

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131804.D
 Acq On : 23 Dec 2022 13:26
 Operator : CG\JU
 Sample : PB149851BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149851BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/24/2022
 Supervised By : Jagrut Upadhyay 12/24/2022

Quant Time: Dec 24 03:03:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	92027	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	359260	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	224457	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	419898	20.000	ng	0.00
76) Chrysene-d12	14.068	240	282342	20.000	ng	0.00
86) Perylene-d12	15.562	264	184066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	781161	142.935	ng	0.02
7) Phenol-d6	6.492	99	1007020	136.899	ng	0.00
23) Nitrobenzene-d5	7.428	82	714651	80.755	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	326114	132.741	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1290928	80.566	ng	0.00
79) Terphenyl-d14	13.004	244	1638486	90.444	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	88381	34.606	ng	98
3) Pyridine	3.393	79	231251	31.755	ng	100
4) n-Nitrosodimethylamine	3.369	42	142702	43.312	ng	94
6) Aniline	6.516	93	209999	23.124	ng	96
8) 2-Chlorophenol	6.640	128	271217	46.204	ng	96
9) Benzaldehyde	6.398	77	98290	20.673	ng	98
10) Phenol	6.504	94	370665	42.205	ng	93
11) bis(2-Chloroethyl)ether	6.592	93	308699	49.118	ng	97
12) 1,3-Dichlorobenzene	6.792	146	291305	43.902	ng	95
13) 1,4-Dichlorobenzene	6.869	146	293144	43.220	ng	99
14) 1,2-Dichlorobenzene	7.022	146	280568	44.181	ng	99
15) Benzyl Alcohol	7.004	79	216707	32.984	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	375746	46.887	ng	94
17) 2-Methylphenol	7.116	107	241509	43.582	ng	93
18) Hexachloroethane	7.363	117	121797	45.300	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	237787	44.822	ng	98
20) 3+4-Methylphenols	7.269	107	306563	42.984	ng	98
22) Acetophenone	7.269	105	441559	42.117	ng	# 93
24) Nitrobenzene	7.445	77	365805	40.660	ng	99
25) Isophorone	7.681	82	668481	44.480	ng	98
26) 2-Nitrophenol	7.757	139	147621	41.985	ng	93
27) 2,4-Dimethylphenol	7.798	122	246249	49.173	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	376020	47.116	ng	99
29) 2,4-Dichlorophenol	8.004	162	252220	41.720	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	289890	40.789	ng	99
31) Naphthalene	8.163	128	791525	40.342	ng	100
32) Benzoic acid	7.951	122	178335	44.488	ng	97
33) 4-Chloroaniline	8.216	127	105115	13.737	ng	97
34) Hexachlorobutadiene	8.275	225	198632	41.540	ng	99
35) Caprolactam	8.610	113	73074m	40.087	ng	
36) 4-Chloro-3-methylphenol	8.710	107	296831	42.981	ng	99
37) 2-Methylnaphthalene	8.863	142	549041	41.024	ng	100
38) 1-Methylnaphthalene	8.963	142	514100	39.661	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	316349	41.195	ng	99
41) Hexachlorocyclopentadiene	9.010	237	367425	105.607	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	197535	39.377	ng	98

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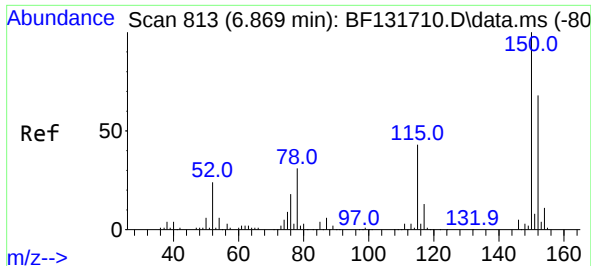
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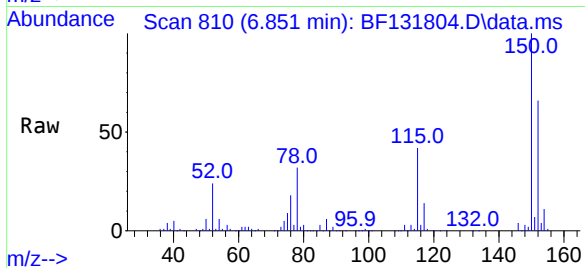
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	212700m	39.167	ng	
46) 1,1'-Biphenyl	9.333	154	699098	41.407	ng	98
47) 2-Chloronaphthalene	9.357	162	554318	40.095	ng	99
48) 2-Nitroaniline	9.457	65	195630	39.260	ng	92
49) Acenaphthylene	9.775	152	827914	39.926	ng	100
50) Dimethylphthalate	9.639	163	691262	40.929	ng	100
51) 2,6-Dinitrotoluene	9.704	165	147518	40.621	ng	98
52) Acenaphthene	9.945	154	500562	39.406	ng	97
53) 3-Nitroaniline	9.875	138	82570	22.221	ng	95
54) 2,4-Dinitrophenol	9.986	184	187614	86.219	ng	93
55) Dibenzofuran	10.122	168	766221	39.337	ng	99
56) 4-Nitrophenol	10.051	139	188860	71.012	ng	94
57) 2,4-Dinitrotoluene	10.110	165	202822	41.562	ng	89
58) Fluorene	10.469	166	618902	39.299	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	172240m	37.991	ng	
60) Diethylphthalate	10.345	149	682989	41.969	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	348963	41.691	ng	97
62) 4-Nitroaniline	10.504	138	122320	32.708	ng	99
63) Azobenzene	10.616	77	727382	40.702	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	124948	43.342	ng	99
66) n-Nitrosodiphenylamine	10.580	169	537953	41.313	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	212108	42.770	ng	99
68) Hexachlorobenzene	11.016	284	228696	41.930	ng	# 89
69) Atrazine	11.110	200	123278	28.401	ng	100
70) Pentachlorophenol	11.216	266	242499	83.768	ng	98
71) Phenanthrene	11.433	178	923938	40.353	ng	99
72) Anthracene	11.486	178	930957	41.526	ng	99
73) Carbazole	11.645	167	787854	40.619	ng	99
74) Di-n-butylphthalate	11.969	149	1082979	44.841	ng	99
75) Fluoranthene	12.627	202	1028751	40.343	ng	98
77) Benzidine	12.751	184	46890	9.057	ng	98
78) Pyrene	12.863	202	1025941	39.966	ng	100
80) Butylbenzylphthalate	13.480	149	424355	46.870	ng	99
81) Benzo(a)anthracene	14.057	228	811070	39.886	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	175113	30.845	ng	# 98
83) Chrysene	14.098	228	767653	39.997	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	586966	54.369	ng	100
85) Di-n-octyl phthalate	14.663	149	842023	55.873	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	533315	43.137	ng	99
88) Benzo(b)fluoranthene	15.127	252	597204	45.860	ng	98
89) Benzo(k)fluoranthene	15.157	252	575579m	45.296	ng	
90) Benzo(a)pyrene	15.504	252	484934	47.012	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	470039	46.005	ng	99
92) Benzo(g,h,i)perylene	17.545	276	440776	43.647	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

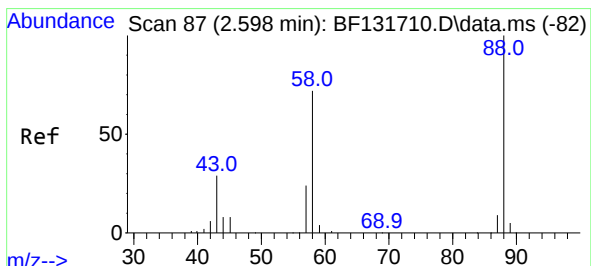
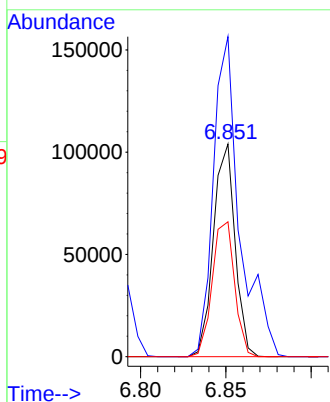
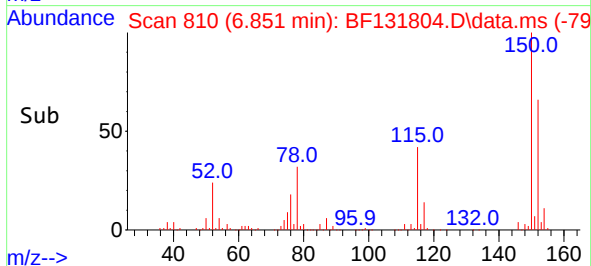
Instrument :
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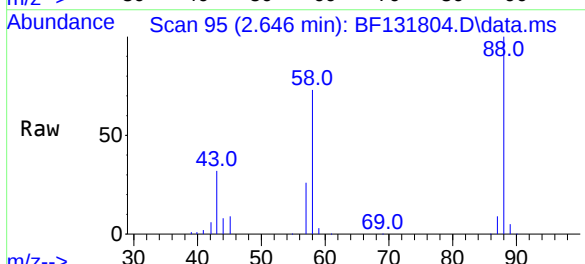
Tgt Ion:152 Resp: 9202
Ion Ratio Lower Upper
152 100
150 150.4 117.4 176.0
115 63.4 50.2 75.4

Manual Integrations
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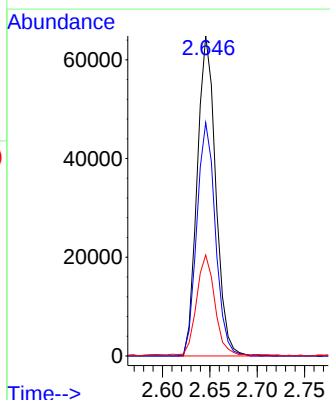
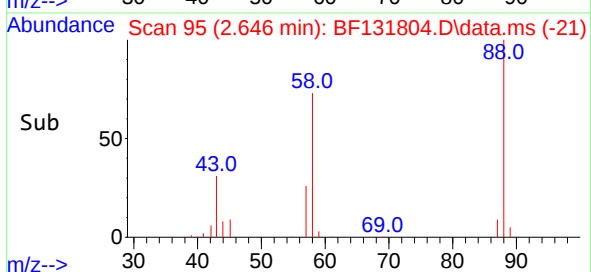
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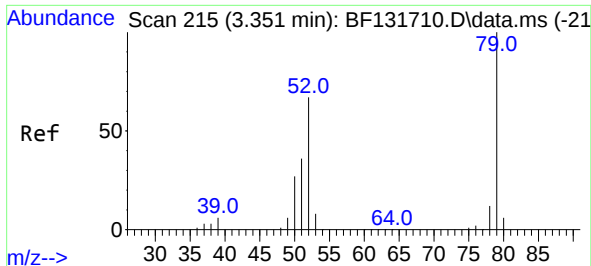


#2
1,4-Dioxane
Concen: 34.606 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.082 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion: 88 Resp: 88381
Ion Ratio Lower Upper
88 100
58 73.0 57.5 86.3
43 30.6 23.3 34.9





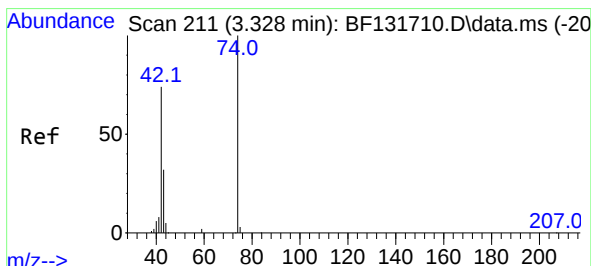
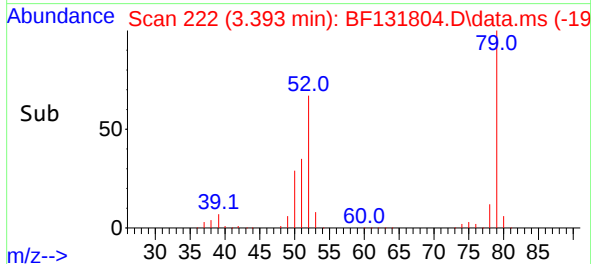
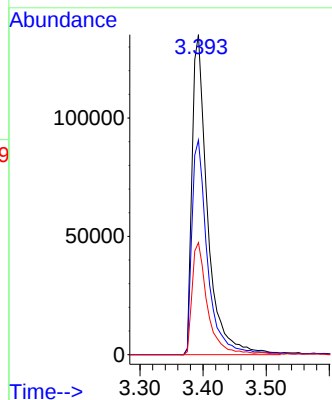
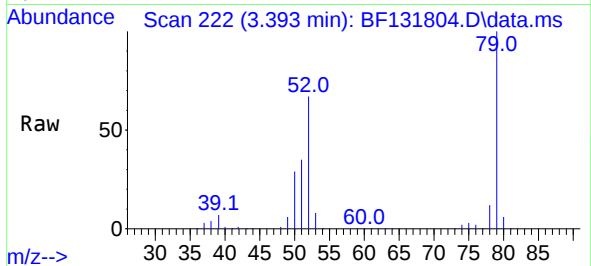
#3
Pyridine
Concen: 31.755 ng
RT: 3.393 min Scan# 215
Delta R.T. 0.077 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

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BNA_F
ClientSampleId :
PB149851BSD

Tgt Ion: 79 Resp: 23125
Ion Ratio Lower Upper
79 100
52 67.1 53.7 80.5
51 35.0 28.6 42.8

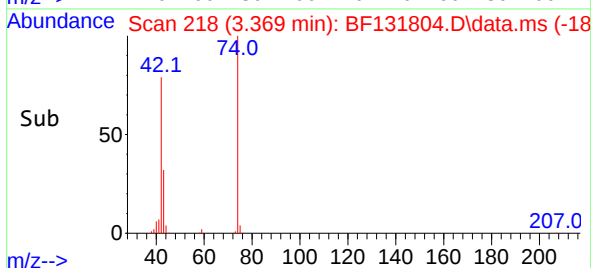
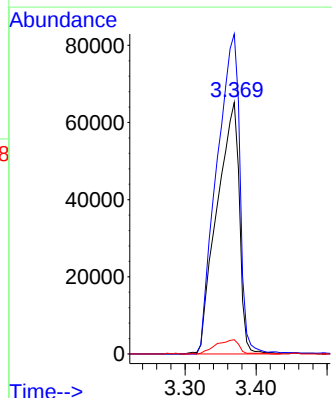
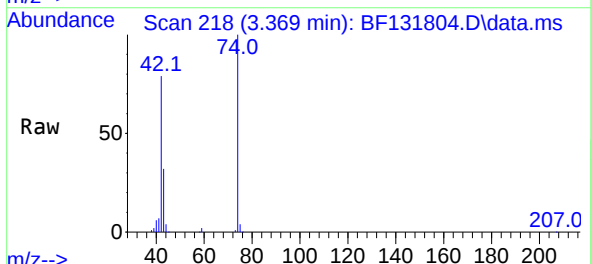
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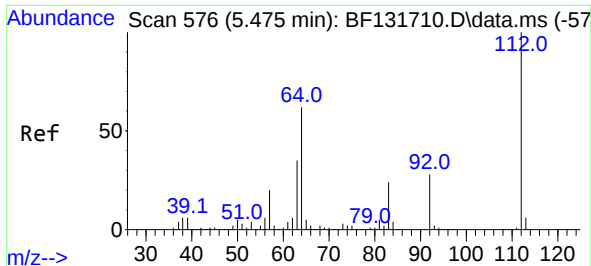
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#4
n-Nitrosodimethylamine
Concen: 43.312 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.077 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

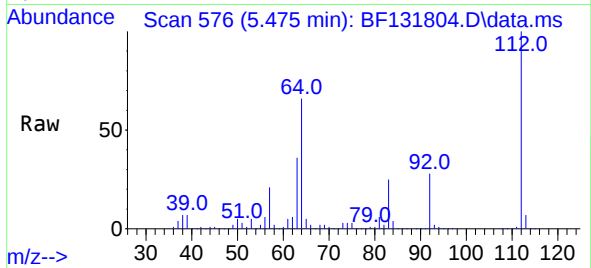
Tgt Ion: 42 Resp: 142702
Ion Ratio Lower Upper
42 100
74 127.2 107.8 161.8
44 5.7 5.5 8.3





#5
2-Fluorophenol
Concen: 142.935 ng
RT: 5.475 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

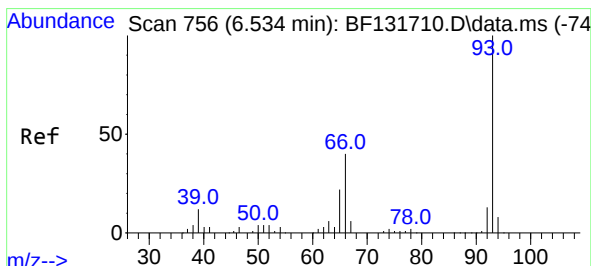
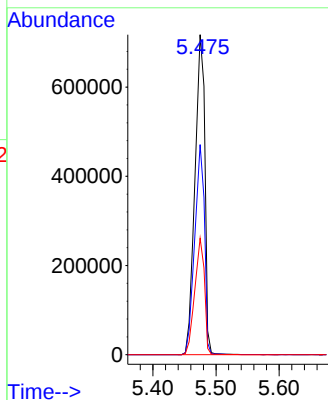
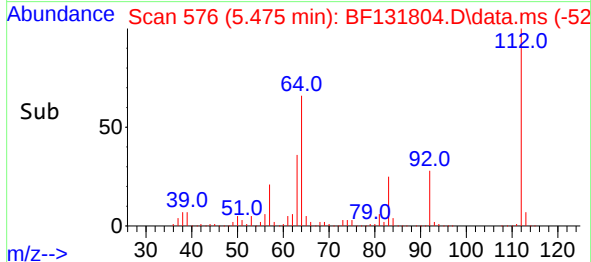
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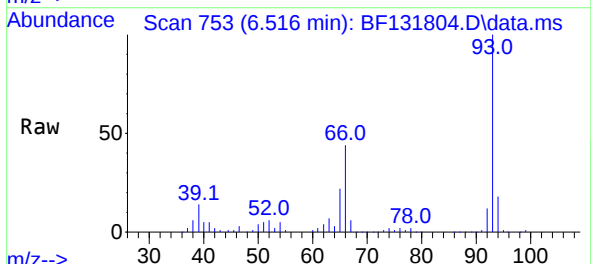
Tgt Ion:112 Resp: 78116
Ion Ratio Lower Upper
112 100
64 65.6 49.5 74.3
63 36.4 28.2 42.2

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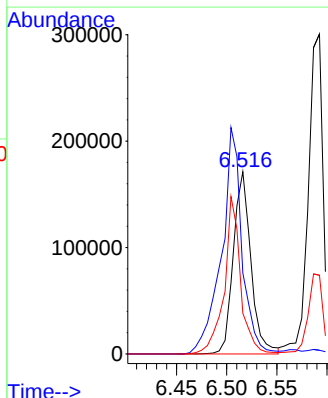
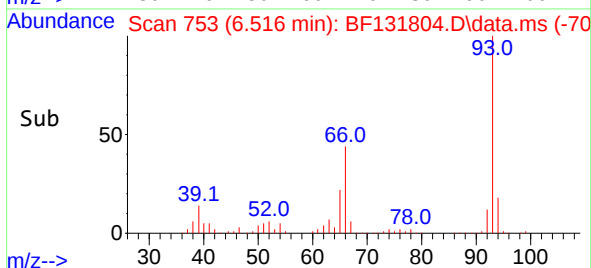
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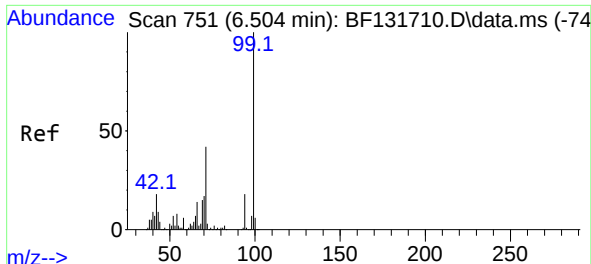


#6
Aniline
Concen: 23.124 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



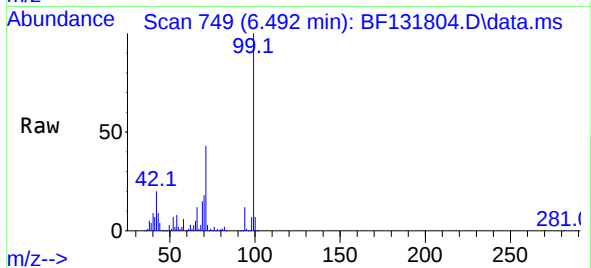
Tgt Ion: 93 Resp: 209999
Ion Ratio Lower Upper
93 100
66 44.4 32.8 49.2
65 22.3 17.4 26.2





#7
Phenol-d6
Concen: 136.899 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

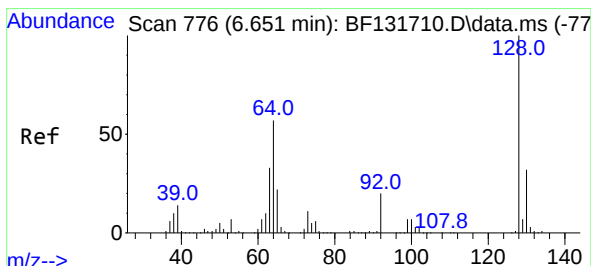
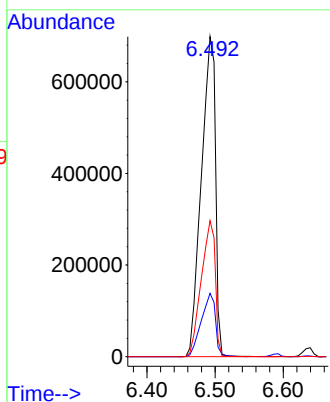
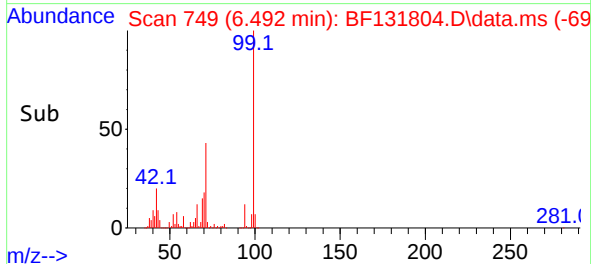
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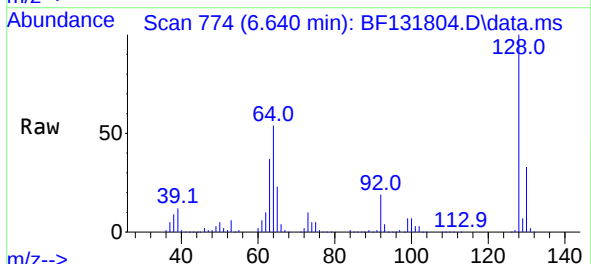
Tgt Ion: 99 Resp: 1007020
Ion Ratio Lower Upper
99 100
42 19.8 14.8 22.2
71 42.5 33.8 50.6

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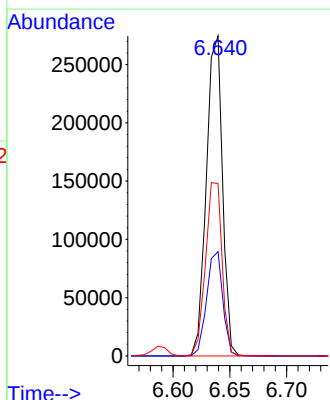
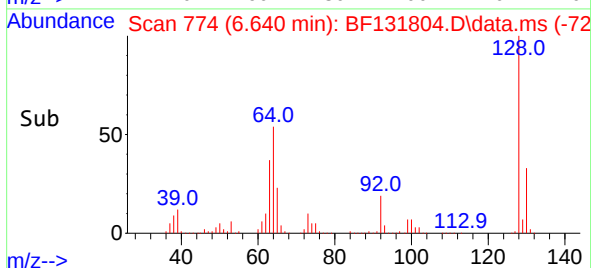
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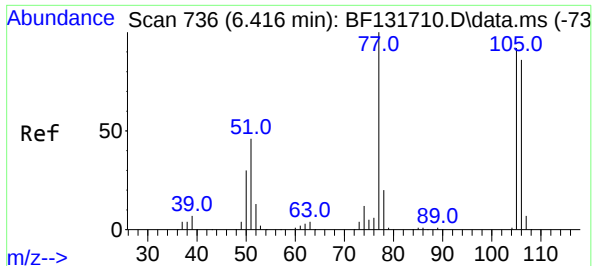


#8
2-Chlorophenol
Concen: 46.204 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:128 Resp: 271217
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 53.9 37.7 77.7





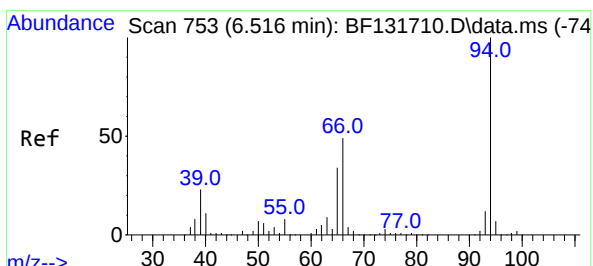
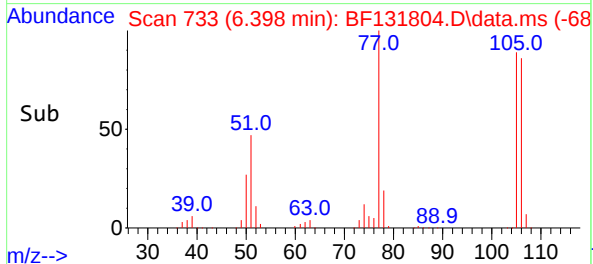
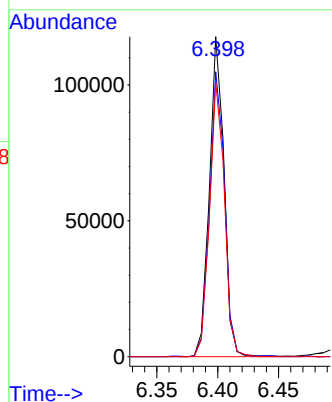
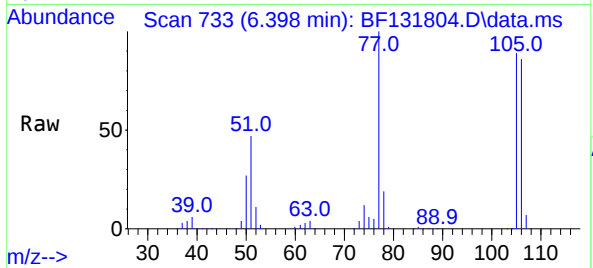
#9
Benzaldehyde
Concen: 20.673 ng
RT: 6.398 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :
BNA_F
ClientSampleId :
PB149851BSD

Tgt Ion: 77 Resp: 98290
Ion Ratio Lower Upper
77 100
105 89.1 72.4 112.4
106 85.9 66.5 106.5

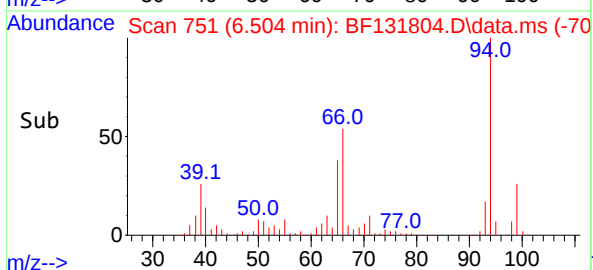
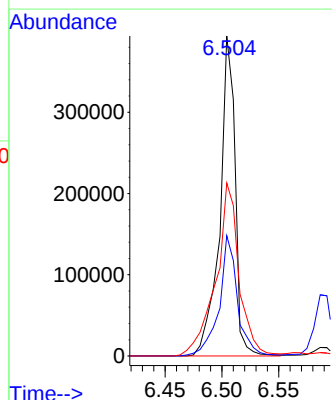
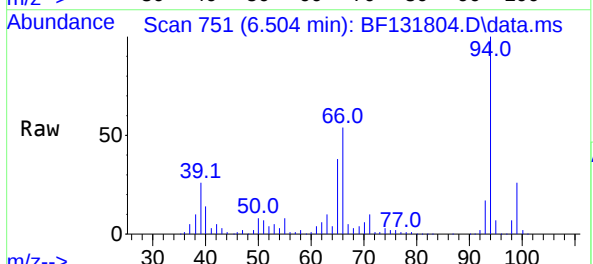
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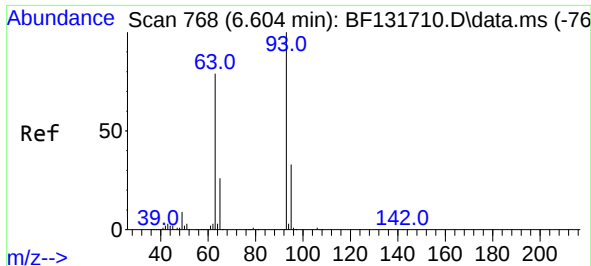
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#10
Phenol
Concen: 42.205 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Tgt Ion: 94 Resp: 370665
Ion Ratio Lower Upper
94 100
65 37.6 14.0 54.0
66 54.0 28.8 68.8





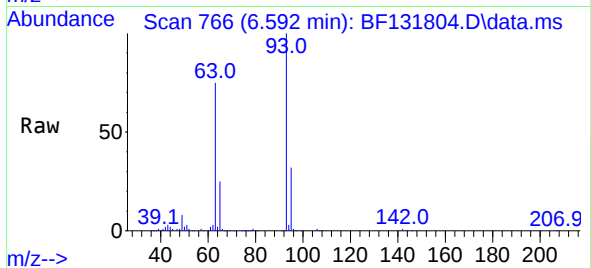
#11
bis(2-Chloroethyl)ether
Concen: 49.118 ng
RT: 6.592 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

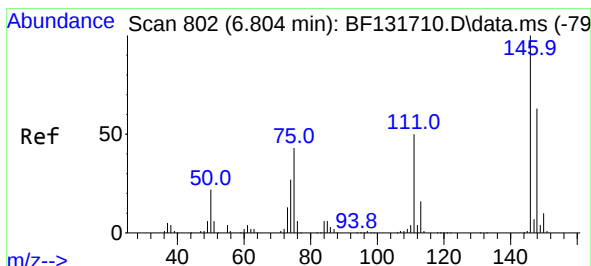
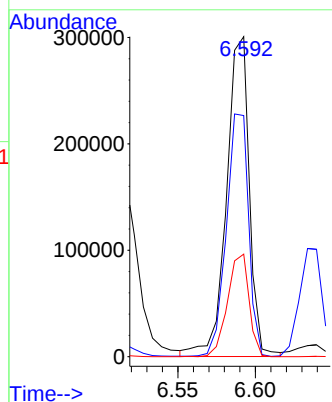
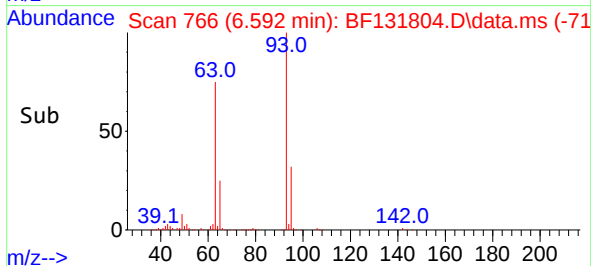


Tgt Ion: 93 Resp: 308699
Ion Ratio Lower Upper
93 100
63 75.4 59.0 99.0
95 32.0 12.6 52.6

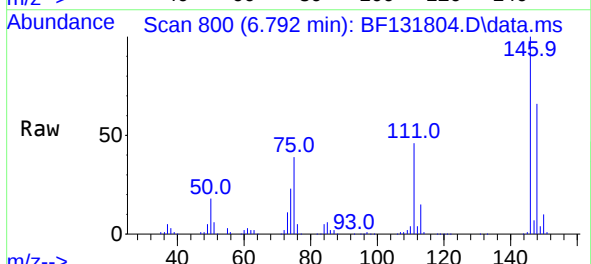
Manual Integrations

APPROVED

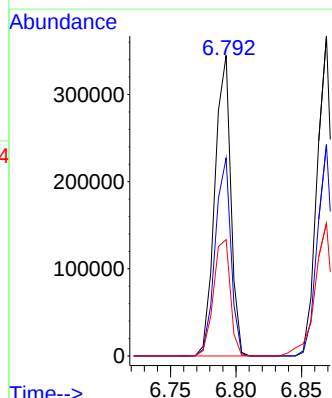
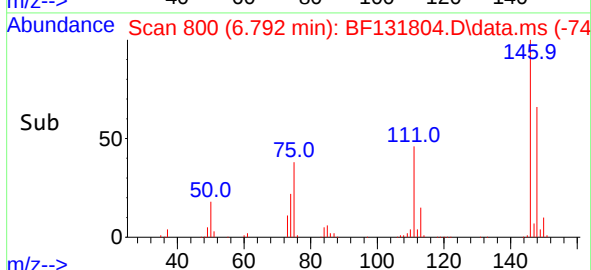
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

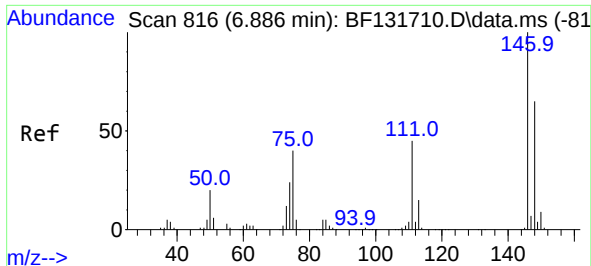


#12
1,3-Dichlorobenzene
Concen: 43.902 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:146 Resp: 291305
Ion Ratio Lower Upper
146 100
148 65.8 50.6 76.0
75 38.7 34.3 51.5





#13

1,4-Dichlorobenzene

Concen: 43.220 ng

RT: 6.869 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

Tgt Ion:146 Resp: 293144

Ion Ratio Lower Upper

146 100

148 66.0 52.2 78.4

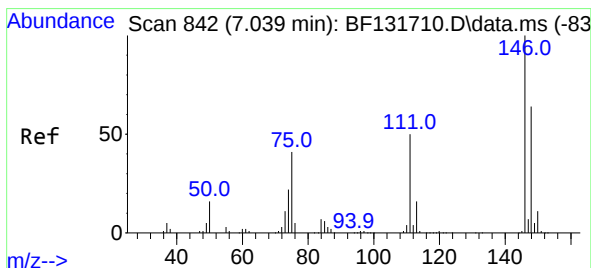
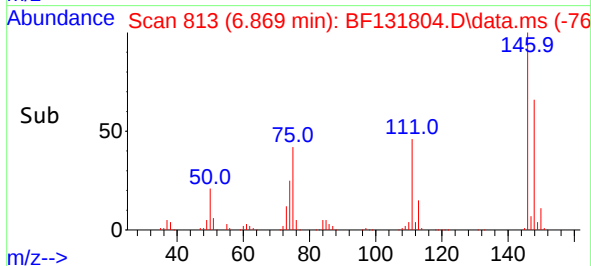
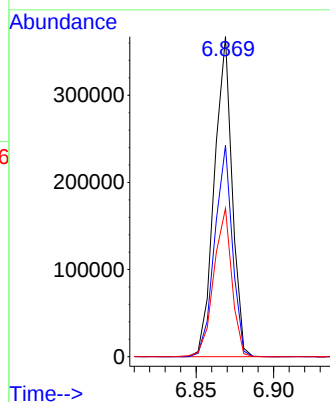
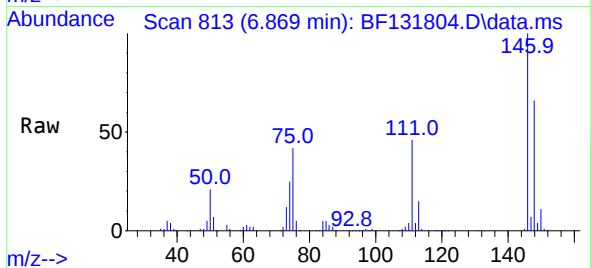
111 46.4 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#14

1,2-Dichlorobenzene

Concen: 44.181 ng

RT: 7.022 min Scan# 839

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

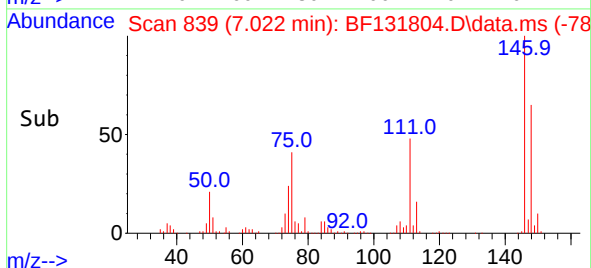
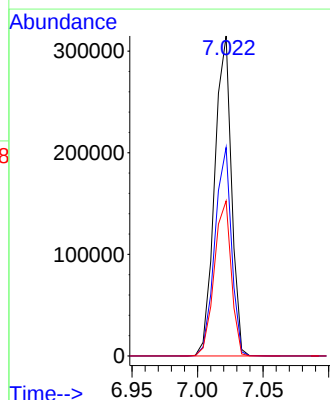
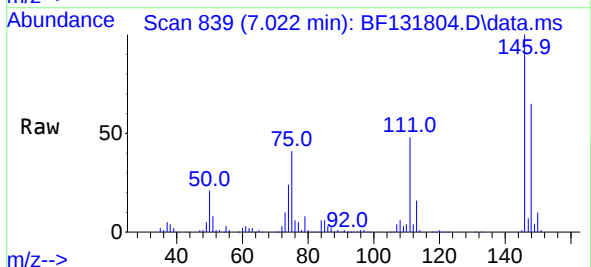
Tgt Ion:146 Resp: 280568

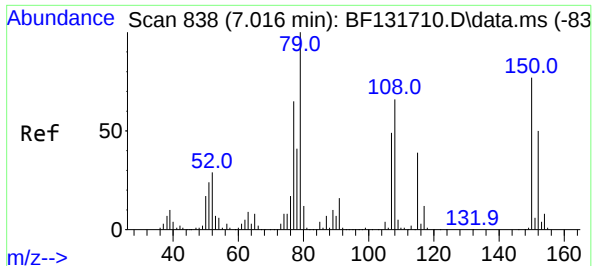
Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.0

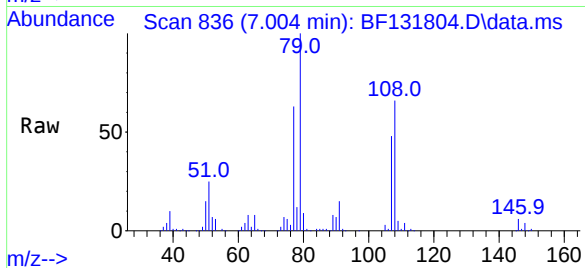
111 48.5 39.8 59.6





#15
Benzyl Alcohol
Concen: 32.984 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

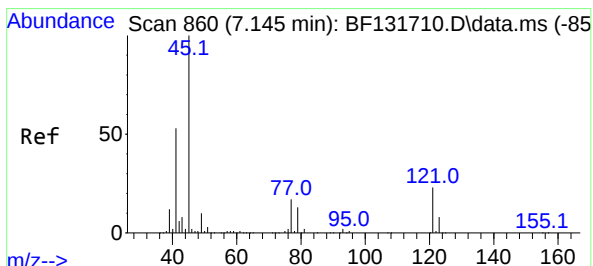
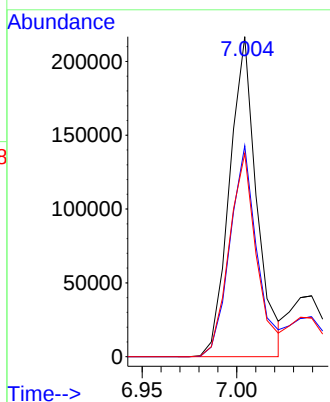
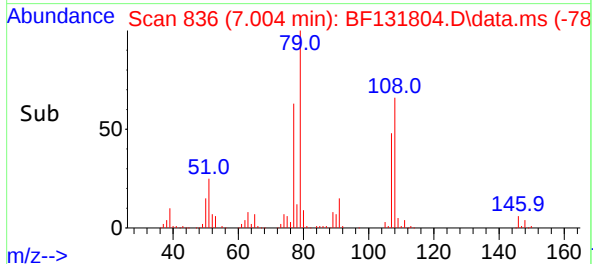
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



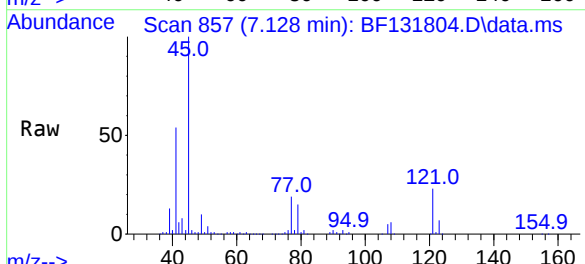
Tgt Ion: 79 Resp: 21670
Ion Ratio Lower Upper
79 100
108 65.9 52.6 78.8
77 63.5 51.7 77.5

Manual Integrations
APPROVED

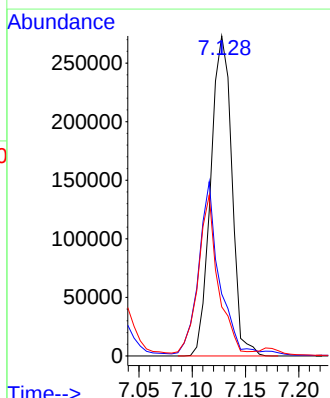
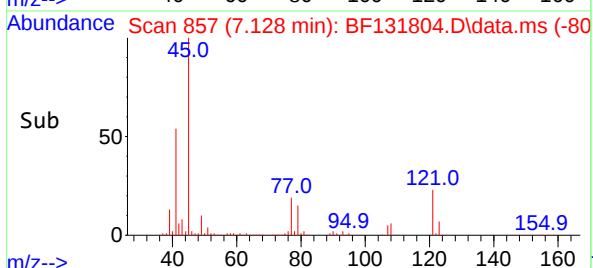
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

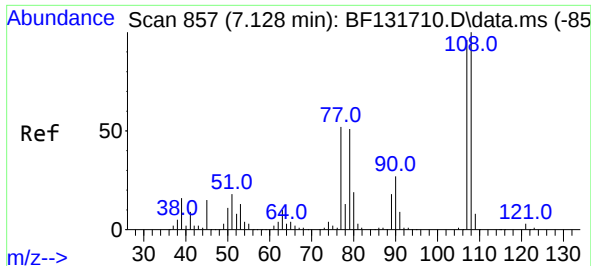


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.887 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion: 45 Resp: 375746
Ion Ratio Lower Upper
45 100
77 19.3 0.0 36.8
79 15.4 0.0 33.1





#17
2-Methylphenol
Concen: 43.582 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

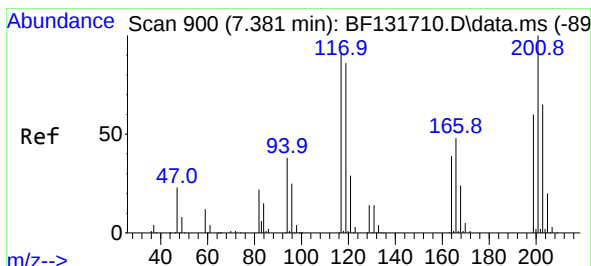
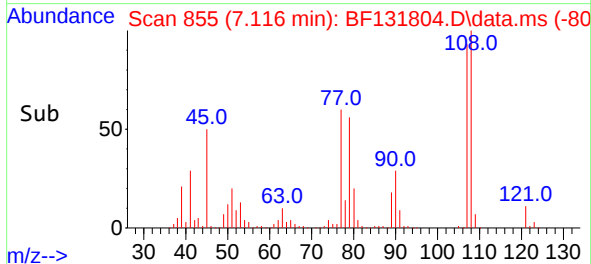
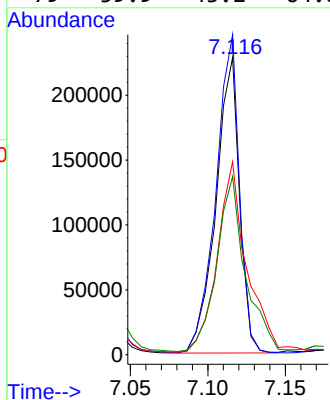
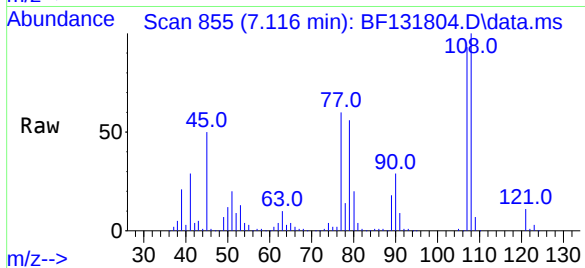
PB149851BSD

Tgt Ion:107 Resp: 241509
Ion Ratio Lower Upper
107 100
108 107.6 83.8 125.6
77 64.9 43.8 65.8
79 59.9 43.2 64.8

Manual Integrations

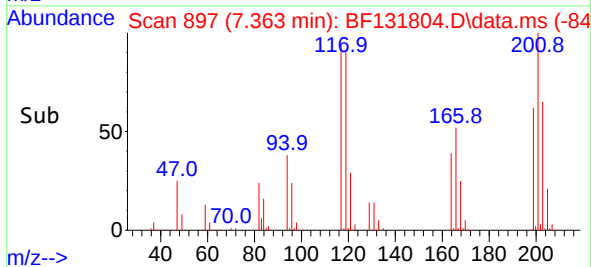
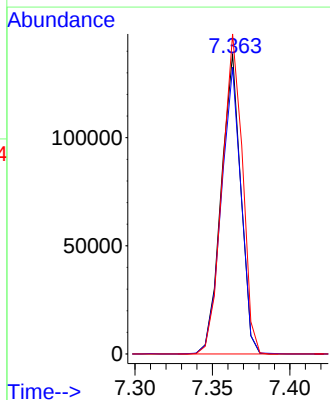
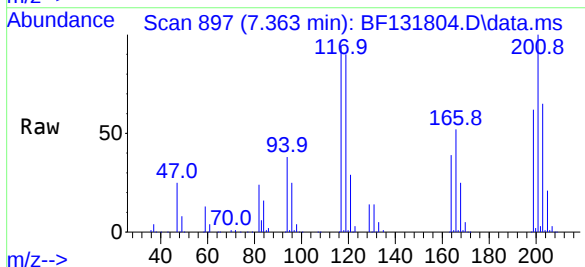
APPROVED

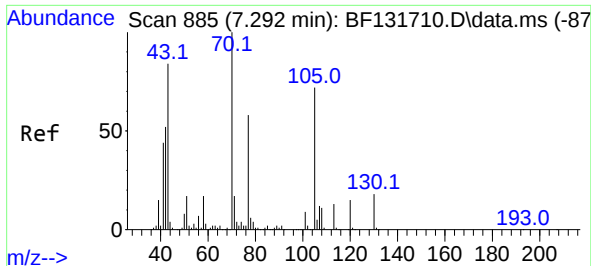
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#18
Hexachloroethane
Concen: 45.300 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Tgt Ion:117 Resp: 121797
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 106.5 88.2 132.4





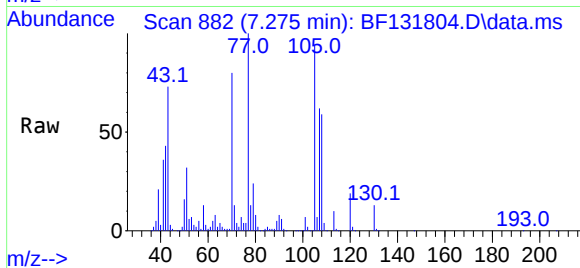
#19
n-Nitroso-di-n-propylamine
Concen: 44.822 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

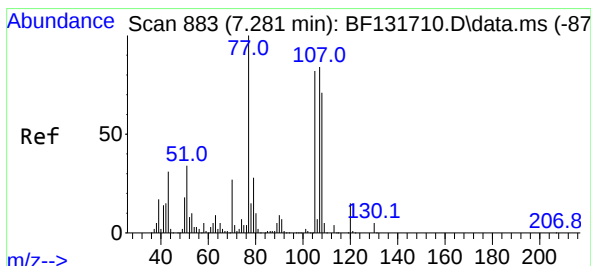
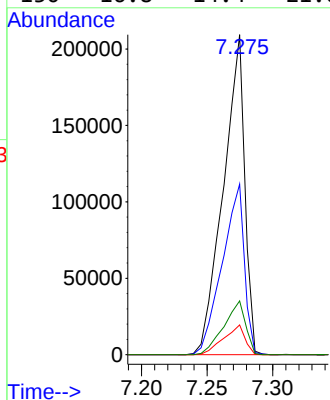
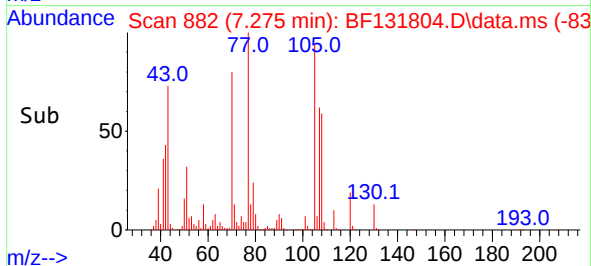


Tgt Ion: 70 Resp: 23778
Ion Ratio Lower Upper
70 100
42 53.3 41.5 62.3
101 9.3 7.3 10.9
130 16.8 14.4 21.6

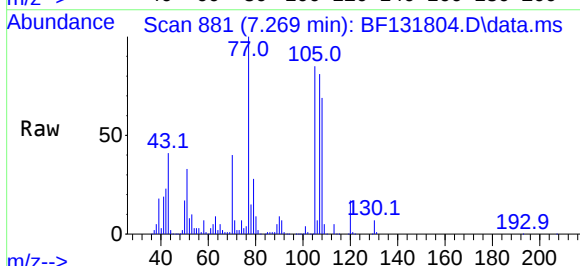
Manual Integrations

APPROVED

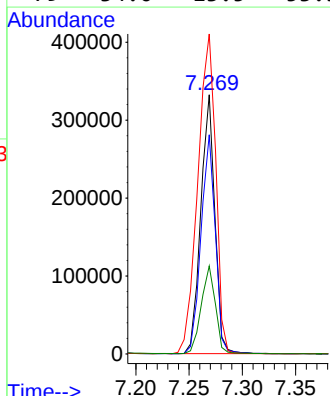
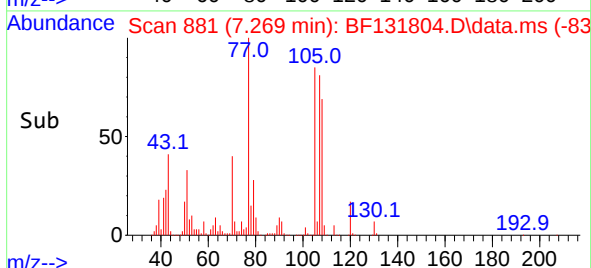
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

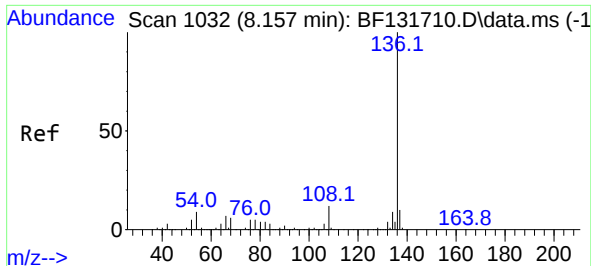


#20
3+4-Methylphenols
Concen: 42.984 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:107 Resp: 306563
Ion Ratio Lower Upper
107 100
108 84.6 65.2 105.2
77 123.4 99.6 139.6
79 34.0 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

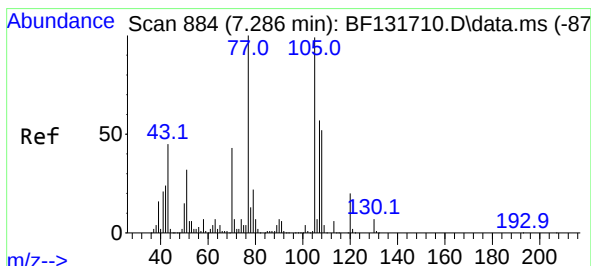
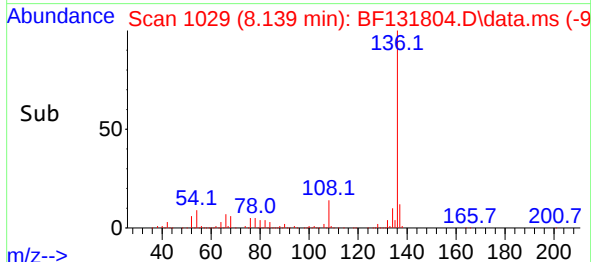
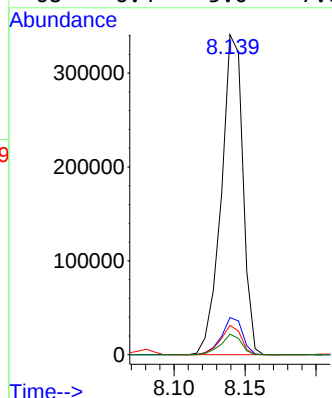
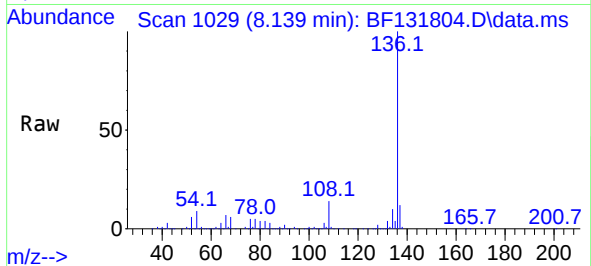
PB149851BSD

Tgt Ion:136 Resp: 359260
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 9.2 7.2 10.8
68 6.4 5.0 7.6

Manual Integrations

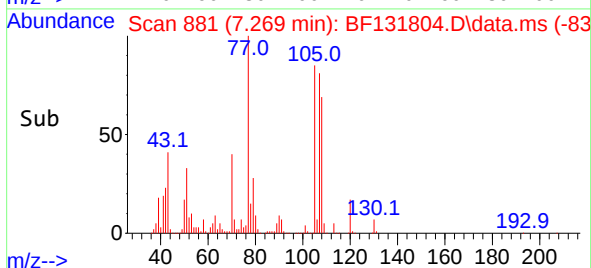
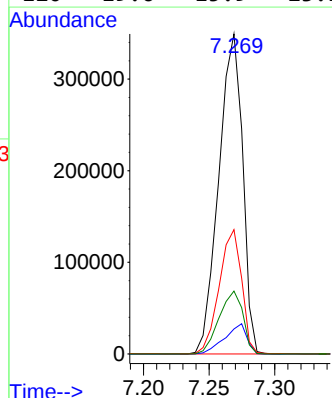
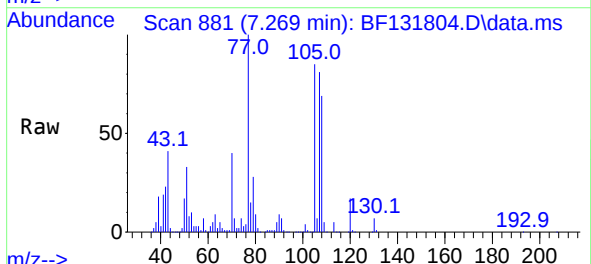
APPROVED

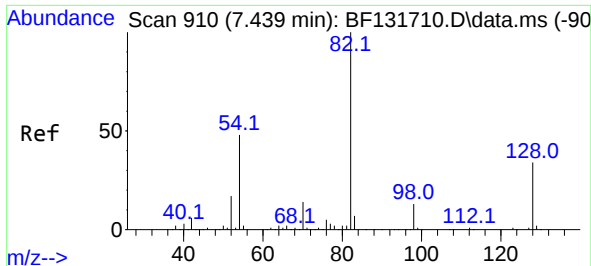
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#22
Acetophenone
Concen: 42.117 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Tgt Ion:105 Resp: 441559
Ion Ratio Lower Upper
105 100
71 7.8 5.5 8.3
51 38.9 25.5 38.3#
120 19.6 15.9 23.9





#23

Nitrobenzene-d5

Concen: 80.755 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

Tgt Ion: 82 Resp: 71465

Ion Ratio Lower Upper

82 100

128 36.3 27.3 40.9

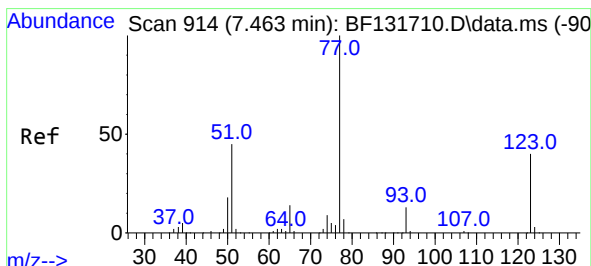
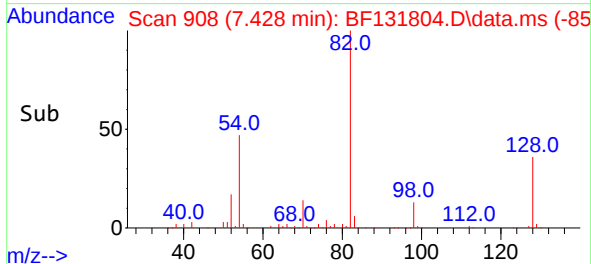
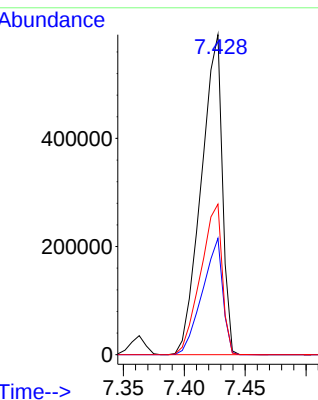
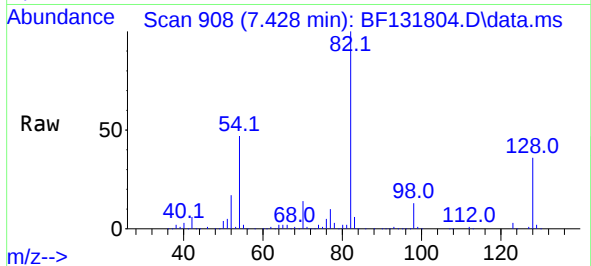
54 47.0 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#24

Nitrobenzene

Concen: 40.660 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

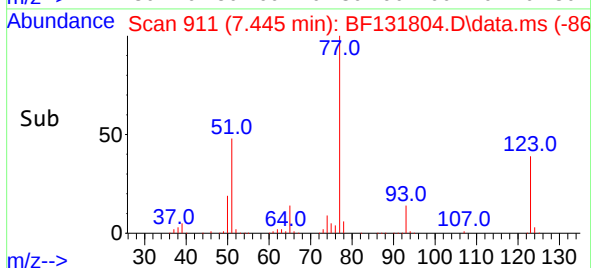
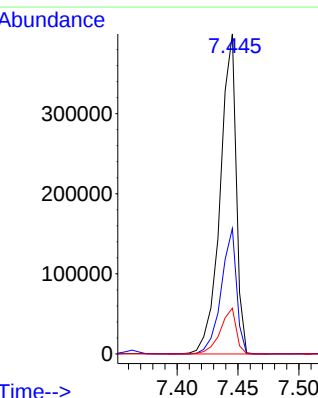
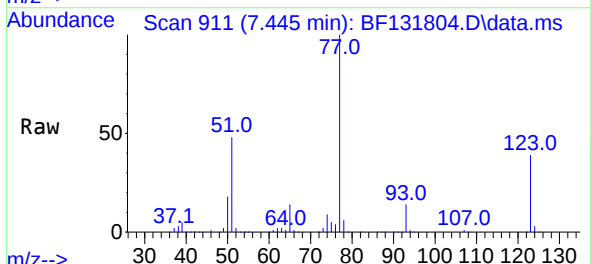
Tgt Ion: 77 Resp: 365805

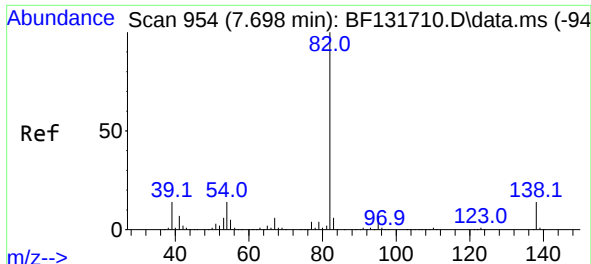
Ion Ratio Lower Upper

77 100

123 39.2 31.8 47.6

65 14.3 10.9 16.3





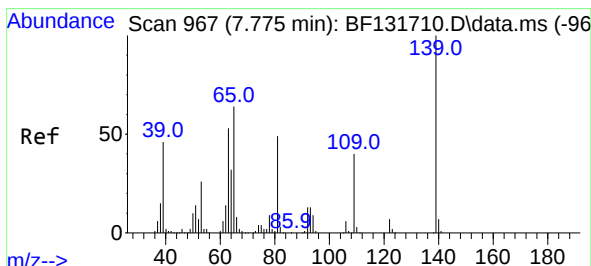
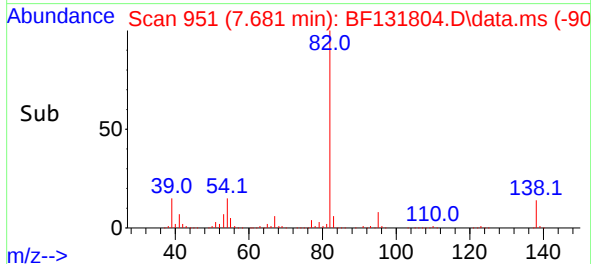
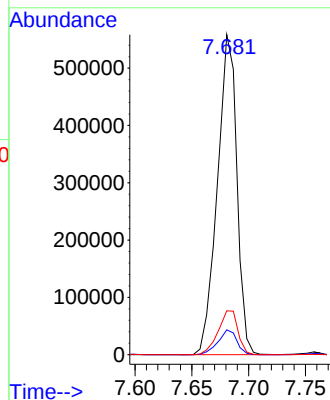
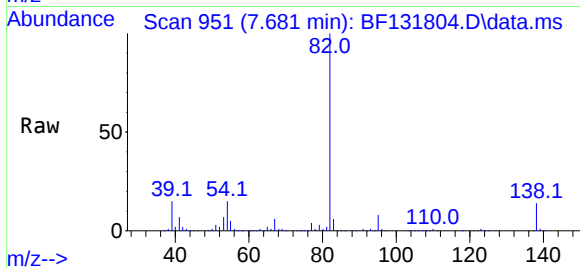
#25
Isophorone
Concen: 44.480 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :
BNA_F
ClientSampleId :
PB149851BSD

Tgt Ion: 82 Resp: 66848
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 13.7 11.6 17.4

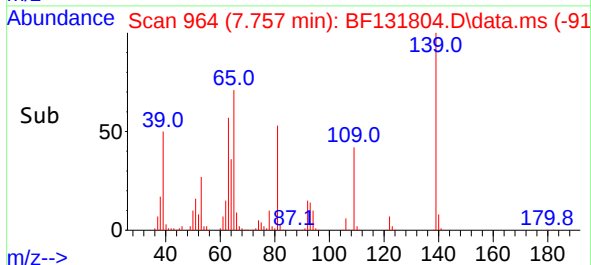
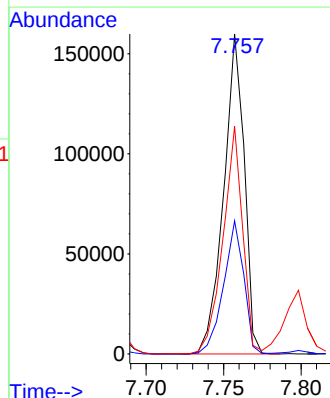
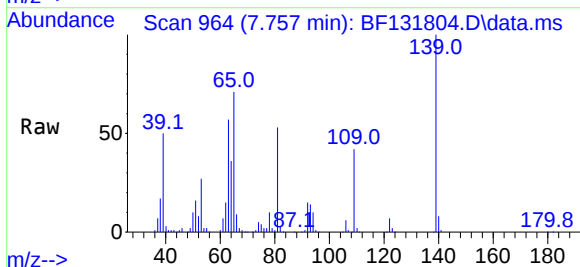
Manual Integrations
APPROVED

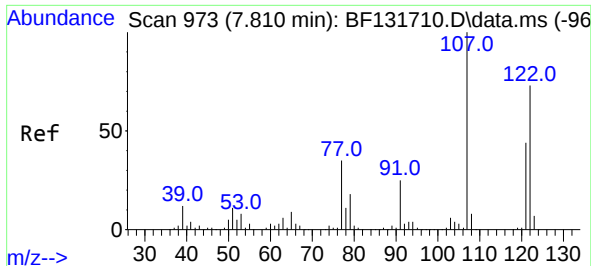
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#26
2-Nitrophenol
Concen: 41.985 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Tgt Ion:139 Resp: 147621
Ion Ratio Lower Upper
139 100
109 41.6 31.8 47.6
65 71.1 51.4 77.0





#27
2,4-Dimethylphenol
Concen: 49.173 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

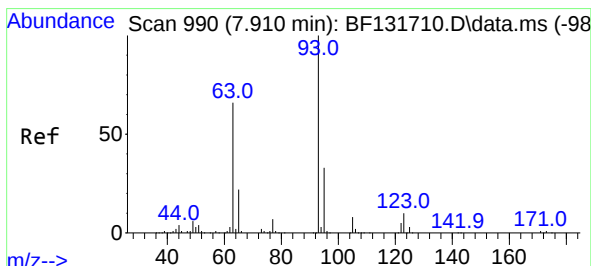
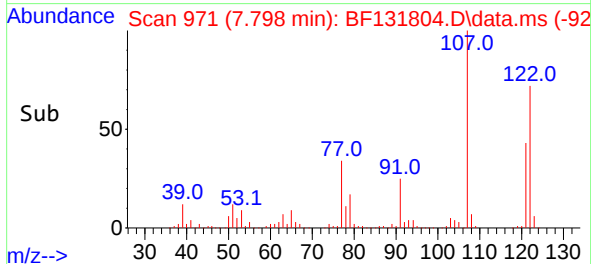
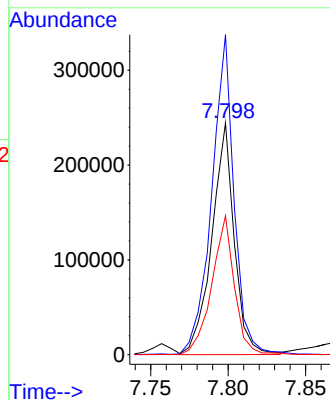
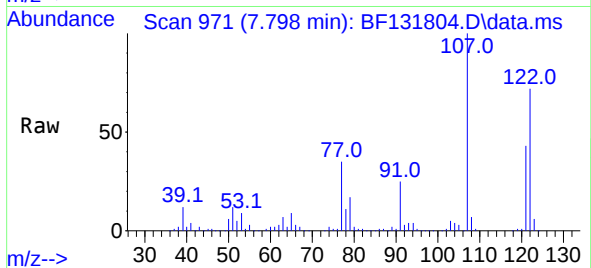
PB149851BSD

Tgt Ion:122 Resp: 246249
Ion Ratio Lower Upper
122 100
107 138.0 110.1 165.1
121 59.9 47.9 71.9

Manual Integrations

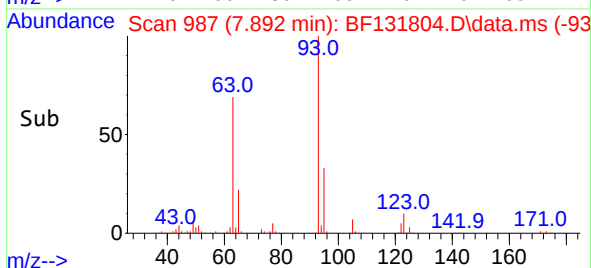
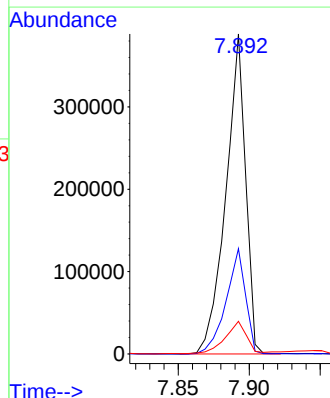
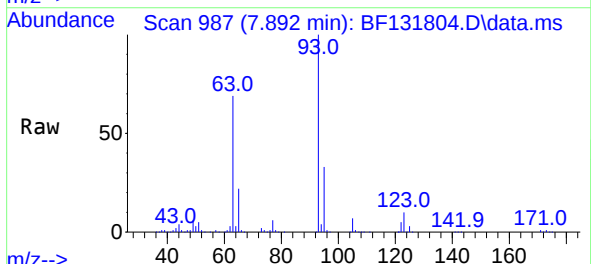
APPROVED

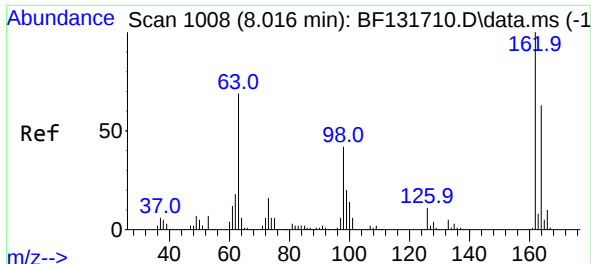
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#28
bis(2-Chloroethoxy)methane
Concen: 47.116 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Tgt Ion: 93 Resp: 376020
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 10.2 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 41.720 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

Tgt Ion:162 Resp: 252220

Ion Ratio Lower Upper

162 100

164 62.6 42.9 82.9

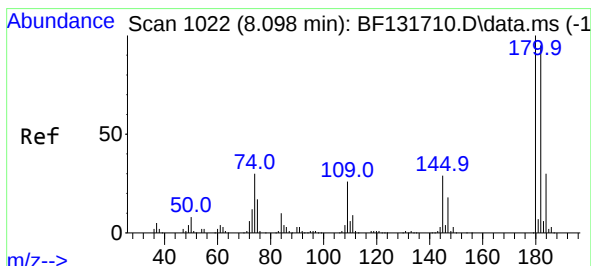
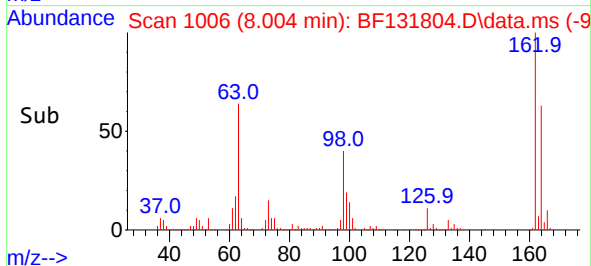
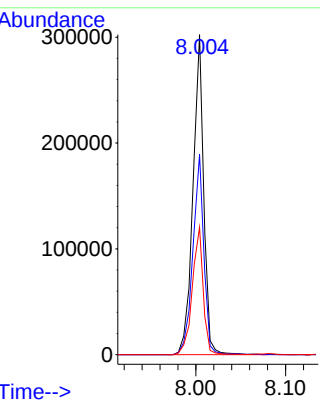
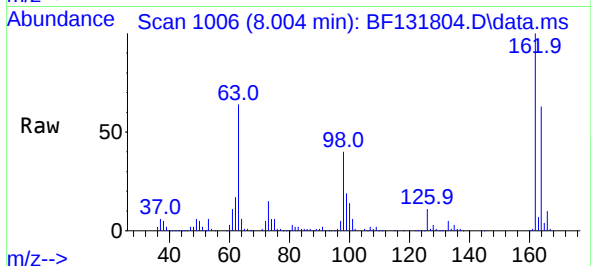
98 39.8 21.9 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.789 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

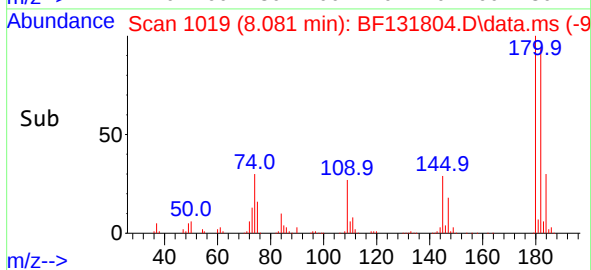
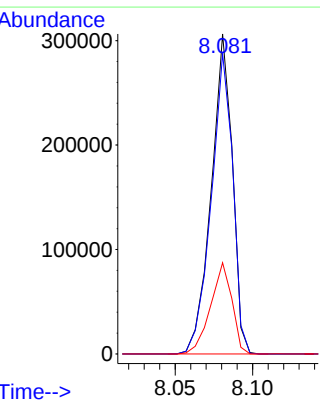
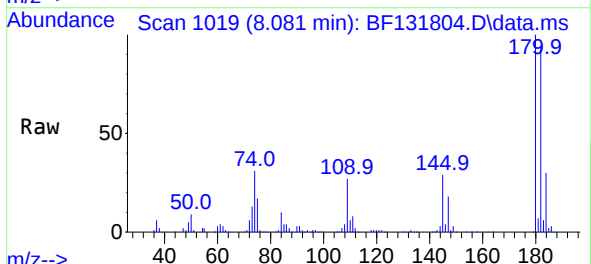
Tgt Ion:180 Resp: 289890

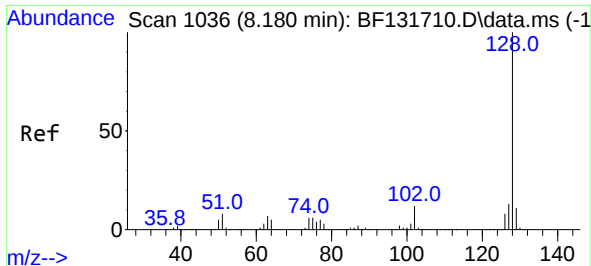
Ion Ratio Lower Upper

180 100

182 93.9 76.1 114.1

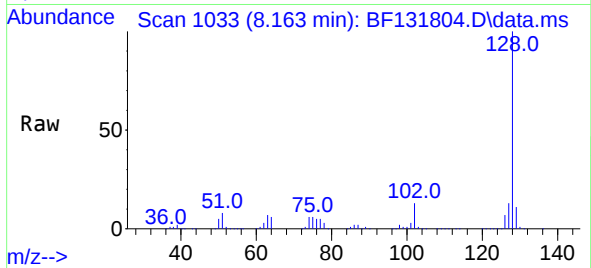
145 28.5 23.4 35.0





#31
Naphthalene
Concen: 40.342 ng
RT: 8.163 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

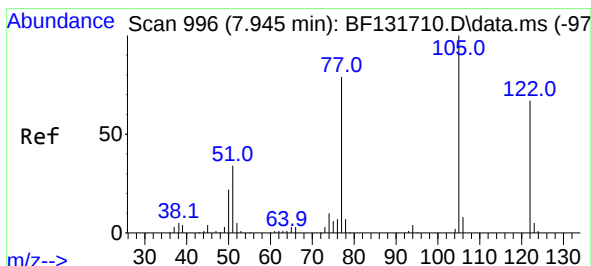
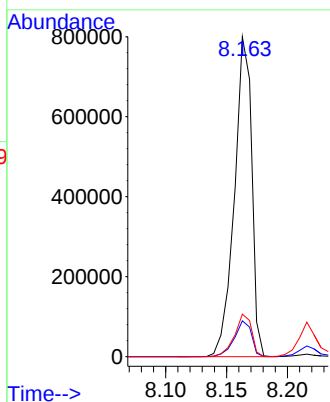
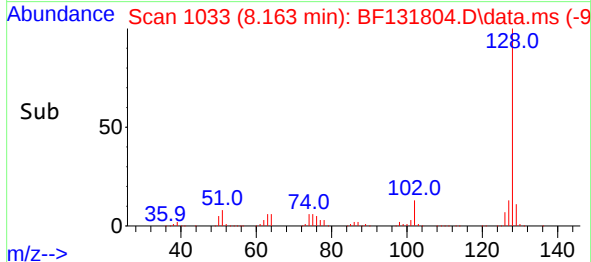
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



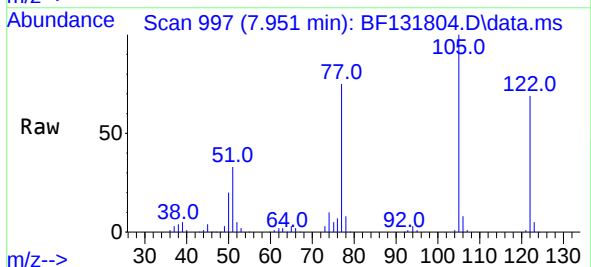
Tgt Ion:128 Resp: 791529
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations
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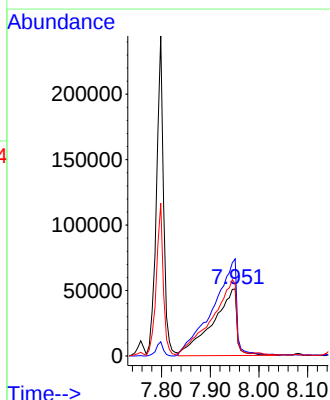
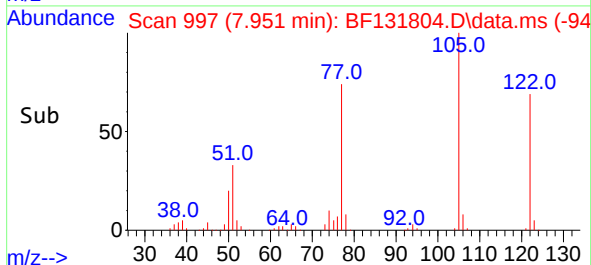
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

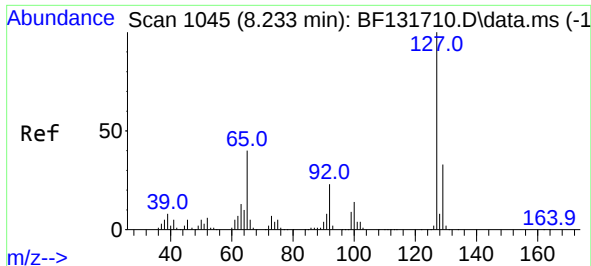


#32
Benzoic acid
Concen: 44.488 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:122 Resp: 178335
Ion Ratio Lower Upper
122 100
105 145.1 125.1 165.1
77 108.3 95.3 135.3





#33

4-Chloroaniline

Concen: 13.737 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

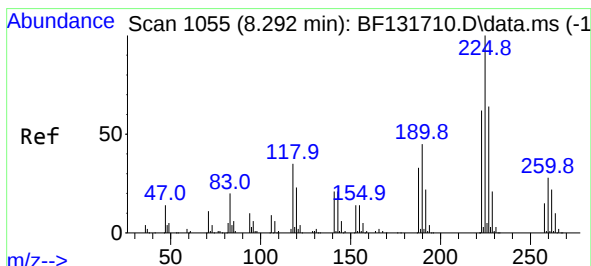
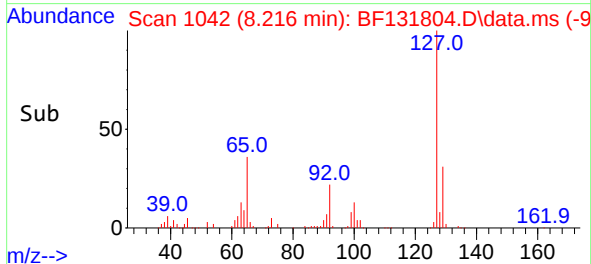
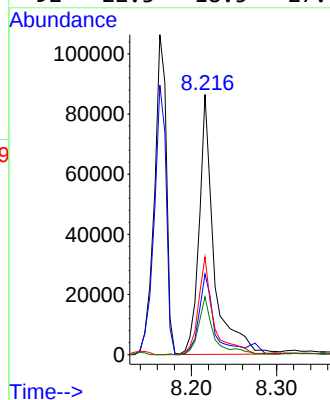
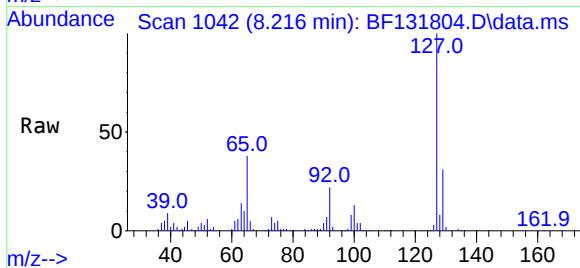
Tgt Ion:127 Resp: 10511

Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.1	39.1
65	37.6	31.8	47.6
92	22.3	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#34

Hexachlorobutadiene

Concen: 41.540 ng

RT: 8.275 min Scan# 1052

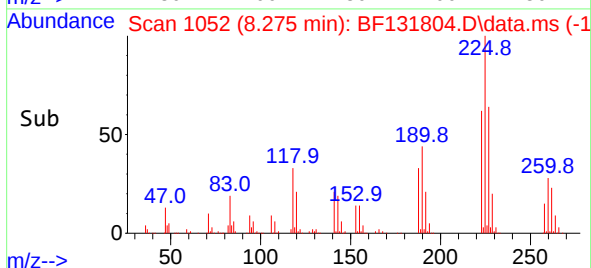
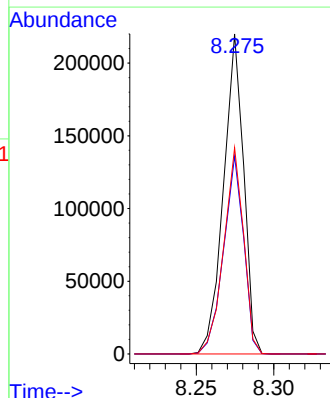
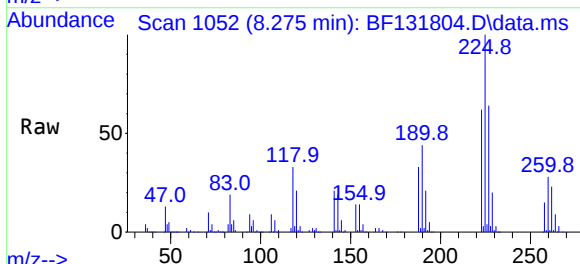
Delta R.T. 0.000 min

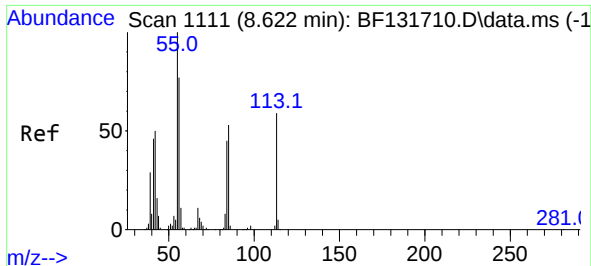
Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Tgt Ion:225 Resp: 198632

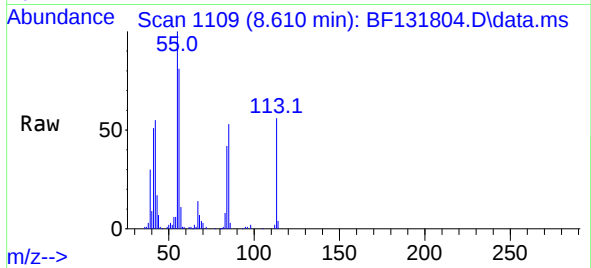
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	64.5	51.0	76.4





#35
Caprolactam
Concen: 40.087 ng m
RT: 8.610 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

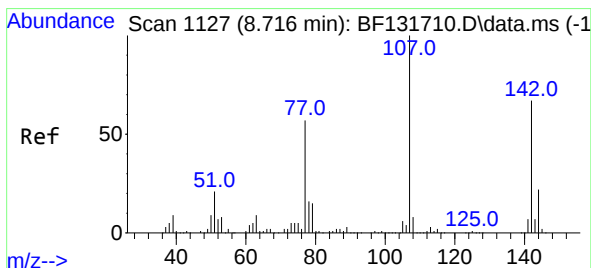
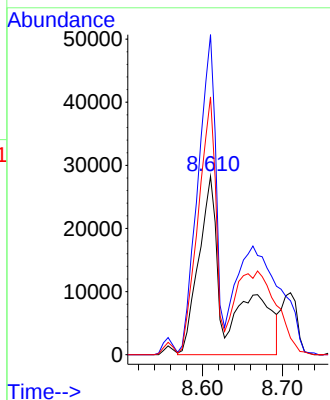
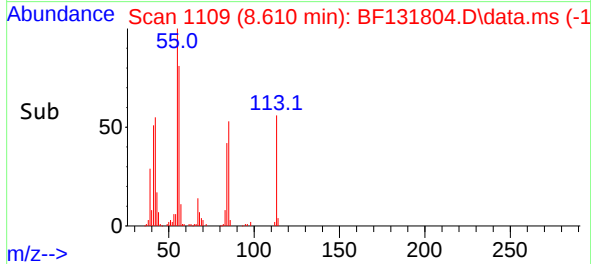
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



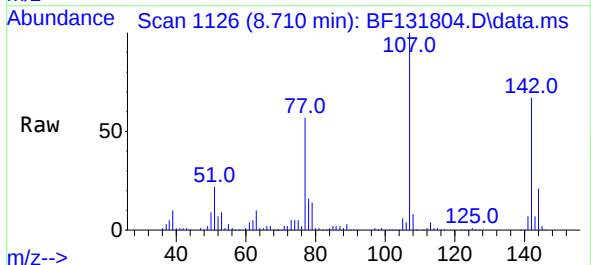
Tgt Ion:113 Resp: 73074
Ion Ratio Lower Upper
113 100
55 179.4 149.0 189.0
56 144.5 109.5 149.5

Manual Integrations
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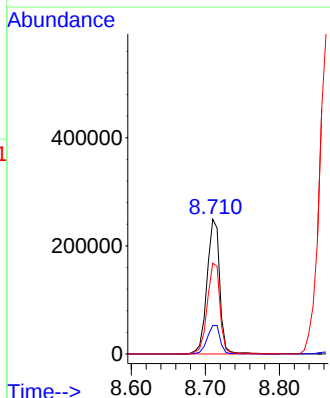
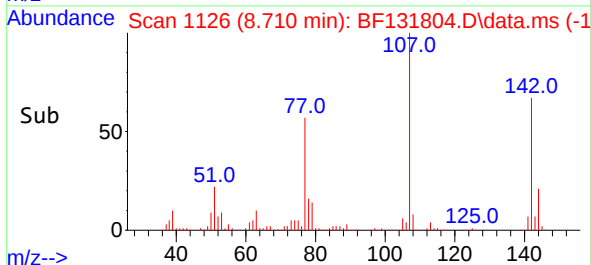
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

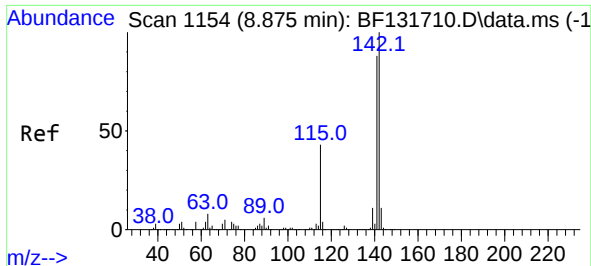


#36
4-Chloro-3-methylphenol
Concen: 42.981 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:107 Resp: 296831
Ion Ratio Lower Upper
107 100
144 21.1 17.5 26.3
142 67.3 53.4 80.0





#37

2-Methylnaphthalene

Concen: 41.024 ng

RT: 8.863 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

Tgt Ion:142 Resp: 54904

Ion Ratio Lower Upper

142 100

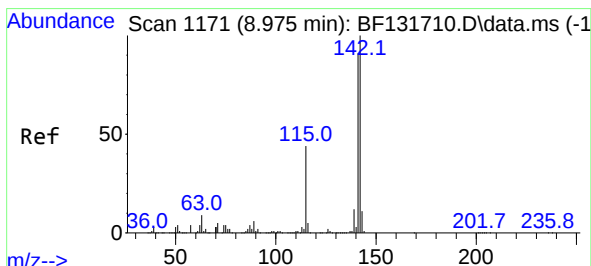
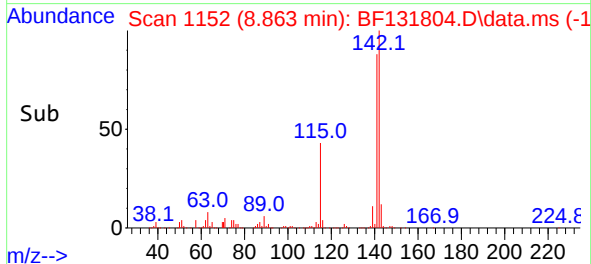
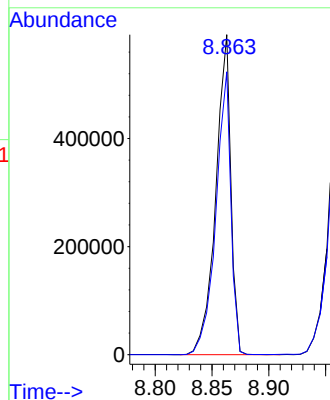
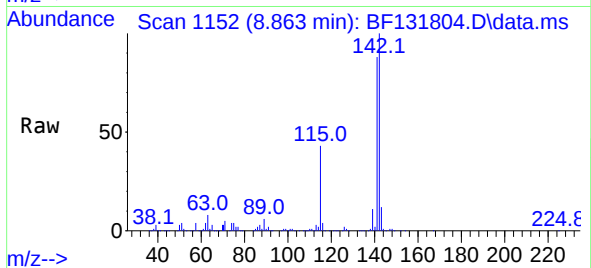
141 88.4 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#38

1-Methylnaphthalene

Concen: 39.661 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF131804.D

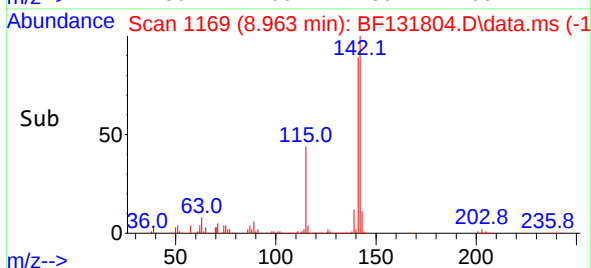
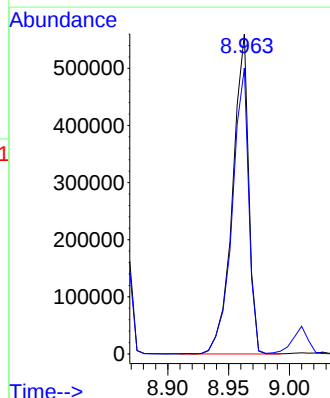
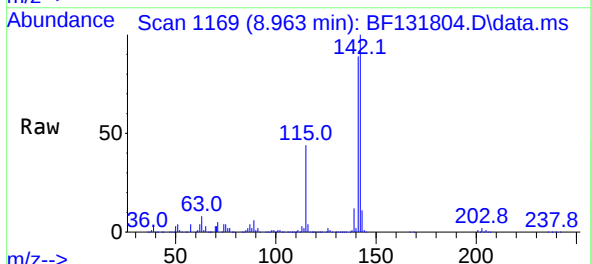
Acq: 23 Dec 2022 13:26

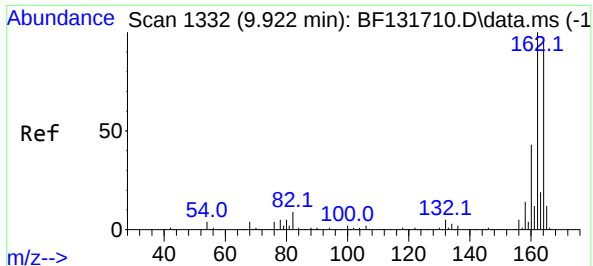
Tgt Ion:142 Resp: 514100

Ion Ratio Lower Upper

142 100

141 89.4 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF131804.D

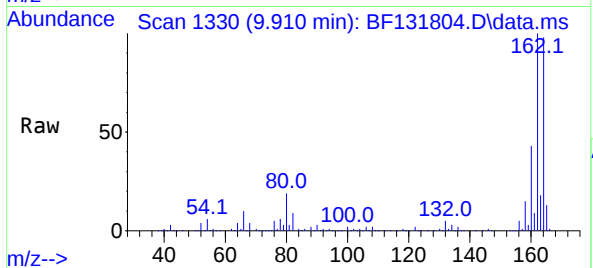
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD



Tgt Ion:164 Resp: 22445

Ion Ratio Lower Upper

164 100

162 101.5 83.7 125.5

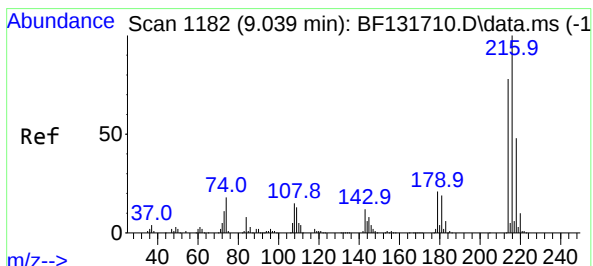
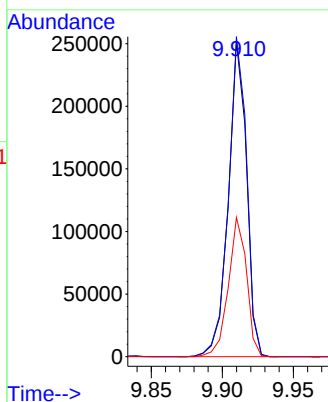
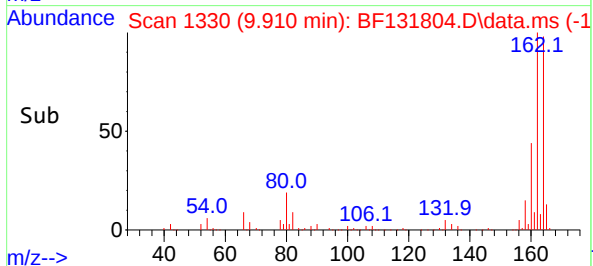
160 44.2 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.195 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Tgt Ion:216 Resp: 316349

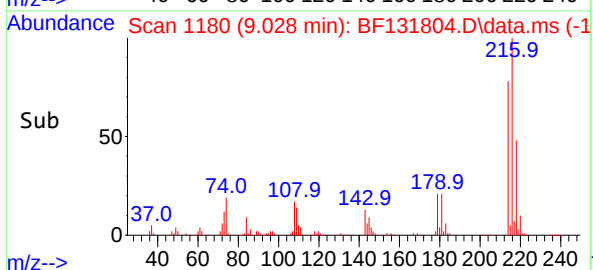
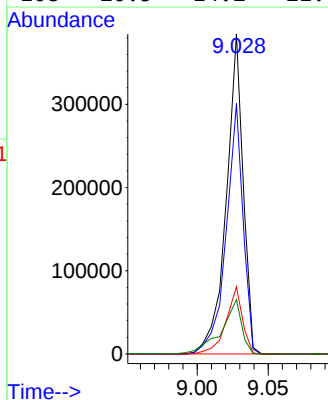
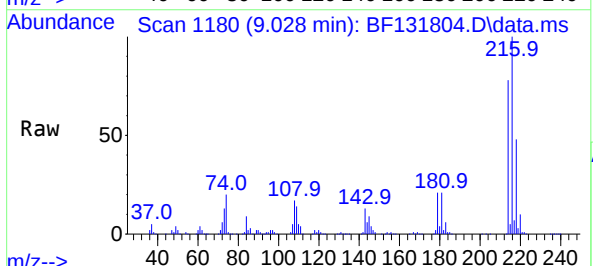
Ion Ratio Lower Upper

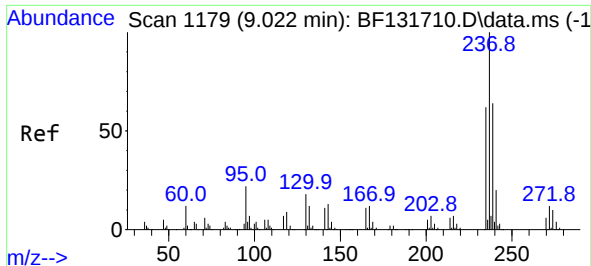
216 100

214 78.5 62.9 94.3

179 20.5 16.3 24.5

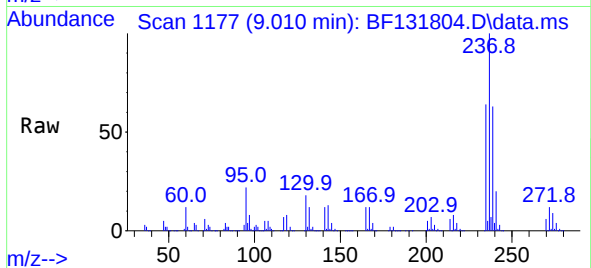
108 20.5 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 105.607 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

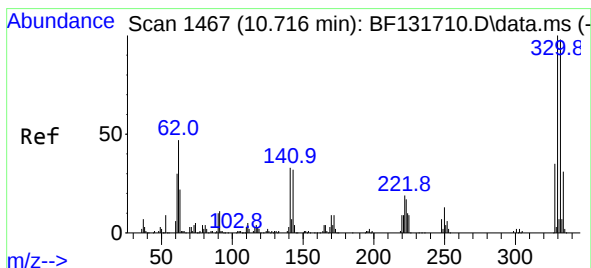
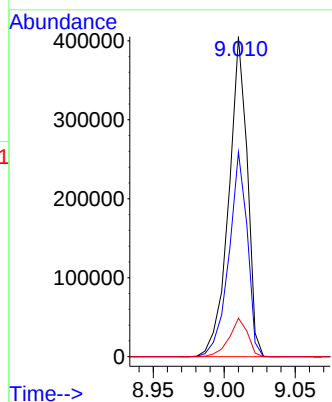
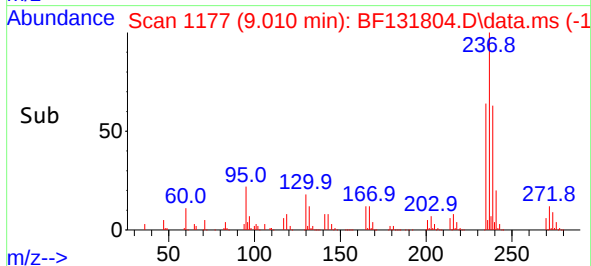
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



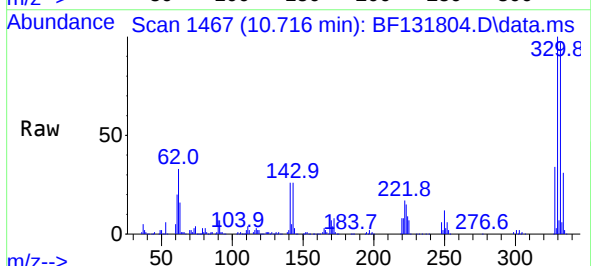
Tgt Ion:237 Resp: 367425
Ion Ratio Lower Upper
237 100
235 63.9 42.2 82.2
272 12.0 0.0 31.7

Manual Integrations
APPROVED

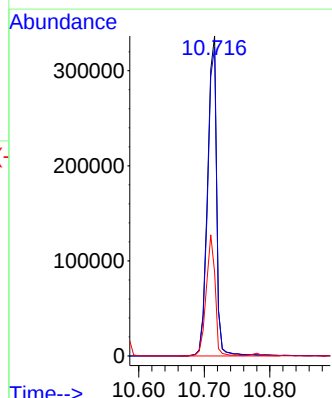
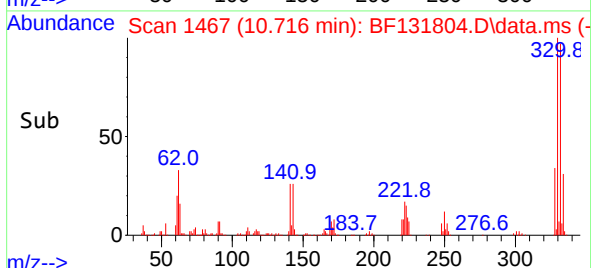
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

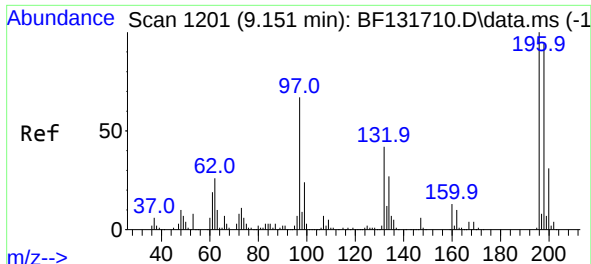


#42
2,4,6-Tribromophenol
Concen: 132.741 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:330 Resp: 326114
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 37.1 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 39.377 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

Tgt Ion:196 Resp: 19753

Ion Ratio Lower Upper

196 100

198 96.7 75.5 113.3

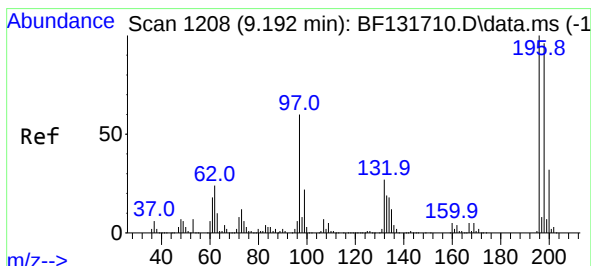
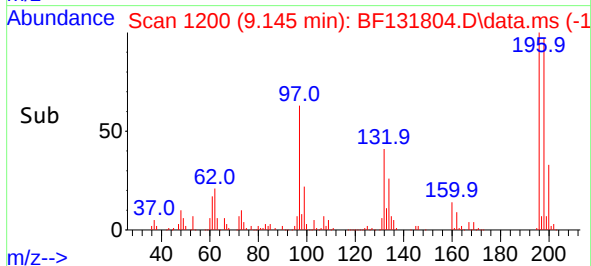
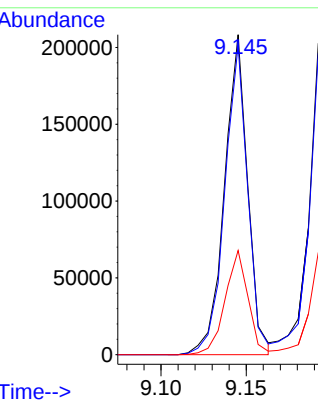
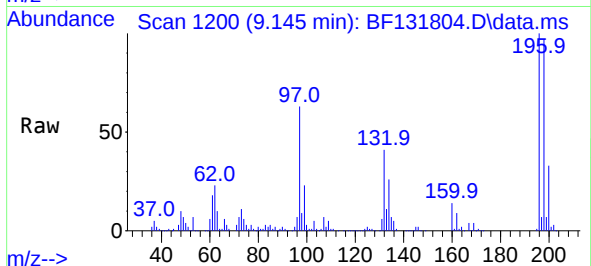
200 32.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#44

2,4,5-Trichlorophenol

Concen: 39.167 ng m

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Tgt Ion:196 Resp: 212700

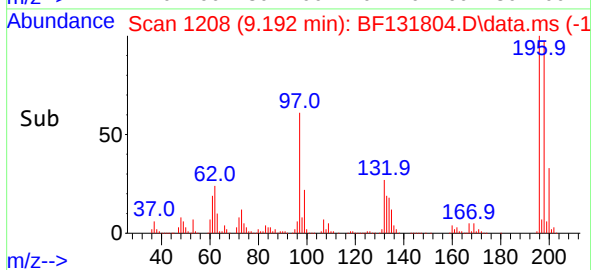
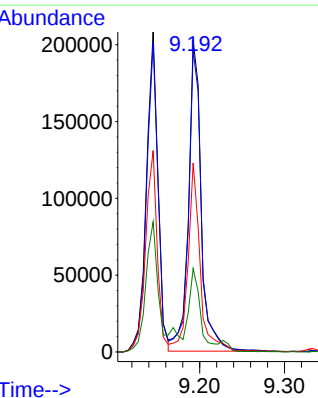
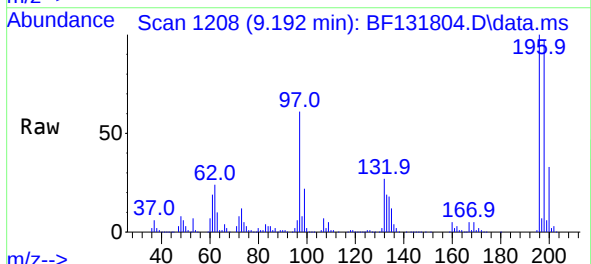
Ion Ratio Lower Upper

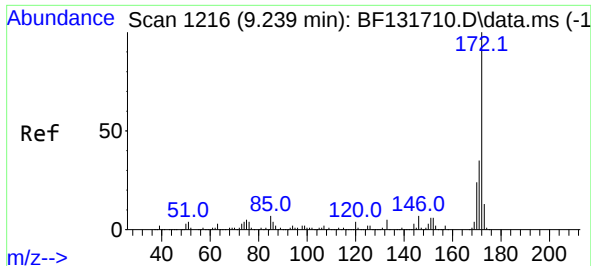
196 100

198 96.8 76.6 114.8

97 60.7 47.7 71.5

132 26.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 80.566 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

Tgt Ion:172 Resp: 1290928

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

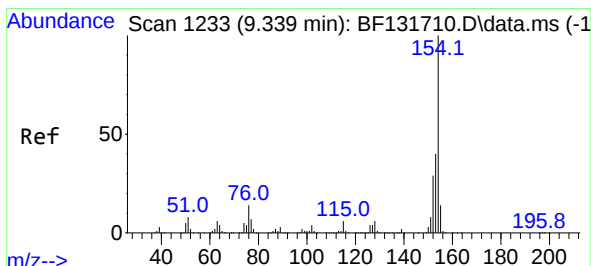
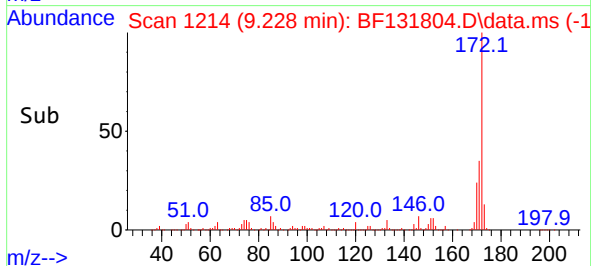
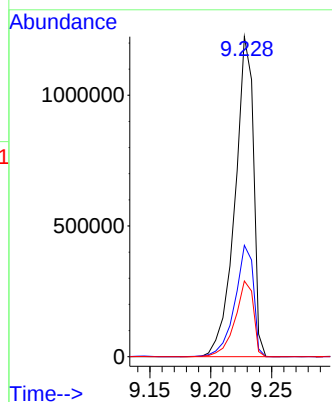
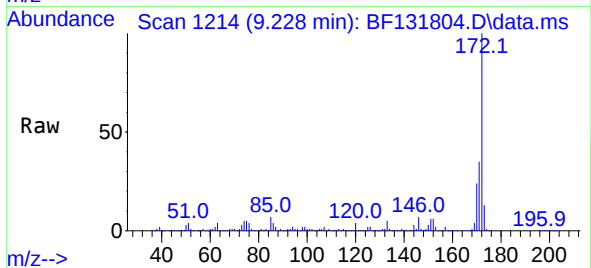
170 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#46

1,1'-Biphenyl

Concen: 41.407 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF131804.D

Acq: 23 Dec 2022 13:26

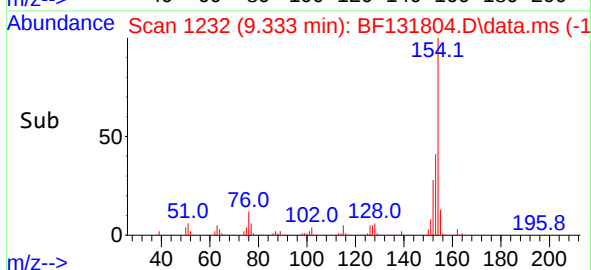
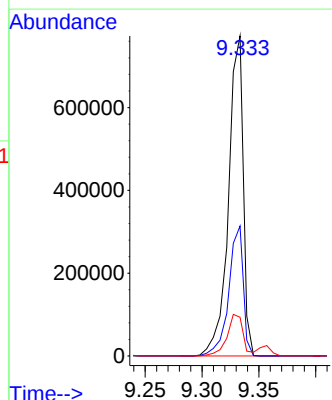
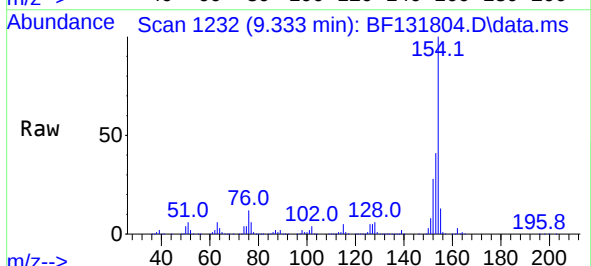
Tgt Ion:154 Resp: 699098

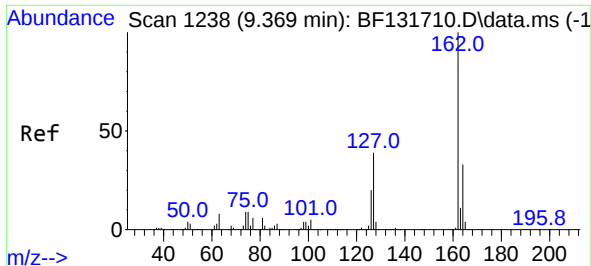
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 12.1 0.0 33.6





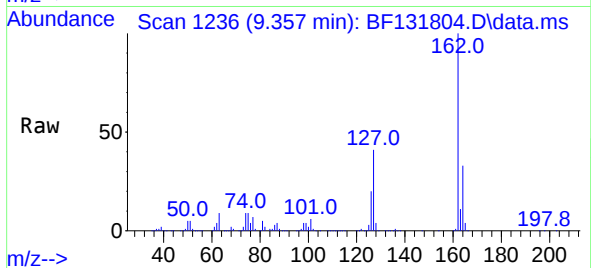
#47
2-Chloronaphthalene
Concen: 40.095 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

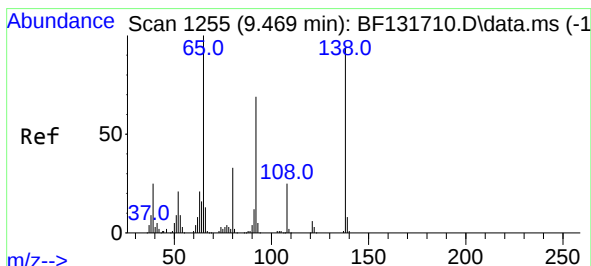
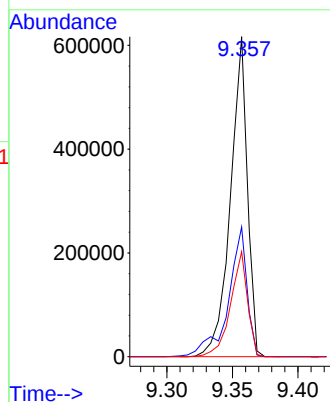
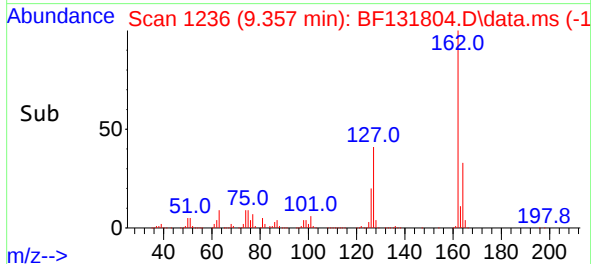


Tgt Ion:162 Resp: 554318
Ion Ratio Lower Upper
162 100
127 40.5 31.4 47.2
164 32.8 26.6 39.8

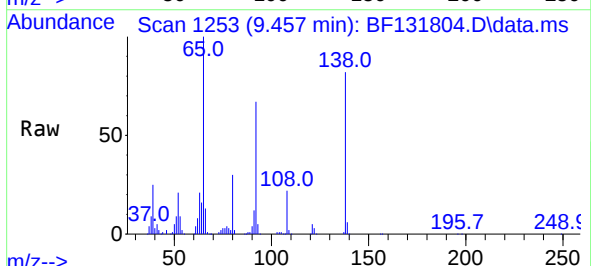
Manual Integrations

APPROVED

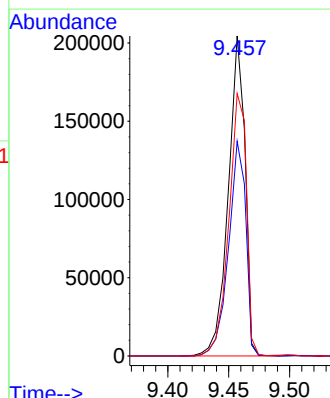
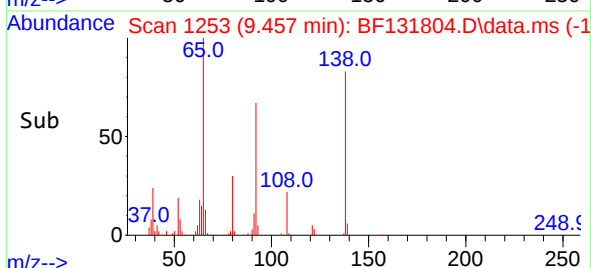
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

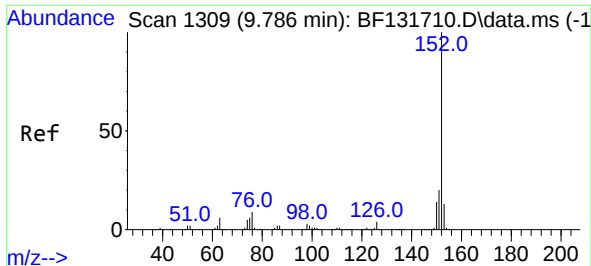


#48
2-Nitroaniline
Concen: 39.260 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion: 65 Resp: 195630
Ion Ratio Lower Upper
65 100
92 67.1 55.5 83.3
138 82.0 74.8 112.2





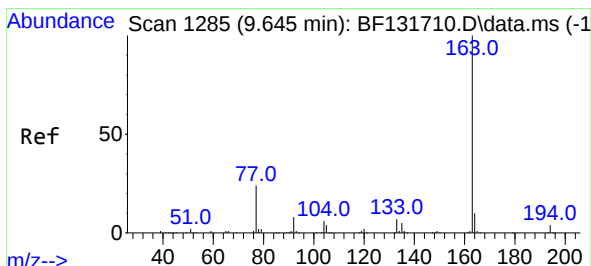
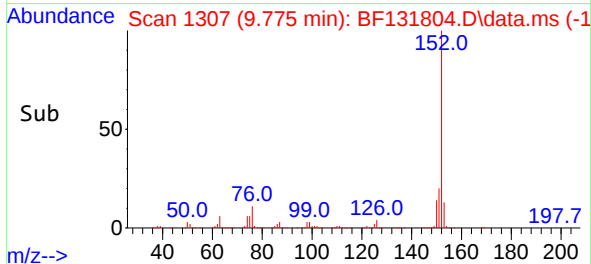
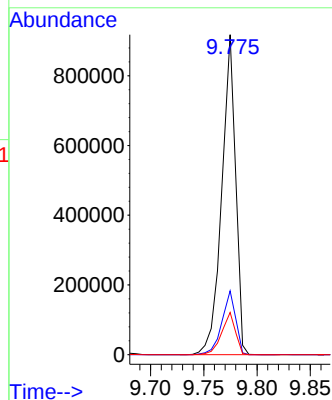
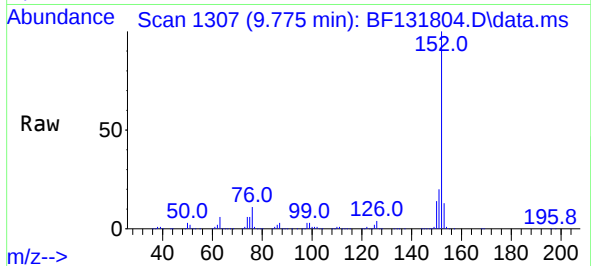
#49
Acenaphthylene
Concen: 39.926 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :
BNA_F
ClientSampleId :
PB149851BSD

Tgt Ion:152 Resp: 827914
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.6 15.8

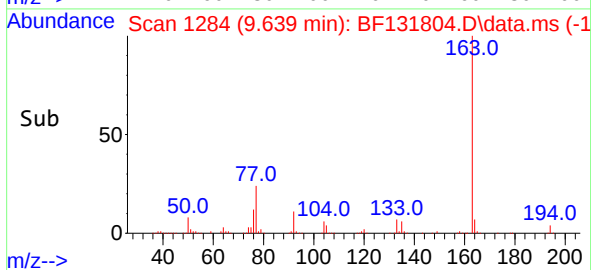
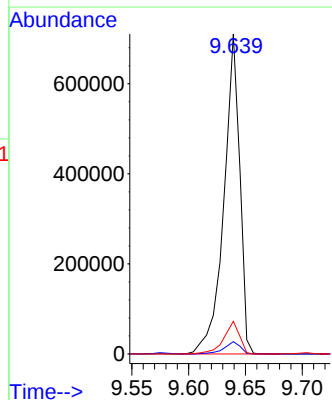
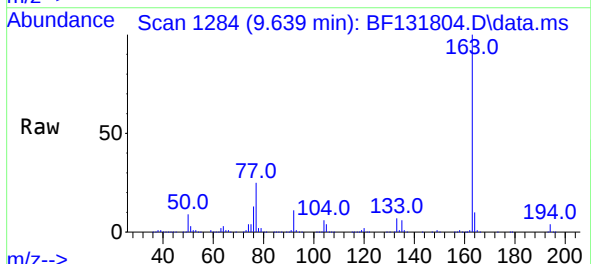
Manual Integrations
APPROVED

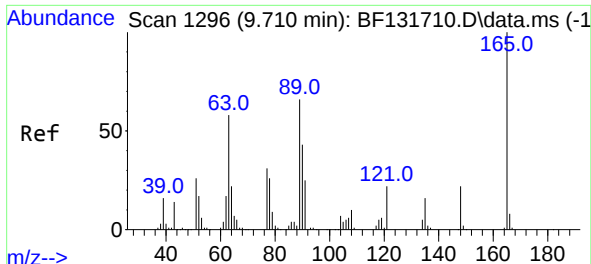
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#50
Dimethylphthalate
Concen: 40.929 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Tgt Ion:163 Resp: 691262
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4





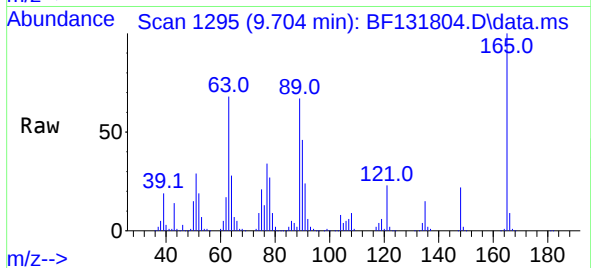
#51
2,6-Dinitrotoluene
Concen: 40.621 ng
RT: 9.704 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

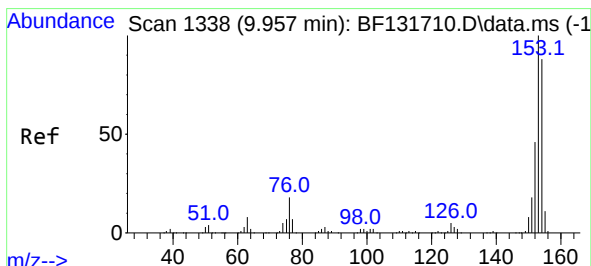
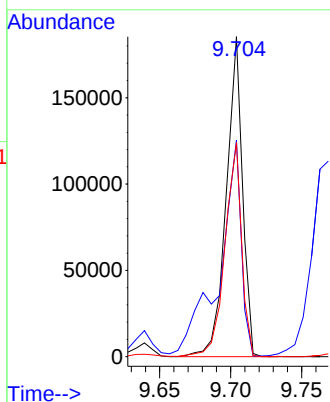
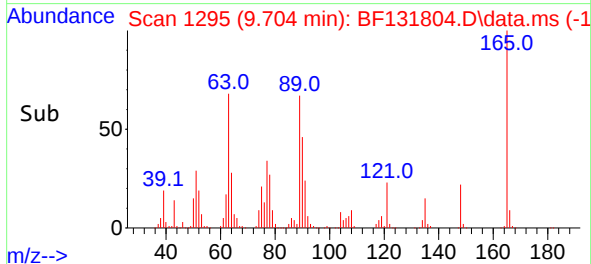


Tgt Ion:165 Resp: 147518
Ion Ratio Lower Upper
165 100
63 67.7 51.8 77.8
89 66.9 53.2 79.8

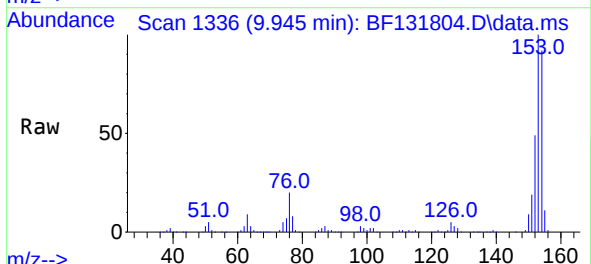
Manual Integrations

APPROVED

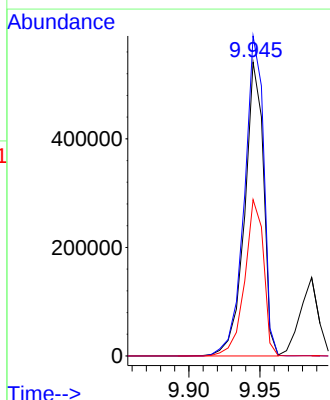
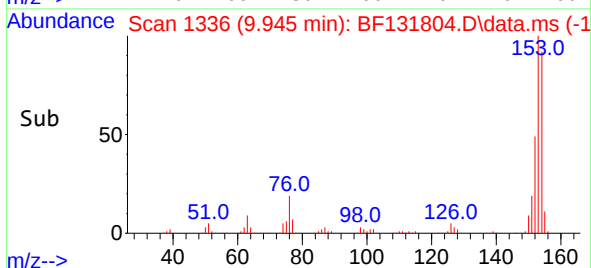
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

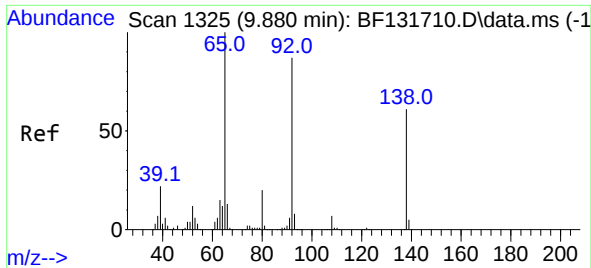


#52
Acenaphthene
Concen: 39.406 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



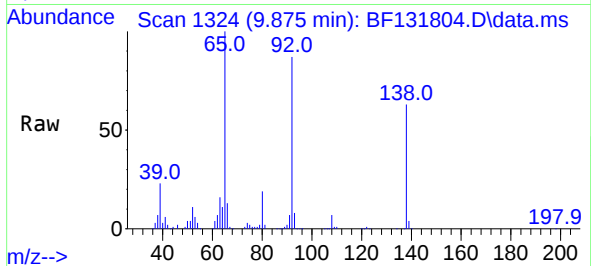
Tgt Ion:154 Resp: 500562
Ion Ratio Lower Upper
154 100
153 108.9 90.4 135.6
152 53.2 42.0 63.0





#53
3-Nitroaniline
Concen: 22.221 ng
RT: 9.875 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

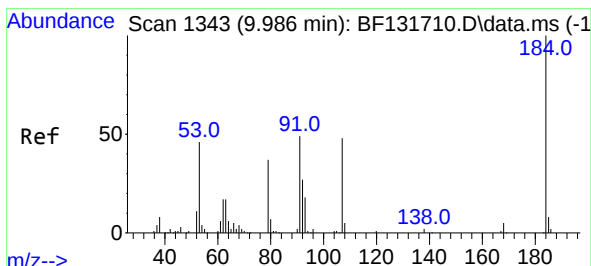
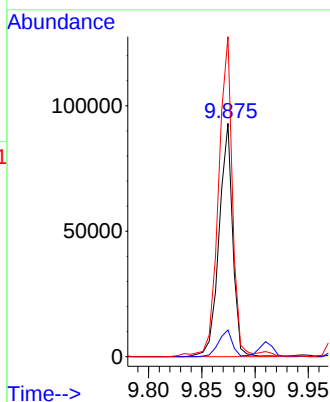
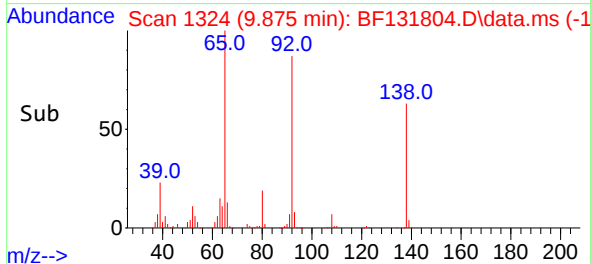
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



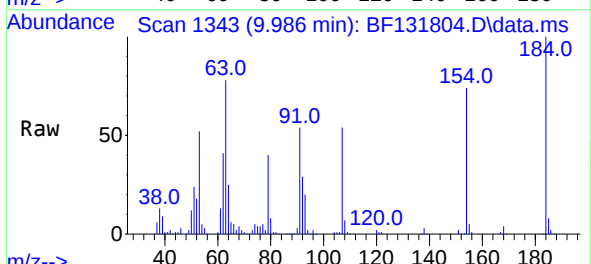
Tgt Ion:138 Resp: 82570
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 137.1 114.6 171.8

Manual Integrations
APPROVED

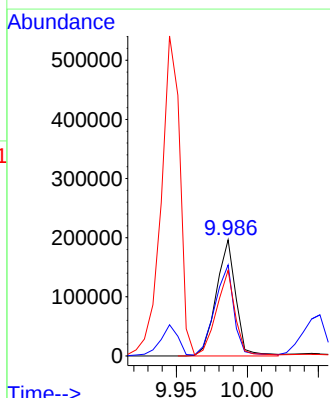
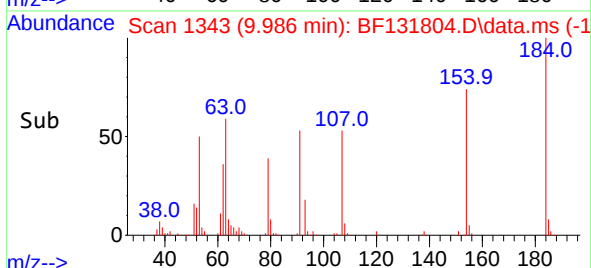
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

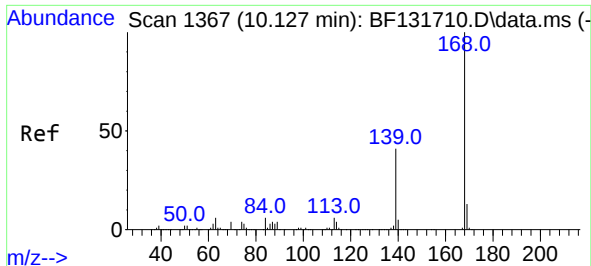


#54
2,4-Dinitrophenol
Concen: 86.219 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



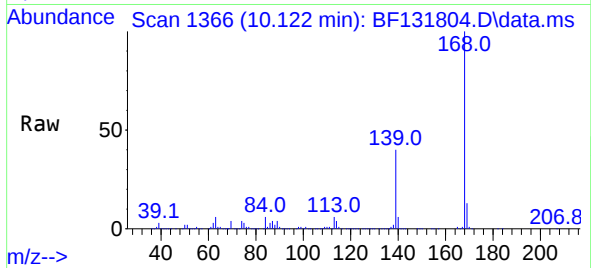
Tgt Ion:184 Resp: 187614
Ion Ratio Lower Upper
184 100
63 78.3 55.8 83.8
154 73.7 57.1 85.7





#55
Dibenzenofuran
Concen: 39.337 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

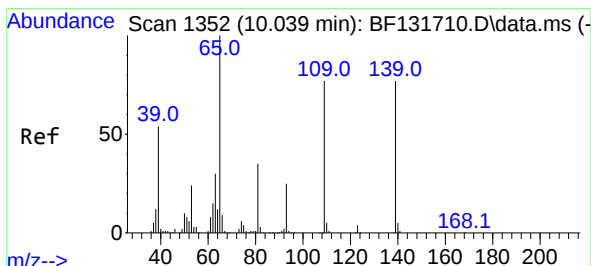
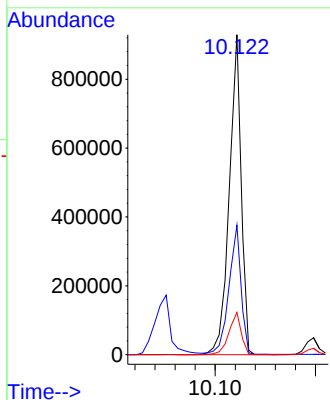
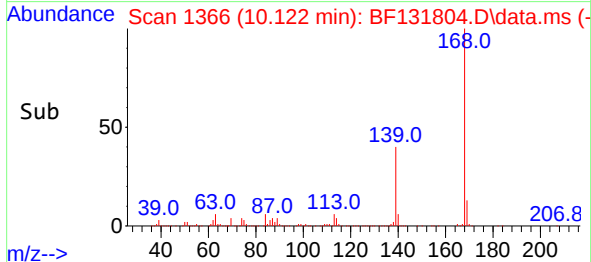
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



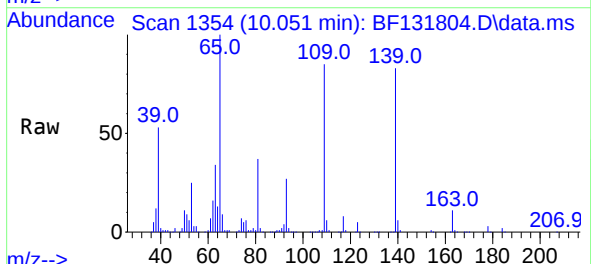
Tgt Ion:168 Resp: 76622
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1
169 13.2 10.6 16.0

Manual Integrations
APPROVED

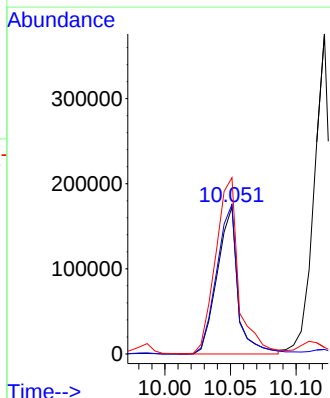
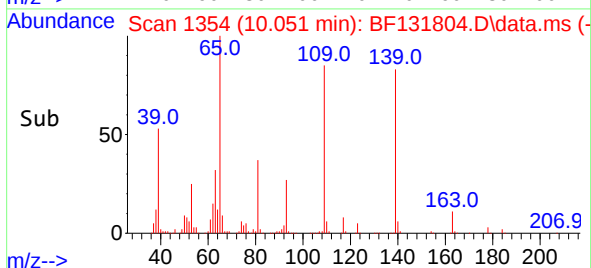
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

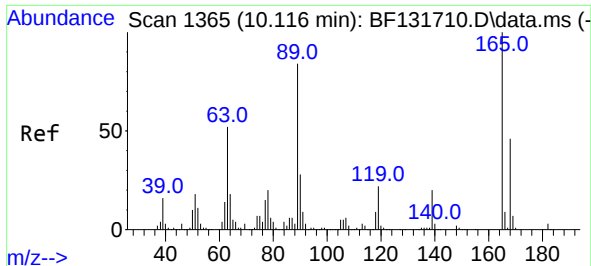


#56
4-Nitrophenol
Concen: 71.012 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:139 Resp: 188860
Ion Ratio Lower Upper
139 100
109 101.8 79.9 119.9
65 120.0 110.2 150.2





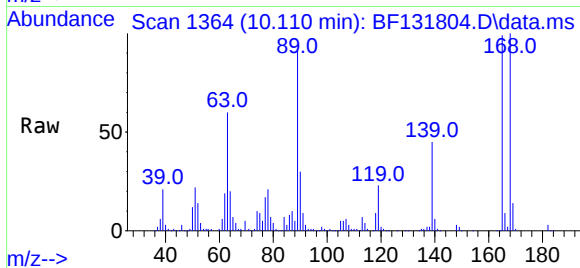
#57
2,4-Dinitrotoluene
Concen: 41.562 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

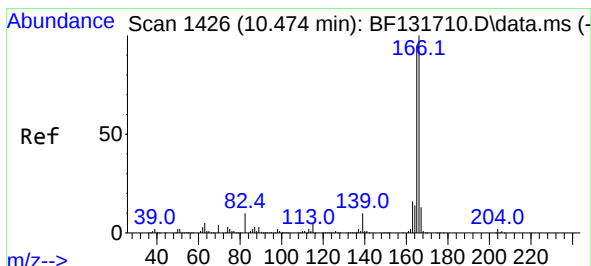
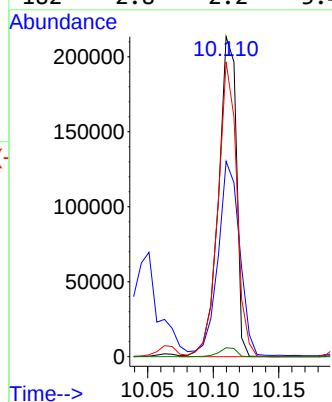
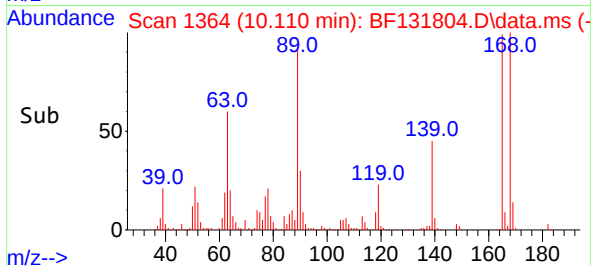


Tgt Ion:165 Resp: 20282
Ion Ratio Lower Upper
165 100
63 61.1 41.5 62.3
89 92.1 67.0 100.4
182 2.8 2.2 3.4

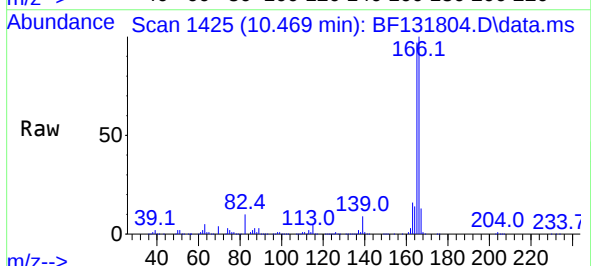
Manual Integrations

APPROVED

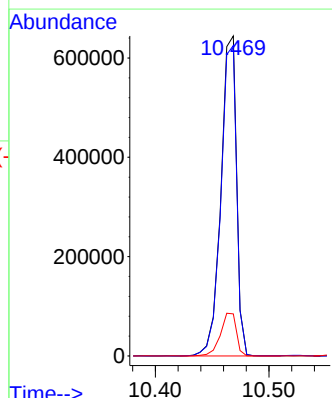
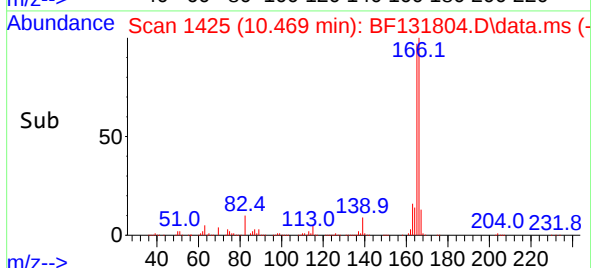
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

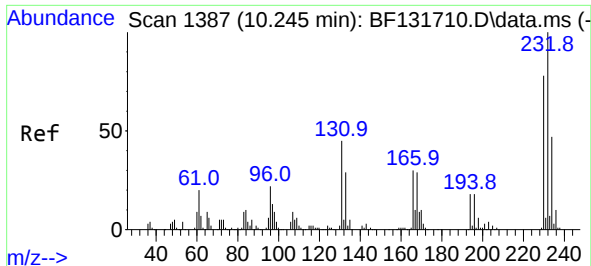


#58
Fluorene
Concen: 39.299 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



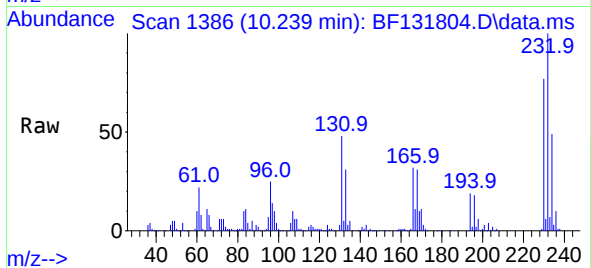
Tgt Ion:166 Resp: 618902
Ion Ratio Lower Upper
166 100
165 97.0 75.8 113.8
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.991 ng m
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

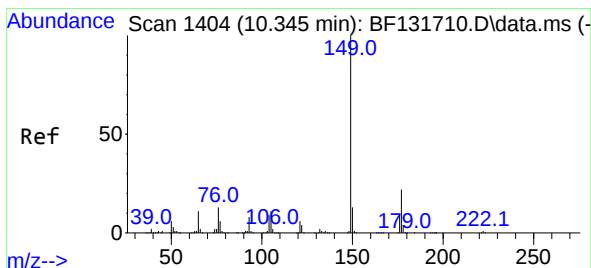
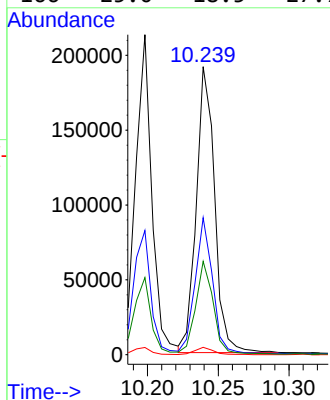
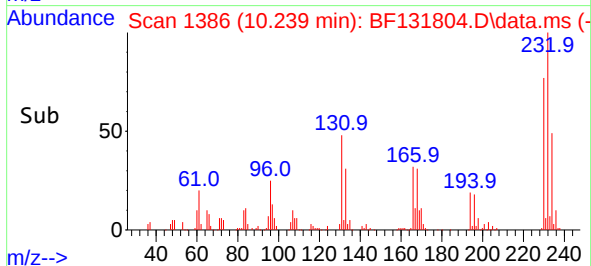
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



Tgt Ion:232 Resp: 172240
Ion Ratio Lower Upper
232 100
131 41.7 29.9 44.9
130 2.5 1.7 2.5
166 25.0 18.5 27.7

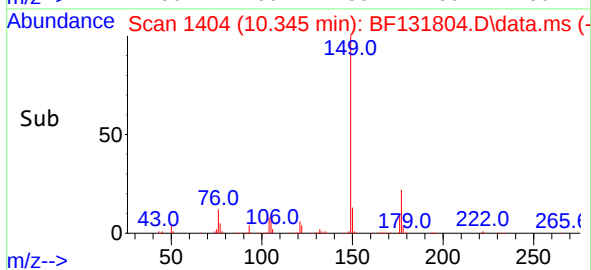
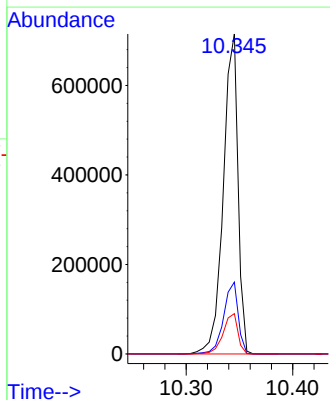
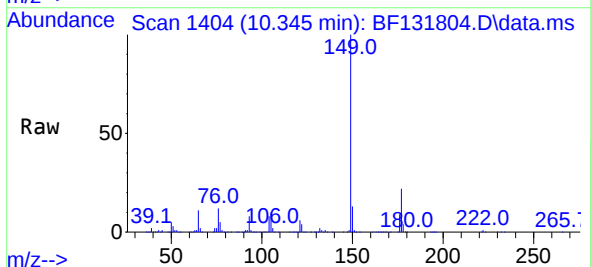
Manual Integrations
APPROVED

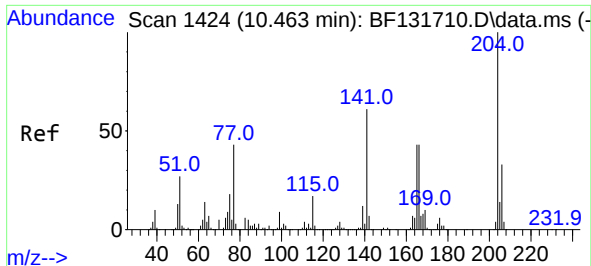
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#60
Diethylphthalate
Concen: 41.969 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Tgt Ion:149 Resp: 682989
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.0
150 12.6 10.2 15.2





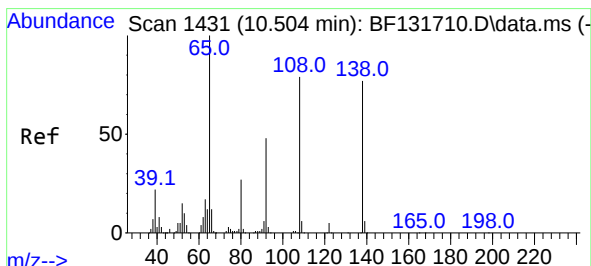
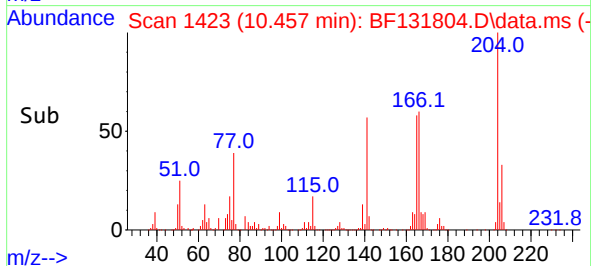
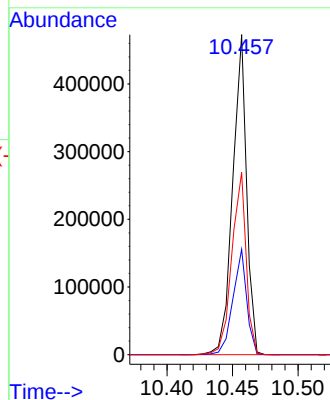
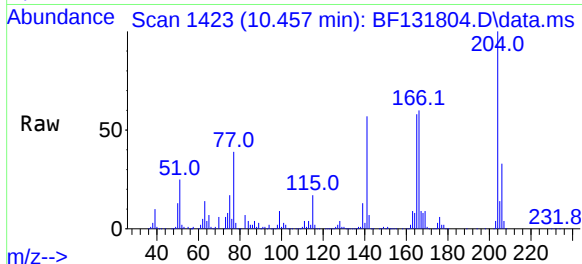
#61
4-Chlorophenyl-phenylether
Concen: 41.691 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :
BNA_F
ClientSampleId :
PB149851BSD

Tgt Ion:204 Resp: 34896
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 57.0 48.6 72.8

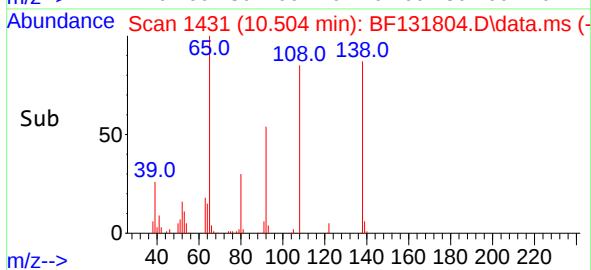
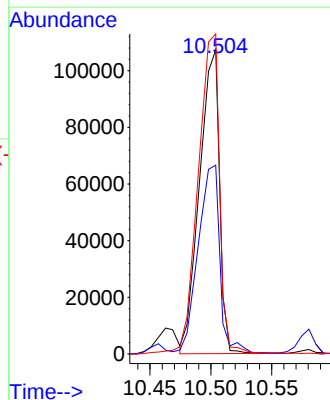
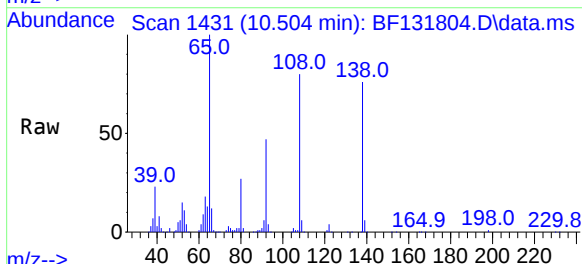
Manual Integrations
APPROVED

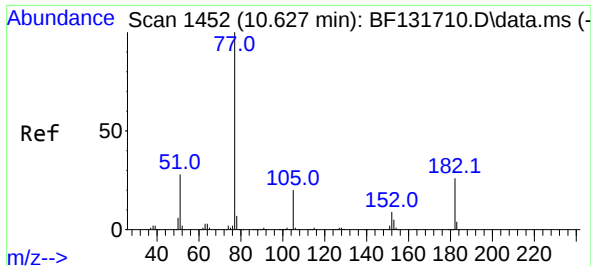
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#62
4-Nitroaniline
Concen: 32.708 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

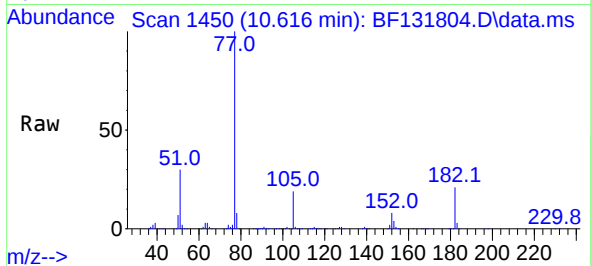
Tgt Ion:138 Resp: 122320
Ion Ratio Lower Upper
138 100
92 62.1 42.1 82.1
108 105.2 83.1 123.1





#63
Azobenzene
Concen: 40.702 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

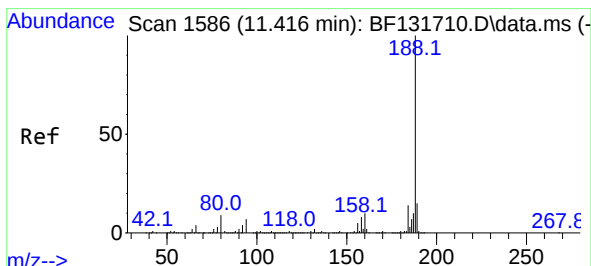
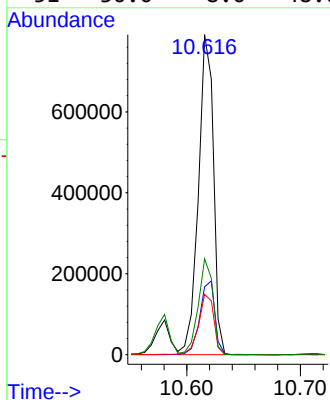
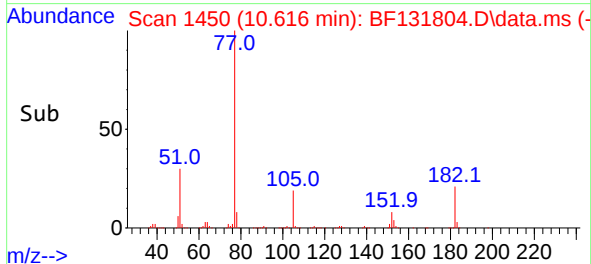
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



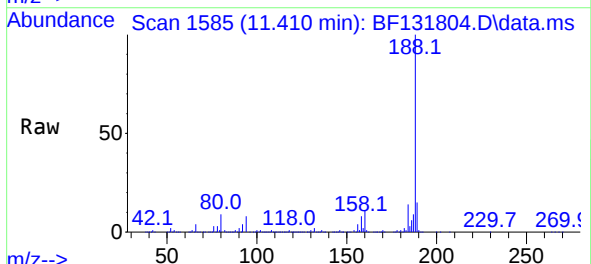
Tgt Ion: 77 Resp: 72738
Ion Ratio Lower Upper
77 100
182 21.2 5.8 45.8
105 18.8 0.0 39.7
51 30.0 8.0 48.0

Manual Integrations
APPROVED

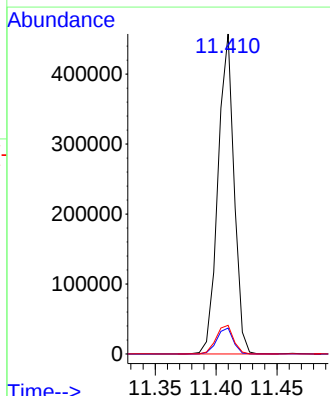
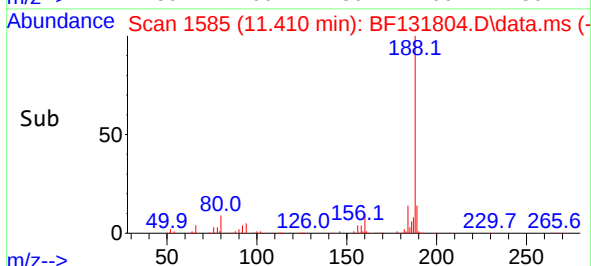
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

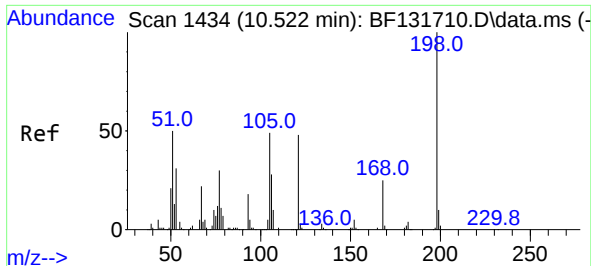


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:188 Resp: 419898
Ion Ratio Lower Upper
188 100
94 8.1 5.9 8.9
80 9.0 7.0 10.6





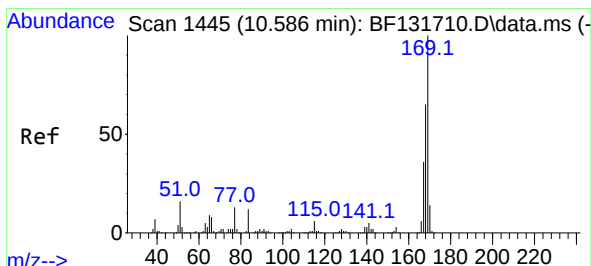
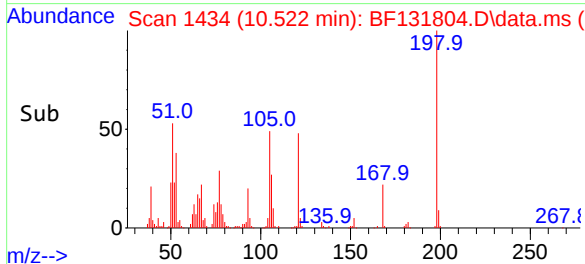
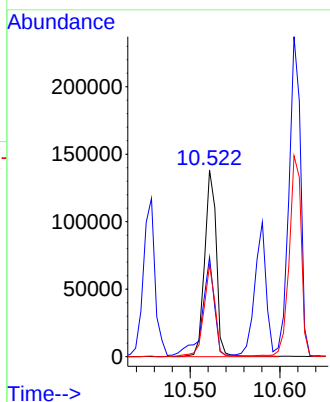
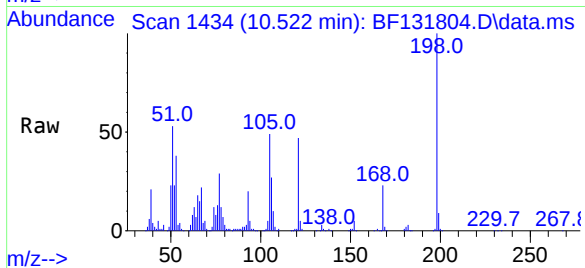
#65
4,6-Dinitro-2-methylphenol
Concen: 43.342 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :
BNA_F
ClientSampleId :
PB149851BSD

Tgt Ion:198 Resp: 124948
Ion Ratio Lower Upper
198 100
51 53.3 34.1 74.1
105 49.3 29.7 69.7

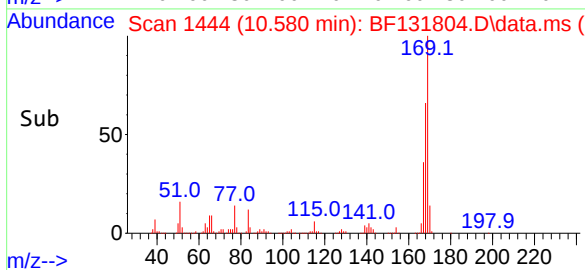
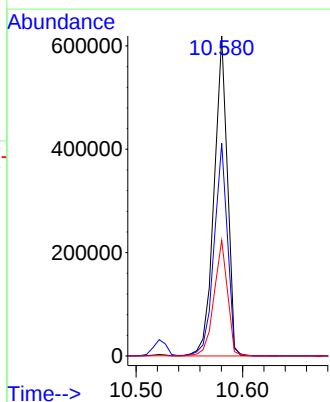
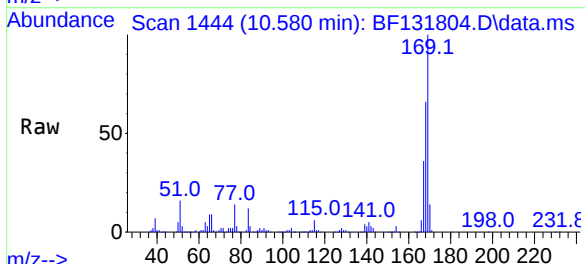
Manual Integrations
APPROVED

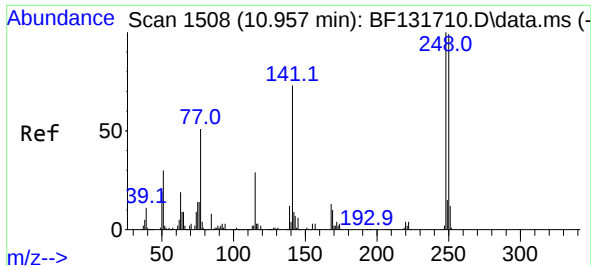
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#66
n-Nitrosodiphenylamine
Concen: 41.313 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

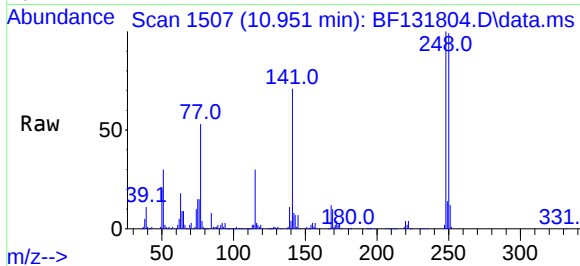
Tgt Ion:169 Resp: 537953
Ion Ratio Lower Upper
169 100
168 66.5 52.4 78.6
167 36.2 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 42.770 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

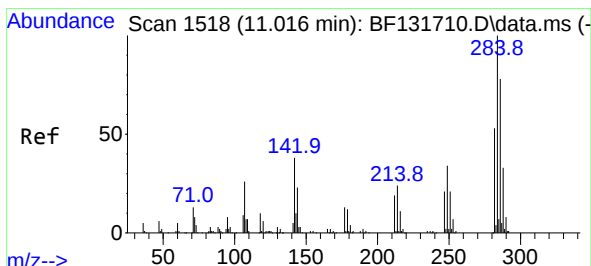
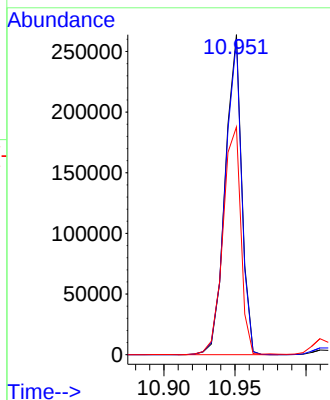
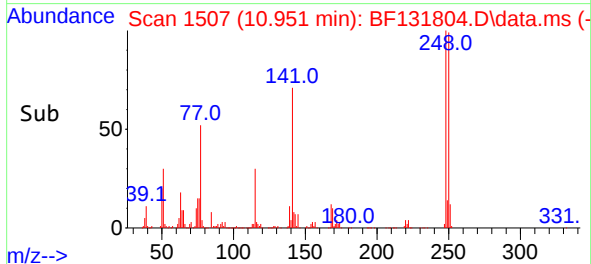
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



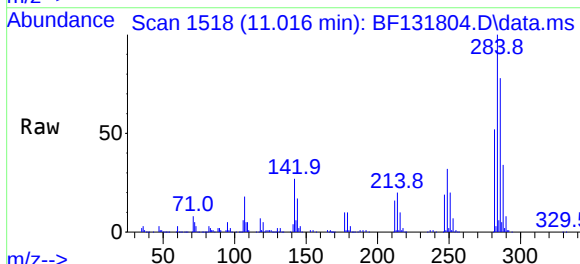
Tgt Ion:248 Resp: 212108
Ion Ratio Lower Upper
248 100
250 98.6 79.4 119.0
141 71.2 58.1 87.1

Manual Integrations
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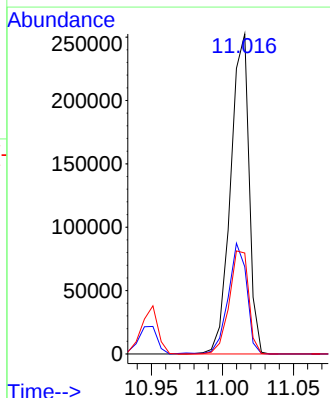
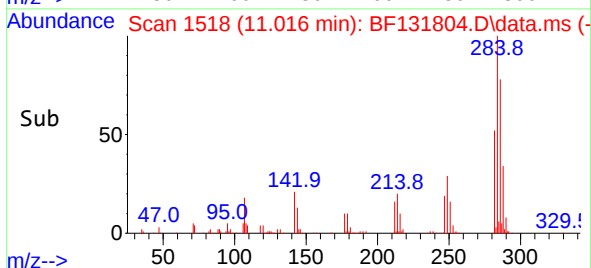
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

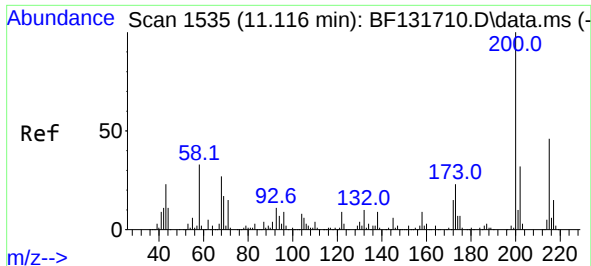


#68
Hexachlorobenzene
Concen: 41.930 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



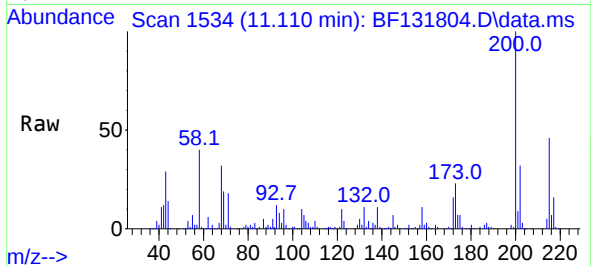
Tgt Ion:284 Resp: 228696
Ion Ratio Lower Upper
284 100
142 27.3 30.2 45.4#
249 31.6 27.2 40.8





#69
 Atrazine
 Concen: 28.401 ng
 RT: 11.110 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131804.D
 Acq: 23 Dec 2022 13:26

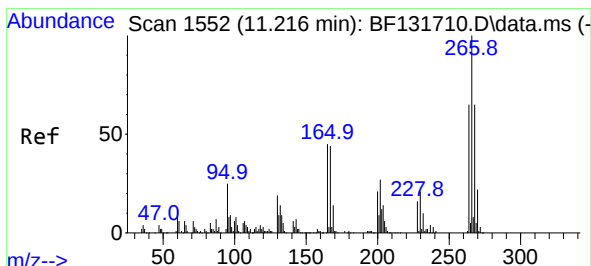
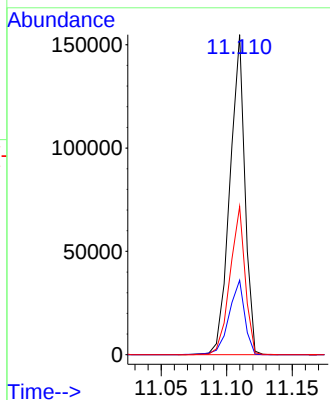
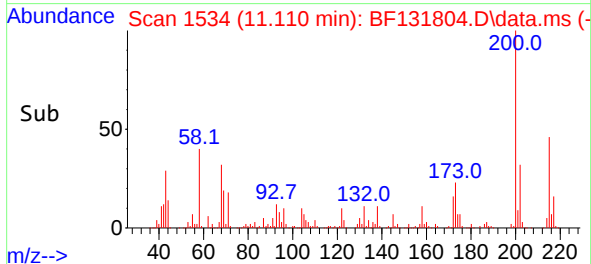
Instrument :
 BNA_F
 ClientSampleId :
 PB149851BSD



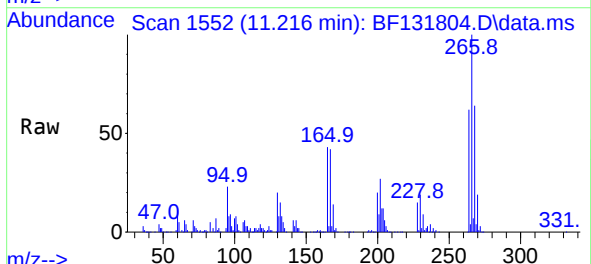
Tgt Ion:200 Resp: 123278
 Ion Ratio Lower Upper
 200 100
 173 23.2 2.7 42.7
 215 46.3 26.4 66.4

Manual Integrations
 APPROVED

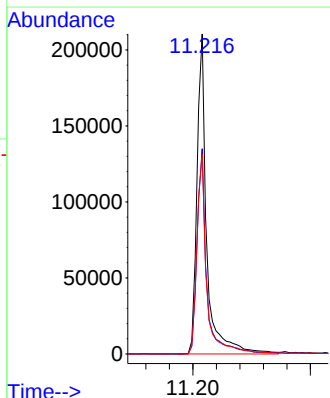
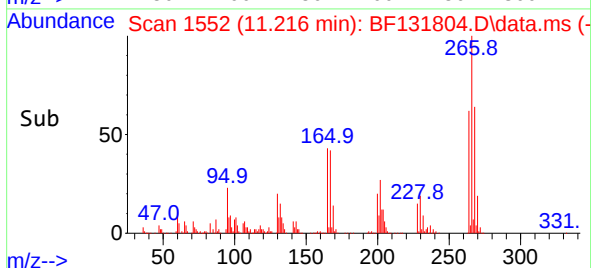
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

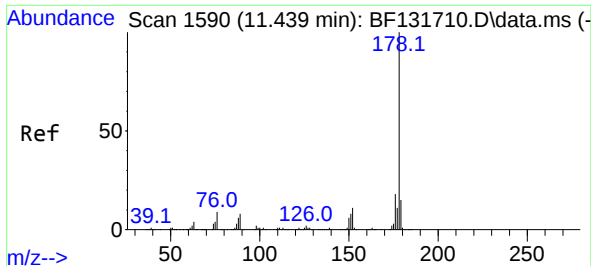


#70
 Pentachlorophenol
 Concen: 83.768 ng
 RT: 11.216 min Scan# 1552
 Delta R.T. 0.006 min
 Lab File: BF131804.D
 Acq: 23 Dec 2022 13:26



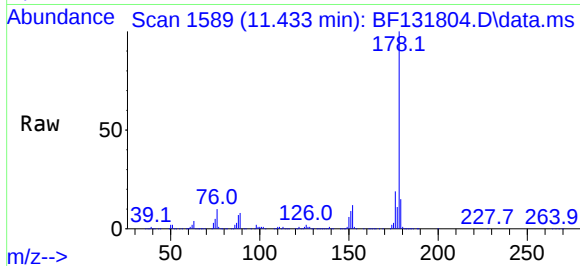
Tgt Ion:266 Resp: 242499
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.2 78.4
 264 62.5 52.0 78.0





#71
Phenanthrene
Concen: 40.353 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

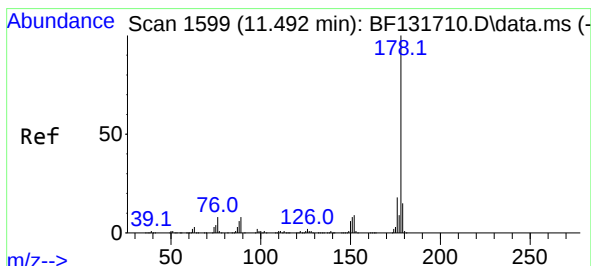
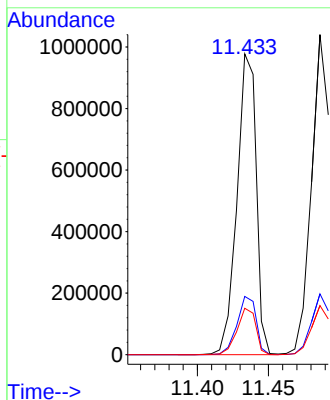
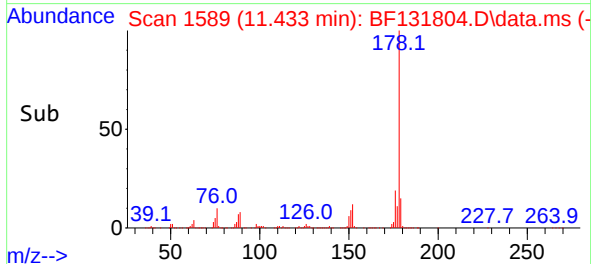
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



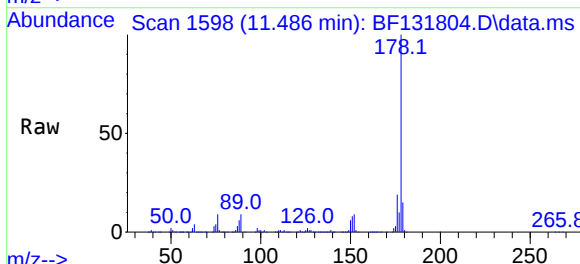
Tgt Ion:178 Resp: 923938
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 15.4 12.2 18.4

Manual Integrations
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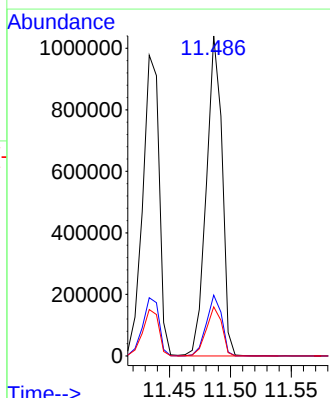
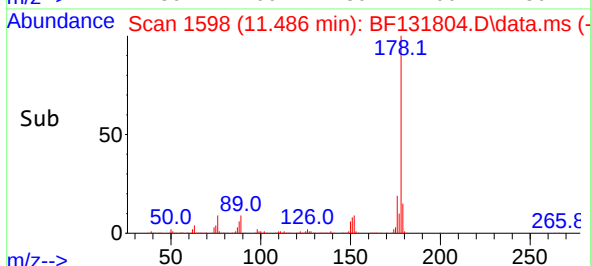
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

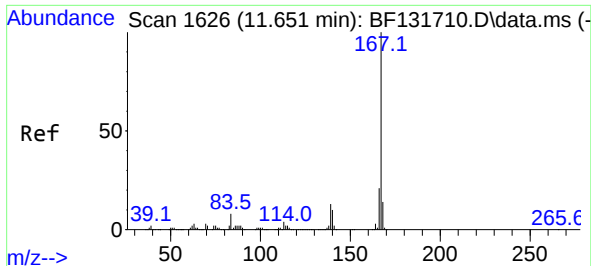


#72
Anthracene
Concen: 41.526 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



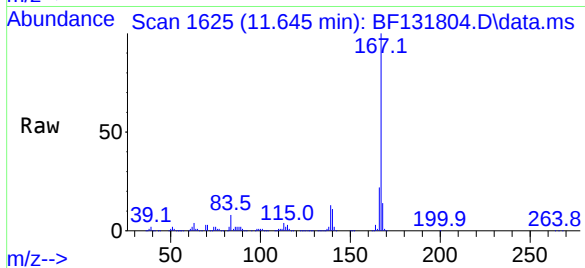
Tgt Ion:178 Resp: 930957
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.3 12.2 18.4





#73
Carbazole
Concen: 40.619 ng
RT: 11.645 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

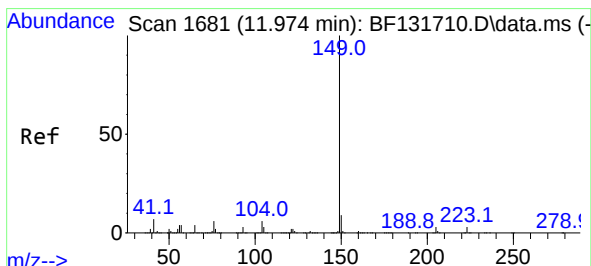
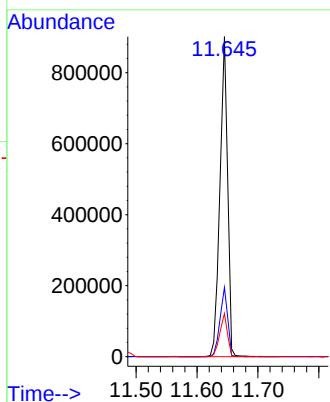
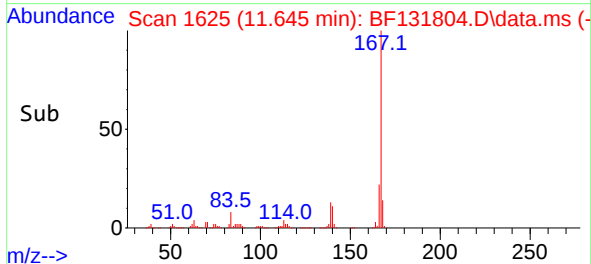
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



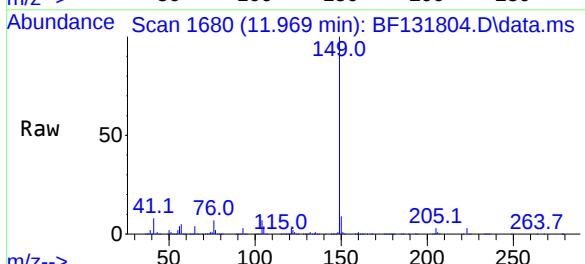
Tgt Ion:167 Resp: 787854
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.5 10.5 15.7

Manual Integrations
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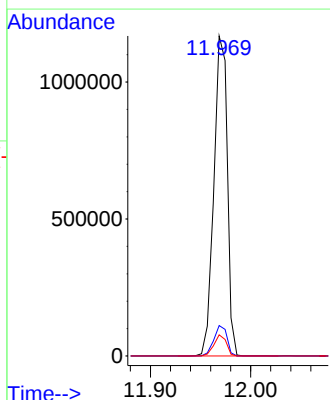
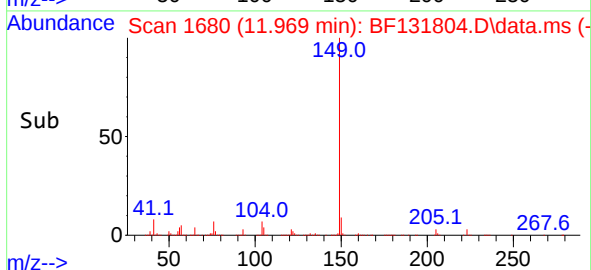
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

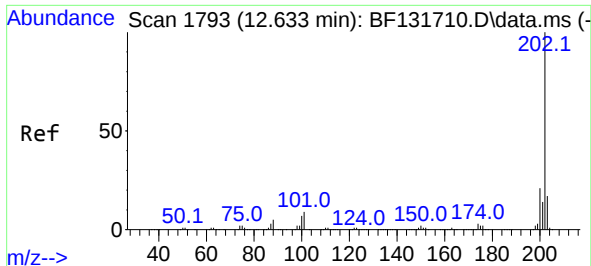


#74
Di-n-butylphthalate
Concen: 44.841 ng
RT: 11.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



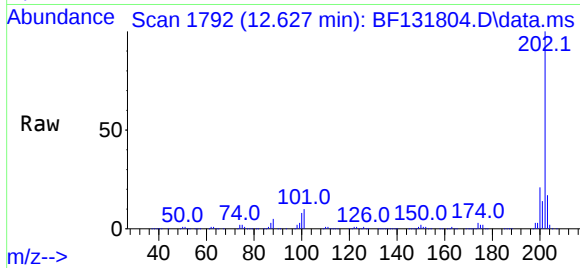
Tgt Ion:149 Resp: 1082979
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 6.6 5.0 7.4





#75
Fluoranthene
Concen: 40.343 ng
RT: 12.627 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

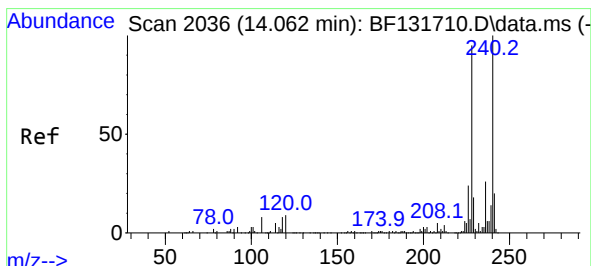
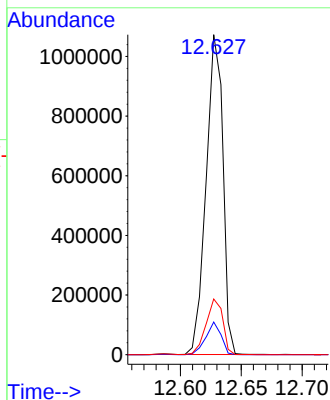
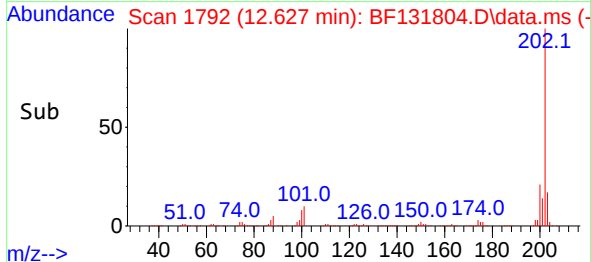
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



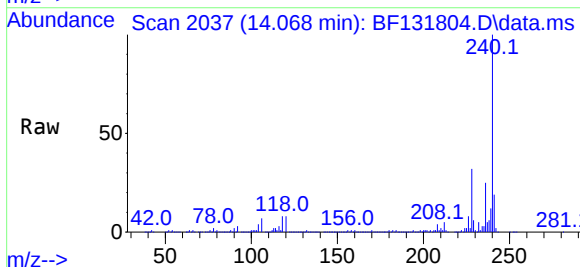
Tgt Ion:202 Resp: 102875
Ion Ratio Lower Upper
202 100
101 10.2 0.0 28.8
203 17.4 0.0 37.1

Manual Integrations
APPROVED

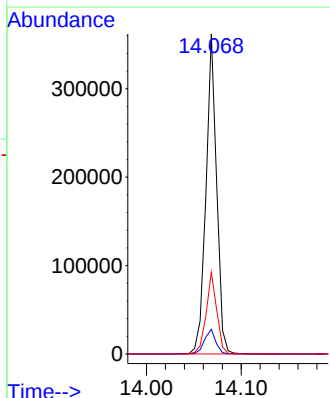
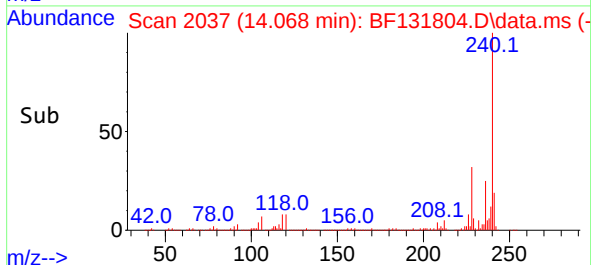
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

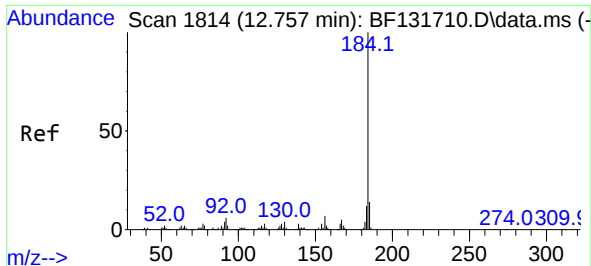


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:240 Resp: 282342
Ion Ratio Lower Upper
240 100
120 7.7 7.6 11.4
236 25.5 21.2 31.8





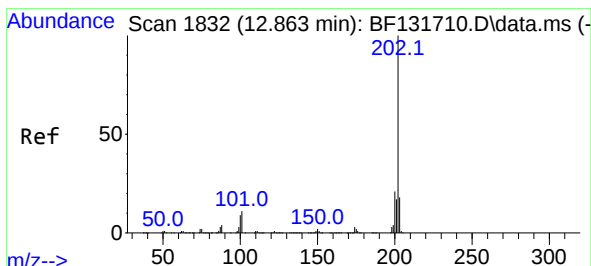
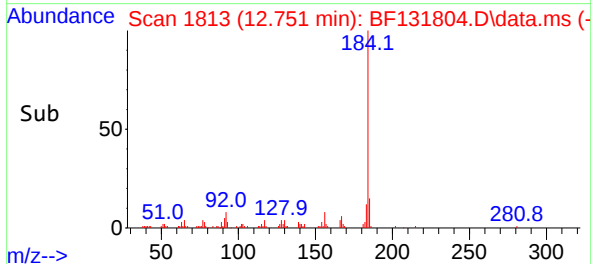
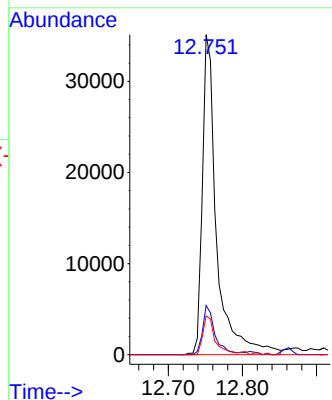
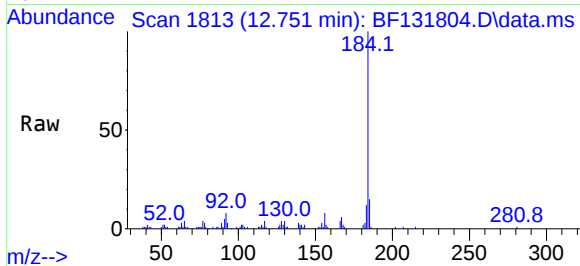
#77
Benzidine
Concen: 9.057 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :
BNA_F
ClientSampleId :
PB149851BSD

Tgt Ion:184 Resp: 46890
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 12.1 9.3 13.9

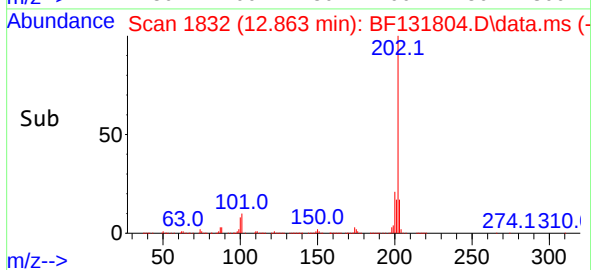
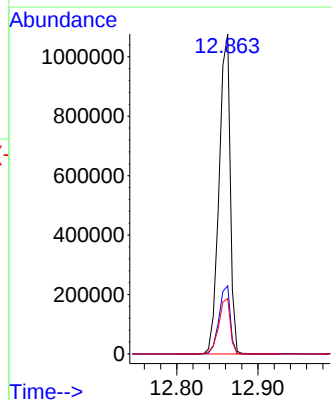
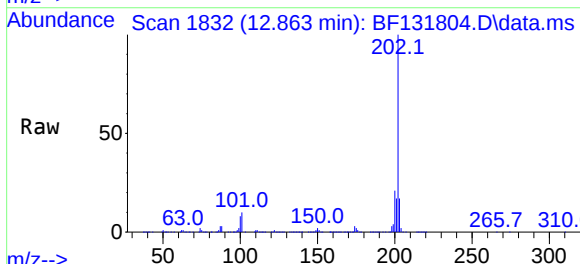
Manual Integrations
APPROVED

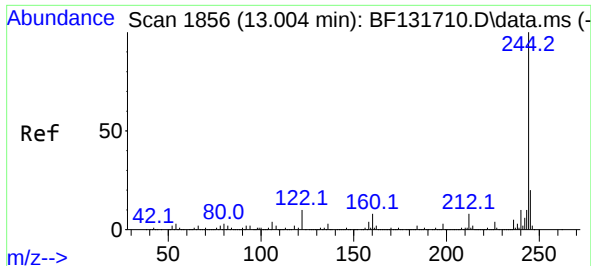
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#78
Pyrene
Concen: 39.966 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

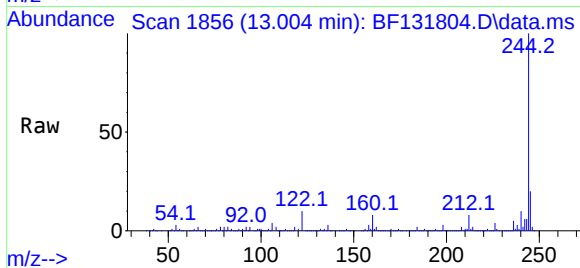
Tgt Ion:202 Resp: 1025941
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 90.444 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

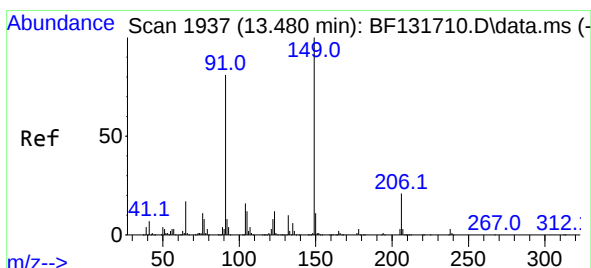
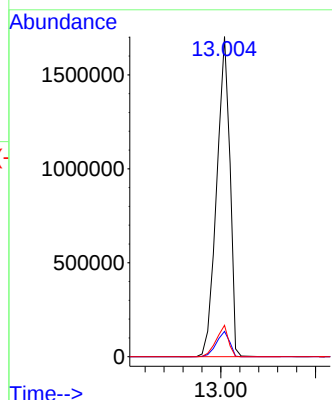
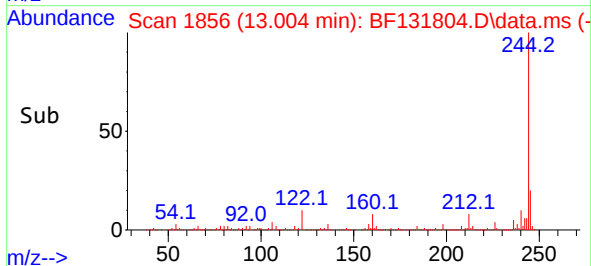
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



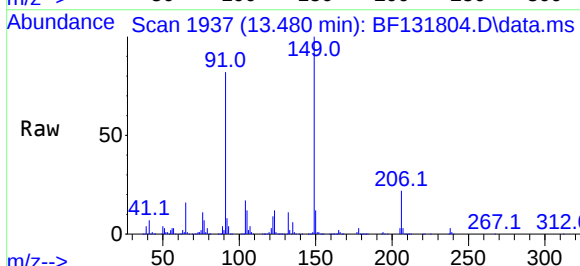
Tgt Ion:244 Resp: 1638480
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.8 7.7 11.5

Manual Integrations
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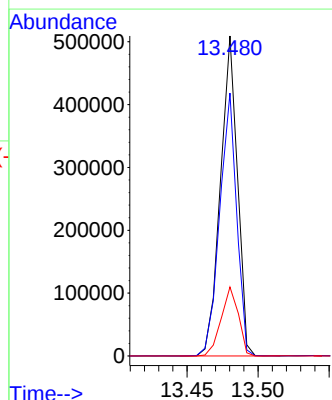
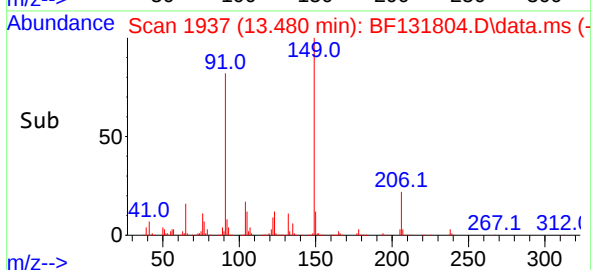
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

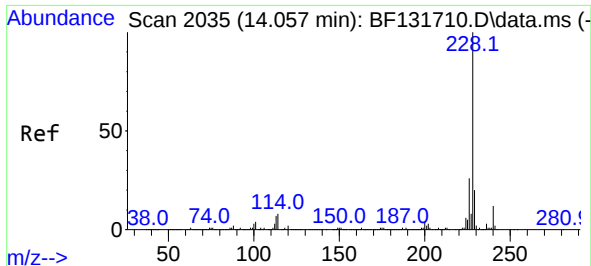


#80
Butylbenzylphthalate
Concen: 46.870 ng
RT: 13.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



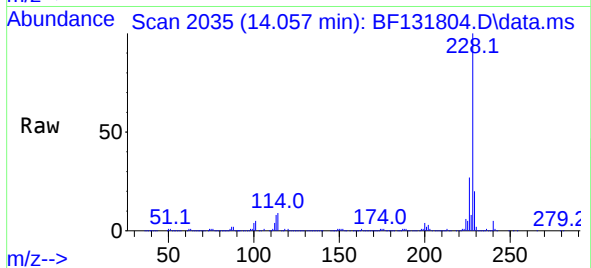
Tgt Ion:149 Resp: 424355
Ion Ratio Lower Upper
149 100
91 82.2 64.9 97.3
206 21.6 17.0 25.4





#81
Benzo(a)anthracene
Concen: 39.886 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

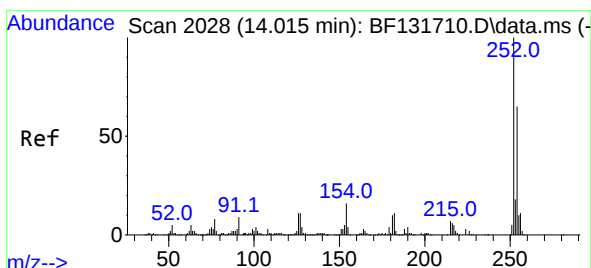
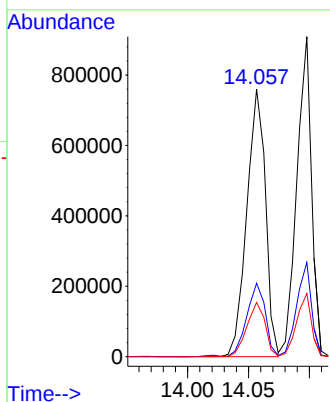
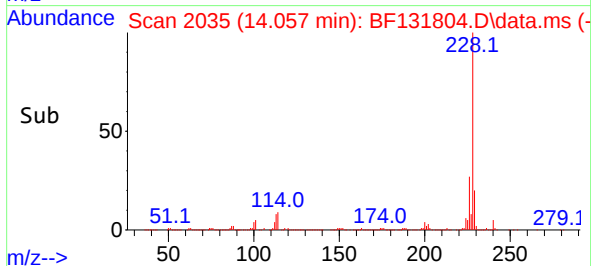
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



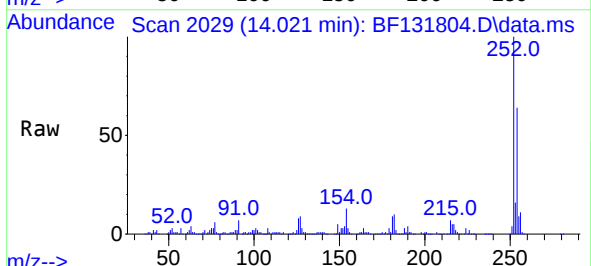
Tgt Ion:228 Resp: 811070
Ion Ratio Lower Upper
228 100
226 27.5 21.0 31.4
229 20.3 15.8 23.8

Manual Integrations
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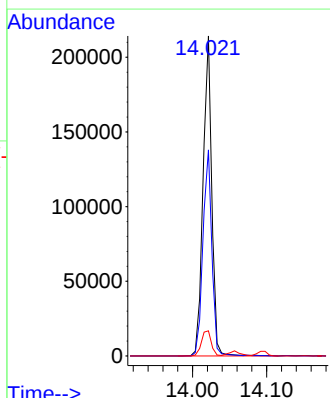
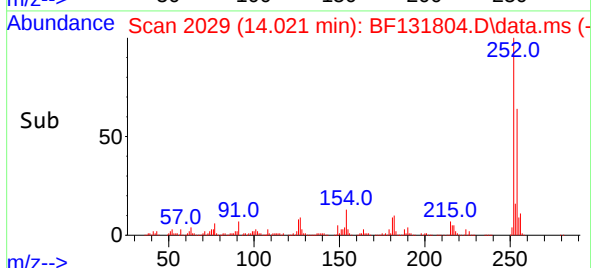
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

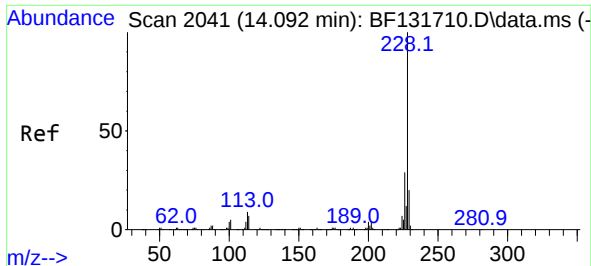


#82
3,3'-Dichlorobenzidine
Concen: 30.845 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



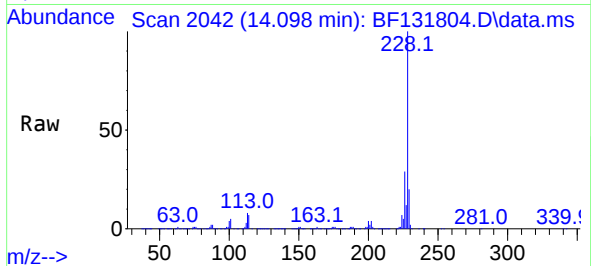
Tgt Ion:252 Resp: 175113
Ion Ratio Lower Upper
252 100
254 64.4 52.1 78.1
126 7.9 8.4 12.6





#83
Chrysene
Concen: 39.997 ng
RT: 14.098 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

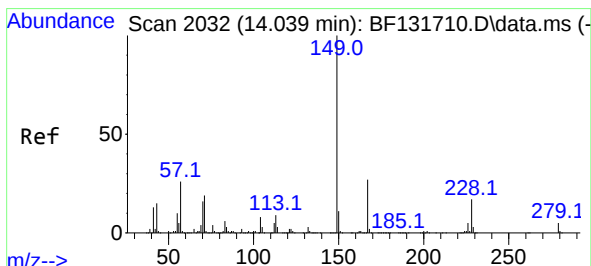
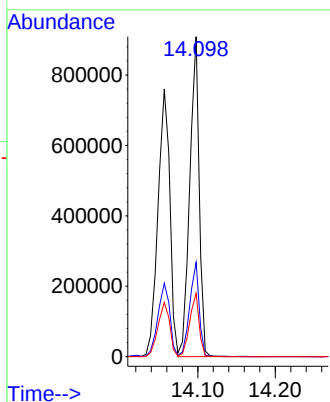
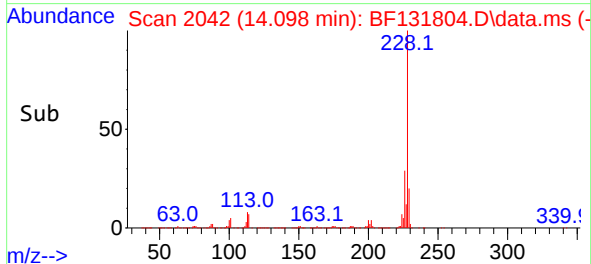
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



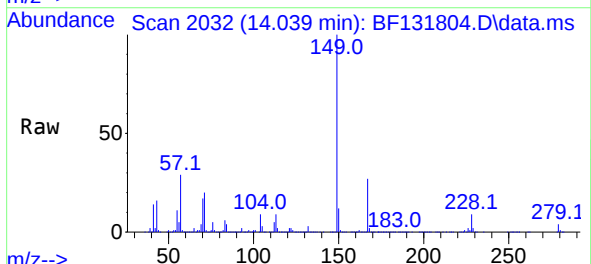
Tgt Ion:228 Resp: 76765
Ion Ratio Lower Upper
228 100
226 29.5 23.5 35.3
229 19.8 15.6 23.4

Manual Integrations
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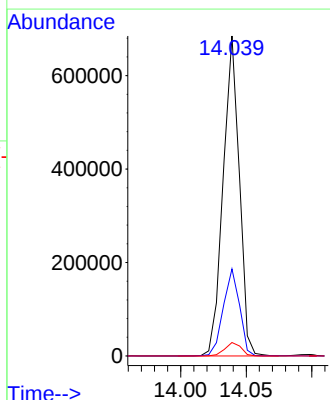
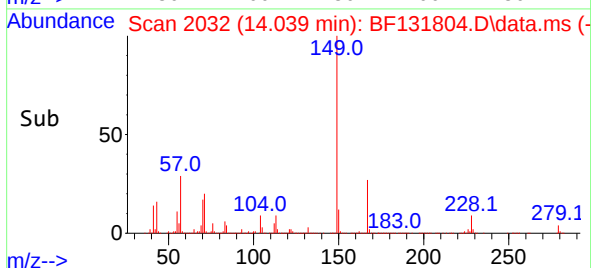
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

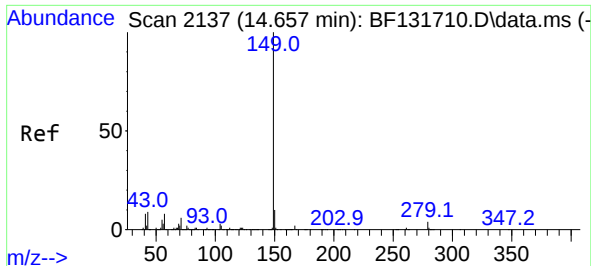


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.369 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:149 Resp: 586966
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 4.2 3.8 5.6





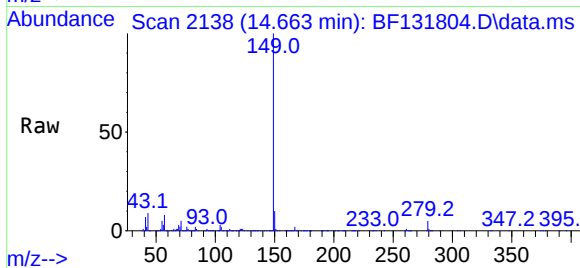
#85
Di-n-octyl phthalate
Concen: 55.873 ng
RT: 14.663 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

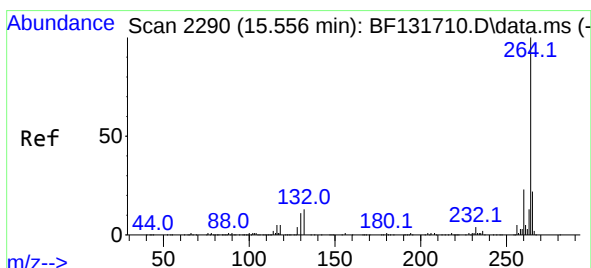
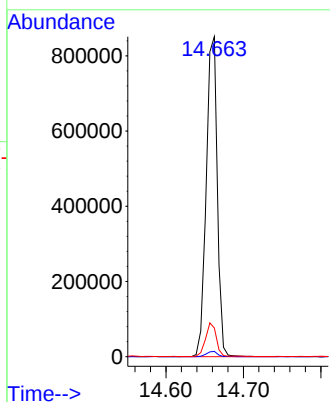
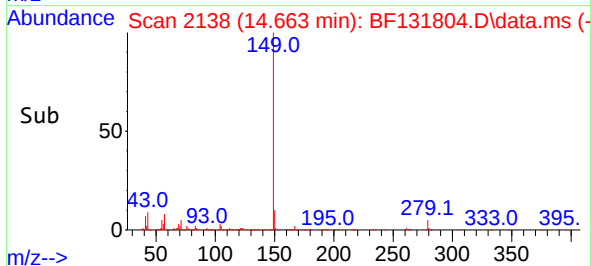


Tgt Ion:149 Resp: 842023
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 8.3 12.5

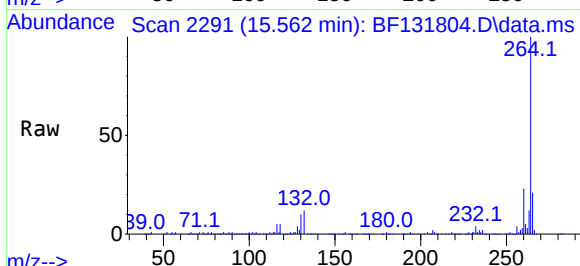
Manual Integrations

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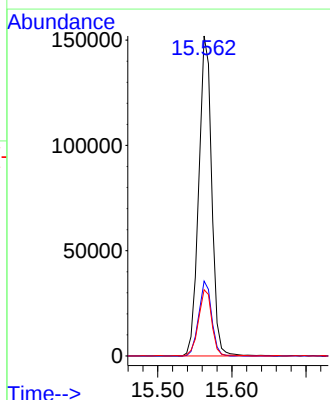
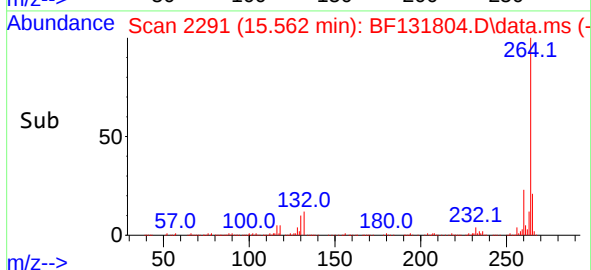
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

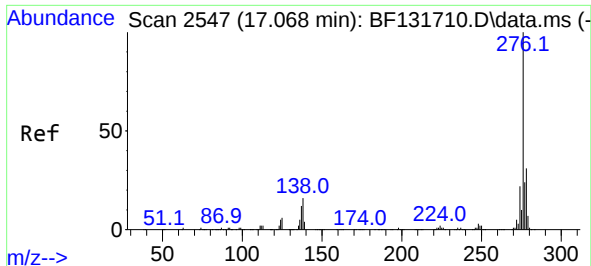


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



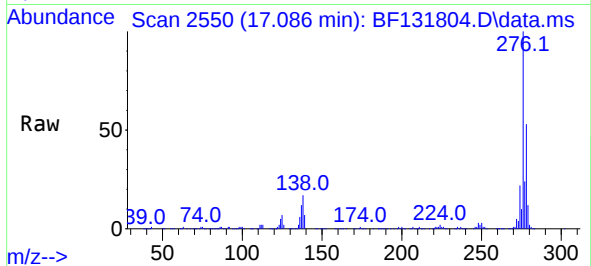
Tgt Ion:264 Resp: 184066
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 20.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.137 ng
RT: 17.086 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

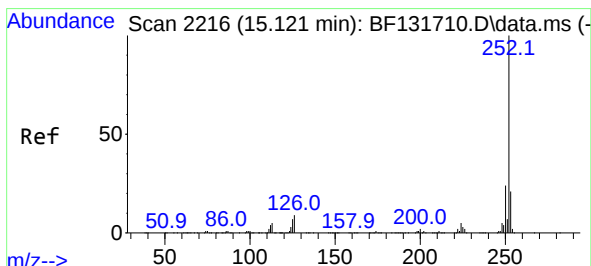
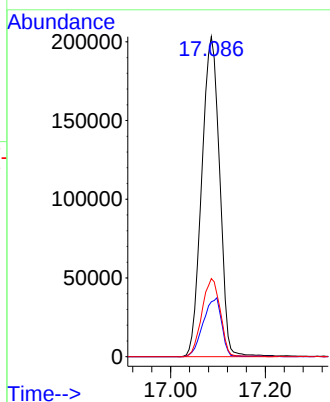
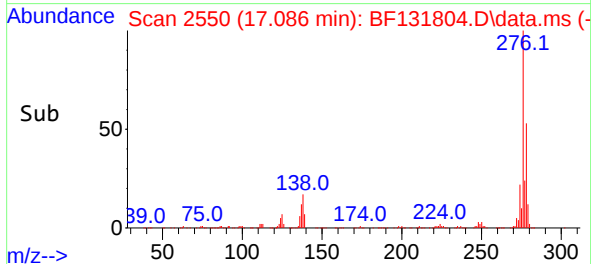
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



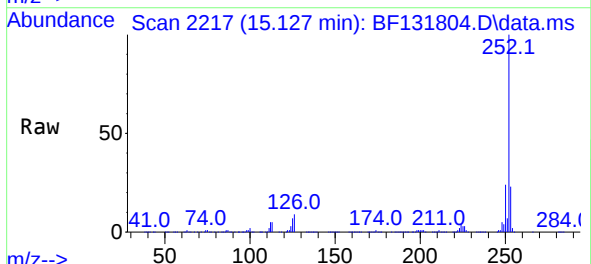
Tgt Ion:276 Resp: 53331
Ion Ratio Lower Upper
276 100
138 18.9 14.4 21.6
277 25.1 19.8 29.8

Manual Integrations
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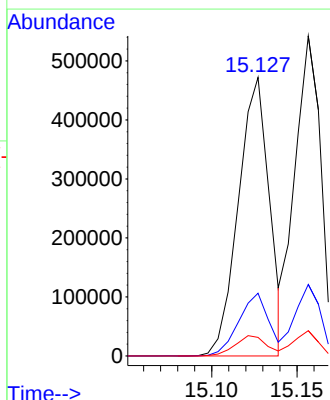
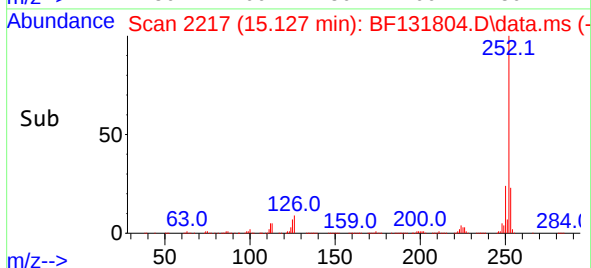
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

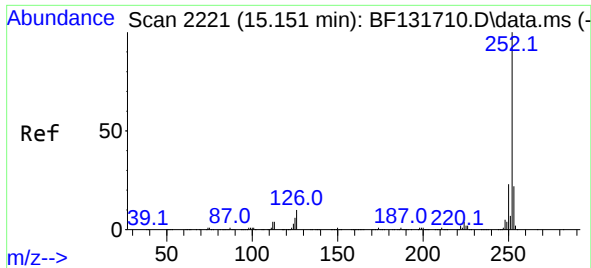


#88
Benzo(b)fluoranthene
Concen: 45.860 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:252 Resp: 597204
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 6.7 5.5 8.3





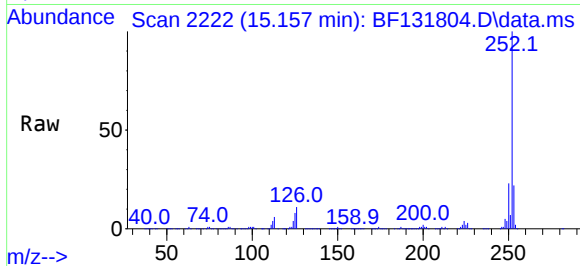
#89
Benzo(k)fluoranthene
Concen: 45.296 ng m
RT: 15.157 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB149851BSD

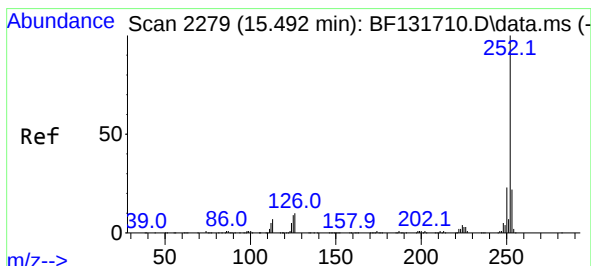
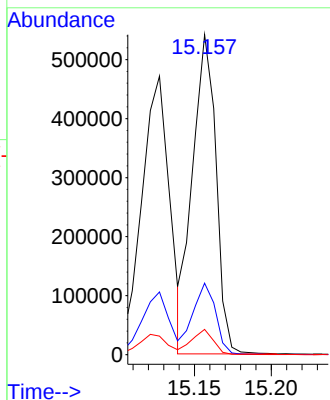
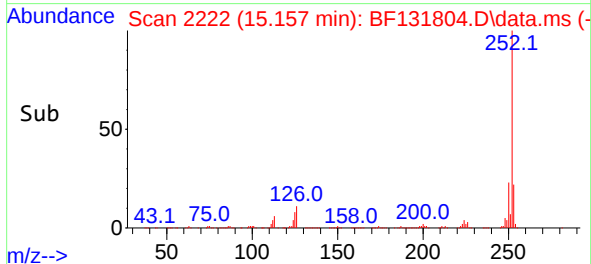


Tgt Ion:252 Resp: 575579
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.9 5.2 7.8

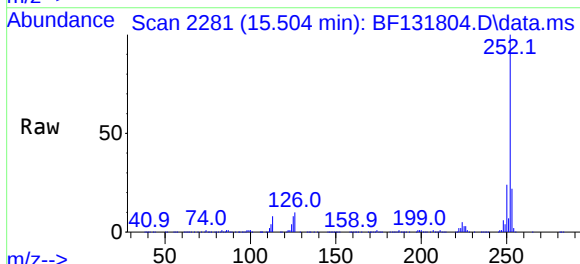
Manual Integrations

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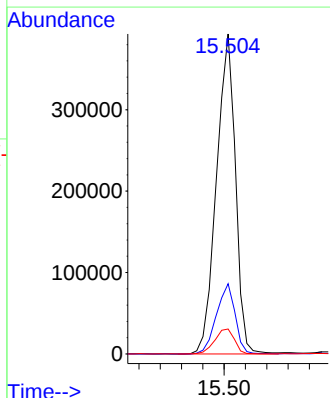
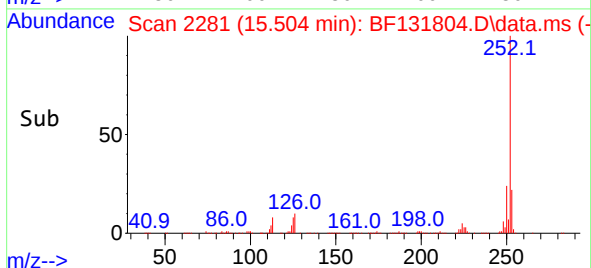
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

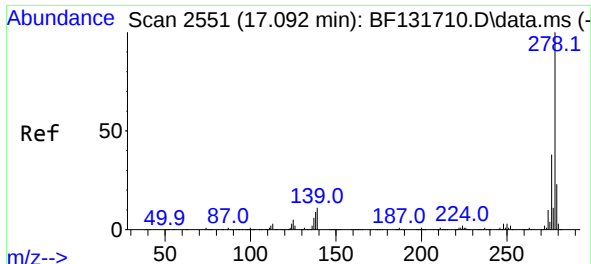


#90
Benzo(a)pyrene
Concen: 47.012 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



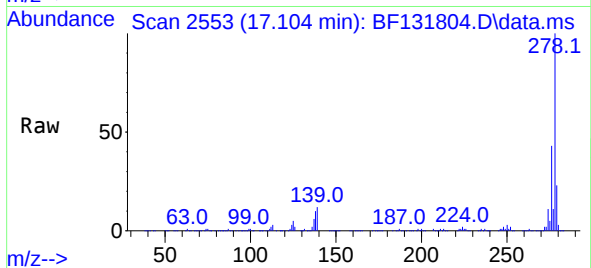
Tgt Ion:252 Resp: 484934
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.8 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 46.005 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26

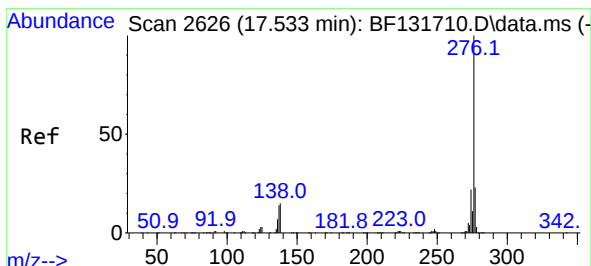
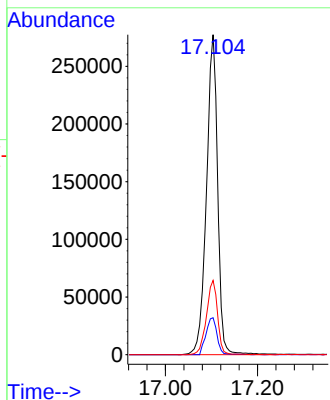
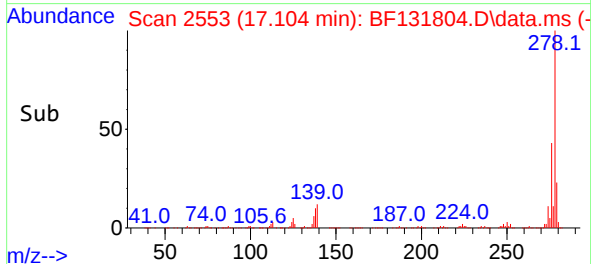
Instrument :
BNA_F
ClientSampleId :
PB149851BSD



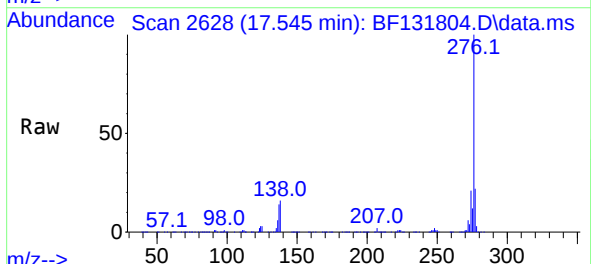
Tgt Ion:278 Resp: 470039
Ion Ratio Lower Upper
278 100
139 11.6 8.7 13.1
279 23.2 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#92
Benzo(g,h,i)perylene
Concen: 43.647 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BF131804.D
Acq: 23 Dec 2022 13:26



Tgt Ion:276 Resp: 440776
Ion Ratio Lower Upper
276 100
277 22.3 18.3 27.5
138 15.8 12.3 18.5

