

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131807.D
 Acq On : 23 Dec 2022 15:30
 Operator : CG\JU
 Sample : PB149887BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149887BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 03:05:47 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	93833	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	377671	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	242649	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	463624	20.000	ng	0.00
76) Chrysene-d12	14.068	240	292664	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	185838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	803306	144.158	ng	0.02
7) Phenol-d6	6.492	99	1047562	139.669	ng	0.00
23) Nitrobenzene-d5	7.428	82	741056	79.657	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	366477	137.987	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1373543	79.295	ng	0.00
79) Terphenyl-d14	13.010	244	1768148	94.159	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	91231	35.035	ng	97
3) Pyridine	3.398	79	243195	32.753	ng	98
4) n-Nitrosodimethylamine	3.375	42	146358	43.567	ng	92
6) Aniline	6.516	93	223080	24.092	ng	95
8) 2-Chlorophenol	6.634	128	280434	46.855	ng	99
10) Phenol	6.504	94	386806	43.195	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	320480	50.011	ng	98
12) 1,3-Dichlorobenzene	6.792	146	294021	43.458	ng	96
13) 1,4-Dichlorobenzene	6.869	146	301934	43.660	ng	98
14) 1,2-Dichlorobenzene	7.022	146	286842	44.299	ng	97
15) Benzyl Alcohol	7.004	79	214328	31.994	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	385436	47.171	ng	92
17) 2-Methylphenol	7.116	107	252975	44.773	ng	94
18) Hexachloroethane	7.363	117	124970	45.586	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	249341	46.095	ng	97
20) 3+4-Methylphenols	7.269	107	324953	44.686	ng	100
22) Acetophenone	7.269	105	463724	42.075	ng	# 93
24) Nitrobenzene	7.445	77	379574	40.134	ng	99
25) Isophorone	7.681	82	701696	44.414	ng	99
26) 2-Nitrophenol	7.757	139	157540	42.622	ng	98
27) 2,4-Dimethylphenol	7.798	122	266190	50.564	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	395746	47.170	ng	99
29) 2,4-Dichlorophenol	8.004	162	273671	43.062	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	303443	40.614	ng	100
31) Naphthalene	8.163	128	828988	40.192	ng	100
32) Benzoic acid	7.951	122	189251	44.910	ng	97
33) 4-Chloroaniline	8.216	127	92094	11.449	ng	97
34) Hexachlorobutadiene	8.275	225	200805	39.947	ng	97
35) Caprolactam	8.616	113	75557m	39.428	ng	
36) 4-Chloro-3-methylphenol	8.716	107	322017	44.355	ng	98
37) 2-Methylnaphthalene	8.863	142	581656	41.342	ng	99
38) 1-Methylnaphthalene	8.963	142	543859	39.912	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	332602	40.064	ng	99
41) Hexachlorocyclopentadiene	9.010	237	377848	100.461	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	215845	39.801	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	233447	39.764	ng	94

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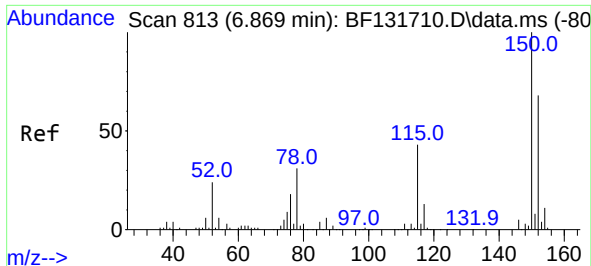
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	751266	41.161	ng	99
47) 2-Chloronaphthalene	9.357	162	593306	39.698	ng	99
48) 2-Nitroaniline	9.463	65	217670	40.408	ng	99
49) Acenaphthylene	9.775	152	894104	39.886	ng	99
50) Dimethylphthalate	9.639	163	767738	42.049	ng	100
51) 2,6-Dinitrotoluene	9.704	165	167669	42.708	ng	98
52) Acenaphthene	9.945	154	534738	38.940	ng	99
53) 3-Nitroaniline	9.875	138	81926	20.395	ng	100
54) 2,4-Dinitrophenol	9.986	184	212067	90.150	ng	96
55) Dibenzofuran	10.122	168	834955	39.651	ng	99
56) 4-Nitrophenol	10.051	139	204502	71.128	ng	98
57) 2,4-Dinitrotoluene	10.116	165	224339	42.525	ng	95
58) Fluorene	10.469	166	685039	40.237	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	199328m	40.669	ng	
60) Diethylphthalate	10.345	149	751603	42.722	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	382192	42.237	ng	98
62) 4-Nitroaniline	10.504	138	132035	32.659	ng	93
63) Azobenzene	10.616	77	793635	41.080	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	137457	43.184	ng	84
66) n-Nitrosodiphenylamine	10.580	169	592090	41.182	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	234259	42.781	ng	99
68) Hexachlorobenzene	11.016	284	256298	42.558	ng	# 90
69) Atrazine	11.104	200	84360	17.602	ng	99
70) Pentachlorophenol	11.216	266	269368	84.274	ng	98
71) Phenanthrene	11.439	178	1005725	39.782	ng	99
72) Anthracene	11.486	178	1022977	41.327	ng	99
73) Carbazole	11.645	167	851962	39.782	ng	99
74) Di-n-butylphthalate	11.974	149	1190770	44.654	ng	99
75) Fluoranthene	12.633	202	1114566	39.586	ng	99
77) Benzidine	12.757	184	44525	8.297	ng	100
78) Pyrene	12.863	202	1106385	41.580	ng	100
80) Butylbenzylphthalate	13.480	149	446129	47.537	ng	97
81) Benzo(a)anthracene	14.057	228	842630	39.977	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	165990	28.207	ng	99
83) Chrysene	14.098	228	776725	39.043	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	619662	55.373	ng	99
85) Di-n-octyl phthalate	14.657	149	855106	54.740	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	563021	45.105	ng	99
88) Benzo(b)fluoranthene	15.121	252	622170	47.321	ng	98
89) Benzo(k)fluoranthene	15.157	252	579138	45.141	ng	99
90) Benzo(a)pyrene	15.504	252	492551	47.295	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	493262	47.817	ng	99
92) Benzo(g,h,i)perylene	17.545	276	462610	45.372	ng	98

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



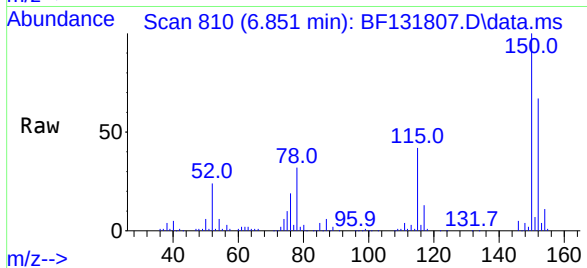
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

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PB149887BS

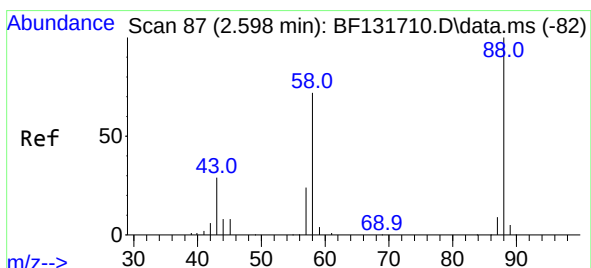
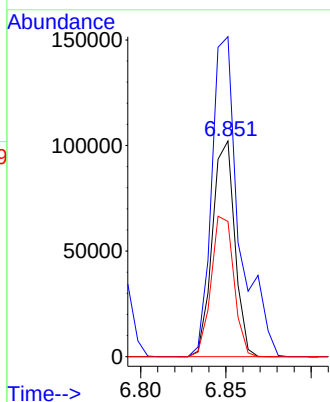
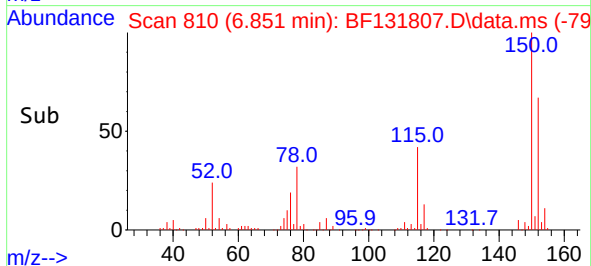


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Ion Ratio Lower Upper
152 100
150 148.4 117.4 176.0
115 62.7 50.2 75.4

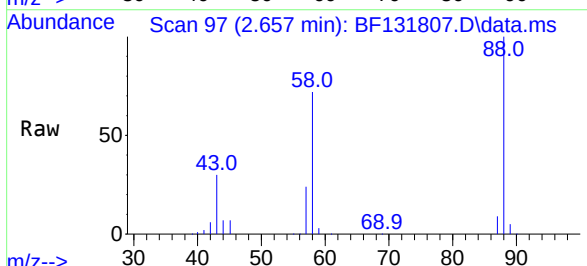
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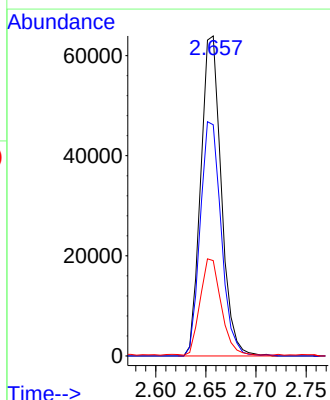
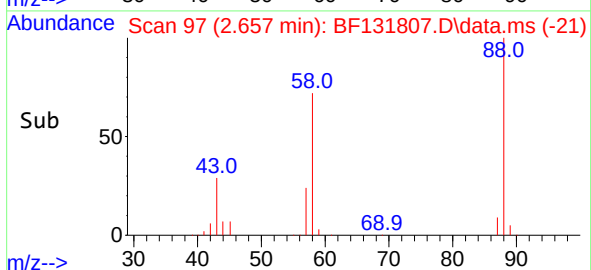
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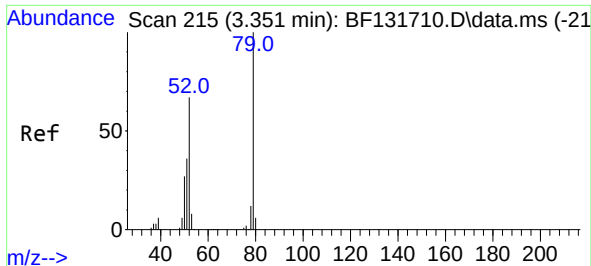


#2
1,4-Dioxane
Concen: 35.035 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.094 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



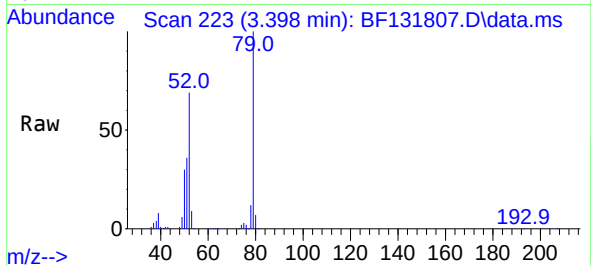
Tgt Ion: 88 Resp: 91231
Ion Ratio Lower Upper
88 100
58 74.8 57.5 86.3
43 30.9 23.3 34.9





#3
Pyridine
Concen: 32.753 ng
RT: 3.398 min Scan# 219
Delta R.T. 0.082 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

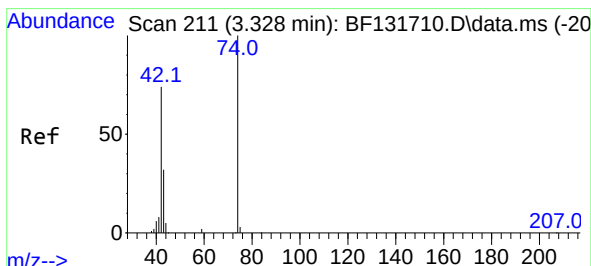
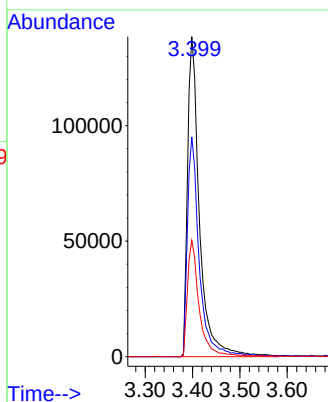
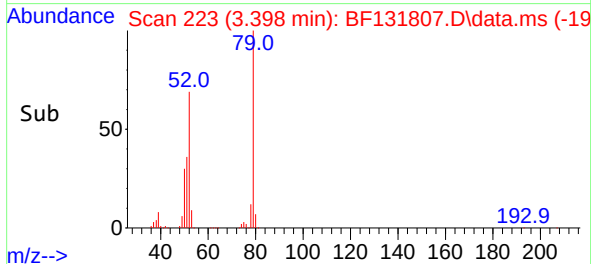
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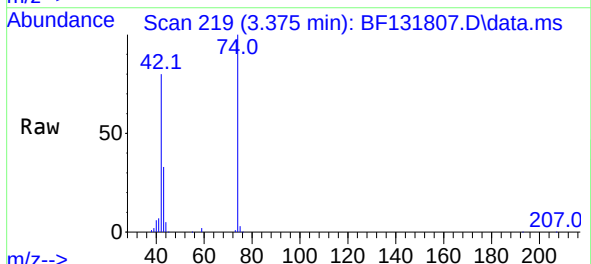
Tgt Ion: 79 Resp: 24319
Ion Ratio Lower Upper
79 100
52 68.6 53.7 80.5
51 36.4 28.6 42.8

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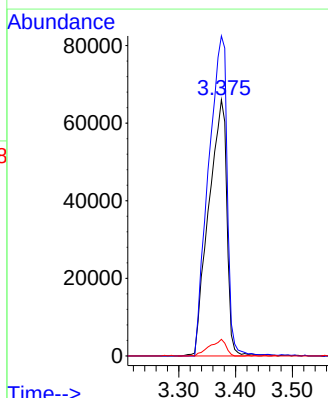
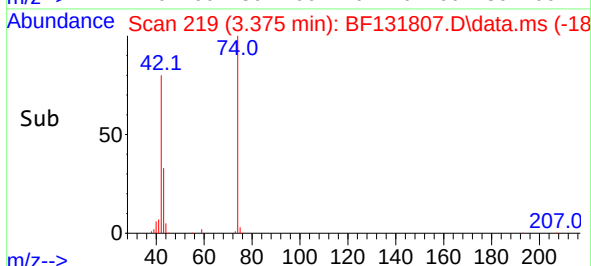
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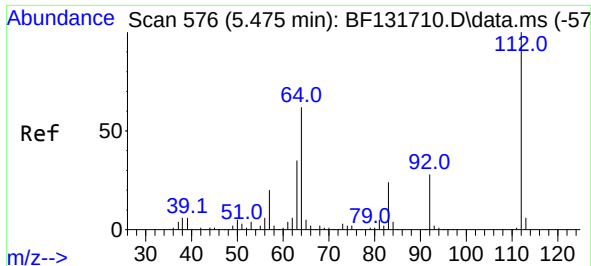


#4
n-Nitrosodimethylamine
Concen: 43.567 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.082 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion: 42 Resp: 146358
Ion Ratio Lower Upper
42 100
74 124.9 107.8 161.8
44 6.5 5.5 8.3





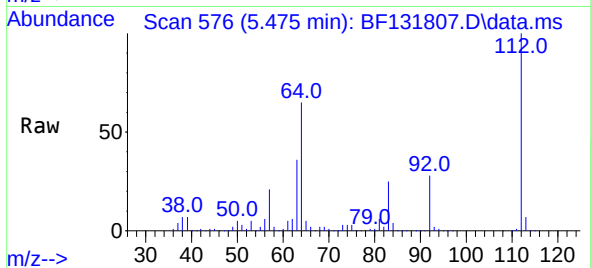
#5
2-Fluorophenol
Concen: 144.158 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

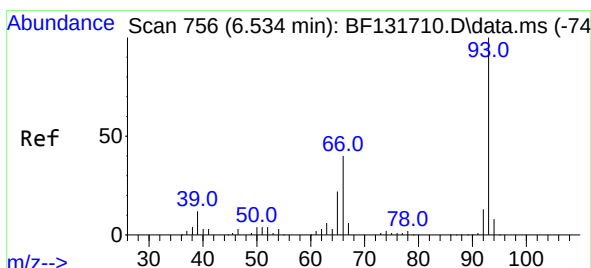
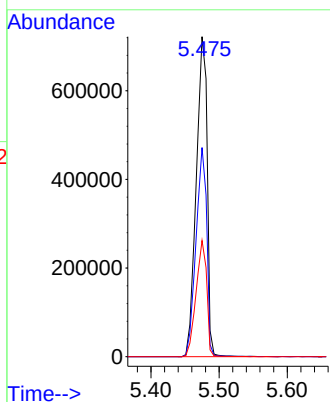
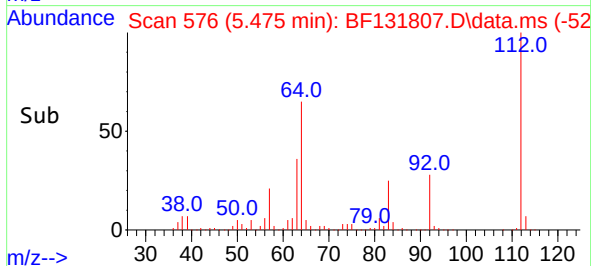


Tgt Ion:112 Resp: 803300
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 36.3 28.2 42.2

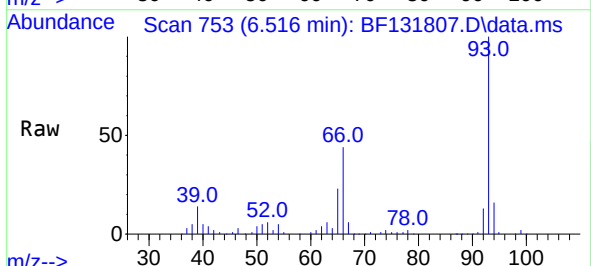
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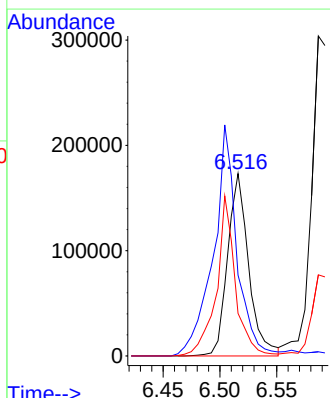
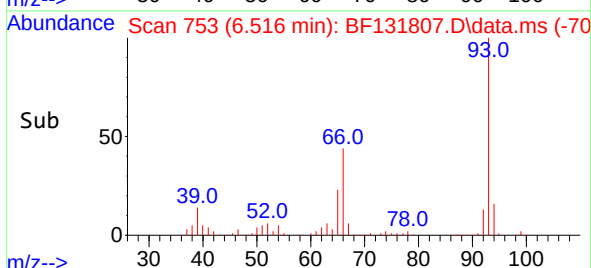
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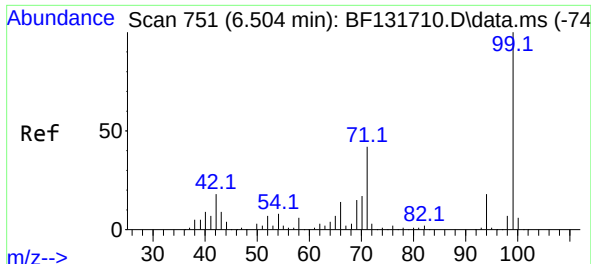


#6
Aniline
Concen: 24.092 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion: 93 Resp: 223080
Ion Ratio Lower Upper
93 100
66 44.3 32.8 49.2
65 23.3 17.4 26.2





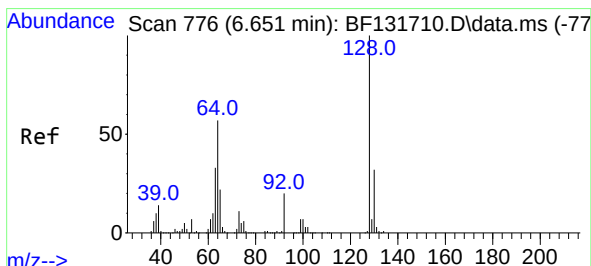
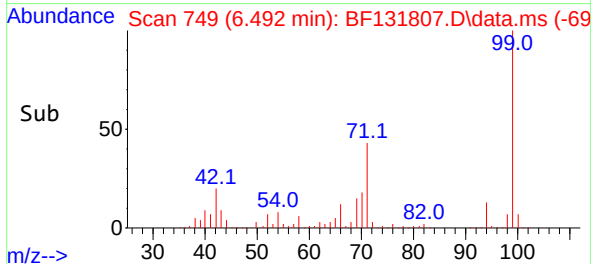
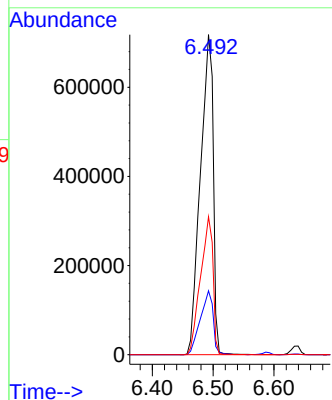
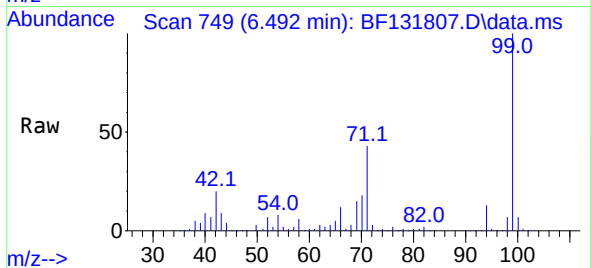
#7
Phenol-d6
Concen: 139.669 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :
BNA_F
ClientSampleId :
PB149887BS

Tgt Ion: 99 Resp: 1047562
Ion Ratio Lower Upper
99 100
42 20.0 14.8 22.2
71 43.1 33.8 50.6

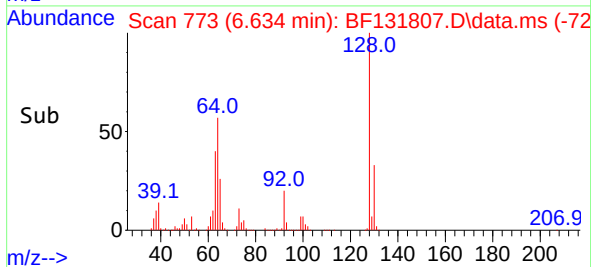
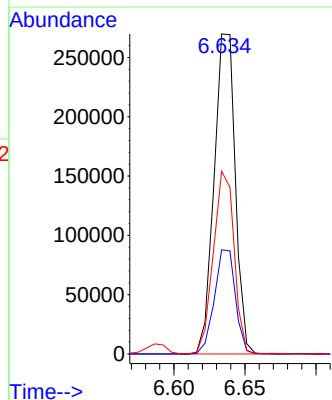
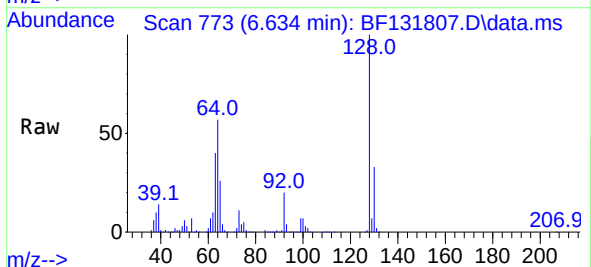
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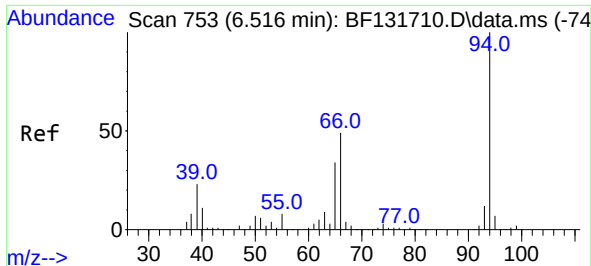
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#8
2-Chlorophenol
Concen: 46.855 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

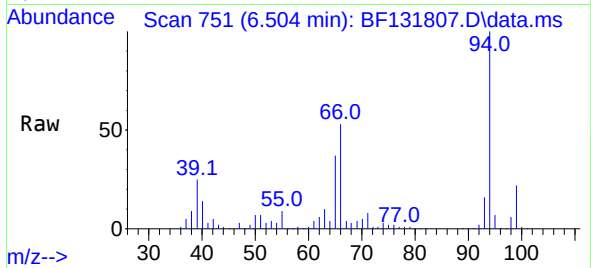
Tgt Ion:128 Resp: 280434
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 57.1 37.7 77.7





#10
Phenol
Concen: 43.195 ng
RT: 6.504 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF131807.D
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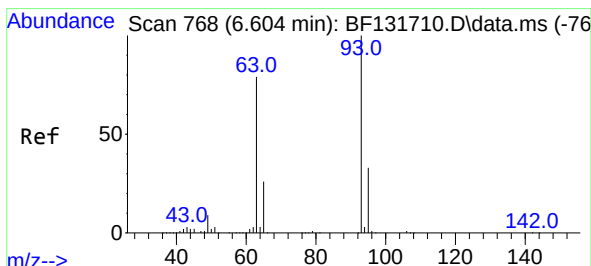
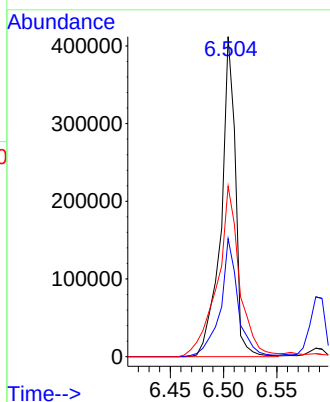
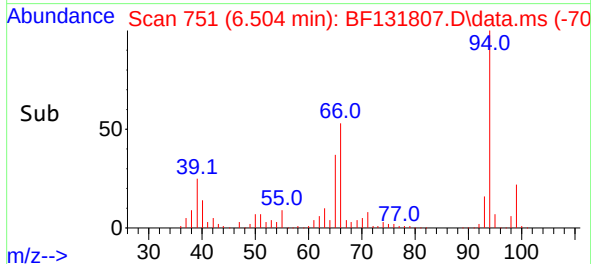
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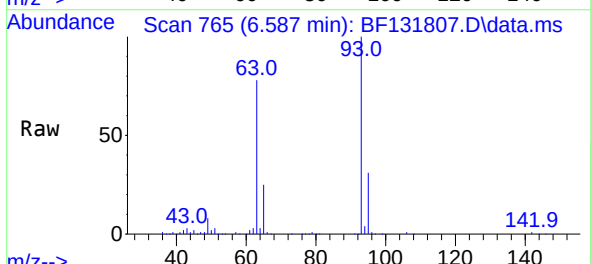
Tgt Ion: 94 Resp: 386800
Ion Ratio Lower Upper
94 100
65 36.9 14.0 54.0
66 53.3 28.8 68.8

Manual Integrations
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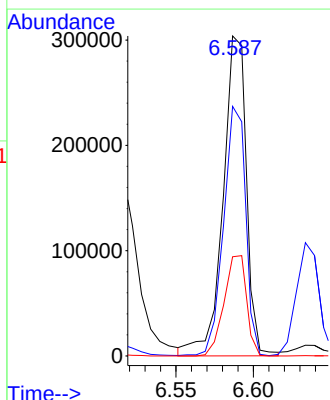
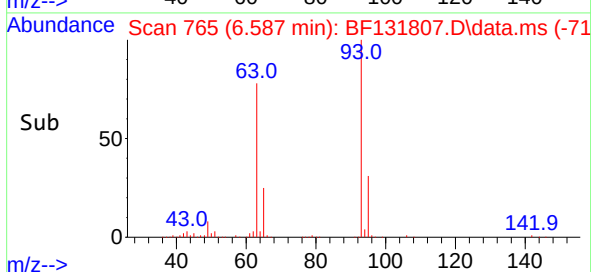
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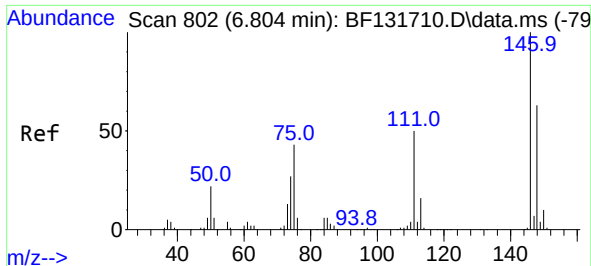


#11
bis(2-Chloroethyl)ether
Concen: 50.011 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion: 93 Resp: 320480
Ion Ratio Lower Upper
93 100
63 78.0 59.0 99.0
95 31.0 12.6 52.6





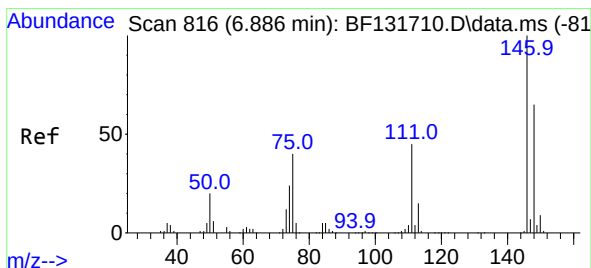
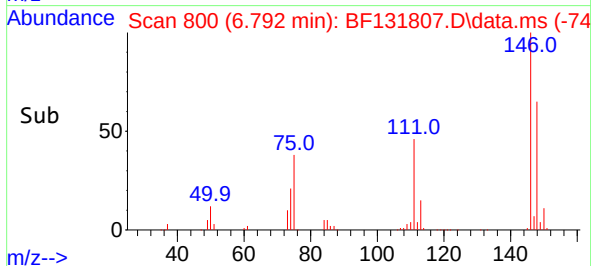
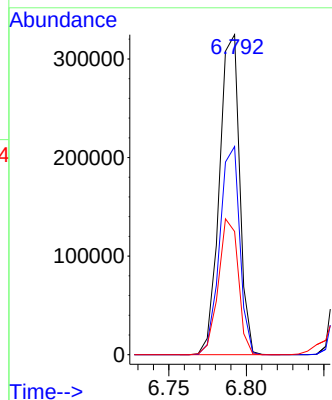
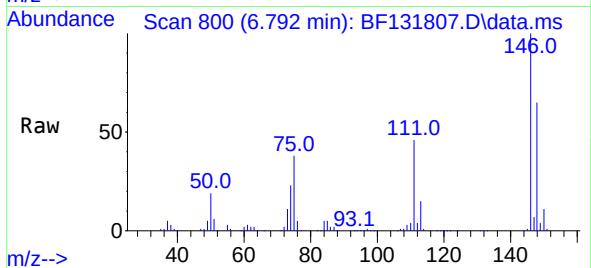
#12
1,3-Dichlorobenzene
Concen: 43.458 ng
RT: 6.792 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :
BNA_F
ClientSampleId :
PB149887BS

Tgt Ion:146 Resp: 29402
Ion Ratio Lower Upper
146 100
148 65.0 50.6 76.0
75 38.5 34.3 51.5

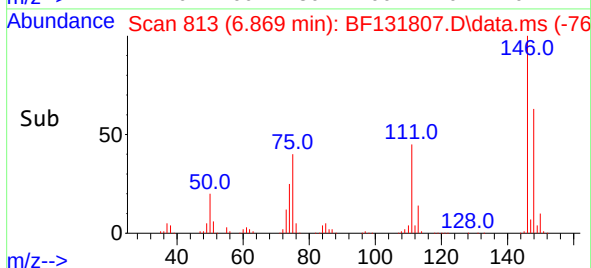
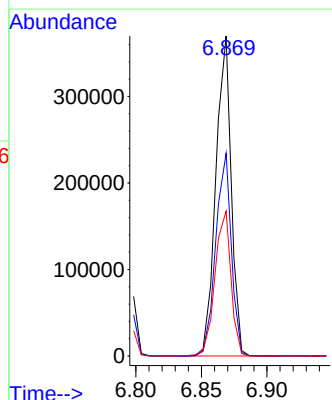
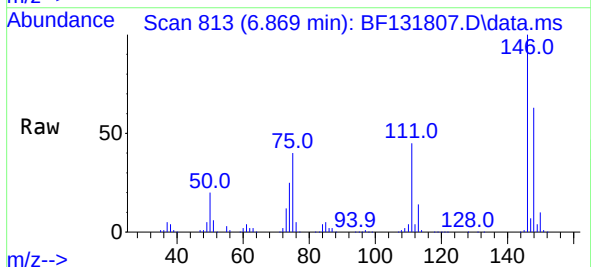
Manual Integrations
APPROVED

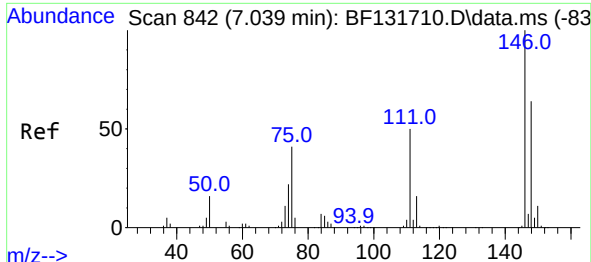
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#13
1,4-Dichlorobenzene
Concen: 43.660 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

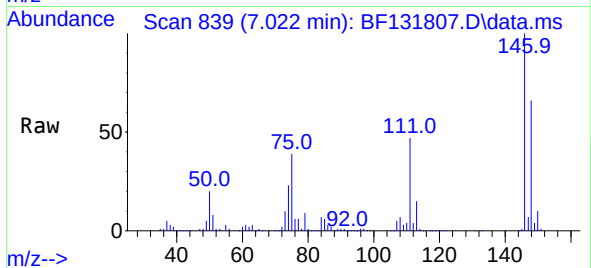
Tgt Ion:146 Resp: 301934
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 45.3 36.4 54.6





#14
1,2-Dichlorobenzene
Concen: 44.299 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

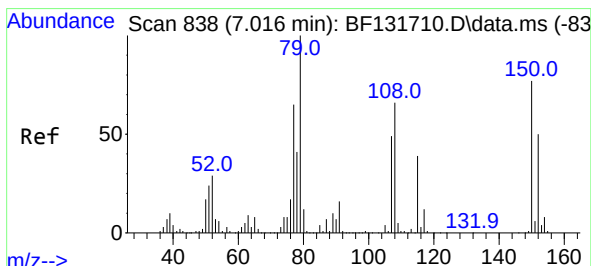
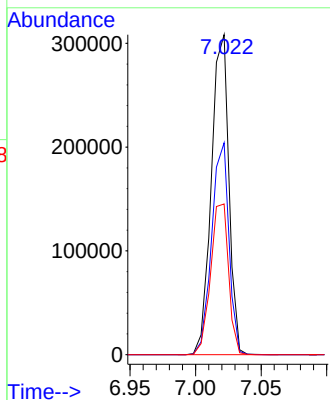
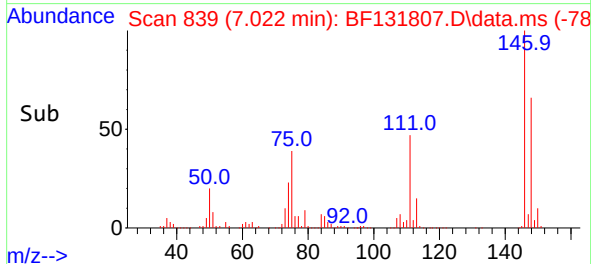
Instrument :
BNA_F
ClientSampleId :
PB149887BS



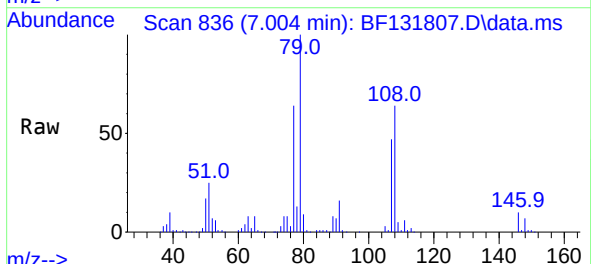
Tgt Ion:146 Resp: 28684
Ion Ratio Lower Upper
146 100
148 66.2 51.4 77.0
111 47.1 39.8 59.6

Manual Integrations
APPROVED

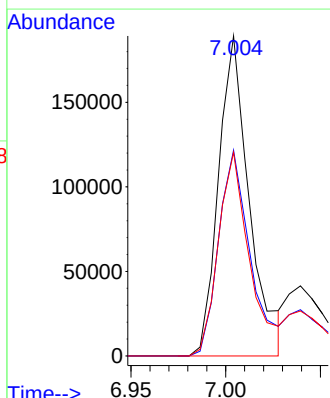
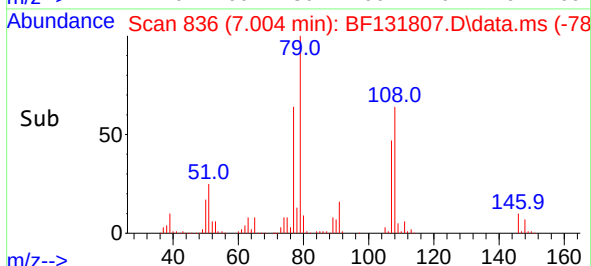
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

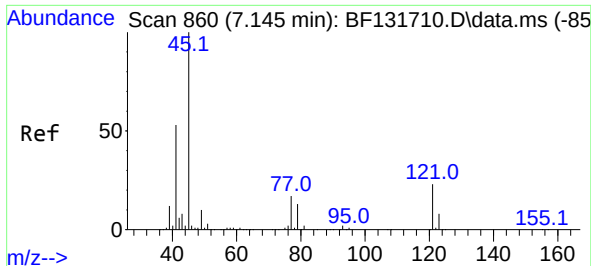


#15
Benzyl Alcohol
Concen: 31.994 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion: 79 Resp: 214328
Ion Ratio Lower Upper
79 100
108 64.3 52.6 78.8
77 63.6 51.7 77.5





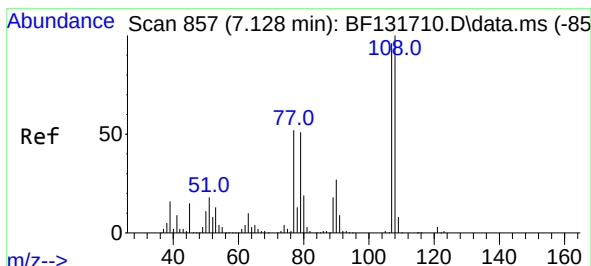
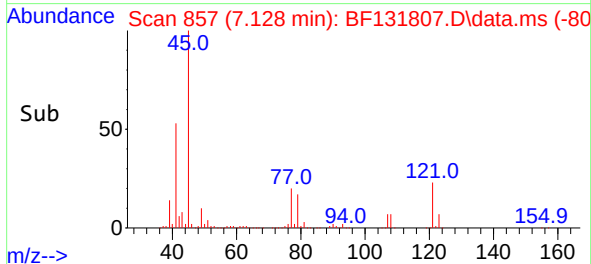
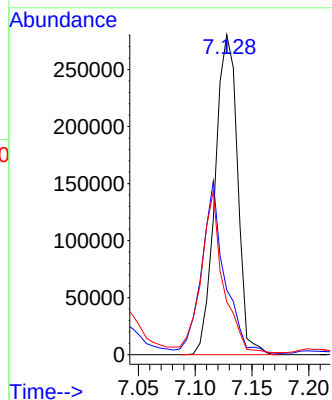
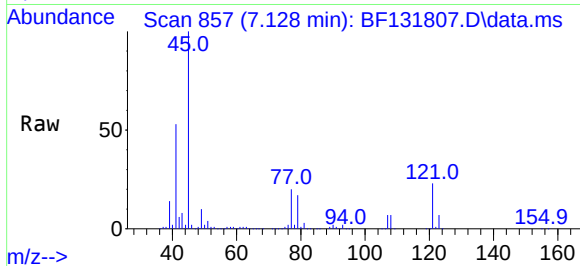
#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.171 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :
BNA_F
ClientSampleId :
PB149887BS

Tgt Ion: 45 Resp: 385430
Ion Ratio Lower Upper
45 100
77 20.2 0.0 36.8
79 16.5 0.0 33.1

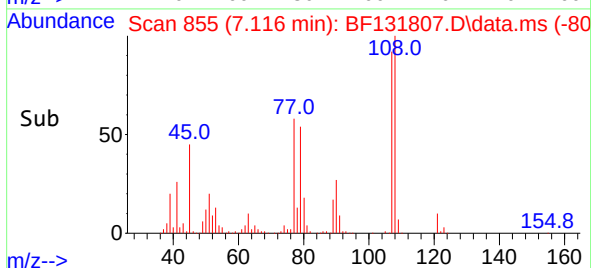
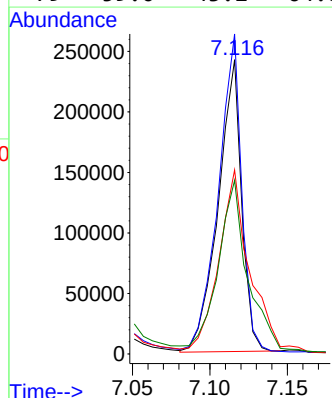
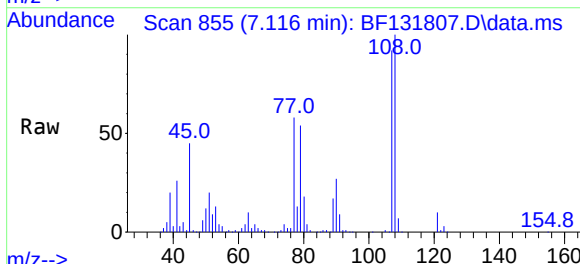
Manual Integrations
APPROVED

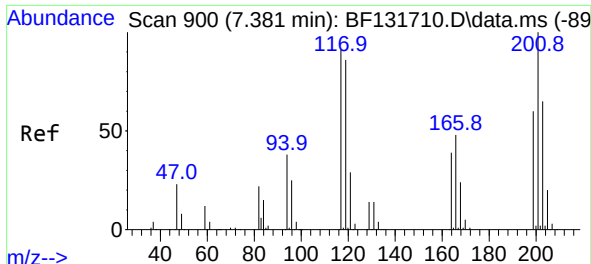
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#17
2-Methylphenol
Concen: 44.773 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:107 Resp: 252975
Ion Ratio Lower Upper
107 100
108 108.8 83.8 125.6
77 62.5 43.8 65.8
79 59.0 43.2 64.8





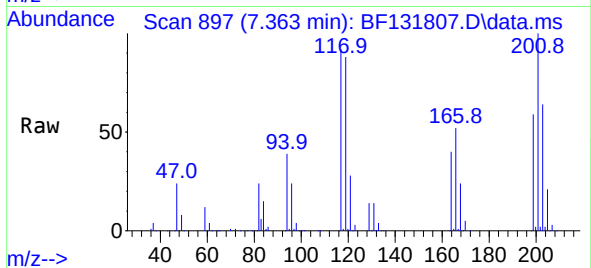
#18
Hexachloroethane
Concen: 45.586 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

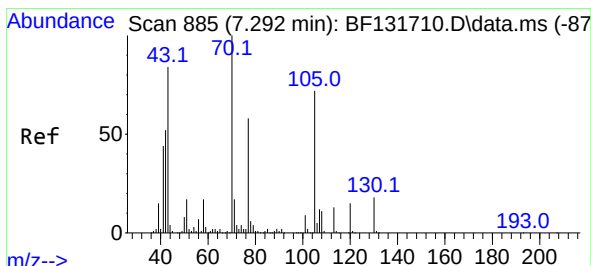
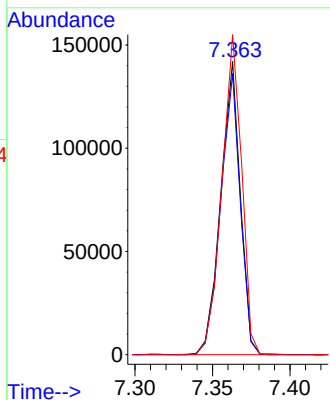
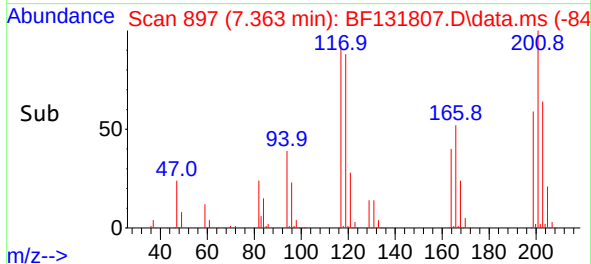


Tgt Ion:117 Resp: 124970
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 109.2 88.2 132.4

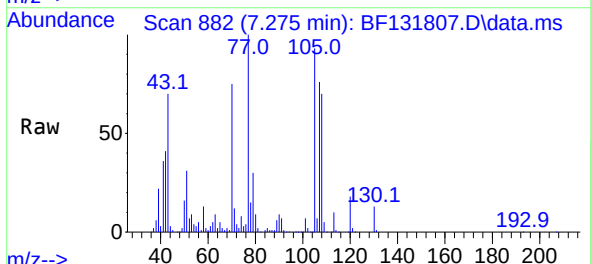
Manual Integrations

APPROVED

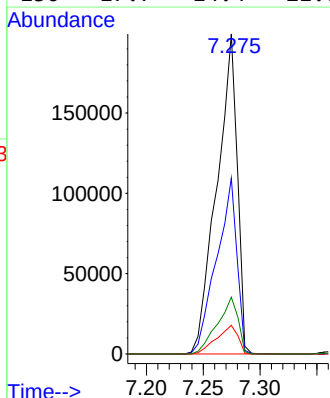
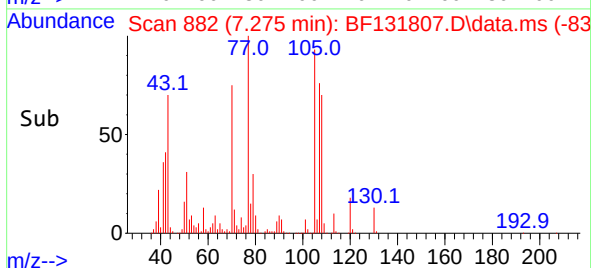
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

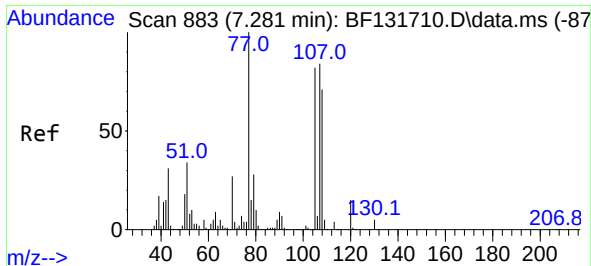


#19
n-Nitroso-di-n-propylamine
Concen: 46.095 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion: 70 Resp: 249341
Ion Ratio Lower Upper
70 100
42 55.0 41.5 62.3
101 9.0 7.3 10.9
130 17.7 14.4 21.6





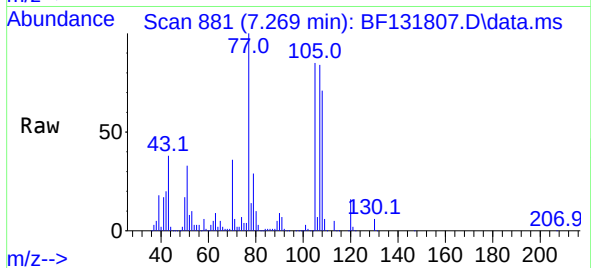
#20
3+4-Methylphenols
Concen: 44.686 ng
RT: 7.269 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

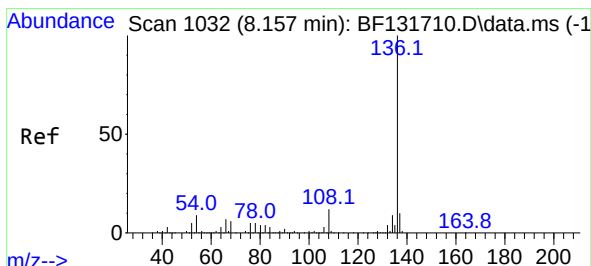
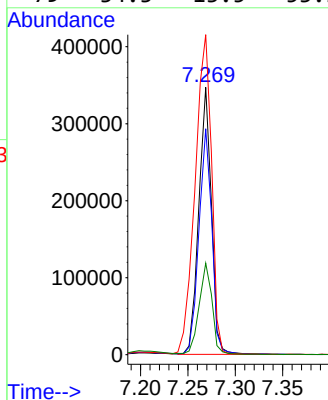
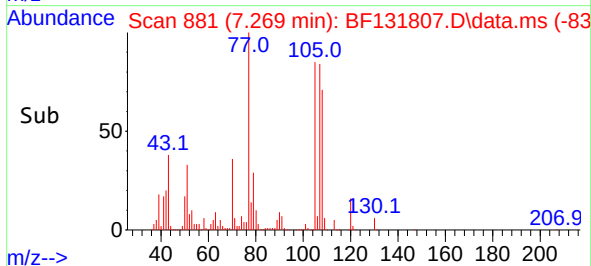


Tgt Ion:107 Resp: 32495
Ion Ratio Lower Upper
107 100
108 84.5 65.2 105.2
77 119.7 99.6 139.6
79 34.3 13.5 53.5

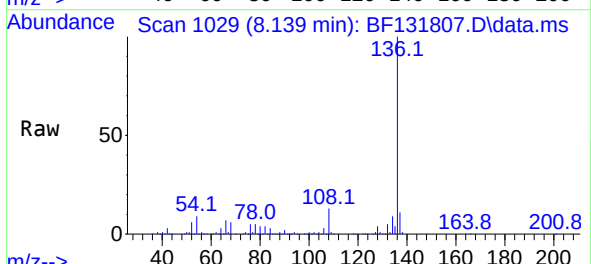
Manual Integrations

APPROVED

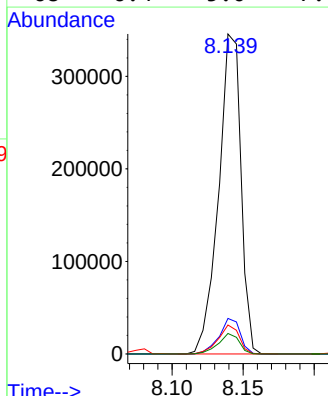
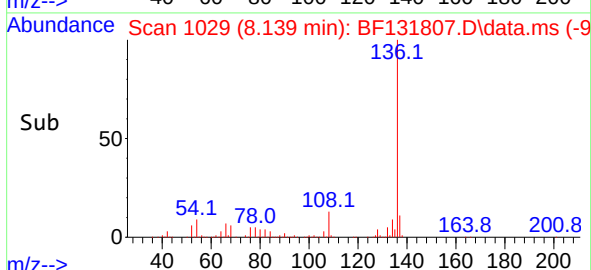
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

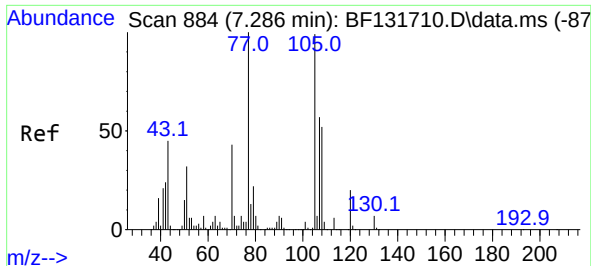


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:136 Resp: 377671
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.1 7.2 10.8
68 6.4 5.0 7.6





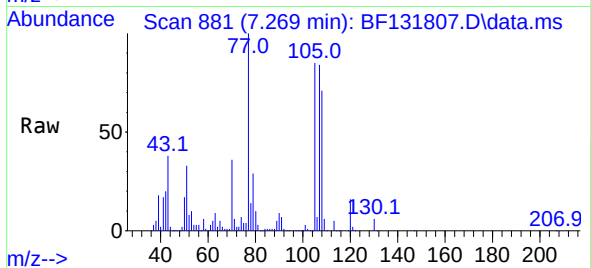
#22
Acetophenone
Concen: 42.075 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

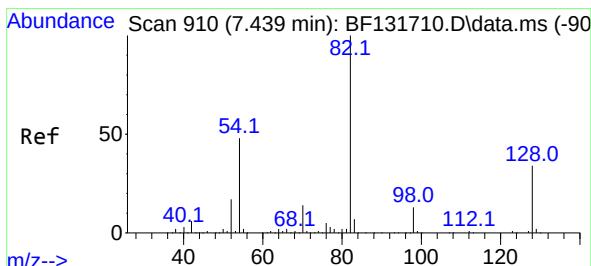
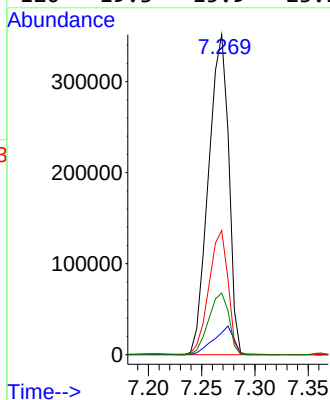
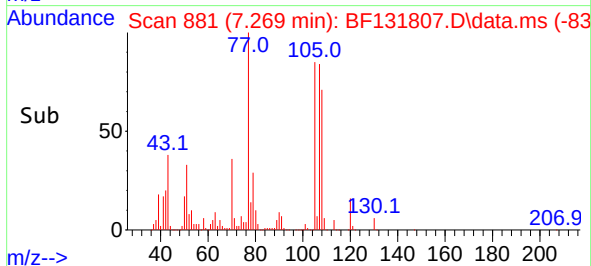


Tgt Ion:105 Resp: 463724
Ion Ratio Lower Upper
105 100
71 6.9 5.5 8.3
51 38.9 25.5 38.3
120 19.3 15.9 23.9

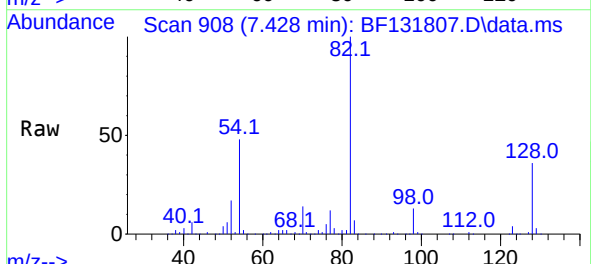
Manual Integrations

APPROVED

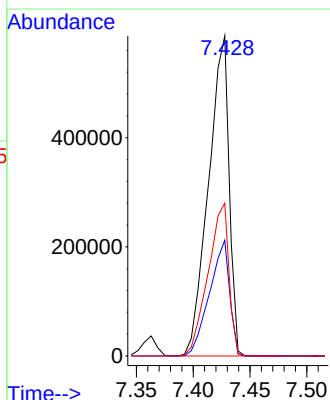
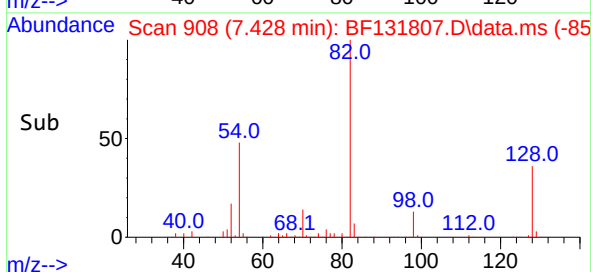
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

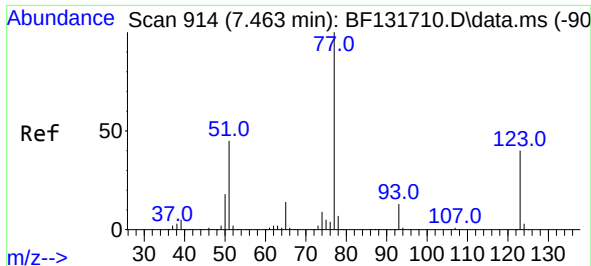


#23
Nitrobenzene-d5
Concen: 79.657 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion: 82 Resp: 741056
Ion Ratio Lower Upper
82 100
128 36.1 27.3 40.9
54 47.7 38.2 57.2





#24
Nitrobenzene
Concen: 40.134 ng
RT: 7.445 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

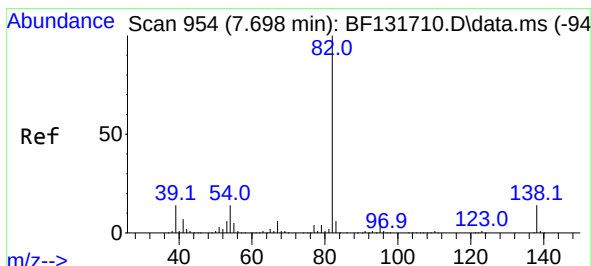
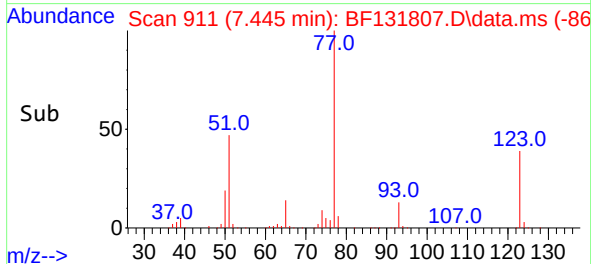
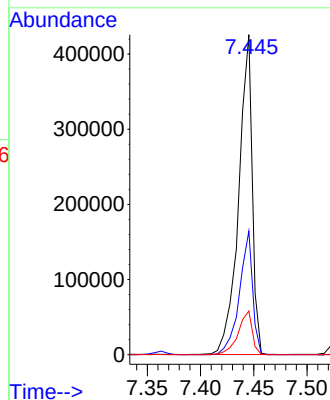
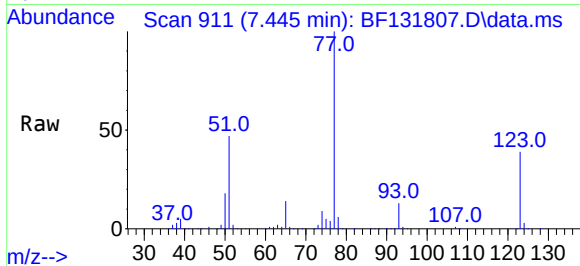
PB149887BS

Tgt Ion: 77 Resp: 379574
Ion Ratio Lower Upper
77 100
123 38.6 31.8 47.6
65 13.7 10.9 16.3

Manual Integrations

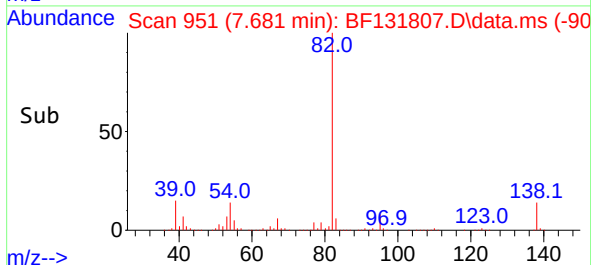
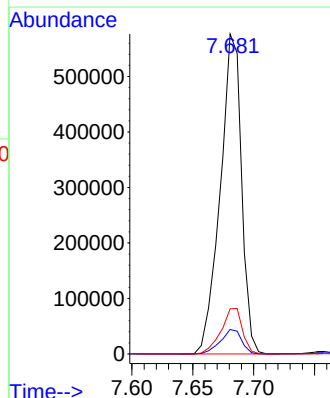
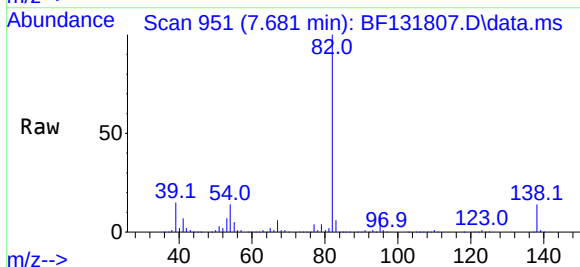
APPROVED

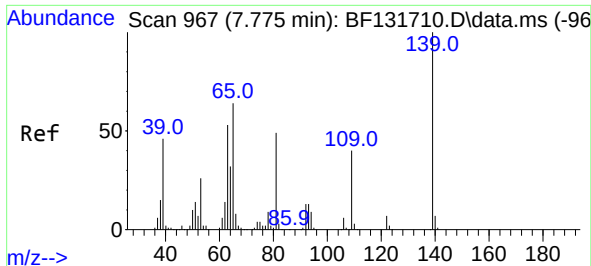
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#25
Isophorone
Concen: 44.414 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion: 82 Resp: 701696
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 14.1 11.6 17.4





#26
2-Nitrophenol
Concen: 42.622 ng
RT: 7.757 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

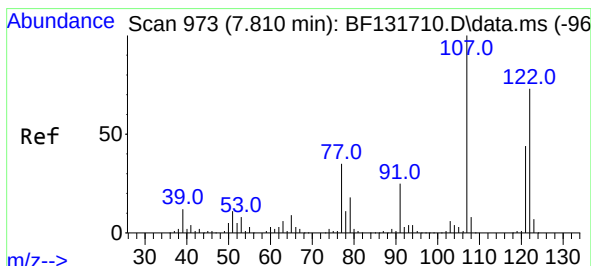
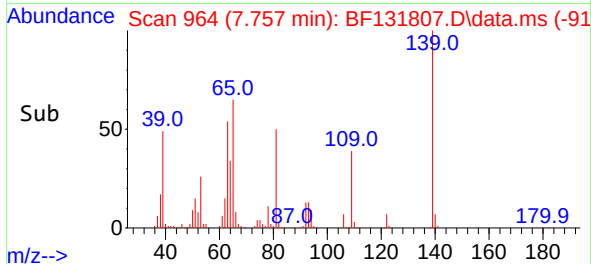
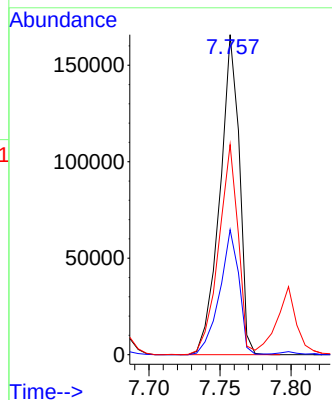
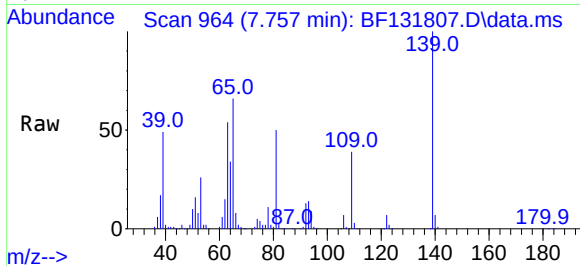
ClientSampleId :

PB149887BS

Tgt Ion:139 Resp: 157540
Ion Ratio Lower Upper
139 100
109 39.0 31.8 47.6
65 65.6 51.4 77.0

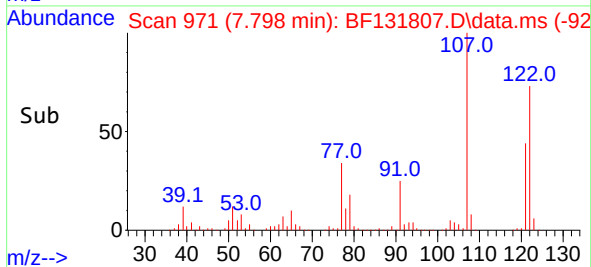
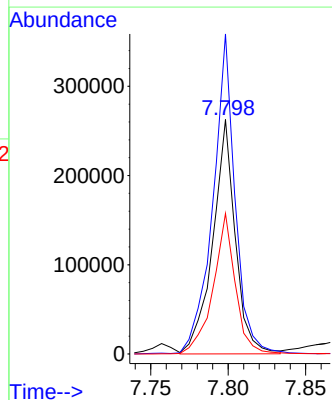
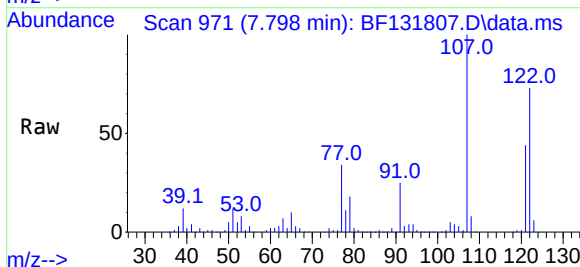
Manual Integrations
APPROVED

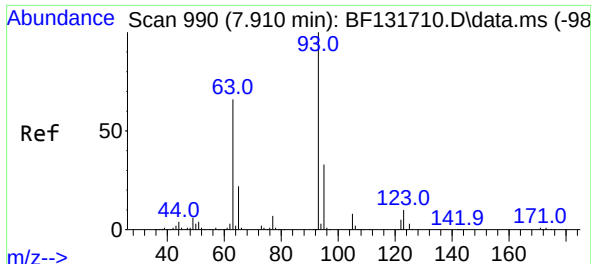
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#27
2,4-Dimethylphenol
Concen: 50.564 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:122 Resp: 266190
Ion Ratio Lower Upper
122 100
107 136.5 110.1 165.1
121 59.9 47.9 71.9





#28

bis(2-Chloroethoxy)methane

Concen: 47.170 ng

RT: 7.892 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

Tgt Ion: 93 Resp: 395740

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

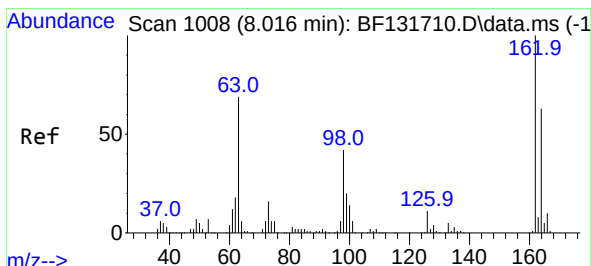
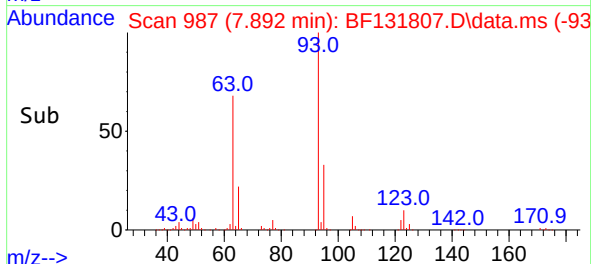
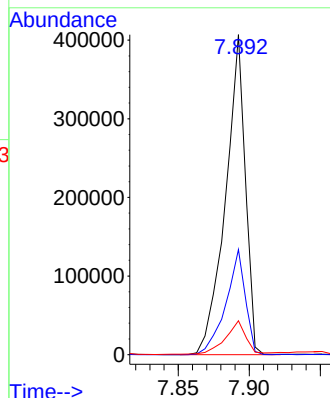
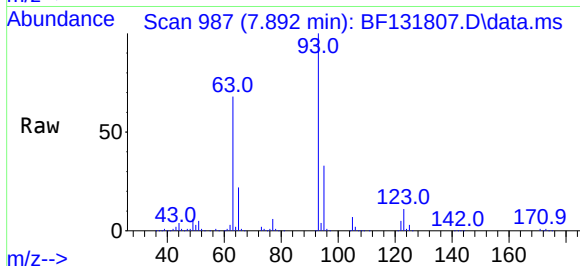
123 10.6 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#29

2,4-Dichlorophenol

Concen: 43.062 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

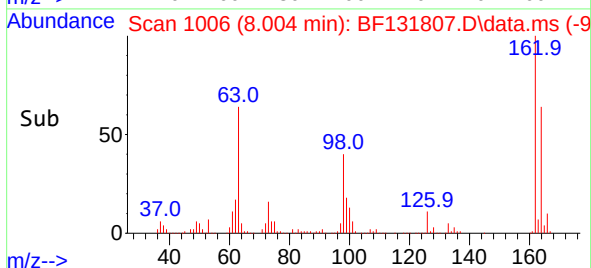
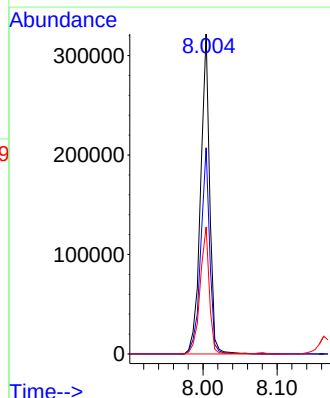
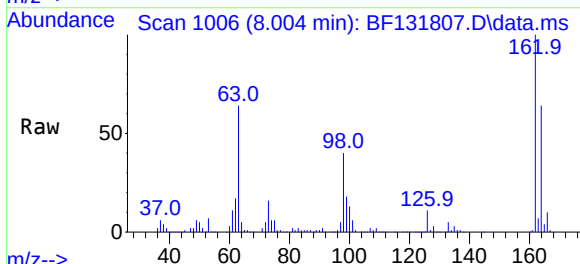
Tgt Ion:162 Resp: 273671

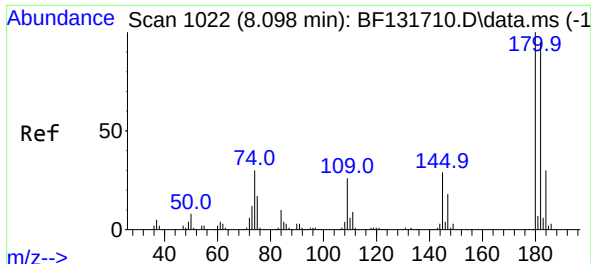
Ion Ratio Lower Upper

162 100

164 64.5 42.9 82.9

98 39.7 21.9 61.9





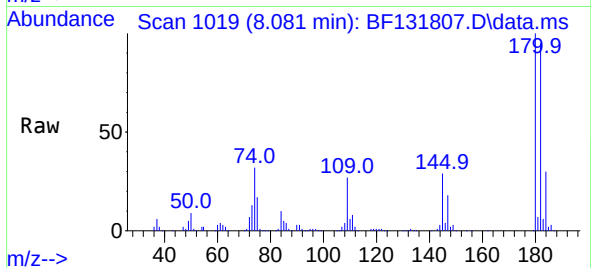
#30
1,2,4-Trichlorobenzene
Concen: 40.614 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

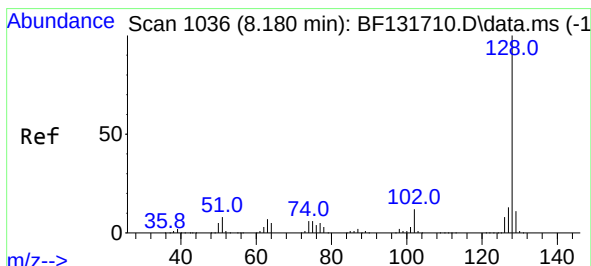
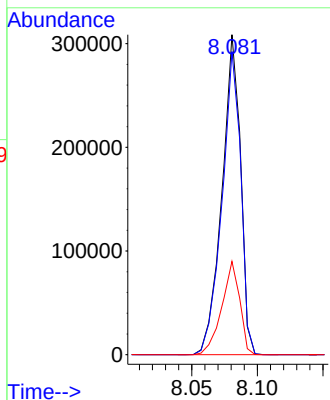
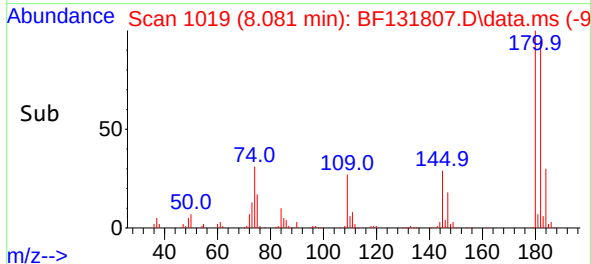


Tgt Ion:180 Resp: 30344
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
145 29.2 23.4 35.0

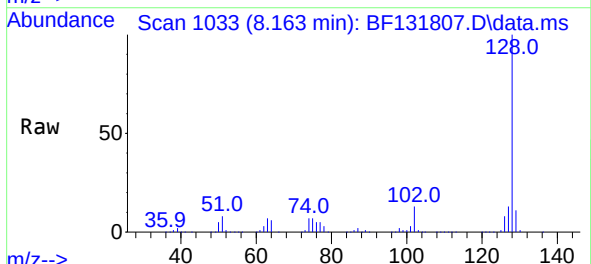
Manual Integrations

APPROVED

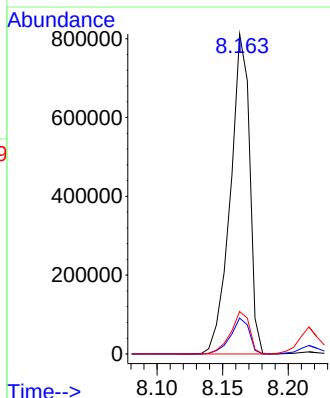
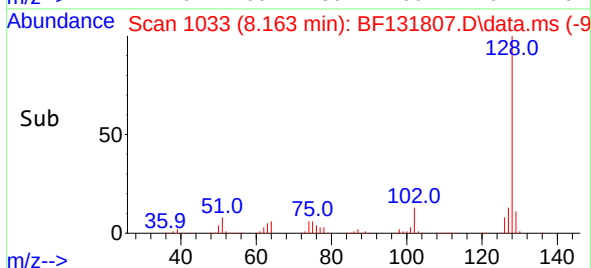
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

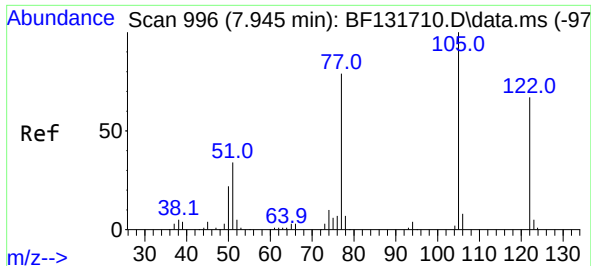


#31
Naphthalene
Concen: 40.192 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:128 Resp: 828988
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 15.8





#32
Benzoic acid
Concen: 44.910 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

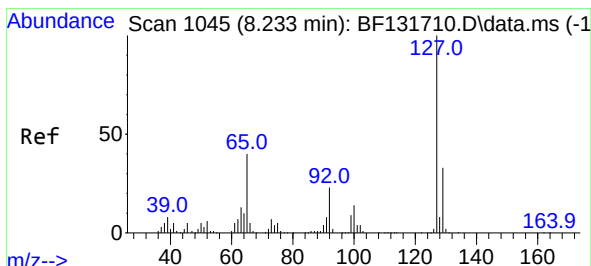
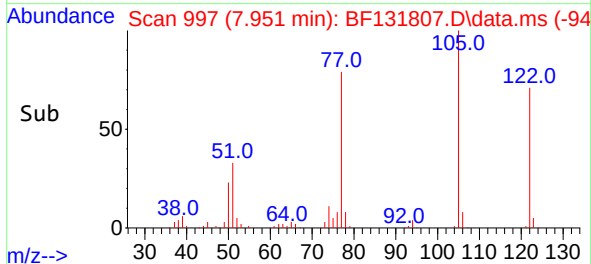
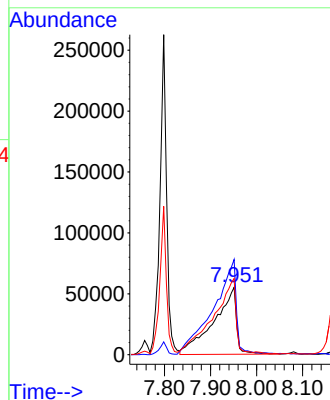
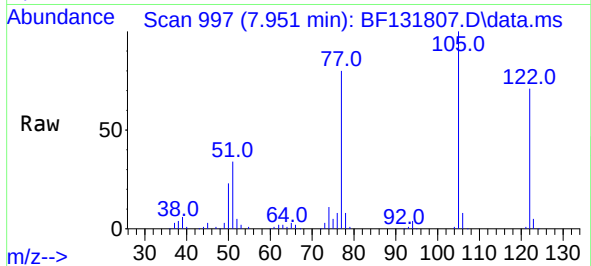
PB149887BS

Tgt Ion:122 Resp: 18925
Ion Ratio Lower Upper
122 100
105 141.3 125.1 165.1
77 113.1 95.3 135.3

Manual Integrations

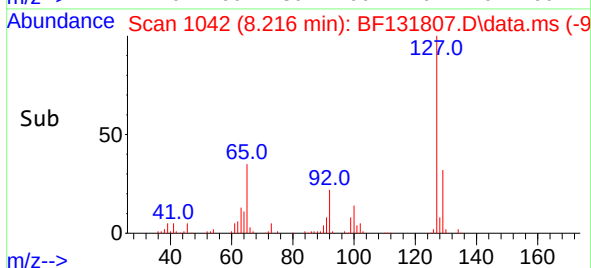
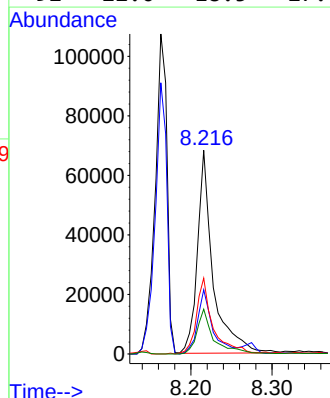
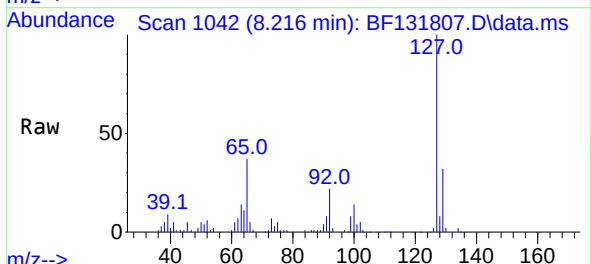
APPROVED

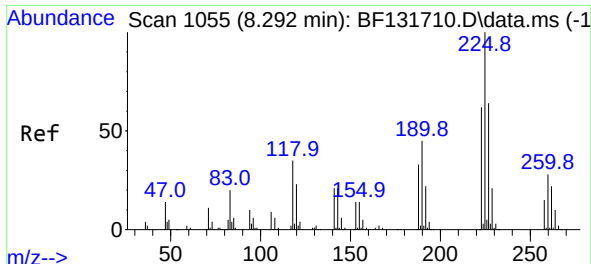
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#33
4-Chloroaniline
Concen: 11.449 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:127 Resp: 92094
Ion Ratio Lower Upper
127 100
129 31.5 26.1 39.1
65 37.2 31.8 47.6
92 22.0 18.5 27.7





#34
Hexachlorobutadiene
Concen: 39.947 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

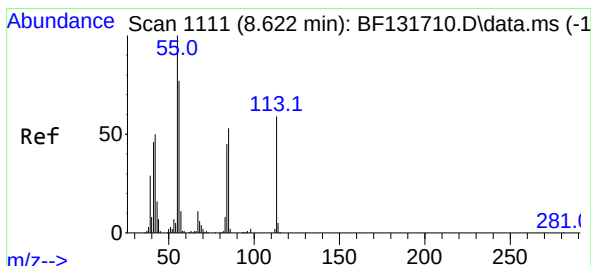
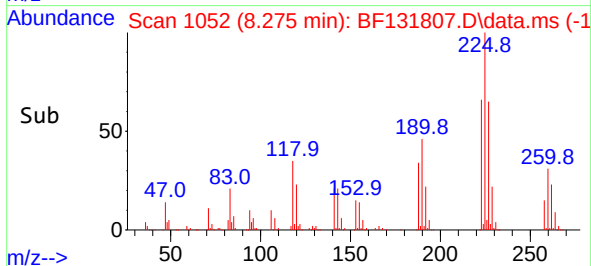
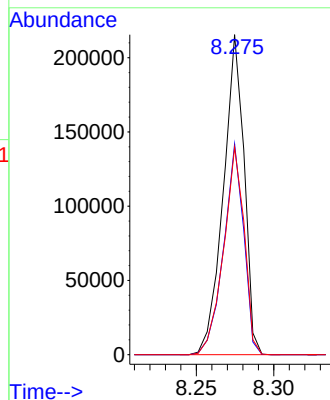
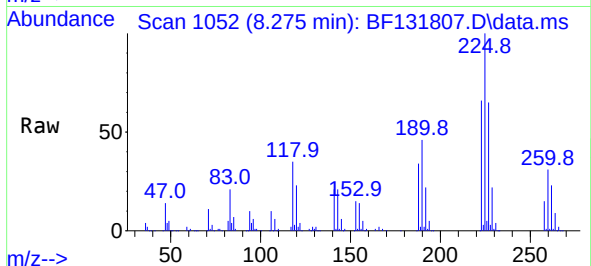
PB149887BS

Tgt Ion:225 Resp: 20080
Ion Ratio Lower Upper
225 100
223 65.8 49.5 74.3
227 64.8 51.0 76.4

Manual Integrations

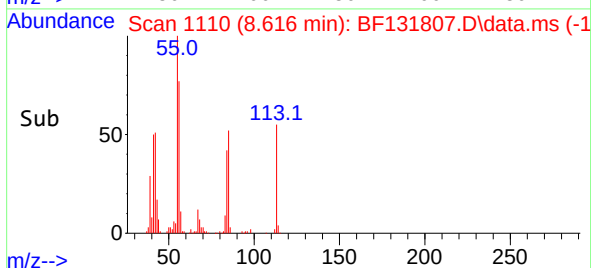
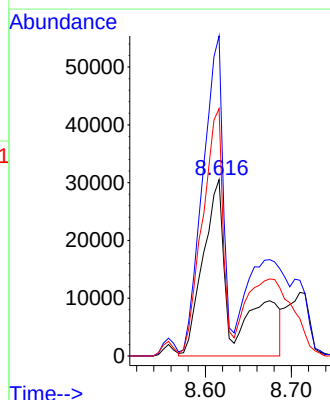
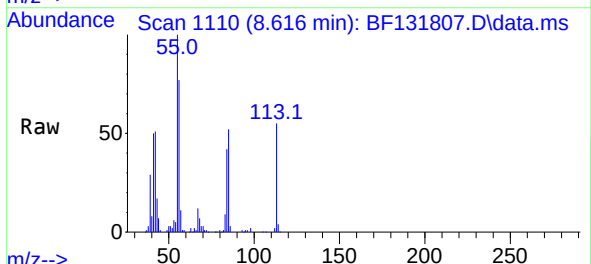
APPROVED

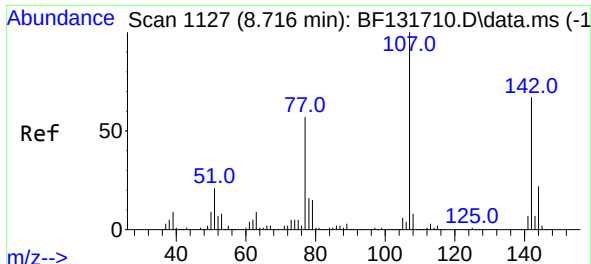
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#35
Caprolactam
Concen: 39.428 ng m
RT: 8.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:113 Resp: 75557
Ion Ratio Lower Upper
113 100
55 181.5 149.0 189.0
56 140.4 109.5 149.5





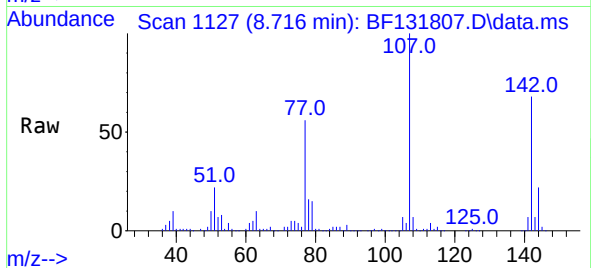
#36
4-Chloro-3-methylphenol
Concen: 44.355 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

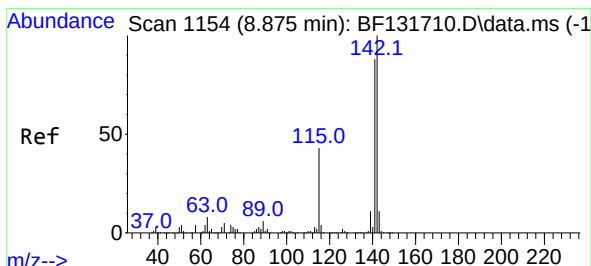
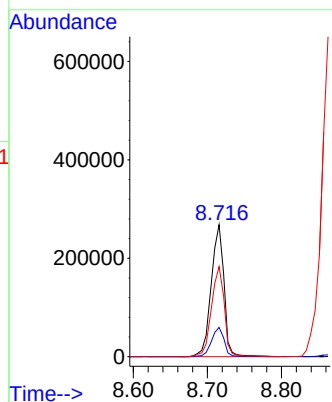
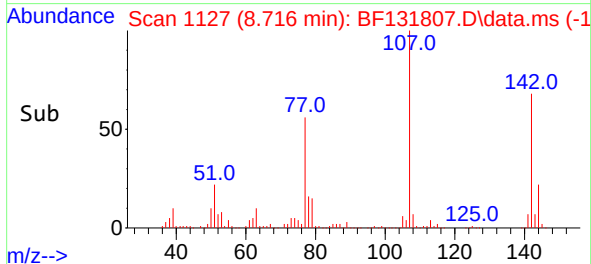


Tgt Ion:107 Resp: 32201
Ion Ratio Lower Upper
107 100
144 22.2 17.5 26.3
142 68.2 53.4 80.0

Manual Integrations

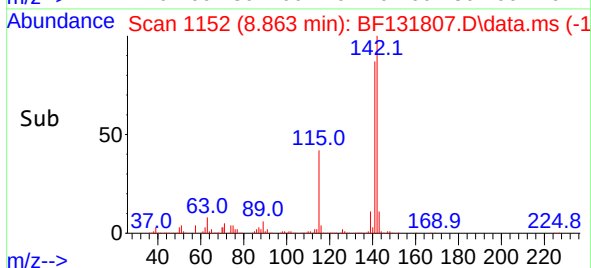
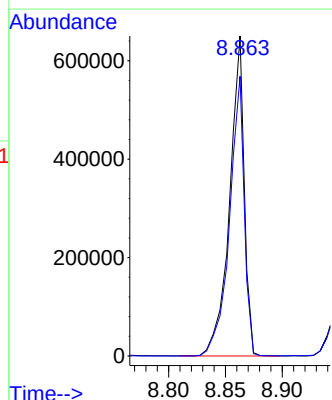
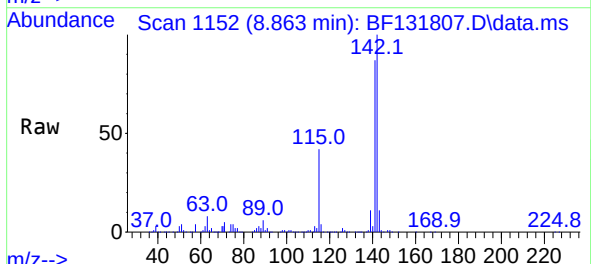
APPROVED

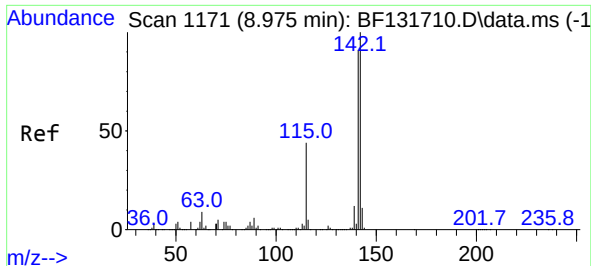
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#37
2-Methylnaphthalene
Concen: 41.342 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:142 Resp: 581656
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6





#38

1-Methylnaphthalene

Concen: 39.912 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

Tgt Ion:142 Resp: 54385

Ion Ratio Lower Upper

142 100

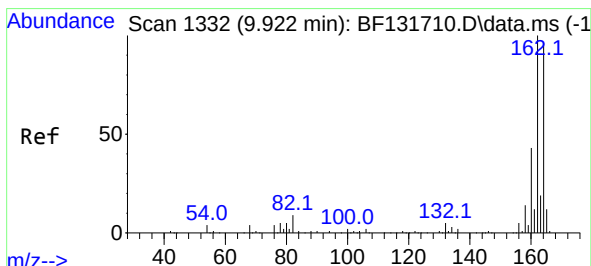
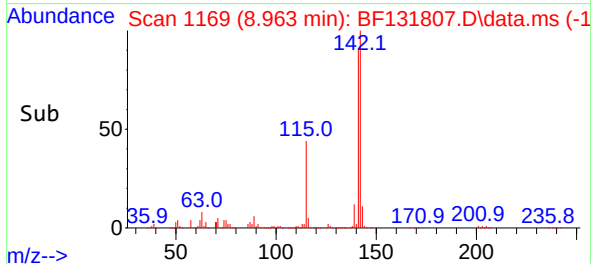
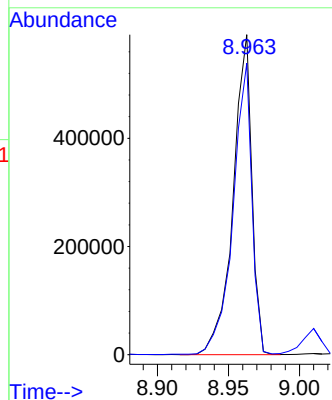
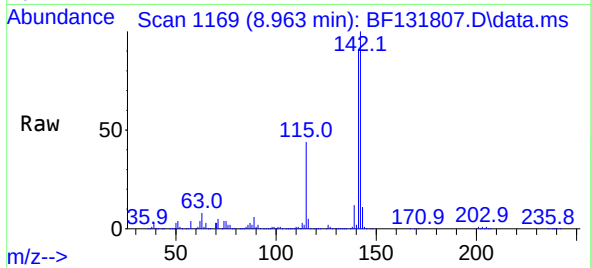
141 91.1 73.0 109.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

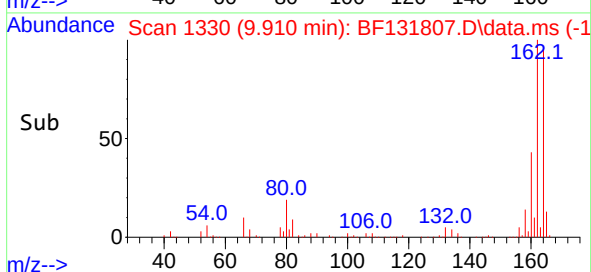
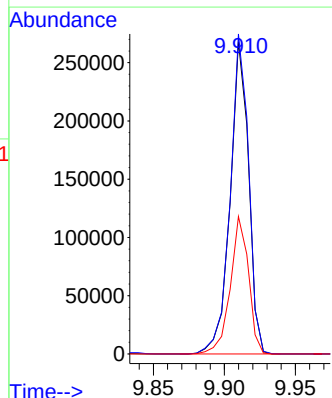
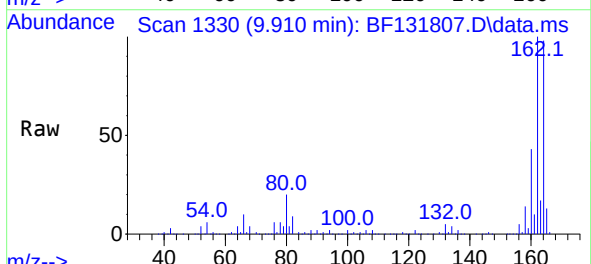
Tgt Ion:164 Resp: 242649

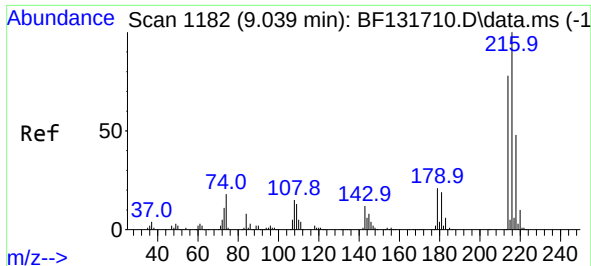
Ion Ratio Lower Upper

164 100

162 102.5 83.7 125.5

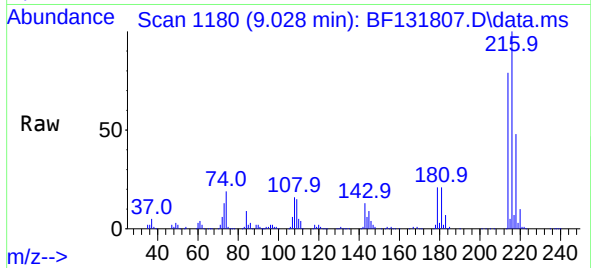
160 44.0 36.2 54.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.064 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

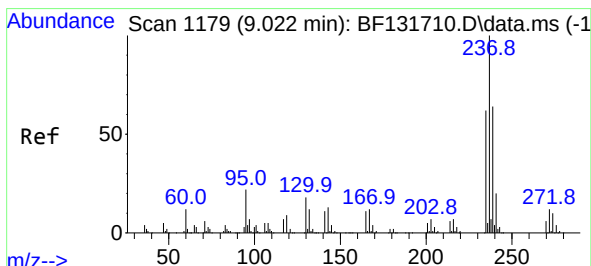
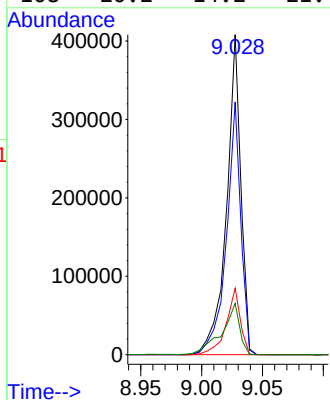
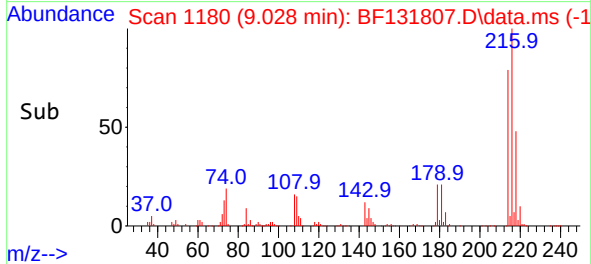
Instrument :
BNA_F
ClientSampleId :
PB149887BS



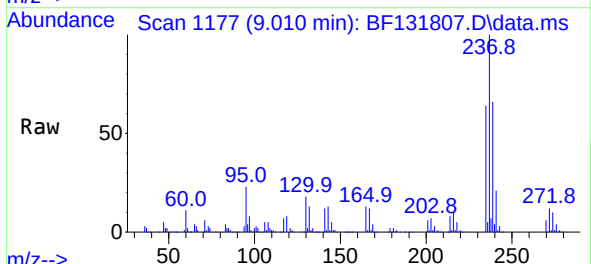
Tgt Ion:216 Resp: 332602
Ion Ratio Lower Upper
216 100
214 79.3 62.9 94.3
179 20.6 16.3 24.5
108 20.2 14.2 21.4

Manual Integrations
APPROVED

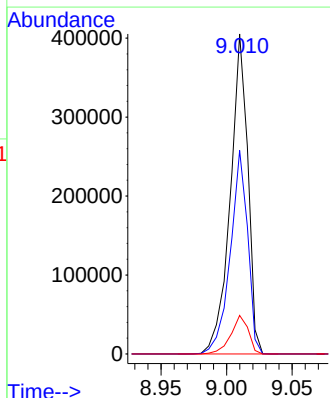
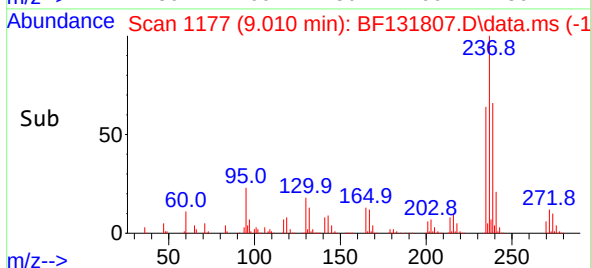
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

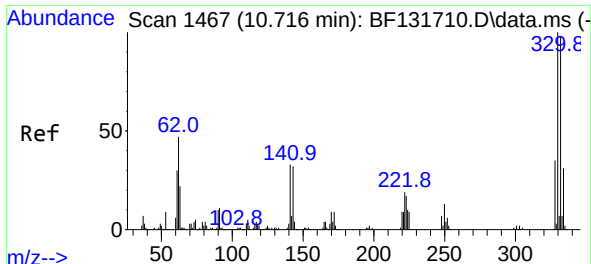


#41
Hexachlorocyclopentadiene
Concen: 100.461 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:237 Resp: 377848
Ion Ratio Lower Upper
237 100
235 63.6 42.2 82.2
272 12.1 0.0 31.7





#42
2,4,6-Tribromophenol
Concen: 137.987 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

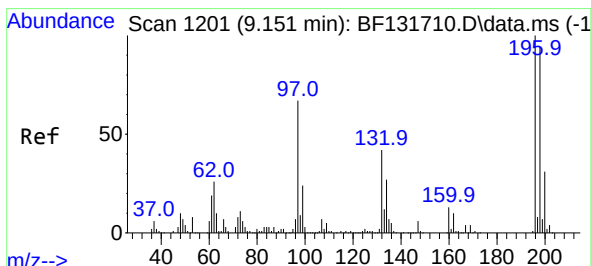
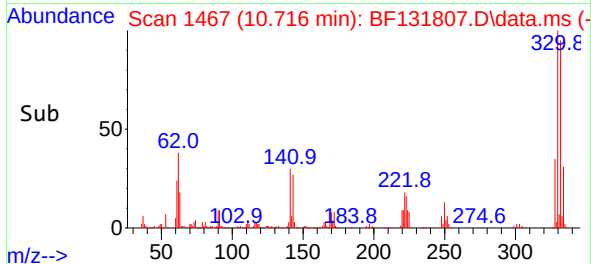
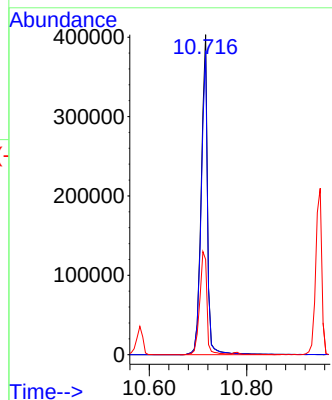
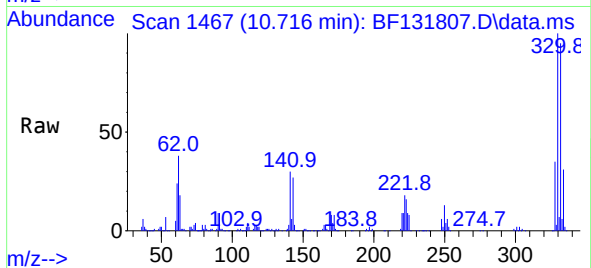
PB149887BS

Tgt Ion:330 Resp: 36647
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 36.8 30.4 45.6

Manual Integrations

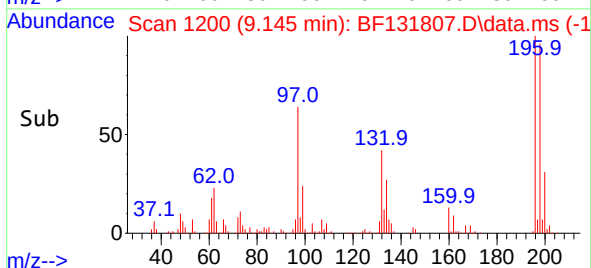
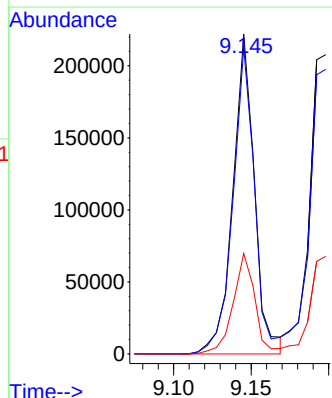
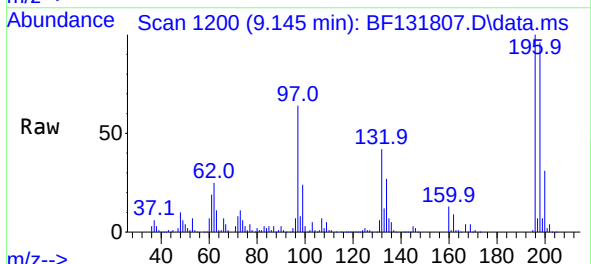
APPROVED

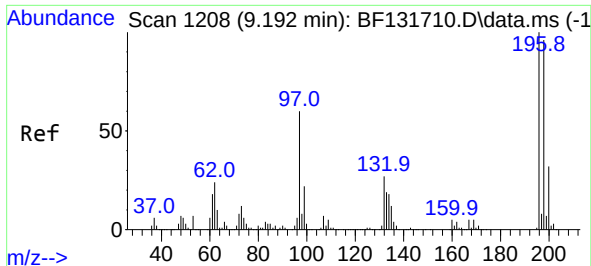
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#43
2,4,6-Trichlorophenol
Concen: 39.801 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:196 Resp: 215845
Ion Ratio Lower Upper
196 100
198 95.8 75.5 113.3
200 31.4 25.2 37.8





#44
2,4,5-Trichlorophenol
Concen: 39.764 ng
RT: 9.198 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

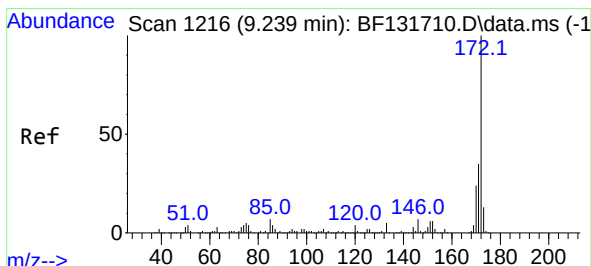
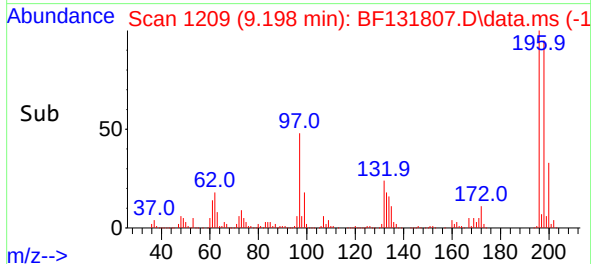
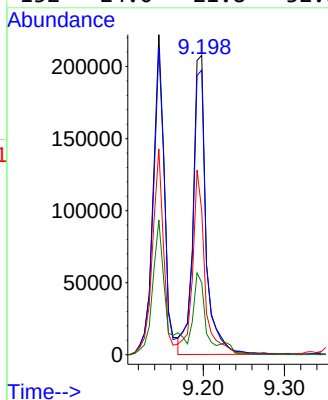
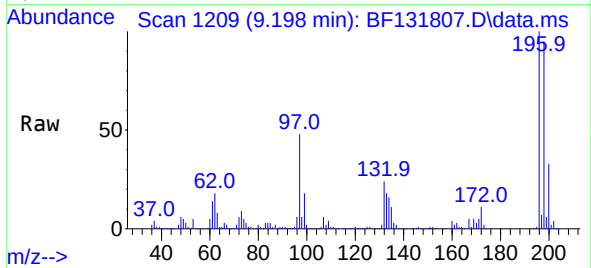
PB149887BS

Tgt Ion:196 Resp: 23344
Ion Ratio Lower Upper
196 100
198 95.1 76.6 114.8
97 48.1 47.7 71.5
132 24.0 21.8 32.8

Manual Integrations

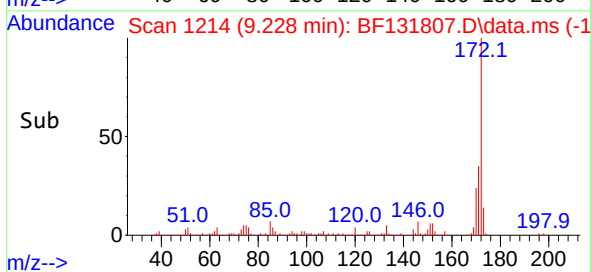
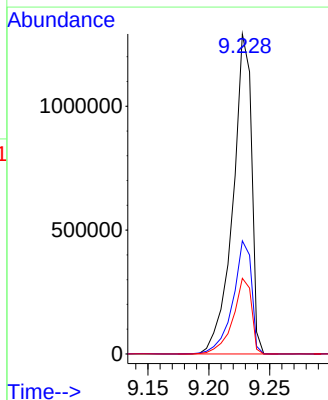
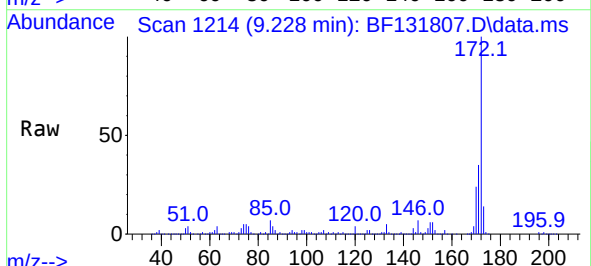
APPROVED

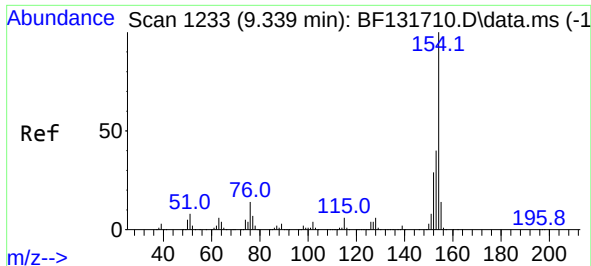
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#45
2-Fluorobiphenyl
Concen: 79.295 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:172 Resp: 1373543
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 19.0 28.4





#46
1,1'-Biphenyl
Concen: 41.161 ng
RT: 9.333 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

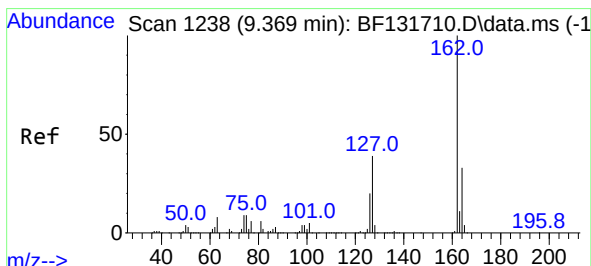
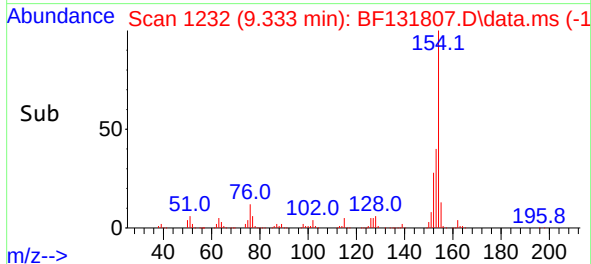
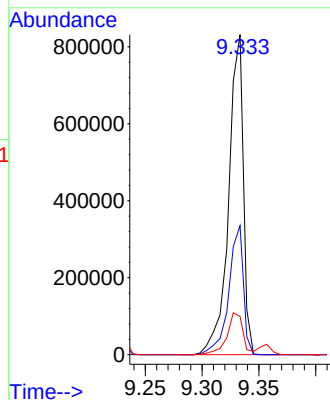
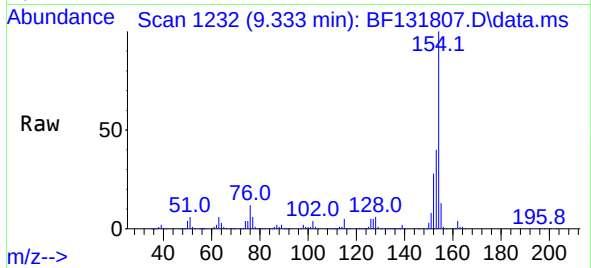
PB149887BS

Tgt Ion:154 Resp: 751260
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 12.0 0.0 33.6

Manual Integrations

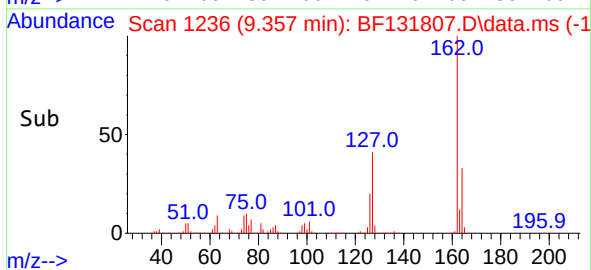
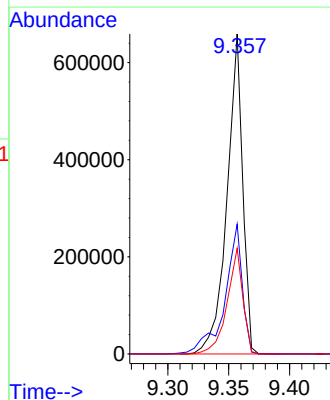
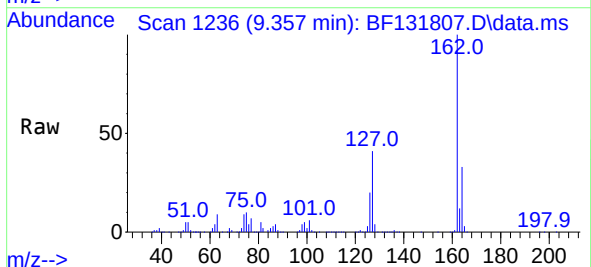
APPROVED

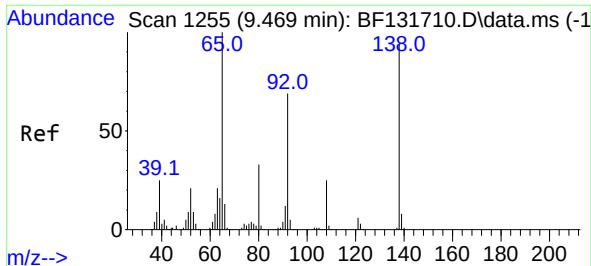
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#47
2-Chloronaphthalene
Concen: 39.698 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:162 Resp: 593306
Ion Ratio Lower Upper
162 100
127 40.6 31.4 47.2
164 33.0 26.6 39.8





#48
2-Nitroaniline
Concen: 40.408 ng
RT: 9.463 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

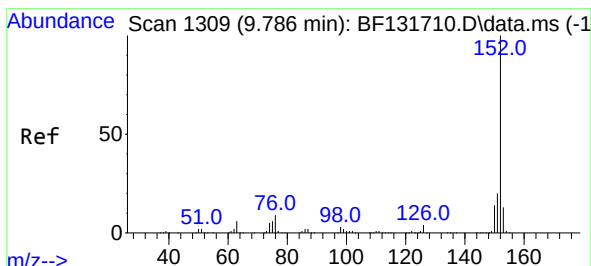
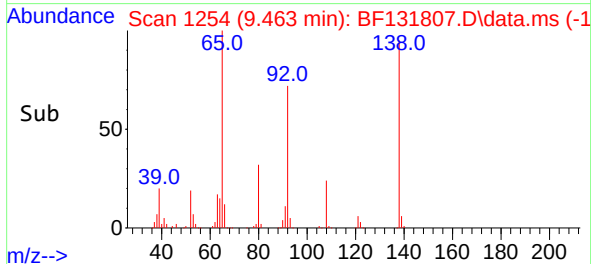
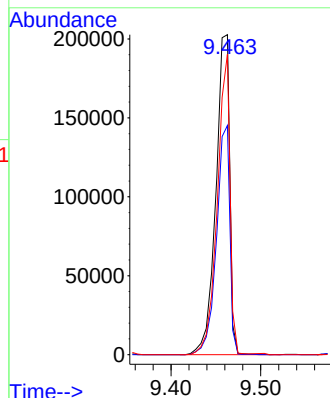
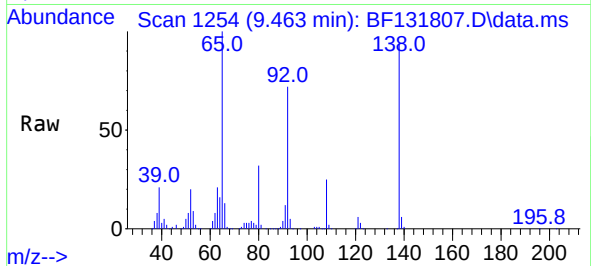
PB149887BS

Tgt Ion: 65 Resp: 217670
Ion Ratio Lower Upper
65 100
92 71.6 55.5 83.3
138 93.8 74.8 112.2

Manual Integrations

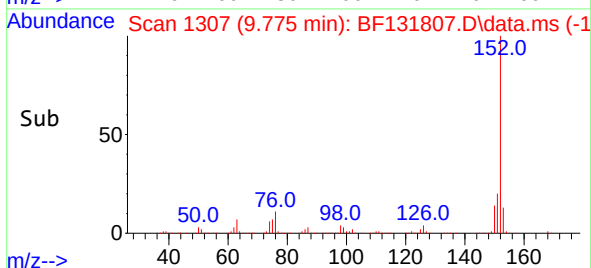
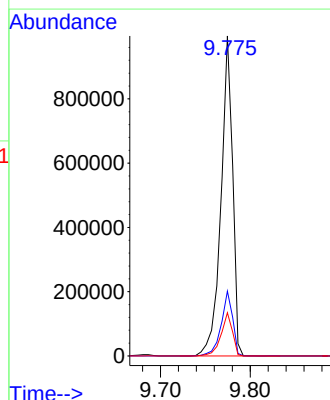
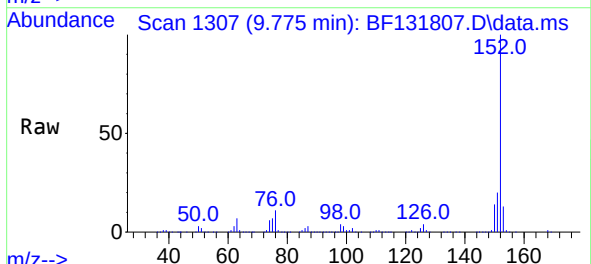
APPROVED

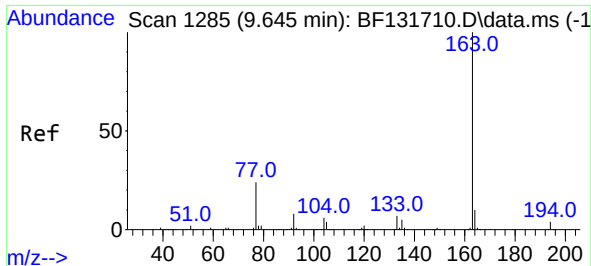
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#49
Acenaphthylene
Concen: 39.886 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:152 Resp: 894104
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.5 10.6 15.8





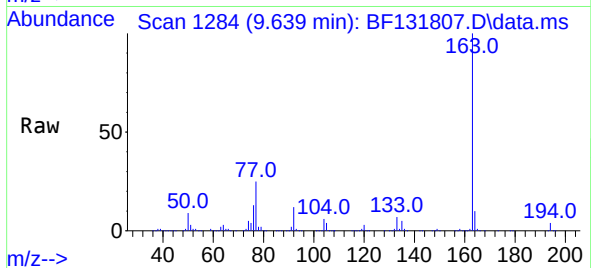
#50
Dimethylphthalate
Concen: 42.049 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

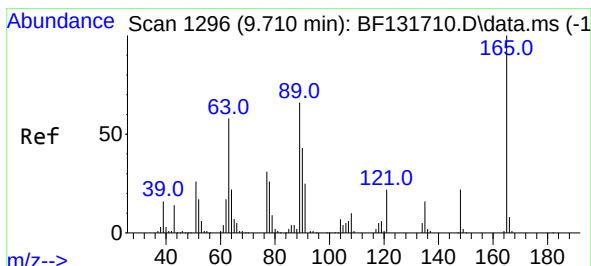
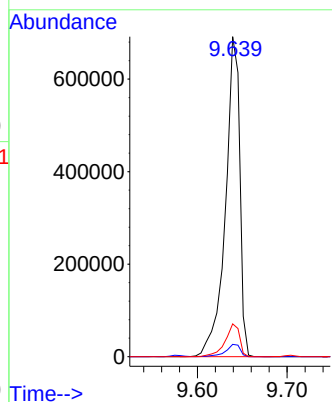
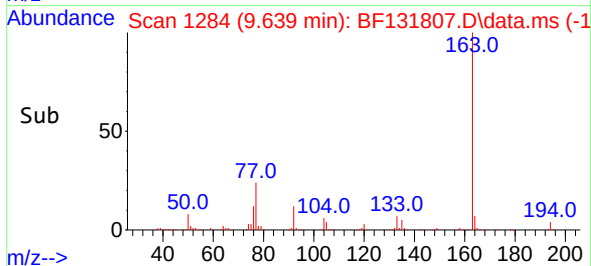


Tgt Ion:163 Resp: 767738
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.2 12.4

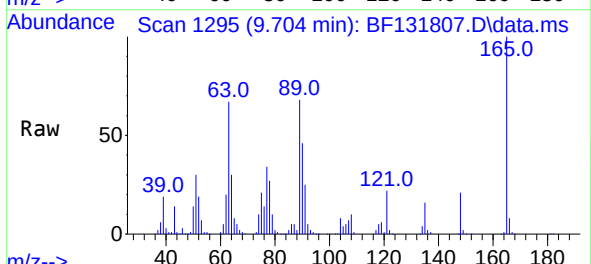
Manual Integrations

APPROVED

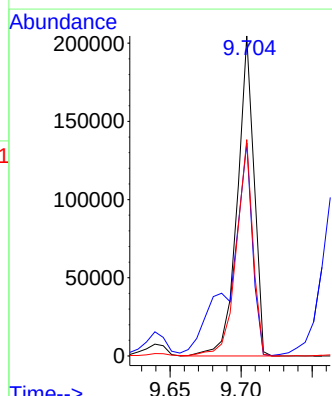
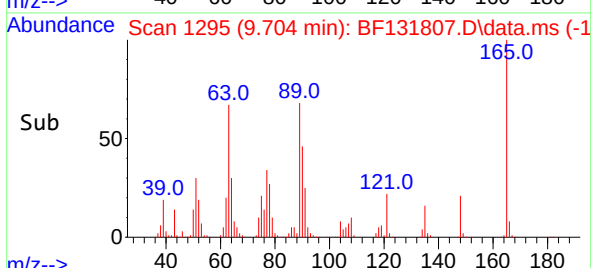
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

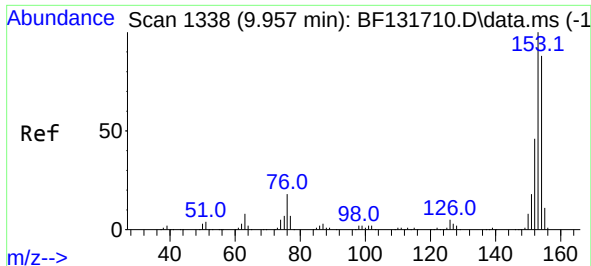


#51
2,6-Dinitrotoluene
Concen: 42.708 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:165 Resp: 167669
Ion Ratio Lower Upper
165 100
63 66.6 51.8 77.8
89 67.6 53.2 79.8





#52
Acenaphthene
Concen: 38.940 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

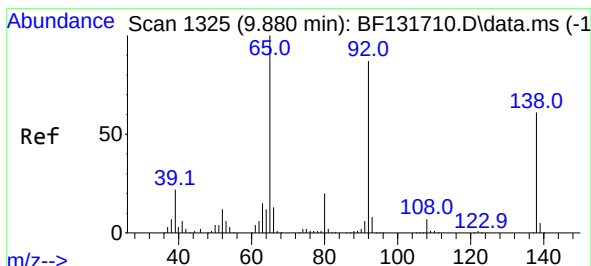
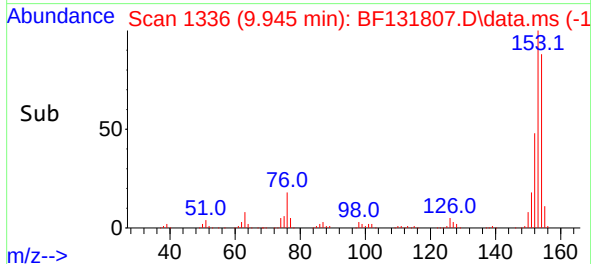
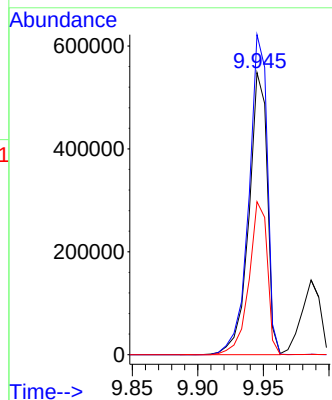
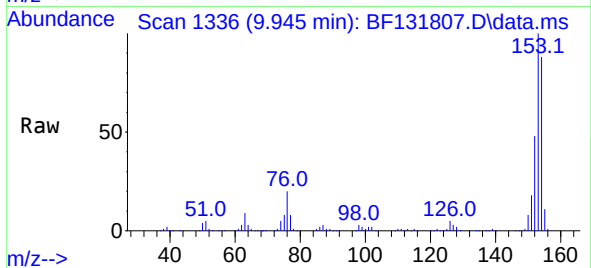
PB149887BS

Tgt Ion:154 Resp: 534738
Ion Ratio Lower Upper
154 100
153 113.4 90.4 135.6
152 54.2 42.0 63.0

Manual Integrations

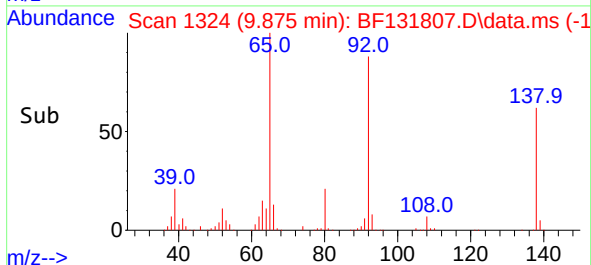
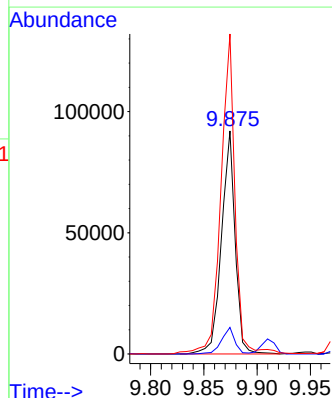
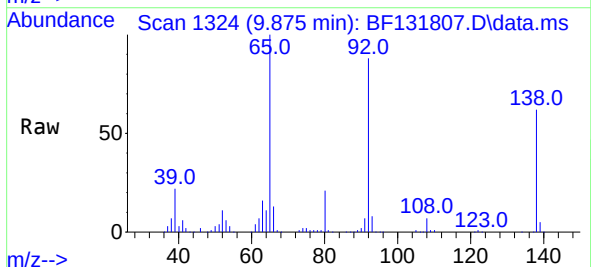
APPROVED

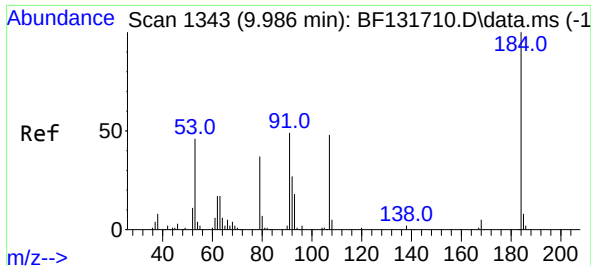
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#53
3-Nitroaniline
Concen: 20.395 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

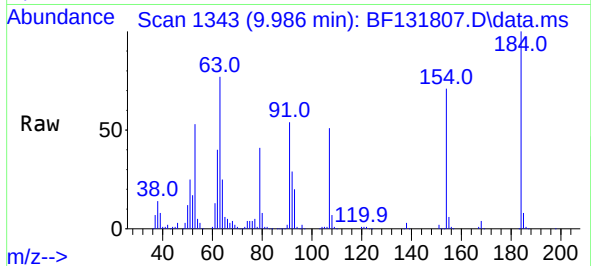
Tgt Ion:138 Resp: 81926
Ion Ratio Lower Upper
138 100
108 11.9 9.2 13.8
92 143.5 114.6 171.8





#54
2,4-Dinitrophenol
Concen: 90.150 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

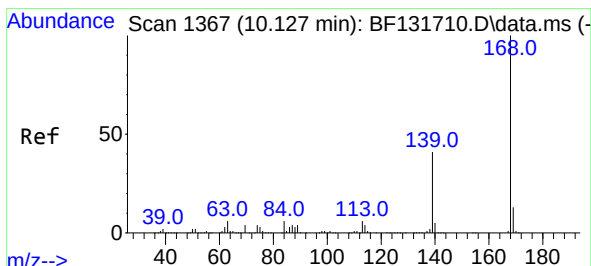
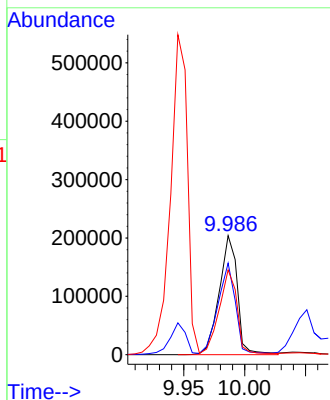
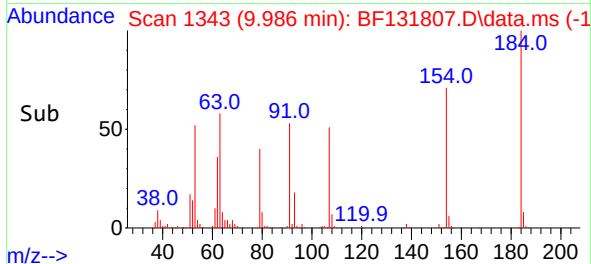
Instrument :
BNA_F
ClientSampleId :
PB149887BS



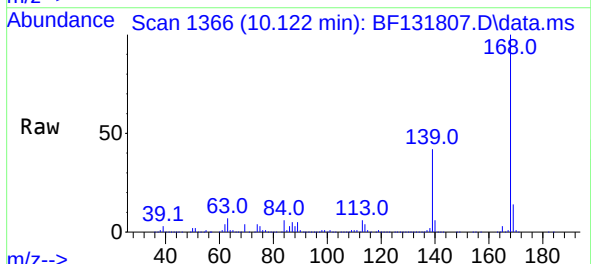
Tgt Ion:184 Resp: 21206
Ion Ratio Lower Upper
184 100
63 76.8 55.8 83.8
154 71.2 57.1 85.7

Manual Integrations
APPROVED

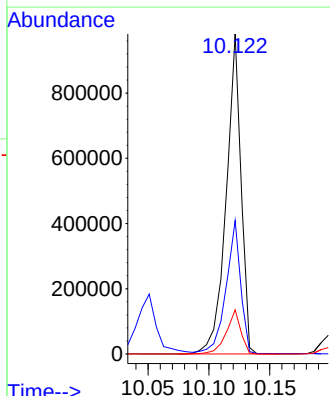
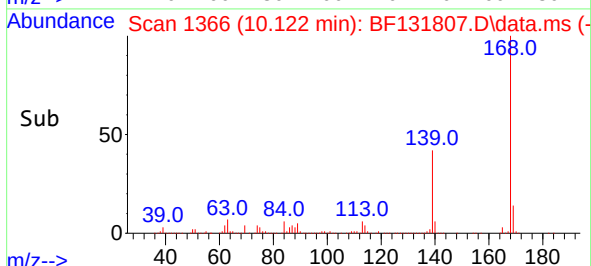
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

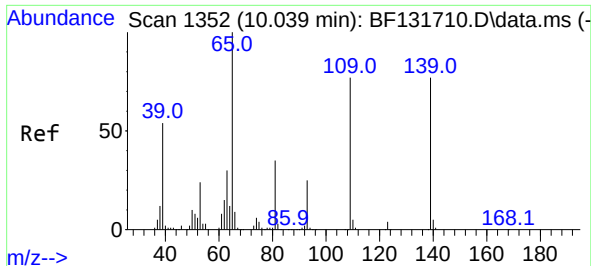


#55
Dibenzofuran
Concen: 39.651 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:168 Resp: 834955
Ion Ratio Lower Upper
168 100
139 41.7 32.7 49.1
169 13.8 10.6 16.0





#56
4-Nitrophenol
Concen: 71.128 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

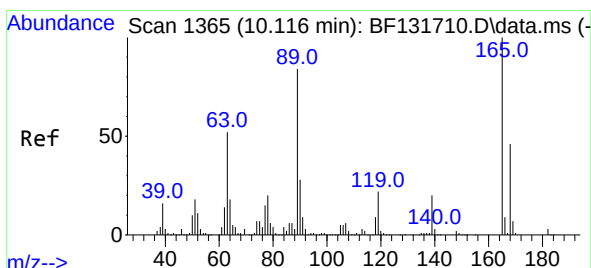
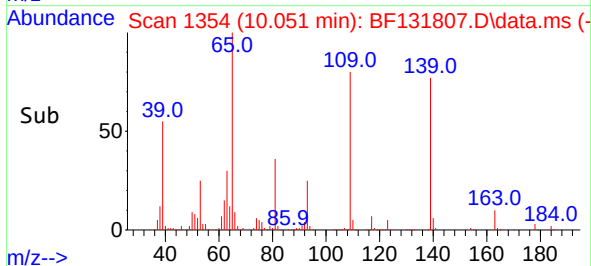
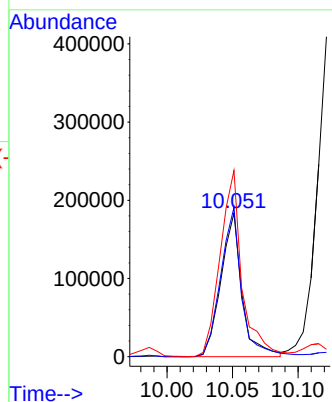
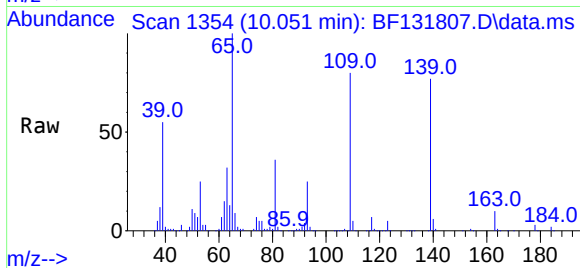
PB149887BS

Tgt Ion:139 Resp: 204502
Ion Ratio Lower Upper
139 100
109 104.0 79.9 119.9
65 129.8 110.2 150.2

Manual Integrations

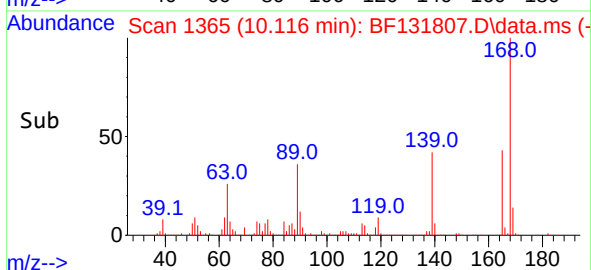
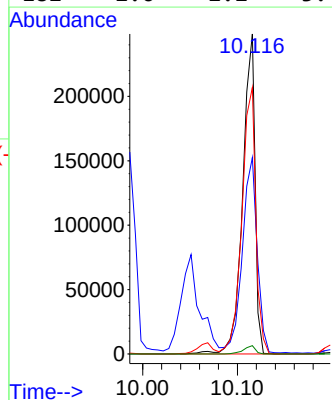
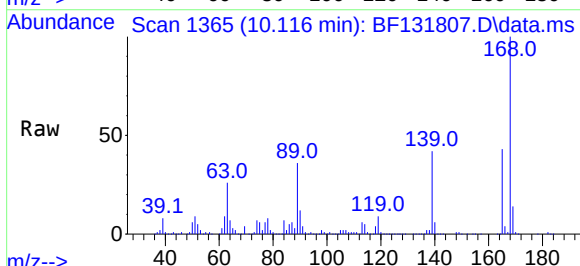
APPROVED

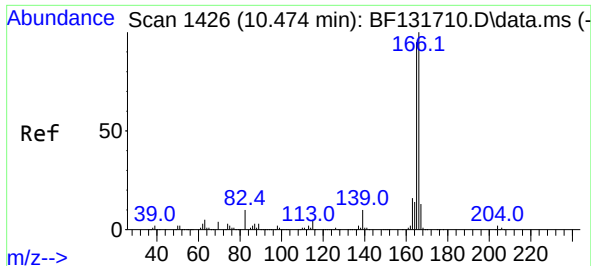
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#57
2,4-Dinitrotoluene
Concen: 42.525 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

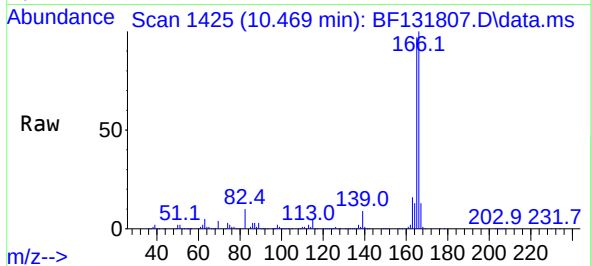
Tgt Ion:165 Resp: 224339
Ion Ratio Lower Upper
165 100
63 61.3 41.5 62.3
89 83.3 67.0 100.4
182 2.6 2.2 3.4





#58
Fluorene
Concen: 40.237 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

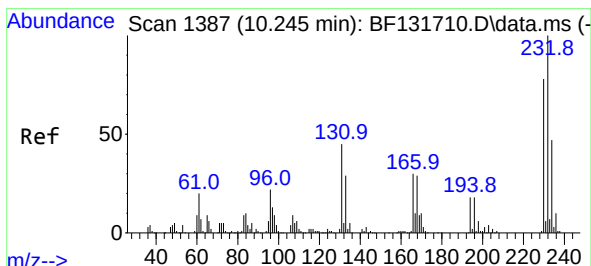
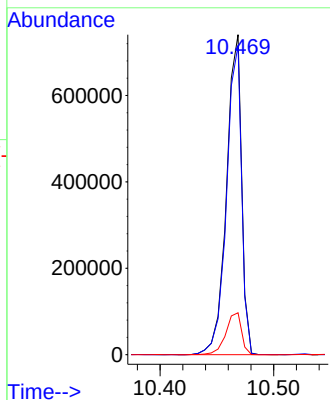
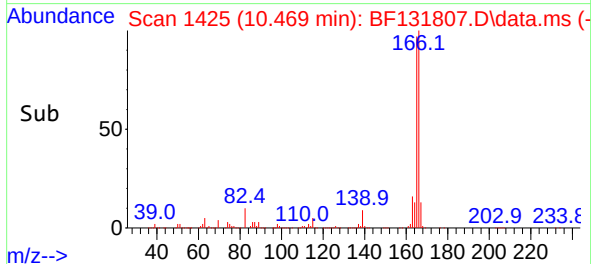
Instrument :
BNA_F
ClientSampleId :
PB149887BS



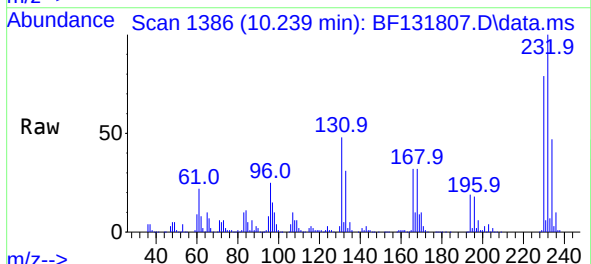
Tgt Ion:166 Resp: 685039
Ion Ratio Lower Upper
166 100
165 96.6 75.8 113.8
167 13.1 10.6 15.8

Manual Integrations
APPROVED

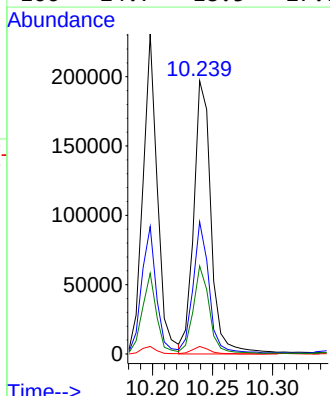
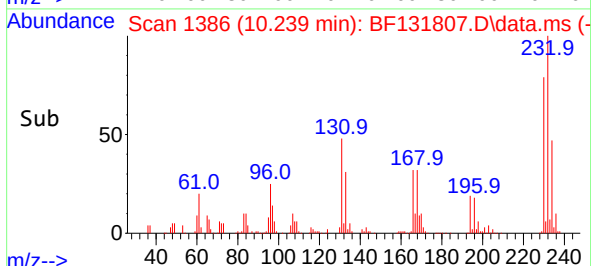
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

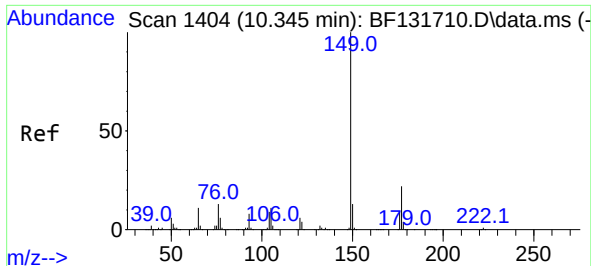


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.669 ng m
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



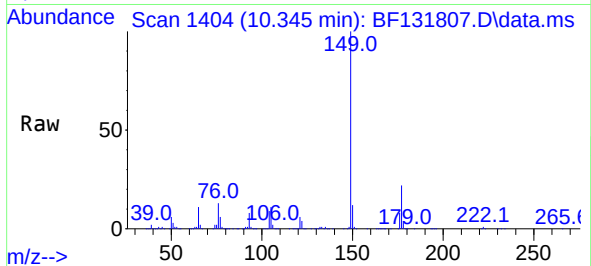
Tgt Ion:232 Resp: 199328
Ion Ratio Lower Upper
232 100
131 40.1 29.9 44.9
130 2.4 1.7 2.5
166 24.7 18.5 27.7





#60
Diethylphthalate
Concen: 42.722 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

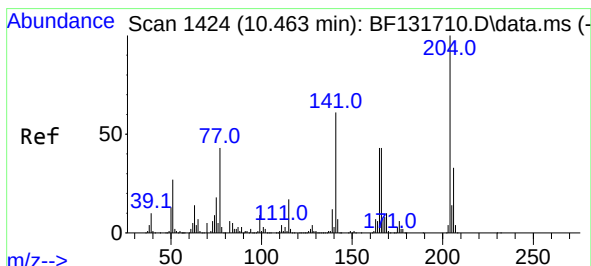
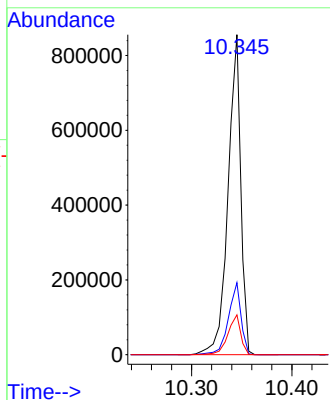
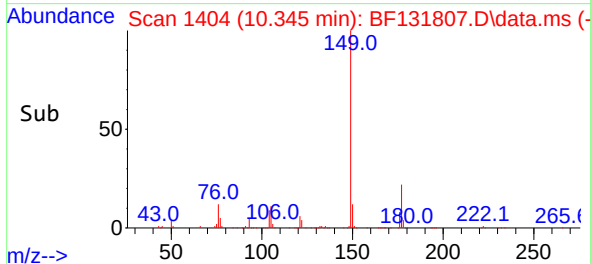
Instrument :
BNA_F
ClientSampleId :
PB149887BS



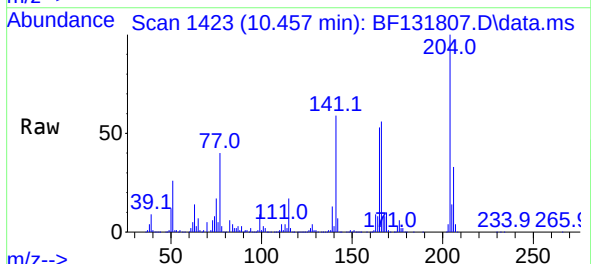
Tgt Ion:149 Resp: 751600
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.0
150 12.4 10.2 15.2

Manual Integrations
APPROVED

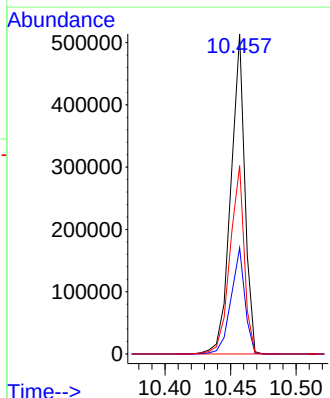
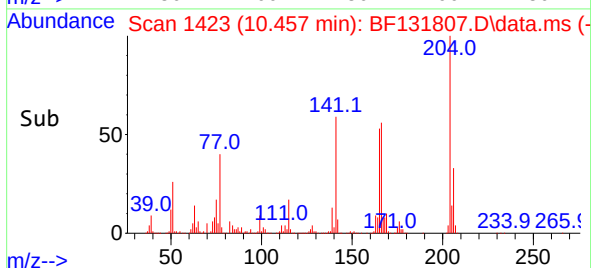
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

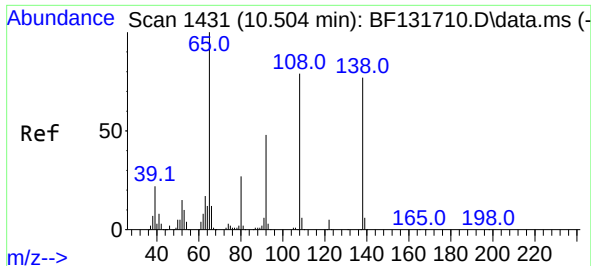


#61
4-Chlorophenyl-phenylether
Concen: 42.237 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:204 Resp: 382192
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 58.8 48.6 72.8





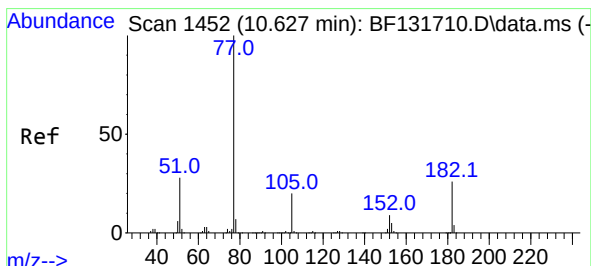
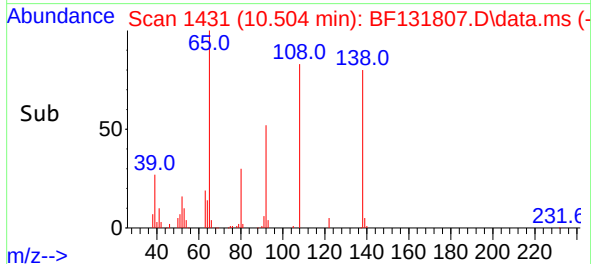
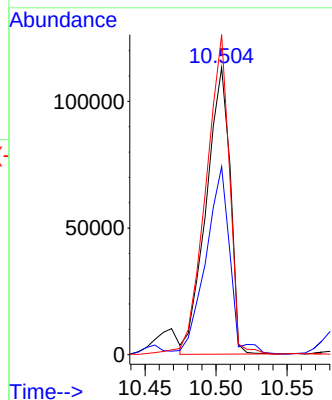
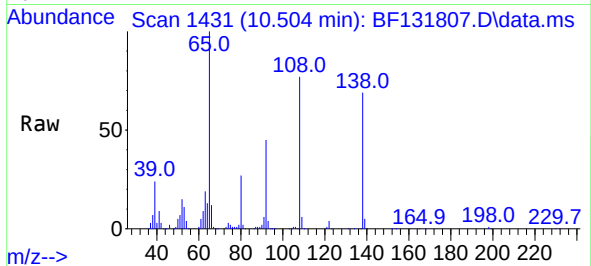
#62
4-Nitroaniline
Concen: 32.659 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :
BNA_F
ClientSampleId :
PB149887BS

Tgt Ion:138 Resp: 132035
Ion Ratio Lower Upper
138 100
92 65.5 42.1 82.1
108 111.5 83.1 123.1

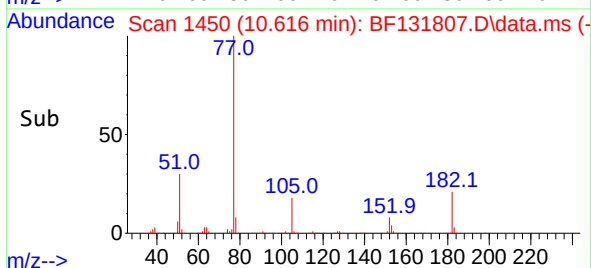
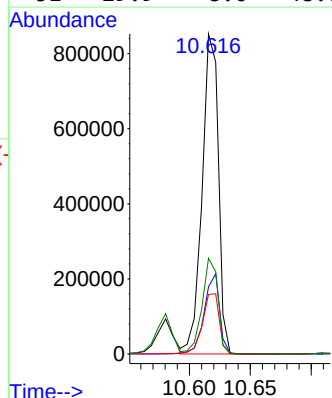
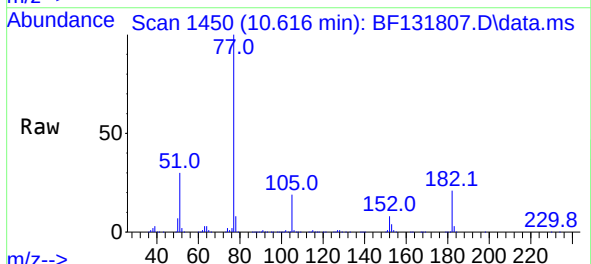
Manual Integrations
APPROVED

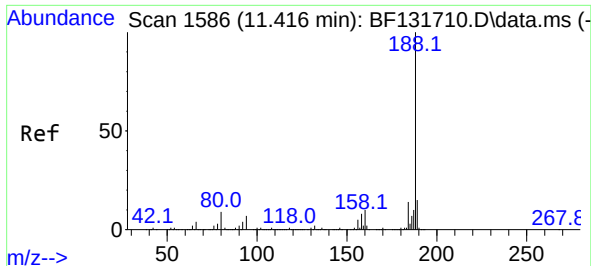
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#63
Azobenzene
Concen: 41.080 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

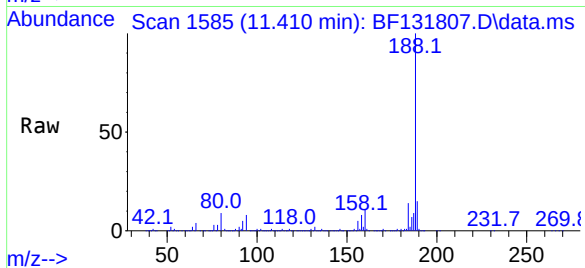
Tgt Ion: 77 Resp: 793635
Ion Ratio Lower Upper
77 100
182 21.0 5.8 45.8
105 18.6 0.0 39.7
51 29.9 8.0 48.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

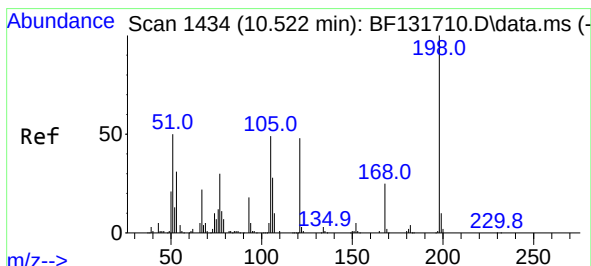
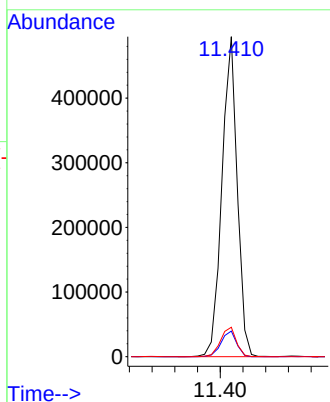
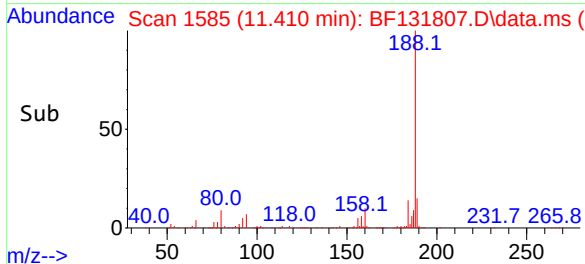
Instrument :
BNA_F
ClientSampleId :
PB149887BS



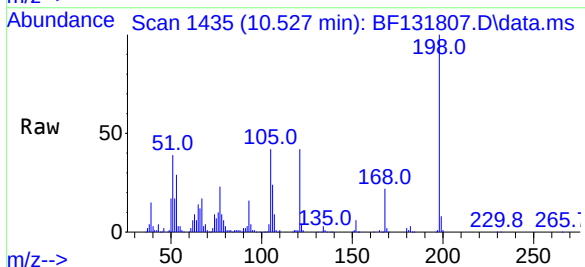
Tgt Ion:188 Resp: 463624
Ion Ratio Lower Upper
188 100
94 8.0 5.9 8.9
80 9.2 7.0 10.6

Manual Integrations
APPROVED

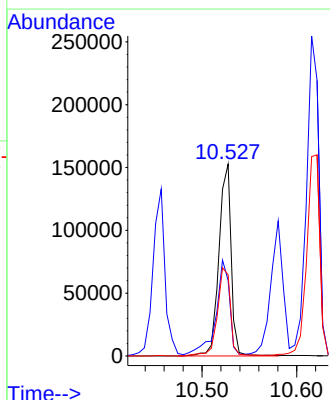
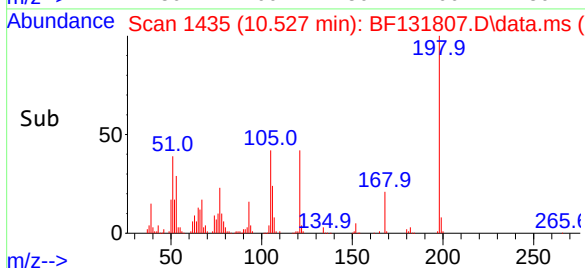
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

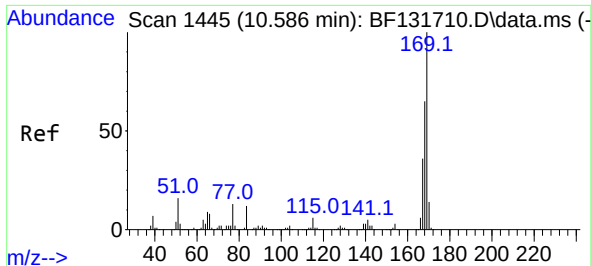


#65
4,6-Dinitro-2-methylphenol
Concen: 43.184 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



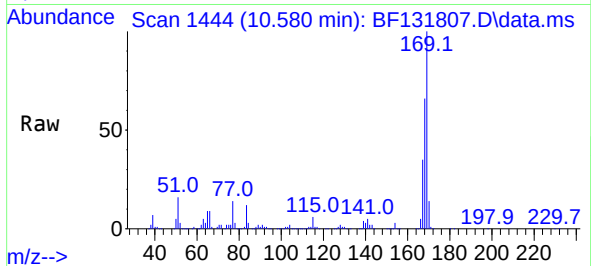
Tgt Ion:198 Resp: 137457
Ion Ratio Lower Upper
198 100
51 39.3 34.1 74.1
105 42.4 29.7 69.7





#66
n-Nitrosodiphenylamine
Concen: 41.182 ng
RT: 10.580 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

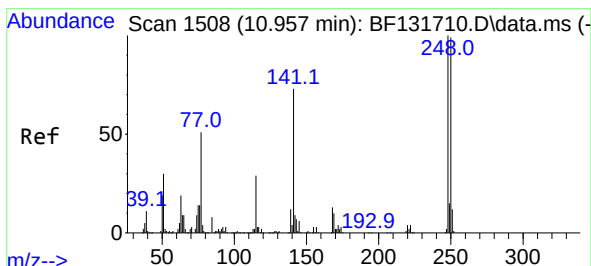
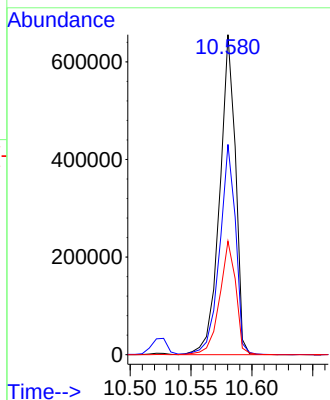
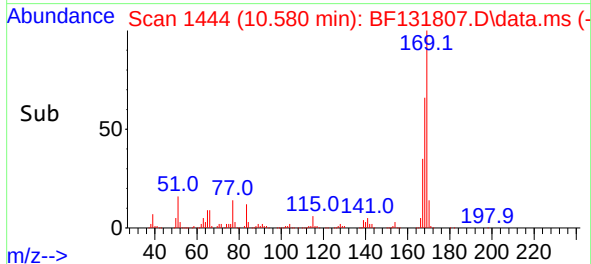
Instrument :
BNA_F
ClientSampleId :
PB149887BS



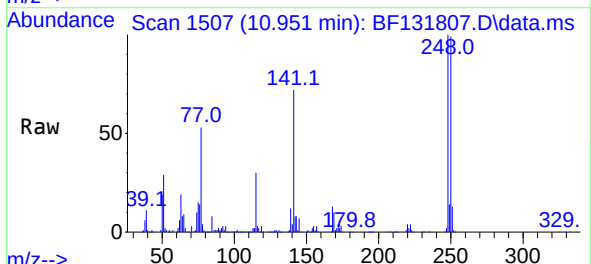
Tgt Ion:169 Resp: 592090
Ion Ratio Lower Upper
169 100
168 65.7 52.4 78.6
167 35.5 28.6 42.8

Manual Integrations
APPROVED

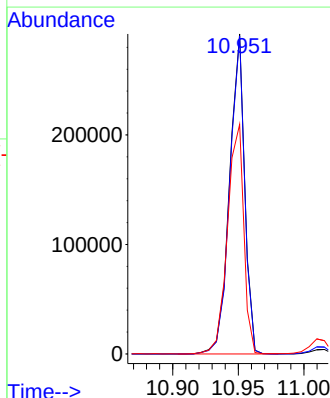
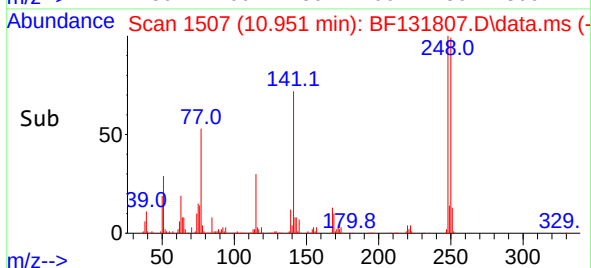
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

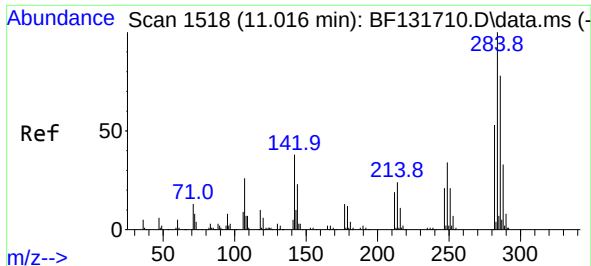


#67
4-Bromophenyl-phenylether
Concen: 42.781 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



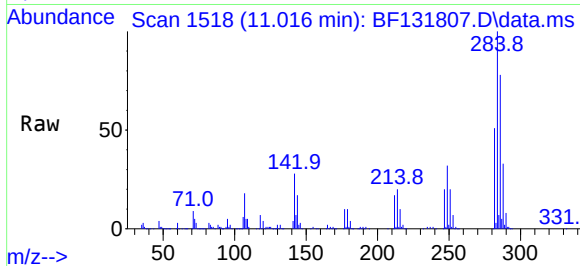
Tgt Ion:248 Resp: 234259
Ion Ratio Lower Upper
248 100
250 99.4 79.4 119.0
141 71.8 58.1 87.1





#68
Hexachlorobenzene
Concen: 42.558 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

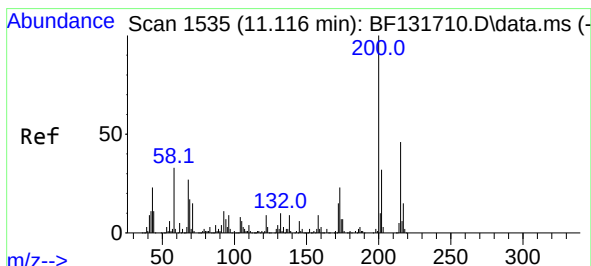
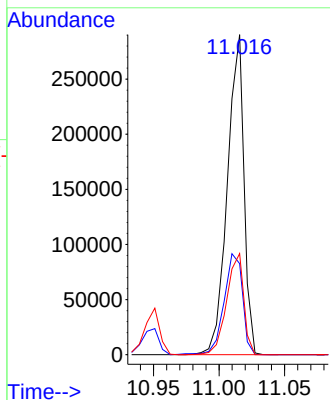
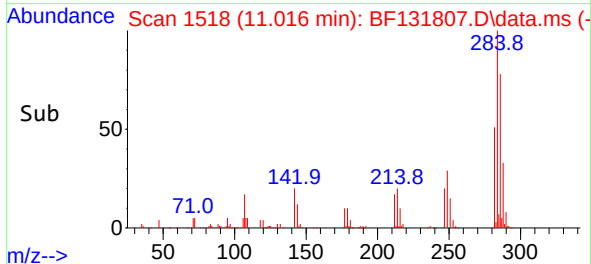
Instrument :
BNA_F
ClientSampleId :
PB149887BS



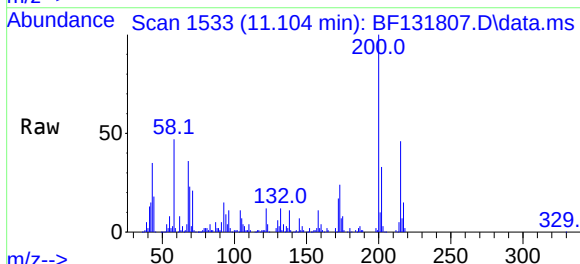
Tgt Ion:284 Resp: 256298
Ion Ratio Lower Upper
284 100
142 28.4 30.2 45.4
249 31.6 27.2 40.8

Manual Integrations
APPROVED

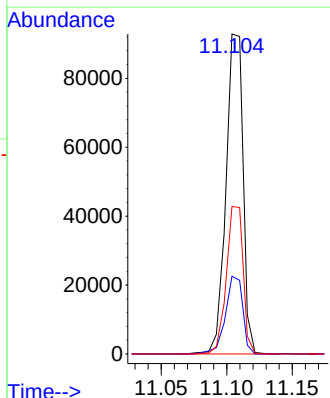
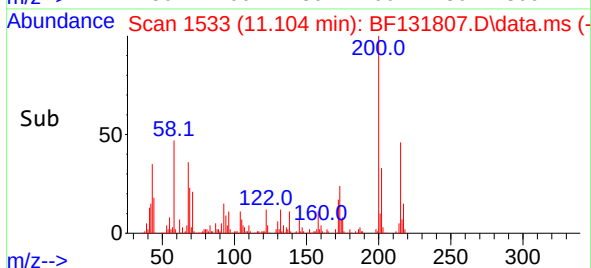
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

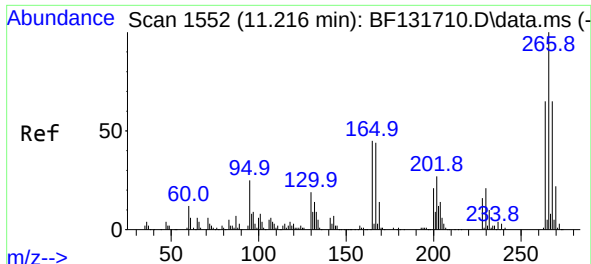


#69
Atrazine
Concen: 17.602 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:200 Resp: 84360
Ion Ratio Lower Upper
200 100
173 24.3 2.7 42.7
215 46.0 26.4 66.4





#70
Pentachlorophenol
Concen: 84.274 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

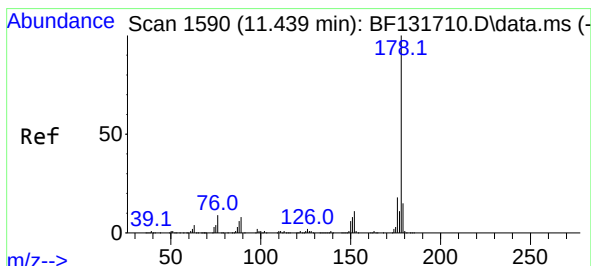
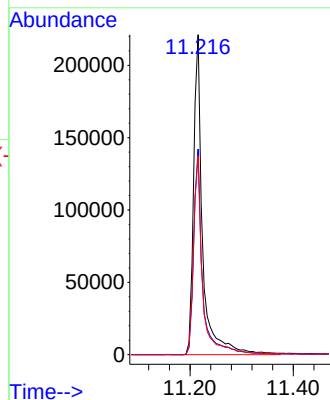
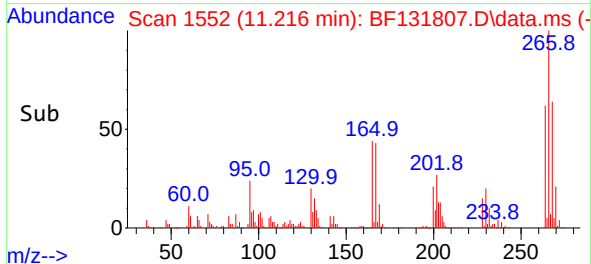
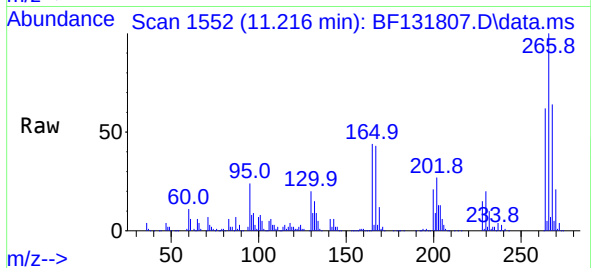
PB149887BS

Tgt Ion:266 Resp: 269368
Ion Ratio Lower Upper
266 100
268 64.3 52.2 78.4
264 62.2 52.0 78.0

Manual Integrations

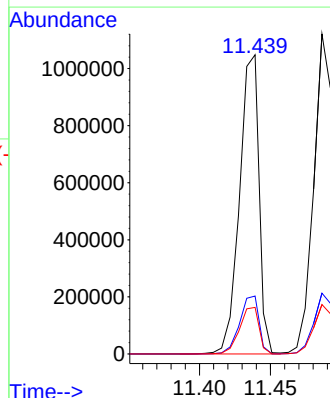
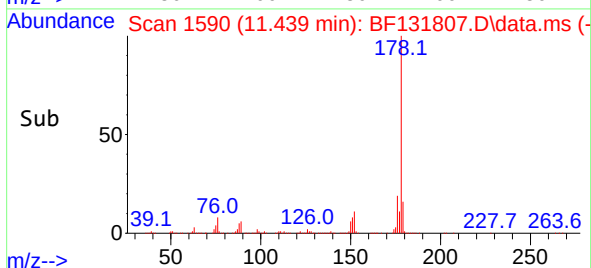
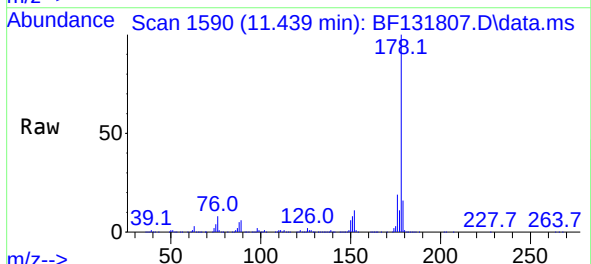
APPROVED

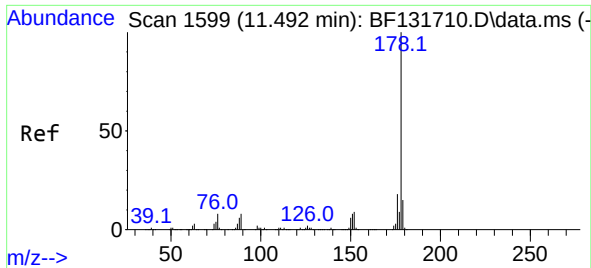
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#71
Phenanthrene
Concen: 39.782 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

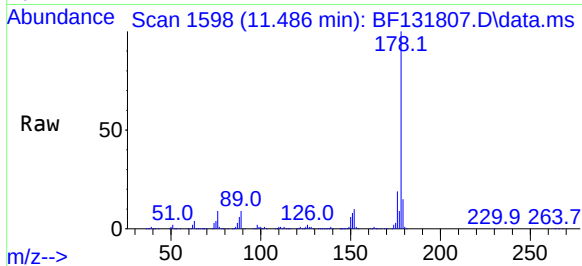
Tgt Ion:178 Resp: 1005725
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 15.6 12.2 18.4





#72
 Anthracene
 Concen: 41.327 ng
 RT: 11.486 min Scan# 11486
 Delta R.T. 0.000 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

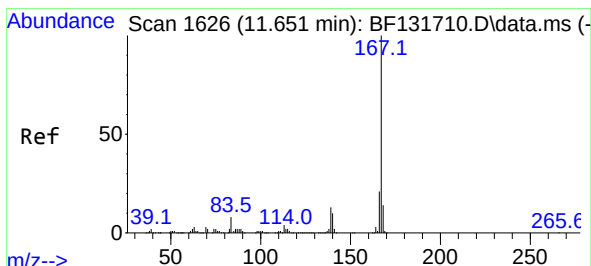
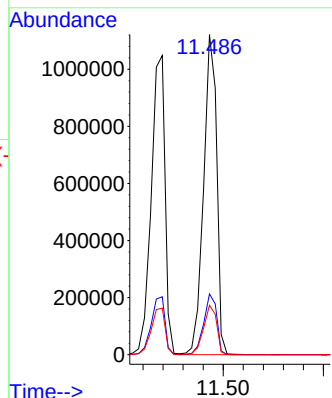
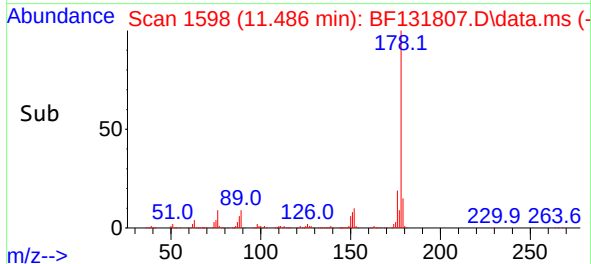
Instrument :
 BNA_F
 ClientSampleId :
 PB149887BS



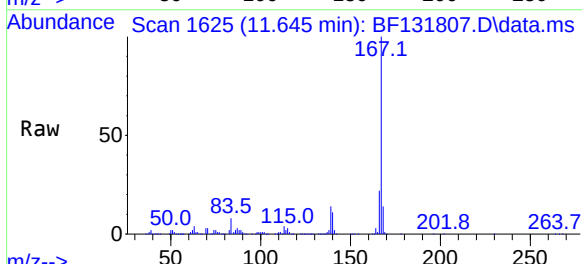
Tgt Ion:178 Resp: 102297
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.6 21.8
 179 15.4 12.2 18.4

Manual Integrations
 APPROVED

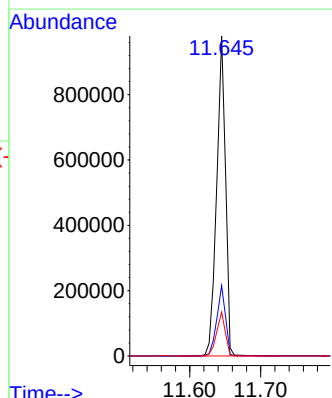
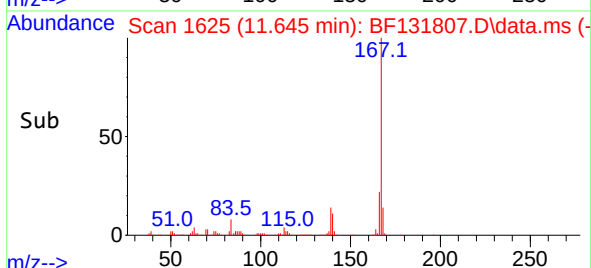
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

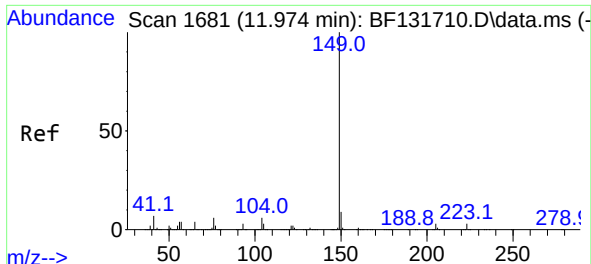


#73
 Carbazole
 Concen: 39.782 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30



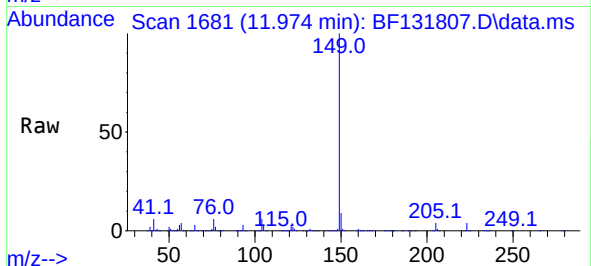
Tgt Ion:167 Resp: 851962
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 13.7 10.5 15.7





#74
Di-n-butylphthalate
Concen: 44.654 ng
RT: 11.974 min Scan# 1190770
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

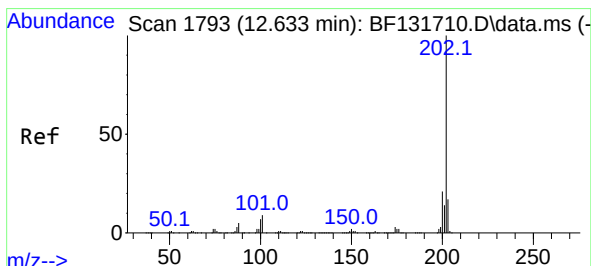
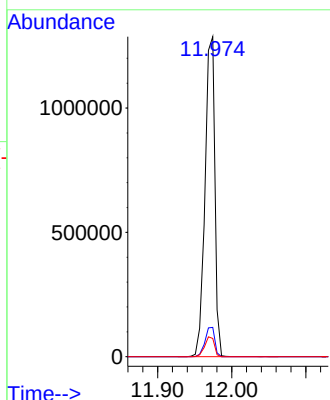
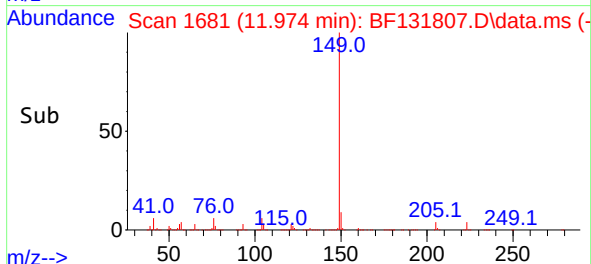
Instrument :
BNA_F
ClientSampleId :
PB149887BS



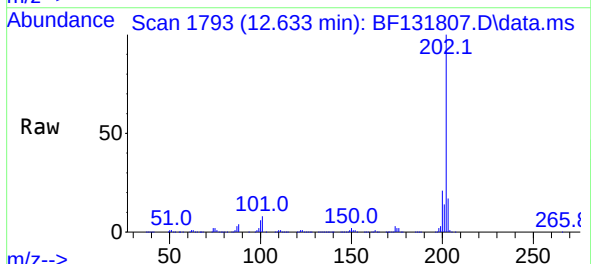
Tgt Ion:149 Resp: 1190770
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.7 5.0 7.4

Manual Integrations
APPROVED

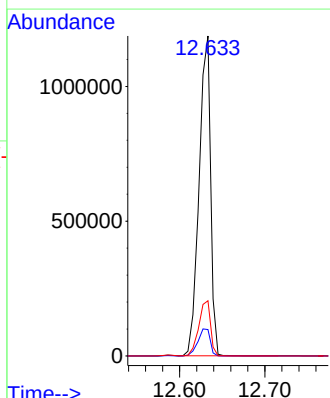
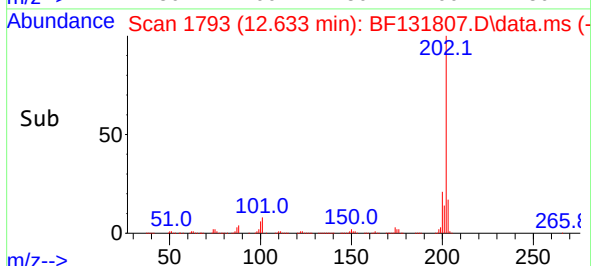
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

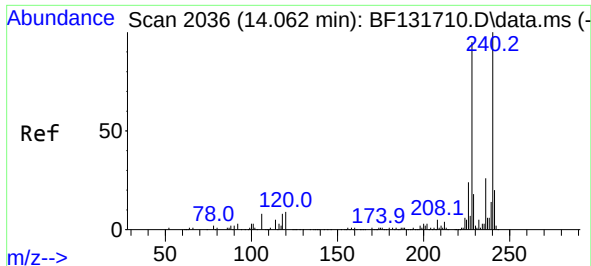


#75
Fluoranthene
Concen: 39.586 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:202 Resp: 1114566
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.8
203 17.3 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

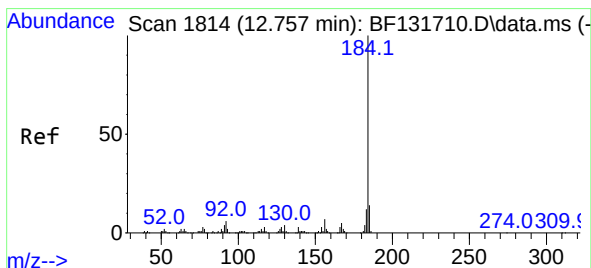
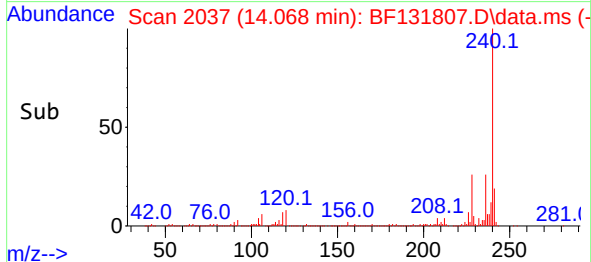
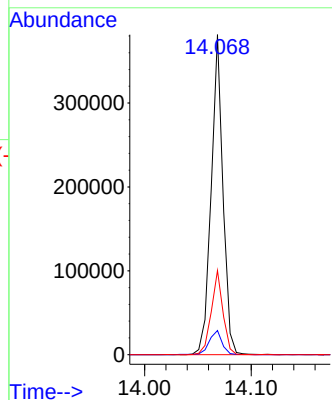
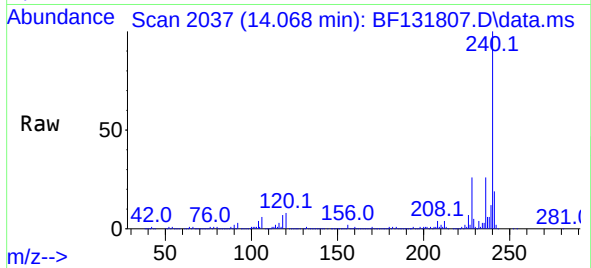
PB149887BS

Tgt Ion:240 Resp: 292664
Ion Ratio Lower Upper
240 100
120 7.5 7.6 11.4
236 26.3 21.2 31.8

Manual Integrations

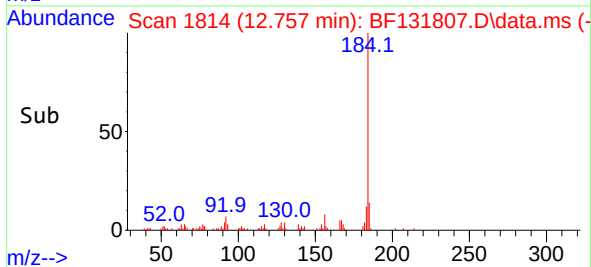
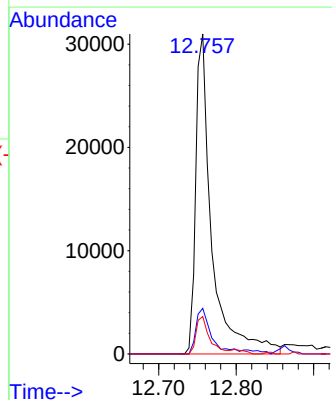
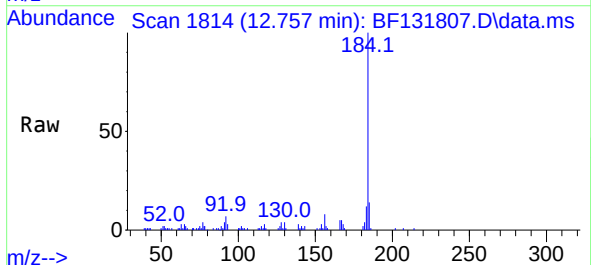
APPROVED

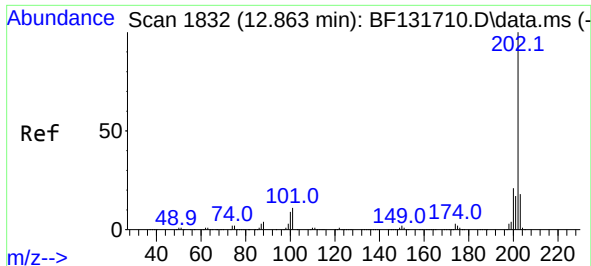
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#77
Benzidine
Concen: 8.297 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

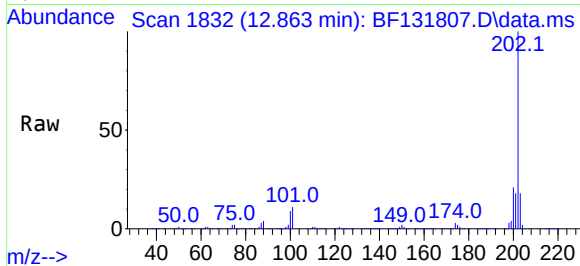
Tgt Ion:184 Resp: 44525
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.7 9.3 13.9





#78
Pyrene
Concen: 41.580 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

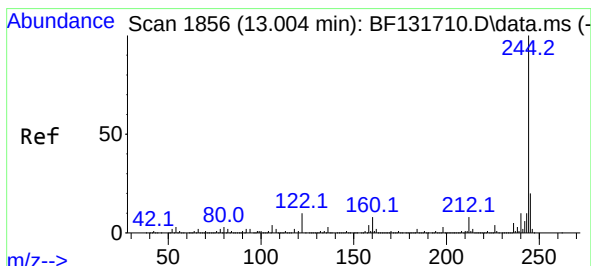
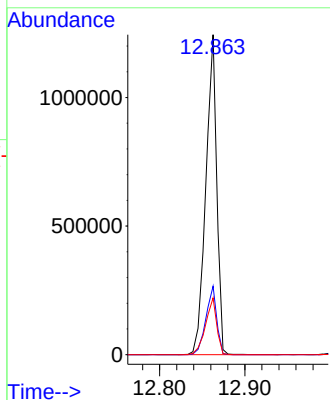
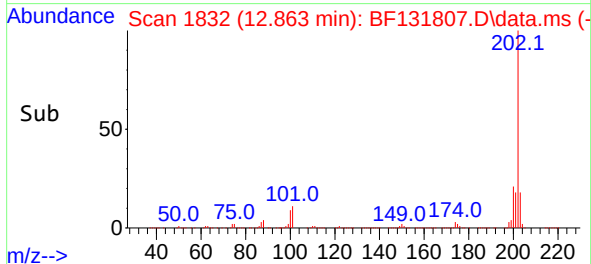
Instrument :
BNA_F
ClientSampleId :
PB149887BS



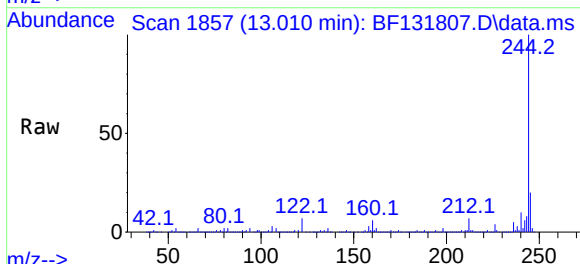
Tgt Ion:202 Resp: 1106385
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.8 14.1 21.1

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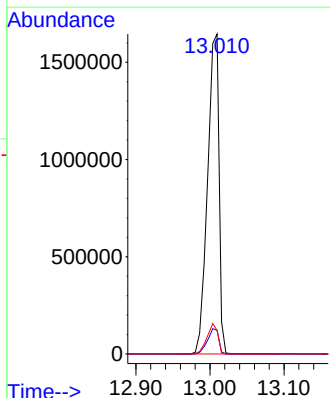
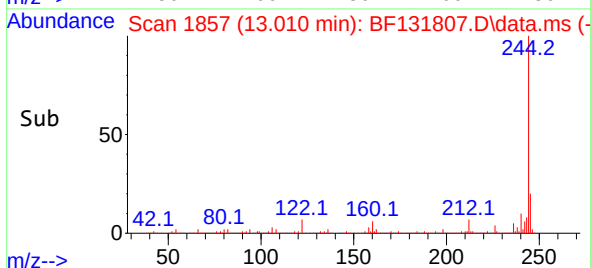
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

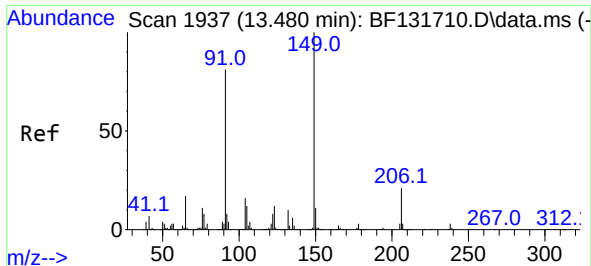


#79
Terphenyl-d14
Concen: 94.159 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:244 Resp: 1768148
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.4 7.7 11.5#





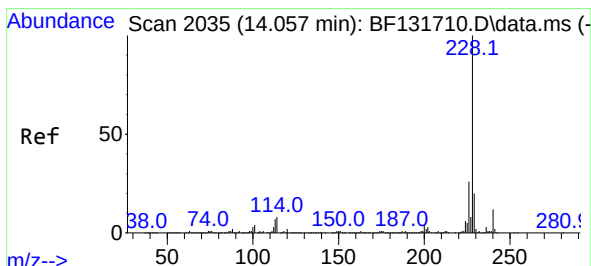
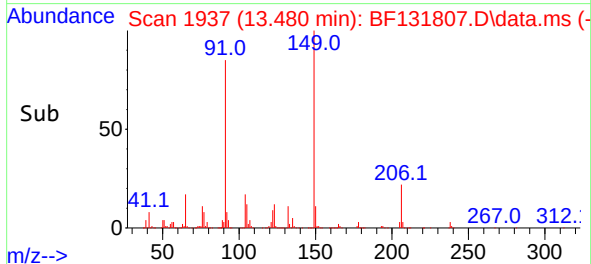
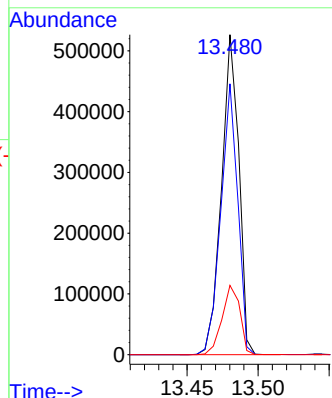
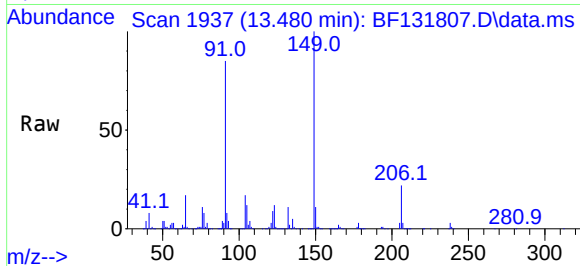
#80
Butylbenzylphthalate
Concen: 47.537 ng
RT: 13.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :
BNA_F
ClientSampleId :
PB149887BS

Tgt Ion:149 Resp: 446129
Ion Ratio Lower Upper
149 100
91 84.7 64.9 97.3
206 21.7 17.0 25.4

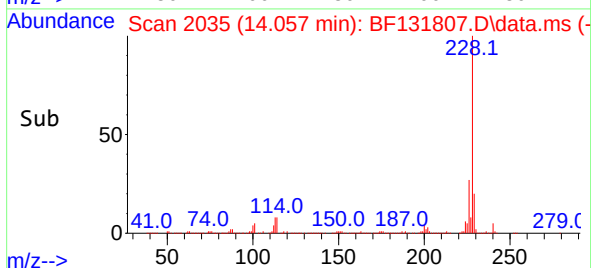
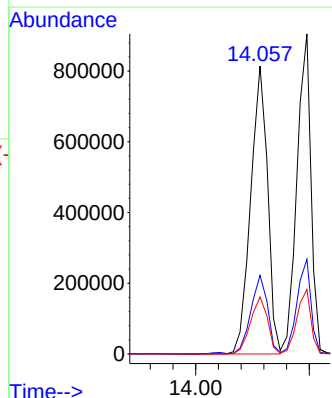
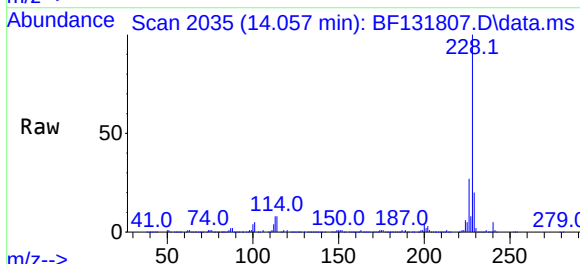
Manual Integrations
APPROVED

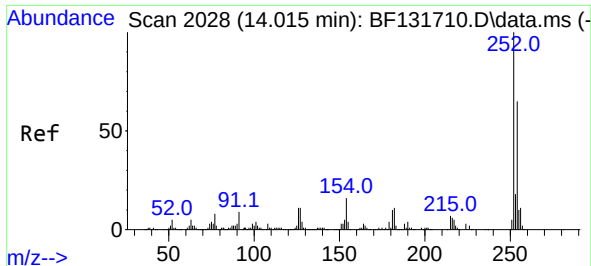
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#81
Benzo(a)anthracene
Concen: 39.977 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

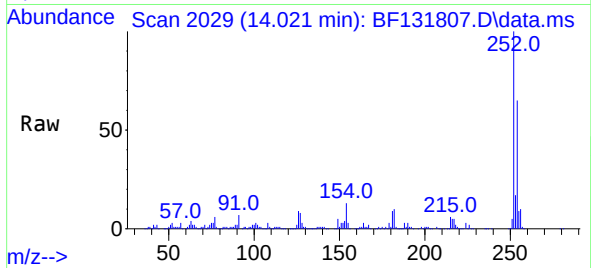
Tgt Ion:228 Resp: 842630
Ion Ratio Lower Upper
228 100
226 27.3 21.0 31.4
229 19.8 15.8 23.8





#82
3,3'-Dichlorobenzidine
Concen: 28.207 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

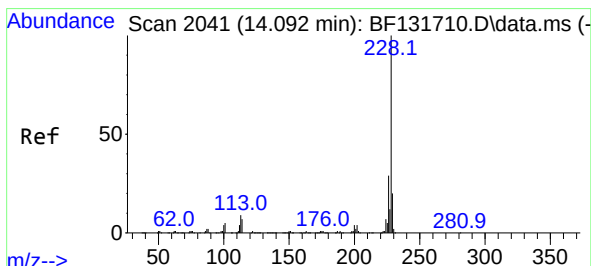
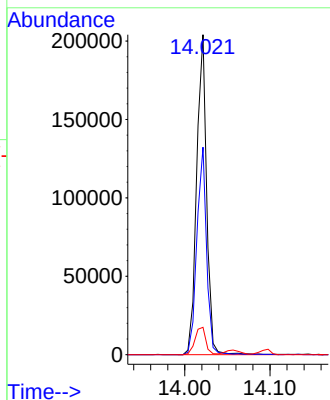
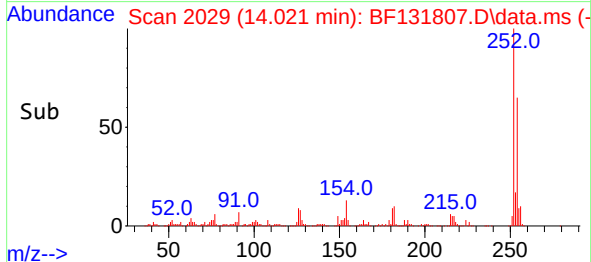
Instrument :
BNA_F
ClientSampleId :
PB149887BS



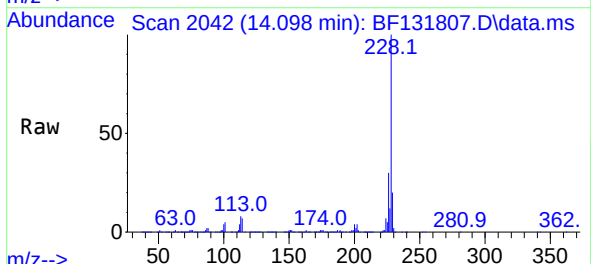
Tgt Ion:252 Resp: 165990
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 8.6 8.4 12.6

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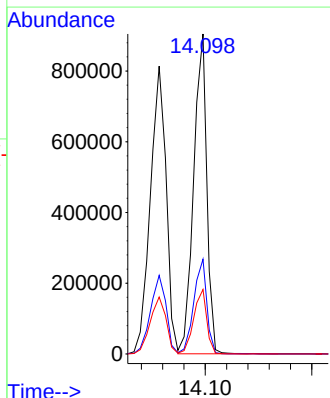
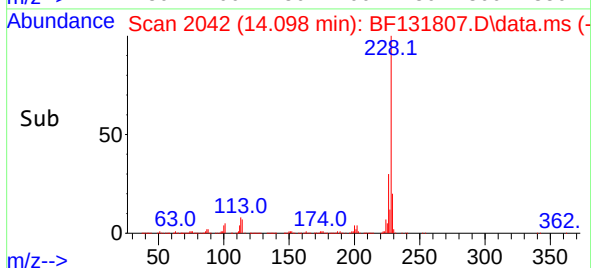
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

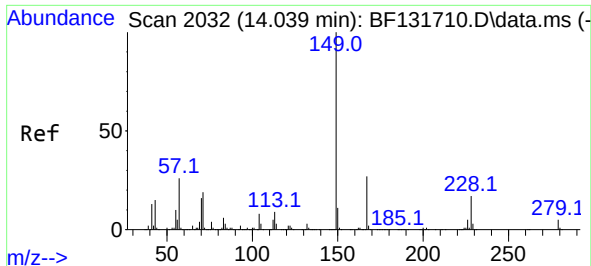


#83
Chrysene
Concen: 39.043 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:228 Resp: 776725
Ion Ratio Lower Upper
228 100
226 29.6 23.5 35.3
229 20.1 15.6 23.4





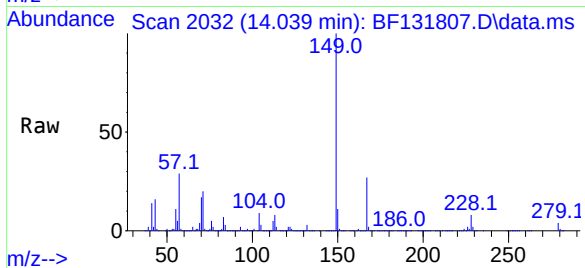
#84
Bis(2-ethylhexyl)phthalate
Concen: 55.373 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

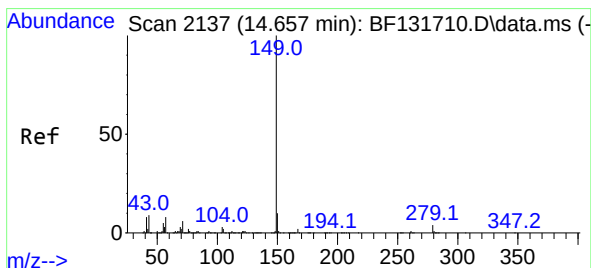
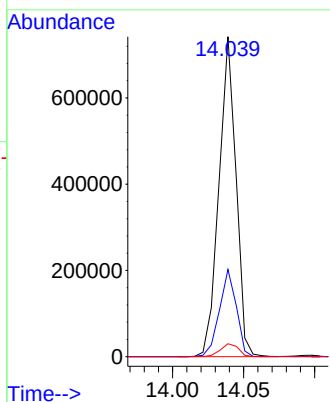
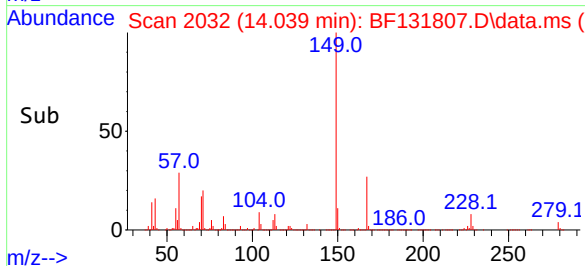


Tgt Ion:149 Resp: 619662
Ion Ratio Lower Upper
149 100
167 27.3 21.7 32.5
279 4.1 3.8 5.6

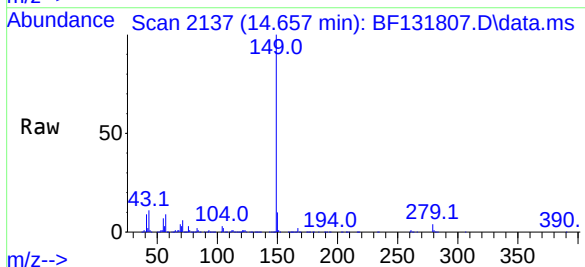
Manual Integrations

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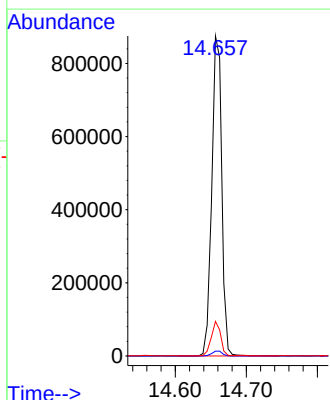
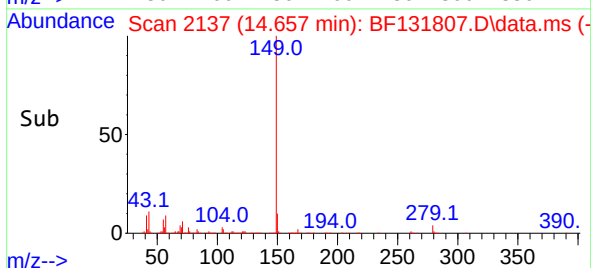
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

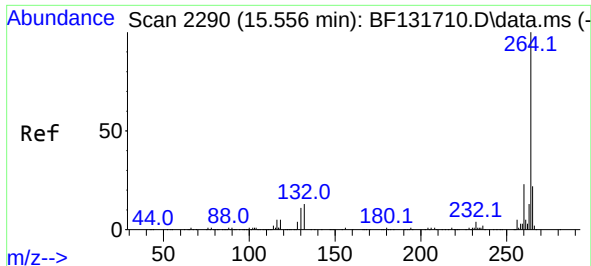


#85
Di-n-octyl phthalate
Concen: 54.740 ng
RT: 14.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:149 Resp: 855106
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

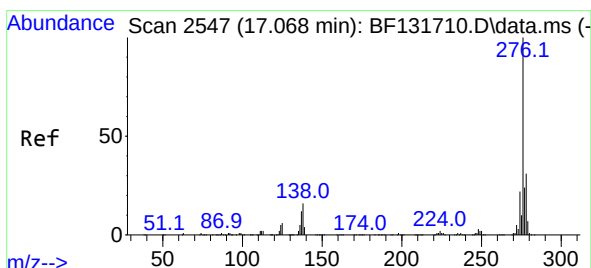
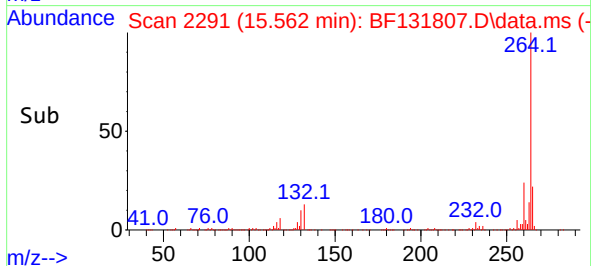
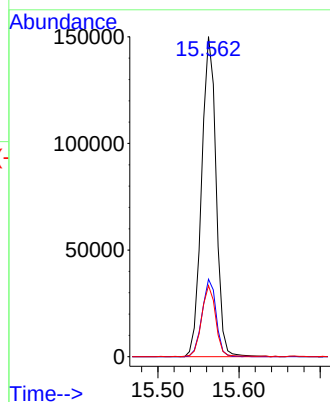
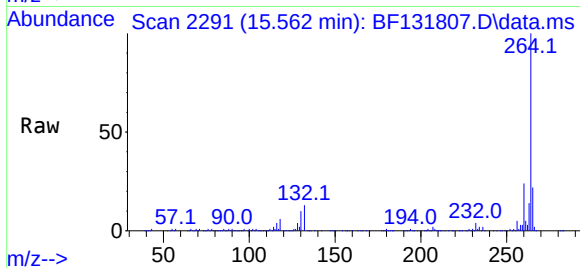
PB149887BS

Tgt Ion:264 Resp: 185838
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.2 17.4 26.2

Manual Integrations

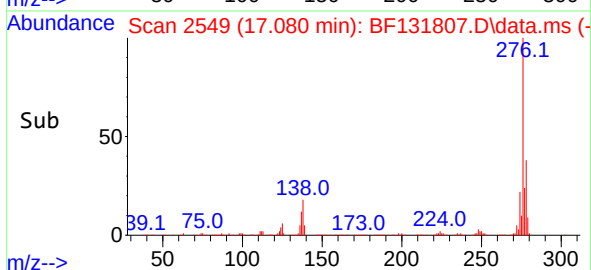
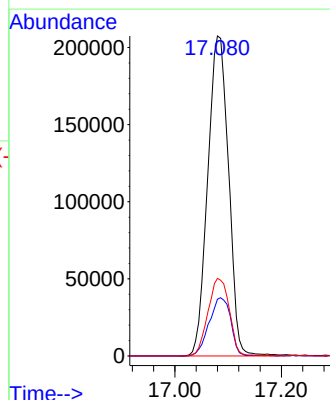
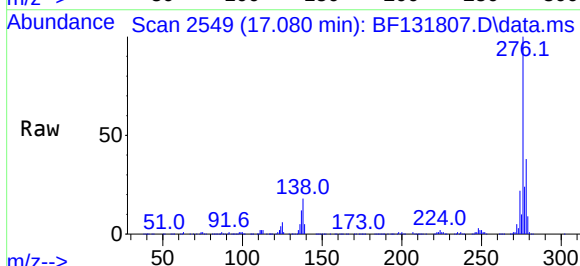
APPROVED

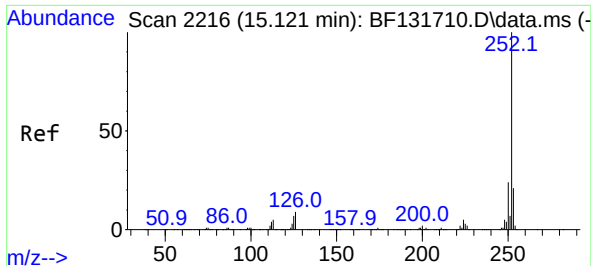
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 45.105 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:276 Resp: 563021
Ion Ratio Lower Upper
276 100
138 18.9 14.4 21.6
277 24.9 19.8 29.8





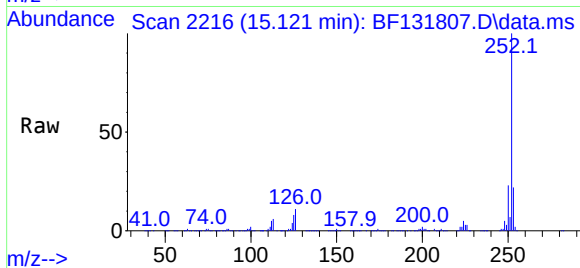
#88
Benzo(b)fluoranthene
Concen: 47.321 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

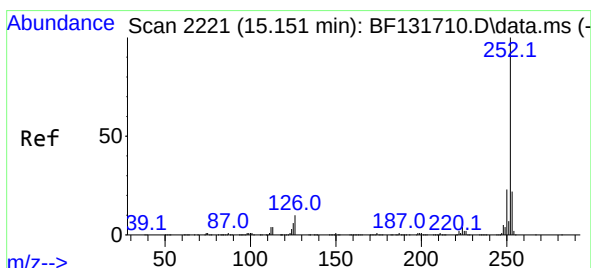
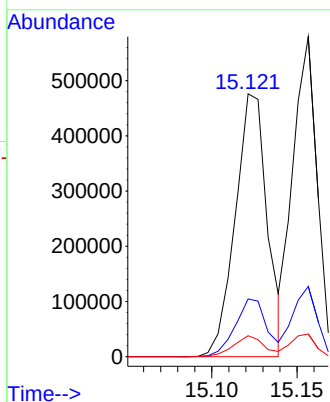
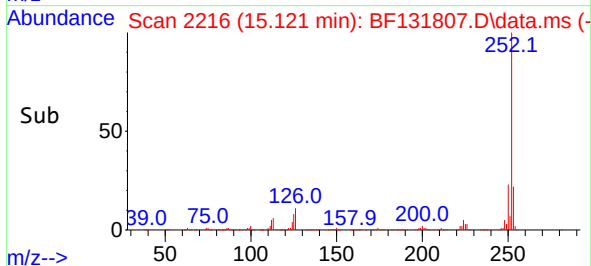


Tgt Ion:252 Resp: 622170
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.0 5.5 8.3

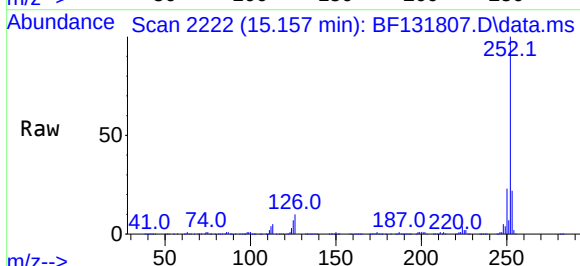
Manual Integrations

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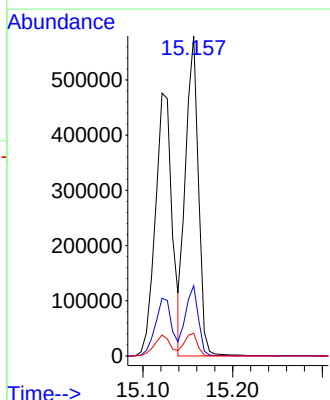
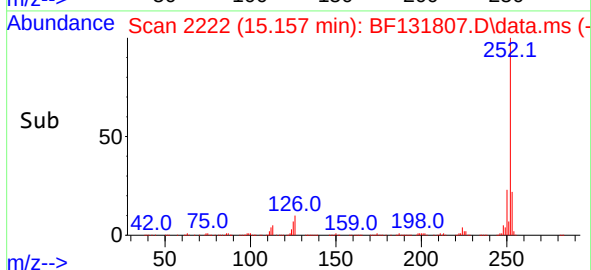
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

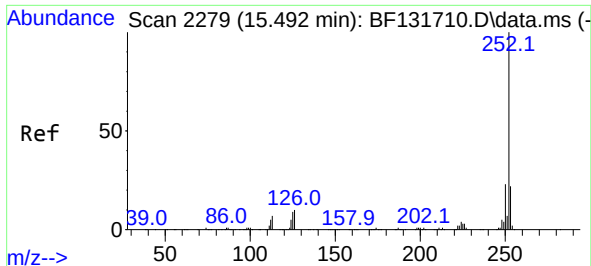


#89
Benzo(k)fluoranthene
Concen: 45.141 ng
RT: 15.157 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30



Tgt Ion:252 Resp: 579138
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.1 5.2 7.8





#90
Benzo(a)pyrene
Concen: 47.295 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

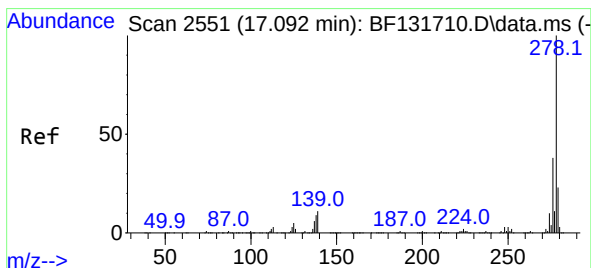
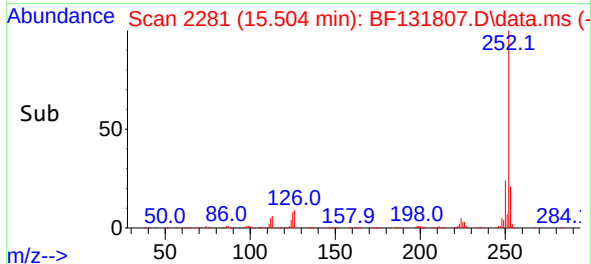
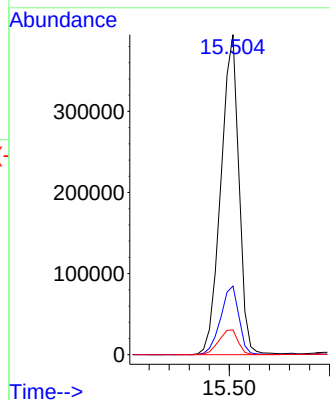
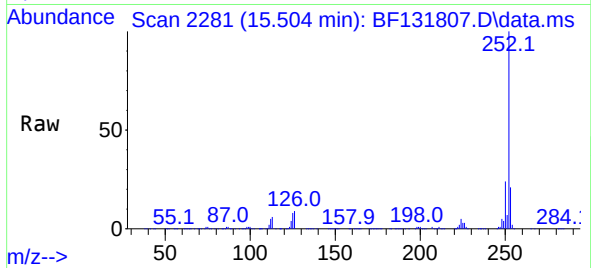
PB149887BS

Tgt Ion:252 Resp: 49255
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 7.8 7.0 10.4

Manual Integrations

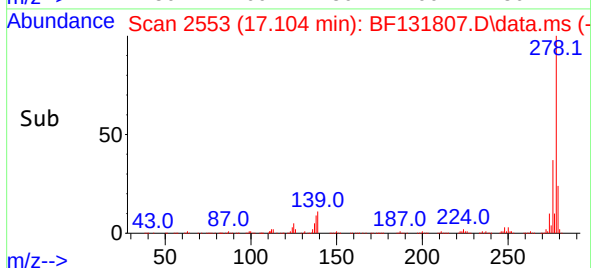
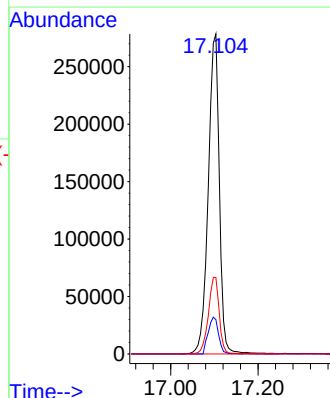
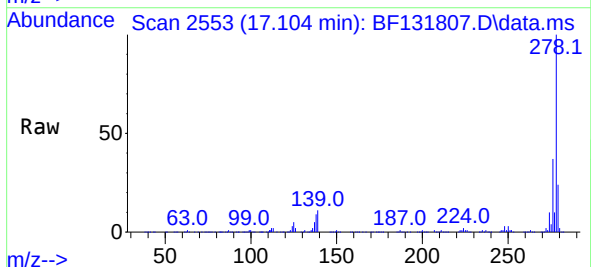
APPROVED

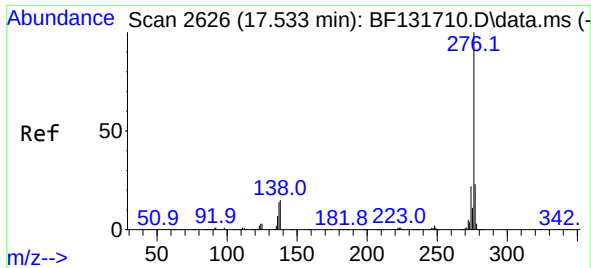
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#91
Dibenzo(a,h)anthracene
Concen: 47.817 ng
RT: 17.104 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:278 Resp: 493262
Ion Ratio Lower Upper
278 100
139 10.8 8.7 13.1
279 23.9 18.7 28.1





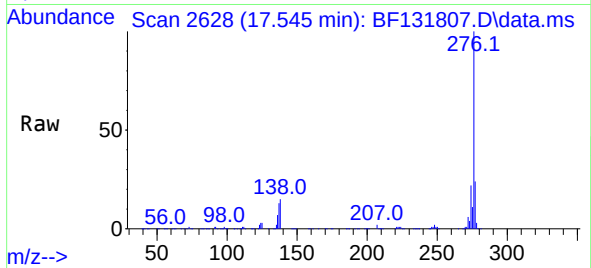
#92
 Benzo(g,h,i)perylene
 Concen: 45.372 ng
 RT: 17.545 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS



Tgt Ion:276 Resp: 462610
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.3 27.5
 138 15.0 12.3 18.5

Manual Integrations

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 Supervised By :Jagrut Upadhyay 12/24/2022

