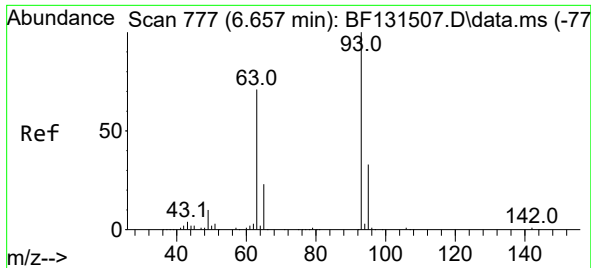
Tgt Ion: 77 Resp: 48214
Ion Ratio Lower Upper
77 100
105 102.3 71.9 111.9
106 95.6 67.2 107.2



#10
Phenol
Concen: 48.490 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion: 94 Resp: 386469
Ion Ratio Lower Upper
94 100
65 30.6 12.1 52.1
66 45.4 27.1 67.1

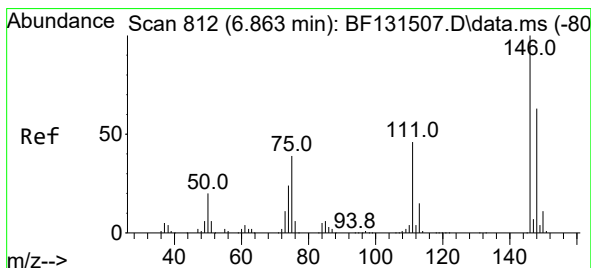
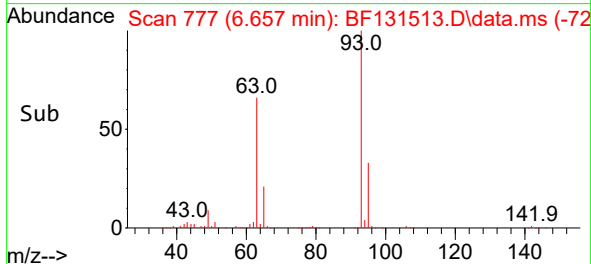
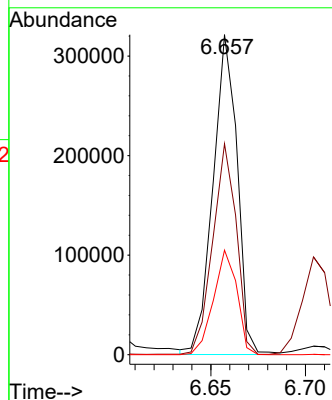
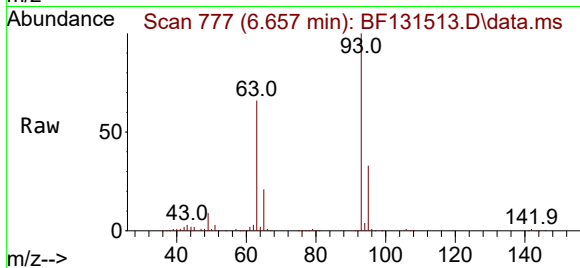




#11
bis(2-Chloroethyl)ether
Concen: 48.475 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

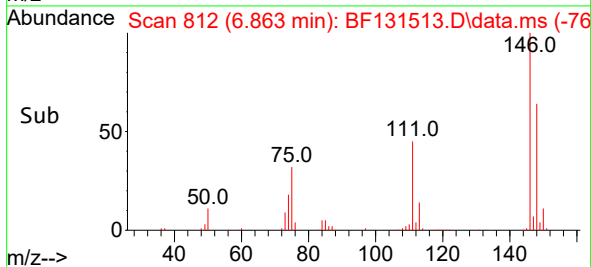
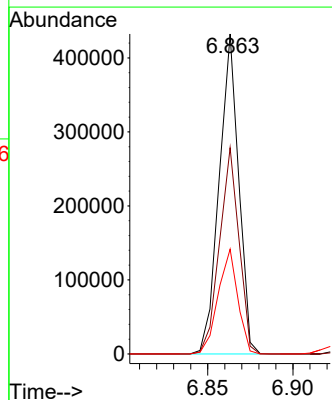
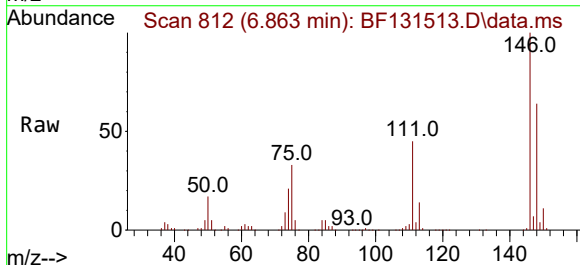
Instrument :
BNA_F
ClientSampleId :
PB149409BS

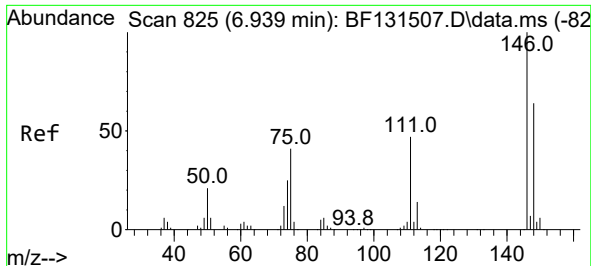
Tgt Ion: 93 Resp: 285356
Ion Ratio Lower Upper
93 100
63 65.9 51.2 91.2
95 32.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 48.992 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion: 146 Resp: 344539
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.4
75 32.7 31.4 47.2

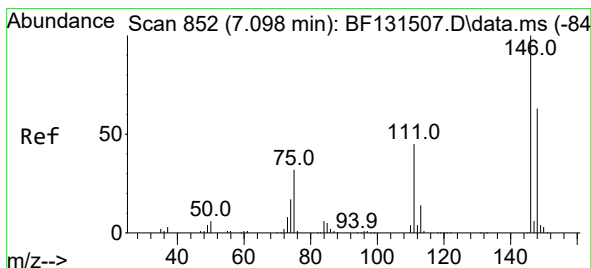
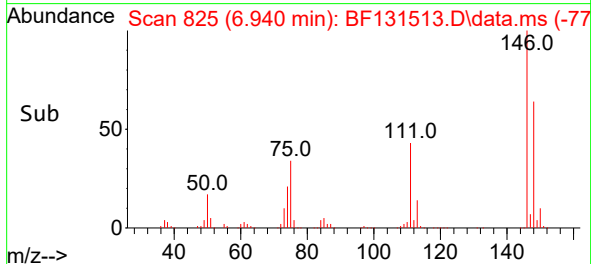
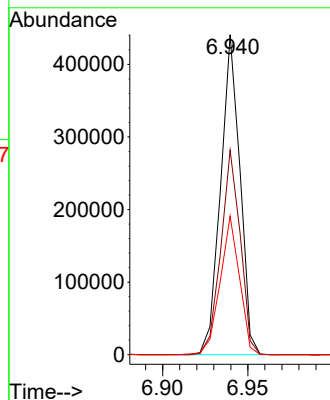
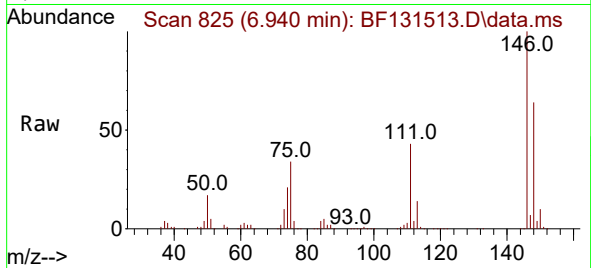




#13
1,4-Dichlorobenzene
Concen: 48.372 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

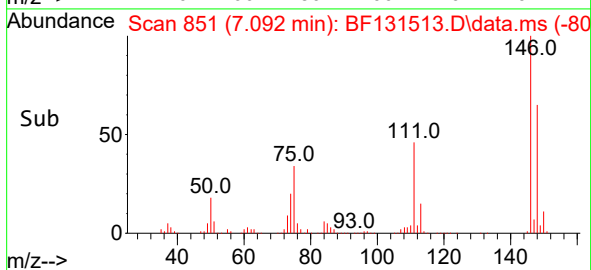
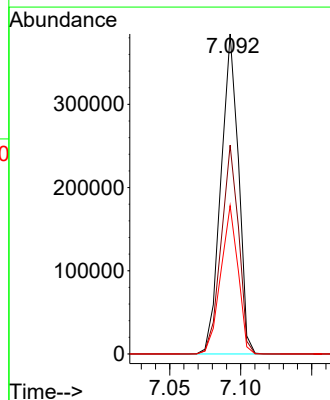
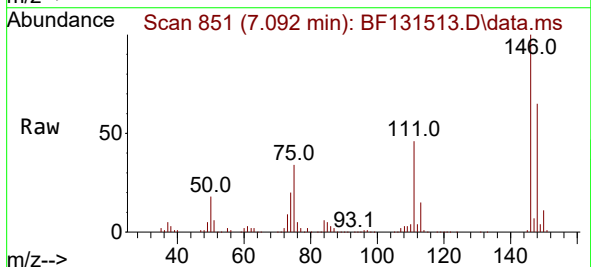
Instrument :
BNA_F
ClientSampleId :
PB149409BS

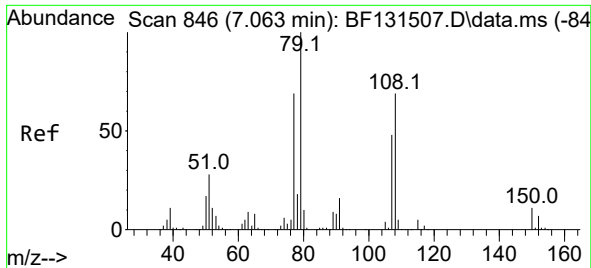
Tgt Ion:146 Resp: 347669
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 43.3 37.6 56.4



#14
1,2-Dichlorobenzene
Concen: 49.169 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:146 Resp: 329268
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
111 46.4 36.1 54.1

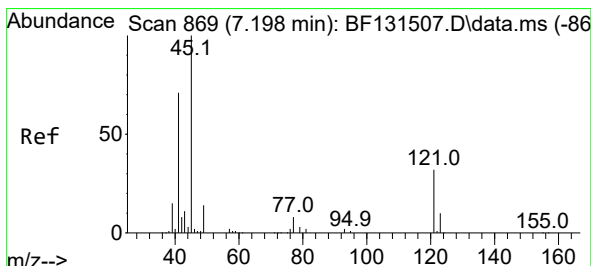
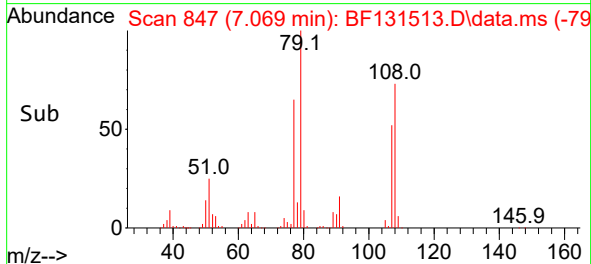
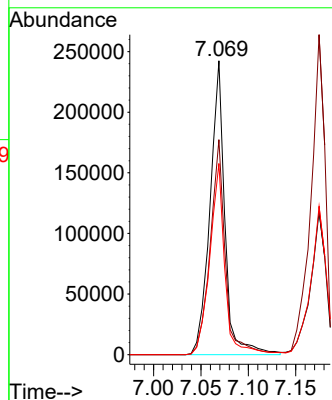
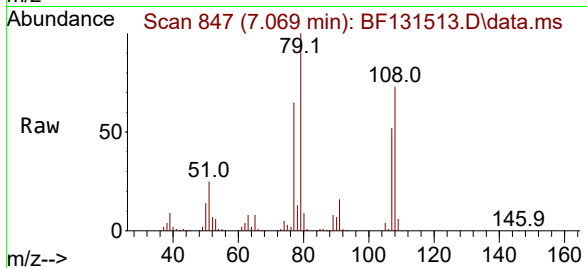




#15
Benzyl Alcohol
Concen: 44.888 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

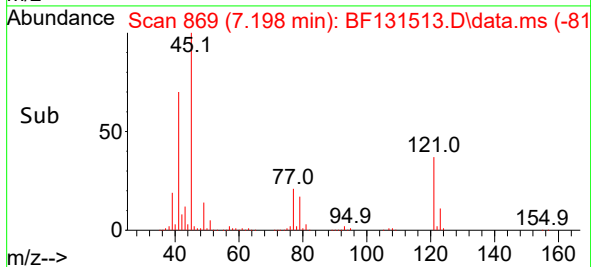
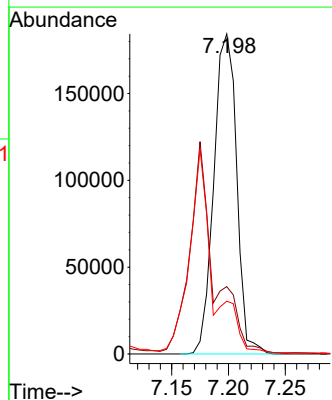
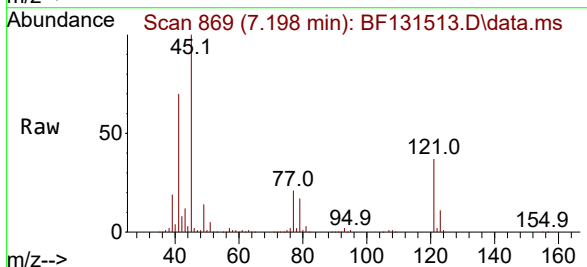
Instrument :
BNA_F
ClientSampleId :
PB149409BS

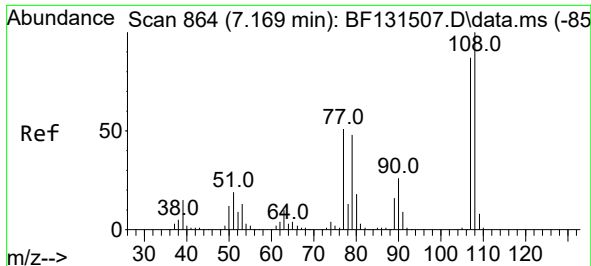
Tgt Ion: 79 Resp: 264529
Ion Ratio Lower Upper
79 100
108 73.2 55.1 82.7
77 65.1 55.4 83.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.540 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion: 45 Resp: 257008
Ion Ratio Lower Upper
45 100
77 21.0 1.8 41.8
79 16.5 0.0 36.4

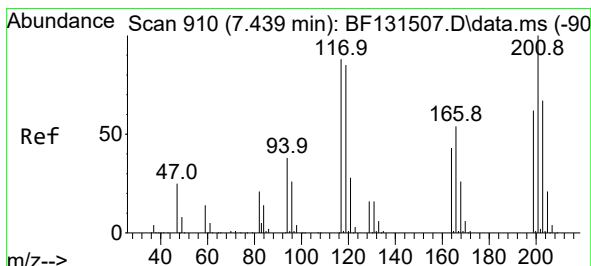
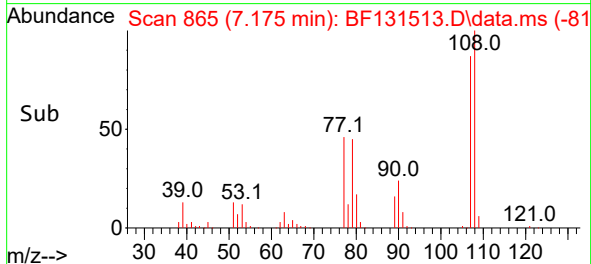
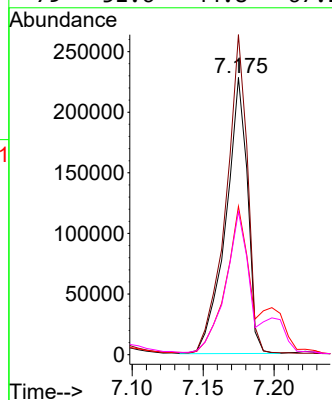
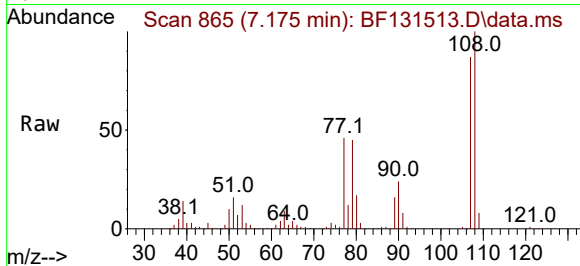




#17
2-Methylphenol
Concen: 48.007 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

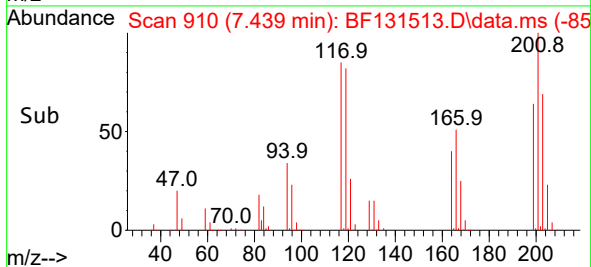
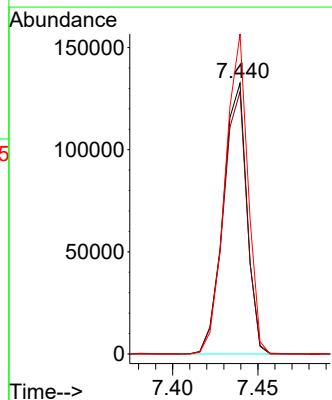
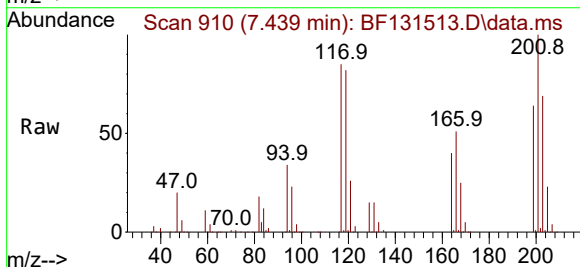
Instrument :
BNA_F
ClientSampleId :
PB149409BS

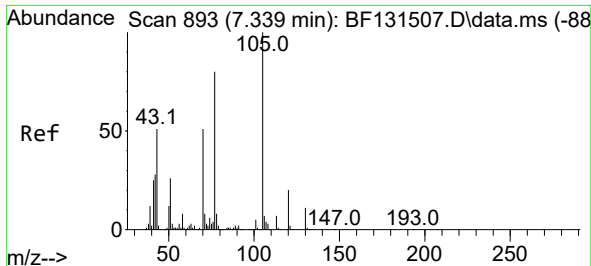
Tgt Ion:107 Resp: 241601
Ion Ratio Lower Upper
107 100
108 115.5 92.1 138.1
77 53.5 47.0 70.4
79 51.6 44.8 67.2



#18
Hexachloroethane
Concen: 47.846 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:117 Resp: 127761
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8
201 118.2 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.529 ng

RT: 7.340 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion: 70 Resp: 207561

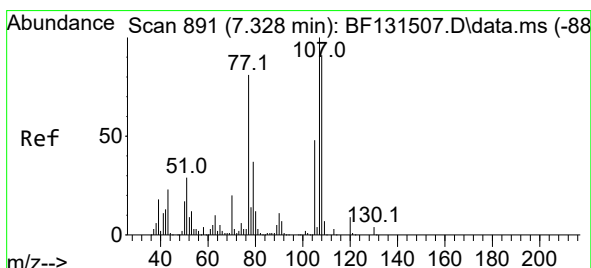
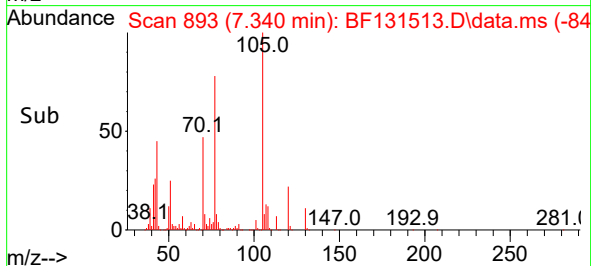
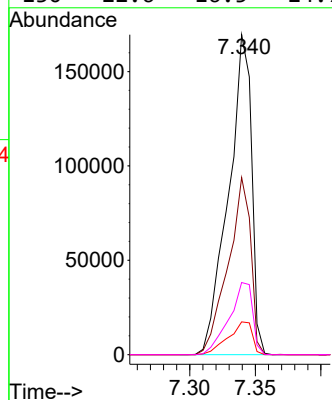
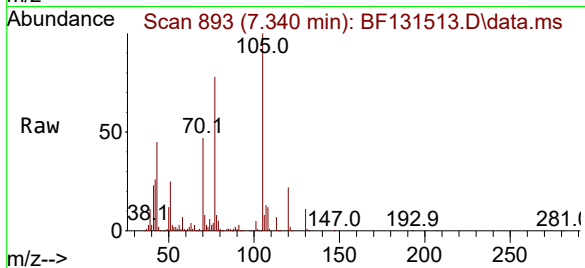
Ion Ratio Lower Upper

70 100

42 55.4 44.1 66.1

101 10.3 7.7 11.5

130 22.6 16.5 24.7



#20

3+4-Methylphenols

Concen: 47.273 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Tgt Ion:107 Resp: 321733

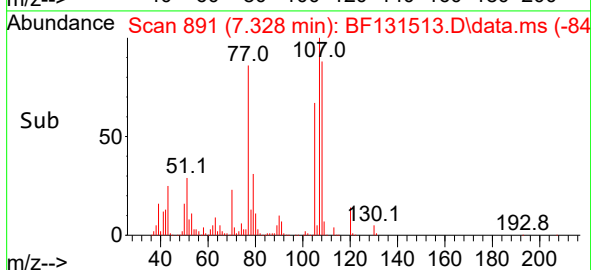
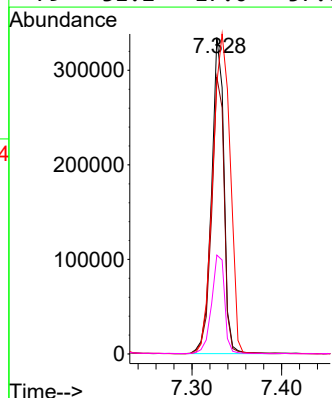
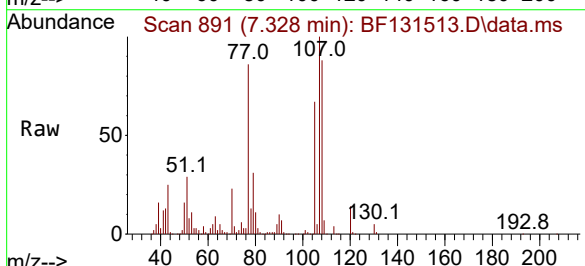
Ion Ratio Lower Upper

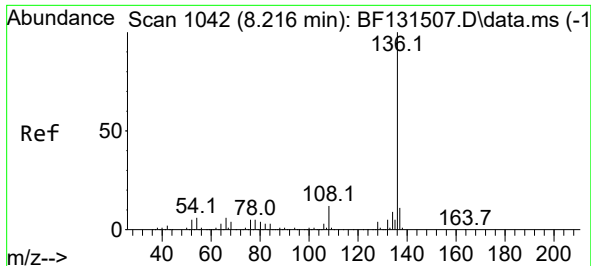
107 100

108 87.6 70.8 110.8

77 85.6 60.7 100.7

79 31.2 17.0 57.0

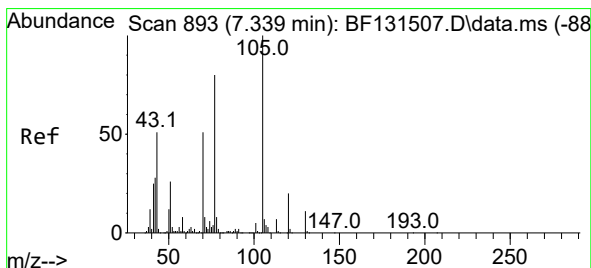
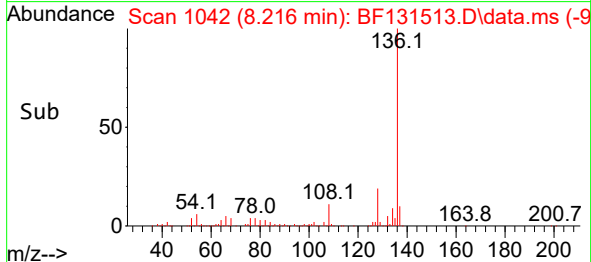
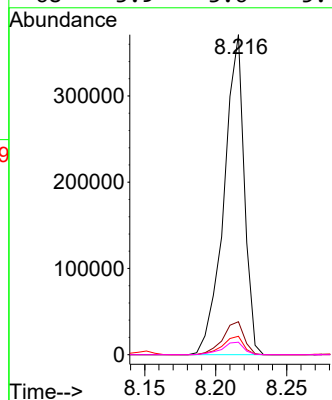
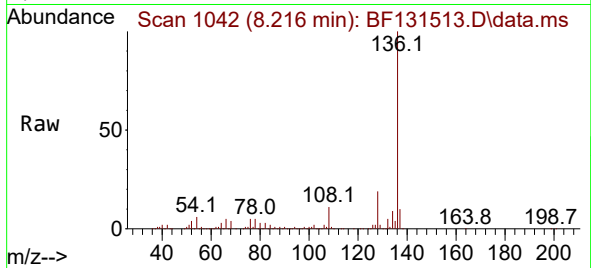




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

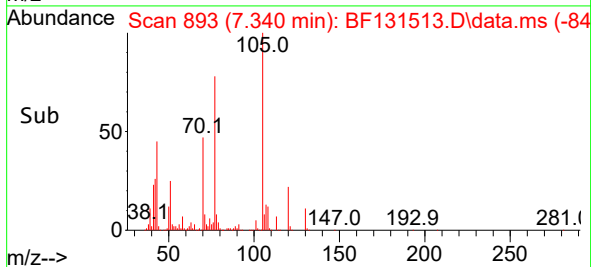
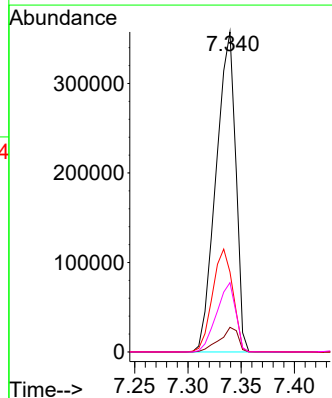
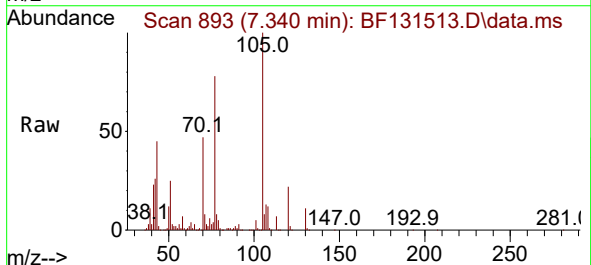
Instrument :
BNA_F
ClientSampleId :
PB149409BS

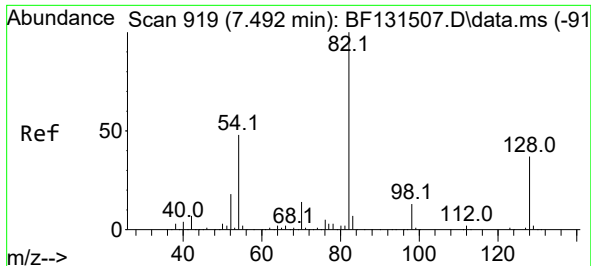
Tgt Ion:136 Resp: 367421
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 5.8 5.0 7.6
68 3.9 3.6 5.4



#22
Acetophenone
Concen: 45.928 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:105 Resp: 457908
Ion Ratio Lower Upper
105 100
71 7.7 6.6 10.0
51 25.0 21.0 31.6
120 21.6 16.3 24.5

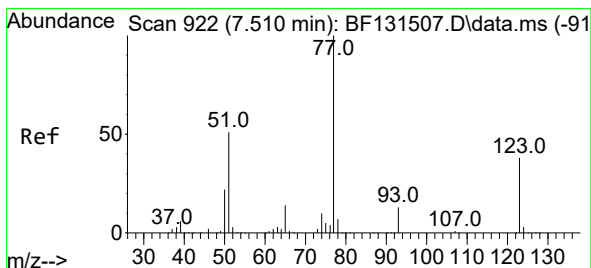
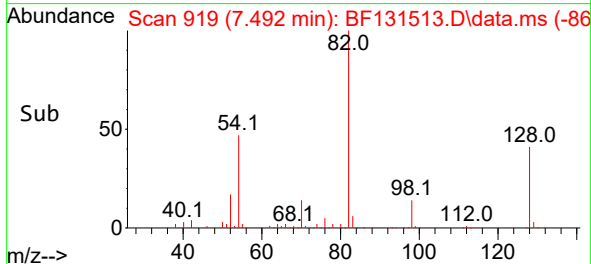
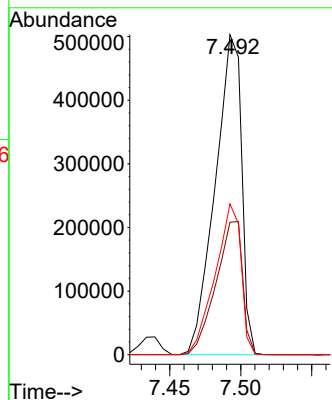
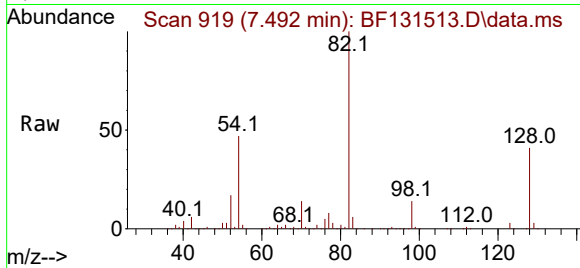




#23
Nitrobenzene-d5
Concen: 81.023 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

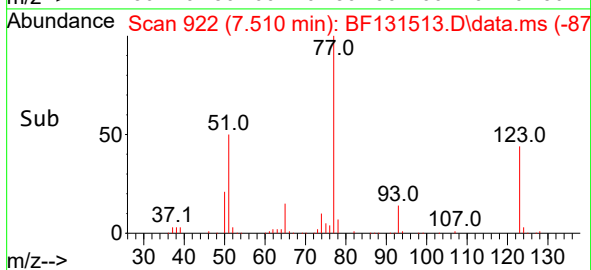
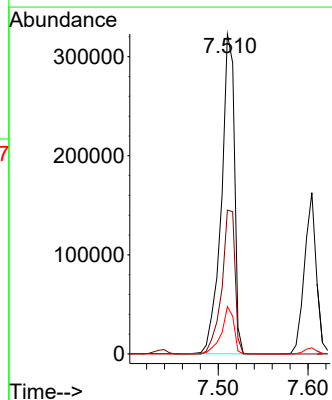
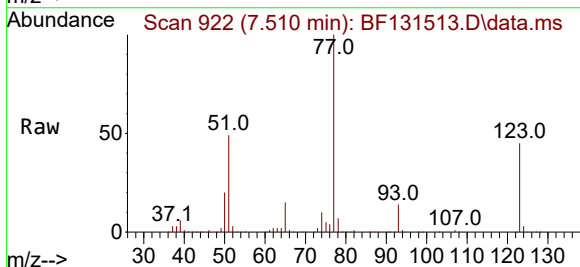
Instrument :
BNA_F
ClientSampleId :
PB149409BS

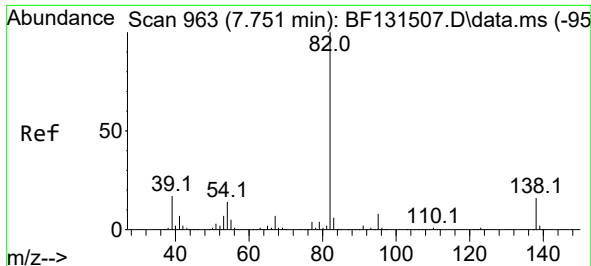
Tgt Ion: 82 Resp: 648627
Ion Ratio Lower Upper
82 100
128 41.4 29.7 44.5
54 47.1 38.7 58.1



#24
Nitrobenzene
Concen: 40.641 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion: 77 Resp: 328274
Ion Ratio Lower Upper
77 100
123 44.9 31.0 46.4
65 14.8 11.4 17.2

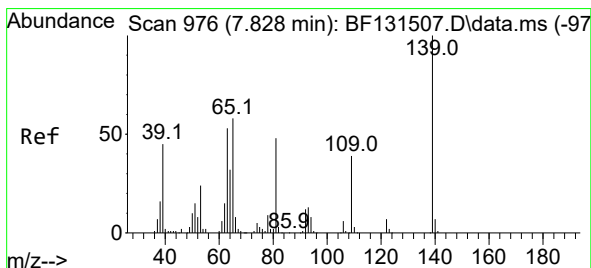
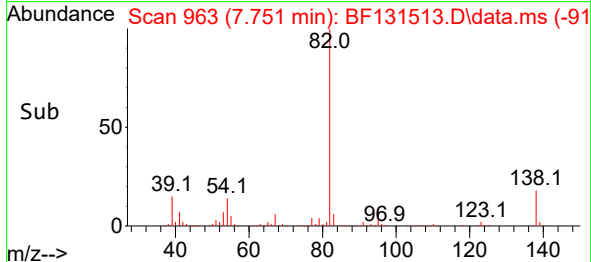
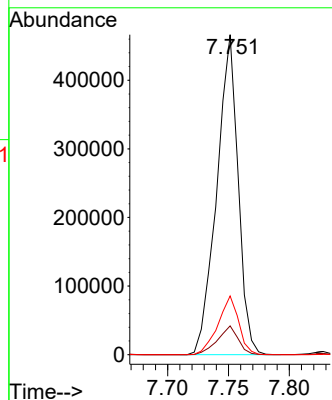
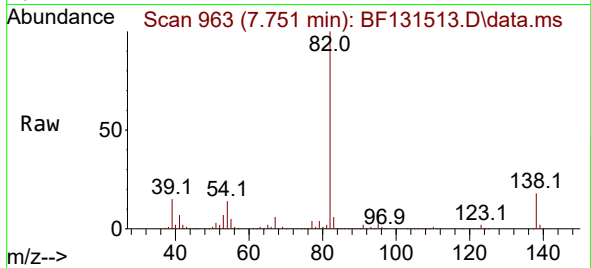




#25
Isophorone
Concen: 45.759 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

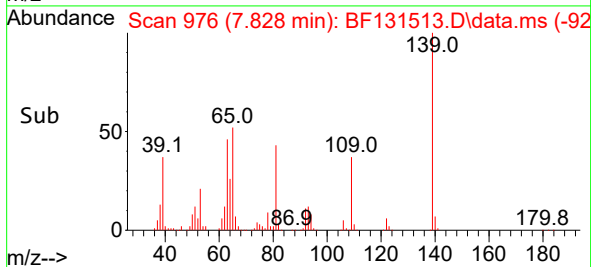
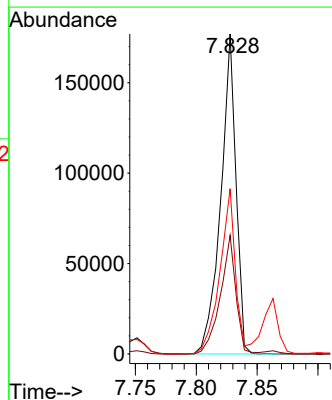
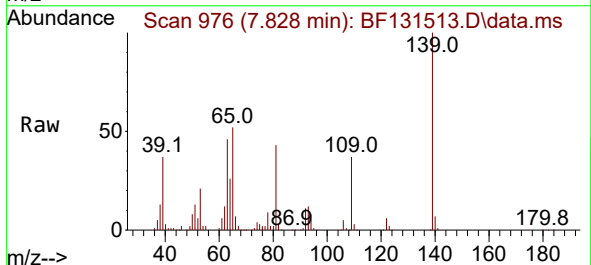
Instrument :
BNA_F
ClientSampleId :
PB149409BS

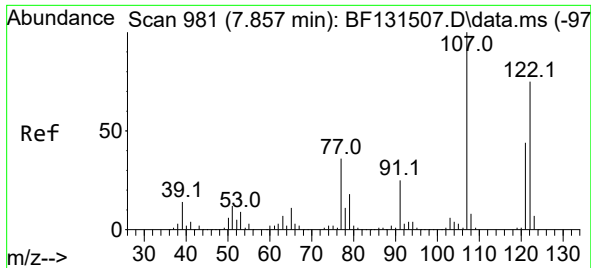
Tgt Ion: 82 Resp: 569823
Ion Ratio Lower Upper
82 100
95 9.0 6.6 9.8
138 18.3 12.7 19.1



#26
2-Nitrophenol
Concen: 52.170 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion: 139 Resp: 154290
Ion Ratio Lower Upper
139 100
109 37.0 31.6 47.4
65 51.6 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 55.385 ng

RT: 7.863 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

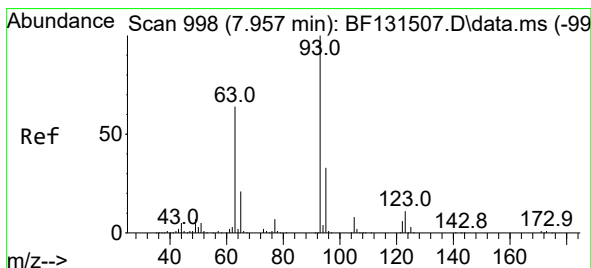
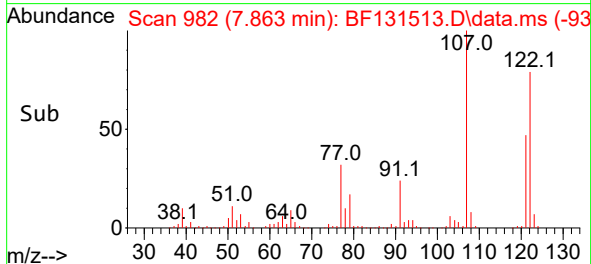
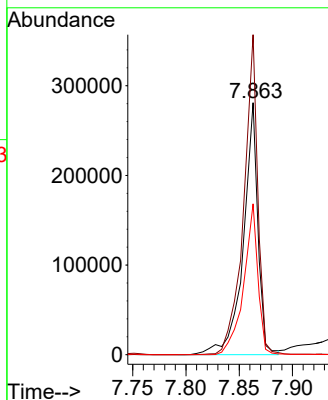
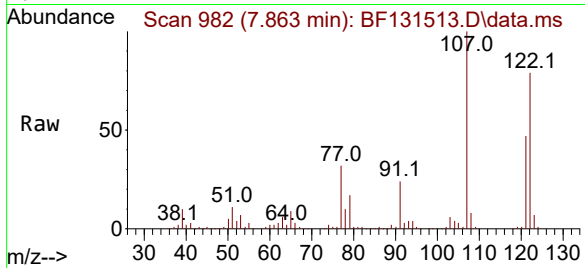
Tgt Ion:122 Resp: 268929

Ion Ratio Lower Upper

122 100

107 126.9 106.8 160.2

121 59.8 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 49.062 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

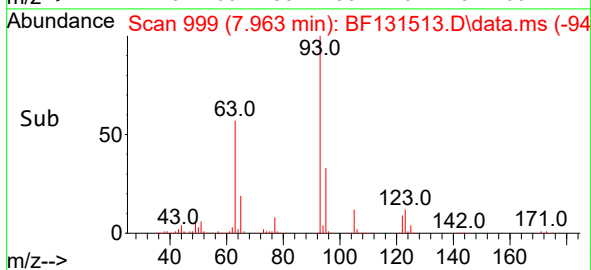
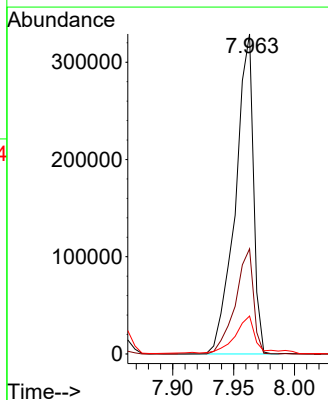
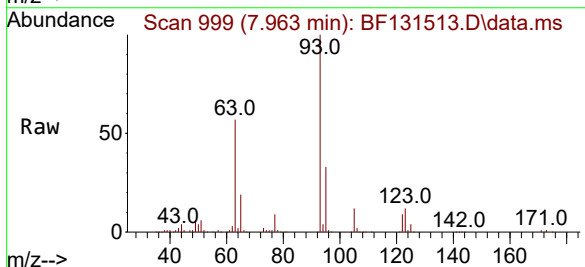
Tgt Ion: 93 Resp: 338701

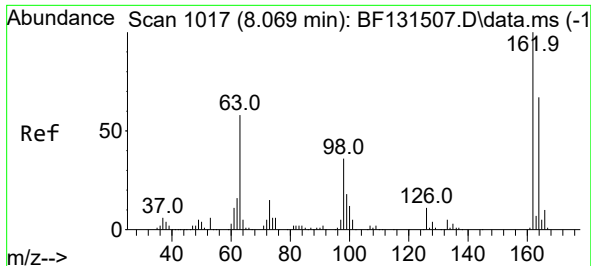
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 11.8 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 48.234 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF131513.D

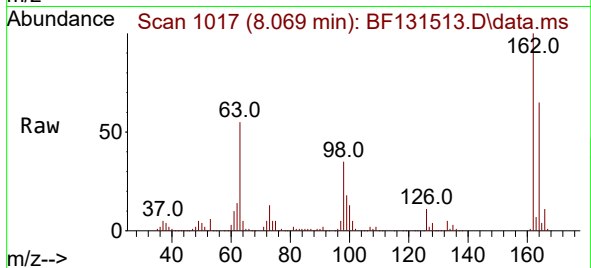
Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS



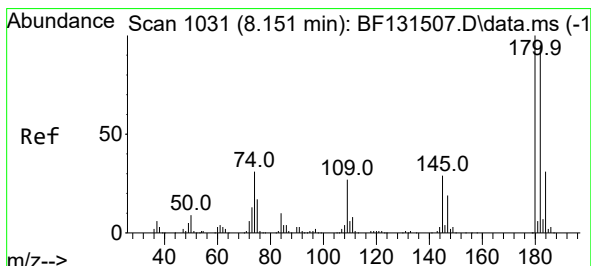
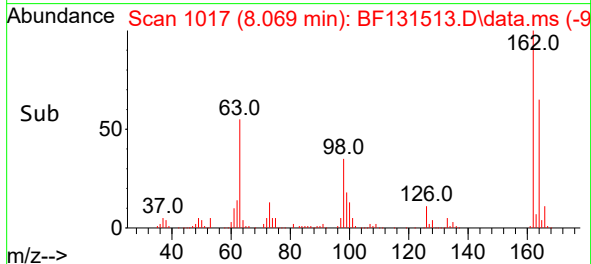
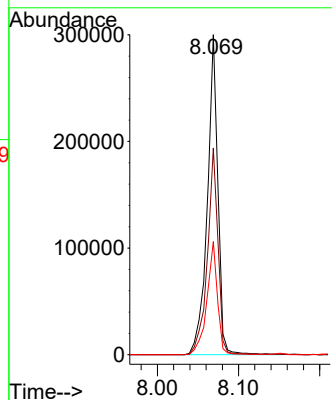
Tgt Ion:162 Resp: 271275

Ion Ratio Lower Upper

162 100

164 64.6 47.3 87.3

98 35.4 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 45.262 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

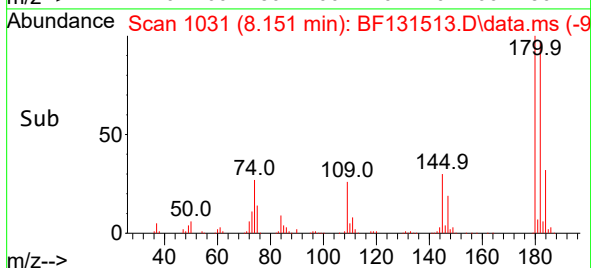
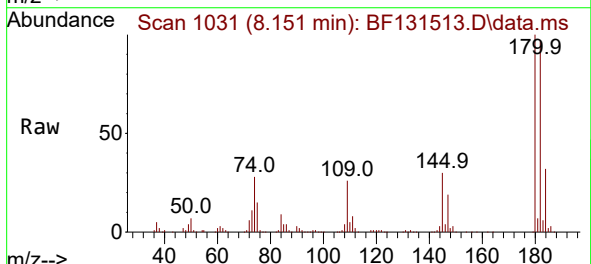
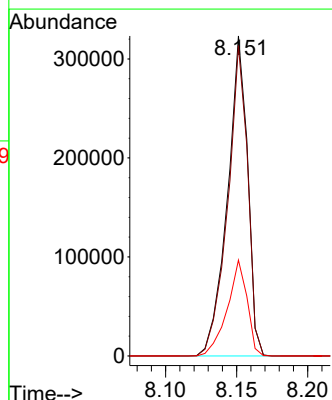
Tgt Ion:180 Resp: 318085

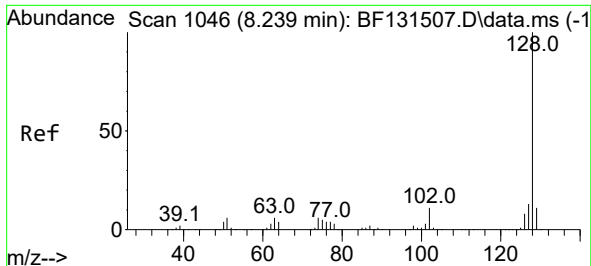
Ion Ratio Lower Upper

180 100

182 97.0 76.3 114.5

145 30.0 23.3 34.9

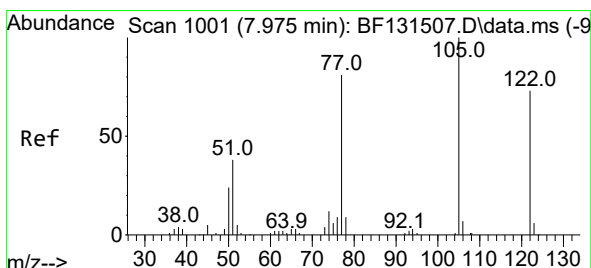
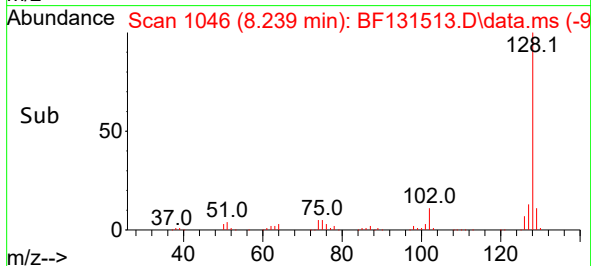
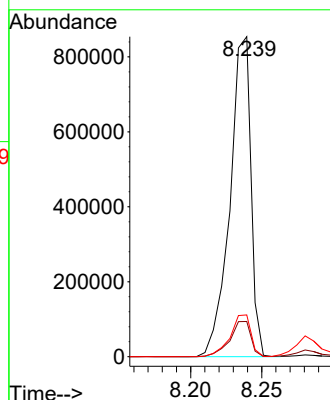
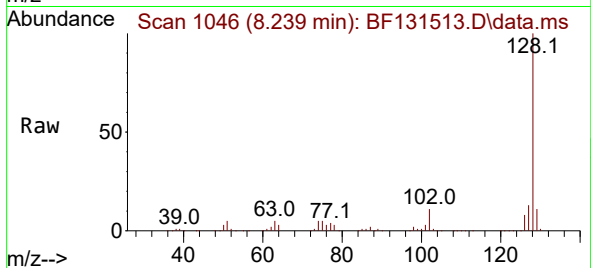




#31
Naphthalene
Concen: 43.214 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

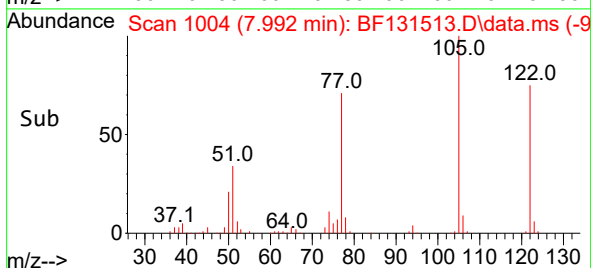
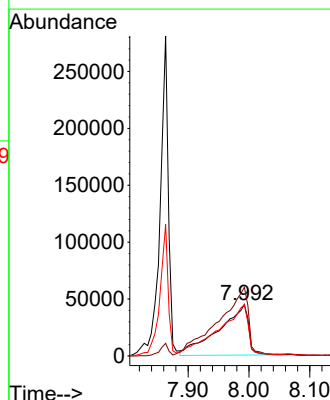
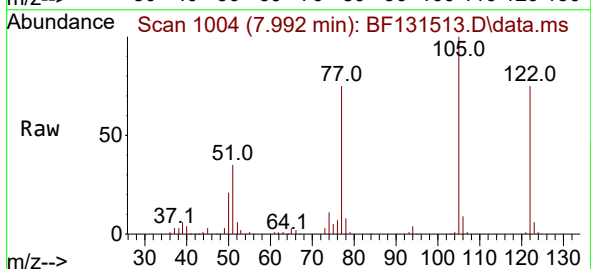
Instrument :
BNA_F
ClientSampleId :
PB149409BS

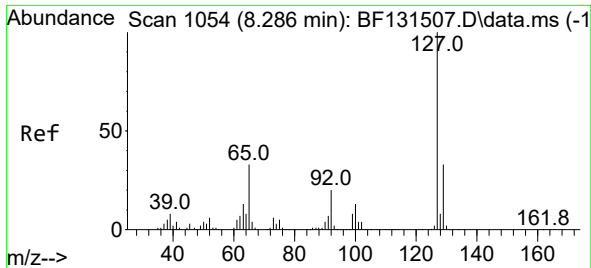
Tgt Ion:128 Resp: 877793
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 51.734 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.017 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:122 Resp: 151488
Ion Ratio Lower Upper
122 100
105 133.4 114.0 154.0
77 99.4 90.3 130.3

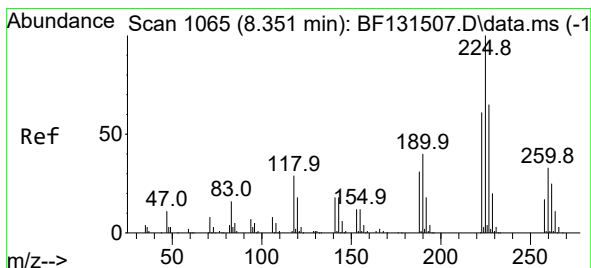
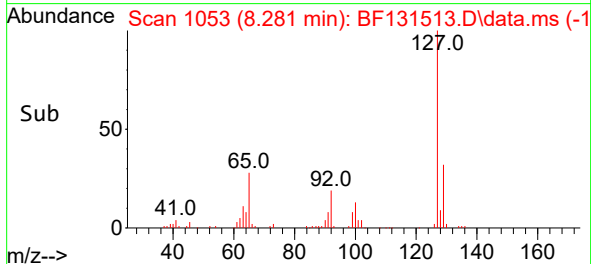
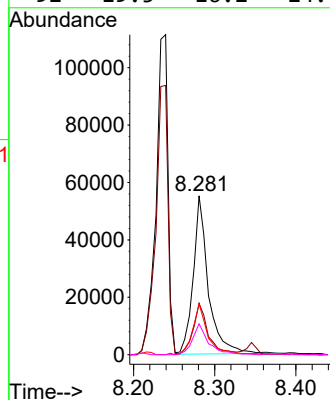
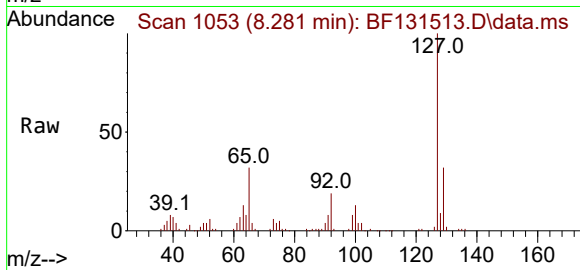




#33
4-Chloroaniline
Concen: 9.402 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

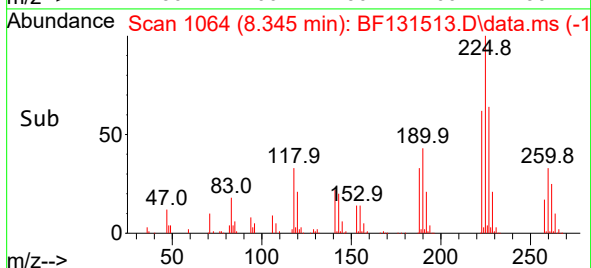
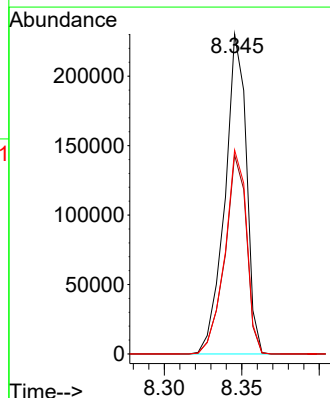
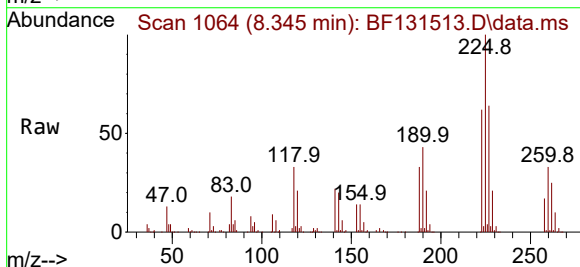
Instrument :
BNA_F
ClientSampleId :
PB149409BS

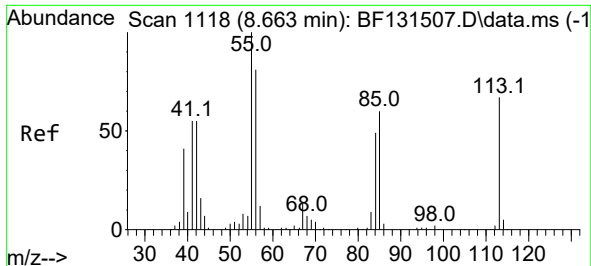
Tgt Ion:	127	Resp:	71529
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	31.9	26.4	39.6
92	19.5	16.2	24.4



#34
Hexachlorobutadiene
Concen: 44.301 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:	225	Resp:	222361
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.2	73.8
227	63.8	51.7	77.5

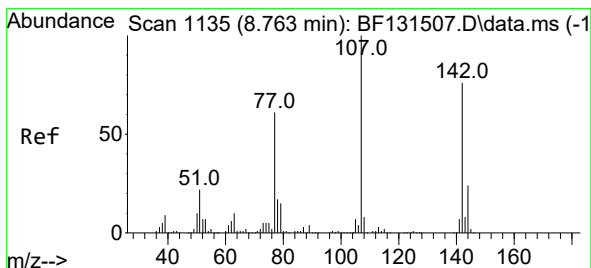
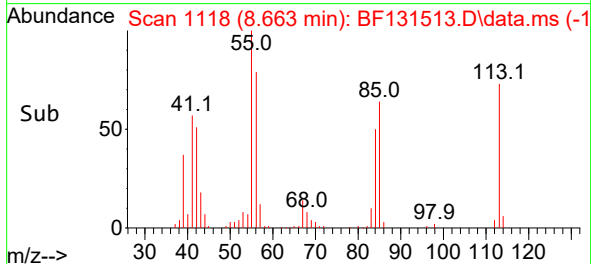
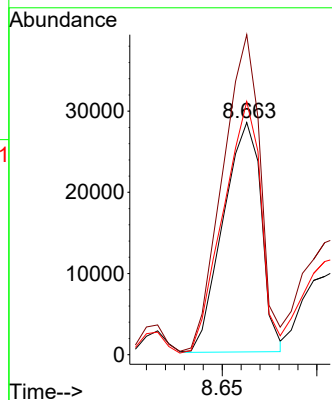
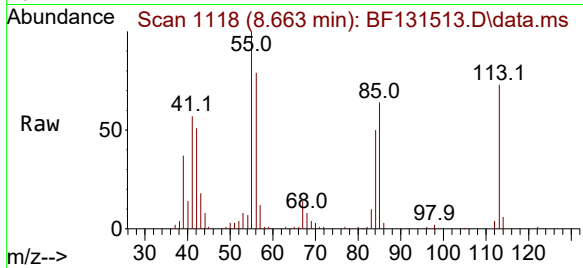




#35
 Caprolactam
 Concen: 25.068 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.000 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

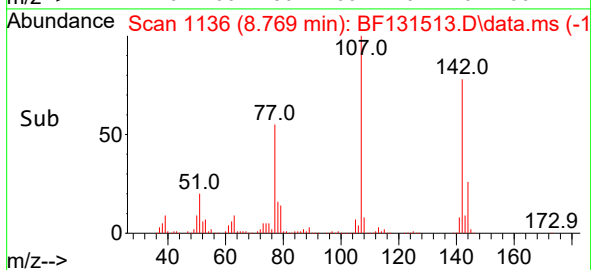
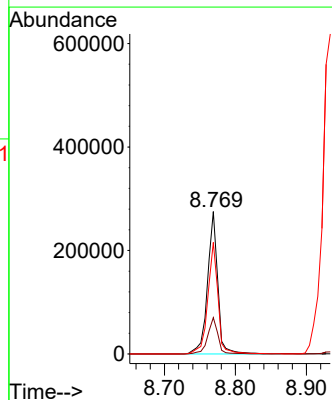
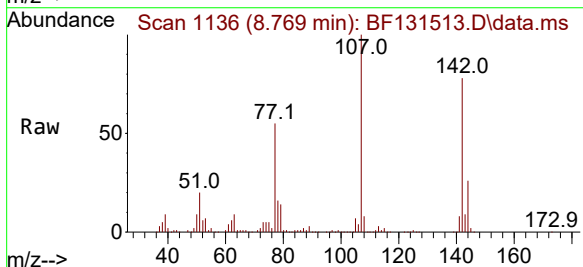
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS

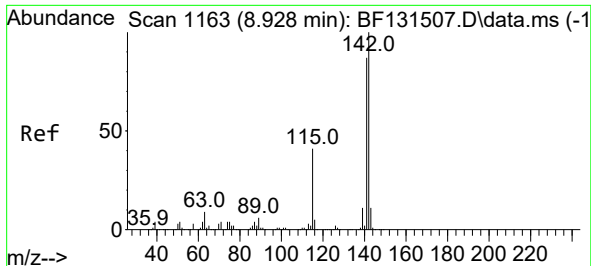
Tgt Ion:113 Resp: 39578
 Ion Ratio Lower Upper
 113 100
 55 137.8 128.2 168.2
 56 109.0 100.7 140.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.034 ng
 RT: 8.769 min Scan# 1136
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

Tgt Ion:107 Resp: 276766
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.4 29.0
 142 78.3 61.1 91.7

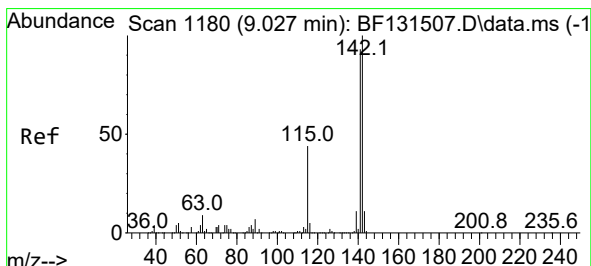
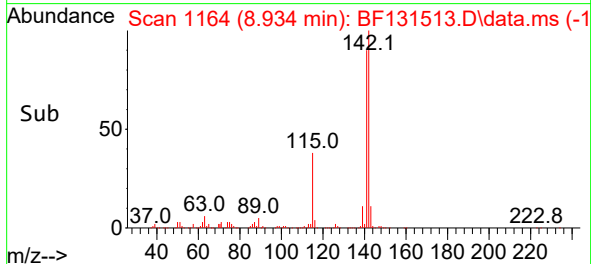
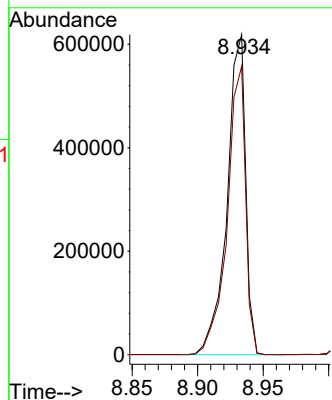
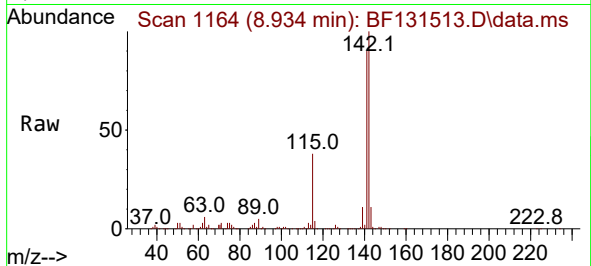




#37
2-Methylnaphthalene
Concen: 44.810 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

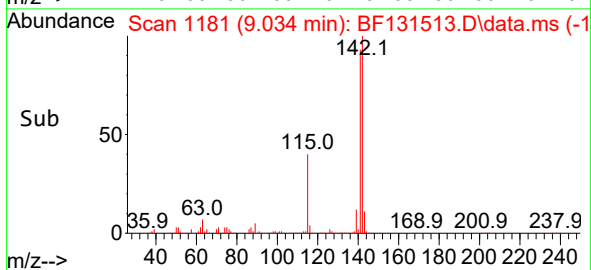
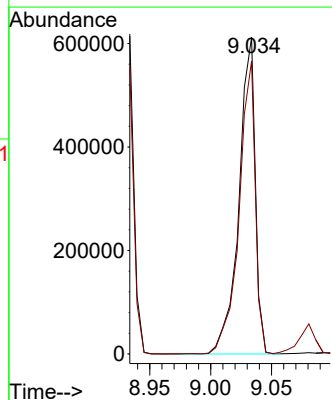
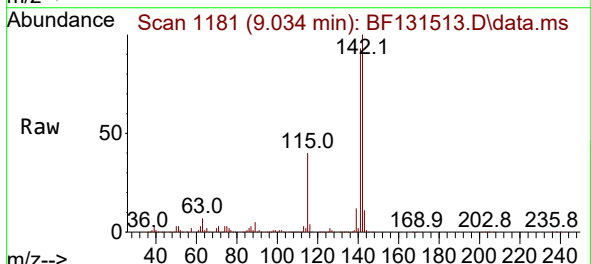
Instrument :
BNA_F
ClientSampleId :
PB149409BS

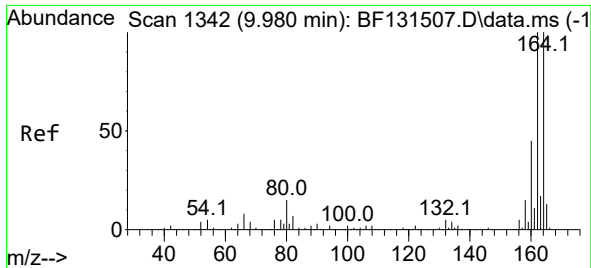
Tgt Ion:142 Resp: 609087
Ion Ratio Lower Upper
142 100
141 90.1 69.7 104.5



#38
1-Methylnaphthalene
Concen: 43.841 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:142 Resp: 572618
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.981 min Scan# 1192

Delta R.T. 0.001 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

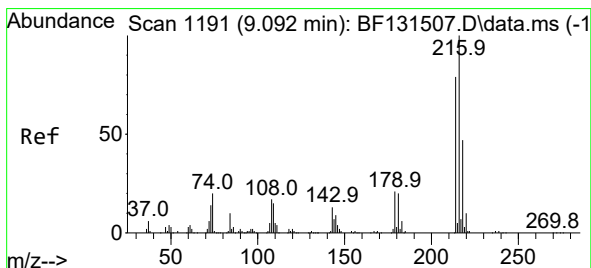
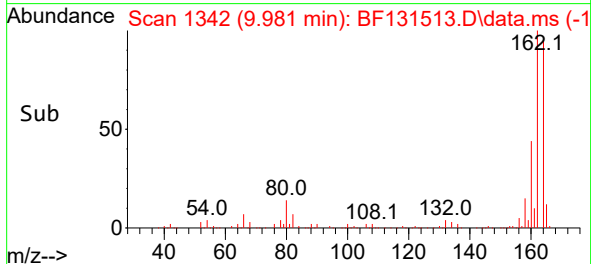
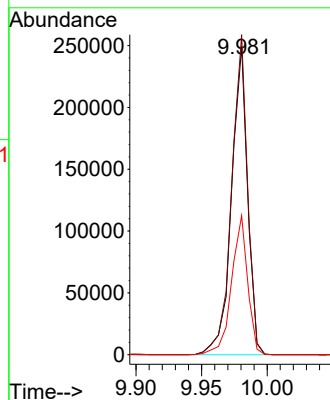
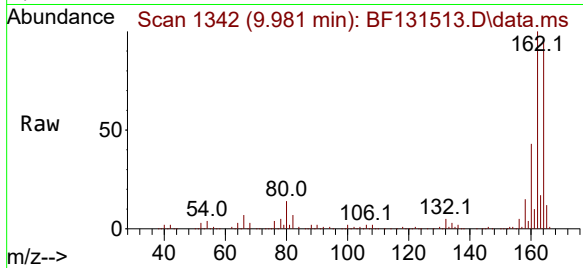
Tgt Ion:164 Resp: 212212

Ion Ratio Lower Upper

164 100

162 103.7 80.1 120.1

160 45.1 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.690 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Tgt Ion:216 Resp: 366015

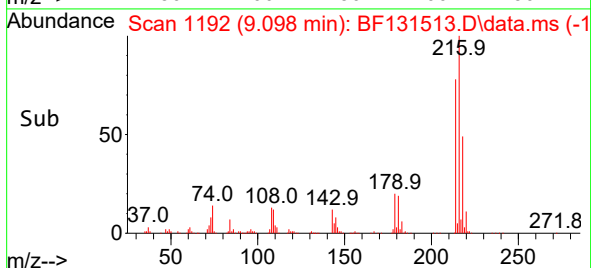
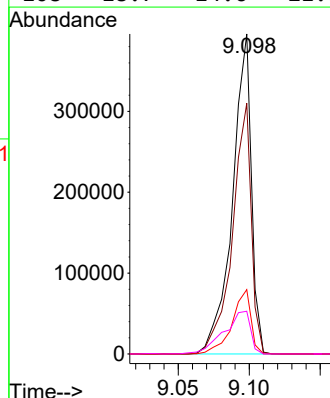
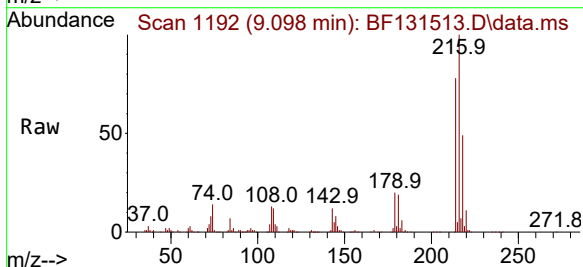
Ion Ratio Lower Upper

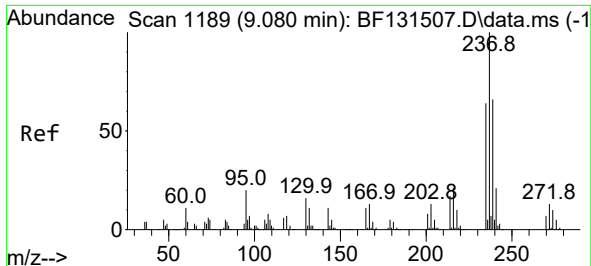
216 100

214 78.2 62.2 93.4

179 20.1 16.4 24.6

108 18.7 14.6 21.8

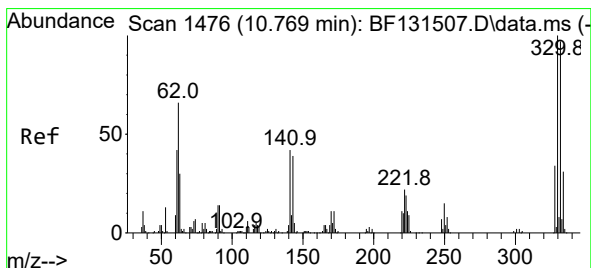
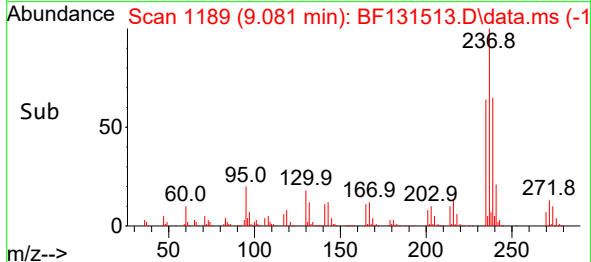
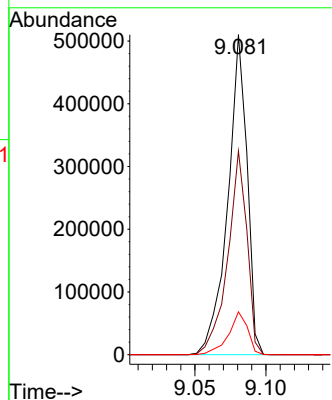
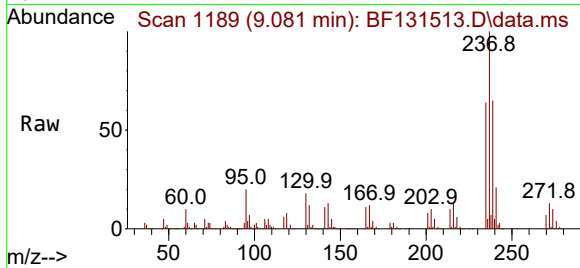




#41
Hexachlorocyclopentadiene
Concen: 136.362 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

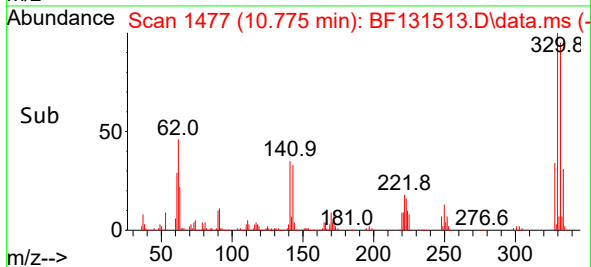
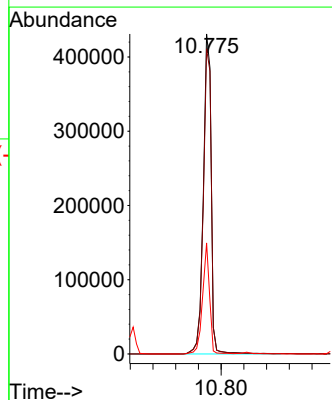
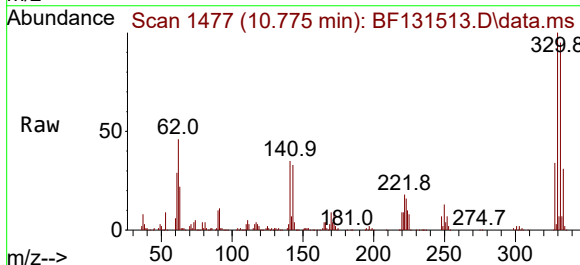
Instrument :
BNA_F
ClientSampleId :
PB149409BS

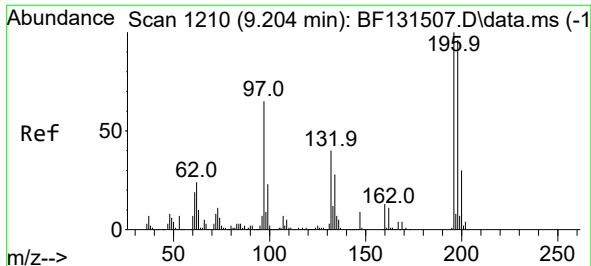
Tgt Ion:237 Resp: 481536
Ion Ratio Lower Upper
237 100
235 63.7 44.2 84.2
272 13.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 171.057 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:330 Resp: 413328
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.2
141 30.9 29.1 43.7

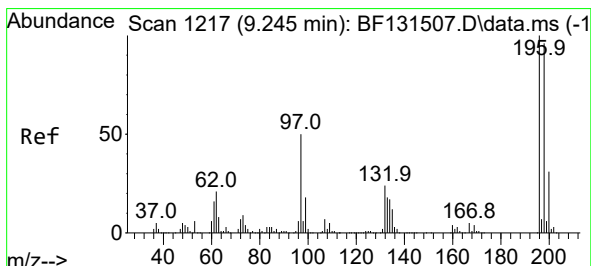
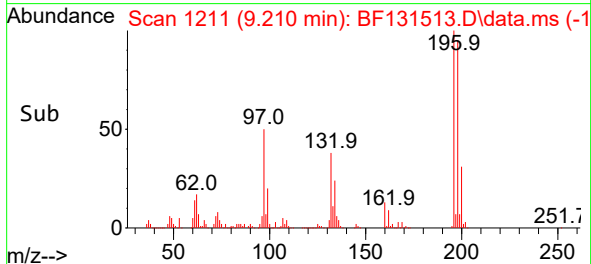
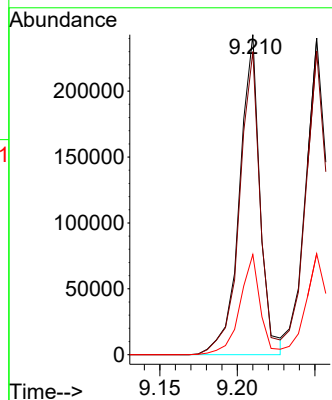
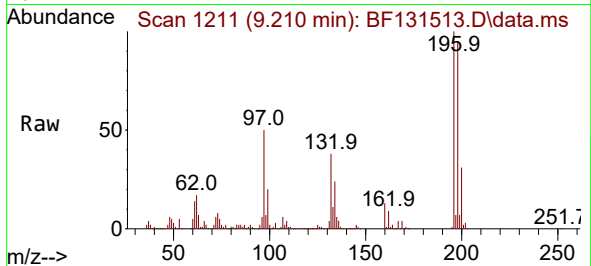




#43
 2,4,6-Trichlorophenol
 Concen: 47.132 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

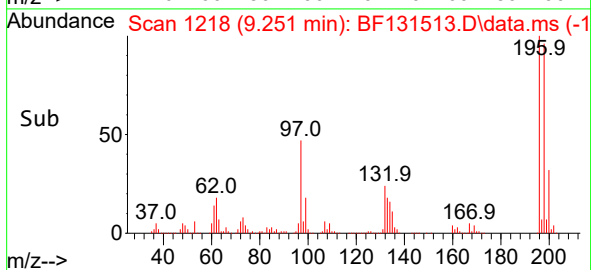
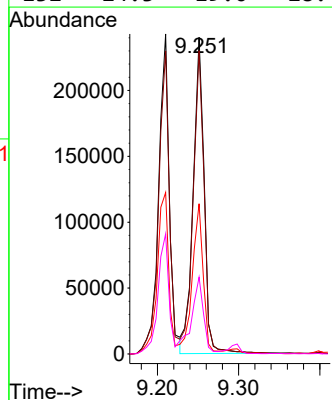
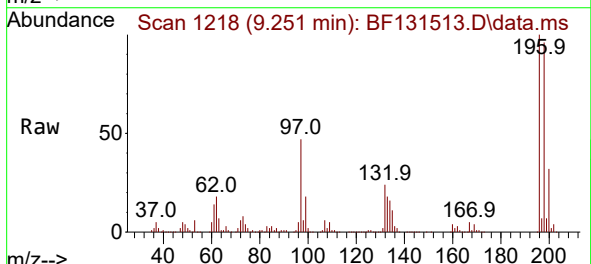
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS

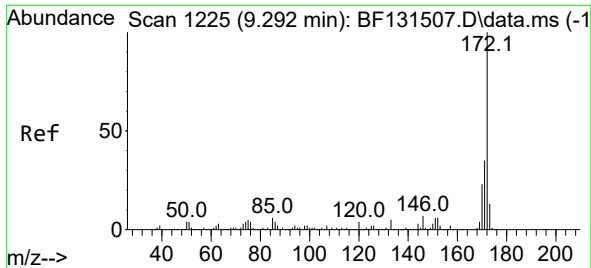
Tgt Ion:196 Resp: 223392
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.5 114.7
 200 31.3 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.993 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

Tgt Ion:196 Resp: 227429
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 114.8
 97 47.5 40.6 61.0
 132 24.3 19.0 28.4

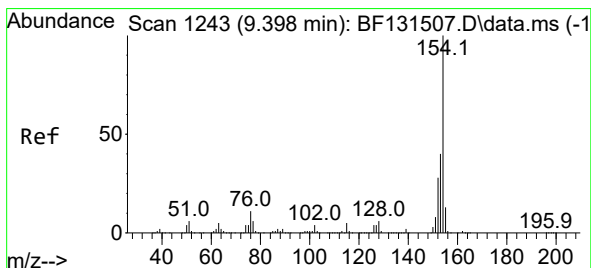
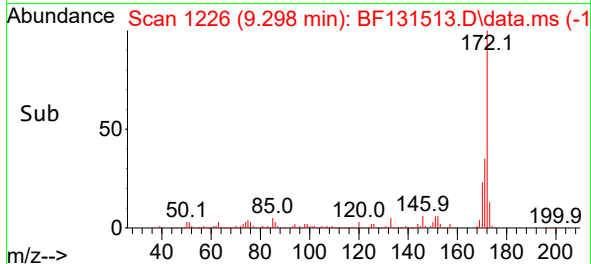
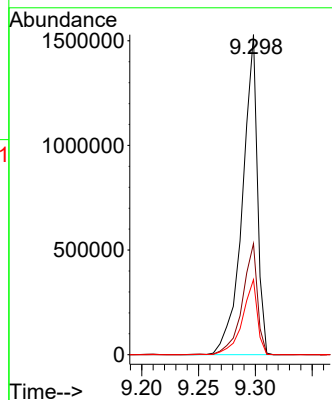
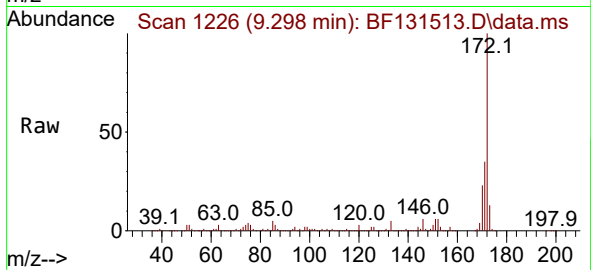




#45
2-Fluorobiphenyl
Concen: 86.945 ng
RT: 9.298 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

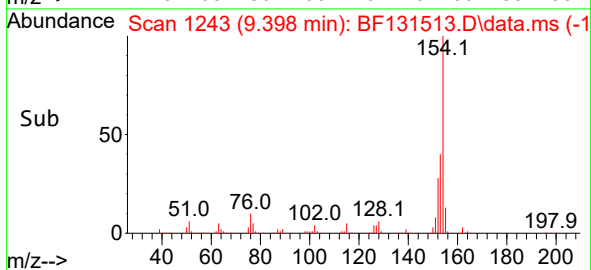
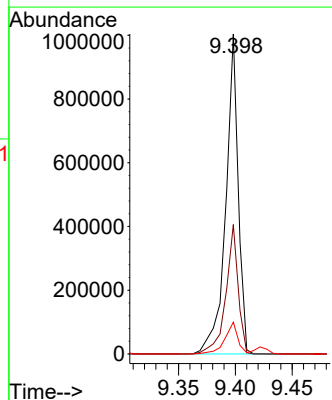
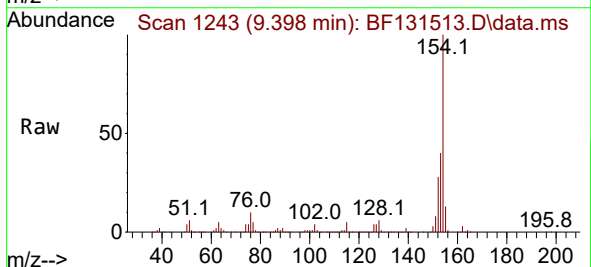
Instrument :
BNA_F
ClientSampleId :
PB149409BS

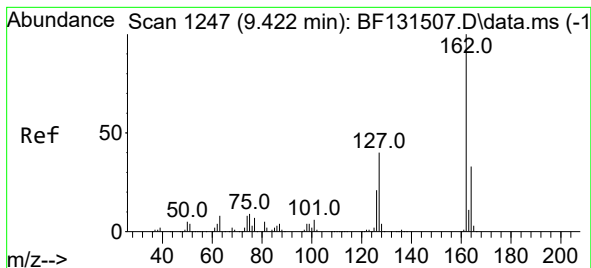
Tgt Ion:172 Resp: 1406458
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 45.990 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:154 Resp: 769572
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 9.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 44.380 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

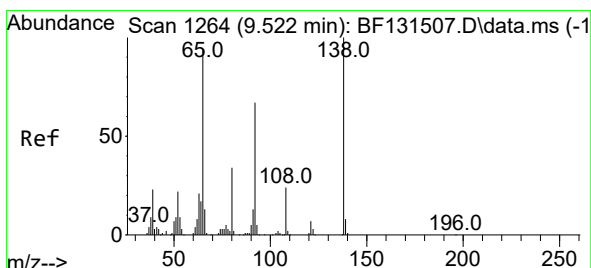
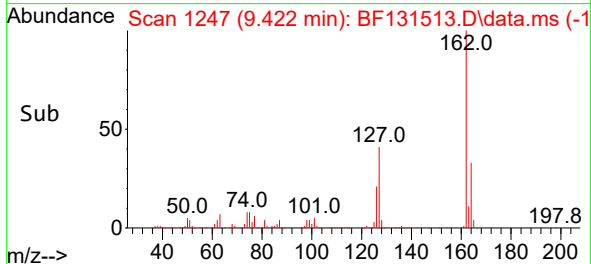
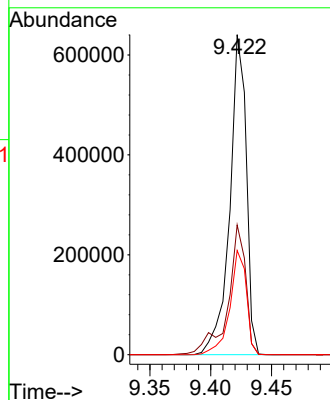
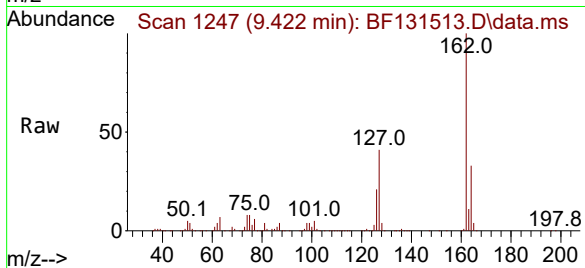
Tgt Ion:162 Resp: 606634

Ion Ratio Lower Upper

162 100

127 40.5 32.6 48.8

164 32.6 26.0 39.0



#48

2-Nitroaniline

Concen: 39.705 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

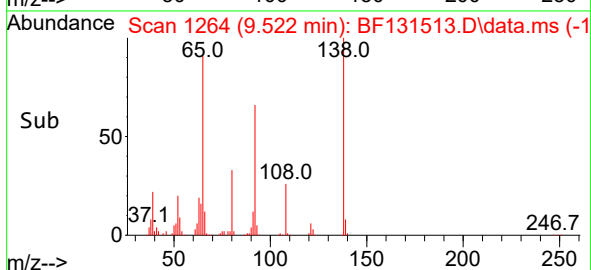
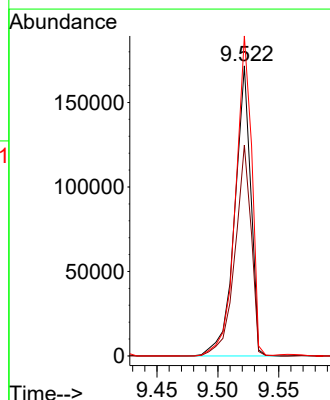
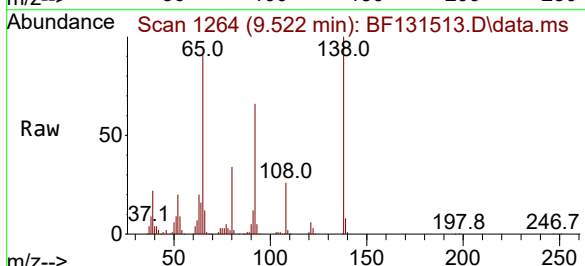
Tgt Ion: 65 Resp: 156815

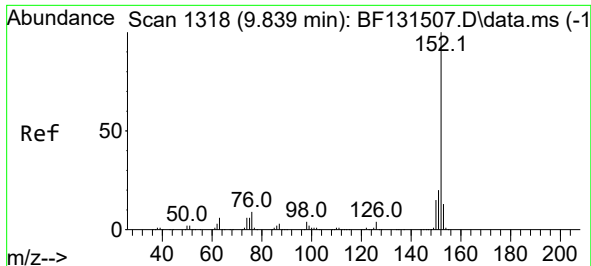
Ion Ratio Lower Upper

65 100

92 72.7 57.4 86.0

138 110.3 85.4 128.0





#49

Acenaphthylene

Concen: 44.464 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

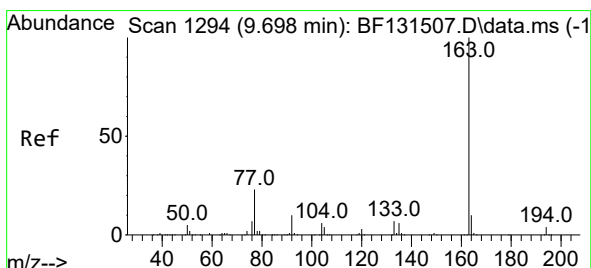
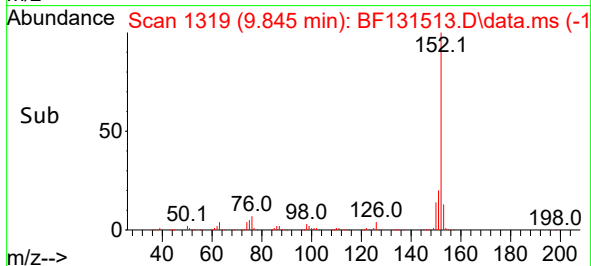
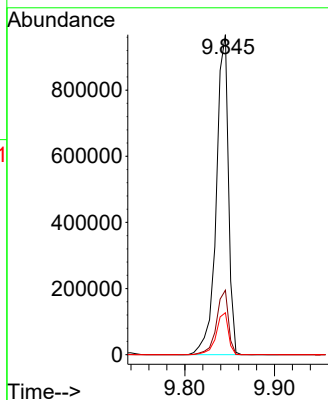
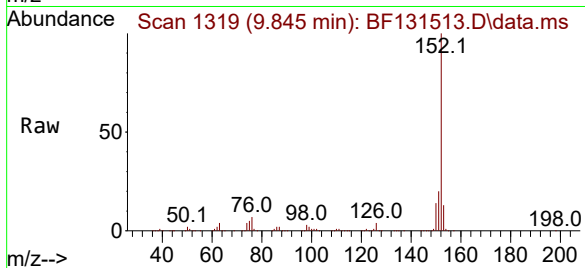
Tgt Ion:152 Resp: 907875

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 45.340 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

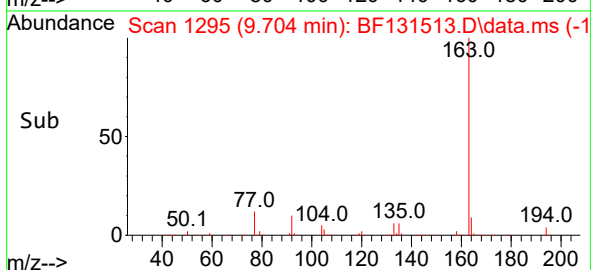
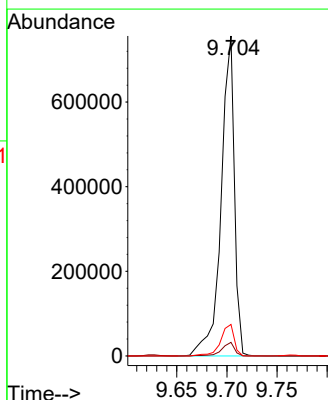
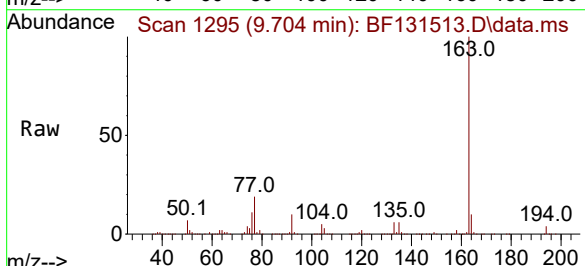
Tgt Ion:163 Resp: 695427

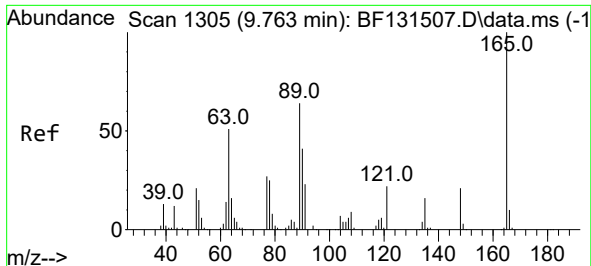
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.9 7.9 11.9

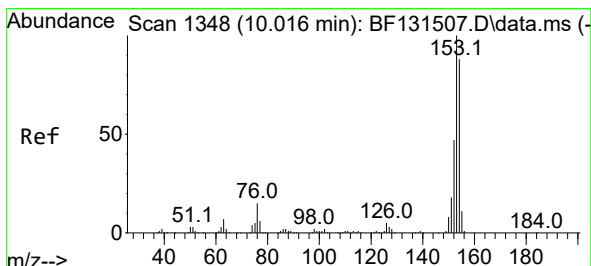
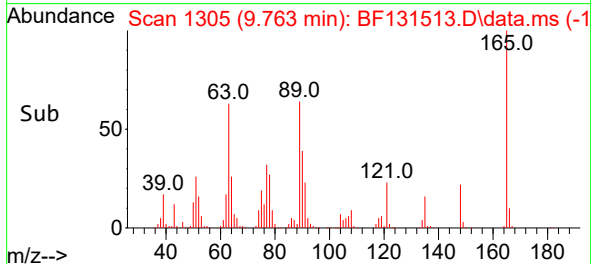
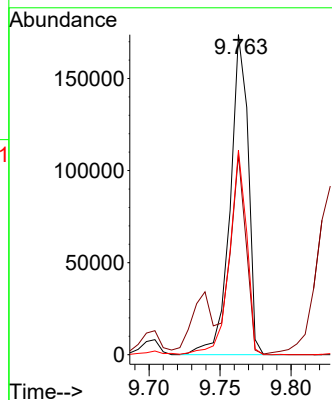
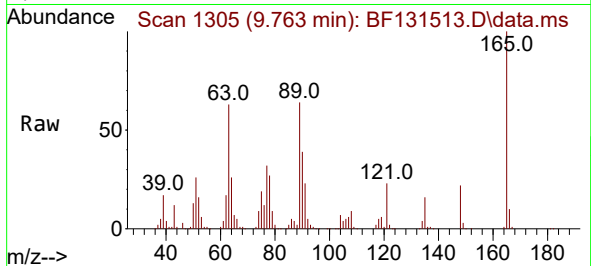




#51
2,6-Dinitrotoluene
Concen: 46.878 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

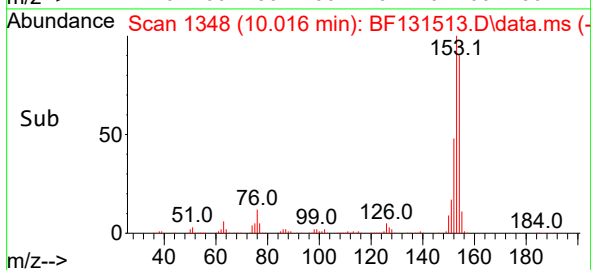
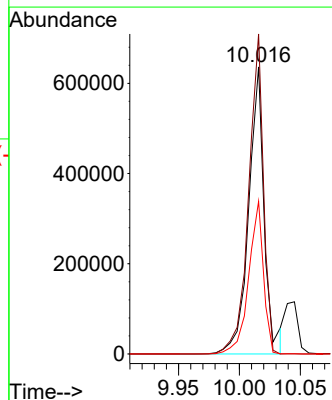
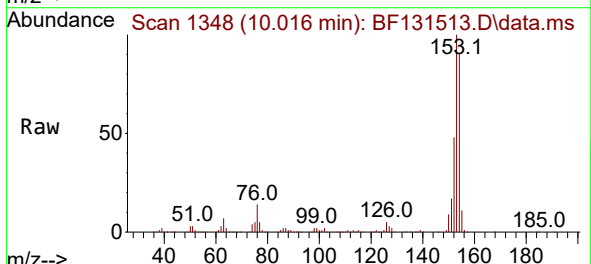
Instrument :
BNA_F
ClientSampleId :
PB149409BS

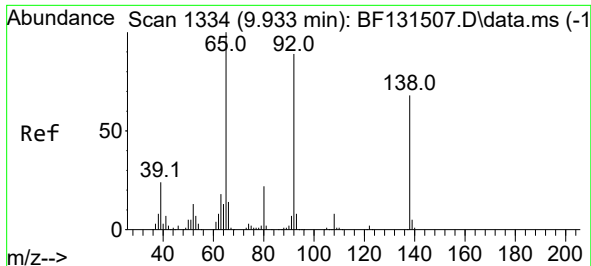
Tgt Ion:165 Resp: 153634
Ion Ratio Lower Upper
165 100
63 62.5 50.1 75.1
89 63.9 51.3 76.9



#52
Acenaphthene
Concen: 42.773 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:154 Resp: 566617
Ion Ratio Lower Upper
154 100
153 111.5 90.9 136.3
152 53.2 43.1 64.7

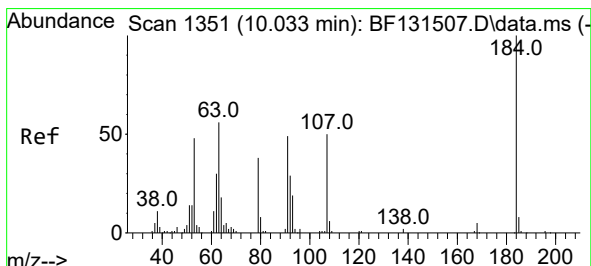
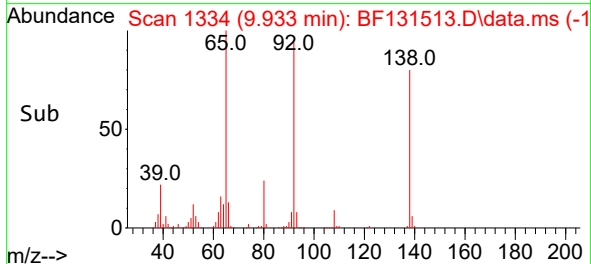
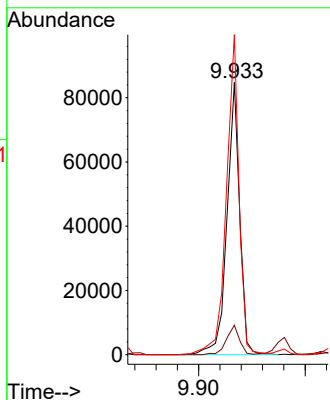
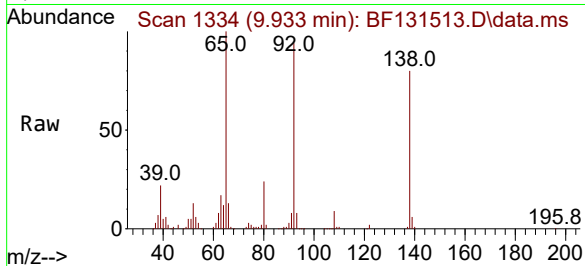




#53
3-Nitroaniline
Concen: 20.354 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

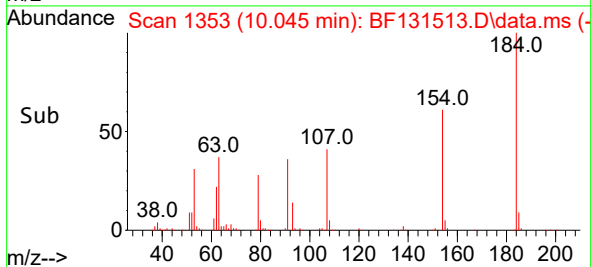
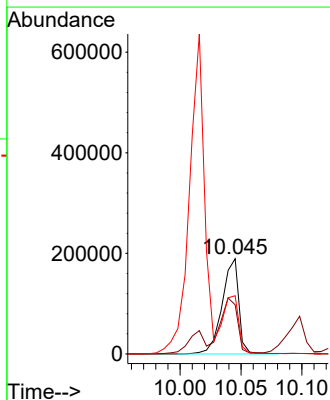
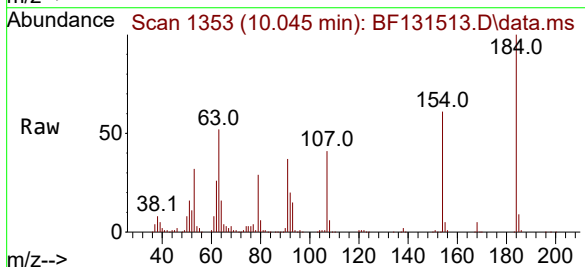
Instrument :
BNA_F
ClientSampleId :
PB149409BS

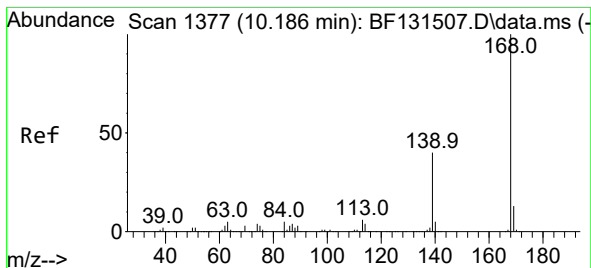
Tgt Ion:138 Resp: 69823
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.2
92 117.6 104.8 157.2



#54
2,4-Dinitrophenol
Concen: 110.177 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:184 Resp: 181178
Ion Ratio Lower Upper
184 100
63 51.7 61.2 91.8#
154 61.2 53.1 79.7





#55

Dibenzofuran

Concen: 45.276 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

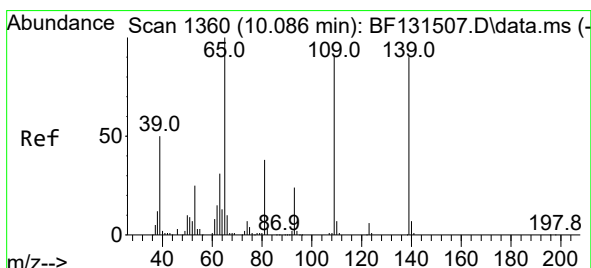
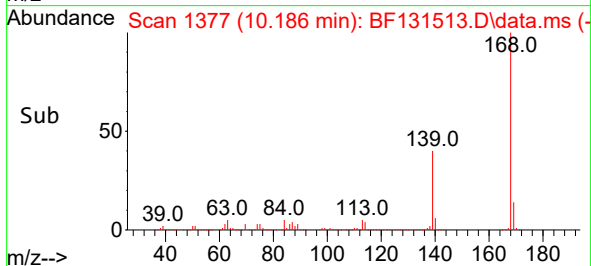
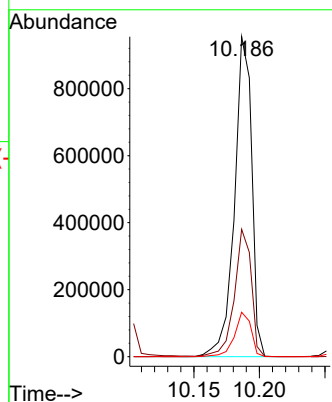
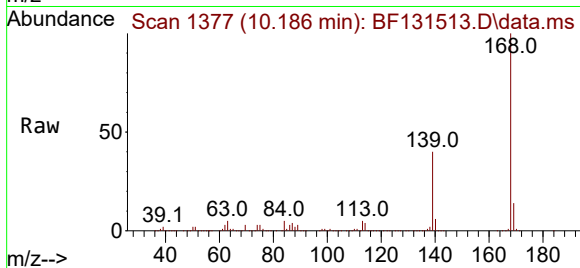
Tgt Ion:168 Resp: 875575

Ion Ratio Lower Upper

168 100

139 39.8 31.8 47.8

169 13.9 10.6 15.8



#56

4-Nitrophenol

Concen: 98.757 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.012 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

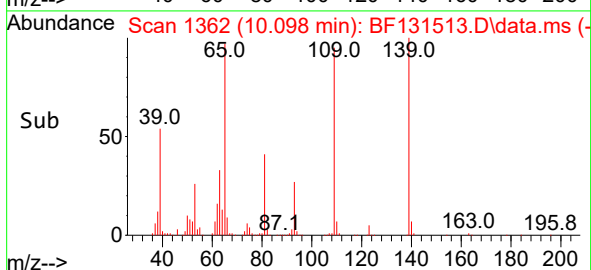
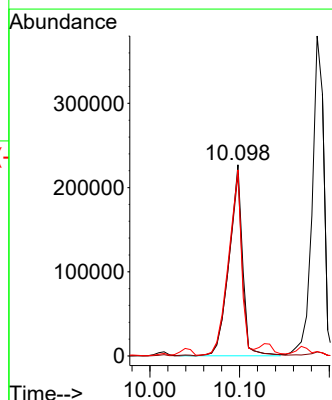
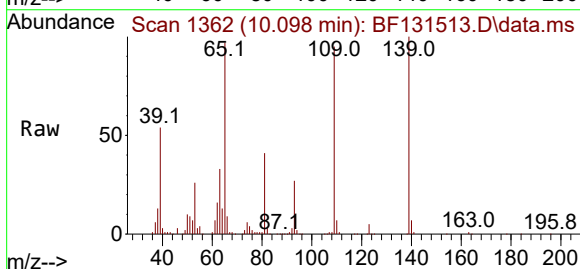
Tgt Ion:139 Resp: 236412

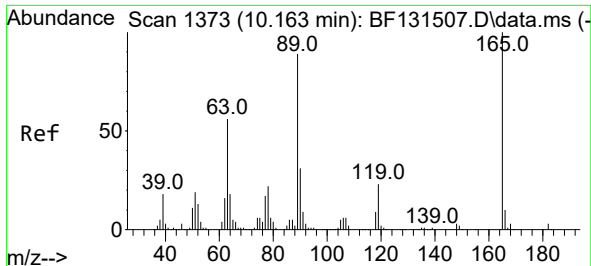
Ion Ratio Lower Upper

139 100

109 94.8 81.1 121.1

65 97.4 91.5 131.5

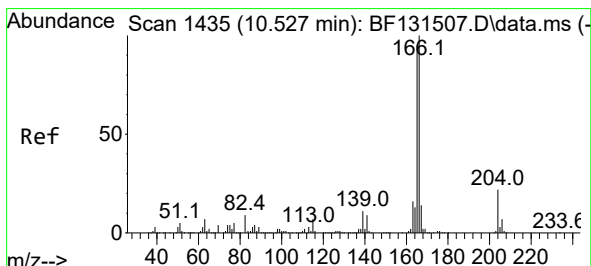
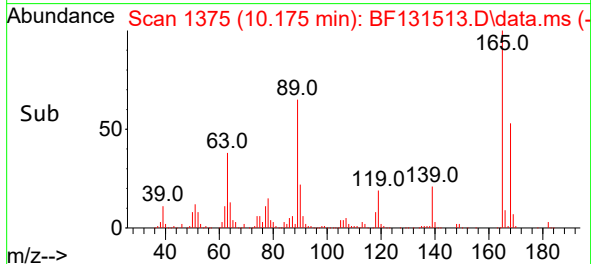
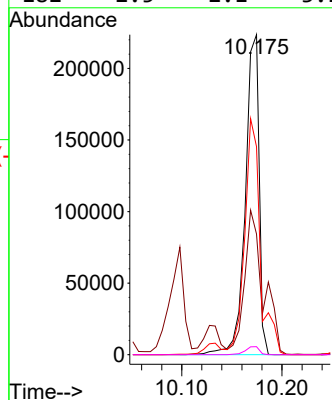
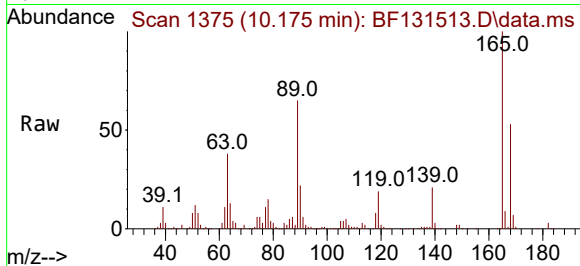




#57
2,4-Dinitrotoluene
Concen: 49.774 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

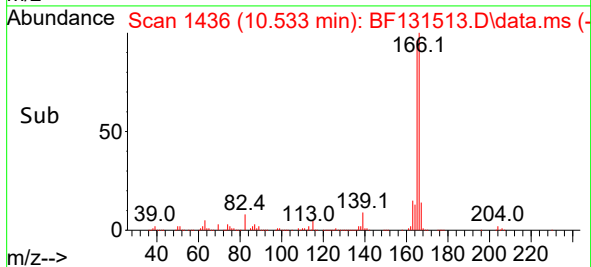
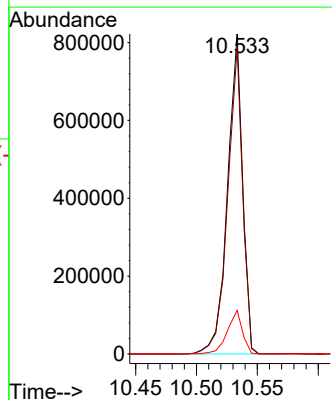
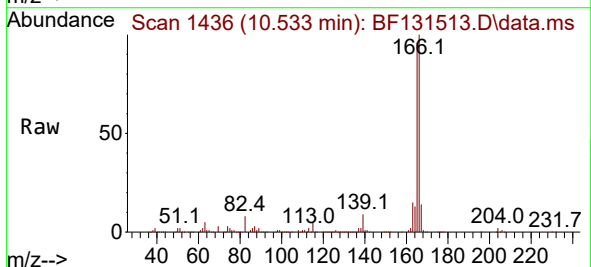
Instrument :
BNA_F
ClientSampleId :
PB149409BS

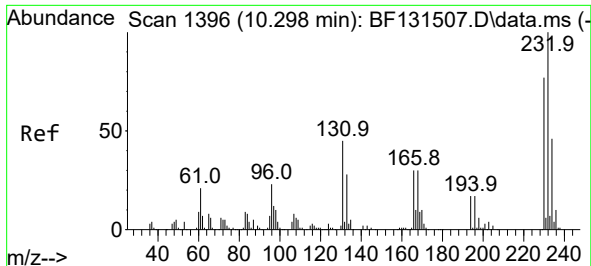
Tgt Ion:165 Resp: 214039
Ion Ratio Lower Upper
165 100
63 37.7 45.3 67.9#
89 65.0 71.0 106.4#
182 2.5 2.1 3.1



#58
Fluorene
Concen: 44.414 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:166 Resp: 708774
Ion Ratio Lower Upper
166 100
165 95.7 75.7 113.5
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.469 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

Tgt Ion:232 Resp: 203531

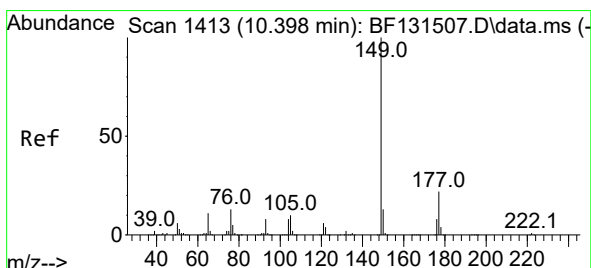
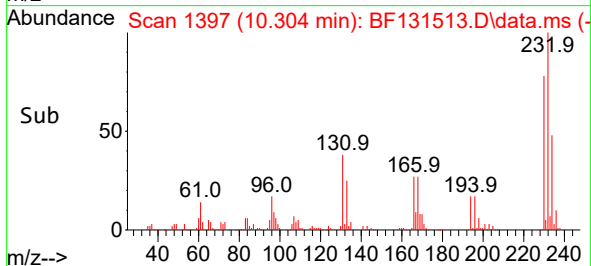
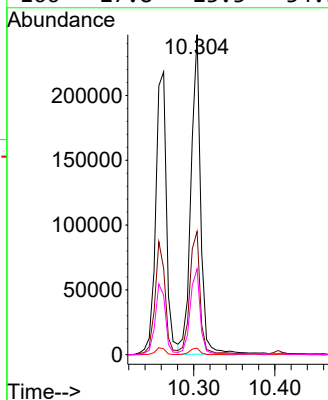
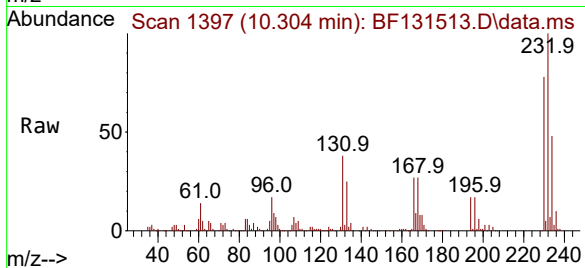
Ion Ratio Lower Upper

232 100

131 41.1 34.8 52.2

130 2.2 1.8 2.6

166 27.8 23.3 34.9



#60

Diethylphthalate

Concen: 45.381 ng

RT: 10.404 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

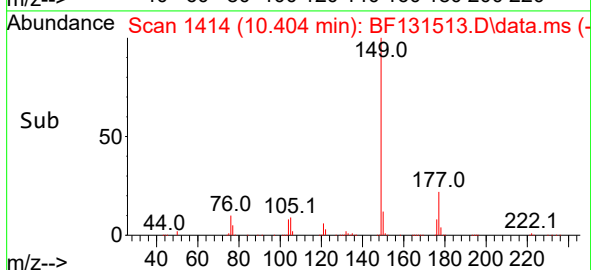
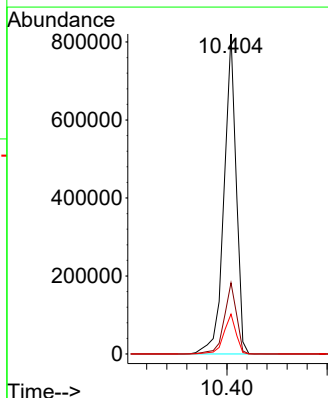
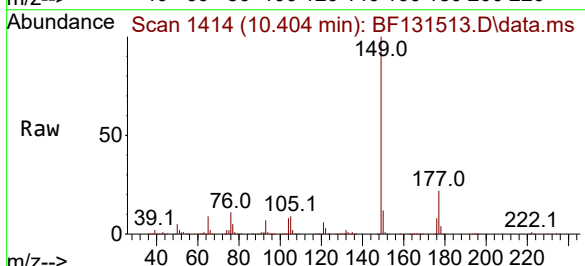
Tgt Ion:149 Resp: 686291

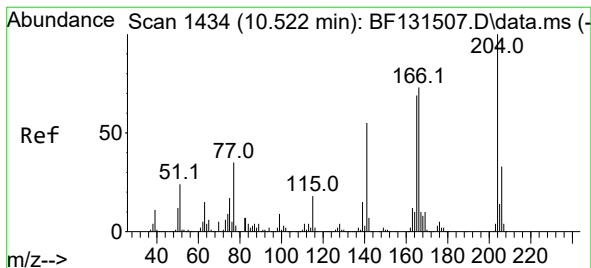
Ion Ratio Lower Upper

149 100

177 22.3 17.4 26.2

150 12.5 10.2 15.4

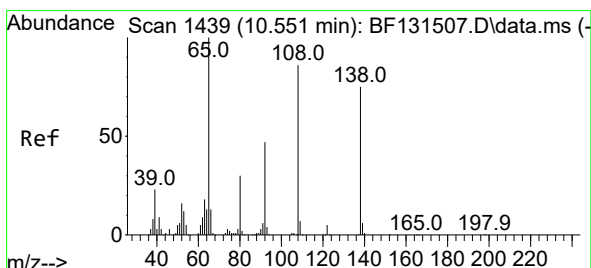
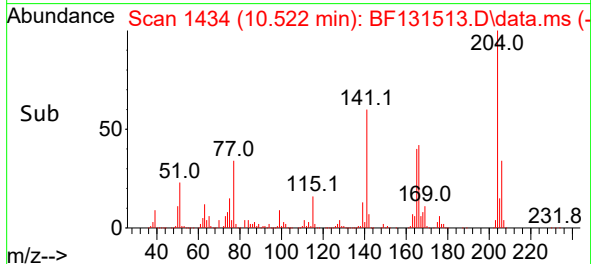
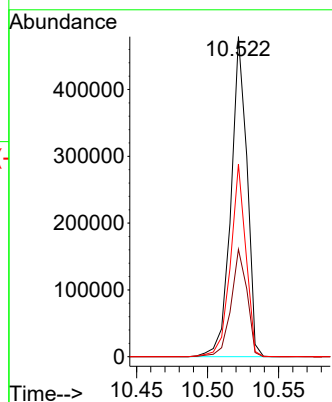
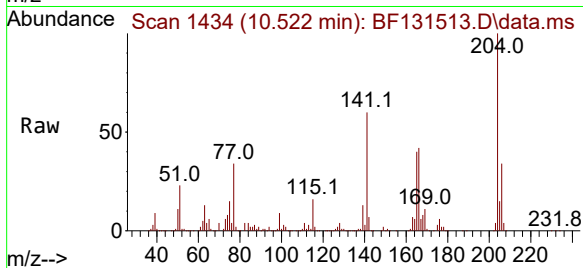




#61
4-Chlorophenyl-phenylether
Concen: 45.267 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

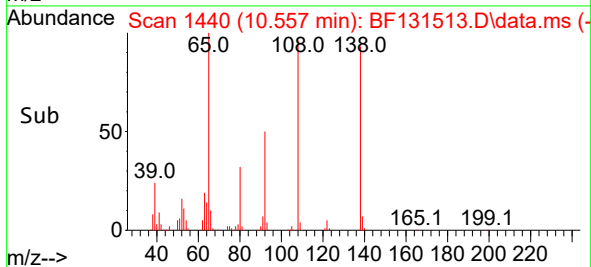
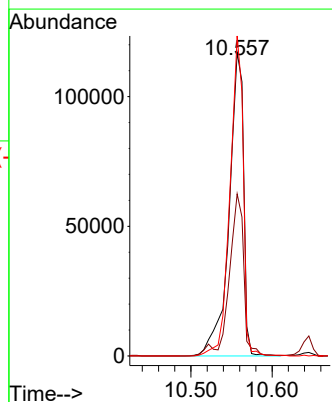
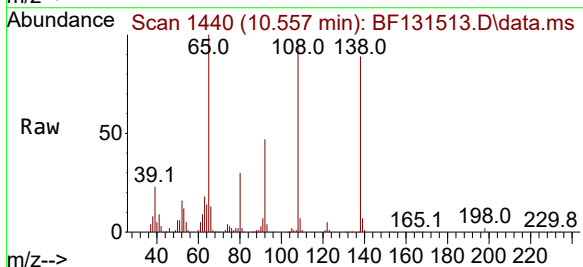
Instrument :
BNA_F
ClientSampleId :
PB149409BS

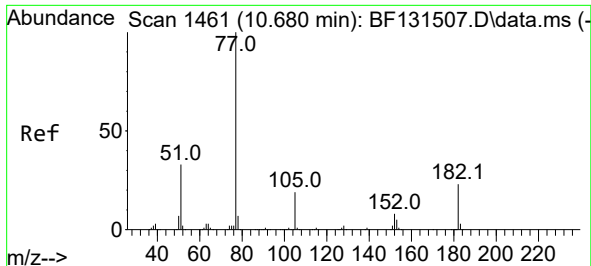
Tgt Ion:204 Resp: 373687
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 60.1 44.4 66.6



#62
4-Nitroaniline
Concen: 42.560 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:138 Resp: 145568
Ion Ratio Lower Upper
138 100
92 53.4 42.7 82.7
108 105.5 95.0 135.0

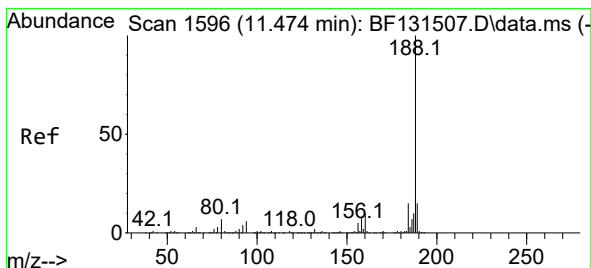
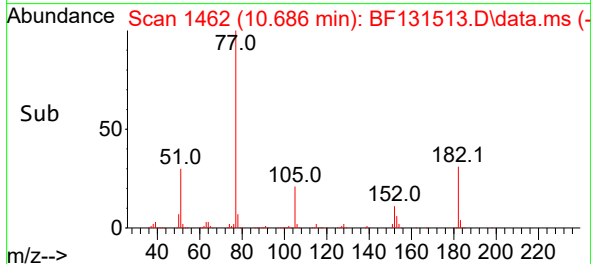
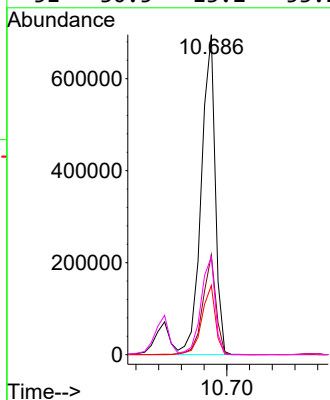
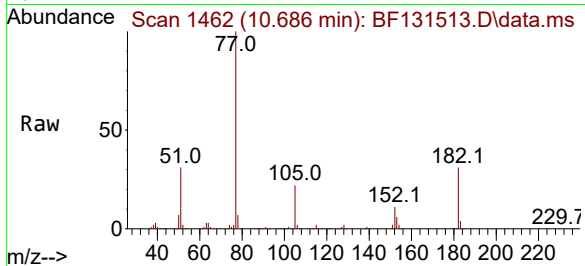




#63
Azobenzene
Concen: 39.643 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

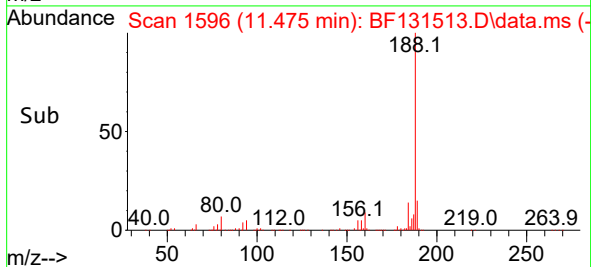
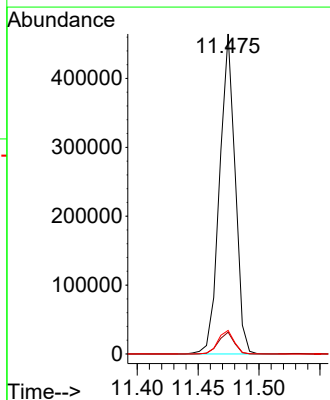
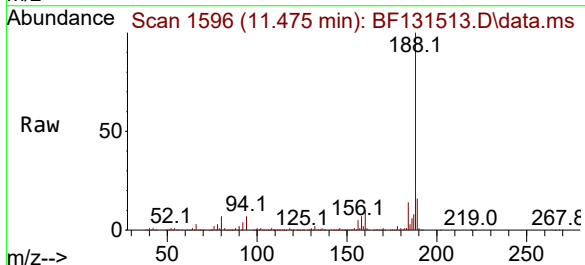
Instrument :
BNA_F
ClientSampleId :
PB149409BS

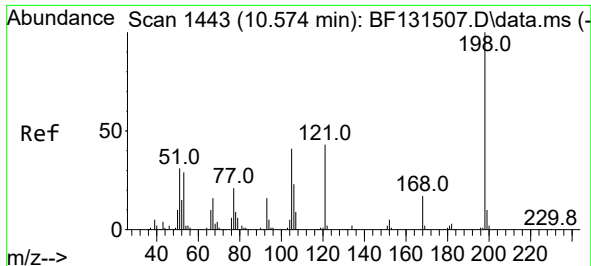
Tgt Ion: 77	Resp: 591171
Ion Ratio	Lower Upper
77 100	
182 31.2	2.6 42.6
105 21.6	0.0 39.1
51 30.5	13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:188	Resp: 413326
Ion Ratio	Lower Upper
188 100	
94 6.8	5.1 7.7
80 7.4	5.9 8.9

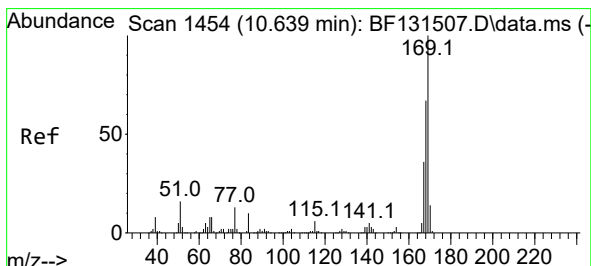
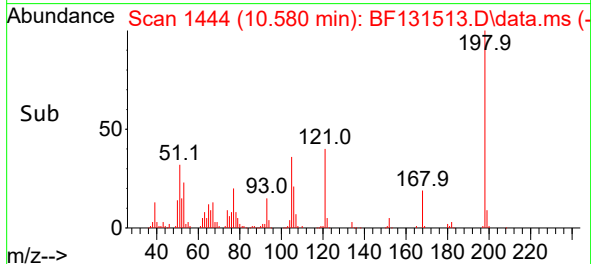
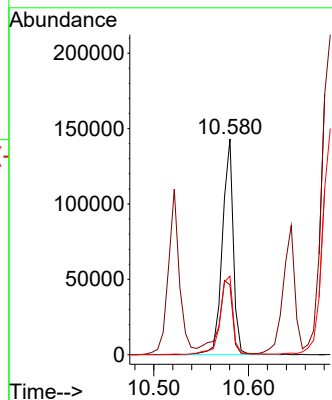
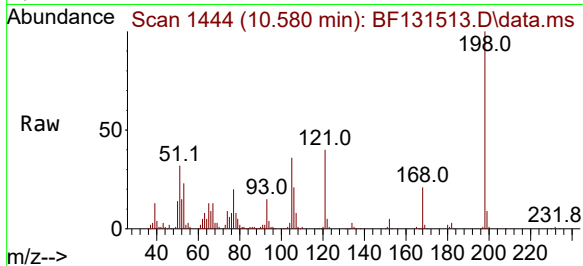




#65
4,6-Dinitro-2-methylphenol
Concen: 50.919 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

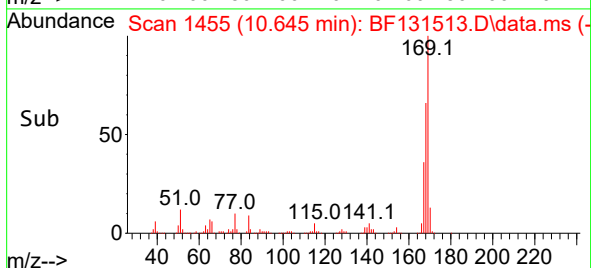
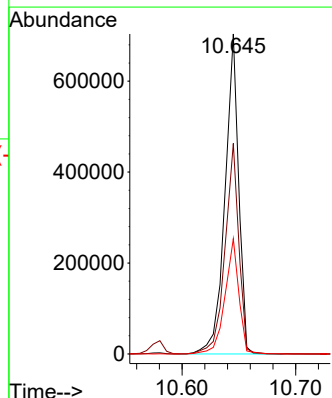
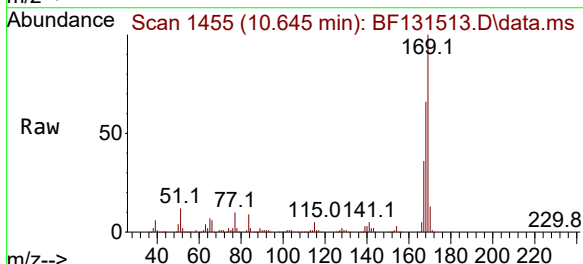
Instrument :
BNA_F
ClientSampleId :
PB149409BS

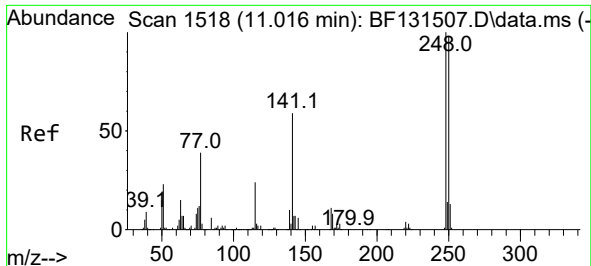
Tgt Ion:198 Resp: 115482
Ion Ratio Lower Upper
198 100
51 32.3 19.7 59.7
105 36.4 21.9 61.9



#66
n-Nitrosodiphenylamine
Concen: 45.487 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:169 Resp: 590055
Ion Ratio Lower Upper
169 100
168 65.8 53.7 80.5
167 36.0 28.4 42.6

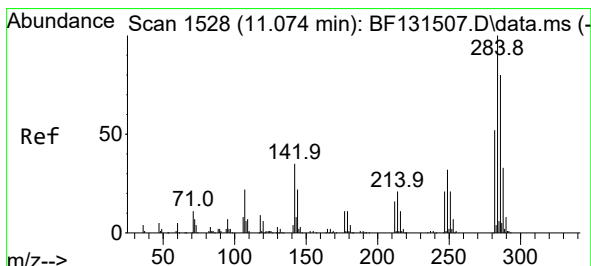
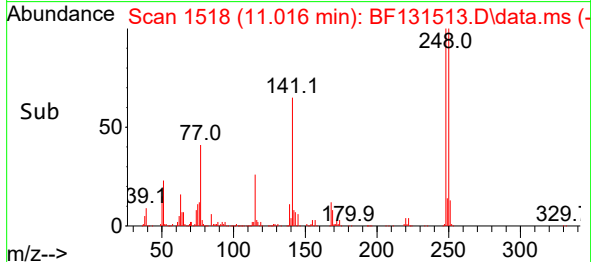
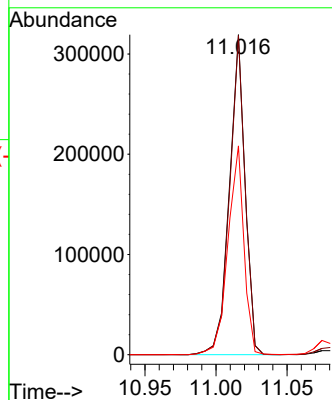
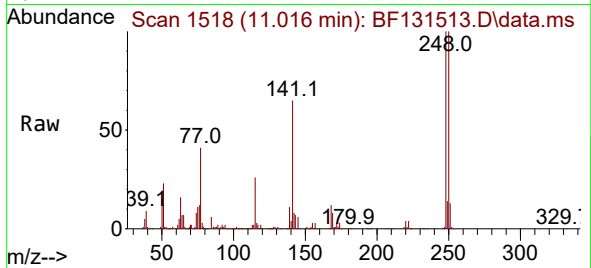




#67
4-Bromophenyl-phenylether
Concen: 47.393 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

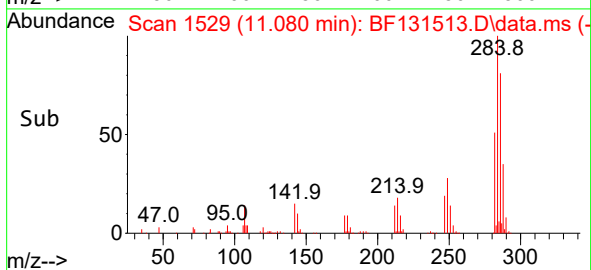
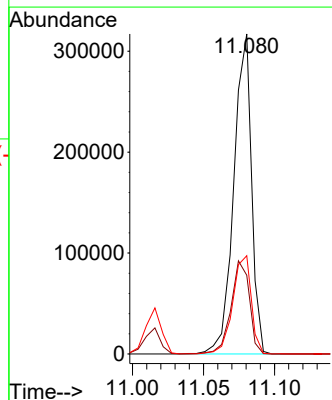
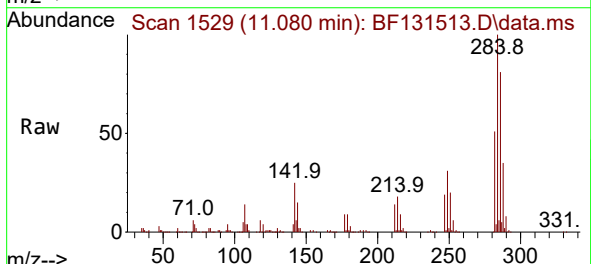
Instrument :
BNA_F
ClientSampleId :
PB149409BS

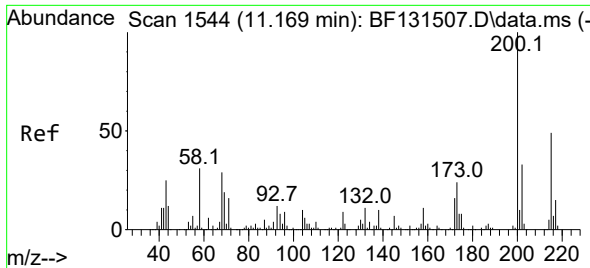
Tgt Ion:248 Resp: 245081
Ion Ratio Lower Upper
248 100
250 99.7 78.6 117.8
141 65.3 47.1 70.7



#68
Hexachlorobenzene
Concen: 48.217 ng
RT: 11.080 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:284 Resp: 276334
Ion Ratio Lower Upper
284 100
142 24.6 28.2 42.4#
249 30.7 25.8 38.8

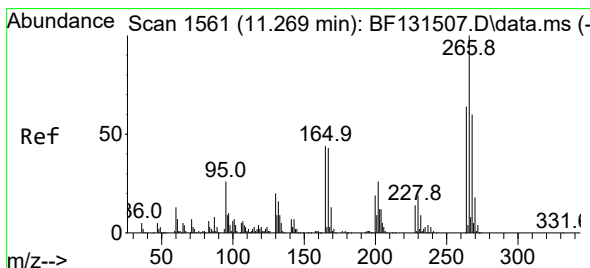
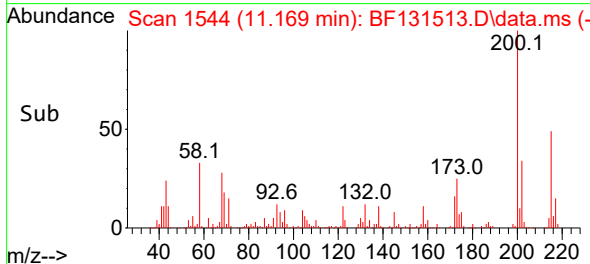
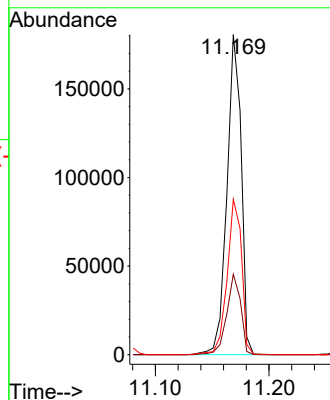
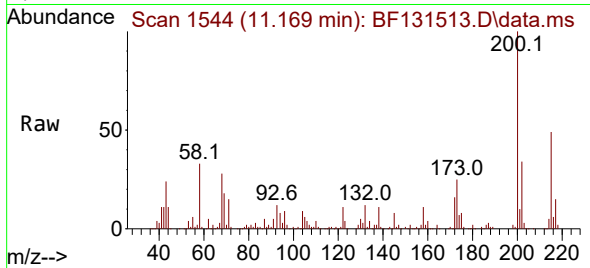




#69
 Atrazine
 Concen: 41.012 ng
 RT: 11.169 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

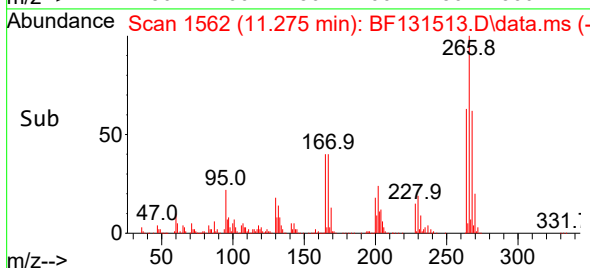
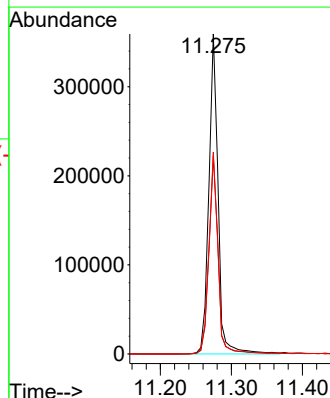
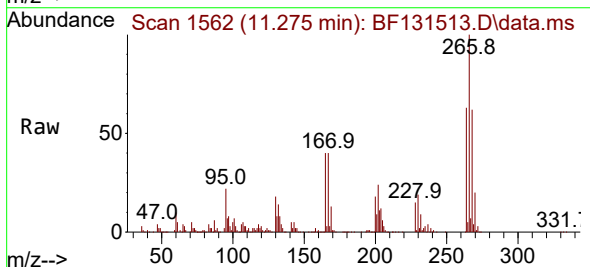
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS

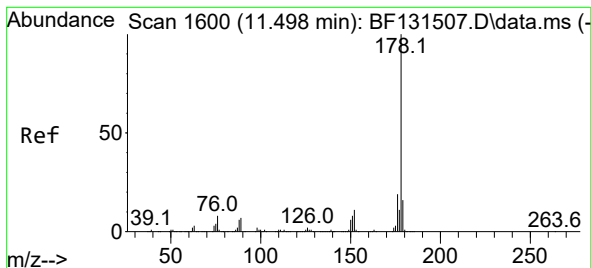
Tgt Ion:200 Resp: 157312
 Ion Ratio Lower Upper
 200 100
 173 25.2 4.4 44.4
 215 48.5 29.3 69.3



#70
 Pentachlorophenol
 Concen: 106.124 ng
 RT: 11.275 min Scan# 1562
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

Tgt Ion:266 Resp: 325659
 Ion Ratio Lower Upper
 266 100
 268 62.0 48.0 72.0
 264 63.1 51.4 77.0





#71

Phenanthrene

Concen: 45.414 ng

RT: 11.504 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

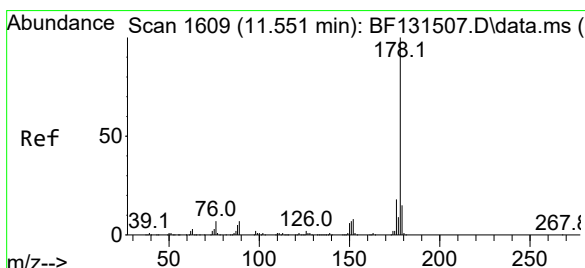
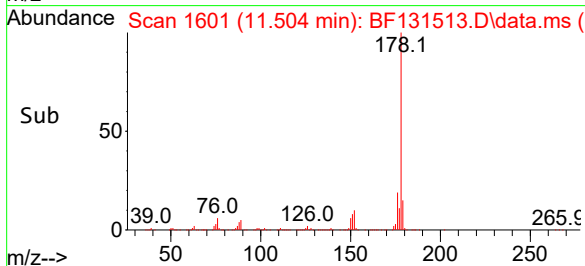
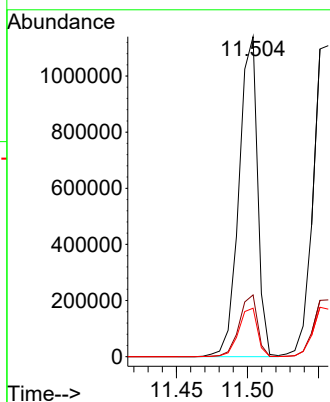
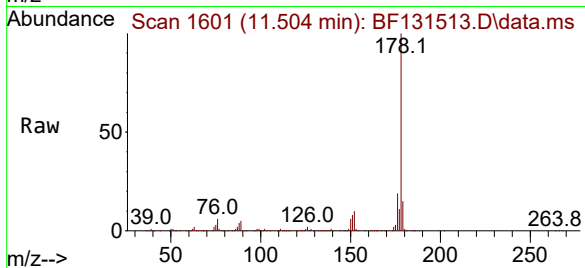
Tgt Ion:178 Resp: 1043035

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.2 12.5 18.7



#72

Anthracene

Concen: 46.771 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

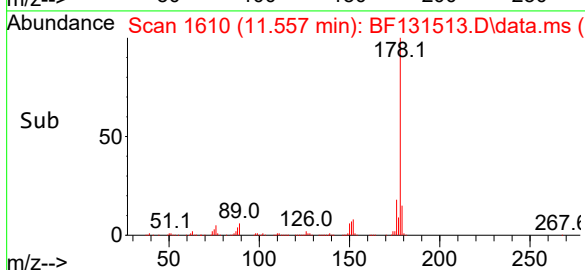
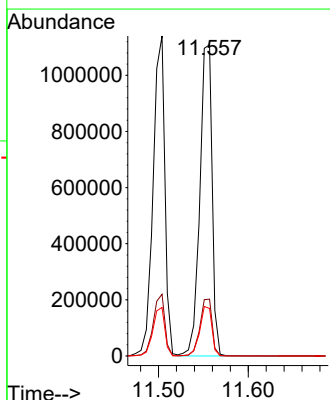
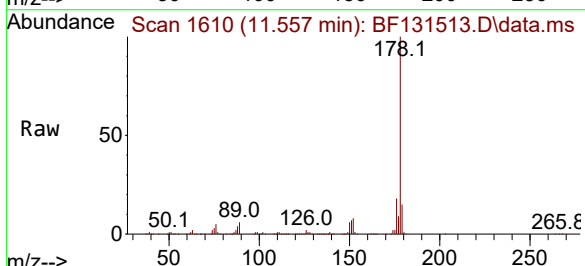
Tgt Ion:178 Resp: 1056089

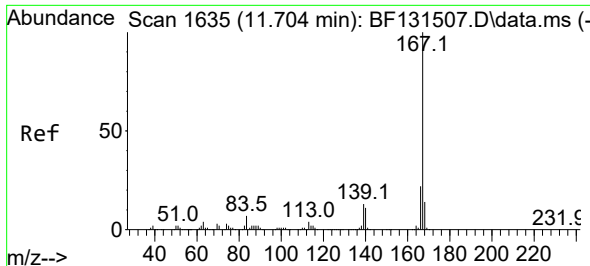
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.3 12.3 18.5

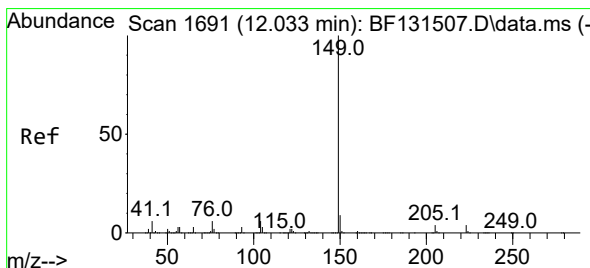
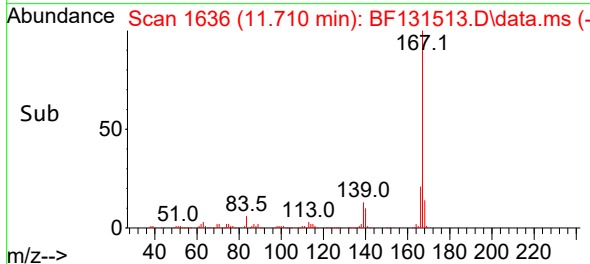
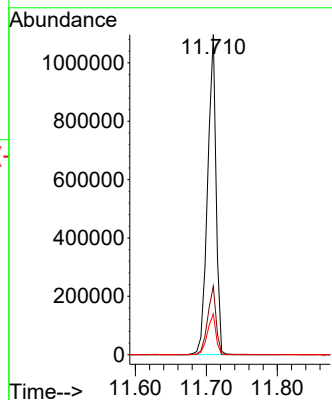
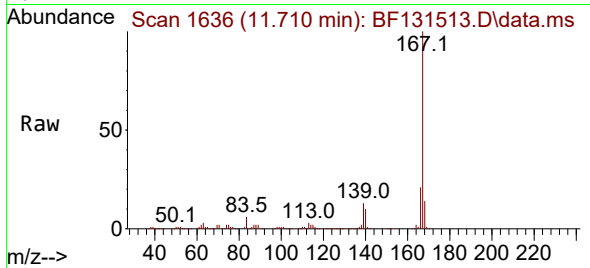




#73
 Carbazole
 Concen: 48.053 ng
 RT: 11.710 min Scan# 1636
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

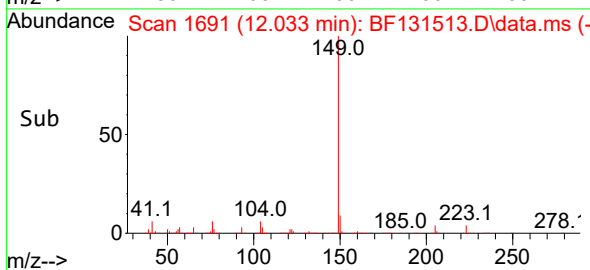
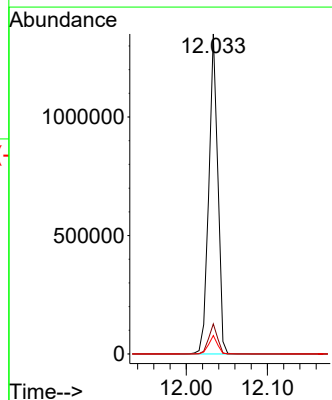
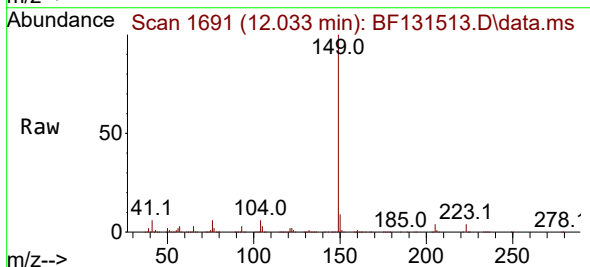
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS

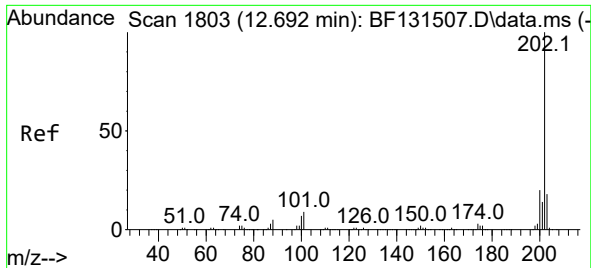
Tgt Ion:167 Resp: 913428
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 48.847 ng
 RT: 12.033 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

Tgt Ion:149 Resp: 1036683
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.8 4.7 7.1

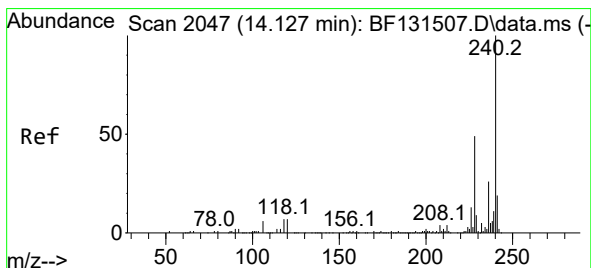
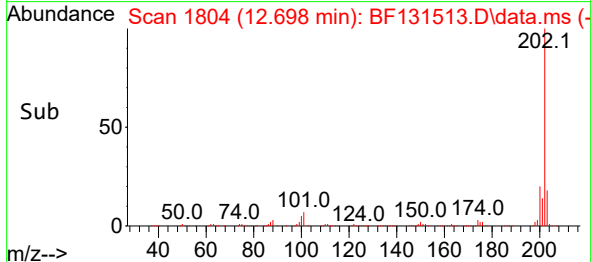
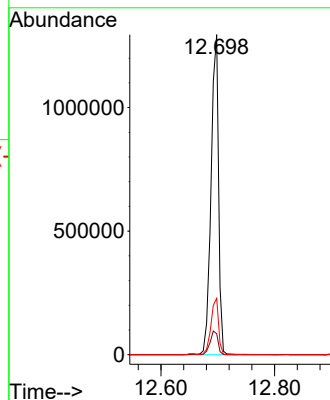
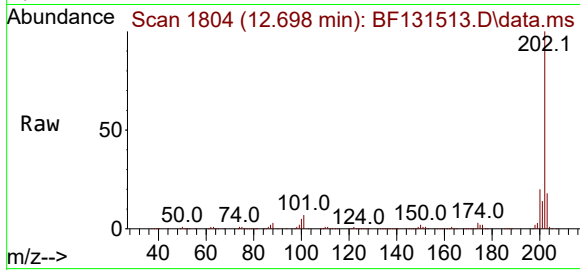




#75
Fluoranthene
Concen: 46.744 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

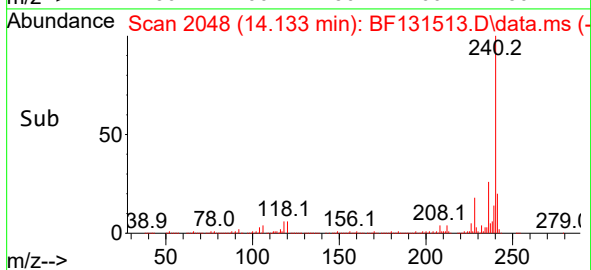
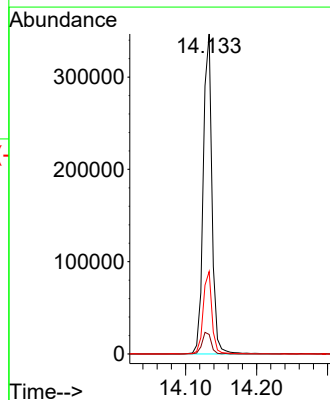
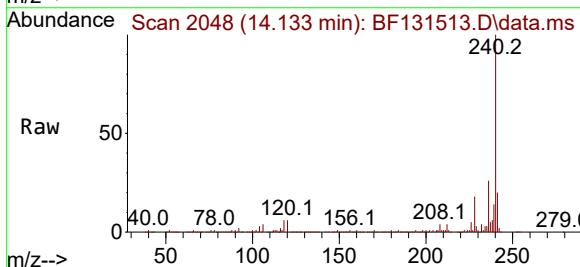
Instrument :
BNA_F
ClientSampleId :
PB149409BS

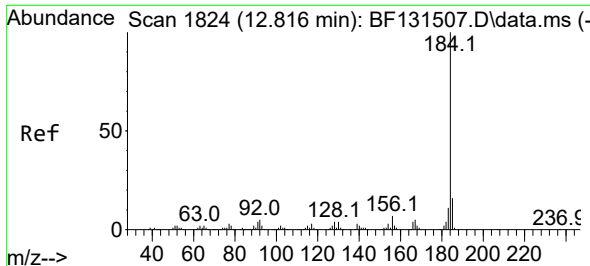
Tgt Ion:202 Resp: 1181546
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.5
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:240 Resp: 297888
Ion Ratio Lower Upper
240 100
120 6.1 5.6 8.4
236 25.7 20.6 31.0

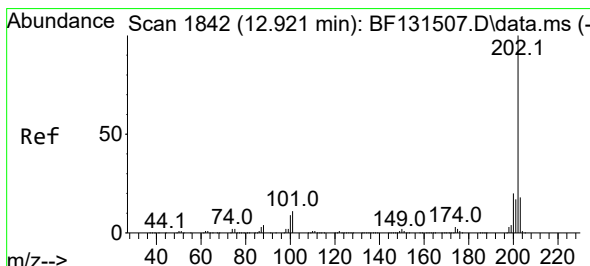
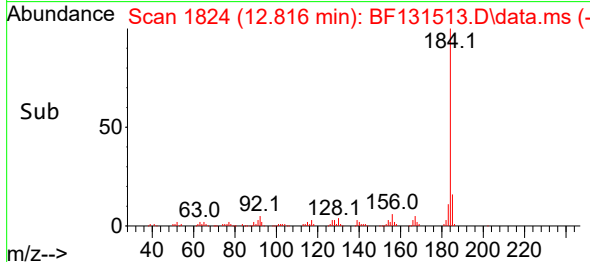
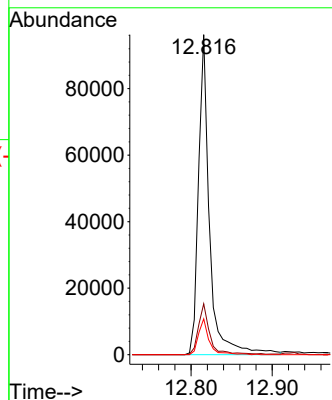
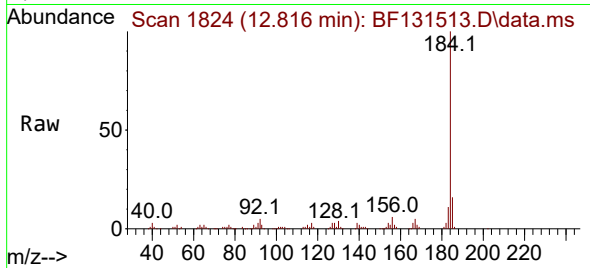




#77
Benzidine
Concen: 18.137 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

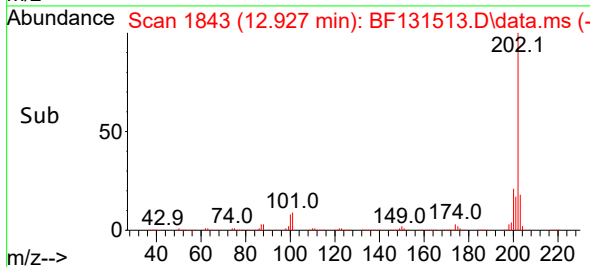
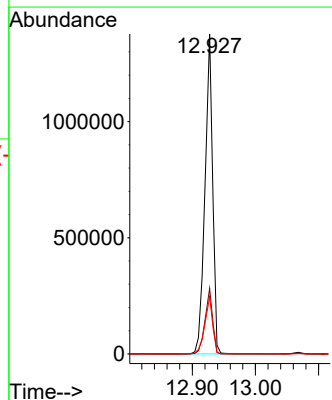
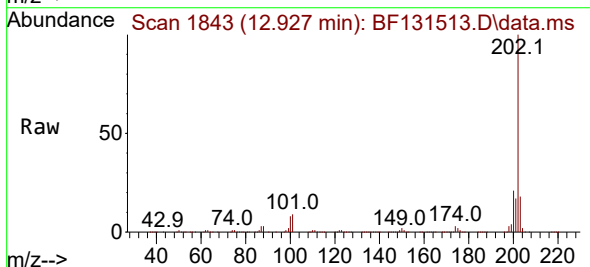
Instrument :
BNA_F
ClientSampleId :
PB149409BS

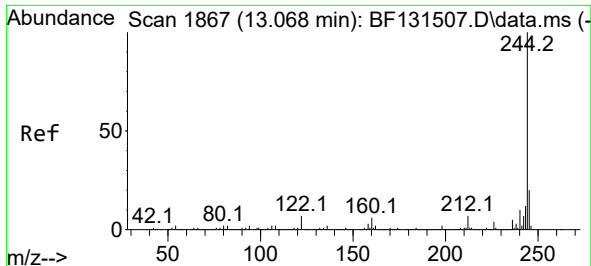
Tgt Ion:184 Resp: 91233
Ion Ratio Lower Upper
184 100
185 15.9 12.6 19.0
183 11.2 9.0 13.4



#78
Pyrene
Concen: 43.779 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:202 Resp: 1168057
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.9 14.2 21.4

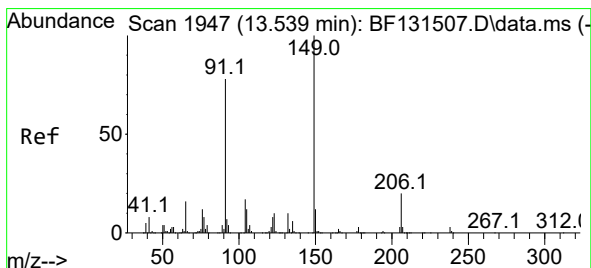
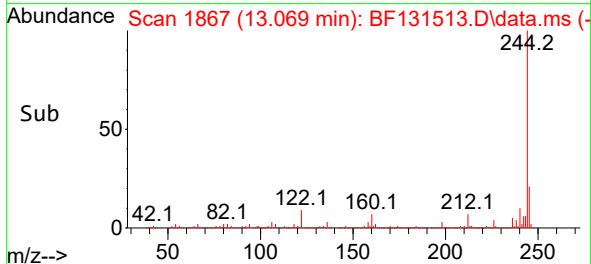
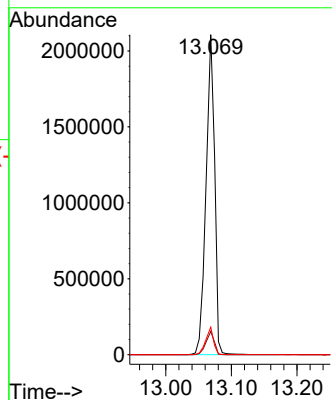
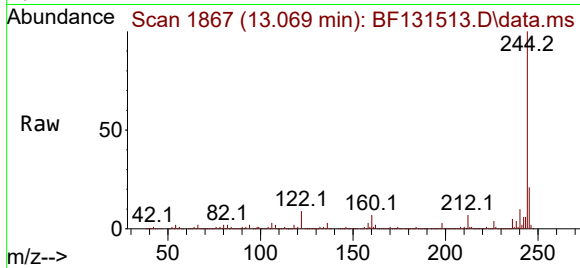




#79
 Terphenyl-d14
 Concen: 98.188 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

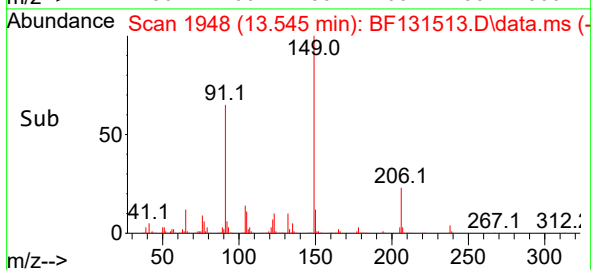
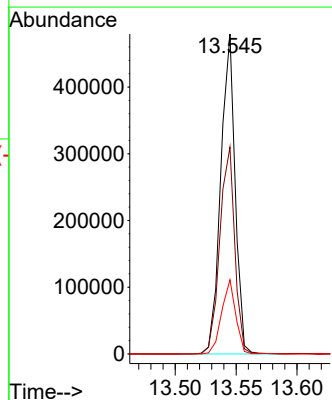
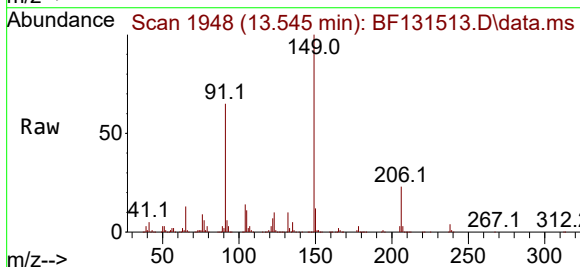
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS

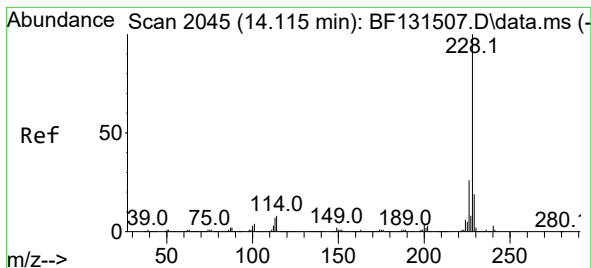
Tgt Ion:244 Resp: 1936806
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.6 5.4 8.2#



#80
 Butylbenzylphthalate
 Concen: 54.914 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

Tgt Ion:149 Resp: 395209
 Ion Ratio Lower Upper
 149 100
 91 64.6 62.5 93.7
 206 23.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.502 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

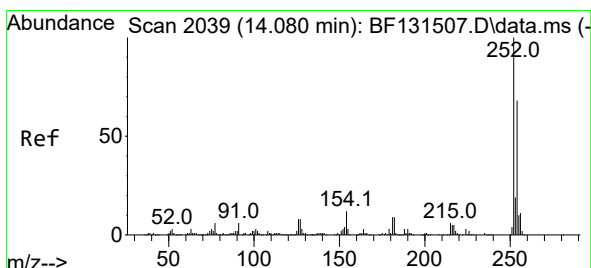
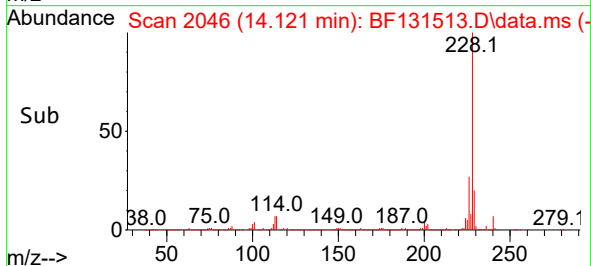
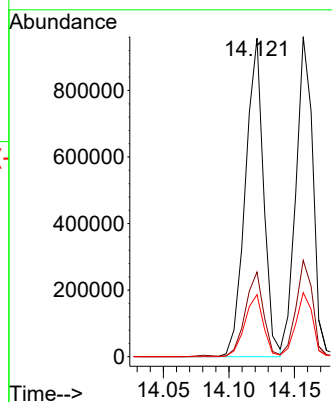
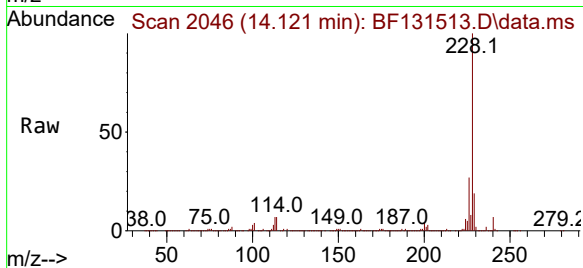
Tgt Ion:228 Resp: 925643

Ion Ratio Lower Upper

228 100

226 26.6 21.0 31.4

229 19.5 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 37.127 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

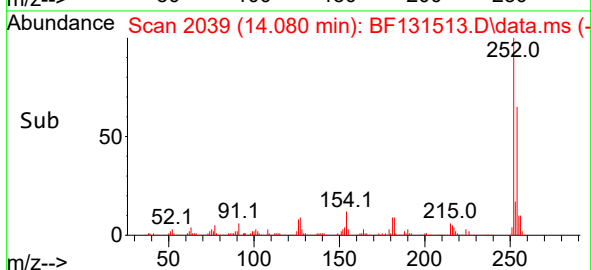
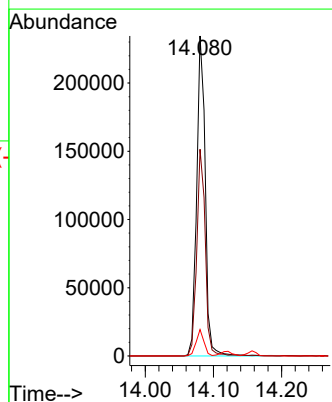
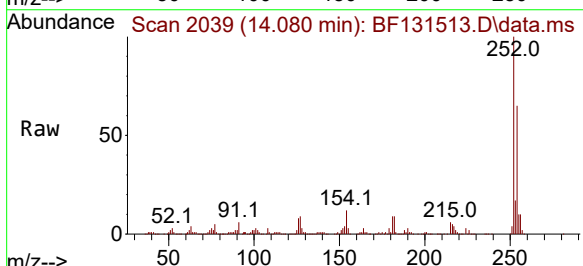
Tgt Ion:252 Resp: 204536

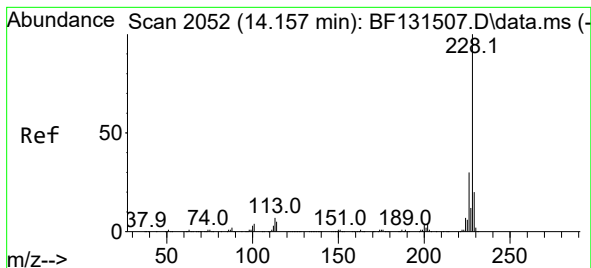
Ion Ratio Lower Upper

252 100

254 64.6 54.3 81.5

126 8.2 6.3 9.5





#83

Chrysene

Concen: 44.765 ng

RT: 14.157 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

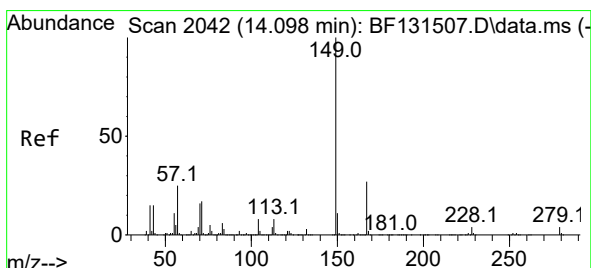
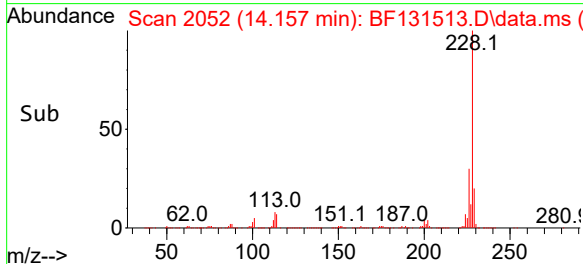
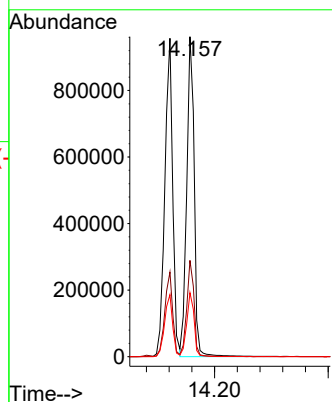
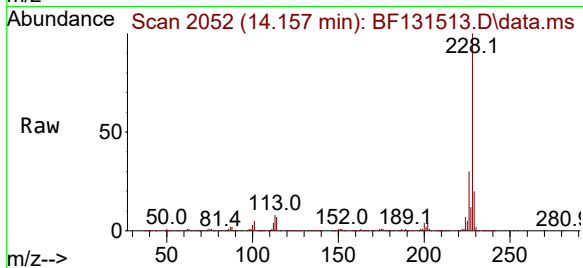
Tgt Ion:228 Resp: 875476

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.447 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

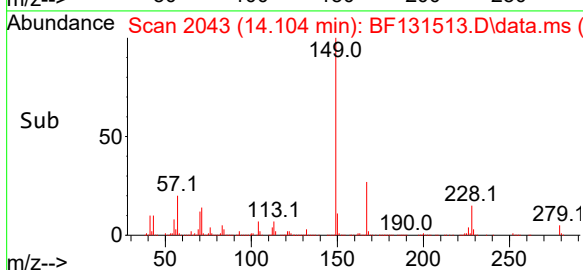
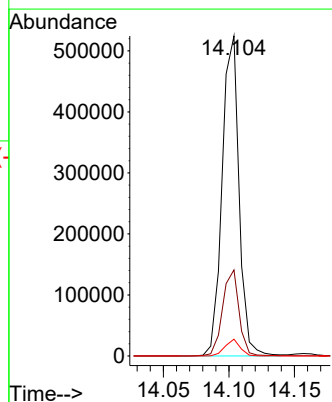
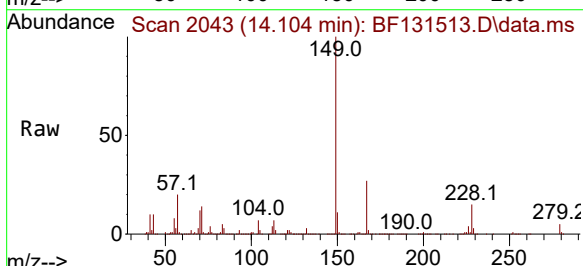
Tgt Ion:149 Resp: 470077

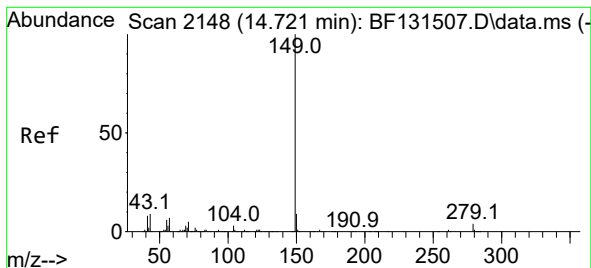
Ion Ratio Lower Upper

149 100

167 26.9 21.7 32.5

279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 51.422 ng

RT: 14.727 min Scan# 2148

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

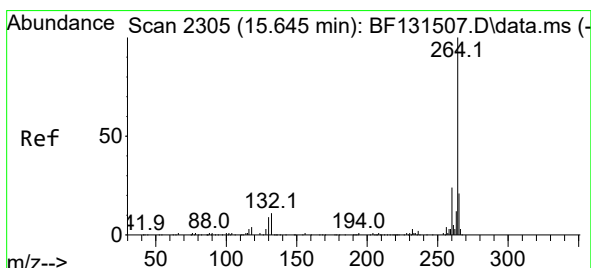
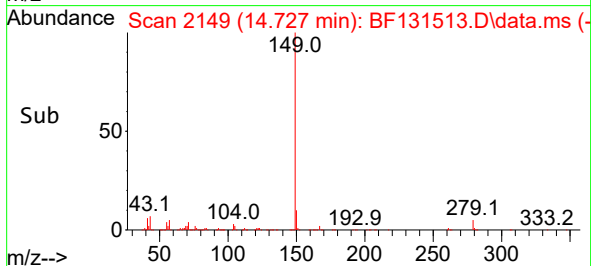
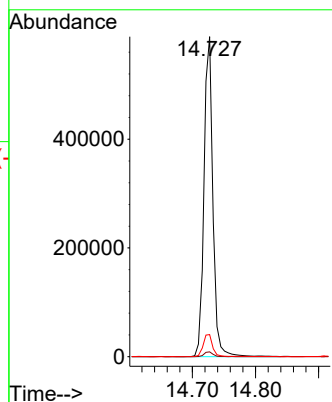
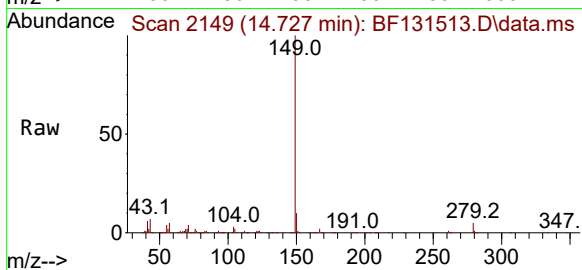
Tgt Ion:149 Resp: 578562

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.4 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

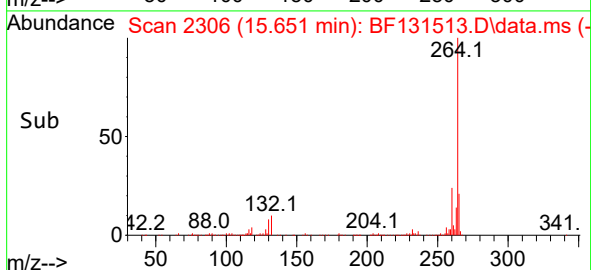
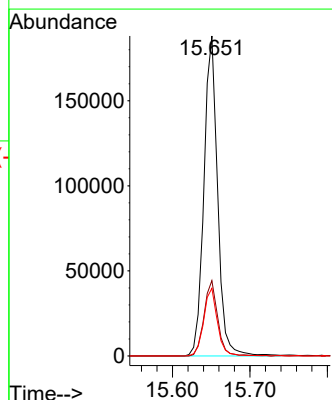
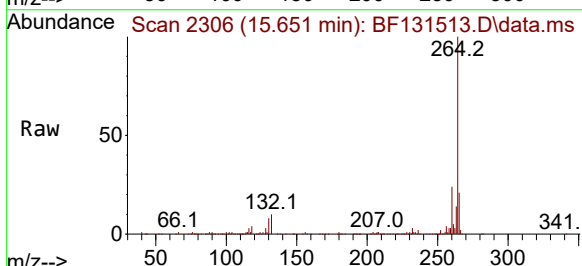
Tgt Ion:264 Resp: 231068

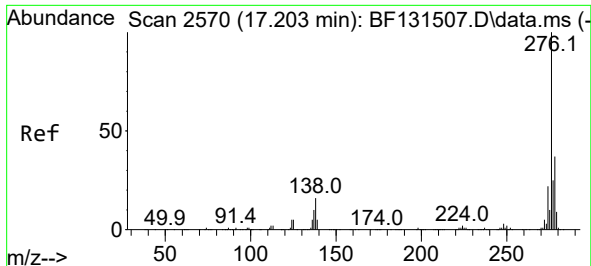
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.1 17.0 25.4

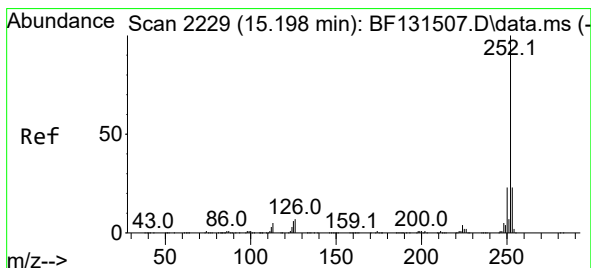
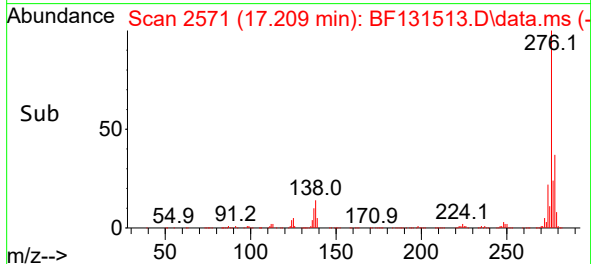
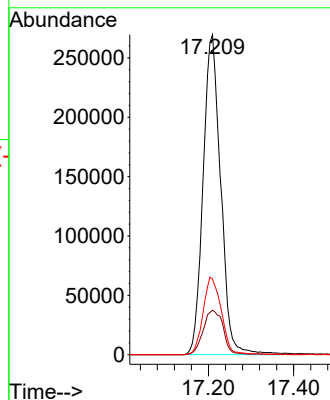
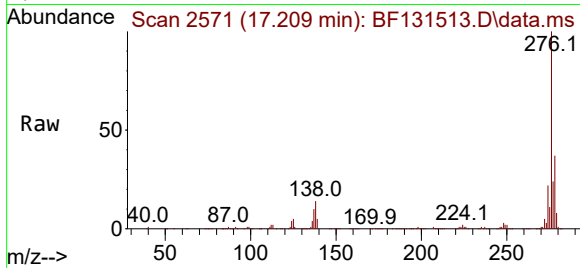




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.277 ng
 RT: 17.209 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

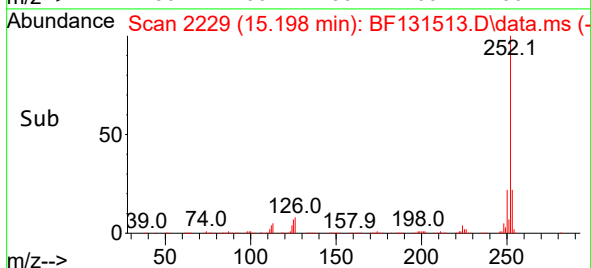
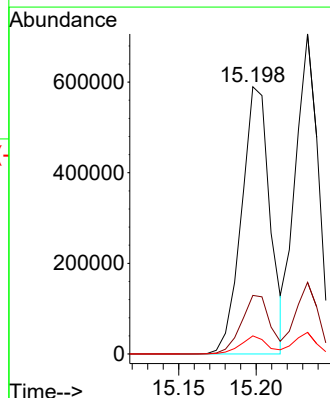
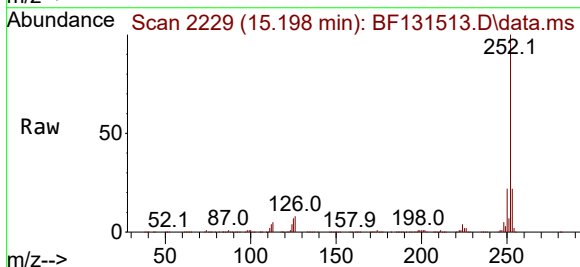
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BS

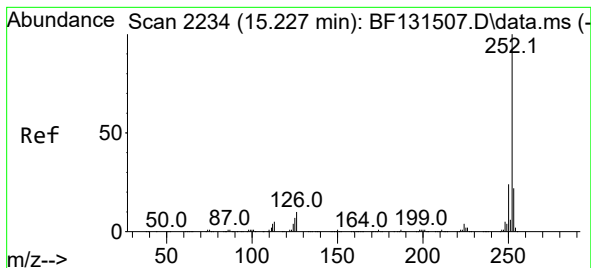
Tgt Ion:276 Resp: 772985
 Ion Ratio Lower Upper
 276 100
 138 15.7 13.2 19.8
 277 25.1 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 50.146 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF131513.D
 Acq: 05 Dec 2022 22:25

Tgt Ion:252 Resp: 752678
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.0 27.0
 125 6.8 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 46.170 ng

RT: 15.233 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

PB149409BS

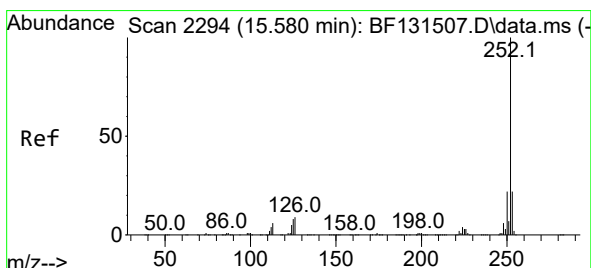
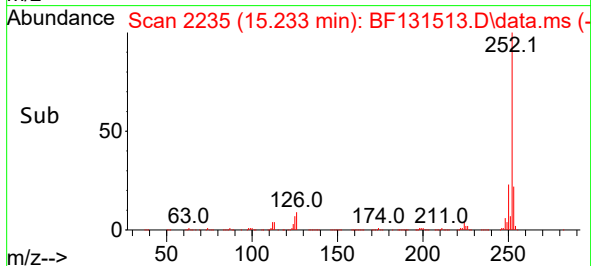
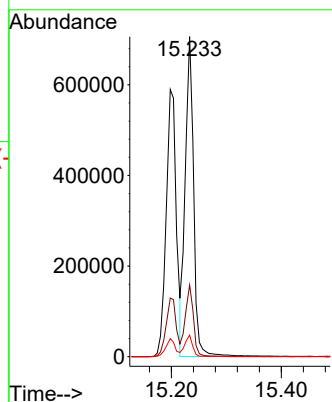
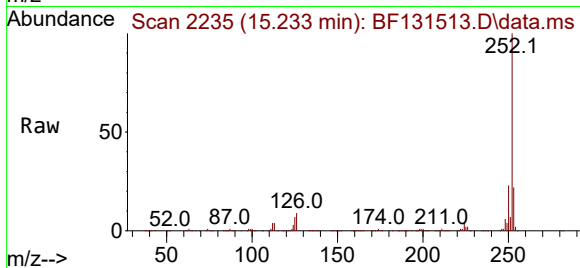
Tgt Ion:252 Resp: 752267

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 6.7 5.3 7.9



#90

Benzo(a)pyrene

Concen: 51.729 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.006 min

Lab File: BF131513.D

Acq: 05 Dec 2022 22:25

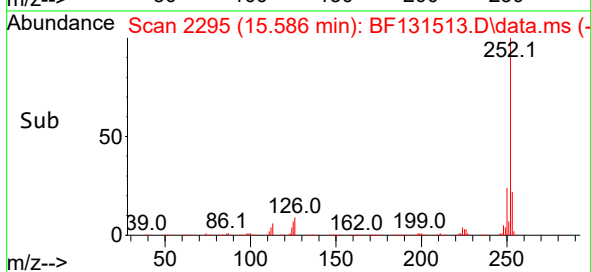
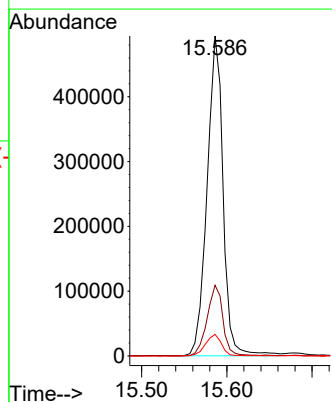
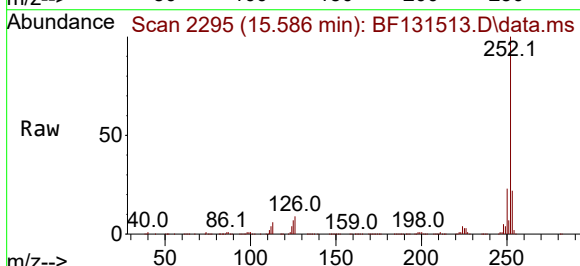
Tgt Ion:252 Resp: 644334

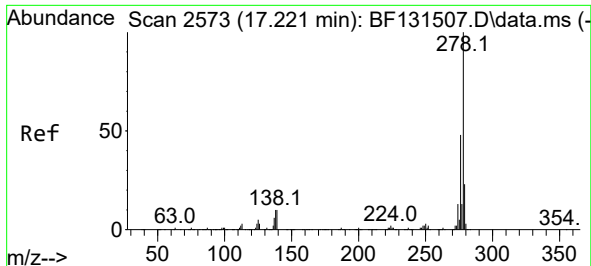
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 6.7 6.1 9.1

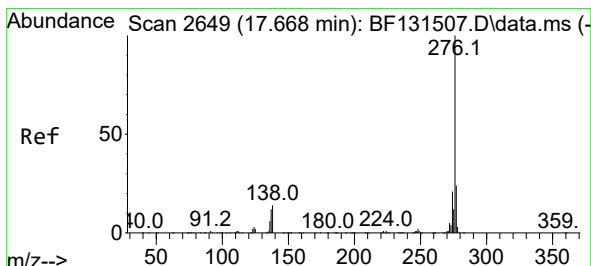
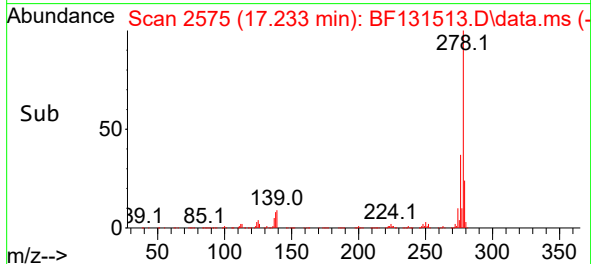
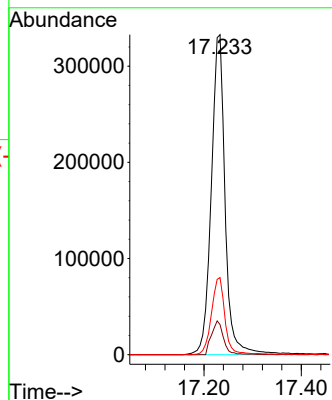
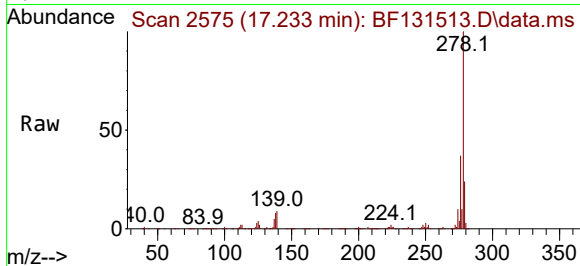




#91
Dibenzo(a,h)anthracene
Concen: 44.779 ng
RT: 17.233 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Instrument :
BNA_F
ClientSampleId :
PB149409BS

Tgt Ion:278 Resp: 652674
Ion Ratio Lower Upper
278 100
139 9.4 8.4 12.6
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 47.399 ng
RT: 17.680 min Scan# 2651
Delta R.T. 0.012 min
Lab File: BF131513.D
Acq: 05 Dec 2022 22:25

Tgt Ion:276 Resp: 639582
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 14.3 11.7 17.5

