

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131631.D
 Acq On : 14 Dec 2022 15:15
 Operator : CG\JU
 Sample : PB149594BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149594BS

Quant Time: Dec 15 01:54:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70404	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	257108	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	151257	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	288883	20.000	ng	0.00
76) Chrysene-d12	14.086	240	158853	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	135057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	627885	148.783	ng	0.01
7) Phenol-d6	6.528	99	806634	145.860	ng	0.00
23) Nitrobenzene-d5	7.457	82	558209	82.083	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	240630	143.189	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	975259	81.297	ng	0.00
79) Terphenyl-d14	13.027	244	1125656	97.180	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	76166	39.985	ng	97
3) Pyridine	3.457	79	207502	39.236	ng	99
4) n-Nitrosodimethylamine	3.434	42	114507	39.259	ng	# 86
6) Aniline	6.545	93	181533	27.447	ng	# 85
8) 2-Chlorophenol	6.669	128	207510	46.399	ng	95
9) Benzaldehyde	6.434	77	107695	28.427	ng	98
10) Phenol	6.539	94	292999	47.499	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	217896	47.123	ng	97
12) 1,3-Dichlorobenzene	6.822	146	224067	43.214	ng	100
13) 1,4-Dichlorobenzene	6.898	146	229733	43.925	ng	98
14) 1,2-Dichlorobenzene	7.051	146	219510	43.936	ng	98
15) Benzyl Alcohol	7.028	79	227249	44.823	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	268367	44.930	ng	96
17) 2-Methylphenol	7.145	107	186318	46.226	ng	98
18) Hexachloroethane	7.398	117	91521	43.379	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	177205	42.733	ng	96
20) 3+4-Methylphenols	7.298	107	237711	43.300	ng	# 81
22) Acetophenone	7.298	105	333541	41.397	ng	95
24) Nitrobenzene	7.475	77	274714	40.052	ng	94
25) Isophorone	7.710	82	487814	44.533	ng	98
26) 2-Nitrophenol	7.786	139	113505	48.526	ng	96
27) 2,4-Dimethylphenol	7.828	122	188868	52.681	ng	91
28) bis(2-Chloroethoxy)met...	7.922	93	268738	47.425	ng	99
29) 2,4-Dichlorophenol	8.033	162	190237	42.915	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	220054	40.479	ng	98
31) Naphthalene	8.198	128	592100	40.888	ng	100
32) Benzoic acid	7.963	122	131755	50.745	ng	98
33) 4-Chloroaniline	8.245	127	55946	10.307	ng	98
34) Hexachlorobutadiene	8.310	225	147913	38.606	ng	97
35) Caprolactam	8.628	113	32622	28.448	ng	92
36) 4-Chloro-3-methylphenol	8.733	107	223978	44.996	ng	98
37) 2-Methylnaphthalene	8.892	142	404232	40.817	ng	98
38) 1-Methylnaphthalene	8.992	142	378175	39.779	ng	97
40) 1,2,4,5-Tetrachloroben...	9.057	216	238155	42.534	ng	99
41) Hexachlorocyclopentadiene	9.039	237	286634	100.856	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	149979	43.305	ng	99

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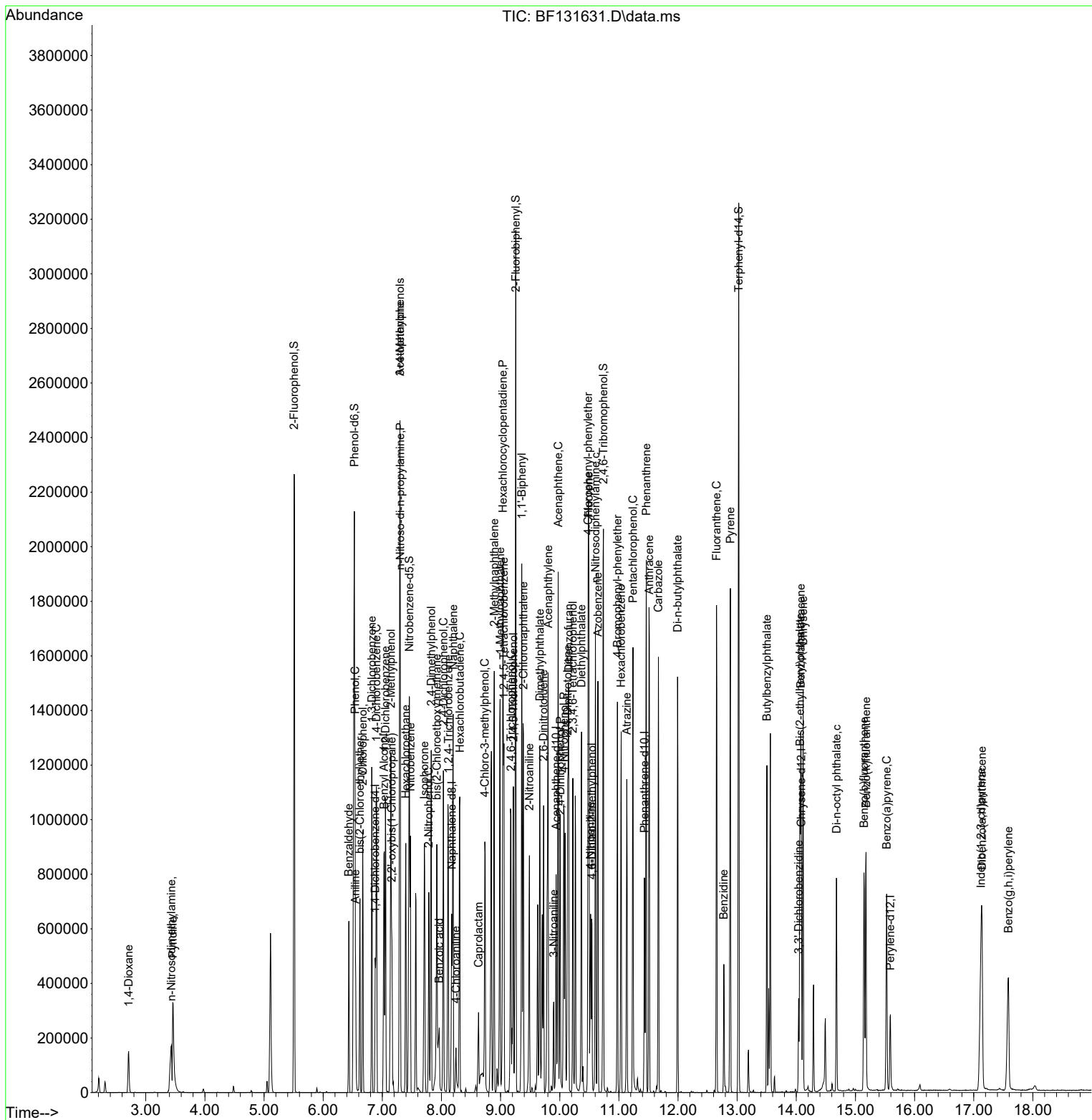
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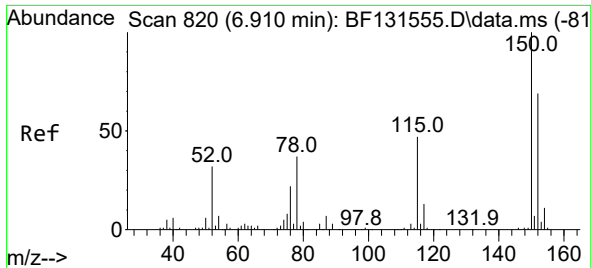
Quant Time: Dec 15 01:54:07 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	159453	42.811	ng	98
46) 1,1'-Biphenyl	9.357	154	513200	42.913	ng	98
47) 2-Chloronaphthalene	9.386	162	418128	42.913	ng	98
48) 2-Nitroaniline	9.486	65	147230	42.656	ng	89
49) Acenaphthylene	9.804	152	624714	43.666	ng	99
50) Dimethylphthalate	9.663	163	498922	43.269	ng	99
51) 2,6-Dinitrotoluene	9.727	165	108636	45.637	ng	86
52) Acenaphthene	9.975	154	374772	39.103	ng	98
53) 3-Nitroaniline	9.898	138	42519	18.617	ng	98
54) 2,4-Dinitrophenol	10.010	184	125509	91.485	ng	90
55) Dibenzofuran	10.151	168	575606	42.505	ng	97
56) 4-Nitrophenol	10.075	139	156655	98.735	ng	# 72
57) 2,4-Dinitrotoluene	10.133	165	152461	48.282	ng	98
58) Fluorene	10.492	166	460947	41.870	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	127113	40.302	ng	96
60) Diethylphthalate	10.369	149	467271	42.229	ng	98
61) 4-Chlorophenyl-phenyle...	10.480	204	249377	40.990	ng	97
62) 4-Nitroaniline	10.522	138	100063	44.212	ng	94
63) Azobenzene	10.645	77	517781	41.027	ng	97
65) 4,6-Dinitro-2-methylph...	10.545	198	83678	45.733	ng	83
66) n-Nitrosodiphenylamine	10.604	169	392249	42.000	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	150634	40.534	ng	96
68) Hexachlorobenzene	11.039	284	166233	41.354	ng	95
69) Atrazine	11.133	200	150592	50.777	ng	99
70) Pentachlorophenol	11.239	266	176505	85.292	ng	99
71) Phenanthrene	11.463	178	675279	41.937	ng	99
72) Anthracene	11.516	178	688309	43.937	ng	99
73) Carbazole	11.669	167	589221	46.079	ng	99
74) Di-n-butylphthalate	11.992	149	682809	43.526	ng	99
75) Fluoranthene	12.651	202	735012	44.329	ng	98
77) Benzidine	12.774	184	168259	39.532	ng	97
78) Pyrene	12.886	202	731673	46.711	ng	99
80) Butylbenzylphthalate	13.504	149	230946	50.948	ng	95
81) Benzo(a)anthracene	14.074	228	519450	45.281	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	62755	19.227	ng	97
83) Chrysene	14.115	228	489288	44.863	ng	98
84) Bis(2-ethylhexyl)phtha...	14.062	149	253132	41.433	ng	99
85) Di-n-octyl phthalate	14.680	149	342187	35.359	ng	98
87) Indeno(1,2,3-cd)pyrene	17.121	276	458858	41.631	ng	99
88) Benzo(b)fluoranthene	15.145	252	421420	47.343	ng	100
89) Benzo(k)fluoranthene	15.180	252	394698	42.482	ng	99
90) Benzo(a)pyrene	15.527	252	362786	47.757	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	388849	42.865	ng	99
92) Benzo(g,h,i)perylene	17.586	276	386898	42.437	ng	99

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

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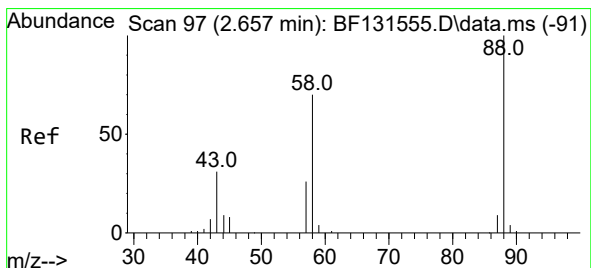
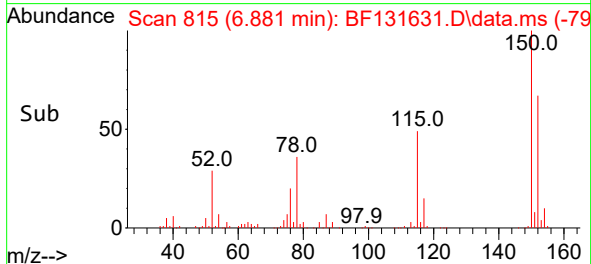
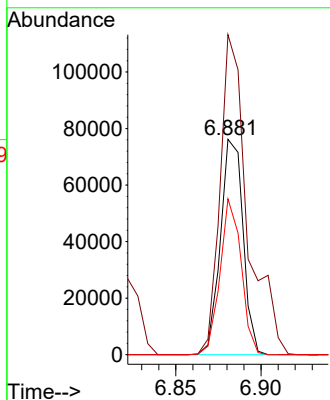
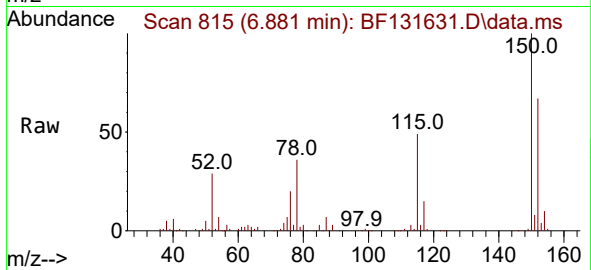




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

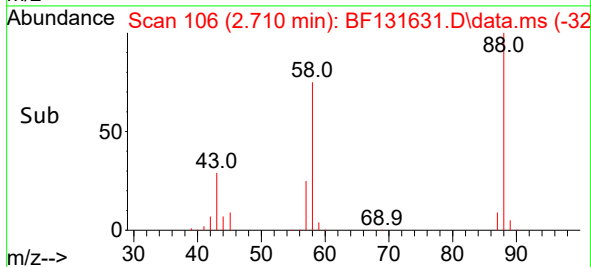
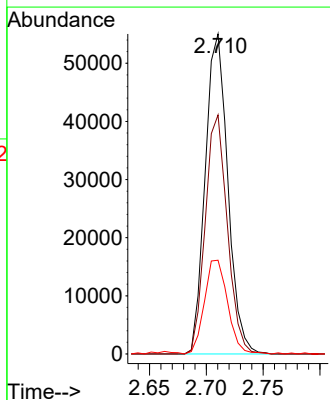
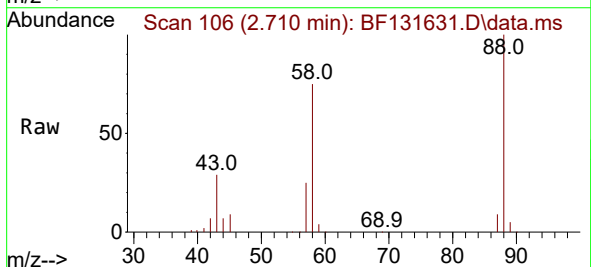
Instrument :
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 PB149594BS

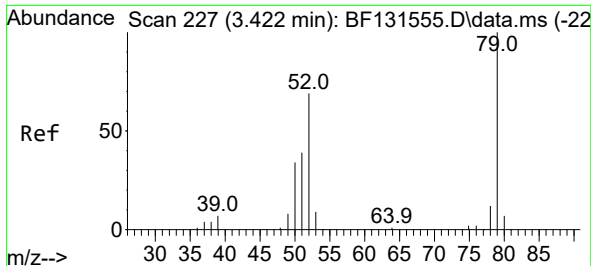
Tgt Ion:152 Resp: 70404
 Ion Ratio Lower Upper
 152 100
 150 148.6 116.7 175.1
 115 72.4 54.6 82.0



#2
 1,4-Dioxane
 Concen: 39.985 ng
 RT: 2.710 min Scan# 106
 Delta R.T. 0.082 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

Tgt Ion: 88 Resp: 76166
 Ion Ratio Lower Upper
 88 100
 58 72.9 60.0 90.0
 43 30.2 26.7 40.1





#3

Pyridine

Concen: 39.236 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

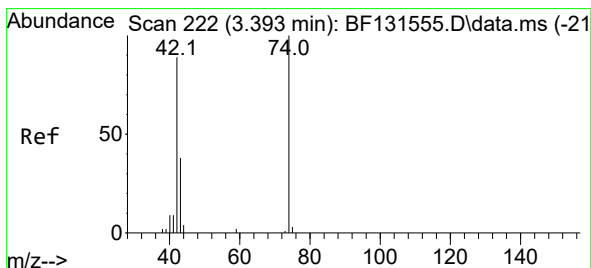
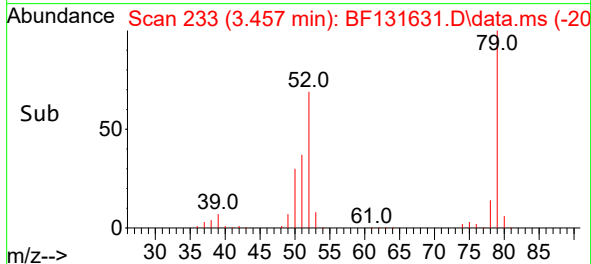
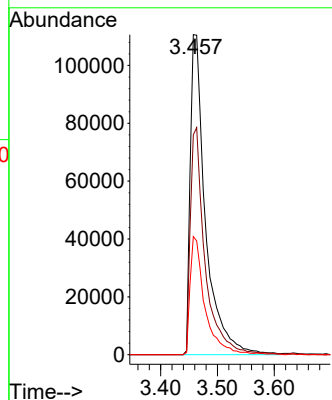
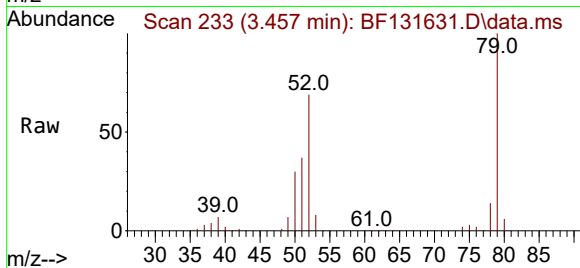
Tgt Ion: 79 Resp: 207502

Ion Ratio Lower Upper

79 100

52 68.7 55.0 82.6

51 36.9 31.4 47.2



#4

n-Nitrosodimethylamine

Concen: 39.259 ng

RT: 3.434 min Scan# 229

Delta R.T. 0.076 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

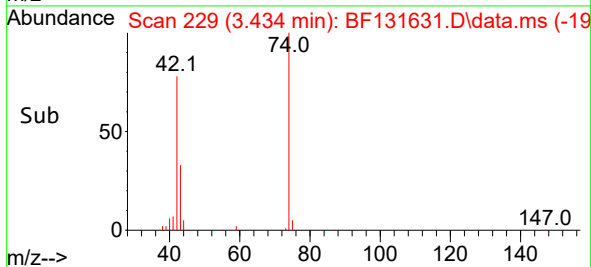
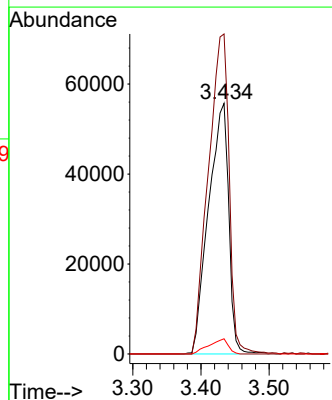
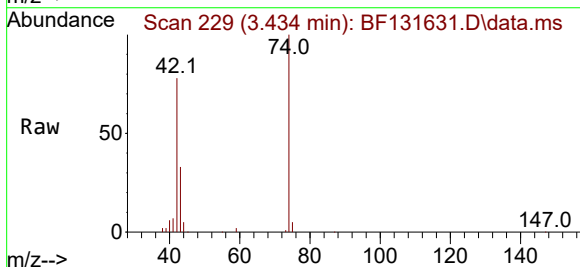
Tgt Ion: 42 Resp: 114507

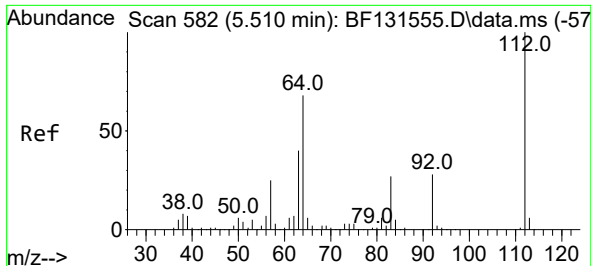
Ion Ratio Lower Upper

42 100

74 127.7 90.2 135.2

44 6.1 3.7 5.5#

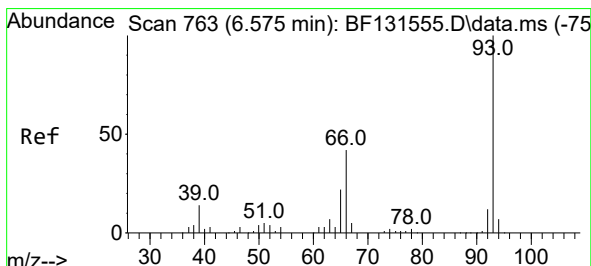
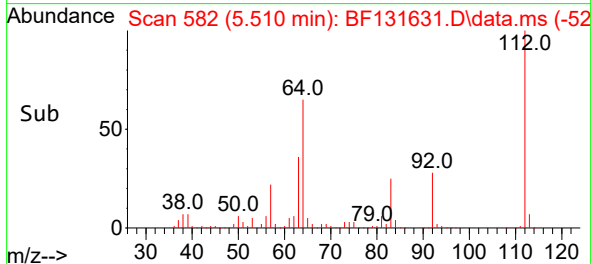
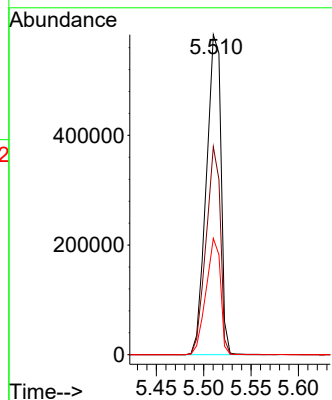
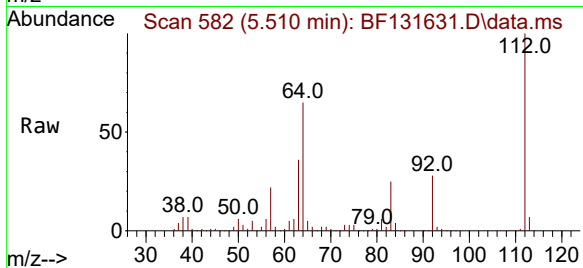




#5
2-Fluorophenol
Concen: 148.783 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

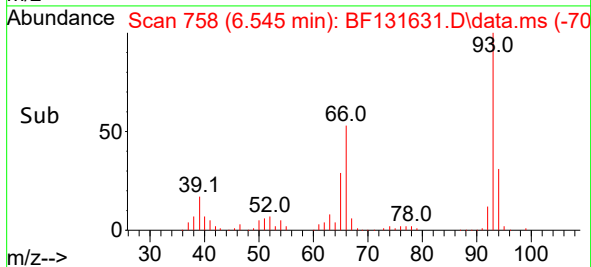
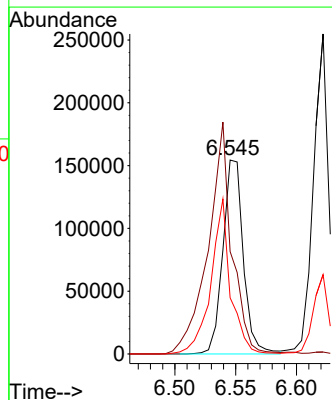
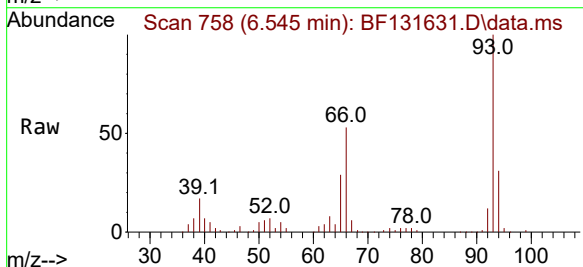
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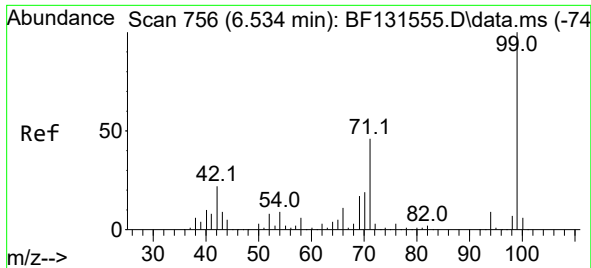
Tgt Ion:112 Resp: 627885
Ion Ratio Lower Upper
112 100
64 65.0 54.5 81.7
63 36.4 31.9 47.9



#6
Aniline
Concen: 27.447 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 93 Resp: 181533
Ion Ratio Lower Upper
93 100
66 52.8 34.6 51.8#
65 28.9 17.7 26.5#

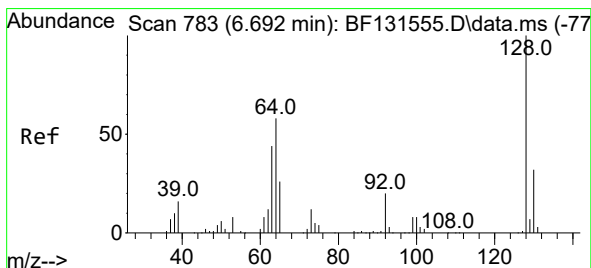
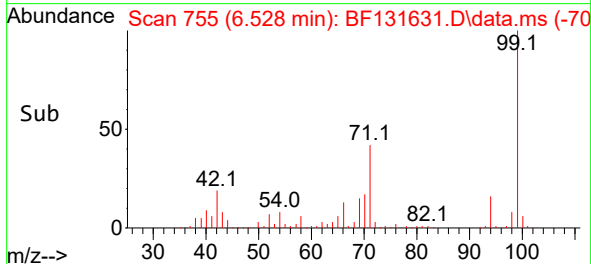
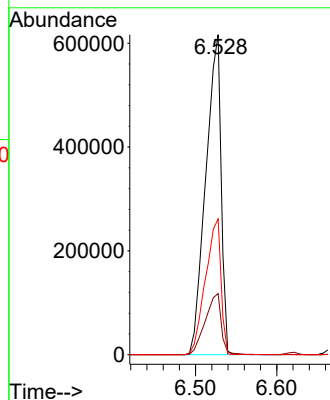
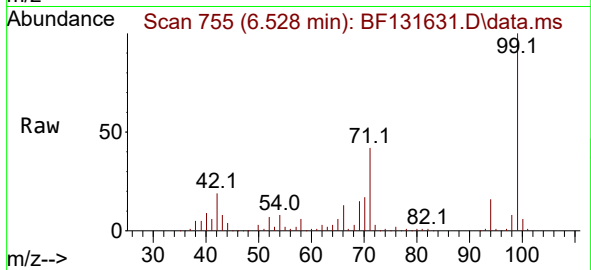




#7
Phenol-d6
Concen: 145.860 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

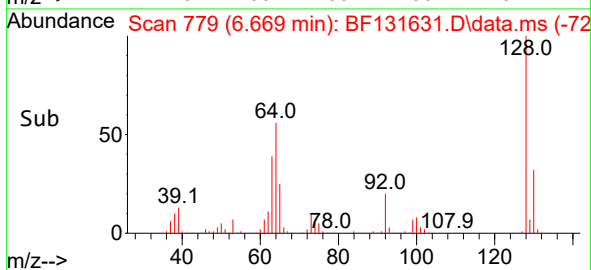
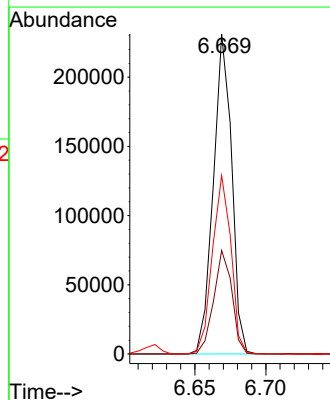
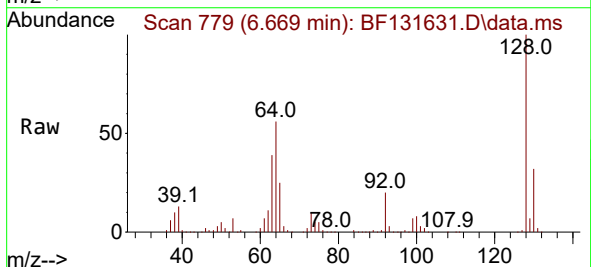
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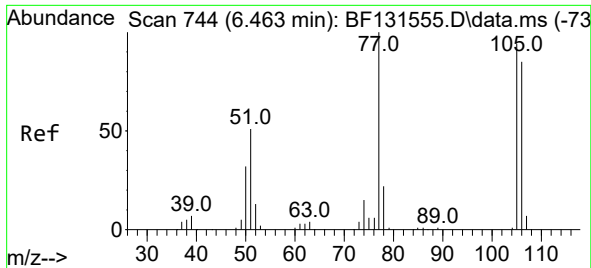
Tgt Ion: 99 Resp: 806634
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 42.4 37.2 55.8



#8
2-Chlorophenol
Concen: 46.399 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:128 Resp: 207510
Ion Ratio Lower Upper
128 100
130 32.4 11.6 51.6
64 55.8 40.6 80.6





#9

Benzaldehyde

Concen: 28.427 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

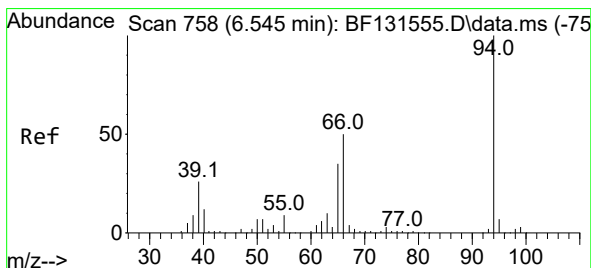
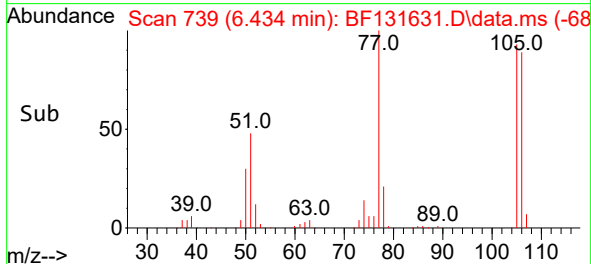
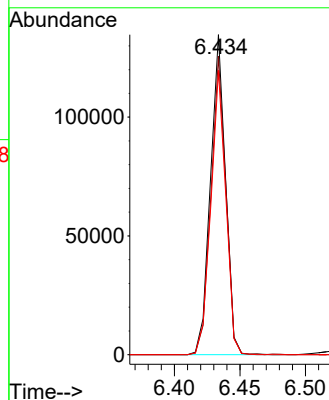
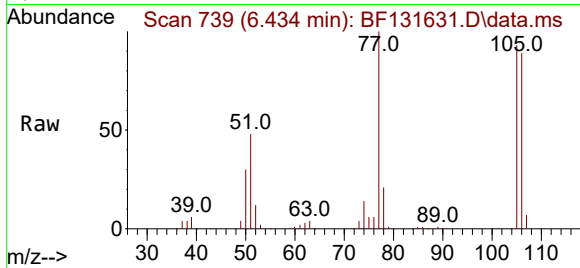
Tgt Ion: 77 Resp: 107695

Ion Ratio Lower Upper

77 100

105 93.2 73.8 113.8

106 88.8 65.2 105.2



#10

Phenol

Concen: 47.499 ng

RT: 6.539 min Scan# 757

Delta R.T. 0.006 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

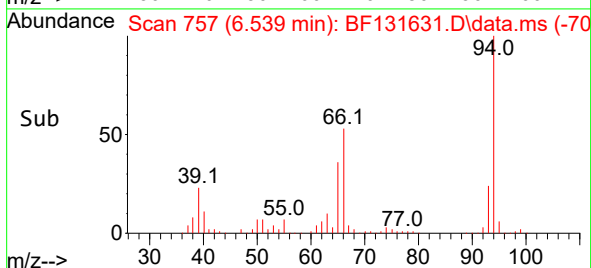
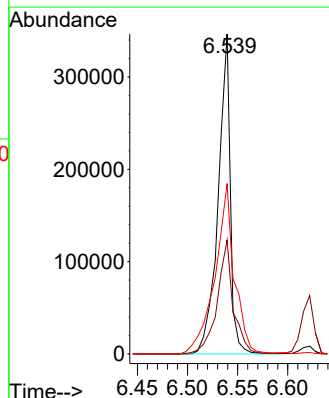
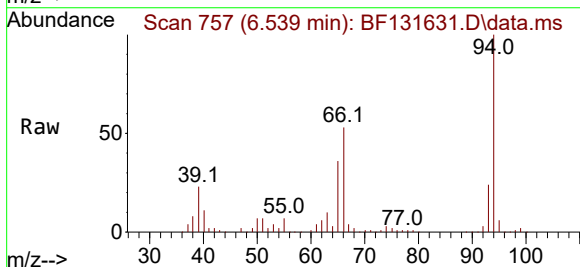
Tgt Ion: 94 Resp: 292999

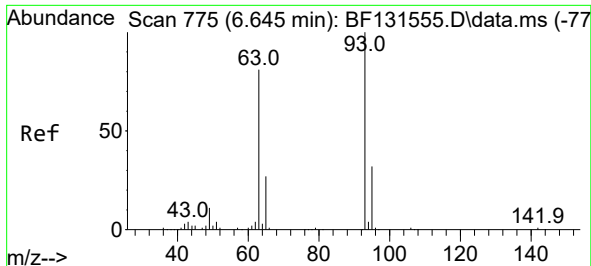
Ion Ratio Lower Upper

94 100

65 35.6 14.8 54.8

66 53.2 30.8 70.8

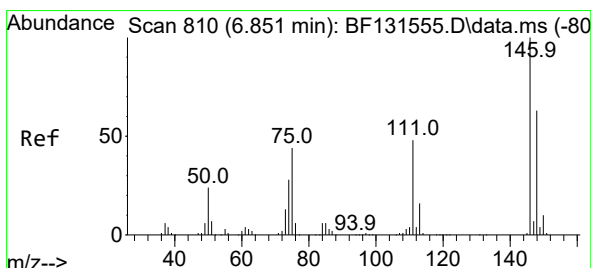
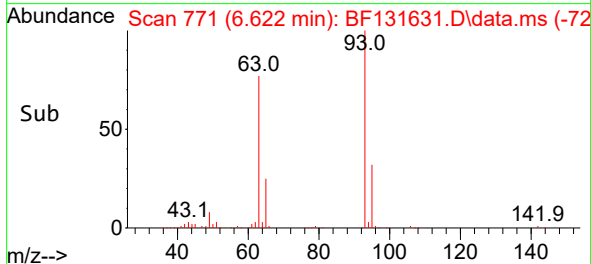
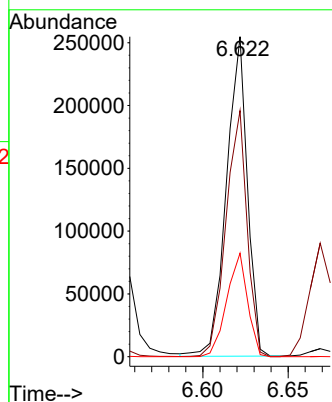
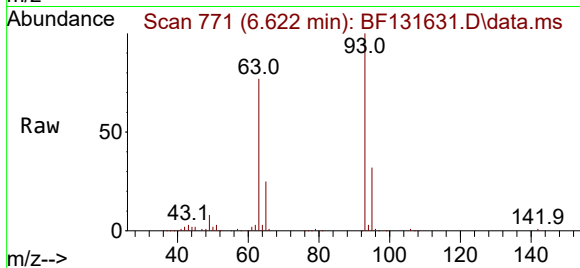




#11
bis(2-Chloroethyl)ether
Concen: 47.123 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

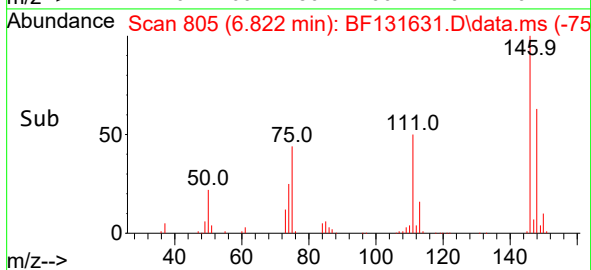
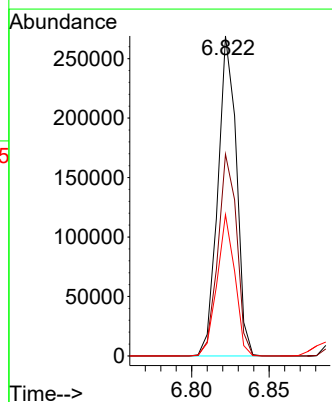
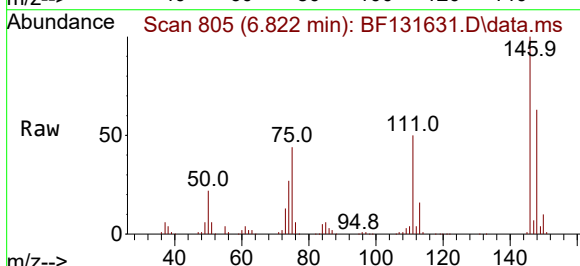
Instrument :
BNA_F
ClientSampleId :
PB149594BS

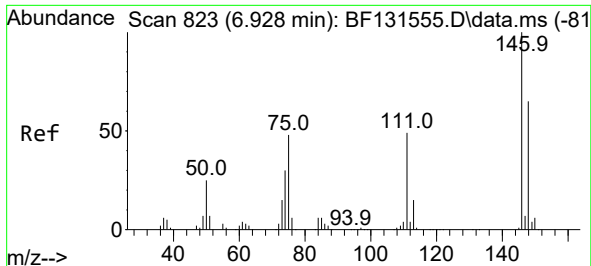
Tgt Ion: 93 Resp: 217896
Ion Ratio Lower Upper
93 100
63 76.9 60.4 100.4
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.214 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 146 Resp: 224067
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
75 44.2 35.1 52.7





#13

1,4-Dichlorobenzene

Concen: 43.925 ng

RT: 6.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

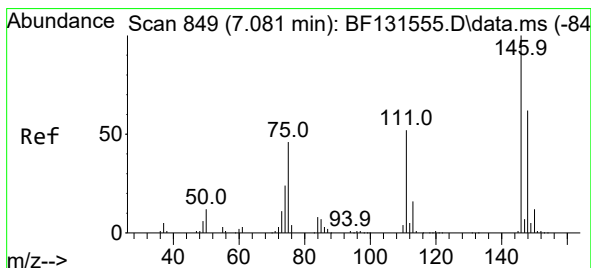
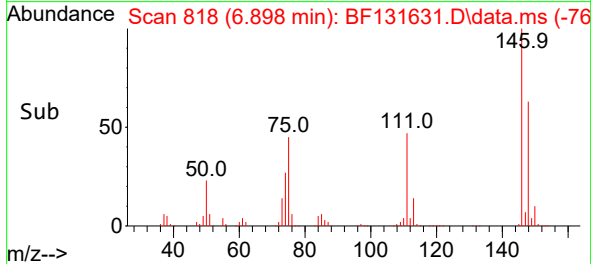
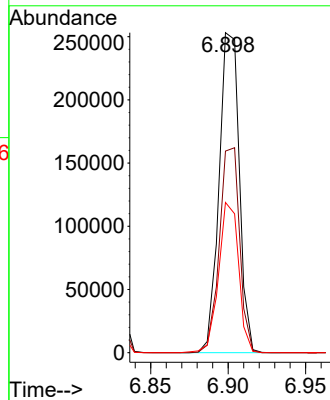
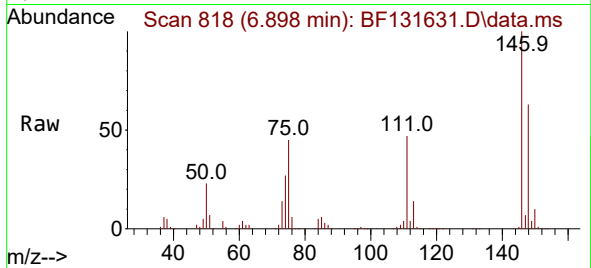
Tgt Ion:146 Resp: 229733

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

111 46.9 38.9 58.3



#14

1,2-Dichlorobenzene

Concen: 43.936 ng

RT: 7.051 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

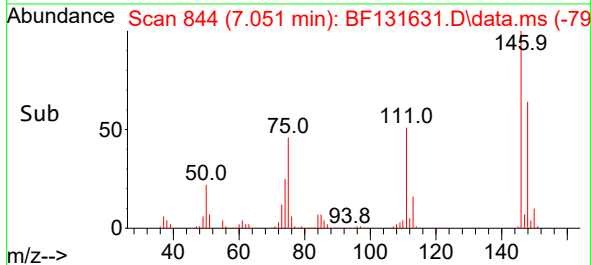
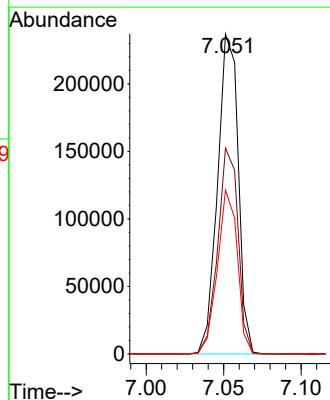
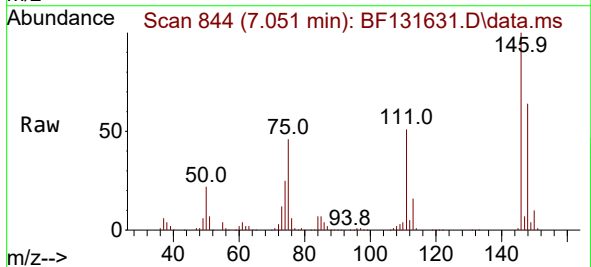
Tgt Ion:146 Resp: 219510

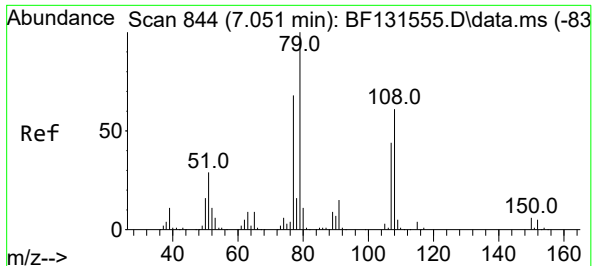
Ion Ratio Lower Upper

146 100

148 64.3 49.9 74.9

111 51.2 41.8 62.6

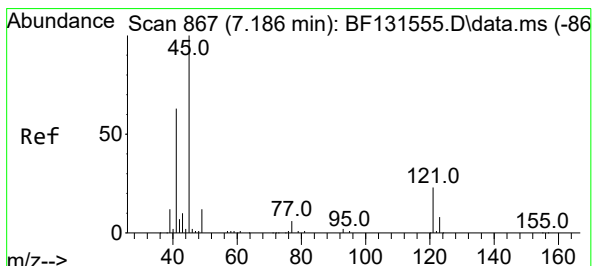
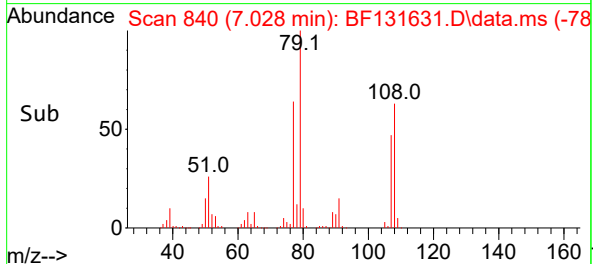
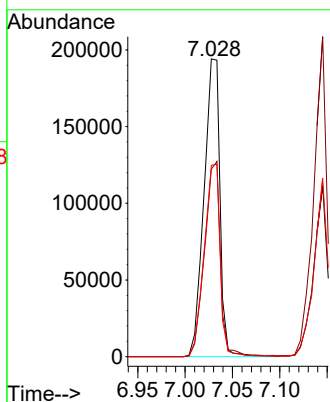
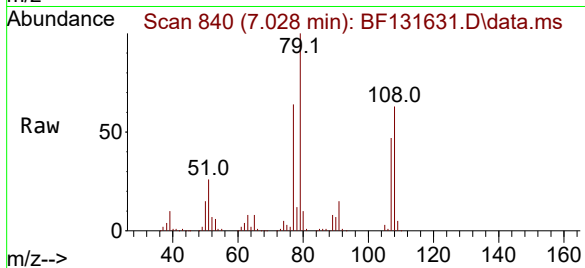




#15
Benzyl Alcohol
Concen: 44.823 ng
RT: 7.028 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

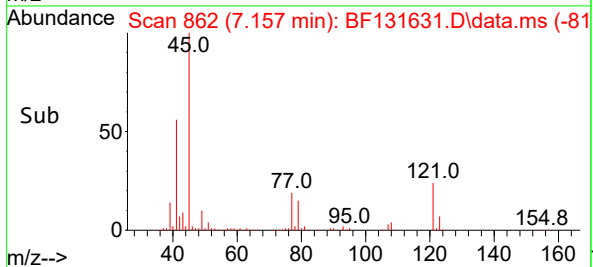
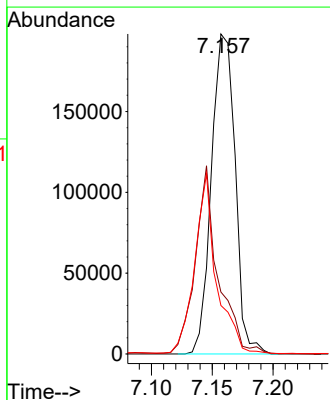
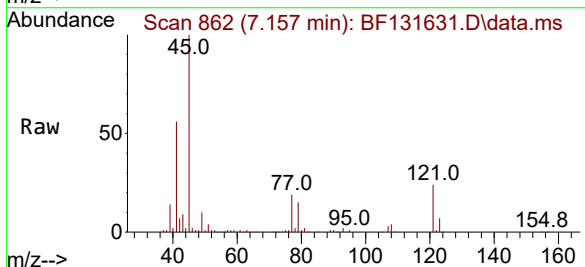
Instrument :
BNA_F
ClientSampleId :
PB149594BS

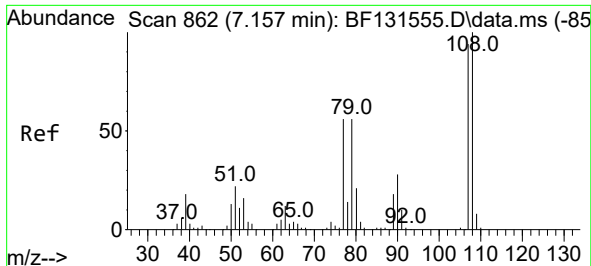
Tgt Ion: 79 Resp: 227249
Ion Ratio Lower Upper
79 100
108 63.0 49.2 73.8
77 64.3 54.5 81.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.930 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 45 Resp: 268367
Ion Ratio Lower Upper
45 100
77 19.3 0.0 37.7
79 15.2 0.0 33.6

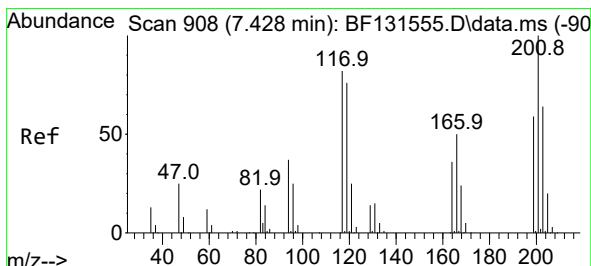
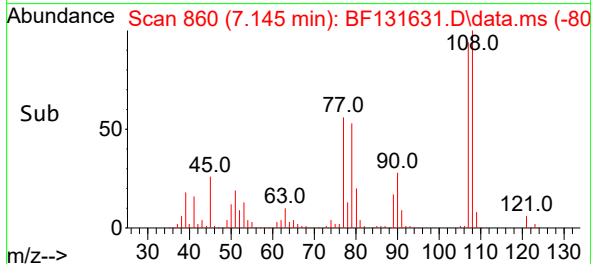
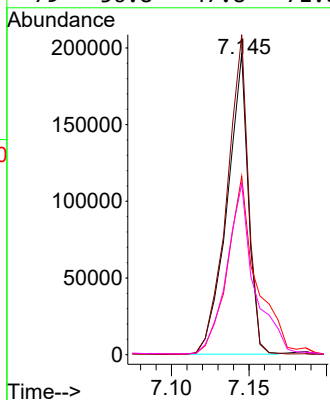
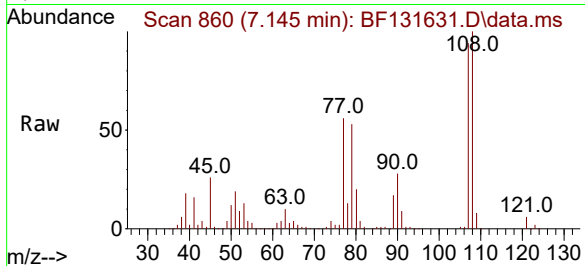




#17
2-Methylphenol
Concen: 46.226 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

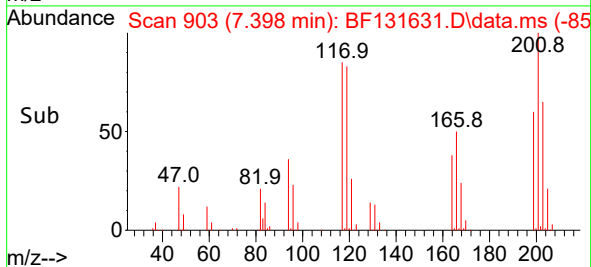
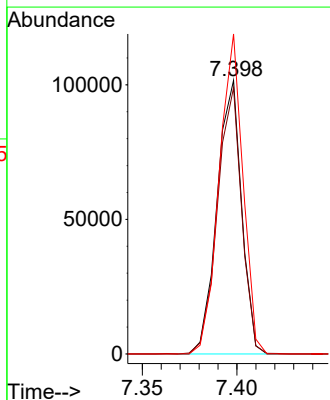
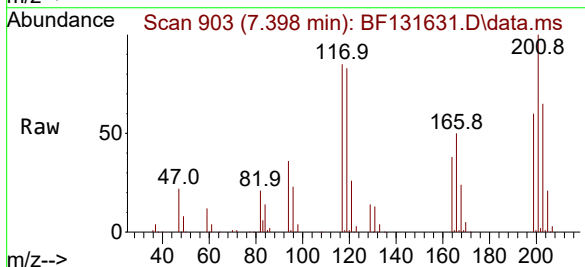
Instrument :
BNA_F
ClientSampleId :
PB149594BS

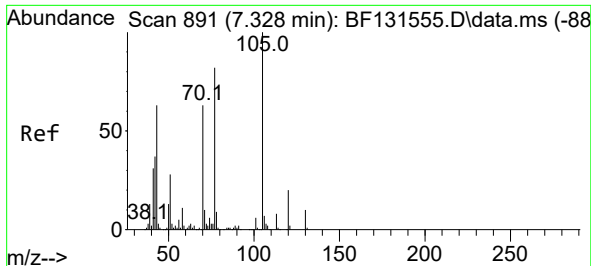
Tgt Ion:107 Resp: 186318
Ion Ratio Lower Upper
107 100
108 106.3 85.5 128.3
77 59.3 48.2 72.4
79 56.8 47.8 71.8



#18
Hexachloroethane
Concen: 43.379 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:117 Resp: 91521
Ion Ratio Lower Upper
117 100
119 97.3 75.0 112.4
201 117.0 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.733 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.006 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

Tgt Ion: 70 Resp: 177205

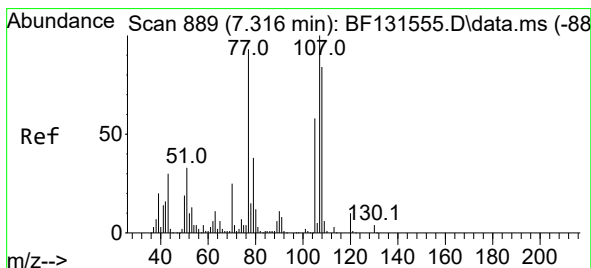
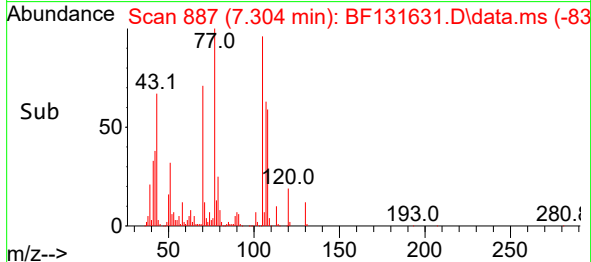
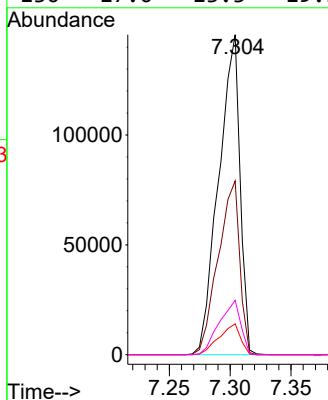
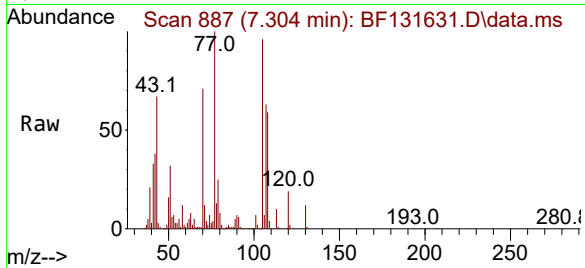
Ion Ratio Lower Upper

70 100

42 54.3 46.4 69.6

101 9.7 7.2 10.8

130 17.0 13.3 19.9



#20

3+4-Methylphenols

Concen: 43.300 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Tgt Ion:107 Resp: 237711

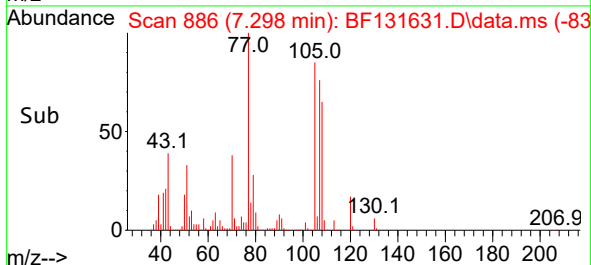
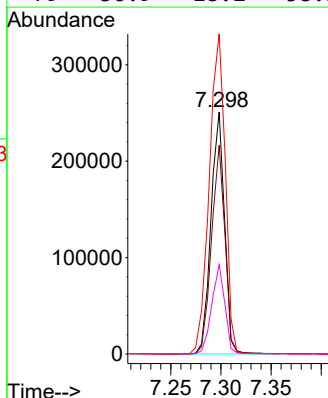
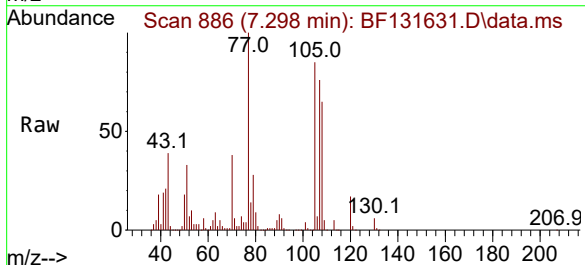
Ion Ratio Lower Upper

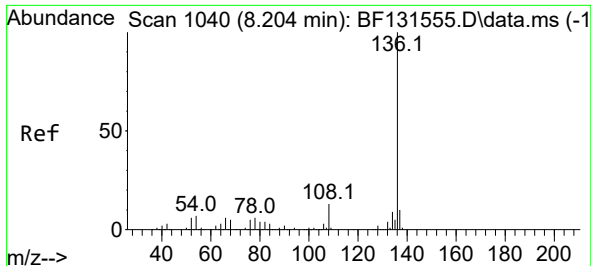
107 100

108 86.3 64.0 104.0

77 132.3 73.1 113.1#

79 36.9 18.2 58.2

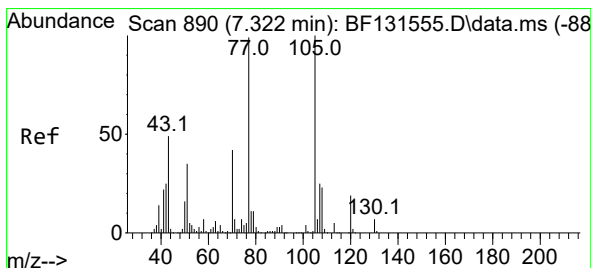
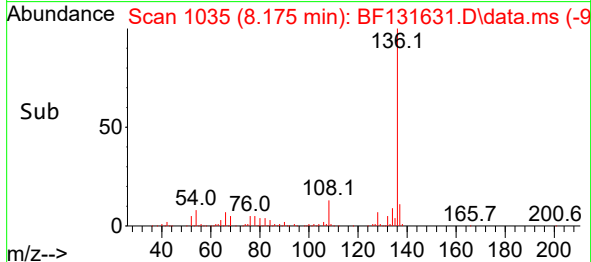
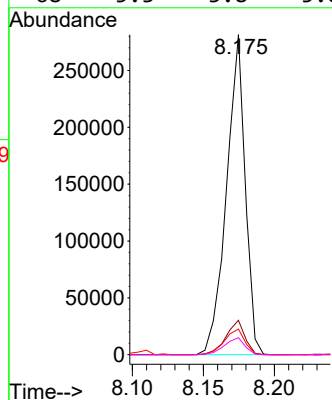
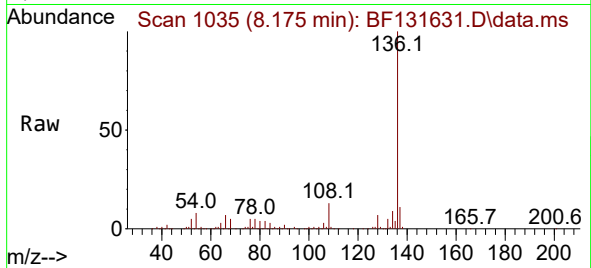




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

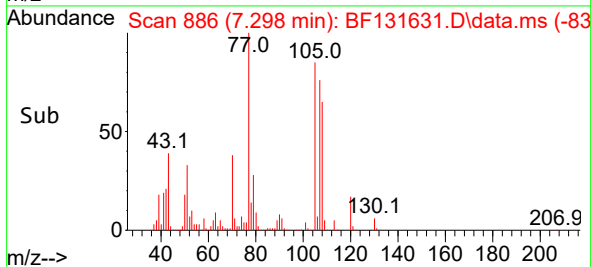
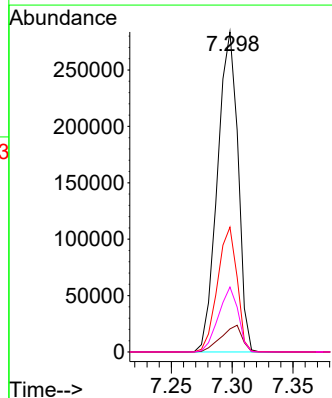
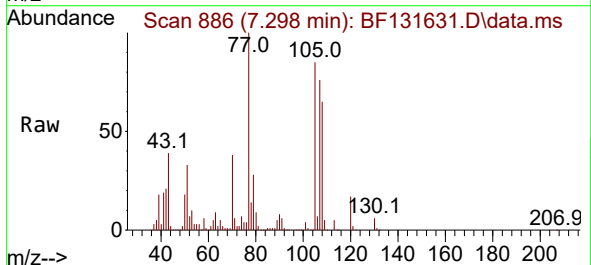
Instrument :
BNA_F
ClientSampleId :
PB149594BS

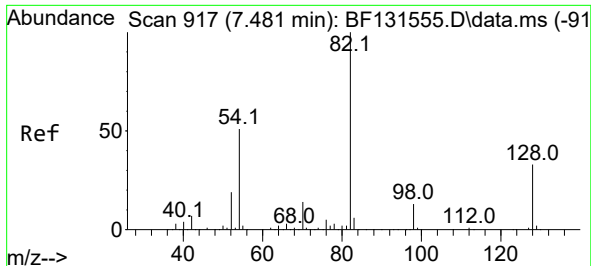
Tgt Ion:136 Resp: 257108
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.0 6.0 9.0
68 5.3 3.8 5.8



#22
Acetophenone
Concen: 41.397 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:105 Resp: 333541
Ion Ratio Lower Upper
105 100
71 7.2 5.4 8.0
51 39.0 27.8 41.6
120 20.3 15.3 22.9

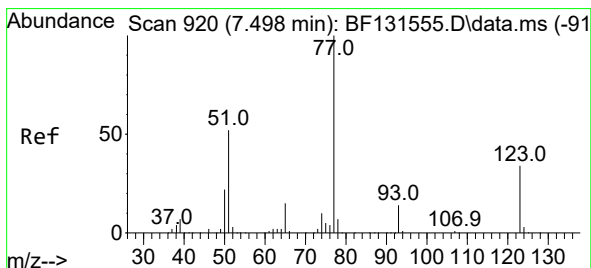
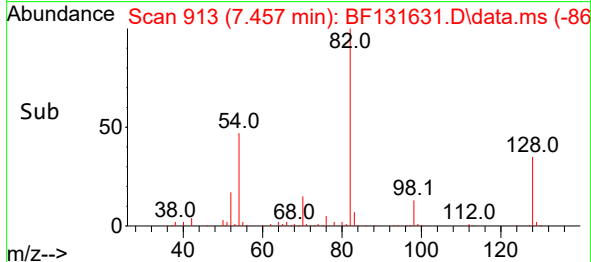
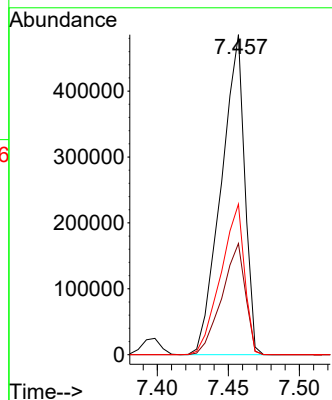
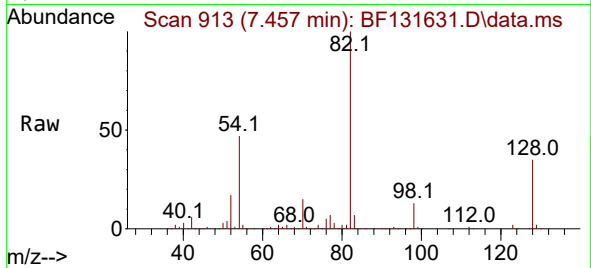




#23
Nitrobenzene-d5
Concen: 82.083 ng
RT: 7.457 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

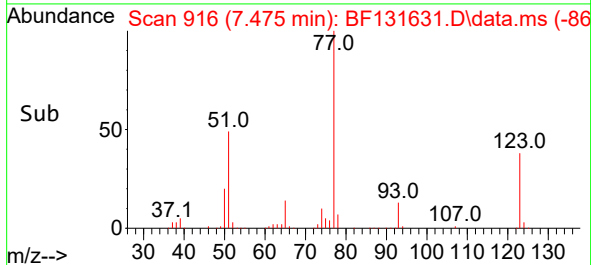
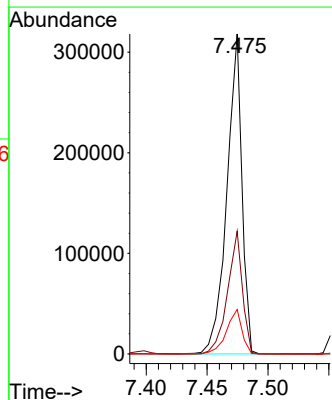
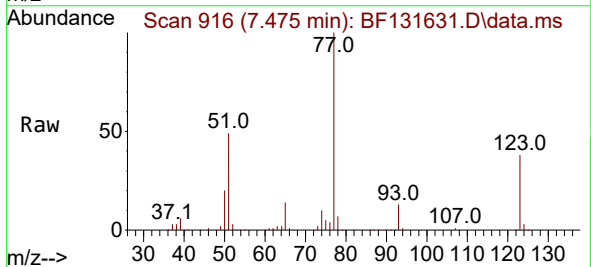
Instrument :
BNA_F
ClientSampleId :
PB149594BS

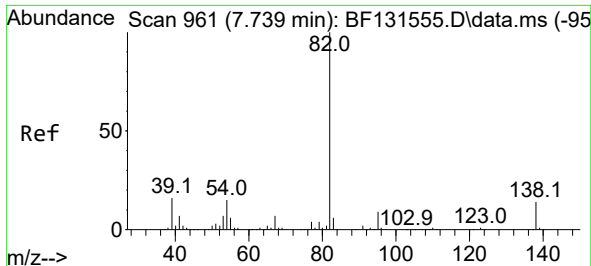
Tgt Ion: 82 Resp: 558209
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 47.1 40.6 60.8



#24
Nitrobenzene
Concen: 40.052 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 77 Resp: 274714
Ion Ratio Lower Upper
77 100
123 38.3 27.1 40.7
65 13.9 11.9 17.9

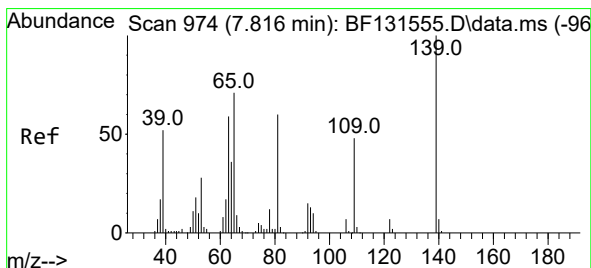
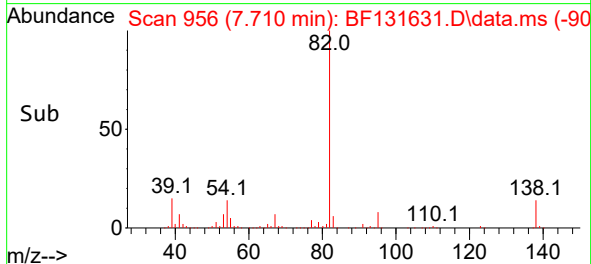
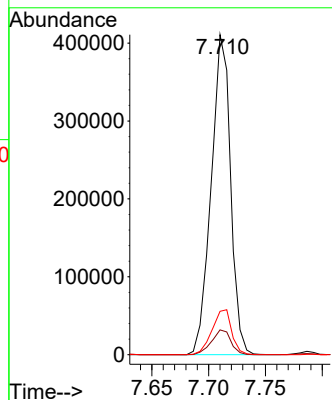
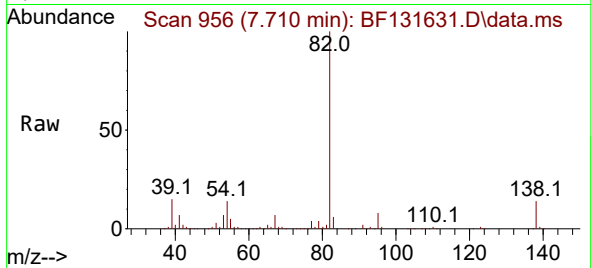




#25
Isophorone
Concen: 44.533 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

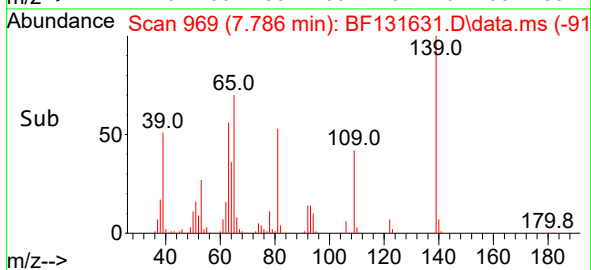
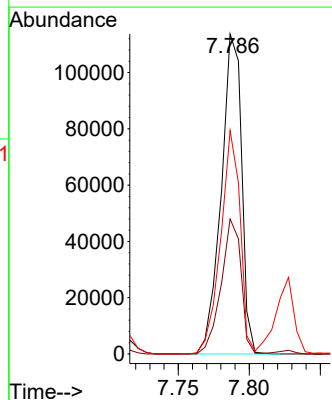
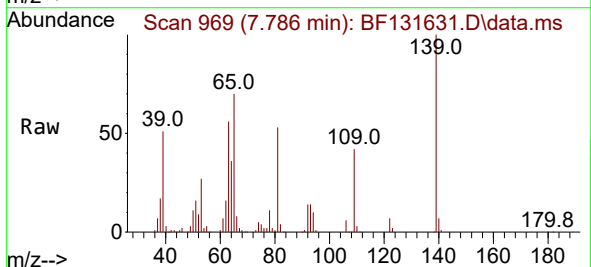
Instrument :
BNA_F
ClientSampleId :
PB149594BS

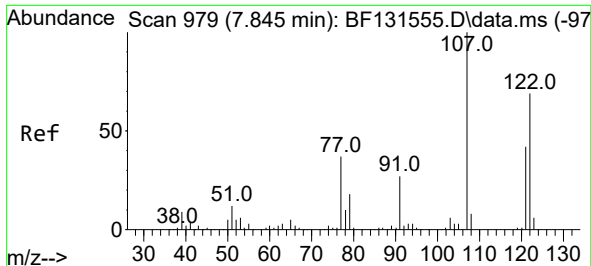
Tgt Ion: 82 Resp: 487814
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 13.6 11.4 17.0



#26
2-Nitrophenol
Concen: 48.526 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 139 Resp: 113505
Ion Ratio Lower Upper
139 100
109 42.2 38.6 58.0
65 69.8 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 52.681 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

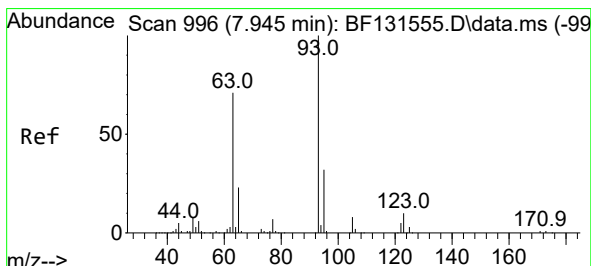
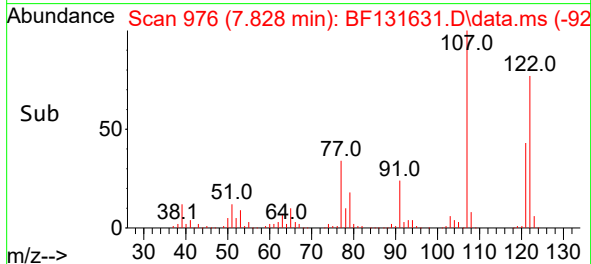
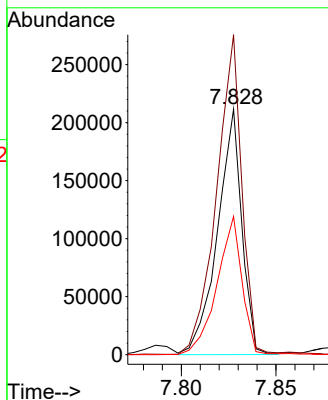
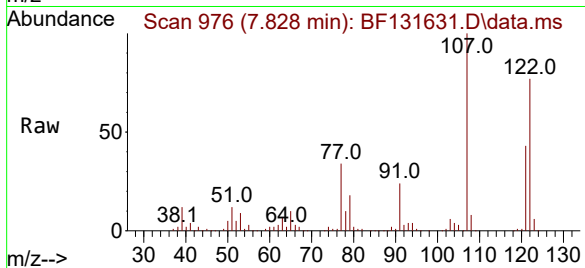
Tgt Ion:122 Resp: 188868

Ion Ratio Lower Upper

122 100

107 130.3 114.2 171.2

121 56.3 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 47.425 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

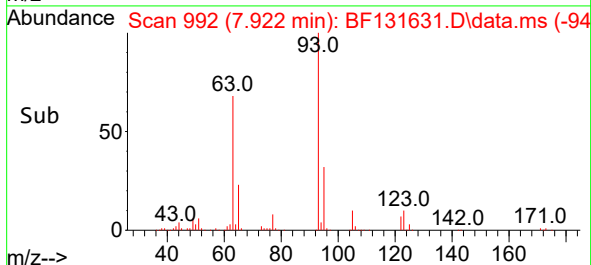
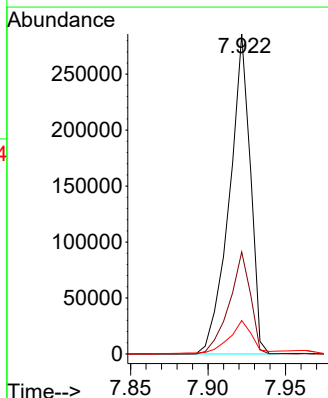
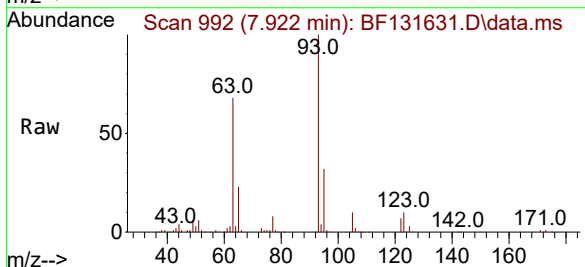
Tgt Ion: 93 Resp: 268738

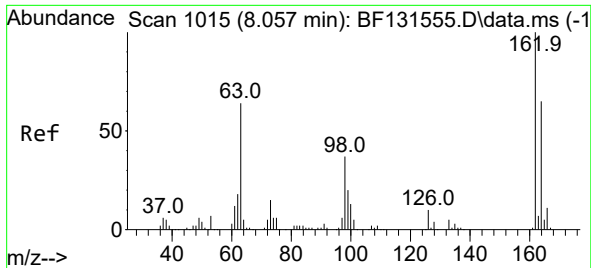
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.6

123 10.4 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.915 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

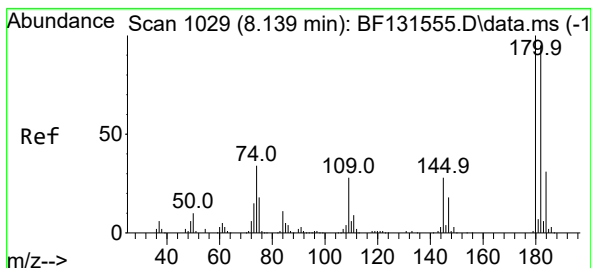
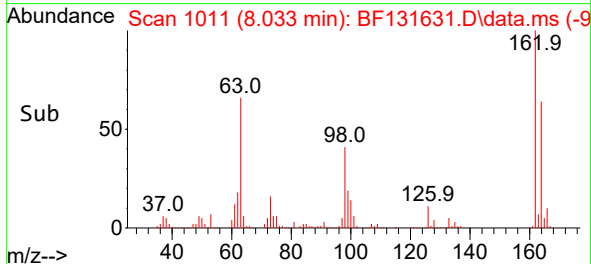
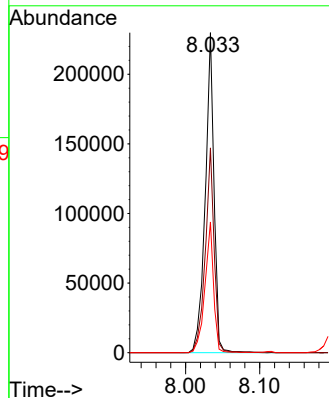
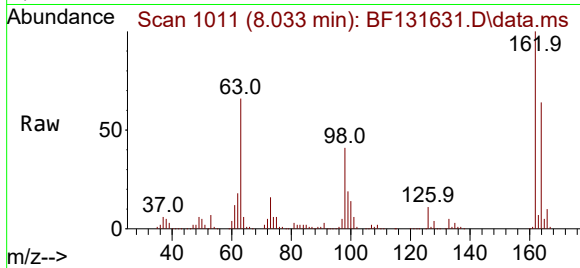
Tgt Ion:162 Resp: 190237

Ion Ratio Lower Upper

162 100

164 64.0 45.0 85.0

98 40.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 40.479 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

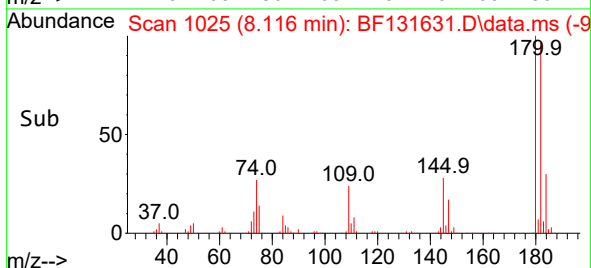
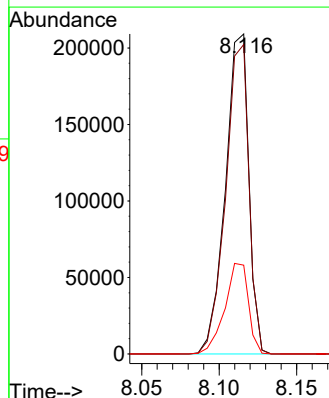
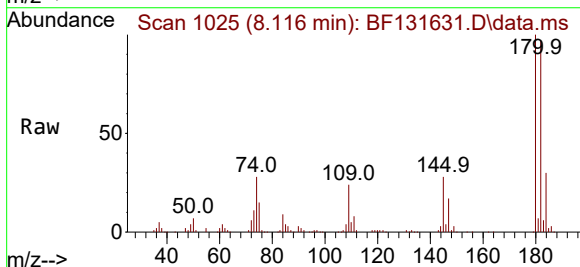
Tgt Ion:180 Resp: 220054

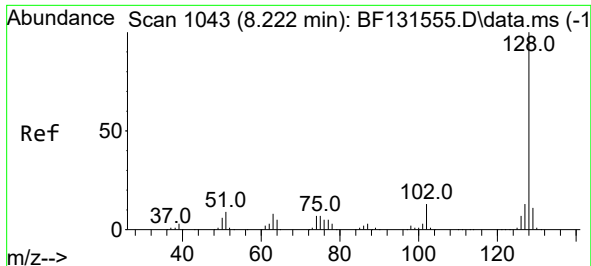
Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.6

145 27.8 22.4 33.6

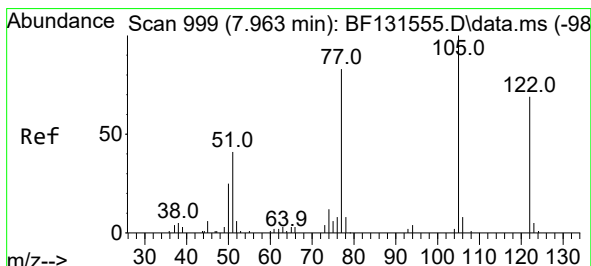
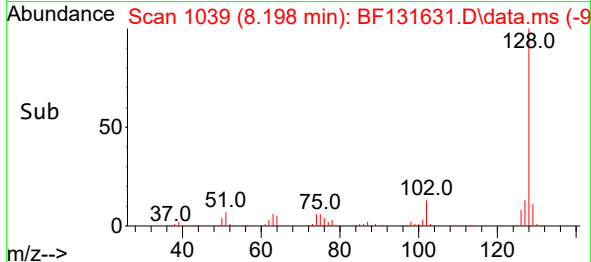
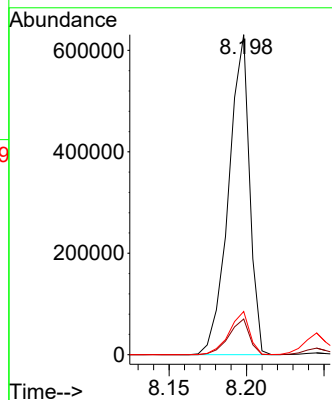
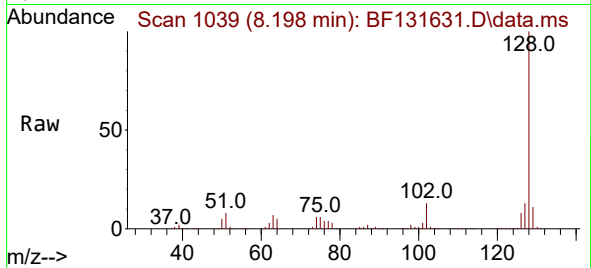




#31
Naphthalene
Concen: 40.888 ng
RT: 8.198 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

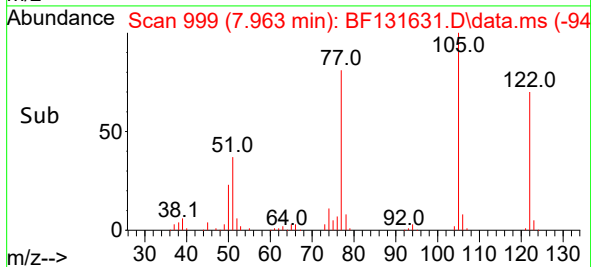
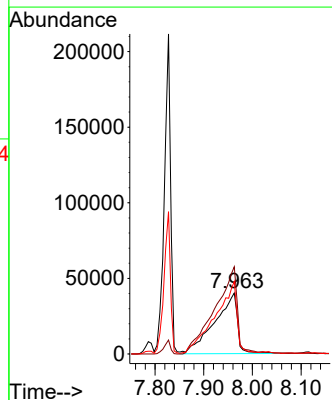
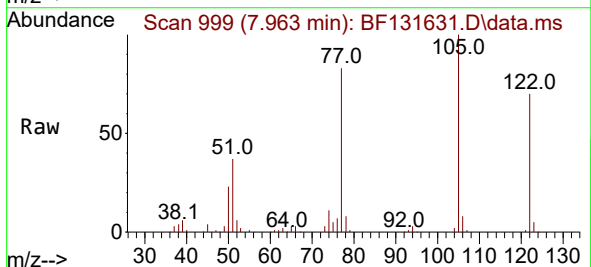
Instrument :
BNA_F
ClientSampleId :
PB149594BS

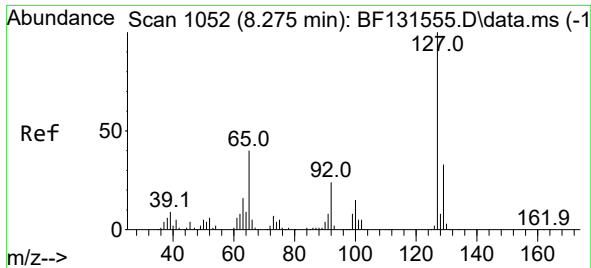
Tgt Ion:128 Resp: 592100
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 50.745 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:122 Resp: 131755
Ion Ratio Lower Upper
122 100
105 143.0 119.8 159.8
77 118.9 97.6 137.6

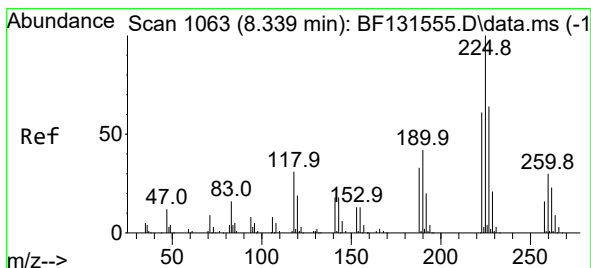
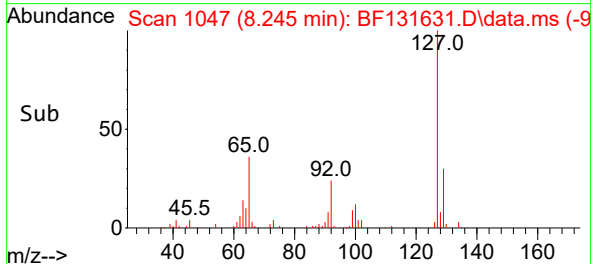
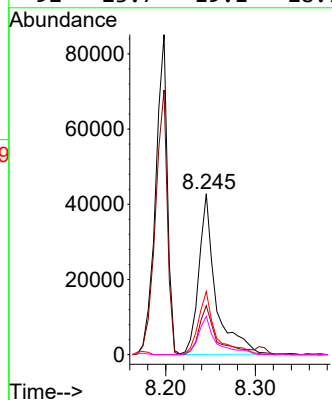
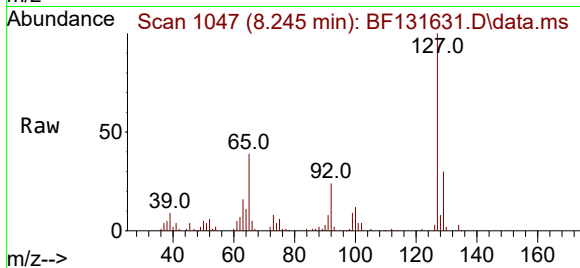




#33
4-Chloroaniline
Concen: 10.307 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

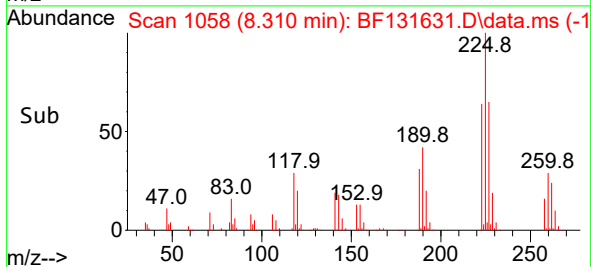
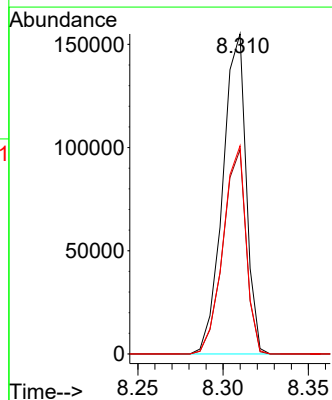
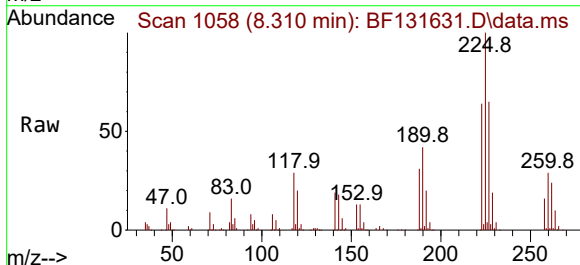
Instrument :
BNA_F
ClientSampleId :
PB149594BS

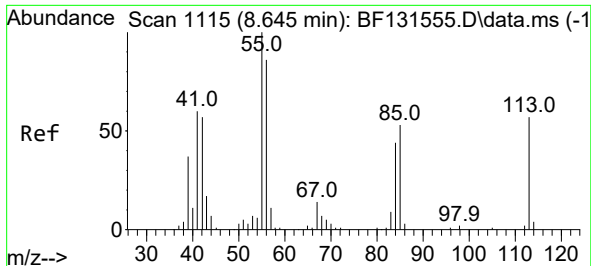
Tgt Ion:127	Resp:	55946
Ion	Ratio	Lower Upper
127	100	
129	30.4	26.4 39.6
65	39.3	31.9 47.9
92	23.7	19.1 28.7



#34
Hexachlorobutadiene
Concen: 38.606 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:225	Resp:	147913
Ion	Ratio	Lower Upper
225	100	
223	63.9	48.7 73.1
227	65.1	51.0 76.6

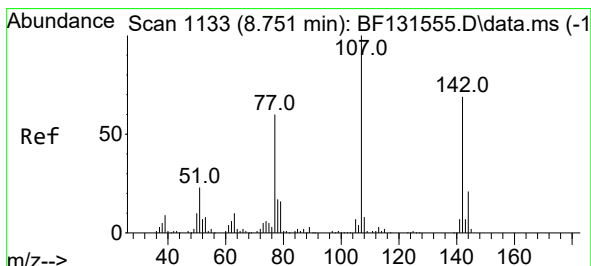
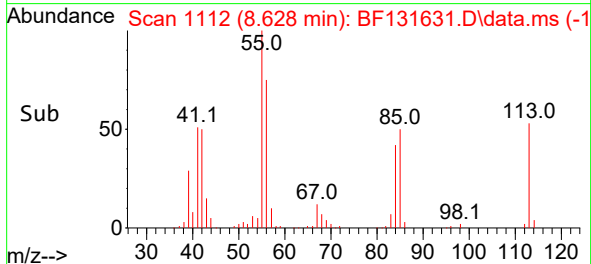
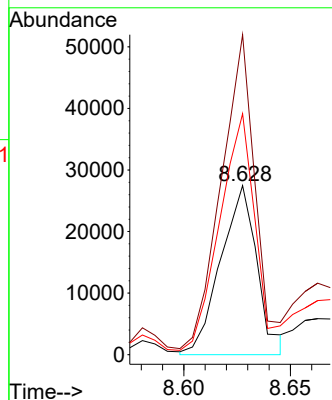
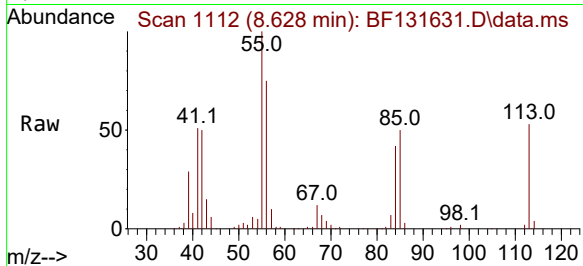




#35
Caprolactam
Concen: 28.448 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

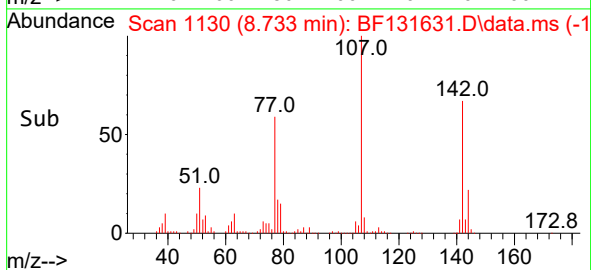
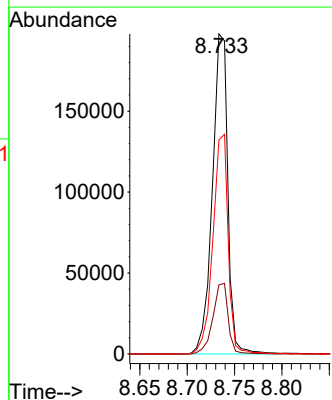
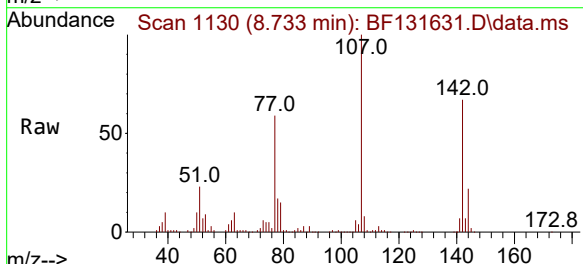
Instrument :
BNA_F
ClientSampleId :
PB149594BS

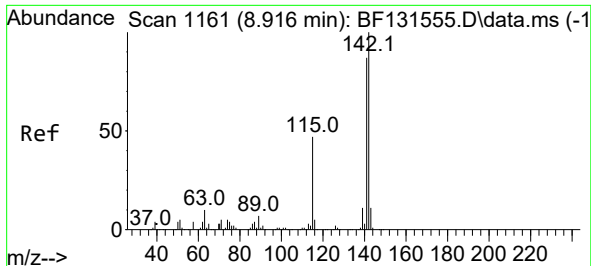
Tgt Ion:113 Resp: 32622
Ion Ratio Lower Upper
113 100
55 189.3 155.8 195.8
56 142.5 131.7 171.7



#36
4-Chloro-3-methylphenol
Concen: 44.996 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:107 Resp: 223978
Ion Ratio Lower Upper
107 100
144 21.6 17.0 25.4
142 66.9 54.8 82.2

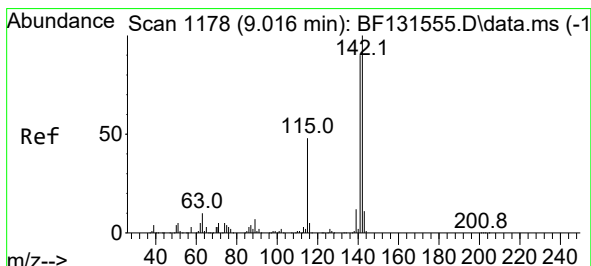
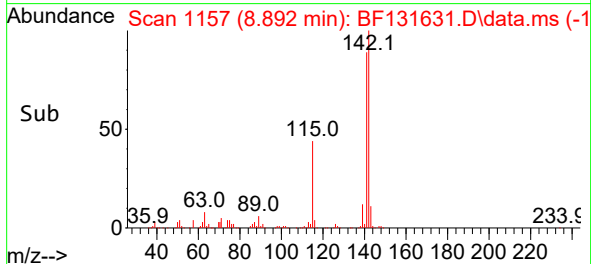
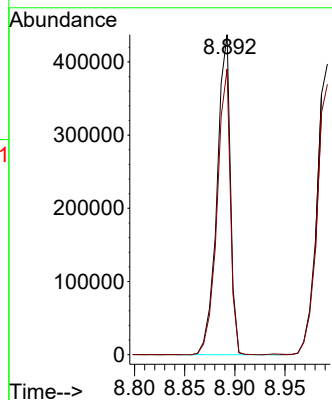
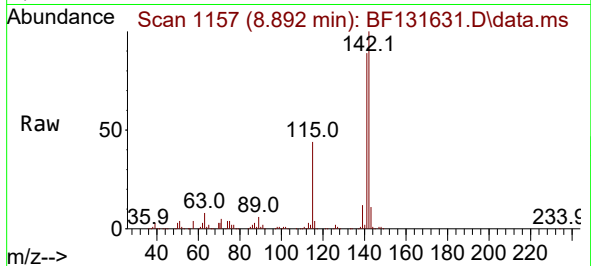




#37
2-Methylnaphthalene
Concen: 40.817 ng
RT: 8.892 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

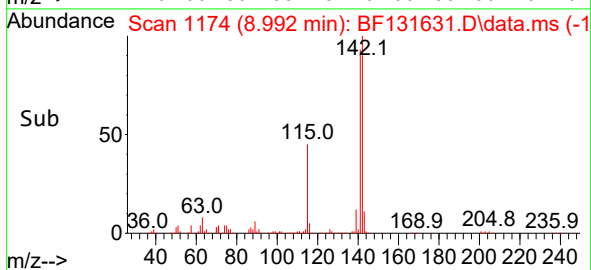
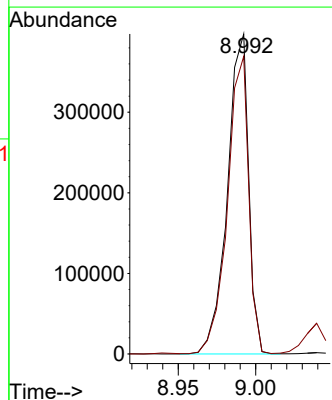
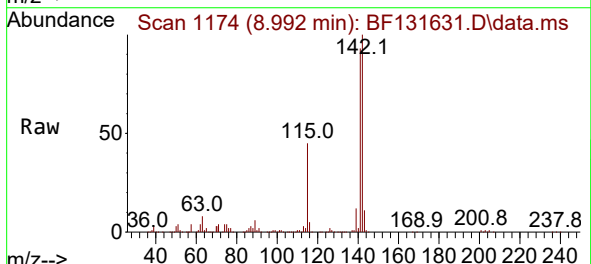
Instrument :
BNA_F
ClientSampleId :
PB149594BS

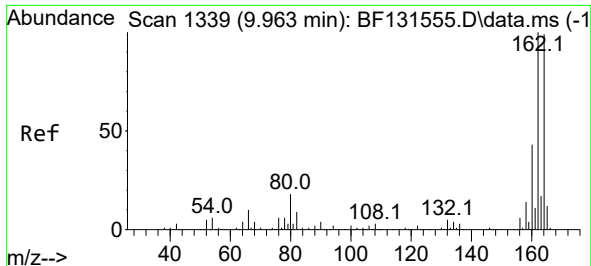
Tgt Ion:142 Resp: 404232
Ion Ratio Lower Upper
142 100
141 89.2 69.7 104.5



#38
1-Methylnaphthalene
Concen: 39.779 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:142 Resp: 378175
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

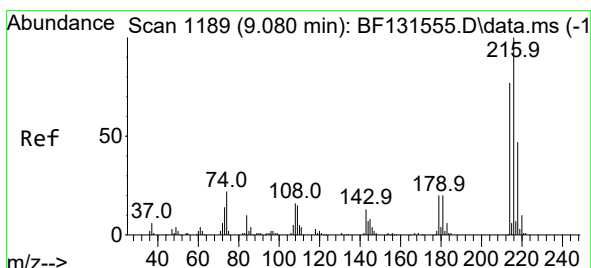
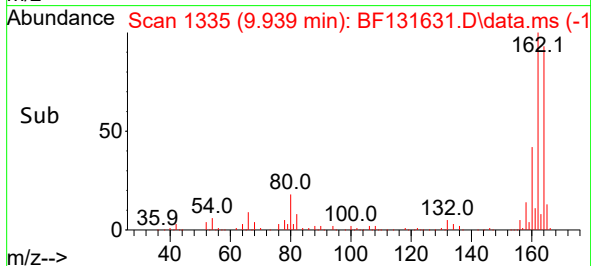
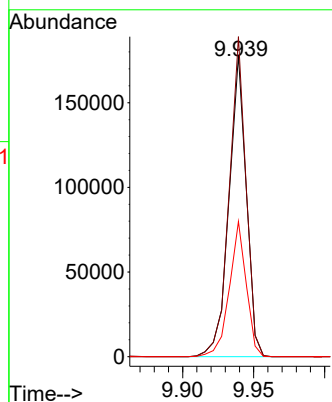
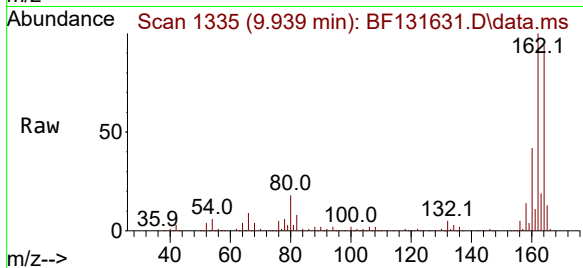
Tgt Ion:164 Resp: 151257

Ion Ratio Lower Upper

164 100

162 106.1 81.0 121.6

160 44.9 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.534 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Tgt Ion:216 Resp: 238155

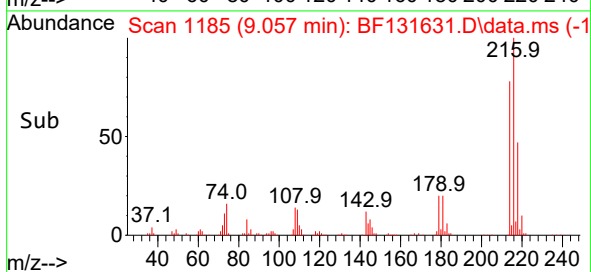
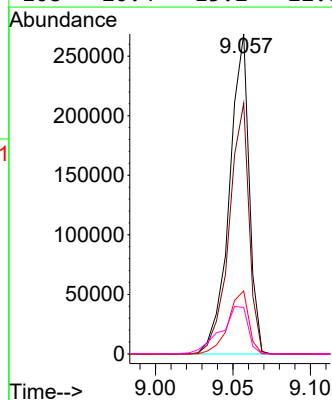
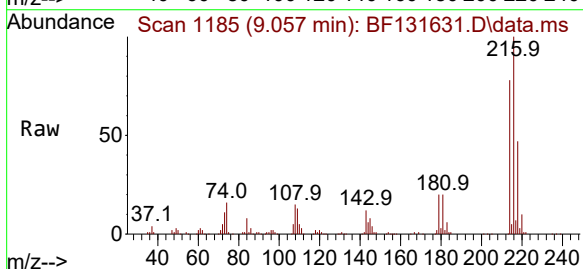
Ion Ratio Lower Upper

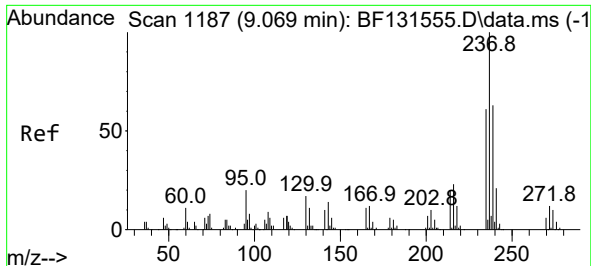
216 100

214 78.6 62.1 93.1

179 20.3 16.0 24.0

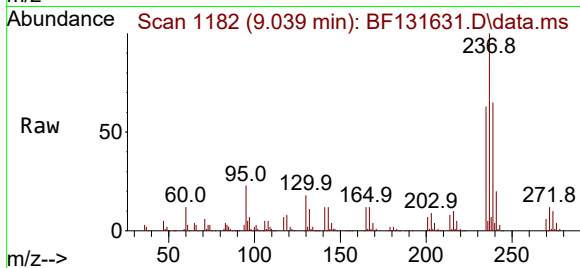
108 20.4 15.2 22.8



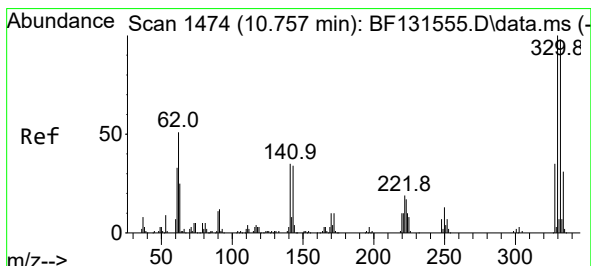
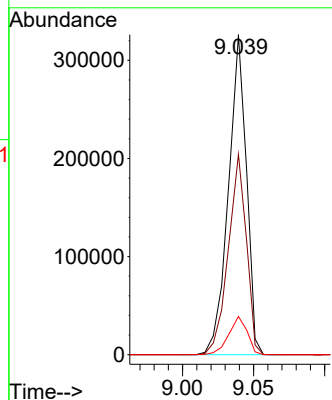
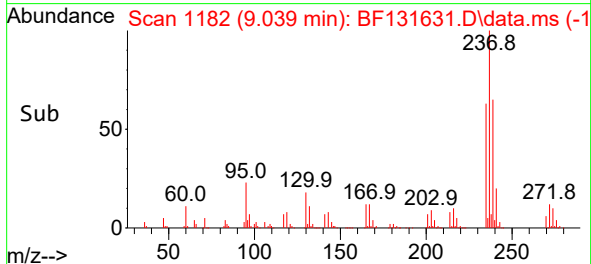


#41
Hexachlorocyclopentadiene
Concen: 100.856 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

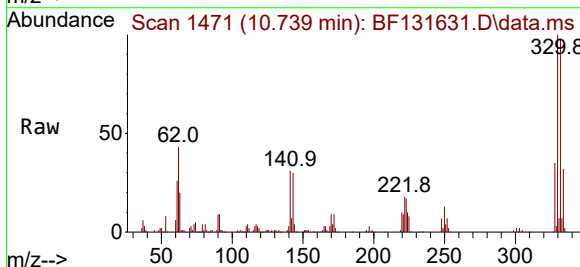
Instrument :
BNA_F
ClientSampleId :
PB149594BS



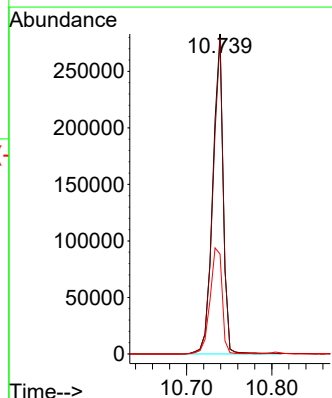
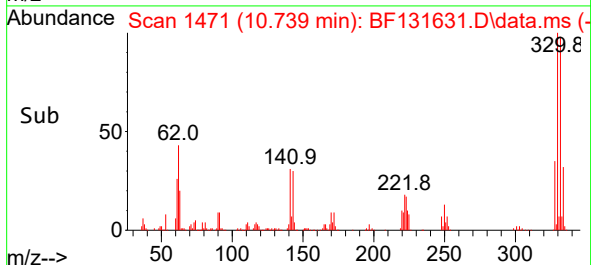
Tgt Ion:237 Resp: 286634
Ion Ratio Lower Upper
237 100
235 62.6 40.6 80.6
272 11.9 0.0 32.2

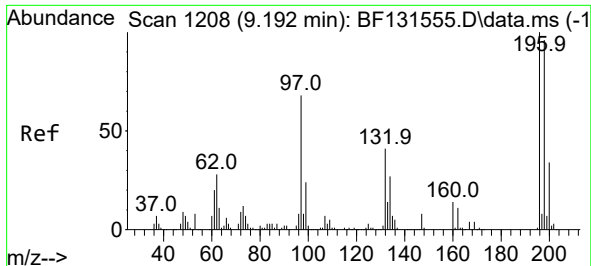


#42
2,4,6-Tribromophenol
Concen: 143.189 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



Tgt Ion:330 Resp: 240630
Ion Ratio Lower Upper
330 100
332 97.3 78.3 117.5
141 38.2 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 43.305 ng

RT: 9.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

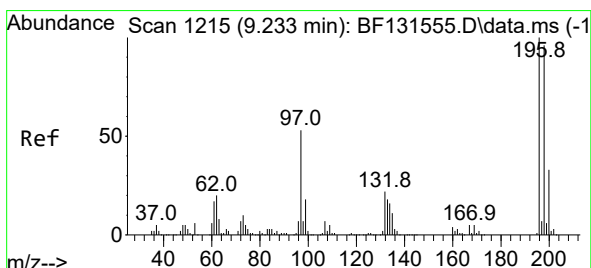
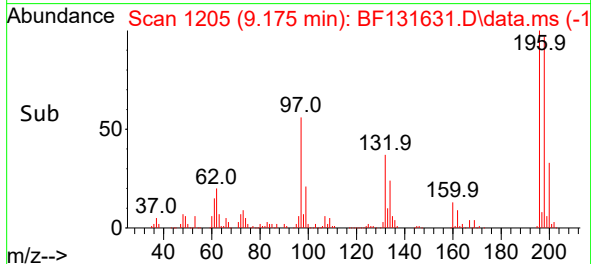
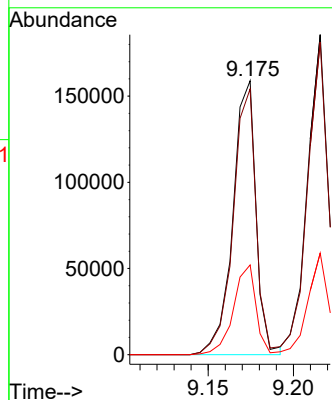
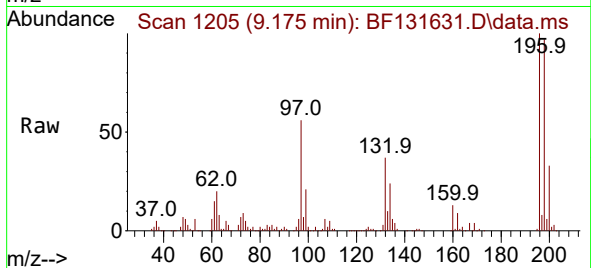
Tgt Ion:196 Resp: 149979

Ion Ratio Lower Upper

196 100

198 97.1 76.9 115.3

200 32.8 26.9 40.3



#44

2,4,5-Trichlorophenol

Concen: 42.811 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Tgt Ion:196 Resp: 159453

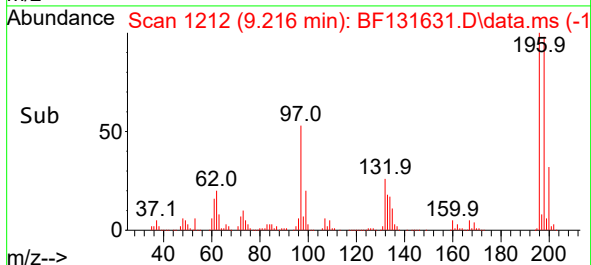
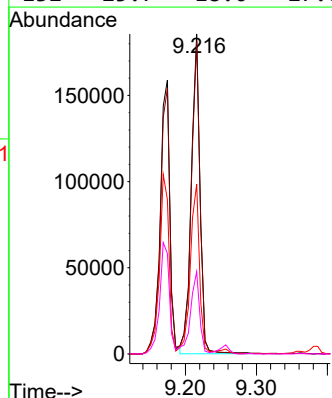
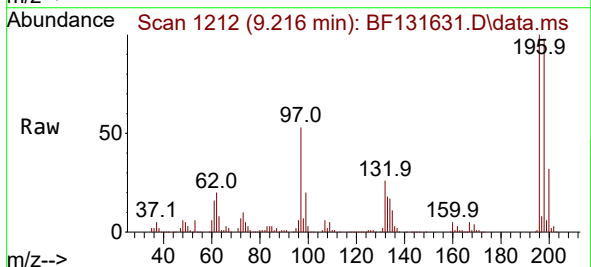
Ion Ratio Lower Upper

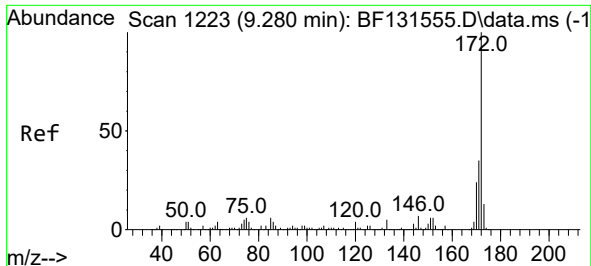
196 100

198 97.7 77.2 115.8

97 53.1 42.2 63.2

132 25.7 18.0 27.0

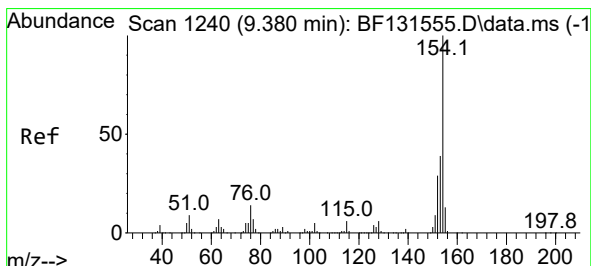
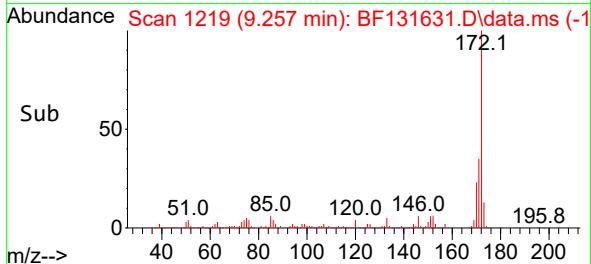
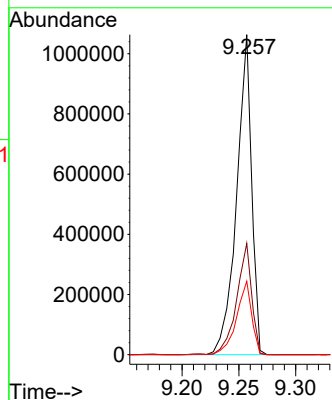
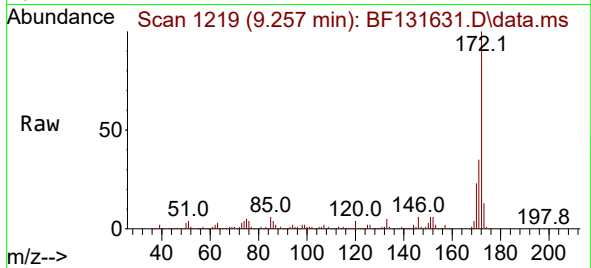




#45
2-Fluorobiphenyl
Concen: 81.297 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

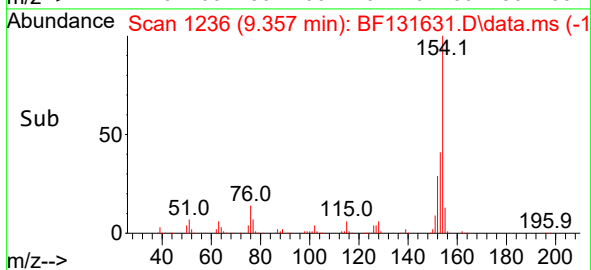
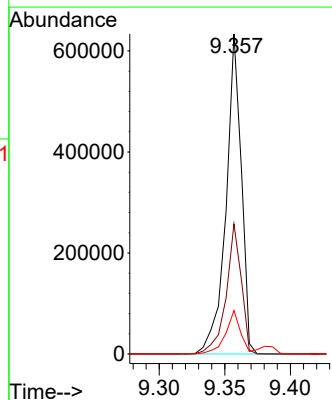
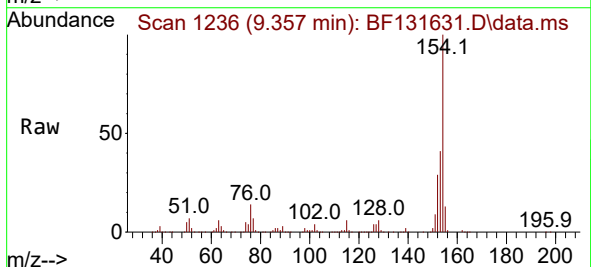
Instrument :
BNA_F
ClientSampleId :
PB149594BS

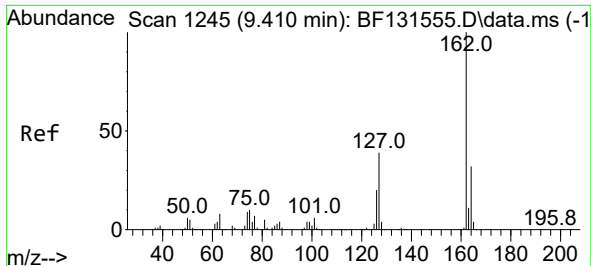
Tgt Ion:172 Resp: 975259
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.9 19.3 28.9



#46
1,1'-Biphenyl
Concen: 42.913 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:154 Resp: 513200
Ion Ratio Lower Upper
154 100
153 40.6 19.4 59.4
76 13.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.913 ng

RT: 9.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

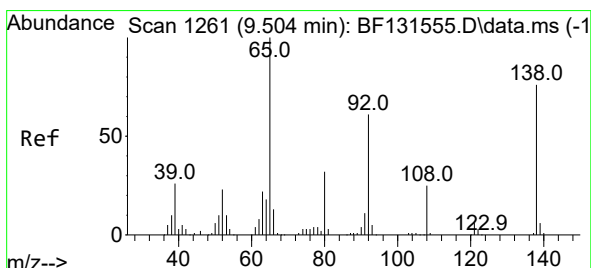
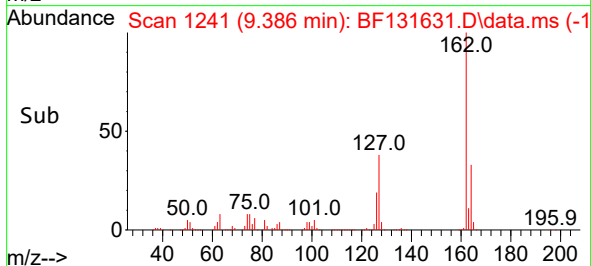
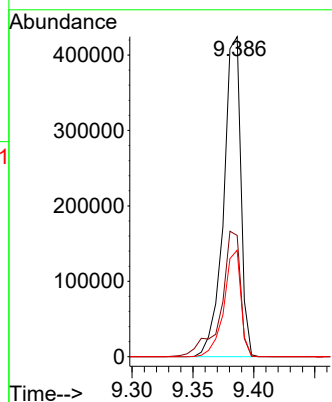
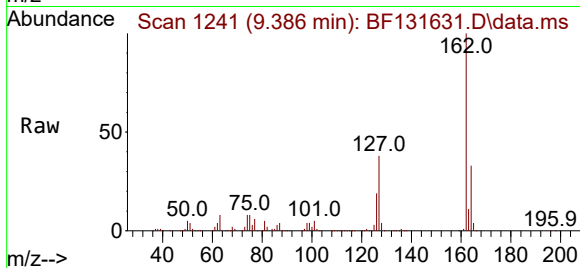
Tgt Ion:162 Resp: 418128

Ion Ratio Lower Upper

162 100

127 37.9 31.4 47.2

164 33.3 25.8 38.8



#48

2-Nitroaniline

Concen: 42.656 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

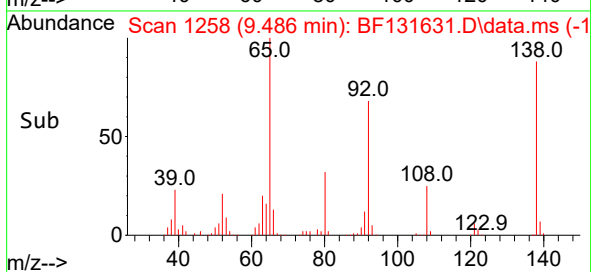
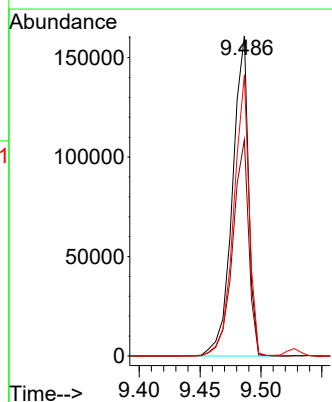
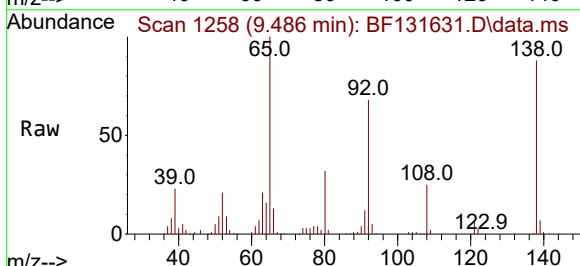
Tgt Ion: 65 Resp: 147230

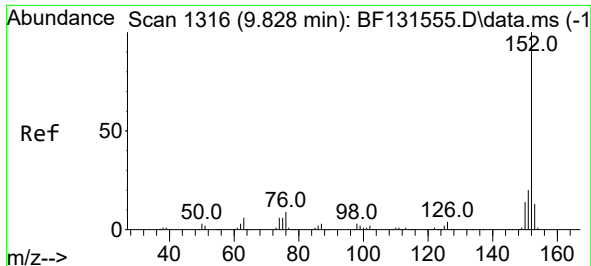
Ion Ratio Lower Upper

65 100

92 67.5 49.2 73.8

138 87.9 60.7 91.1

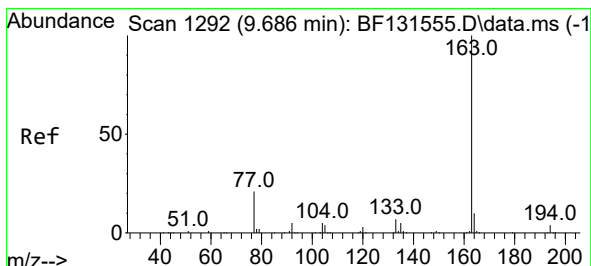
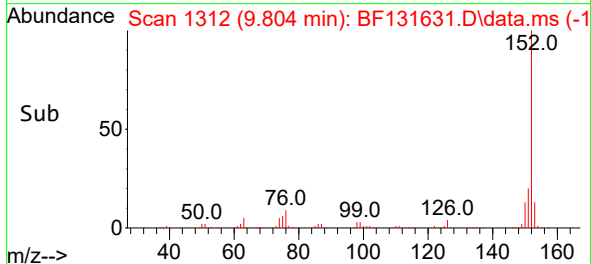
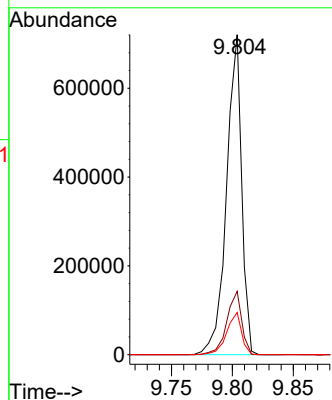
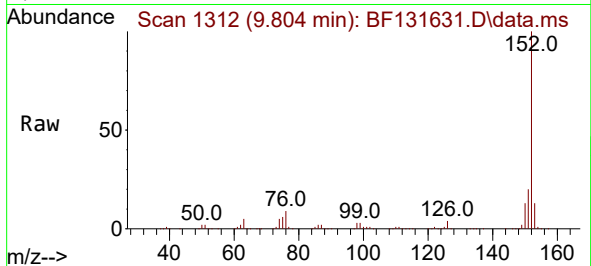




#49
Acenaphthylene
Concen: 43.666 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

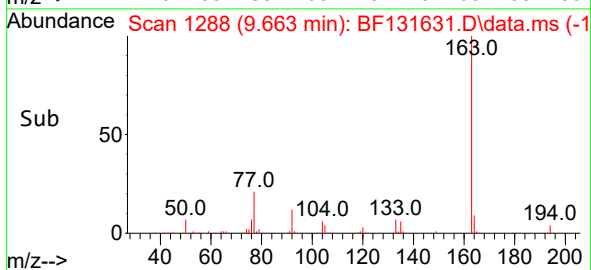
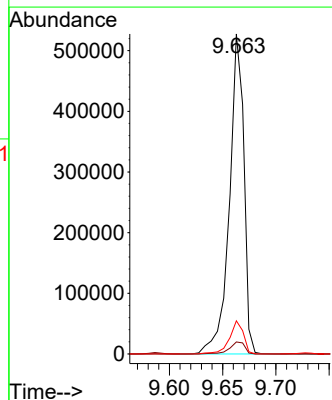
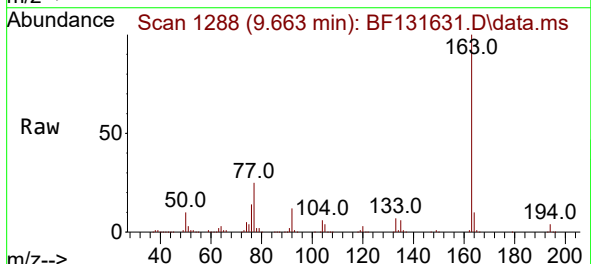
Instrument :
BNA_F
ClientSampleId :
PB149594BS

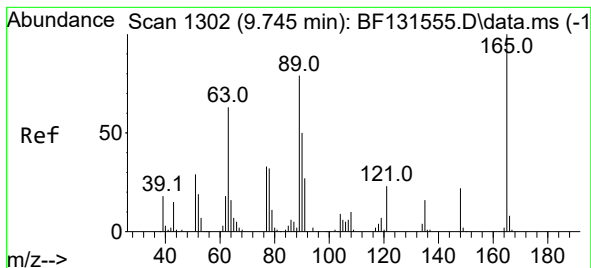
Tgt Ion:152 Resp: 624714
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 43.269 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:163 Resp: 498922
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 7.8 11.6

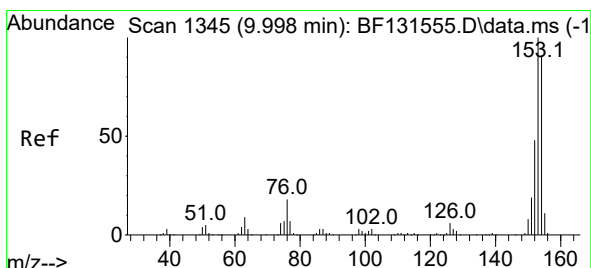
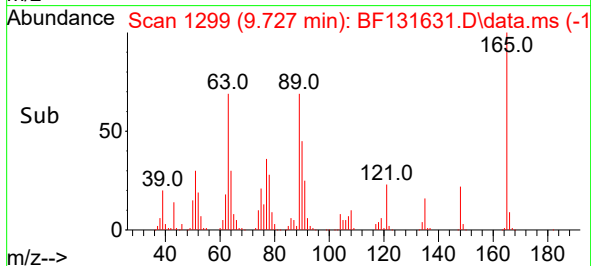
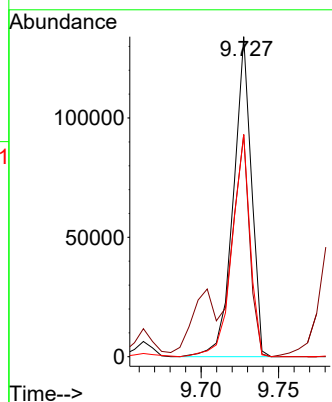
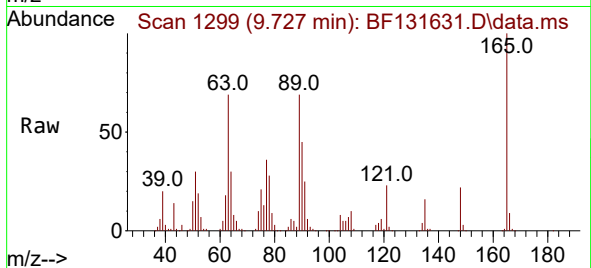




#51
2,6-Dinitrotoluene
Concen: 45.637 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

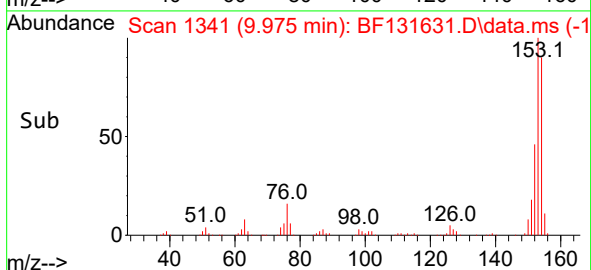
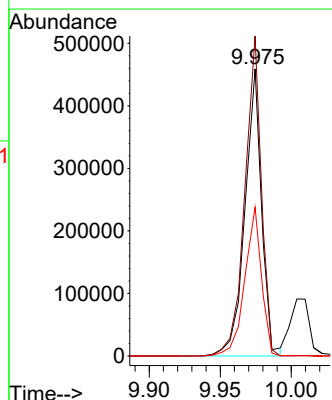
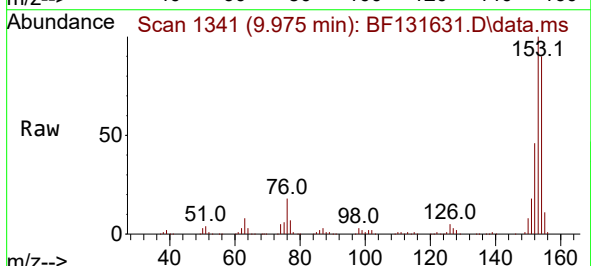
Instrument :
BNA_F
ClientSampleId :
PB149594BS

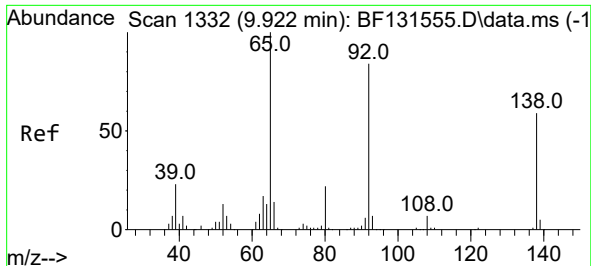
Tgt Ion:165 Resp: 108636
Ion Ratio Lower Upper
165 100
63 69.4 67.9 101.9
89 69.4 63.2 94.8



#52
Acenaphthene
Concen: 39.103 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:154 Resp: 374772
Ion Ratio Lower Upper
154 100
153 111.5 87.9 131.9
152 51.8 42.4 63.6

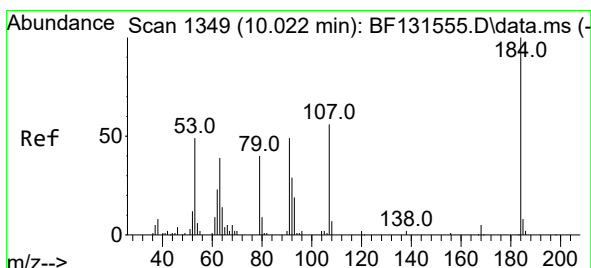
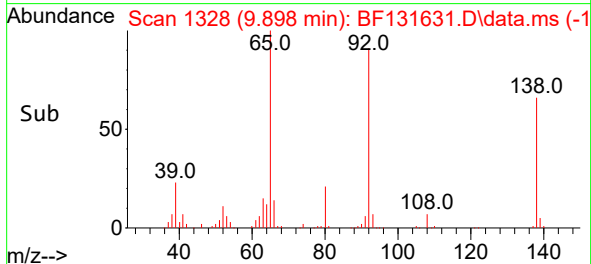
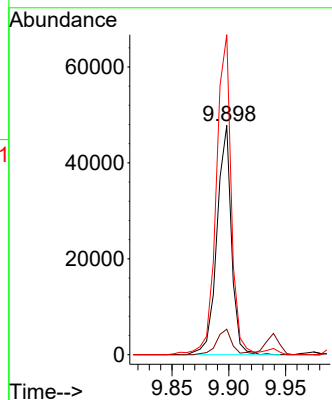
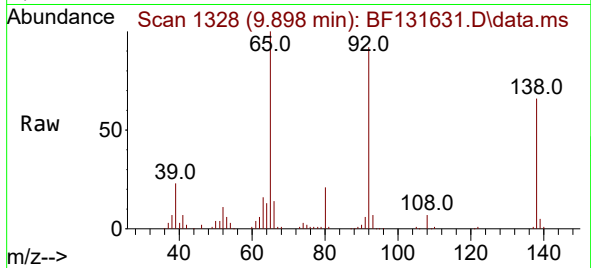




#53
3-Nitroaniline
Concen: 18.617 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

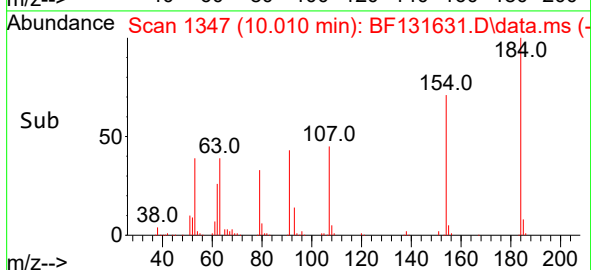
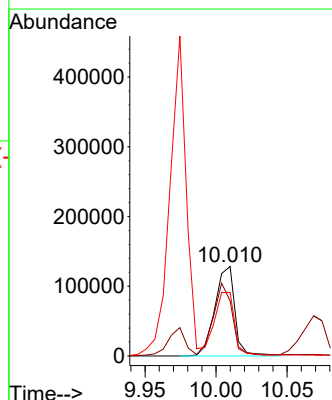
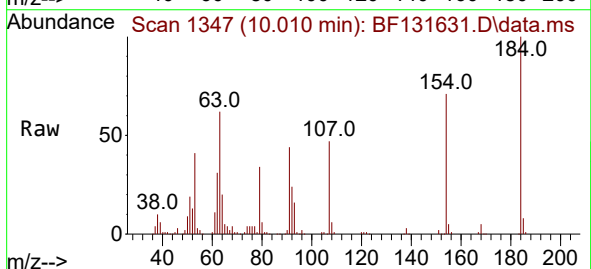
Instrument :
BNA_F
ClientSampleId :
PB149594BS

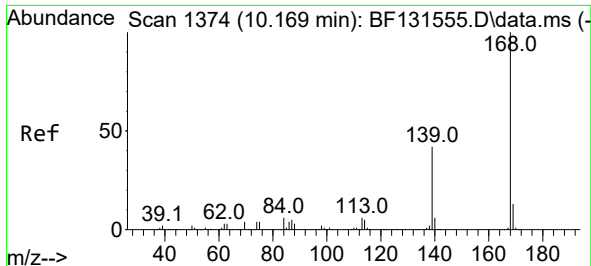
Tgt Ion:138 Resp: 42519
Ion Ratio Lower Upper
138 100
108 11.1 9.6 14.4
92 139.6 113.4 170.0



#54
2,4-Dinitrophenol
Concen: 91.485 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:184 Resp: 125509
Ion Ratio Lower Upper
184 100
63 61.5 60.7 91.1
154 70.8 59.0 88.6

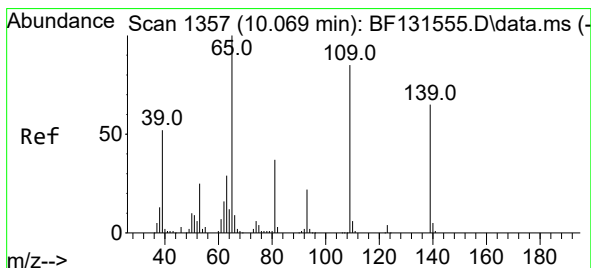
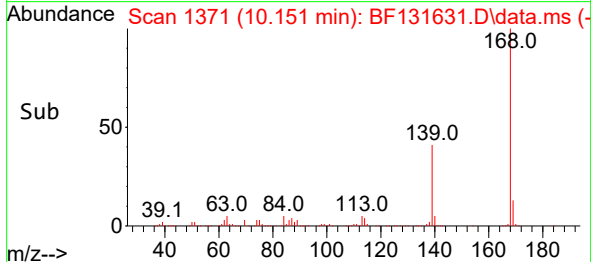
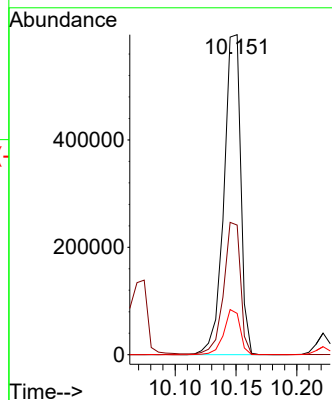
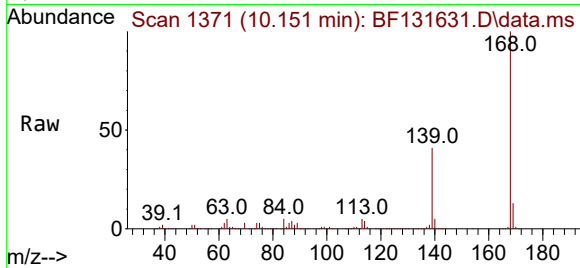




#55
Dibenzenofuran
Concen: 42.505 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

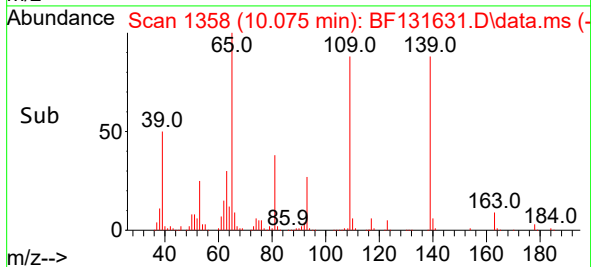
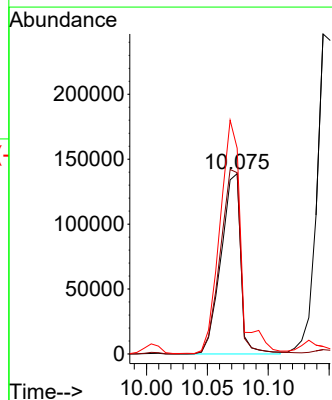
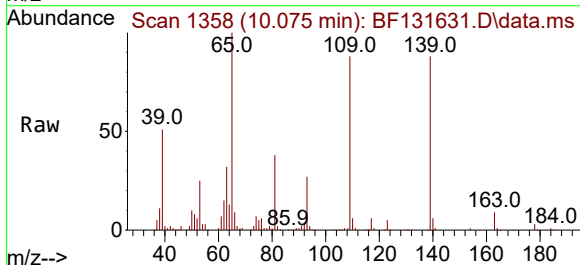
Instrument :
BNA_F
ClientSampleId :
PB149594BS

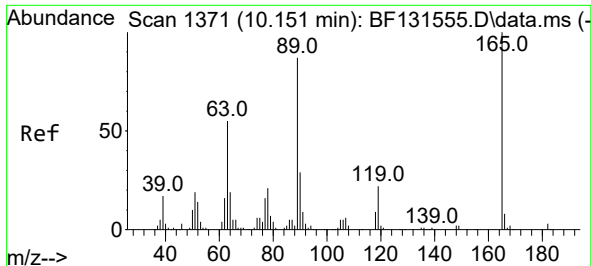
Tgt Ion:168 Resp: 575606
Ion Ratio Lower Upper
168 100
139 40.5 33.9 50.9
169 12.9 10.7 16.1



#56
4-Nitrophenol
Concen: 98.735 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:139 Resp: 156655
Ion Ratio Lower Upper
139 100
109 100.6 110.2 150.2#
65 114.1 133.3 173.3#

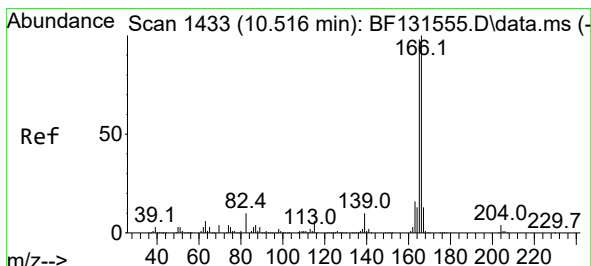
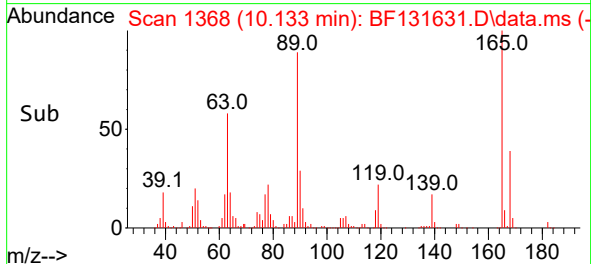
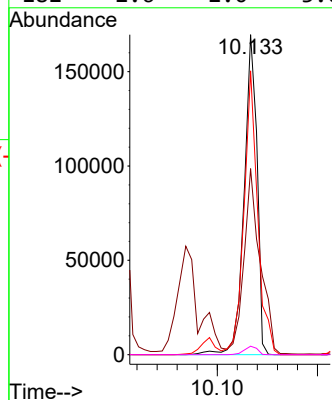
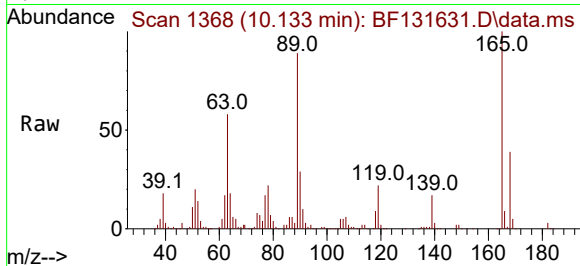




#57
2,4-Dinitrotoluene
Concen: 48.282 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

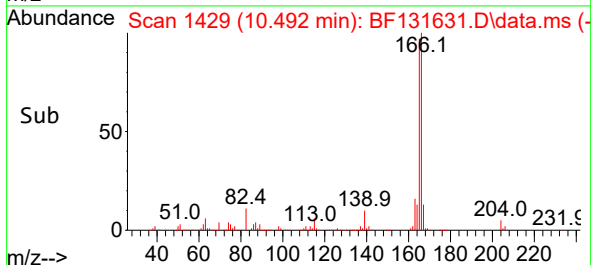
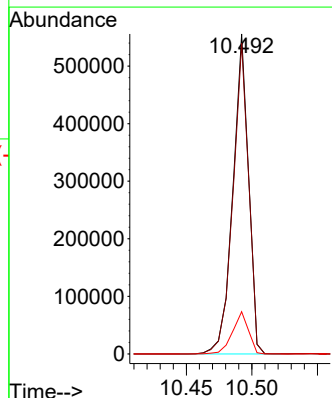
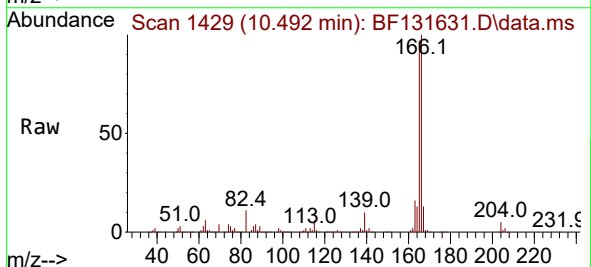
Instrument :
BNA_F
ClientSampleId :
PB149594BS

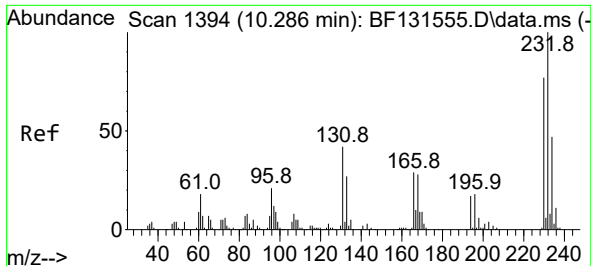
Tgt Ion:165 Resp: 152461
Ion Ratio Lower Upper
165 100
63 58.1 44.4 66.6
89 88.7 69.6 104.4
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.870 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:166 Resp: 460947
Ion Ratio Lower Upper
166 100
165 97.1 78.4 117.6
167 13.2 10.7 16.1

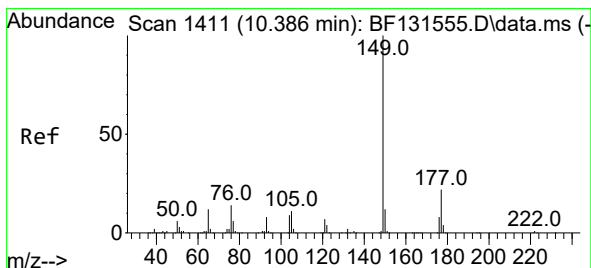
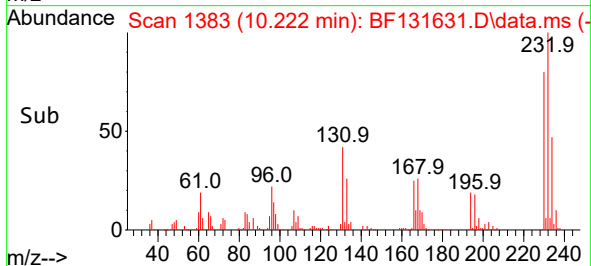
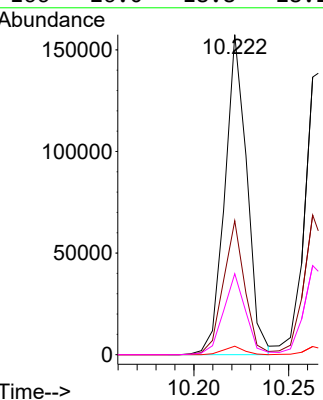
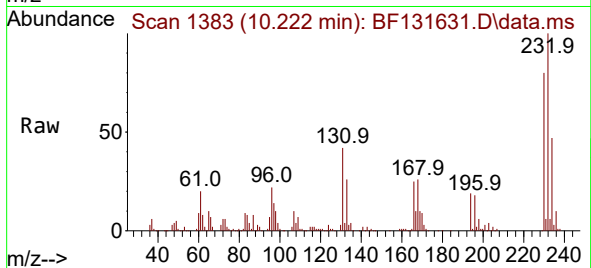




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.302 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

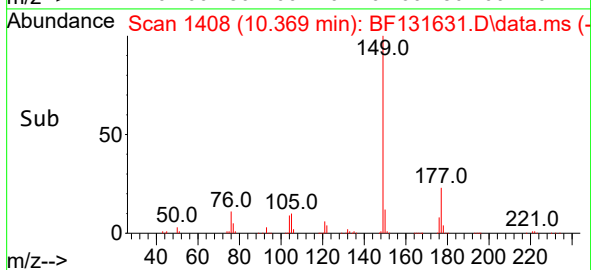
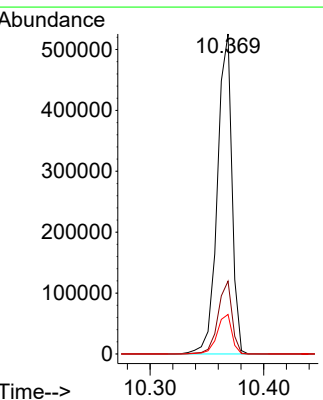
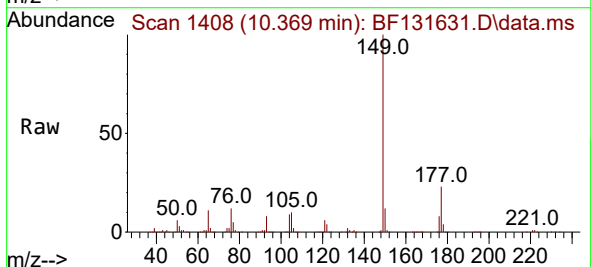
Instrument :
BNA_F
ClientSampleId :
PB149594BS

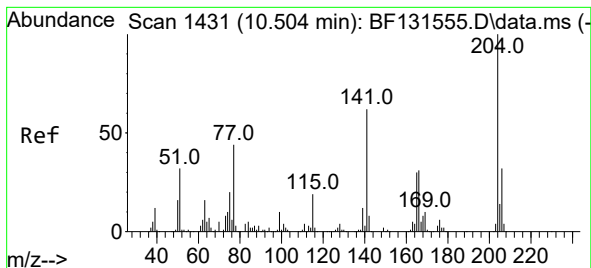
Tgt Ion:232 Resp: 127113
Ion Ratio Lower Upper
232 100
131 40.8 31.0 46.6
130 2.5 1.8 2.8
166 26.0 18.8 28.2



#60
Diethylphthalate
Concen: 42.229 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:149 Resp: 467271
Ion Ratio Lower Upper
149 100
177 22.8 17.4 26.2
150 12.4 9.7 14.5

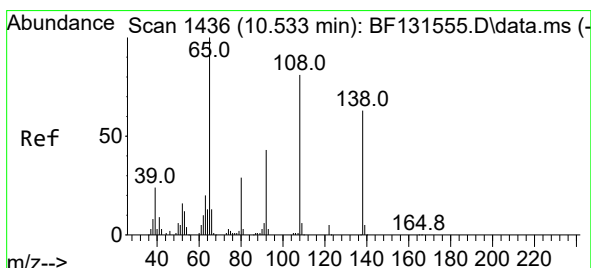
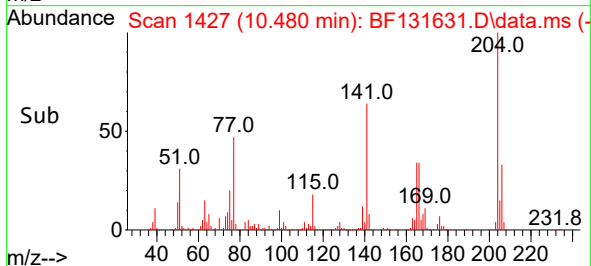
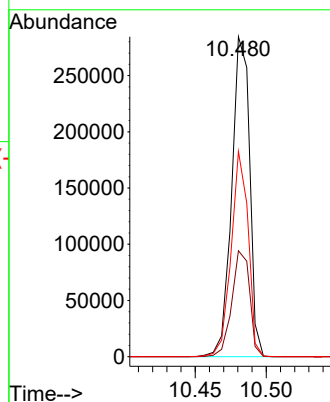
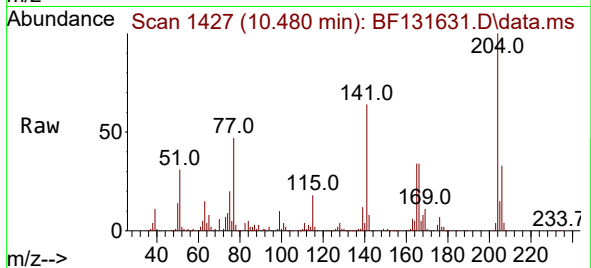




#61
4-Chlorophenyl-phenylether
Concen: 40.990 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

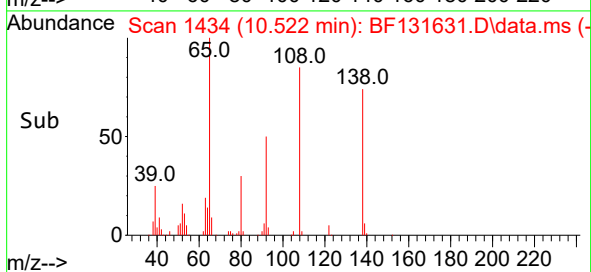
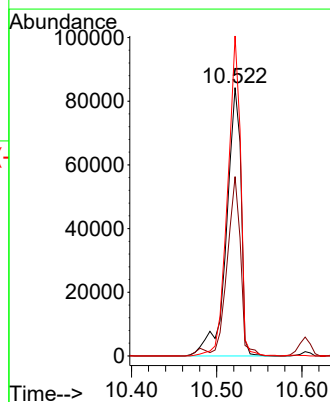
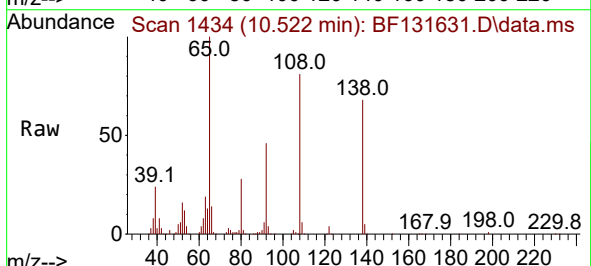
Instrument :
BNA_F
ClientSampleId :
PB149594BS

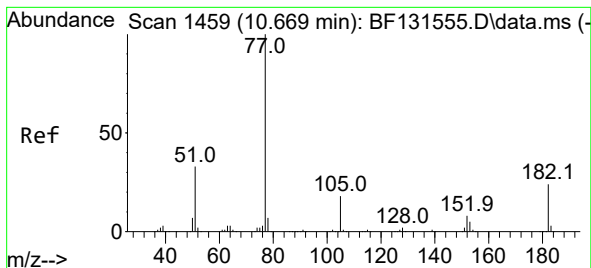
Tgt Ion:204 Resp: 249377
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.2
141 64.2 49.5 74.3



#62
4-Nitroaniline
Concen: 44.212 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:138 Resp: 100063
Ion Ratio Lower Upper
138 100
92 66.8 47.5 87.5
108 119.2 108.8 148.8





#63

Azobenzene

Concen: 41.027 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

Tgt Ion: 77 Resp: 517781

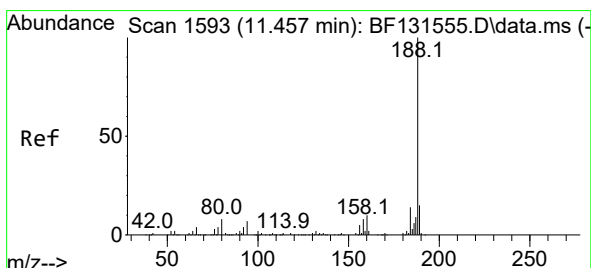
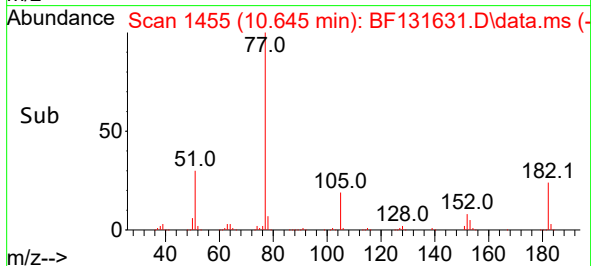
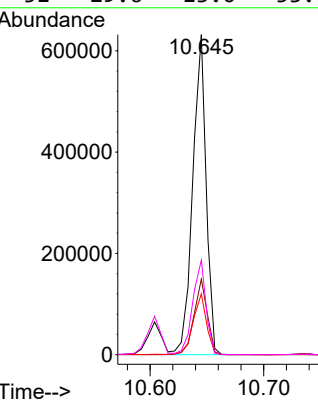
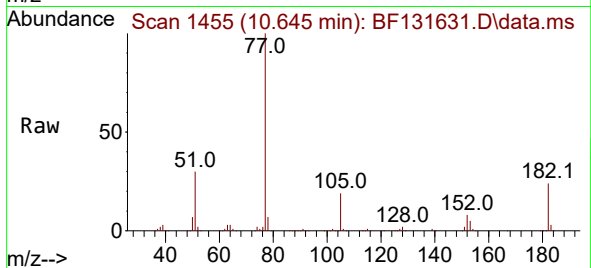
Ion Ratio Lower Upper

77 100

182 23.6 3.9 43.9

105 19.0 0.0 38.3

51 29.6 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

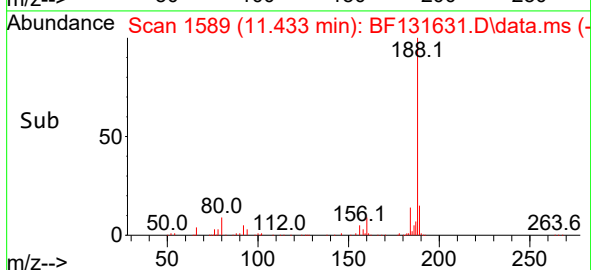
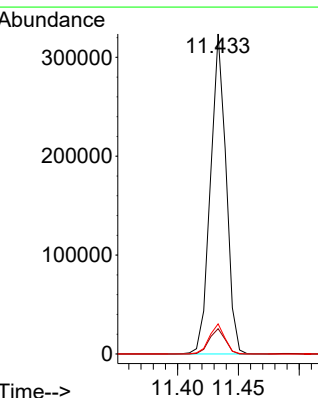
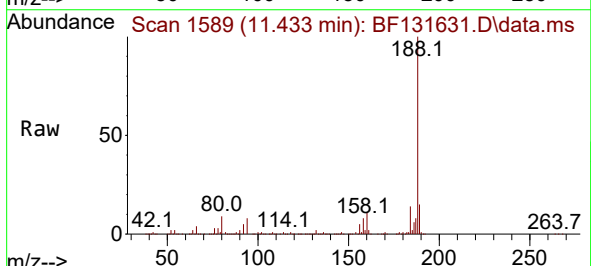
Tgt Ion:188 Resp: 288883

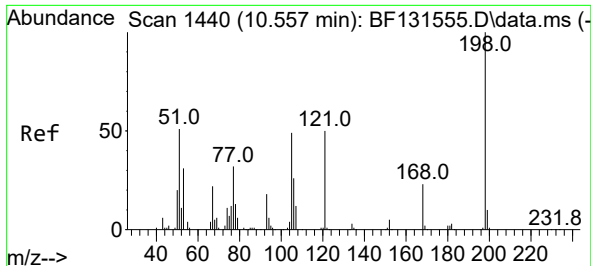
Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

80 9.4 6.6 10.0

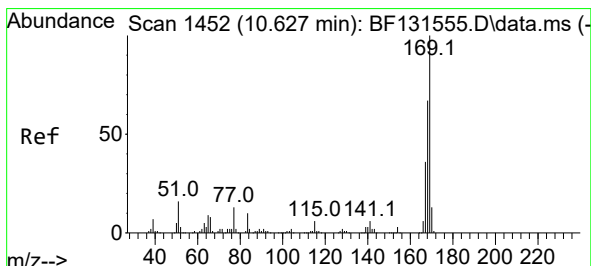
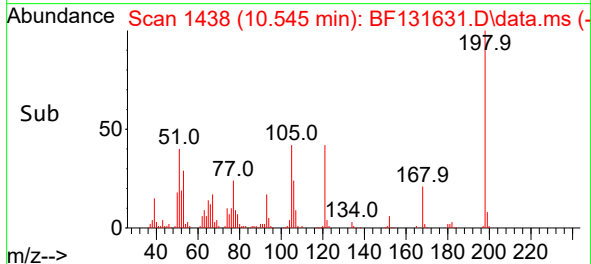
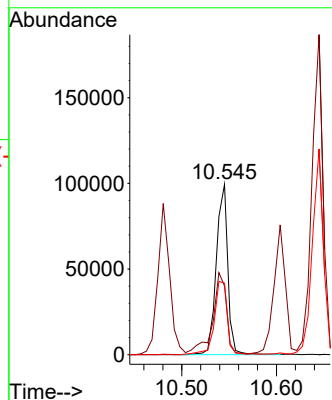
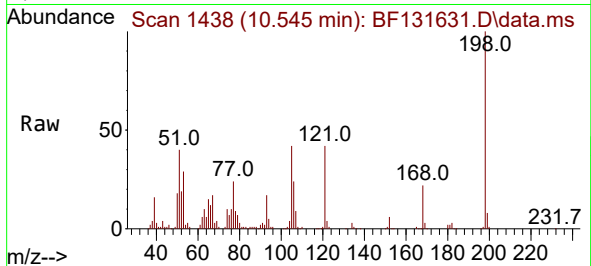




#65
4,6-Dinitro-2-methylphenol
Concen: 45.733 ng
RT: 10.545 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

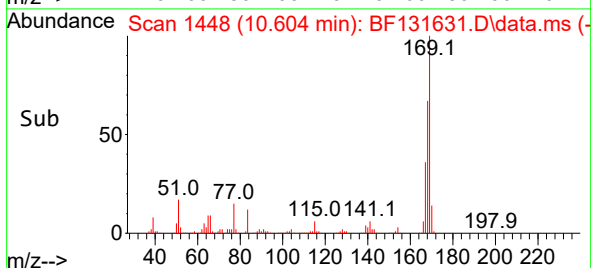
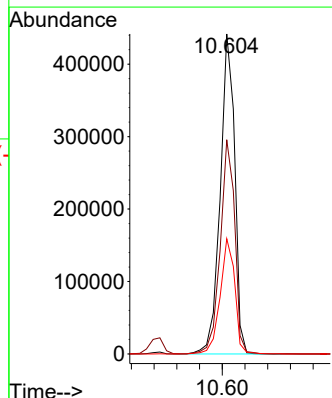
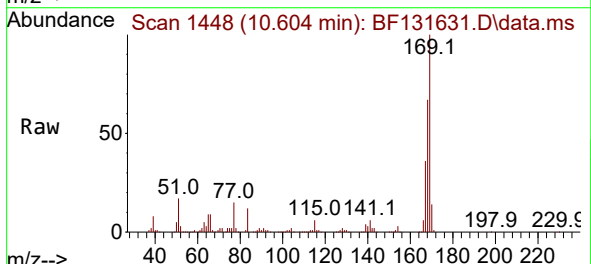
Instrument :
BNA_F
ClientSampleId :
PB149594BS

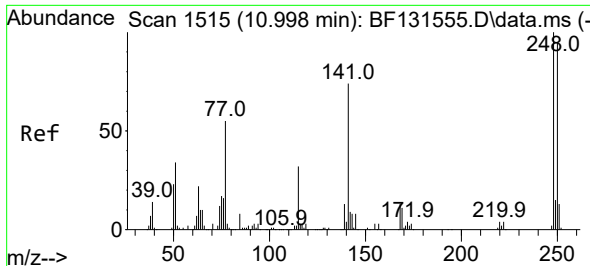
Tgt Ion:198 Resp: 83678
Ion Ratio Lower Upper
198 100
51 40.3 36.7 76.7
105 42.0 29.9 69.9



#66
n-Nitrosodiphenylamine
Concen: 42.000 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:169 Resp: 392249
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.0 29.1 43.7

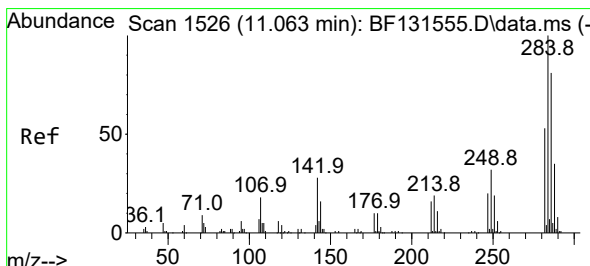
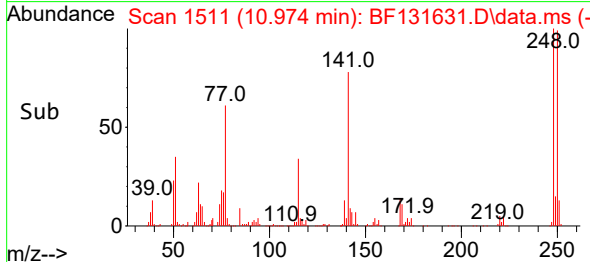
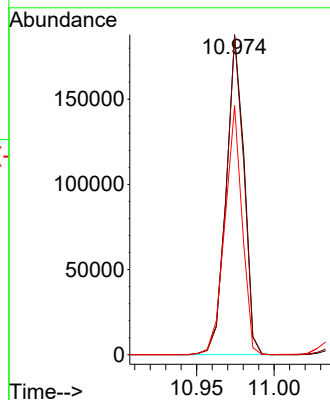
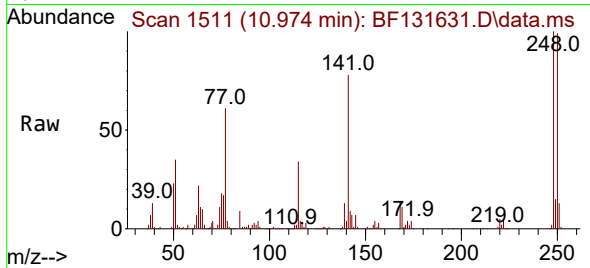




#67
4-Bromophenyl-phenylether
Concen: 40.534 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

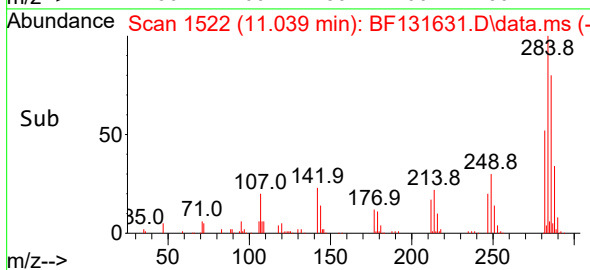
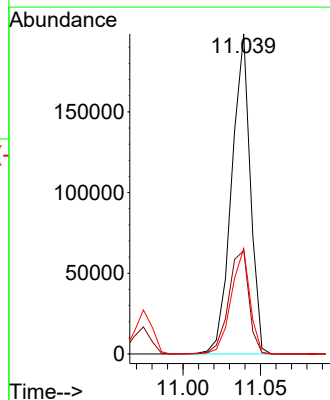
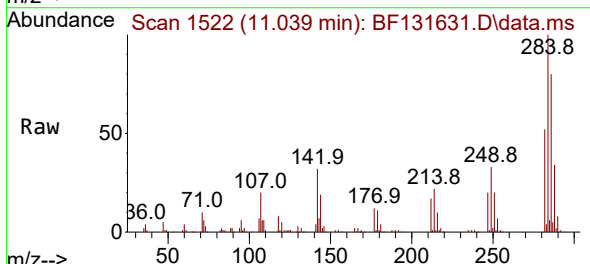
Instrument :
BNA_F
ClientSampleId :
PB149594BS

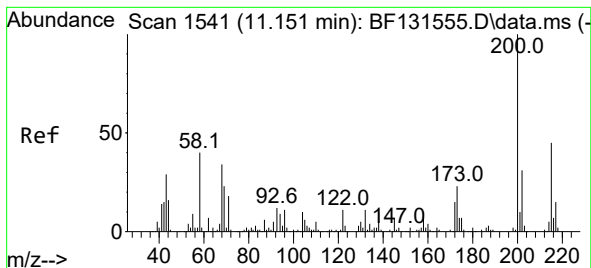
Tgt Ion:248 Resp: 150634
Ion Ratio Lower Upper
248 100
250 99.5 76.2 114.2
141 77.9 59.5 89.3



#68
Hexachlorobenzene
Concen: 41.354 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:284 Resp: 166233
Ion Ratio Lower Upper
284 100
142 32.3 22.3 33.5
249 32.9 25.4 38.2





#69

Atrazine

Concen: 50.777 ng

RT: 11.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

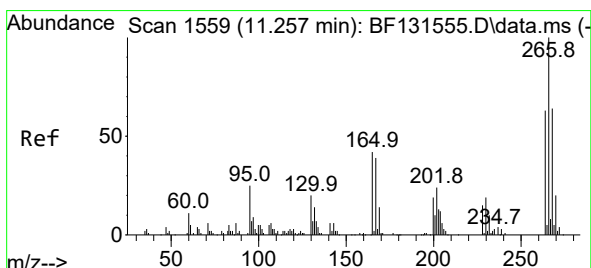
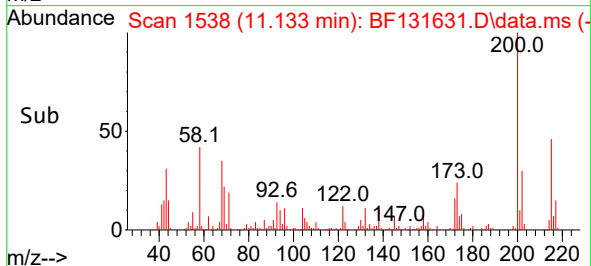
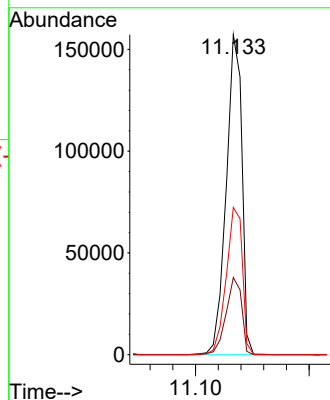
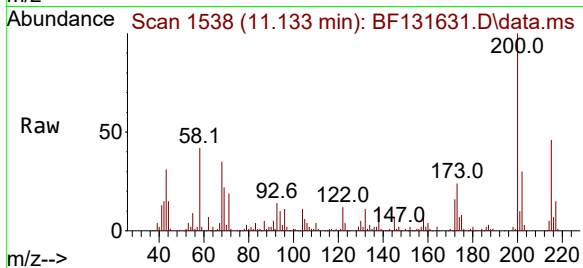
Tgt Ion:200 Resp: 150592

Ion Ratio Lower Upper

200 100

173 24.1 3.4 43.4

215 46.0 25.0 65.0



#70

Pentachlorophenol

Concen: 85.292 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

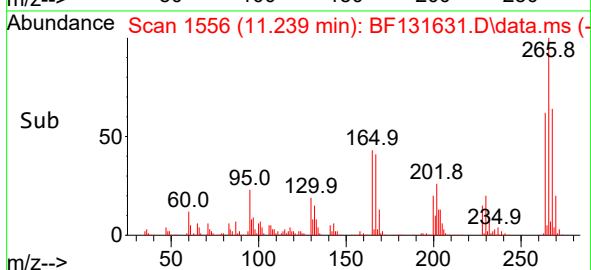
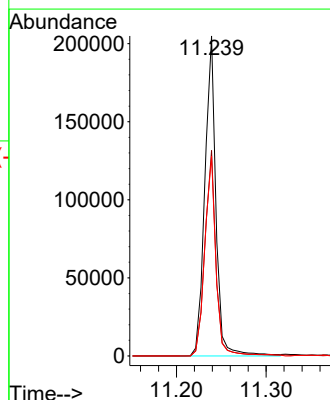
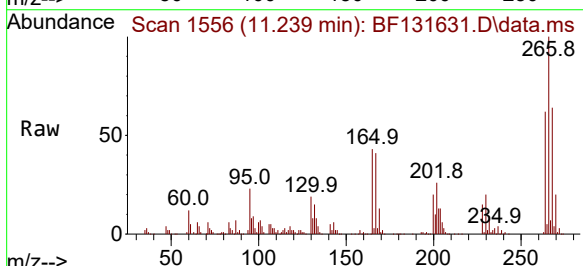
Tgt Ion:266 Resp: 176505

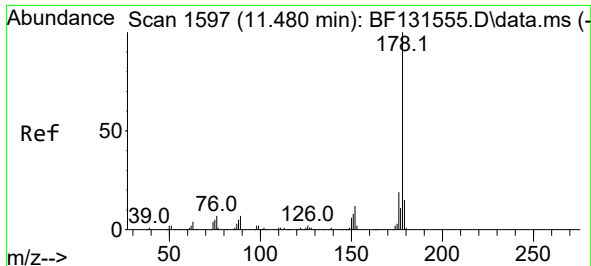
Ion Ratio Lower Upper

266 100

268 64.2 51.5 77.3

264 62.5 50.7 76.1

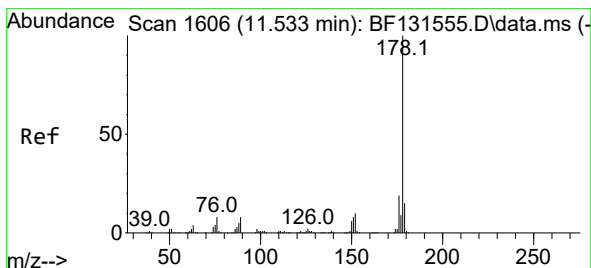
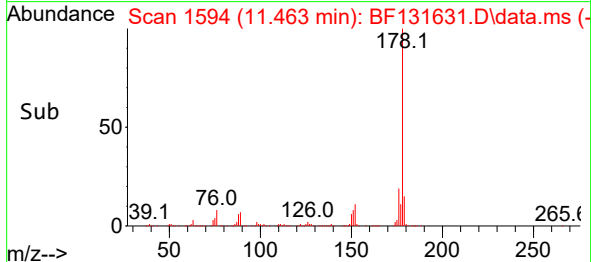
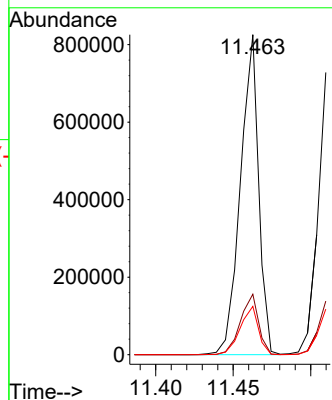
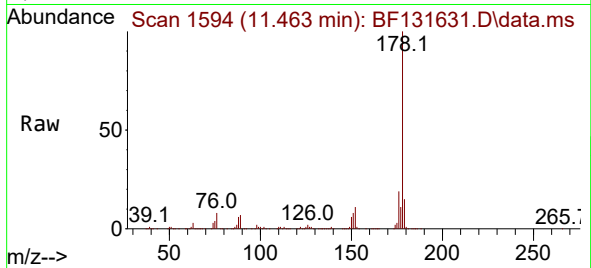




#71
Phenanthrene
Concen: 41.937 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

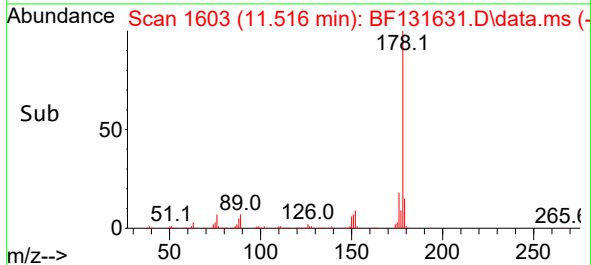
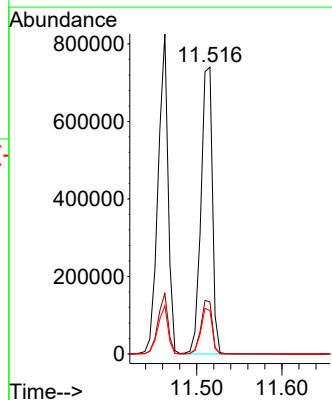
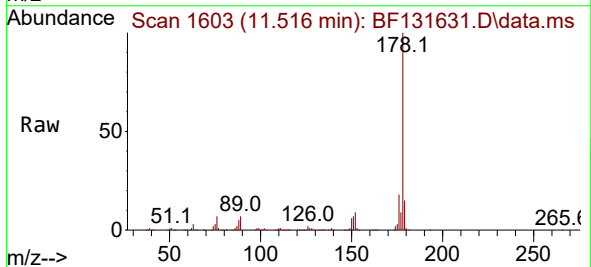
Instrument :
BNA_F
ClientSampleId :
PB149594BS

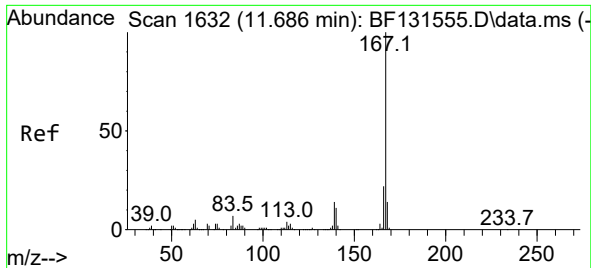
Tgt Ion:178 Resp: 675279
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.1 12.2 18.4



#72
Anthracene
Concen: 43.937 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:178 Resp: 688309
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 15.2 12.3 18.5

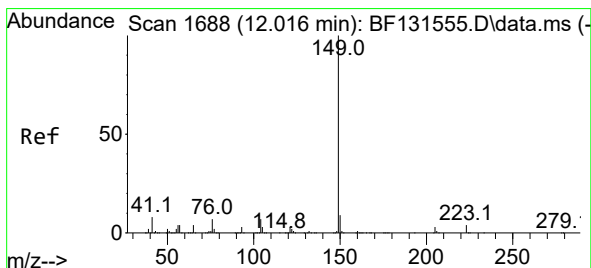
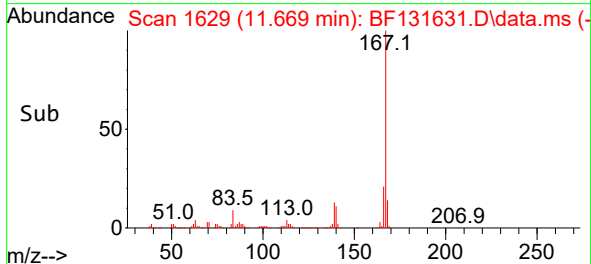
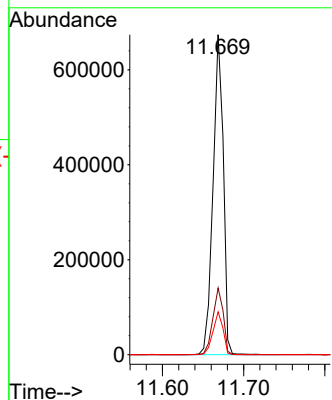
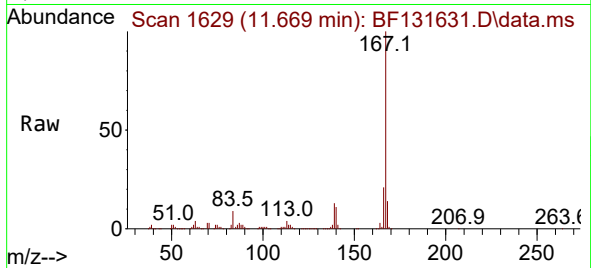




#73
Carbazole
Concen: 46.079 ng
RT: 11.669 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

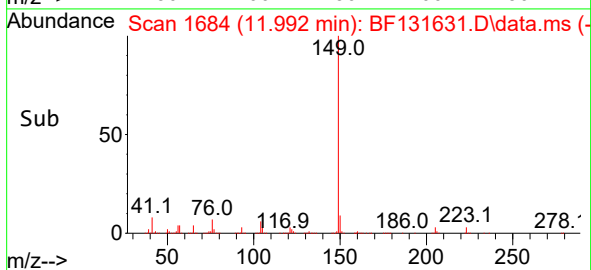
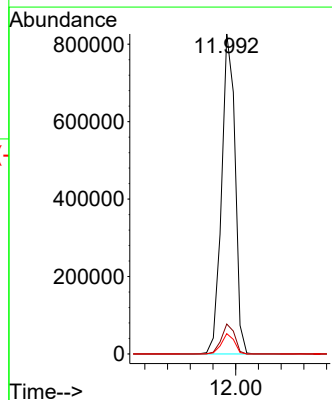
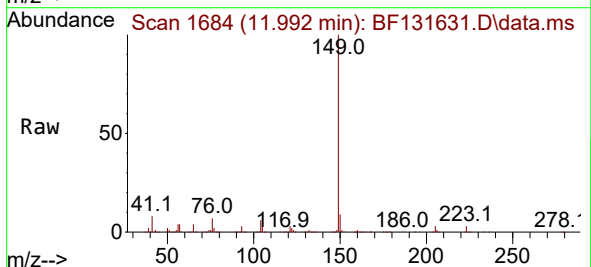
Instrument :
BNA_F
ClientSampleId :
PB149594BS

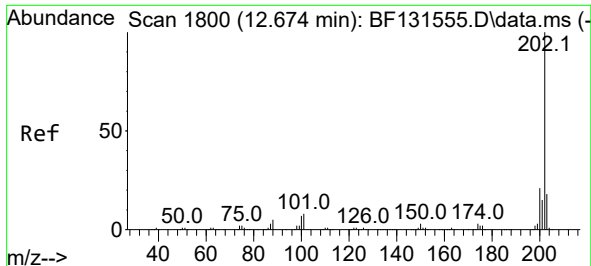
Tgt Ion:167 Resp: 589221
Ion Ratio Lower Upper
167 100
166 20.9 17.4 26.0
139 13.4 11.0 16.4



#74
Di-n-butylphthalate
Concen: 43.526 ng
RT: 11.992 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:149 Resp: 682809
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 6.3 5.2 7.8

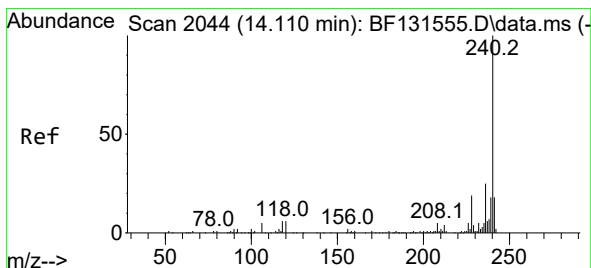
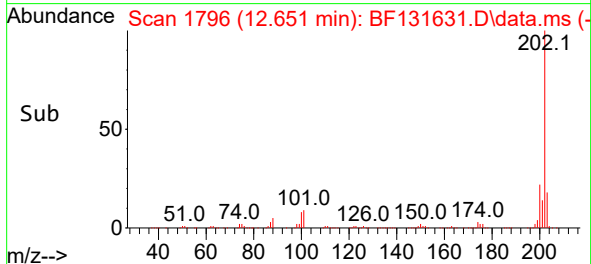
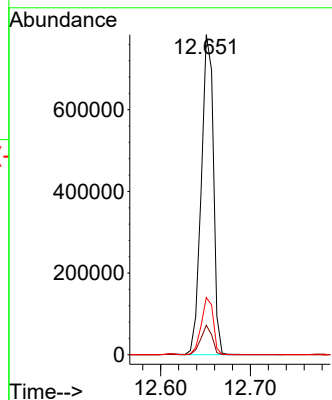
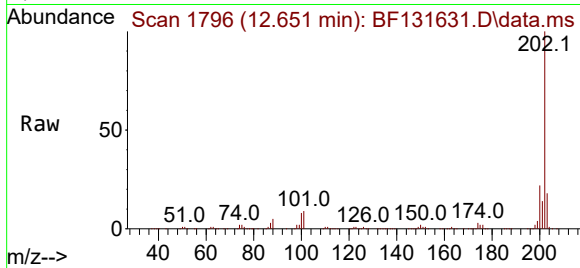




#75
Fluoranthene
Concen: 44.329 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

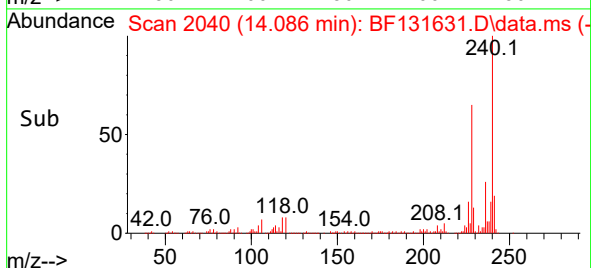
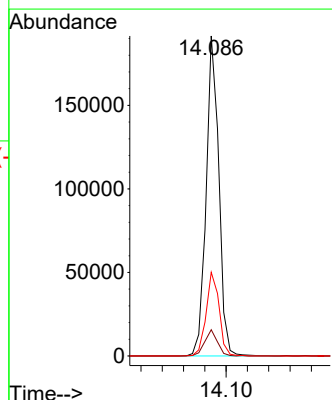
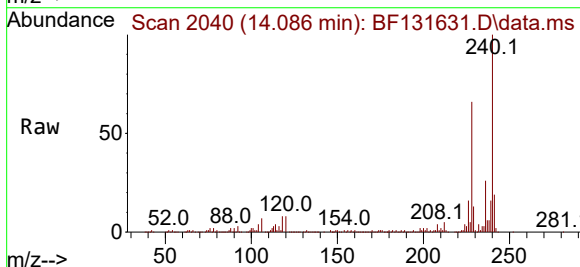
Instrument :
BNA_F
ClientSampleId :
PB149594BS

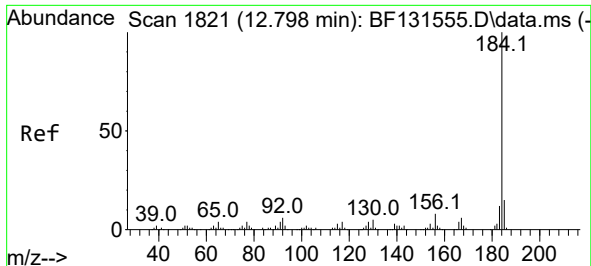
Tgt Ion:202 Resp: 735012
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.7
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:240 Resp: 158853
Ion Ratio Lower Upper
240 100
120 8.2 4.6 7.0#
236 26.2 20.2 30.2

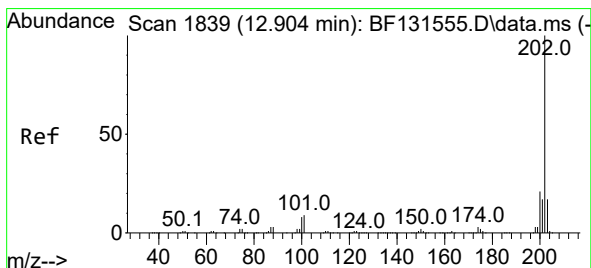
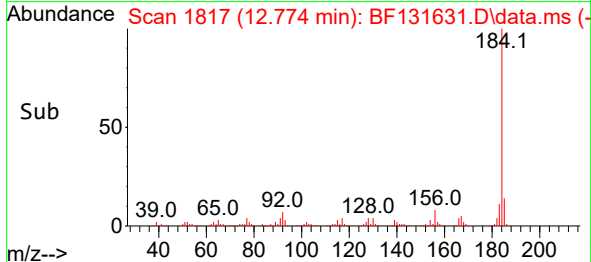
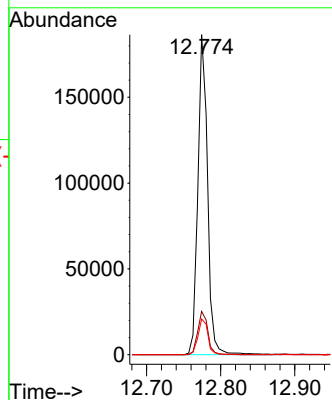
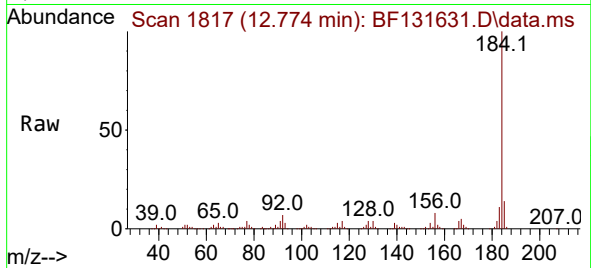




#77
Benzidine
Concen: 39.532 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

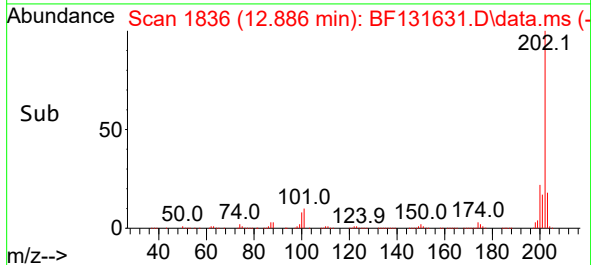
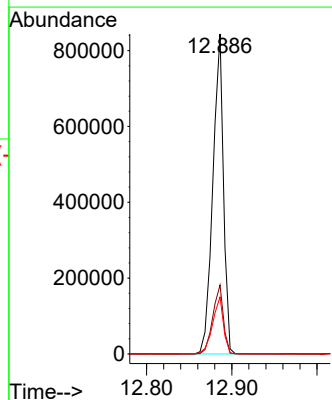
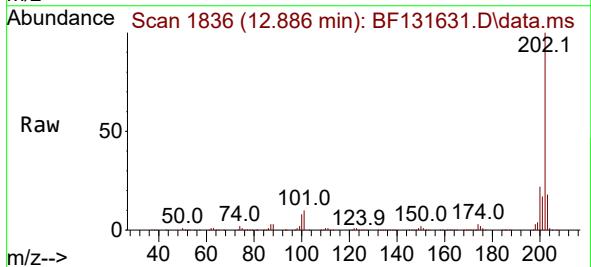
Instrument :
BNA_F
ClientSampleId :
PB149594BS

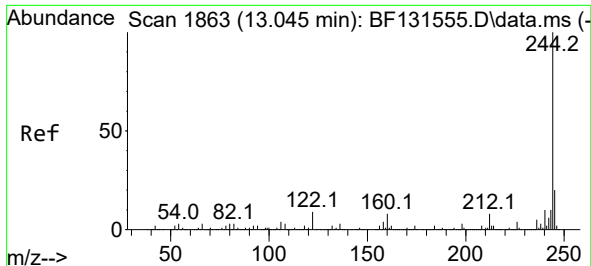
Tgt Ion:184 Resp: 168259
Ion Ratio Lower Upper
184 100
185 13.5 12.2 18.2
183 11.2 9.3 13.9



#78
Pyrene
Concen: 46.711 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:202 Resp: 731673
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 17.8 13.8 20.6

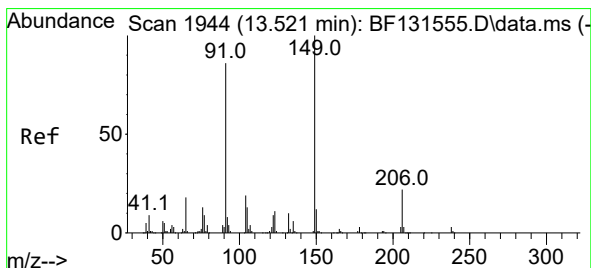
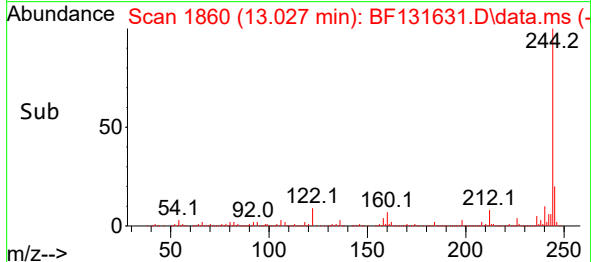
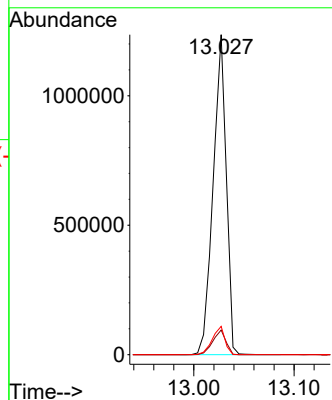
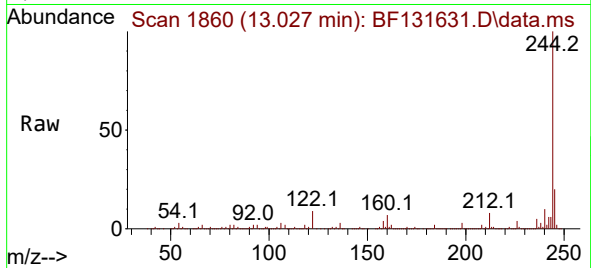




#79
 Terphenyl-d14
 Concen: 97.180 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

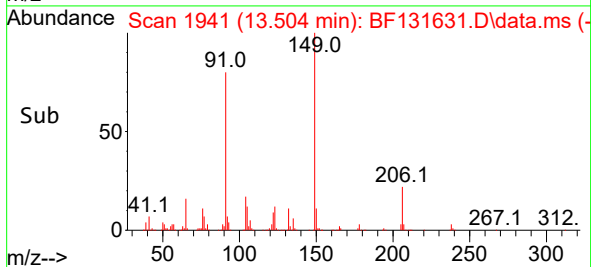
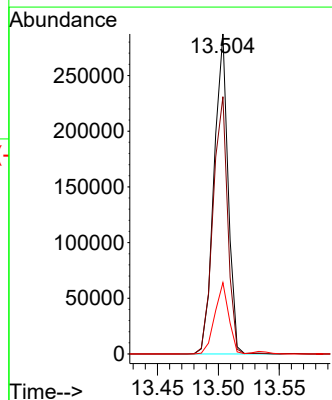
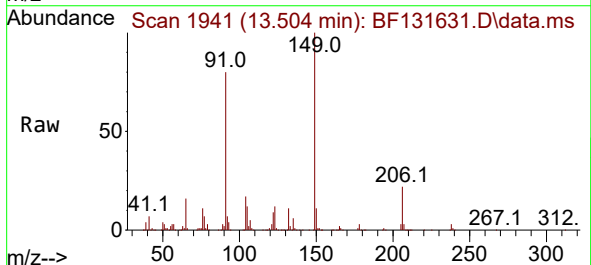
Instrument :
 BNA_F
 ClientSampleId :
 PB149594BS

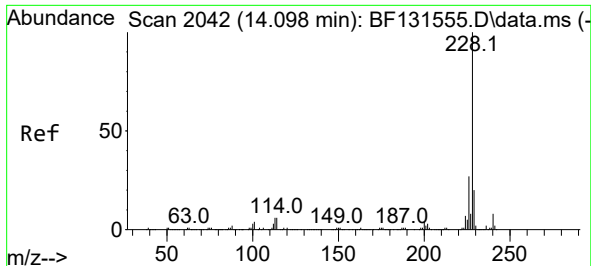
Tgt Ion:244 Resp: 1125656
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.9 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 50.948 ng
 RT: 13.504 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

Tgt Ion:149 Resp: 230946
 Ion Ratio Lower Upper
 149 100
 91 80.4 69.0 103.4
 206 22.3 17.8 26.8

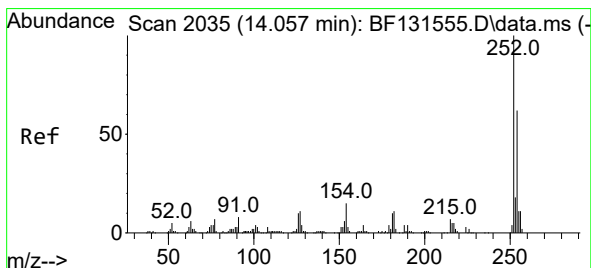
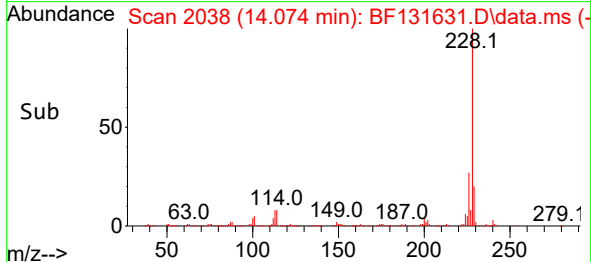
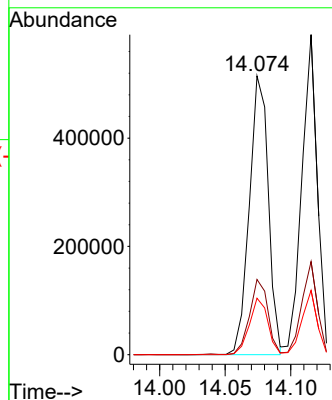
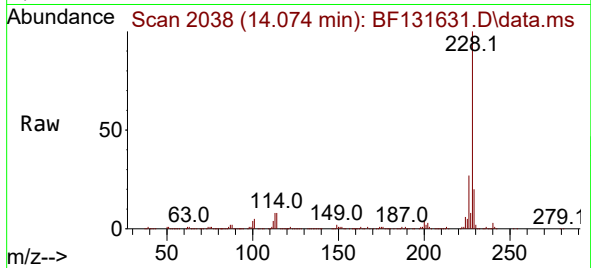




#81
Benzo(a)anthracene
Concen: 45.281 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

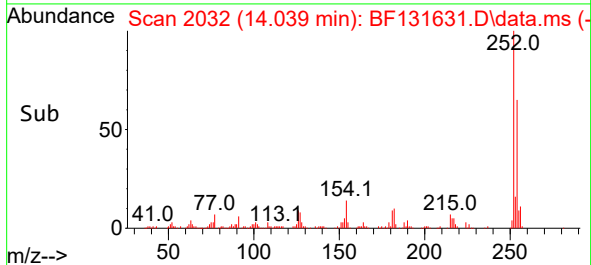
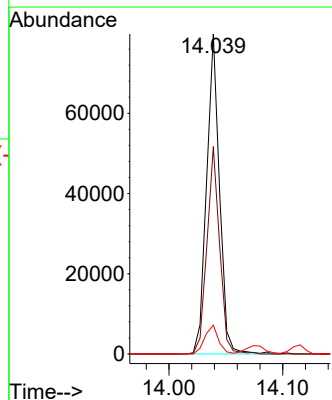
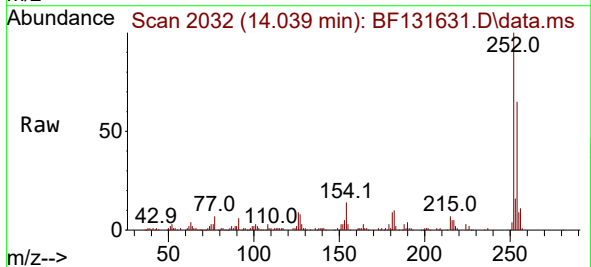
Instrument :
BNA_F
ClientSampleId :
PB149594BS

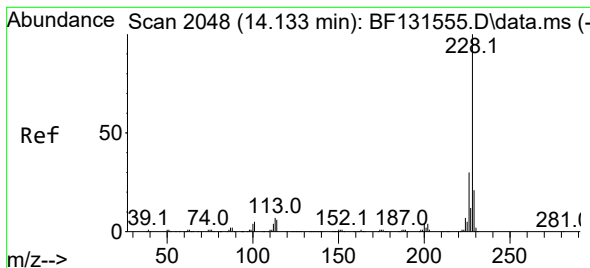
Tgt Ion:228 Resp: 519450
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 20.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.227 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:252 Resp: 62755
Ion Ratio Lower Upper
252 100
254 64.8 49.6 74.4
126 9.0 7.9 11.9





#83

Chrysene

Concen: 44.863 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

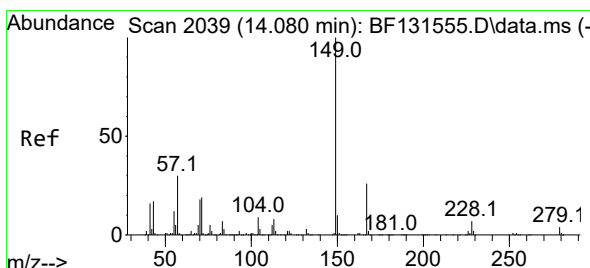
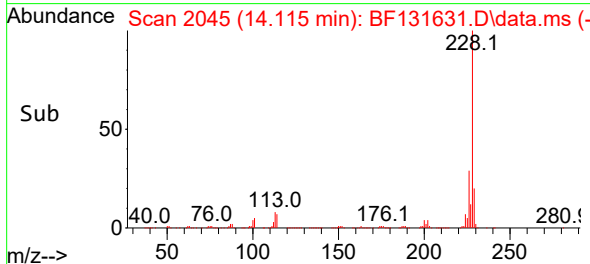
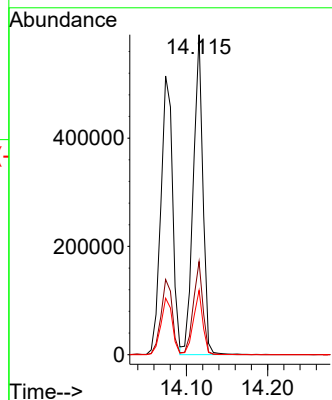
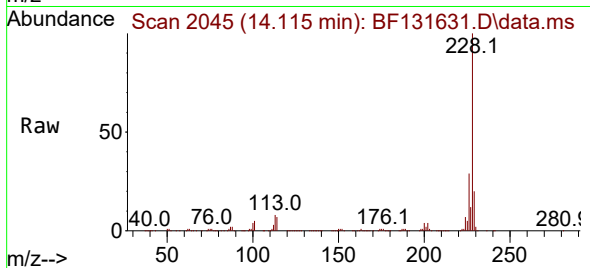
Tgt Ion:228 Resp: 489288

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

229 20.1 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.433 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

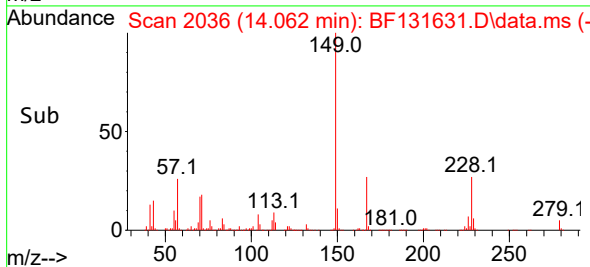
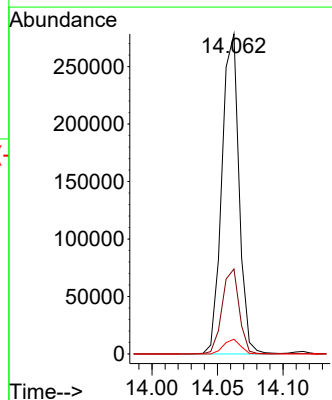
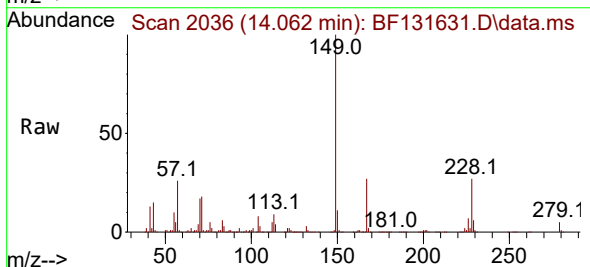
Tgt Ion:149 Resp: 253132

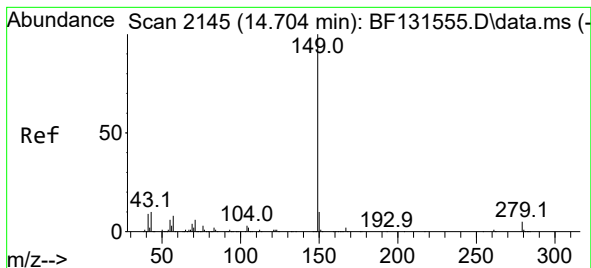
Ion Ratio Lower Upper

149 100

167 26.5 20.8 31.2

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 35.359 ng

RT: 14.680 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

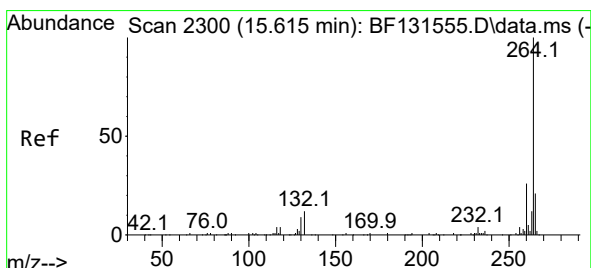
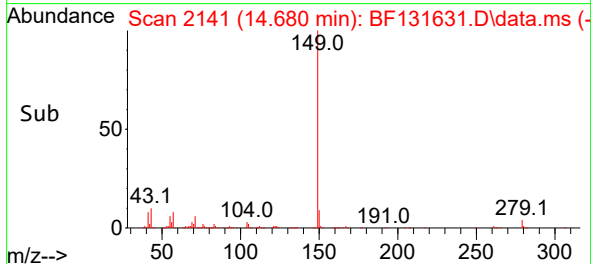
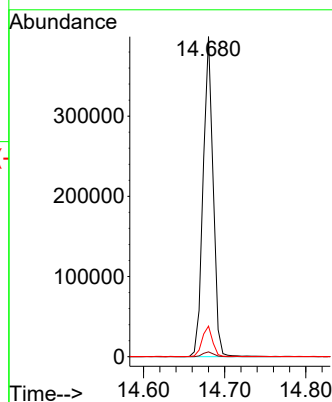
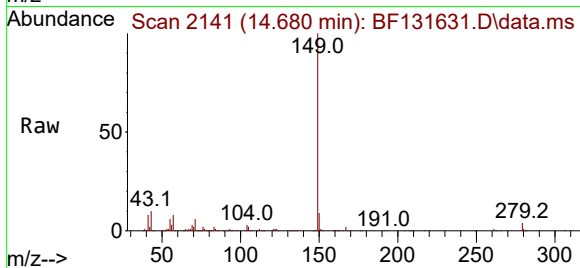
Tgt Ion:149 Resp: 342187

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2296

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

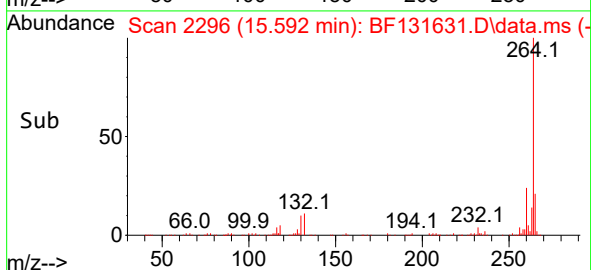
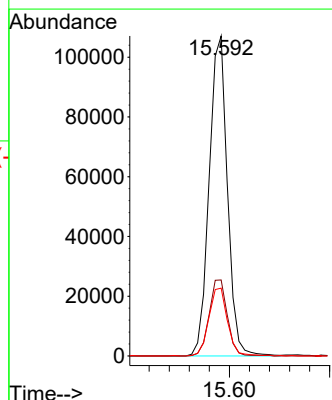
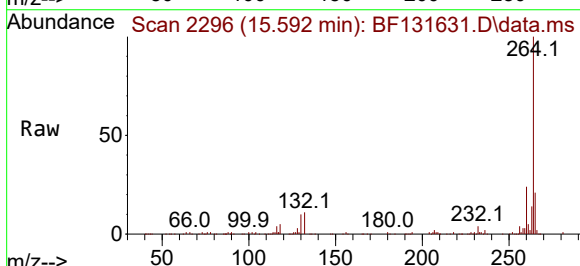
Tgt Ion:264 Resp: 135057

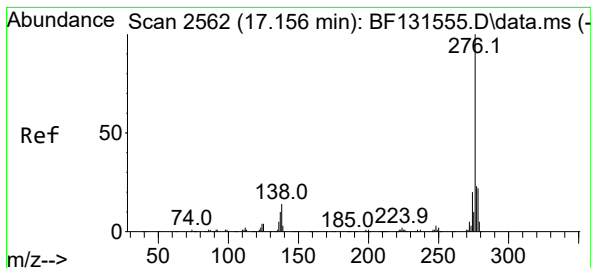
Ion Ratio Lower Upper

264 100

260 23.8 20.6 30.8

265 21.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.631 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

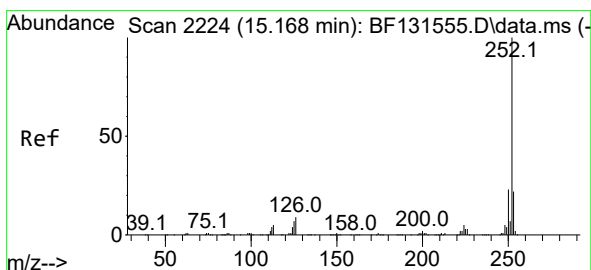
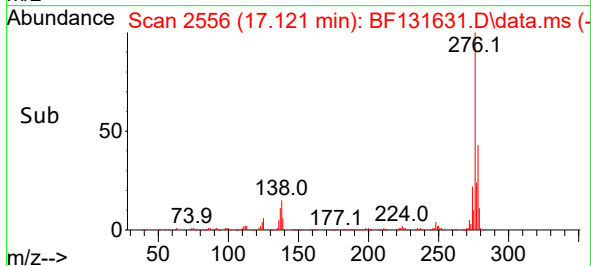
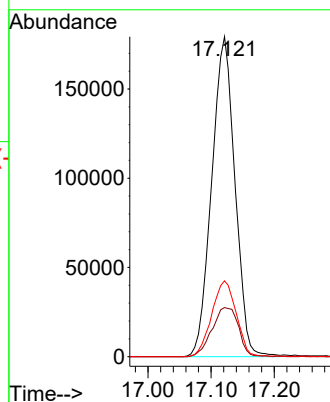
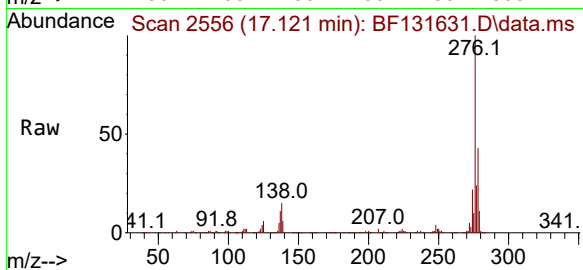
Tgt Ion:276 Resp: 458858

Ion Ratio Lower Upper

276 100

138 17.5 12.7 19.1

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.343 ng

RT: 15.145 min Scan# 2220

Delta R.T. -0.006 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

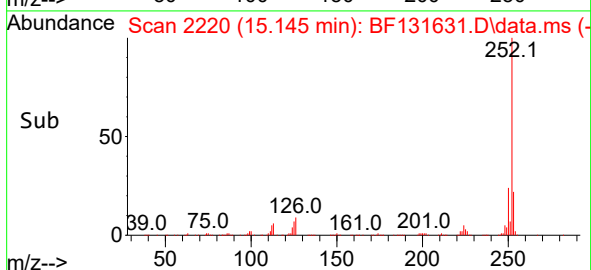
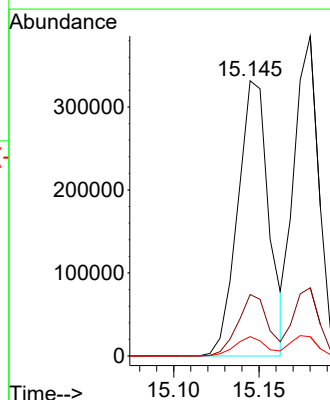
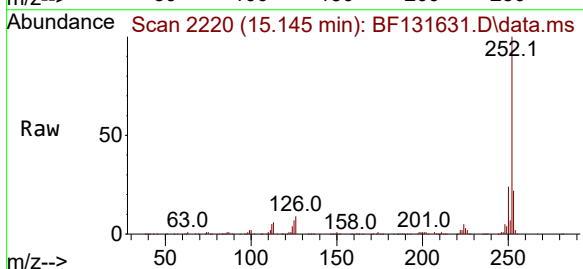
Tgt Ion:252 Resp: 421420

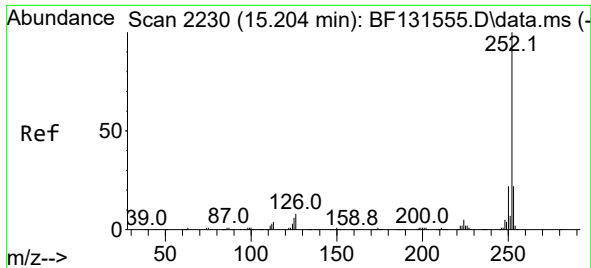
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 7.0 5.6 8.4

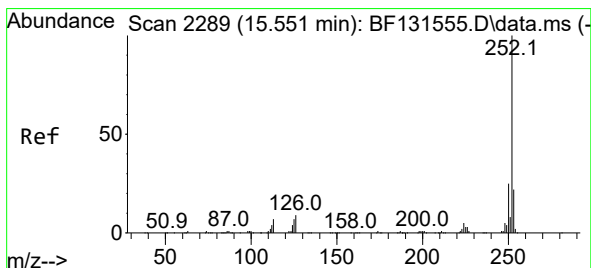
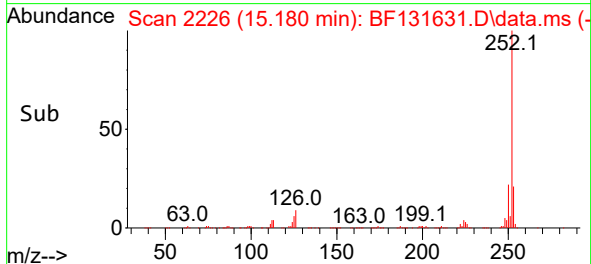
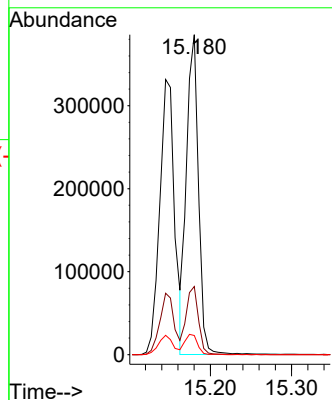
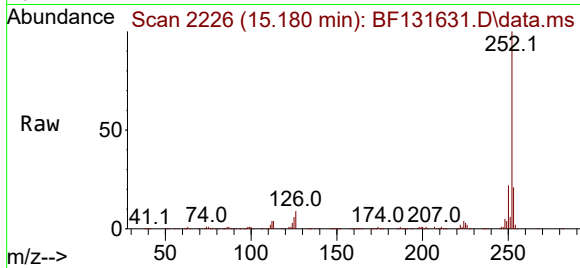




#89
Benzo(k)fluoranthene
Concen: 42.482 ng
RT: 15.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

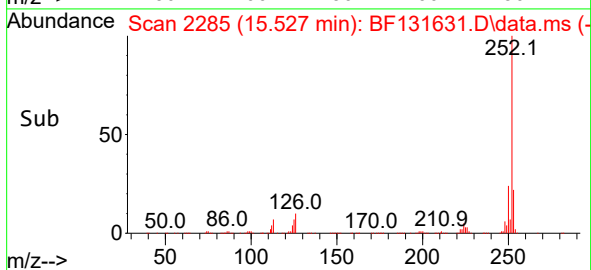
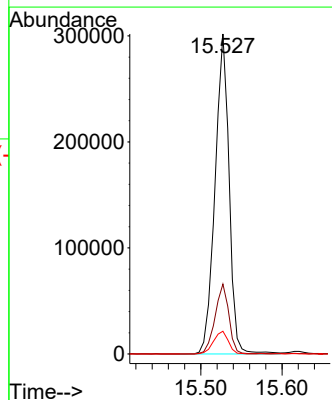
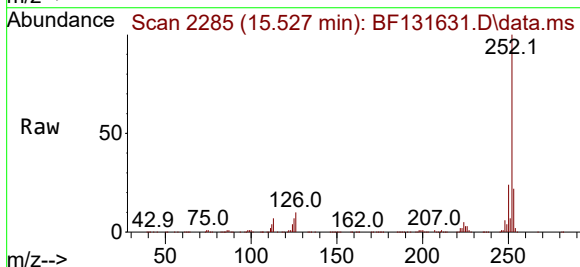
Instrument :
BNA_F
ClientSampleId :
PB149594BS

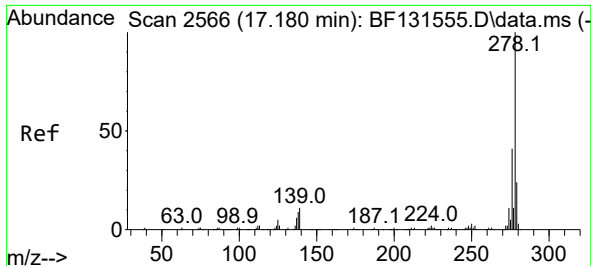
Tgt Ion:252 Resp: 394698
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 6.0 4.9 7.3



#90
Benzo(a)pyrene
Concen: 47.757 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:252 Resp: 362786
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.1 5.6 8.4

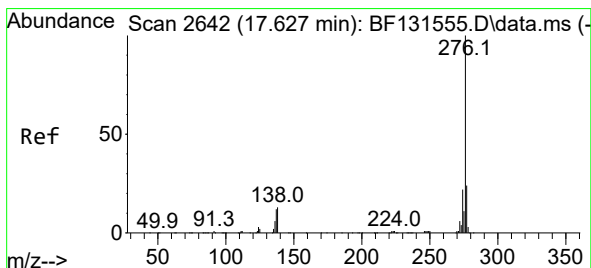
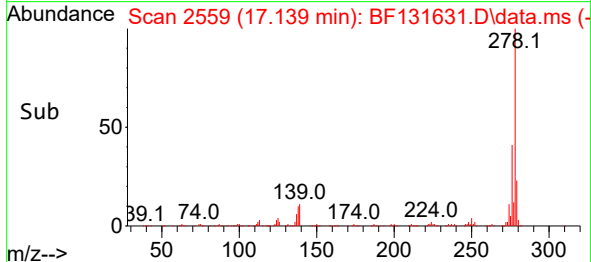
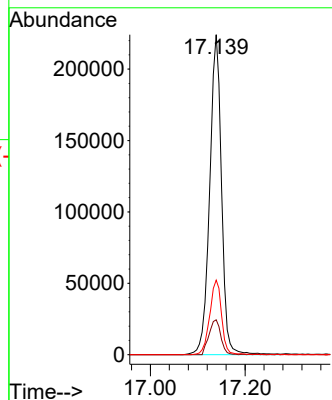
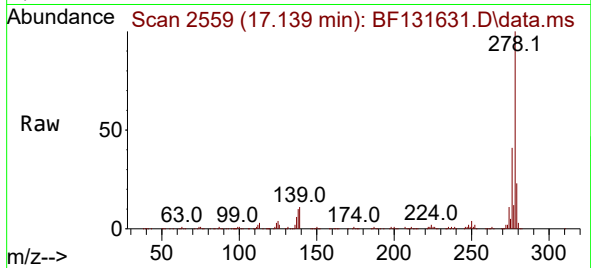




#91
 Dibenzo(a,h)anthracene
 Concen: 42.865 ng
 RT: 17.139 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB149594BS

Tgt Ion:278 Resp: 388849
 Ion Ratio Lower Upper
 278 100
 139 10.9 8.9 13.3
 279 23.3 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 42.437 ng
 RT: 17.586 min Scan# 2635
 Delta R.T. -0.006 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

Tgt Ion:276 Resp: 386898
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.6
 138 14.4 10.7 16.1

