

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131858.D
 Acq On : 28 Dec 2022 13:14
 Operator : CG\JU
 Sample : PB149912BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149912BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/29/2022
 Supervised By : Jagrut Upadhyay 01/03/2023

Quant Time: Dec 29 00:53:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	76275	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	281622	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	163585	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	328484	20.000	ng	0.00
76) Chrysene-d12	14.039	240	238293	20.000	ng	0.00
86) Perylene-d12	15.521	264	182607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	654365	142.173	ng	0.01
7) Phenol-d6	6.469	99	846598	140.004	ng	0.00
23) Nitrobenzene-d5	7.398	82	593977	84.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	258809	145.615	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1022516	85.617	ng	0.00
79) Terphenyl-d14	12.974	244	1346158	95.557	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	81050	37.974	ng	99
3) Pyridine	3.357	79	232072	38.677	ng	98
4) n-Nitrosodimethylamine	3.334	42	126759	44.929	ng	98
6) Aniline	6.492	93	286631	39.085	ng	99
8) 2-Chlorophenol	6.610	128	223557	46.103	ng	95
9) Benzaldehyde	6.375	77	165091	42.549	ng	95
10) Phenol	6.481	94	322746	44.819	ng	91
11) bis(2-Chloroethyl)ether	6.563	93	236716	45.969	ng	99
12) 1,3-Dichlorobenzene	6.763	146	244792	44.175	ng	97
13) 1,4-Dichlorobenzene	6.845	146	248825	44.555	ng	97
14) 1,2-Dichlorobenzene	6.998	146	236733	45.113	ng	100
15) Benzyl Alcohol	6.975	79	245006	46.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	297331	45.246	ng	98
17) 2-Methylphenol	7.087	107	198771	44.838	ng	99
18) Hexachloroethane	7.340	117	99689	44.207	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	191952	44.947	ng	99
20) 3+4-Methylphenols	7.245	107	256652	44.372	ng	97
22) Acetophenone	7.245	105	365974	44.326	ng	# 98
24) Nitrobenzene	7.416	77	302380	42.775	ng	98
25) Isophorone	7.657	82	525370	45.608	ng	99
26) 2-Nitrophenol	7.734	139	121600	44.243	ng	96
27) 2,4-Dimethylphenol	7.775	122	201110	51.297	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	290925	47.077	ng	99
29) 2,4-Dichlorophenol	7.981	162	202833	42.942	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	240776	42.994	ng	98
31) Naphthalene	8.139	128	647530	41.984	ng	99
32) Benzoic acid	7.916	122	138086	48.189	ng	94
33) 4-Chloroaniline	8.192	127	146472	24.751	ng	98
34) Hexachlorobutadiene	8.251	225	154649	40.363	ng	100
35) Caprolactam	8.575	113	56588m	40.464	ng	
36) 4-Chloro-3-methylphenol	8.686	107	241184	45.180	ng	96
37) 2-Methylnaphthalene	8.834	142	438394	42.352	ng	99
38) 1-Methylnaphthalene	8.934	142	407028	40.482	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	253558	44.144	ng	99
41) Hexachlorocyclopentadiene	8.986	237	287125	109.350	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	156935	42.660	ng	98

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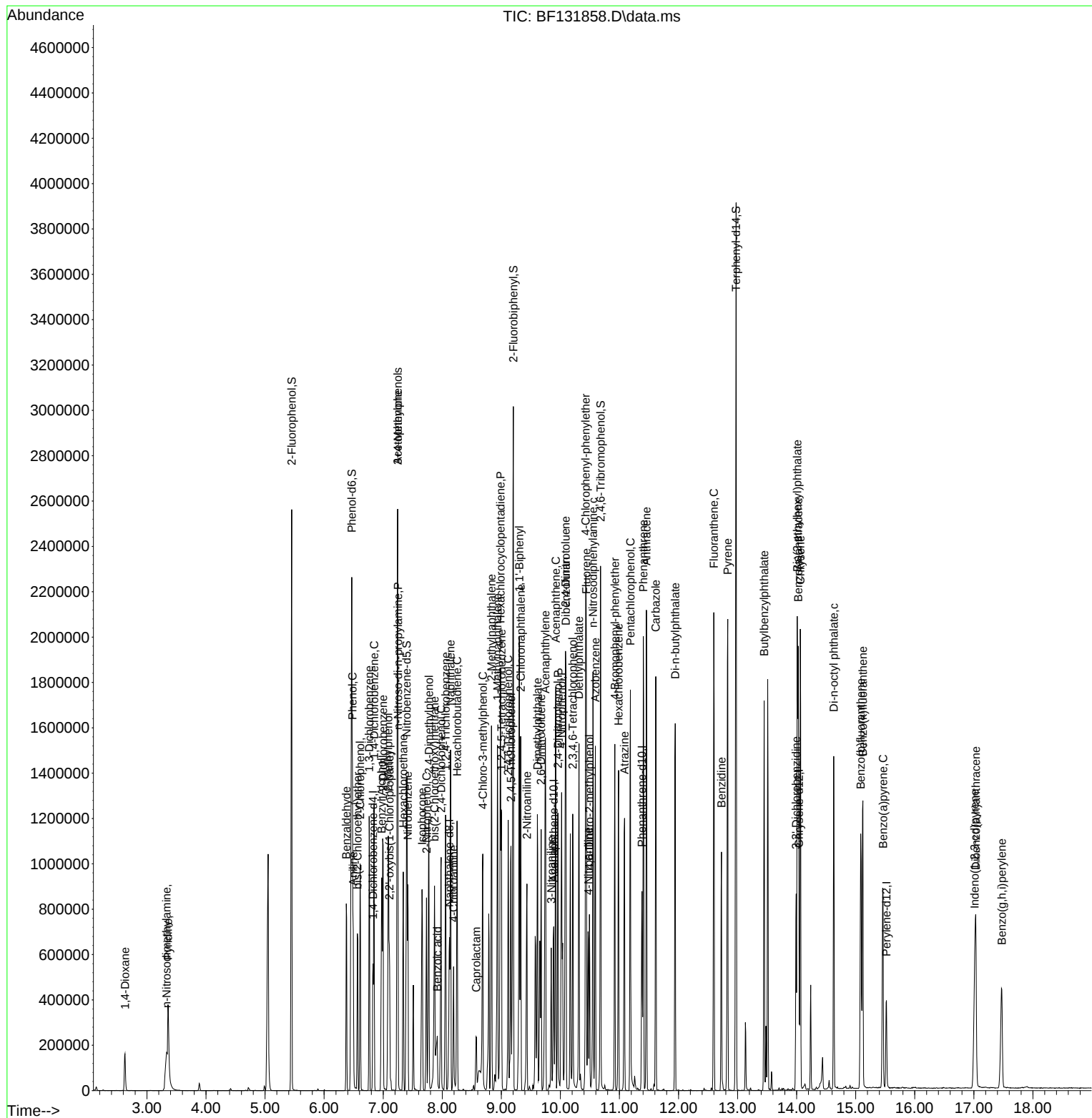
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	168380	42.342	ng	95
46) 1,1'-Biphenyl	9.304	154	551781	44.058	ng	98
47) 2-Chloronaphthalene	9.328	162	445259	42.973	ng	98
48) 2-Nitroaniline	9.434	65	163343	43.010	ng	97
49) Acenaphthylene	9.745	152	673259	43.638	ng	99
50) Dimethylphthalate	9.610	163	534168	43.162	ng	99
51) 2,6-Dinitrotoluene	9.675	165	117451	43.841	ng	98
52) Acenaphthene	9.922	154	397228	42.660	ng	100
53) 3-Nitroaniline	9.845	138	77944	28.553	ng	99
54) 2,4-Dinitrophenol	9.957	184	146614	95.097	ng	98
55) Dibenzofuran	10.092	168	616822	42.996	ng	98
56) 4-Nitrophenol	10.022	139	174594	91.303	ng	87
57) 2,4-Dinitrotoluene	10.086	165	163666	44.671	ng	95
58) Fluorene	10.439	166	498923	42.600	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	142894m	43.787	ng	
60) Diethylphthalate	10.316	149	509630	42.786	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	265801	43.657	ng	98
62) 4-Nitroaniline	10.475	138	117410	41.270	ng	97
63) Azobenzene	10.592	77	560855	42.427	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	95876	42.868	ng	82
66) n-Nitrosodiphenylamine	10.551	169	432943	43.207	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	161844	42.510	ng	97
68) Hexachlorobenzene	10.986	284	181241	43.336	ng	# 91
69) Atrazine	11.086	200	163121	49.448	ng	98
70) Pentachlorophenol	11.186	266	200193	96.737	ng	99
71) Phenanthrene	11.404	178	759642	42.053	ng	100
72) Anthracene	11.457	178	771475	43.658	ng	99
73) Carbazole	11.616	167	678720	43.508	ng	99
74) Di-n-butylphthalate	11.945	149	776730	41.193	ng	99
75) Fluoranthene	12.598	202	885925	42.106	ng	99
77) Benzidine	12.727	184	378102	96.552	ng	98
78) Pyrene	12.833	202	900922	45.107	ng	99
80) Butylbenzylphthalate	13.451	149	338745	45.726	ng	97
81) Benzo(a)anthracene	14.027	228	778476	45.121	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	168190	33.728	ng	98
83) Chrysene	14.063	228	733077	45.217	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	441339	48.928	ng	98
85) Di-n-octyl phthalate	14.627	149	670703	55.236	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	485036	41.809	ng	99
88) Benzo(b)fluoranthene	15.086	252	637746	47.630	ng	99
89) Benzo(k)fluoranthene	15.121	252	567356	43.855	ng	98
90) Benzo(a)pyrene	15.463	252	481931	46.490	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	400701	42.167	ng	99
92) Benzo(g,h,i)perylene	17.474	276	396950	36.703	ng	96

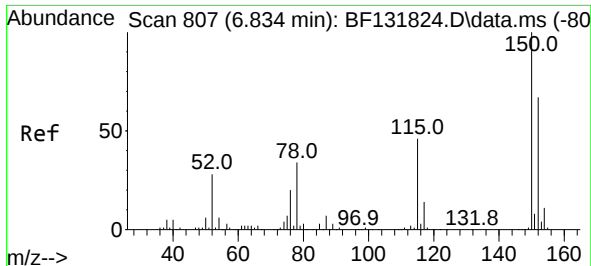
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Christian Giraldo	12/29/2022
Supervised By :Jagrut Upadhyay	01/03/2023

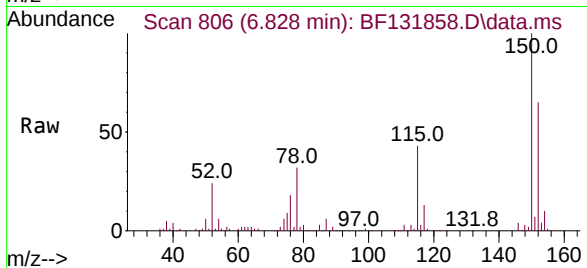
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

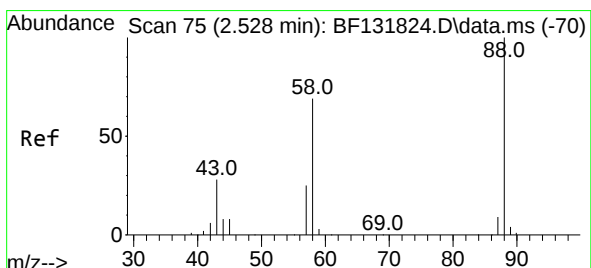
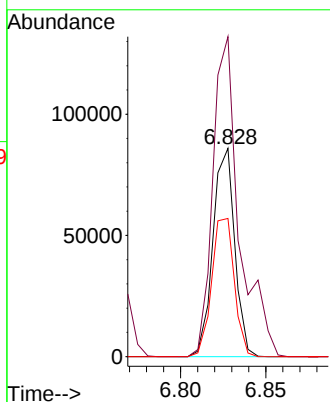
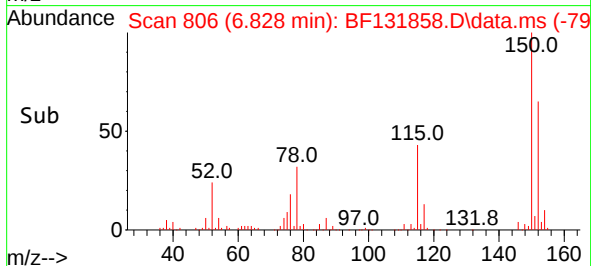
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 PB149912BSD



Tgt Ion:152 Resp: 76275
 Ion Ratio Lower Upper
 152 100
 150 153.6 120.0 180.0
 115 66.3 55.1 82.7

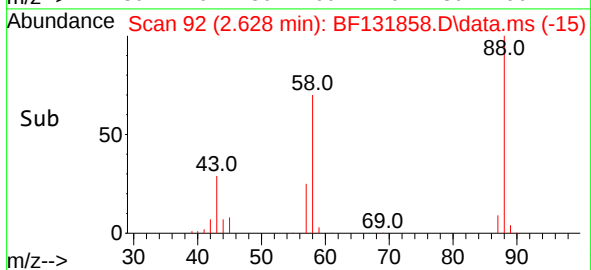
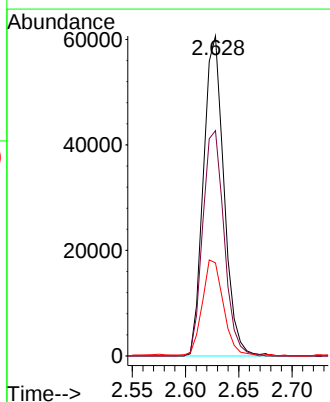
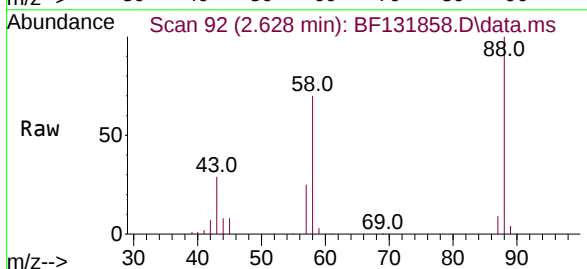
Manual Integrations
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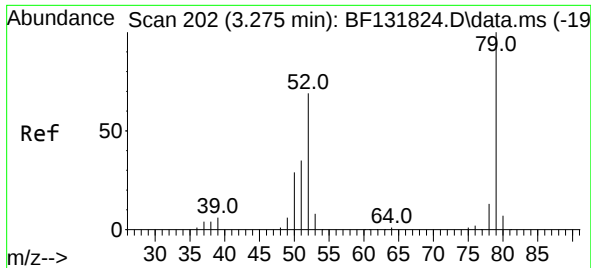
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023



#2
 1,4-Dioxane
 Concen: 37.974 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.100 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

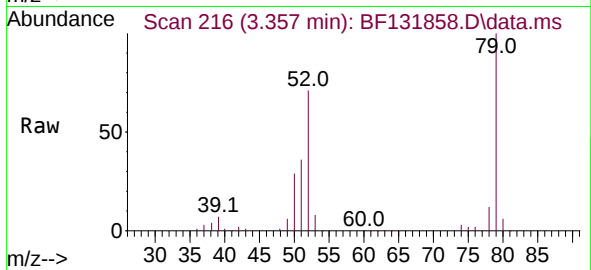
Tgt Ion: 88 Resp: 81050
 Ion Ratio Lower Upper
 88 100
 58 73.3 58.2 87.2
 43 31.1 24.2 36.4





#3
Pyridine
Concen: 38.677 ng
RT: 3.357 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

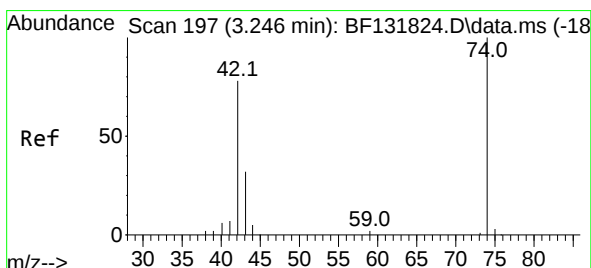
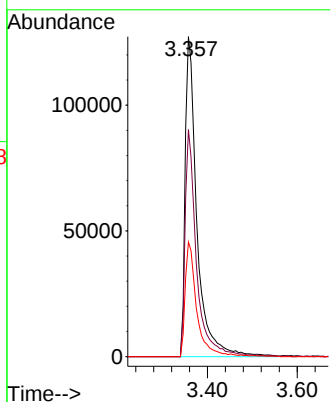
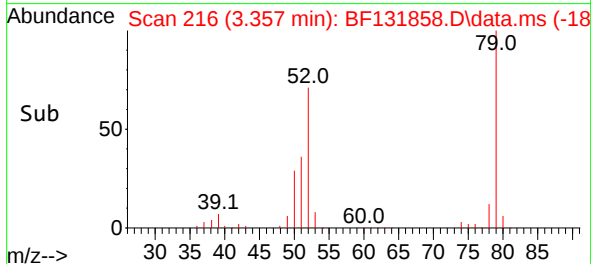
Instrument :
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ClientSampleId :
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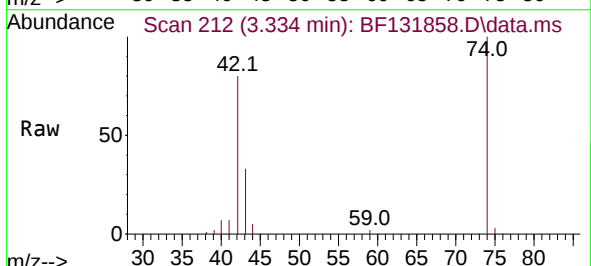
Tgt Ion: 79 Resp: 232072
Ion Ratio Lower Upper
79 100
52 70.9 55.4 83.2
51 35.8 27.8 41.8

Manual Integrations
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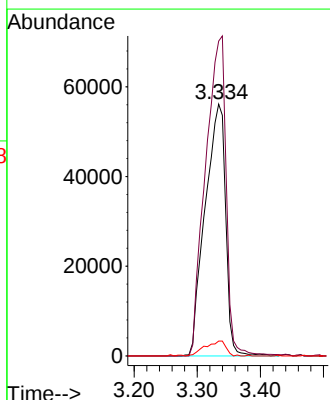
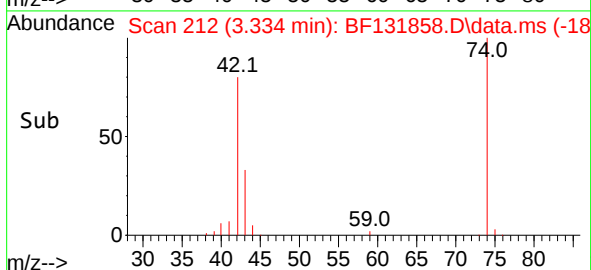
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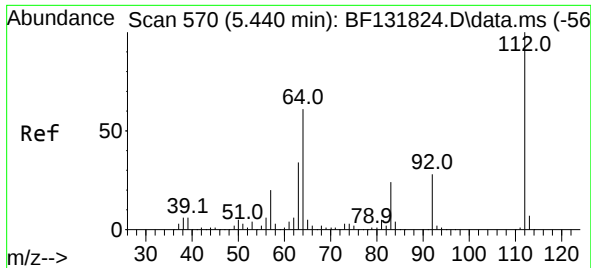


#4
n-Nitrosodimethylamine
Concen: 44.929 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.088 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



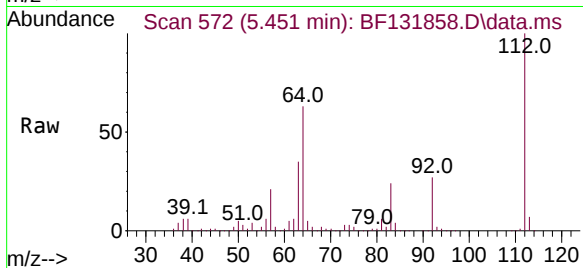
Tgt Ion: 42 Resp: 126759
Ion Ratio Lower Upper
42 100
74 125.0 102.0 153.0
44 5.9 4.6 7.0





#5
2-Fluorophenol
Concen: 142.173 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

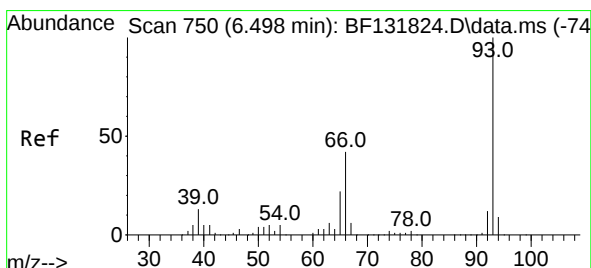
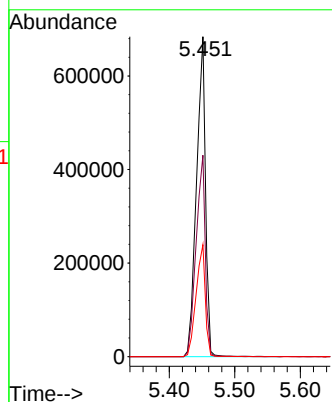
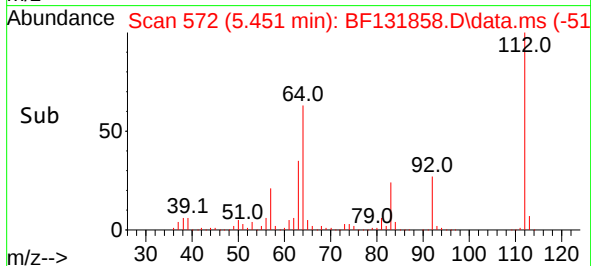
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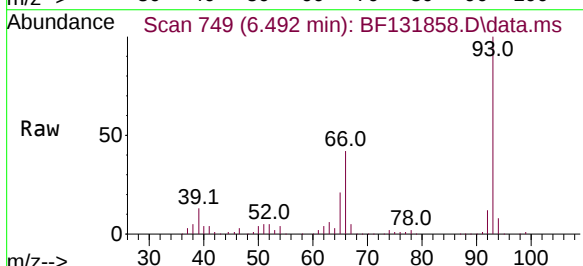
Tgt Ion:112 Resp: 65436
Ion Ratio Lower Upper
112 100
64 62.9 49.2 73.8
63 35.0 27.5 41.3

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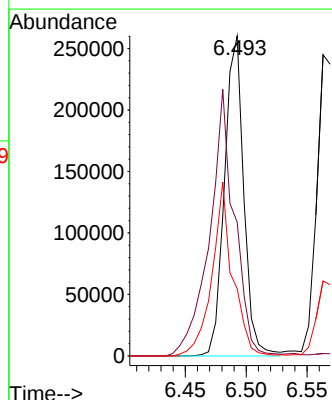
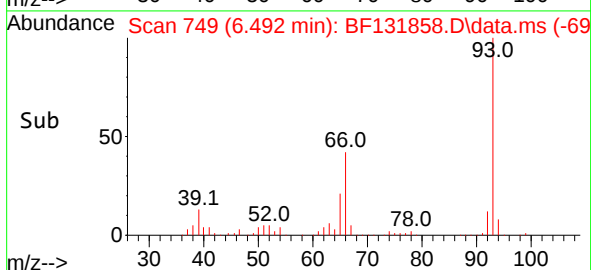
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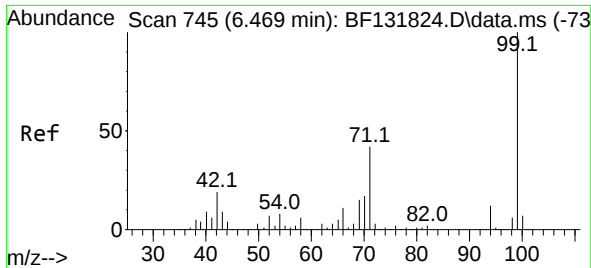


#6
Aniline
Concen: 39.085 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



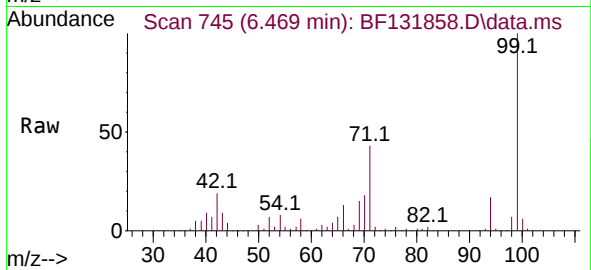
Tgt Ion: 93 Resp: 286631
Ion Ratio Lower Upper
93 100
66 41.8 33.9 50.9
65 21.0 17.4 26.0





#7
Phenol-d6
Concen: 140.004 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

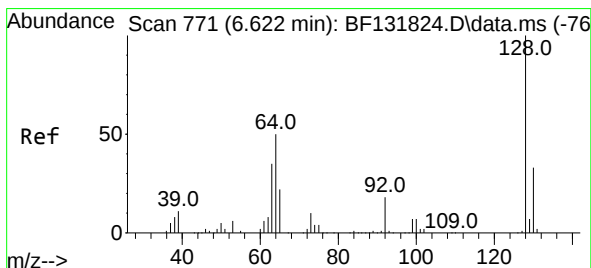
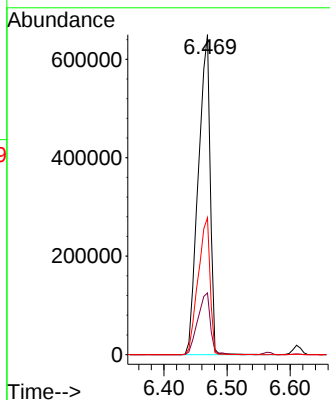
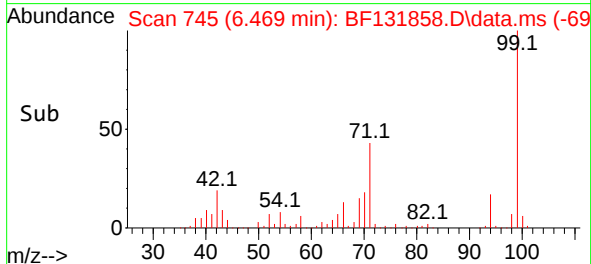
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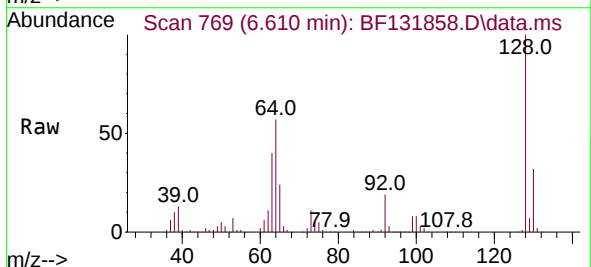
Tgt Ion: 99 Resp: 846598
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 42.8 33.5 50.3

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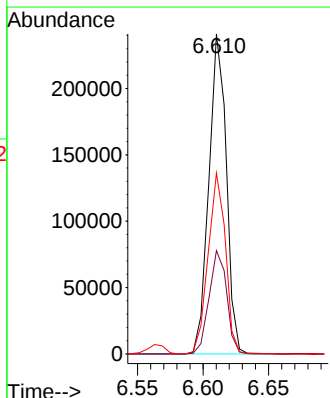
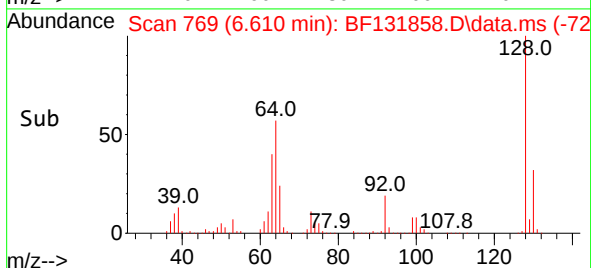
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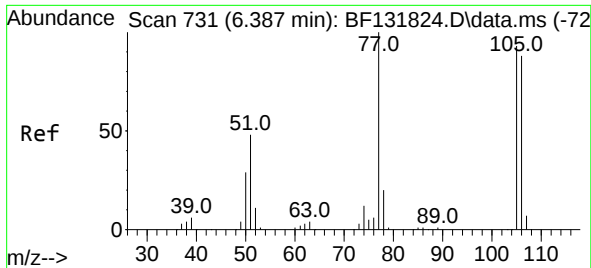


#8
2-Chlorophenol
Concen: 46.103 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:128 Resp: 223557
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 56.5 30.7 70.7





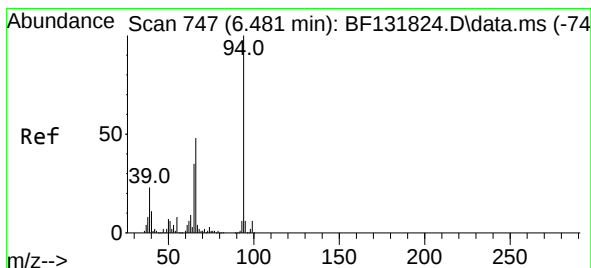
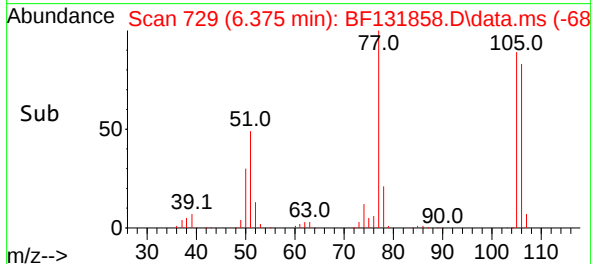
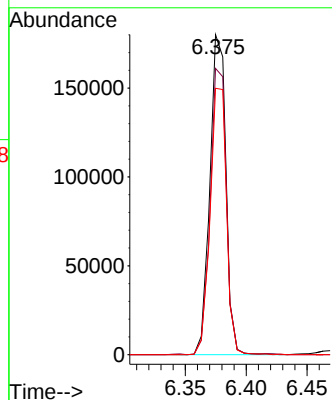
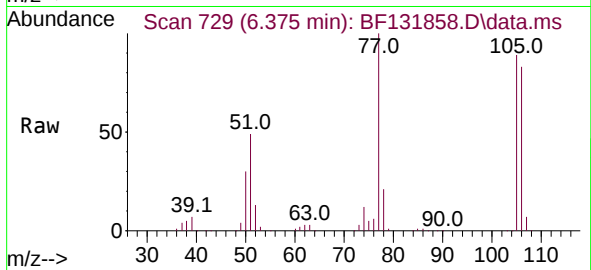
#9
Benzaldehyde
Concen: 42.549 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :
BNA_F
ClientSampleId :
PB149912BSD

Tgt Ion: 77 Resp: 165091
Ion Ratio Lower Upper
77 100
105 89.4 72.9 112.9
106 83.2 68.5 108.5

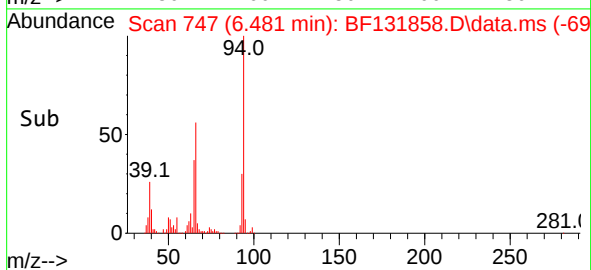
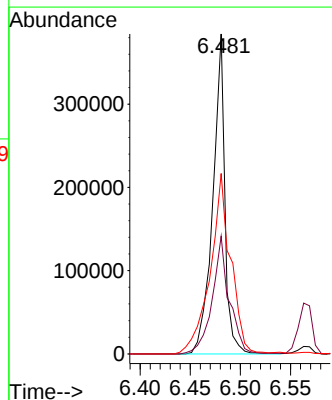
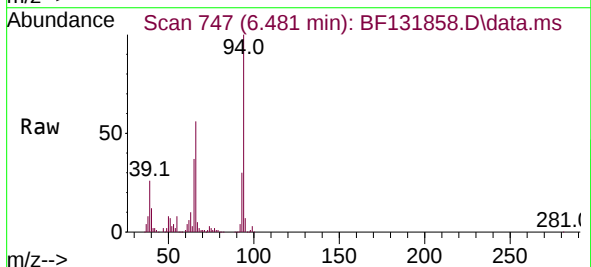
Manual Integrations
APPROVED

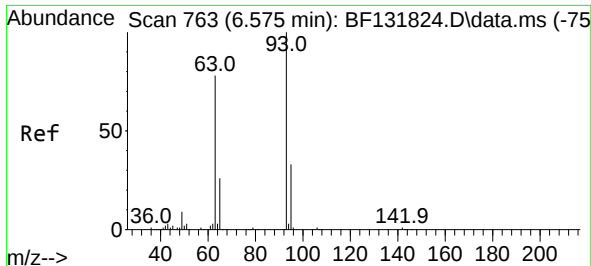
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#10
Phenol
Concen: 44.819 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

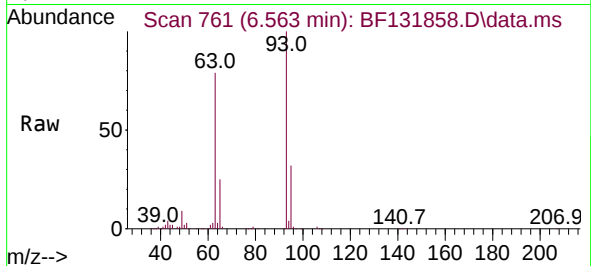
Tgt Ion: 94 Resp: 322746
Ion Ratio Lower Upper
94 100
65 36.8 14.6 54.6
66 56.4 28.2 68.2





#11
bis(2-Chloroethyl)ether
Concen: 45.969 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

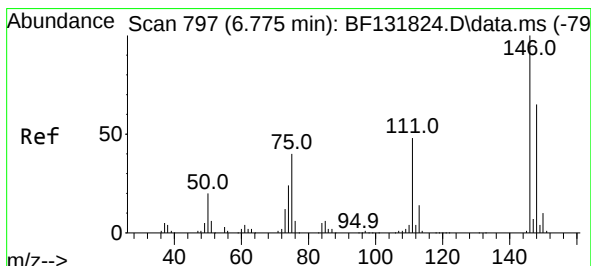
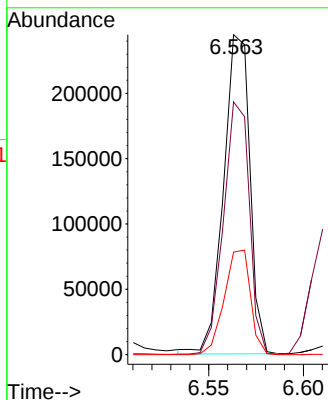
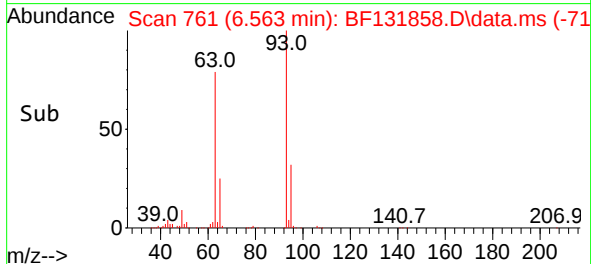
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



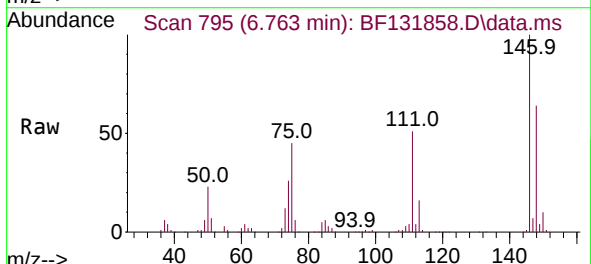
Tgt Ion: 93 Resp: 236716
Ion Ratio Lower Upper
93 100
63 79.0 57.6 97.6
95 32.0 12.7 52.7

Manual Integrations
APPROVED

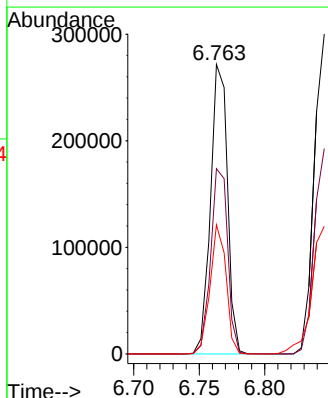
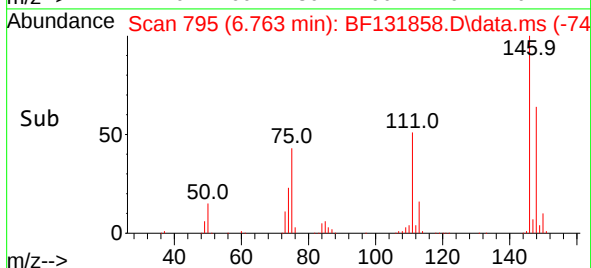
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

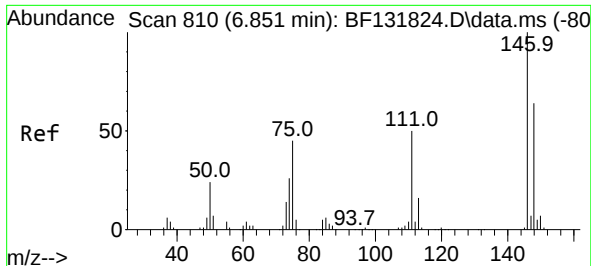


#12
1,3-Dichlorobenzene
Concen: 44.175 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:146 Resp: 244792
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 44.6 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 44.555 ng

RT: 6.845 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

Tgt Ion:146 Resp: 248825

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

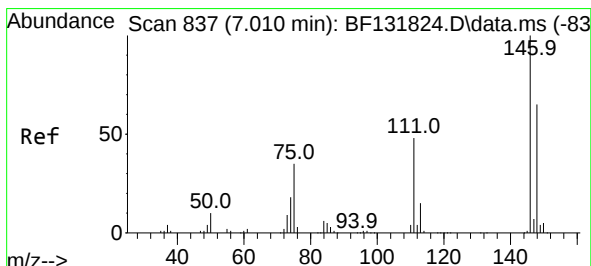
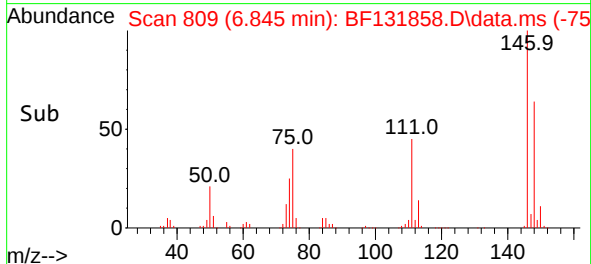
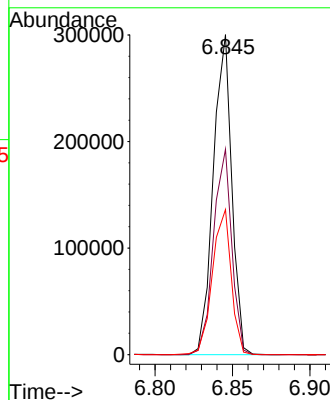
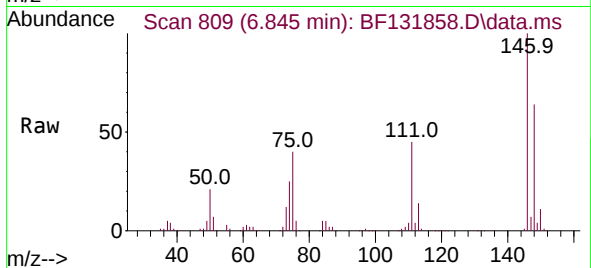
111 45.3 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#14

1,2-Dichlorobenzene

Concen: 45.113 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

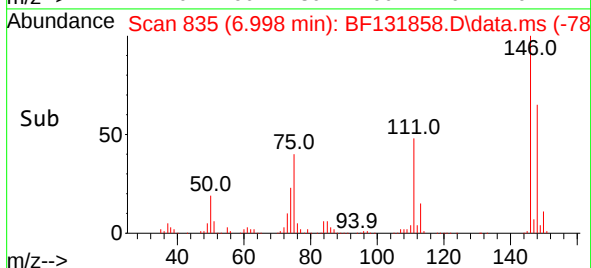
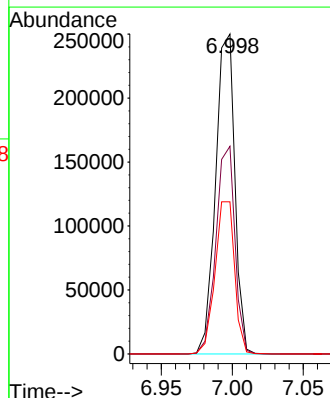
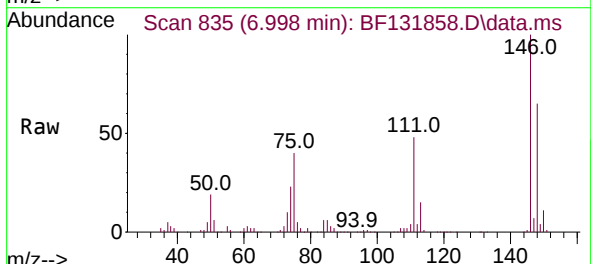
Tgt Ion:146 Resp: 236733

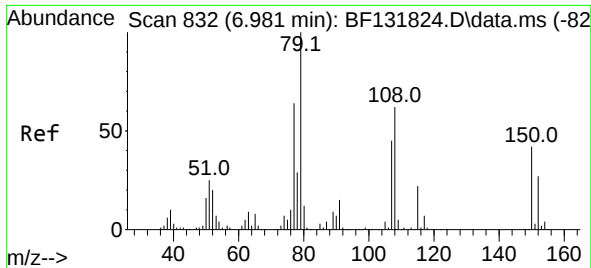
Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

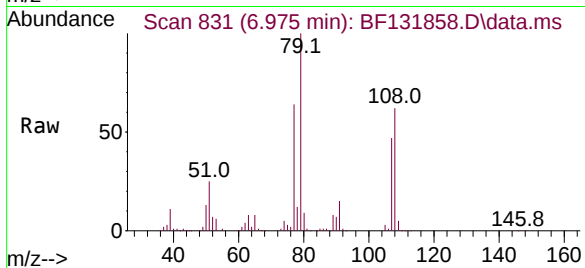
111 47.5 38.2 57.4





#15
Benzyl Alcohol
Concen: 46.204 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

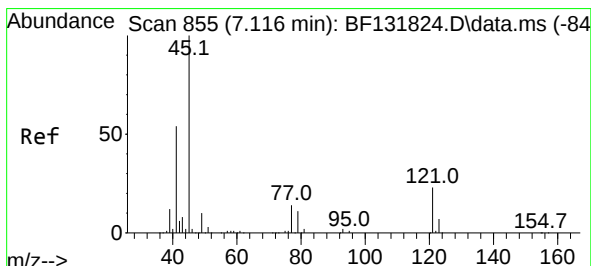
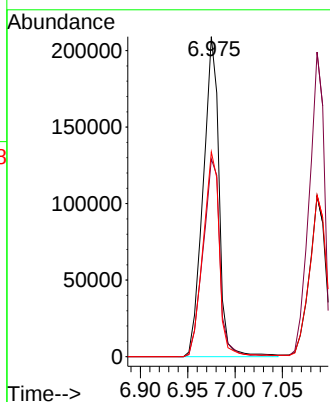
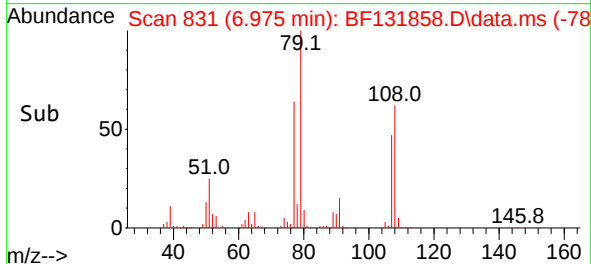
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion: 79 Resp: 245000
Ion Ratio Lower Upper
79 100
108 61.8 49.8 74.8
77 64.0 51.4 77.0

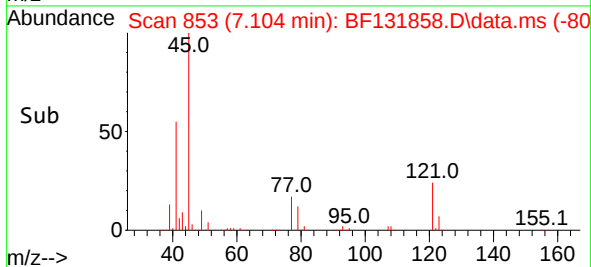
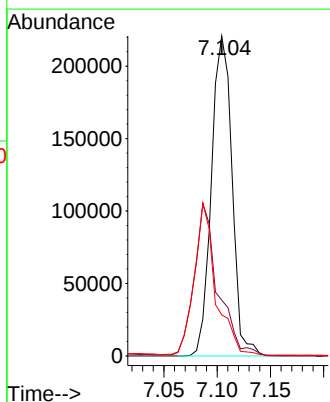
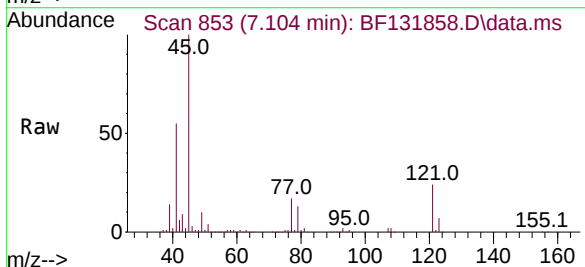
Manual Integrations
APPROVED

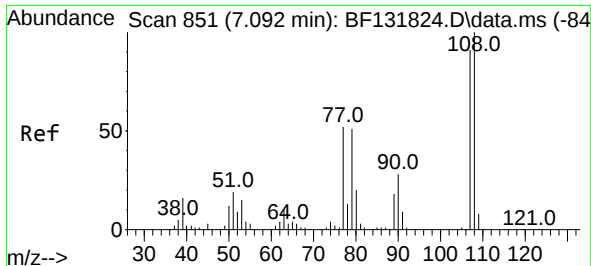
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.246 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 45 Resp: 297331
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.1
79 12.8 0.0 33.3





#17
2-Methylphenol
Concen: 44.838 ng
RT: 7.087 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

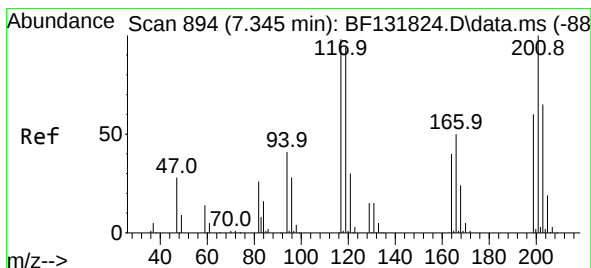
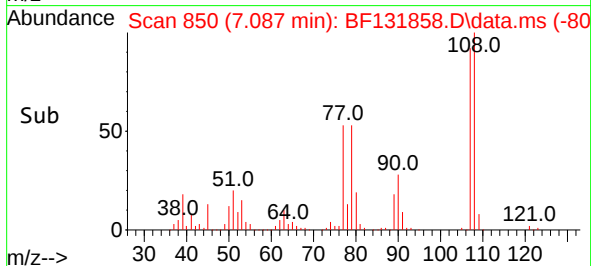
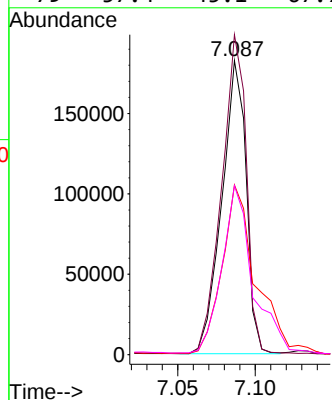
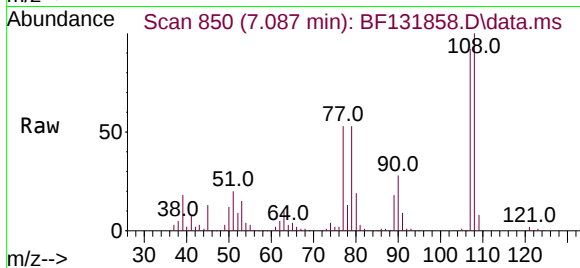
PB149912BSD

Tgt Ion:107 Resp: 19877
Ion Ratio Lower Upper
107 100
108 108.8 87.6 131.4
77 57.7 45.8 68.8
79 57.4 45.1 67.7

Manual Integrations

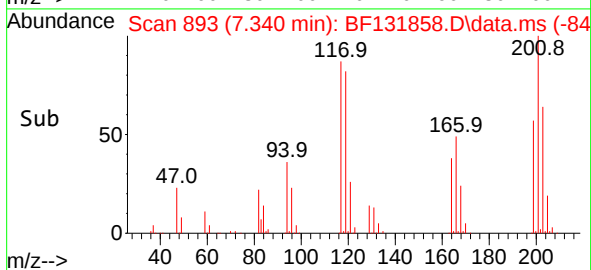
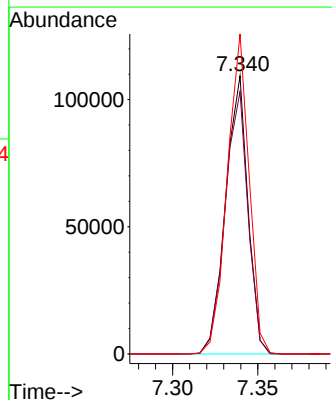
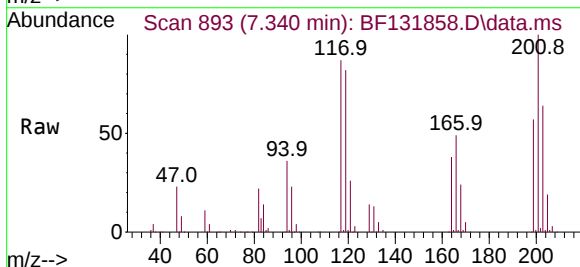
APPROVED

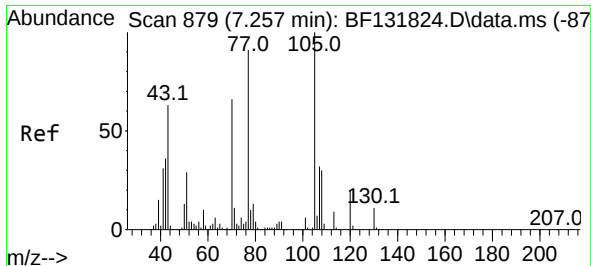
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#18
Hexachloroethane
Concen: 44.207 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:117 Resp: 99689
Ion Ratio Lower Upper
117 100
119 94.4 76.5 114.7
201 115.1 81.7 122.5





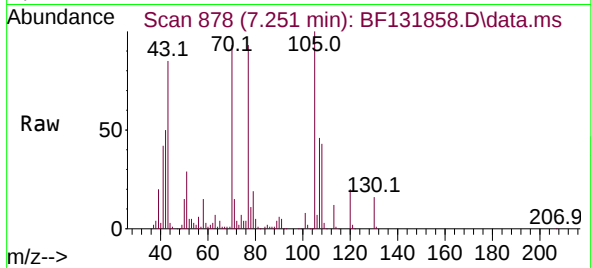
#19
n-Nitroso-di-n-propylamine
Concen: 44.947 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

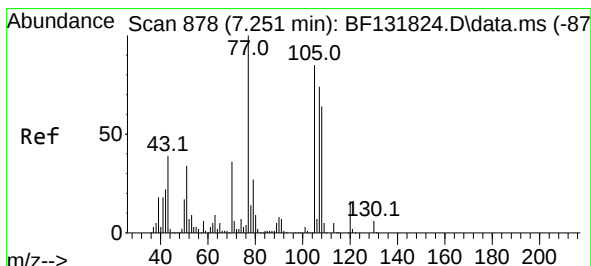
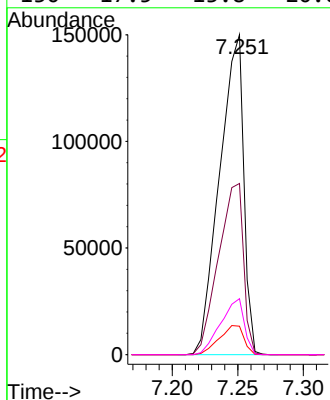
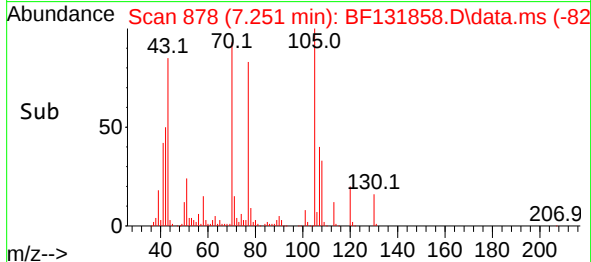


Tgt Ion: 70 Resp: 191952
Ion Ratio Lower Upper
70 100
42 53.5 43.8 65.6
101 8.9 7.4 11.0
130 17.5 13.8 20.6

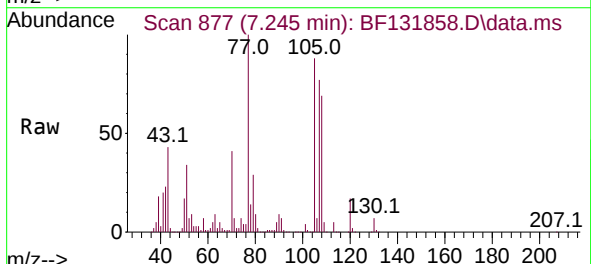
Manual Integrations

APPROVED

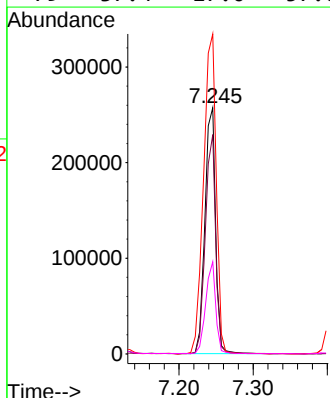
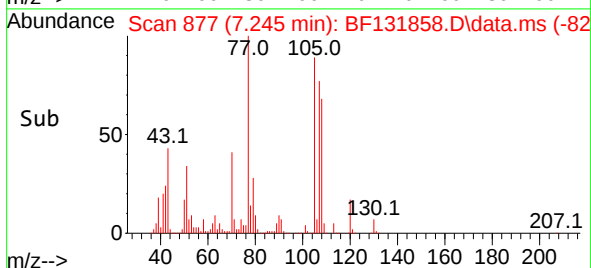
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

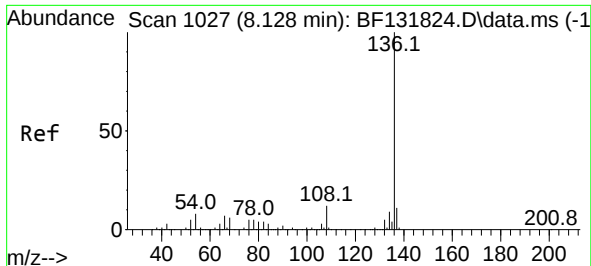


#20
3+4-Methylphenols
Concen: 44.372 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:107 Resp: 256652
Ion Ratio Lower Upper
107 100
108 89.0 67.1 107.1
77 130.0 114.9 154.9
79 37.4 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

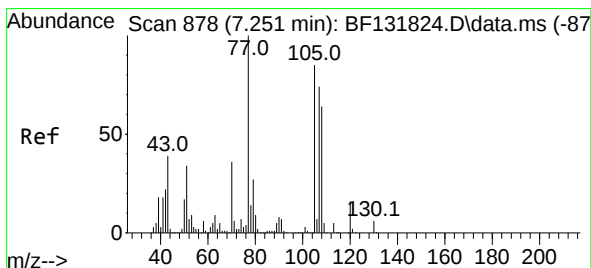
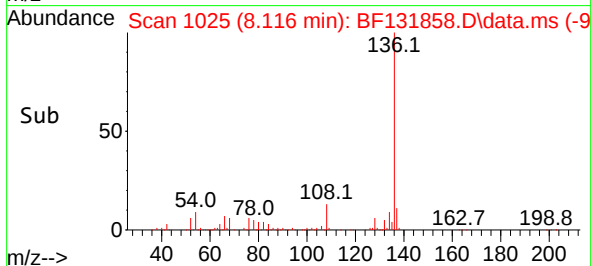
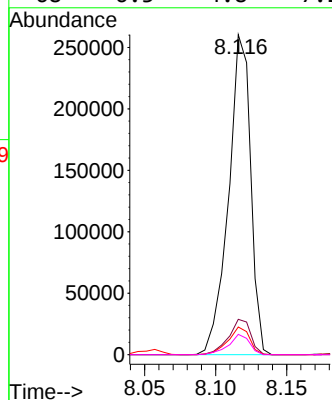
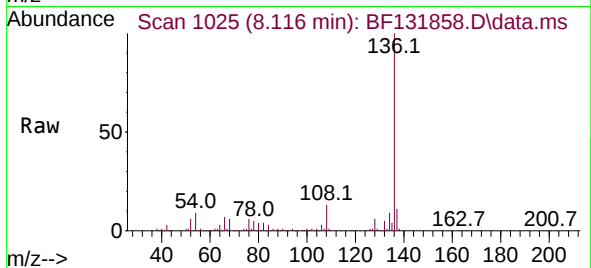
PB149912BSD

Tgt Ion:136 Resp: 281622
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.6 6.7 10.1
68 6.3 4.8 7.2

Manual Integrations

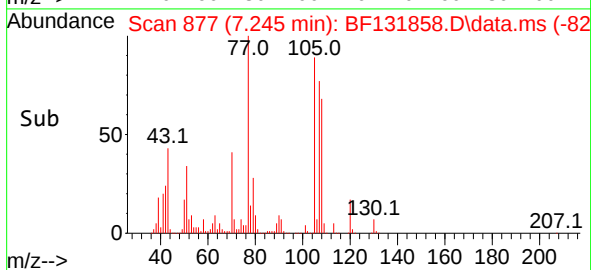
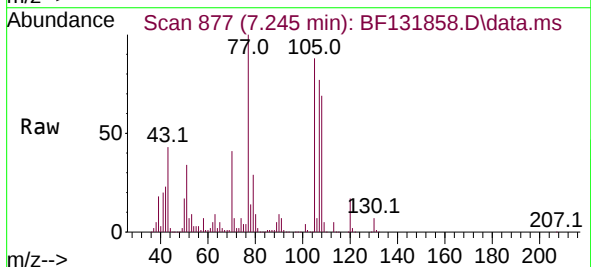
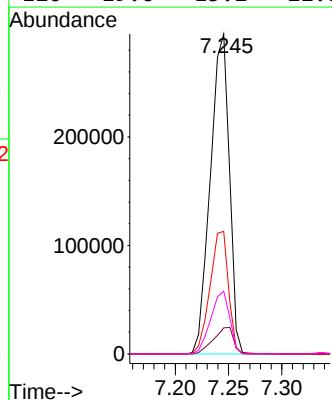
APPROVED

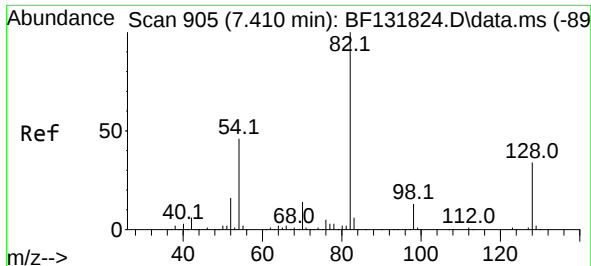
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#22
Acetophenone
Concen: 44.326 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

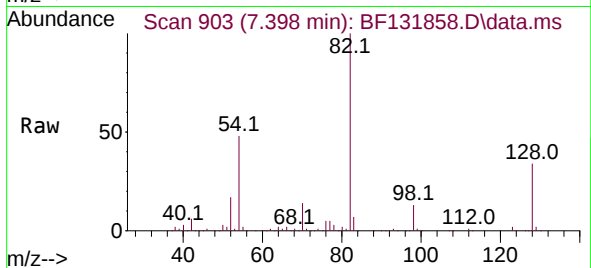
Tgt Ion:105 Resp: 365974
Ion Ratio Lower Upper
105 100
71 8.1 5.4 8.0#
51 38.3 31.9 47.9
120 19.6 15.2 22.8





#23
Nitrobenzene-d5
Concen: 84.208 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

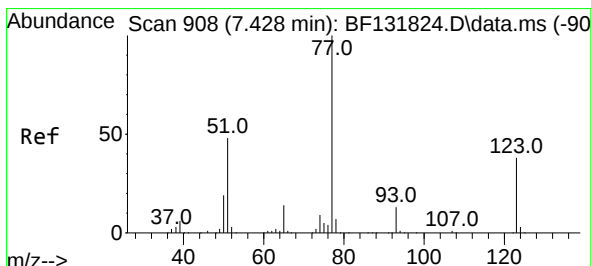
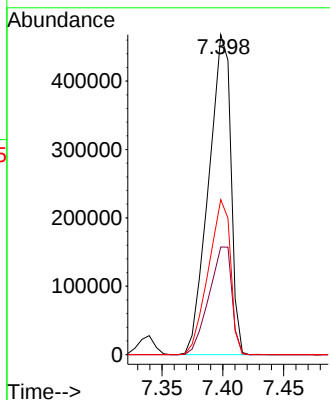
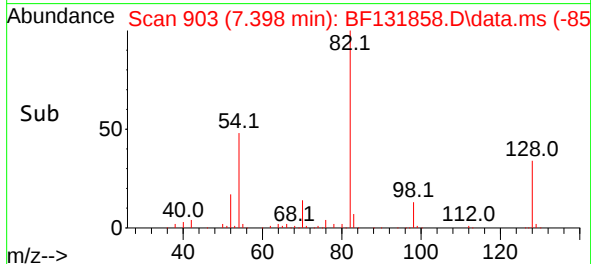
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



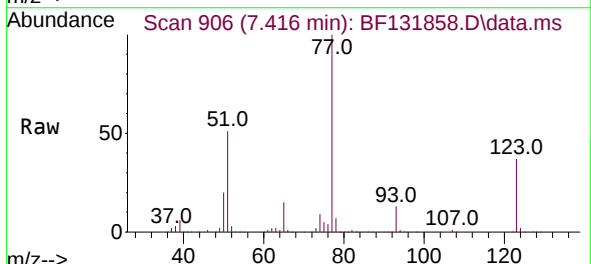
Tgt Ion: 82 Resp: 593972
Ion Ratio Lower Upper
82 100
128 33.7 27.1 40.7
54 48.4 37.0 55.6

Manual Integrations
APPROVED

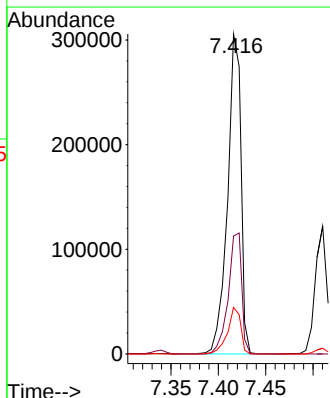
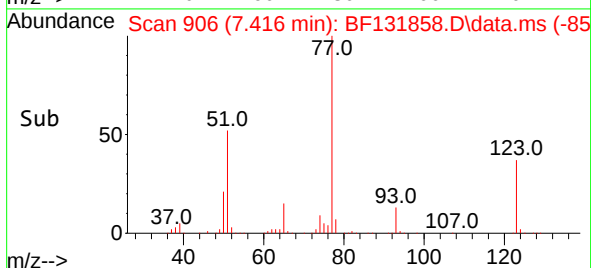
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

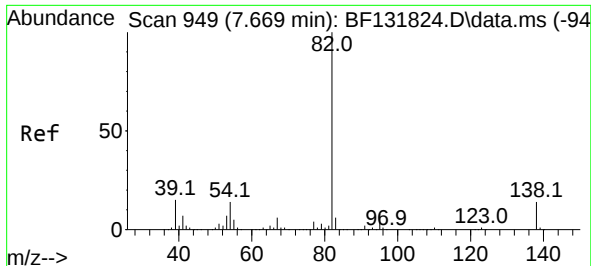


#24
Nitrobenzene
Concen: 42.775 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion: 77 Resp: 302380
Ion Ratio Lower Upper
77 100
123 36.8 30.4 45.6
65 14.5 11.1 16.7





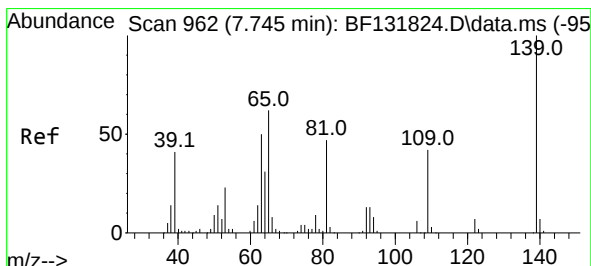
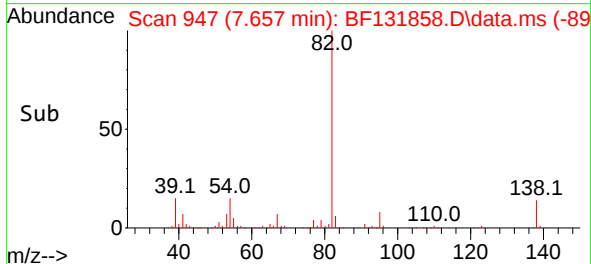
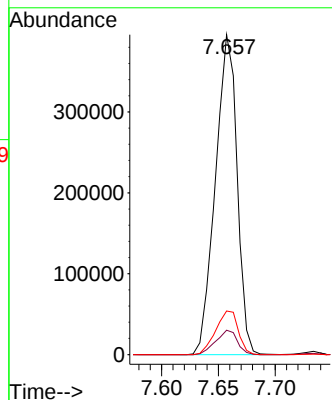
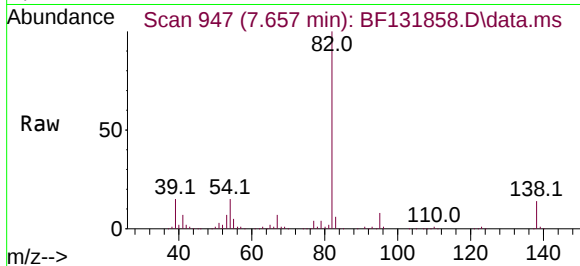
#25
Isophorone
Concen: 45.608 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :
BNA_F
ClientSampleId :
PB149912BSD

Tgt Ion: 82 Resp: 525370
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 13.6 11.5 17.3

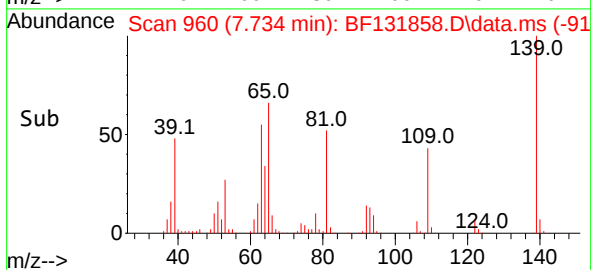
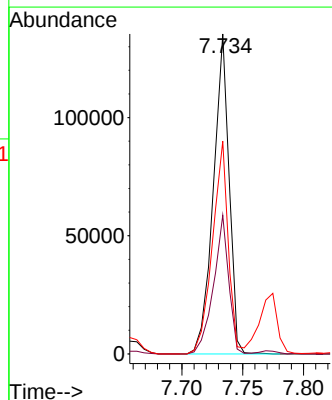
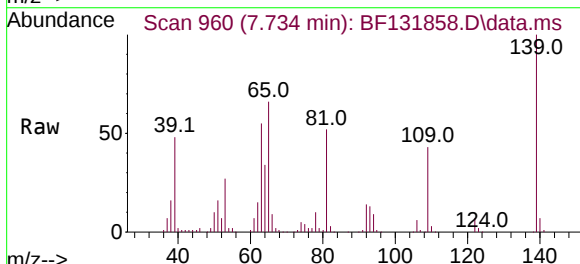
Manual Integrations
APPROVED

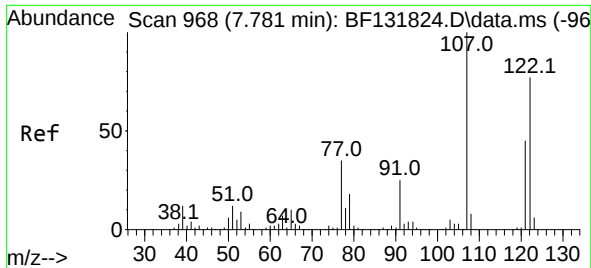
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#26
2-Nitrophenol
Concen: 44.243 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:139 Resp: 121600
Ion Ratio Lower Upper
139 100
109 43.3 33.7 50.5
65 66.5 49.4 74.2





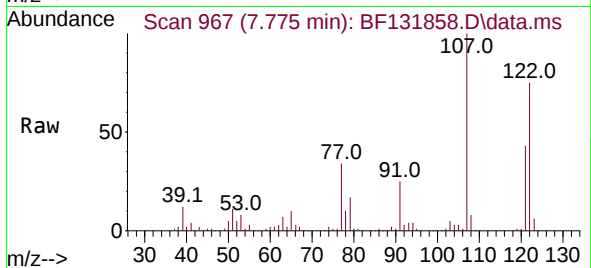
#27
2,4-Dimethylphenol
Concen: 51.297 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

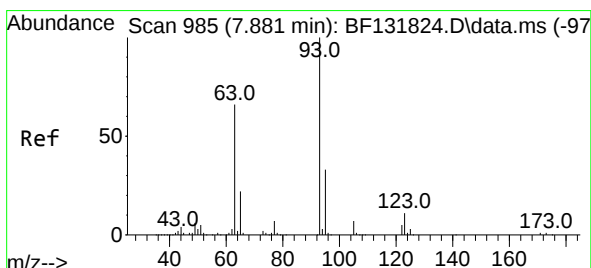
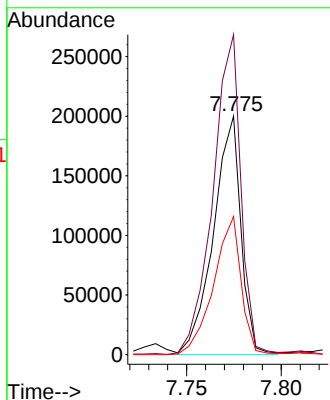
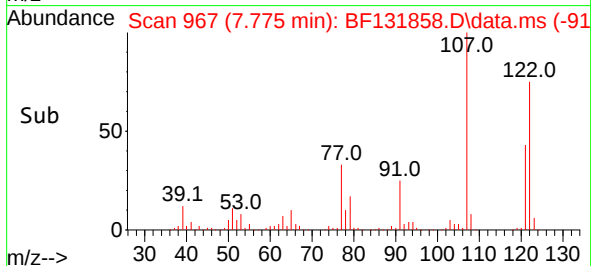


Tgt Ion:122 Resp: 201110
Ion Ratio Lower Upper
122 100
107 134.2 104.4 156.6
121 57.9 46.8 70.2

Manual Integrations

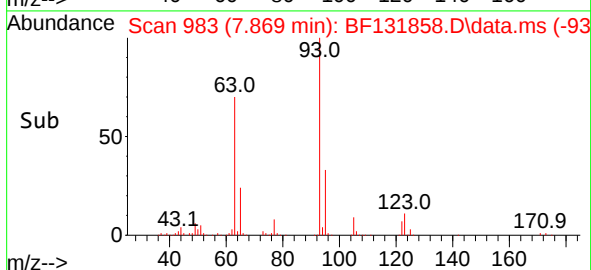
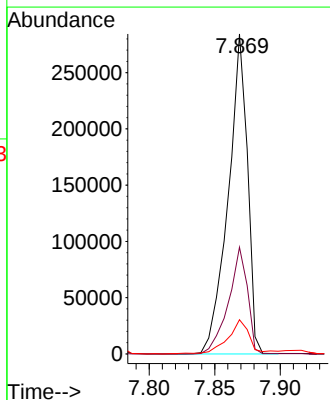
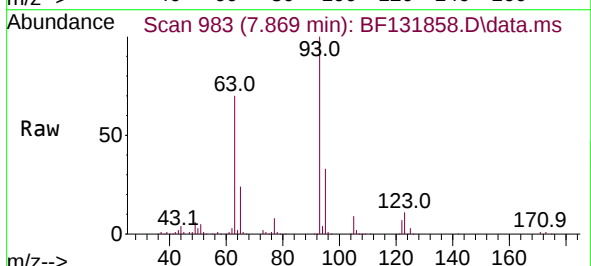
APPROVED

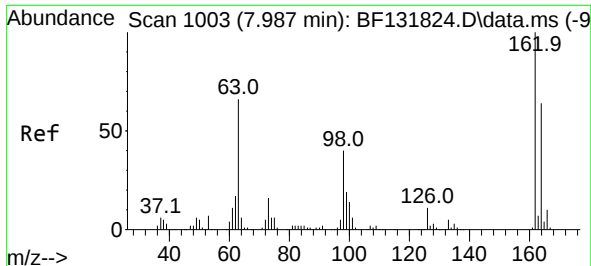
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.077 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 93 Resp: 290925
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 10.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 42.942 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF131858.D

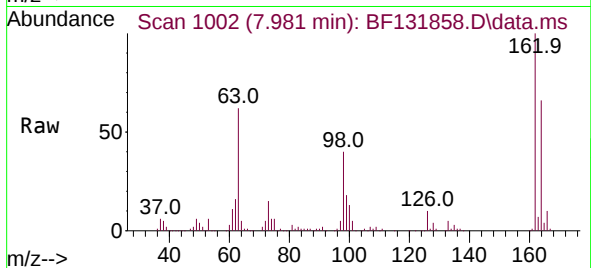
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD



Tgt Ion:162 Resp: 202833

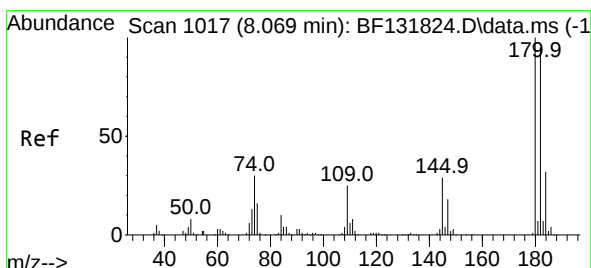
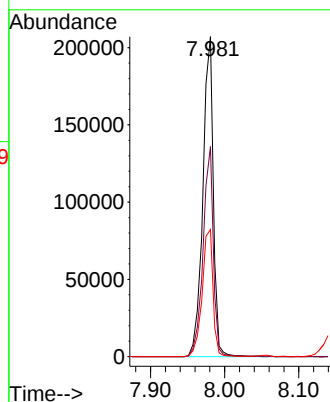
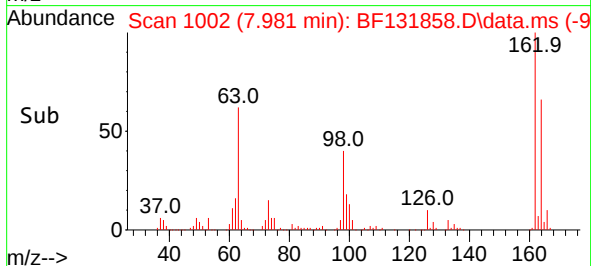
Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.1	84.1
98	39.7	19.9	59.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.994 ng

RT: 8.057 min Scan# 1015

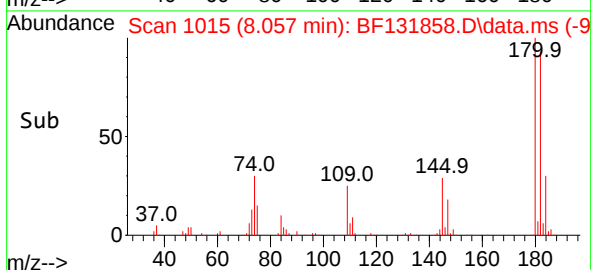
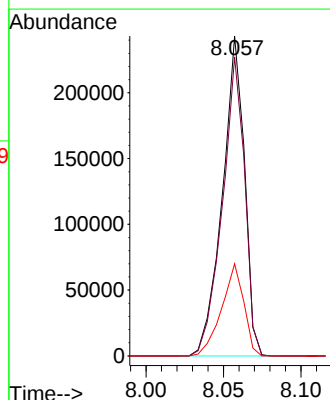
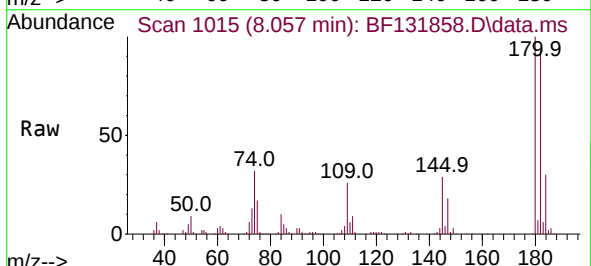
Delta R.T. -0.012 min

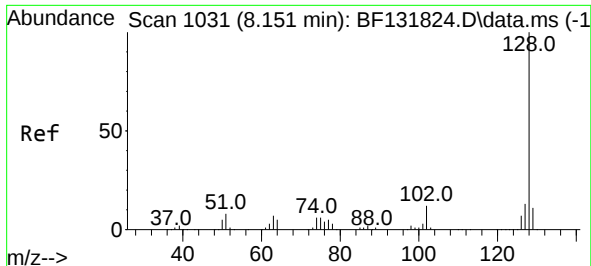
Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Tgt Ion:180 Resp: 240776

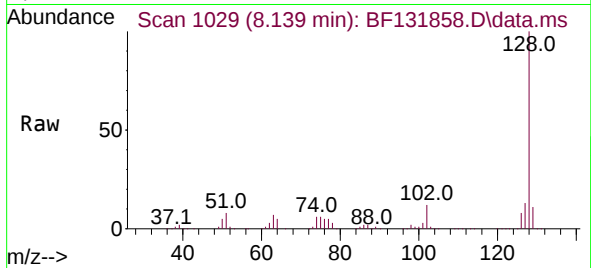
Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.2	114.4
145	28.8	23.3	34.9





#31
Naphthalene
Concen: 41.984 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

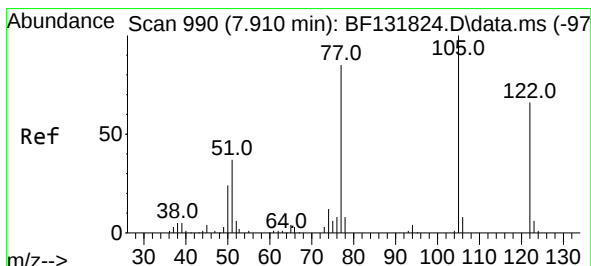
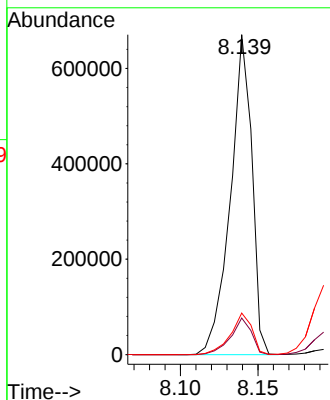
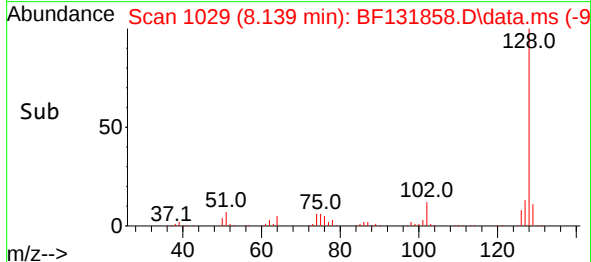
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



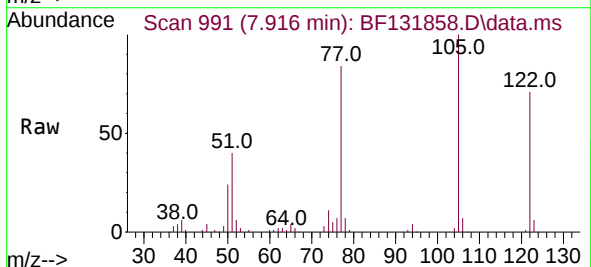
Tgt Ion:128 Resp: 647536
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.0 10.6 15.8

Manual Integrations
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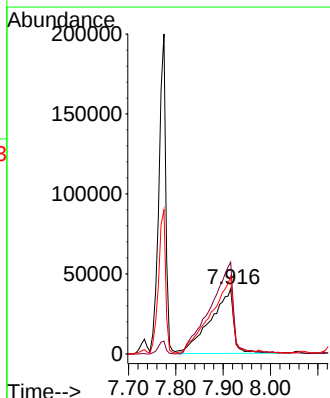
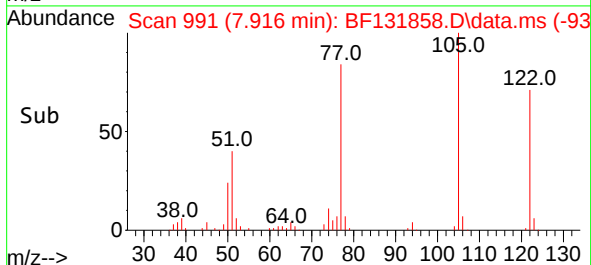
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

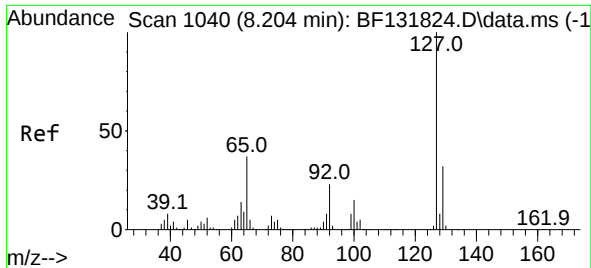


#32
Benzoic acid
Concen: 48.189 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:122 Resp: 138086
Ion Ratio Lower Upper
122 100
105 141.4 127.9 167.9
77 119.4 106.9 146.9





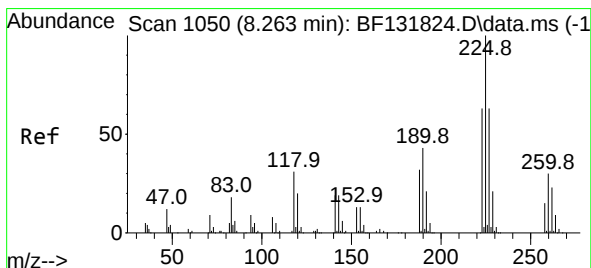
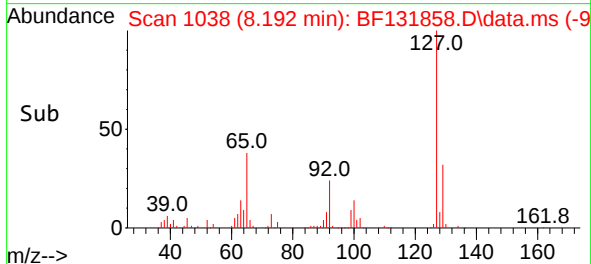
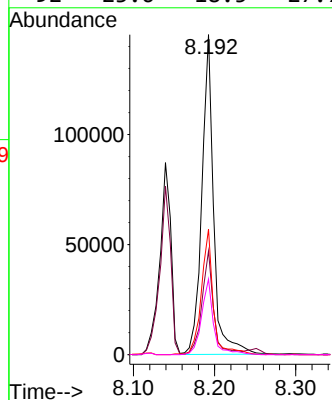
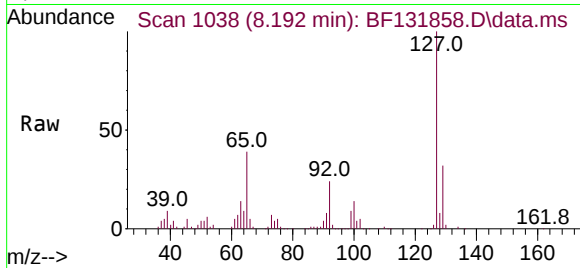
#33
4-Chloroaniline
Concen: 24.751 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :
BNA_F
ClientSampleId :
PB149912BSD

Tgt Ion:	127	Resp:	146472
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.8	38.8
65	39.2	29.7	44.5
92	23.6	18.5	27.7

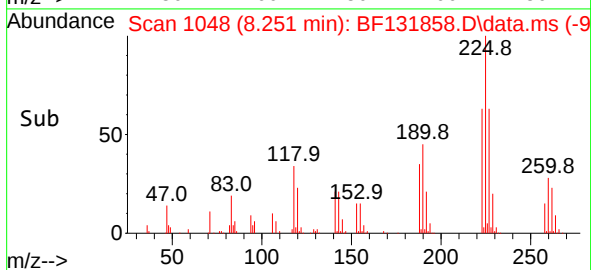
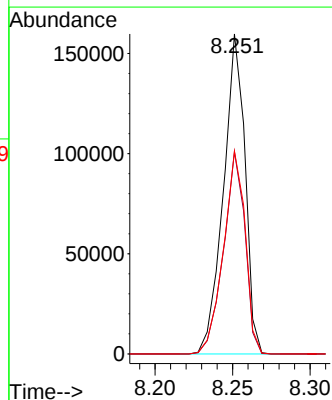
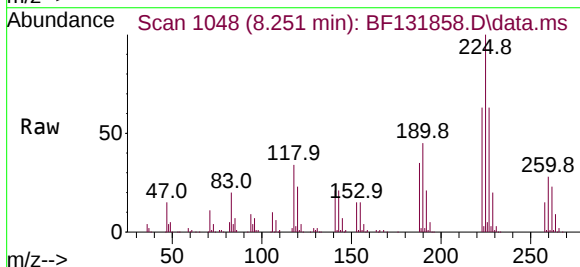
Manual Integrations
APPROVED

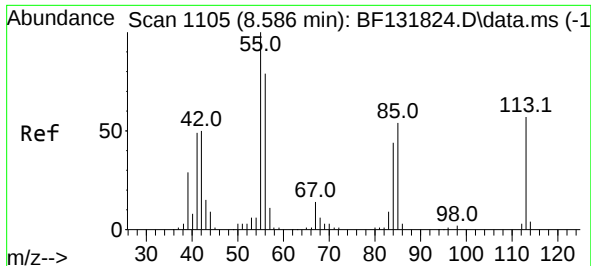
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#34
Hexachlorobutadiene
Concen: 40.363 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

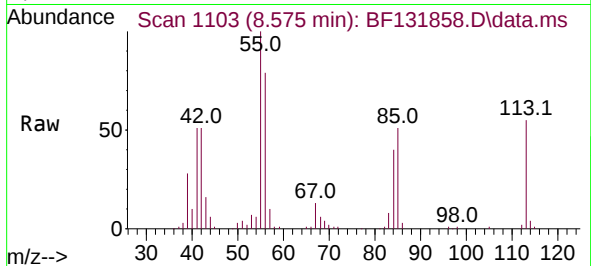
Tgt Ion:	225	Resp:	154649
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.0	75.0
227	63.4	50.8	76.2





#35
Caprolactam
Concen: 40.464 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

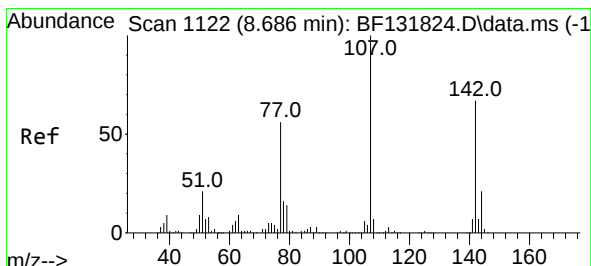
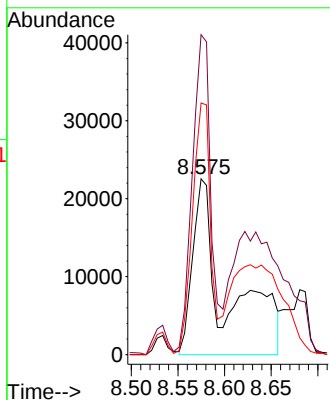
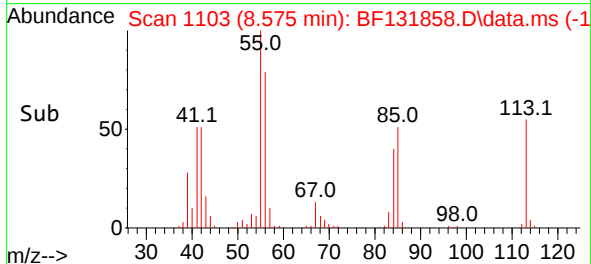
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion:113 Resp: 56588
Ion Ratio Lower Upper
113 100
55 182.1 153.3 193.3
56 143.1 116.3 156.3

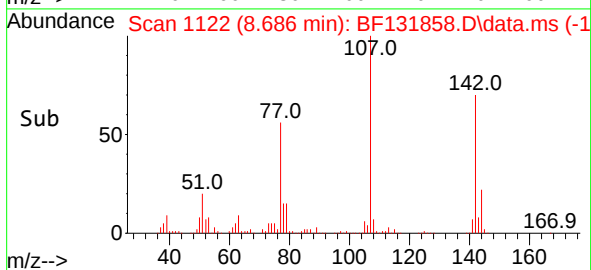
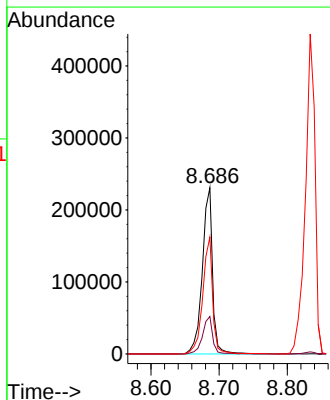
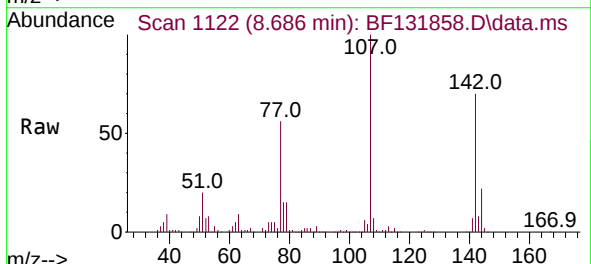
Manual Integrations
APPROVED

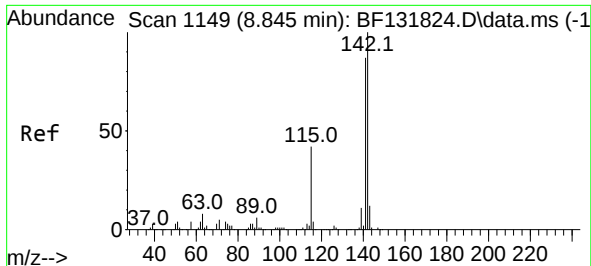
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#36
4-Chloro-3-methylphenol
Concen: 45.180 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:107 Resp: 241184
Ion Ratio Lower Upper
107 100
144 22.5 16.8 25.2
142 70.3 53.8 80.8





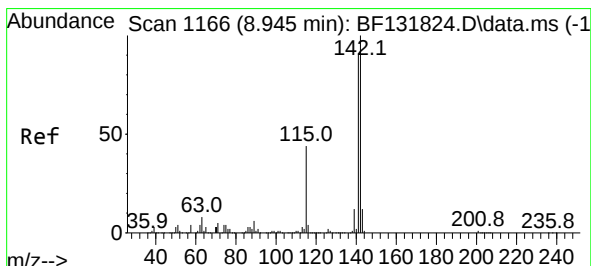
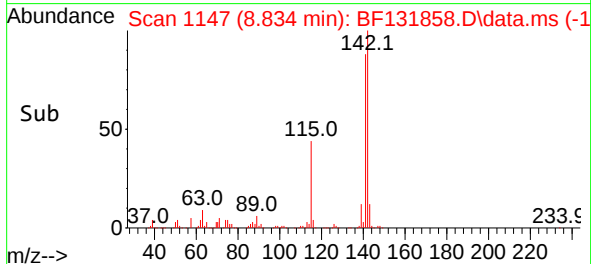
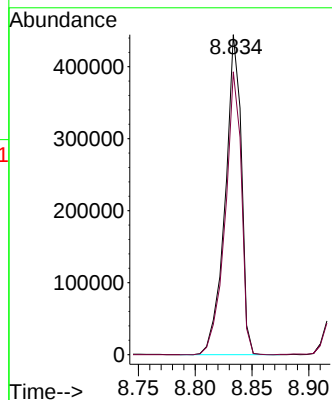
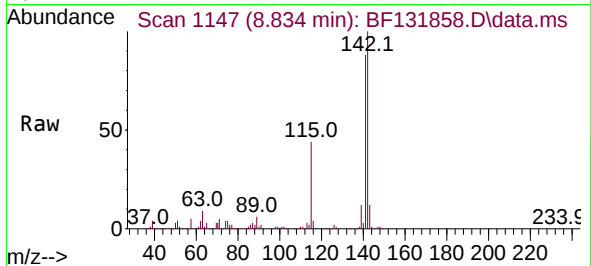
#37
2-Methylnaphthalene
Concen: 42.352 ng
RT: 8.834 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :
BNA_F
ClientSampleId :
PB149912BSD

Tgt Ion:142 Resp: 438394
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.8

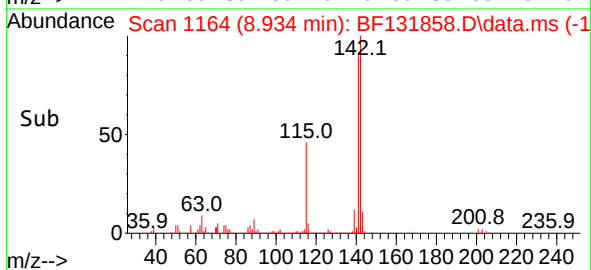
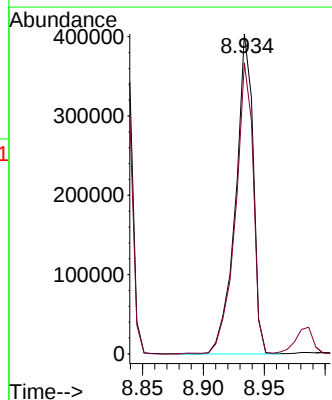
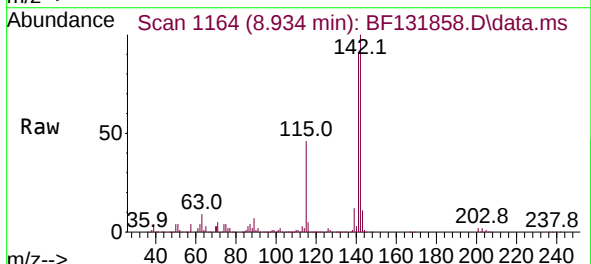
Manual Integrations
APPROVED

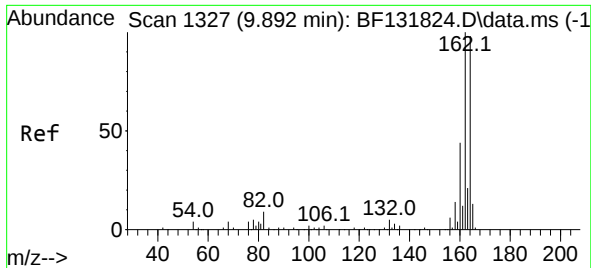
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#38
1-Methylnaphthalene
Concen: 40.482 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

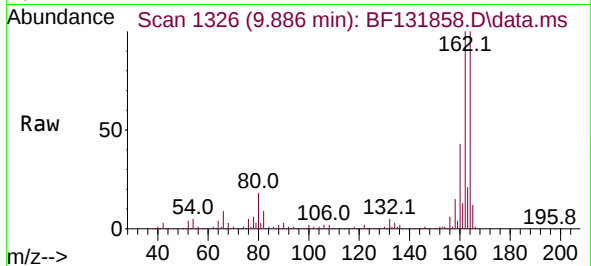
Tgt Ion:142 Resp: 407028
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

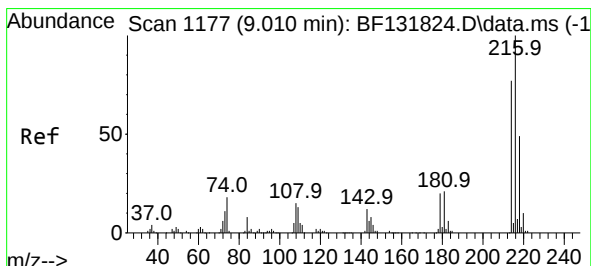
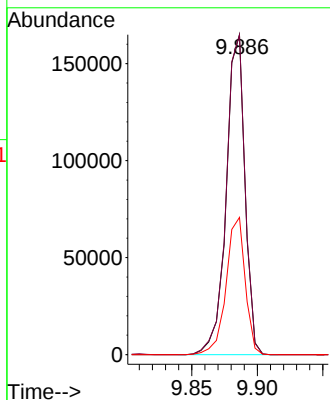
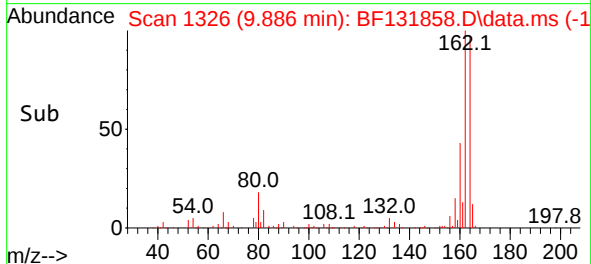
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



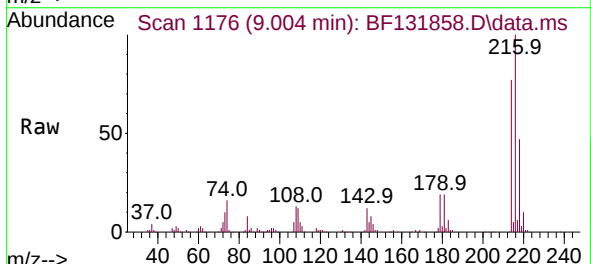
Tgt Ion:164 Resp: 163585
Ion Ratio Lower Upper
164 100
162 99.9 81.8 122.6
160 42.9 35.7 53.5

Manual Integrations
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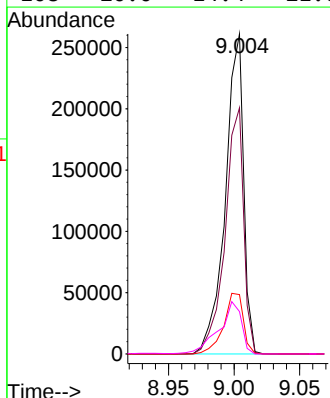
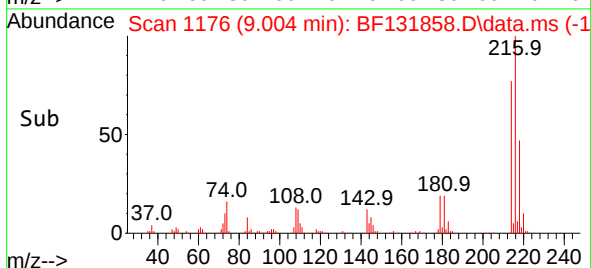
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

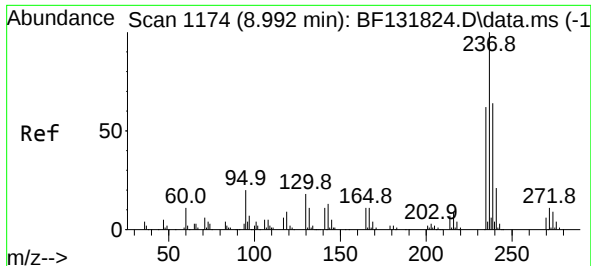


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.144 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



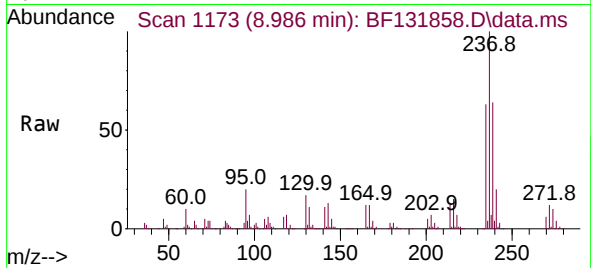
Tgt Ion:216 Resp: 253558
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.4
179 20.3 16.4 24.6
108 20.0 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 109.350 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

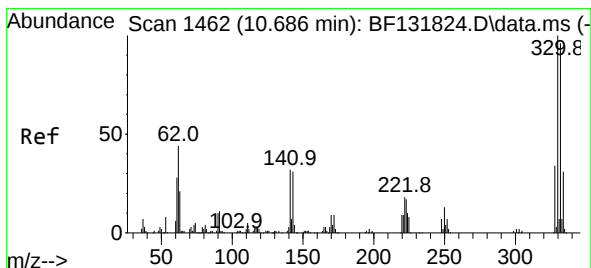
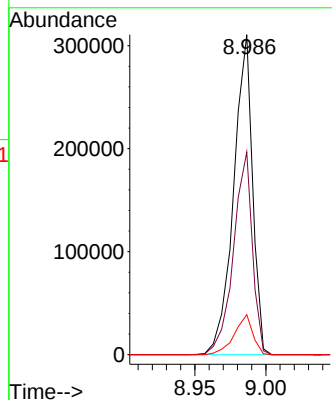
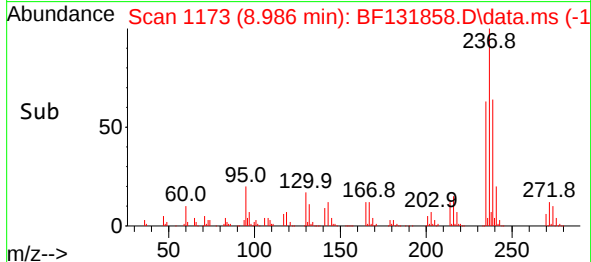
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



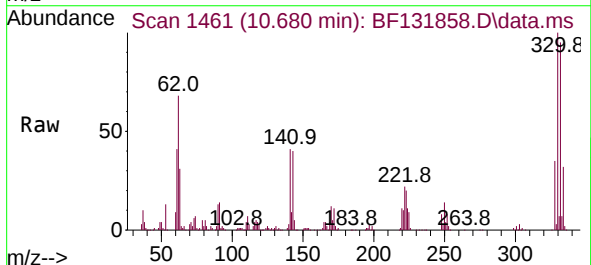
Tgt Ion: 237 Resp: 287125
Ion Ratio Lower Upper
237 100
235 63.3 42.3 82.3
272 12.5 0.0 31.4

Manual Integrations
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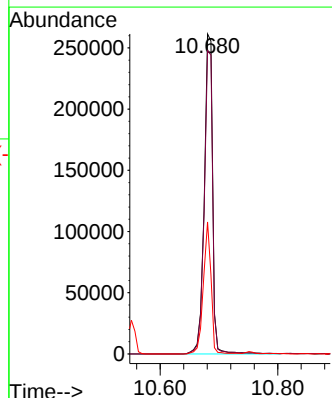
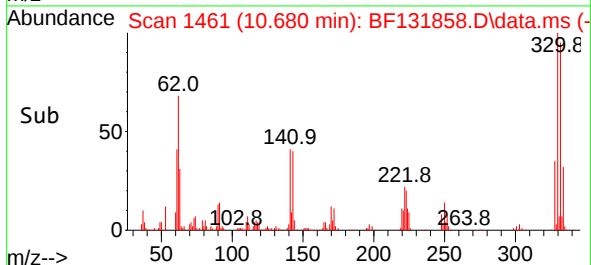
Reviewed By : Christian Giraldo 12/29/2022
Supervised By : Jagrut Upadhyay 01/03/2023

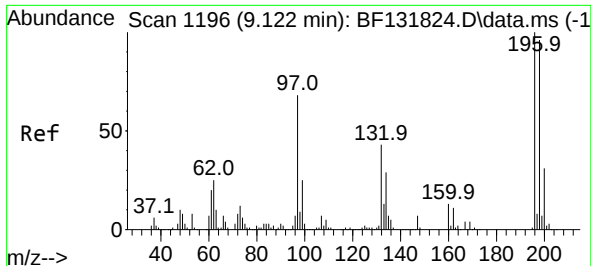


#42
2,4,6-Tribromophenol
Concen: 145.615 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion: 330 Resp: 258809
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 37.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.660 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

Tgt Ion:196 Resp: 156935

Ion Ratio Lower Upper

196 100

198 96.1 76.5 114.7

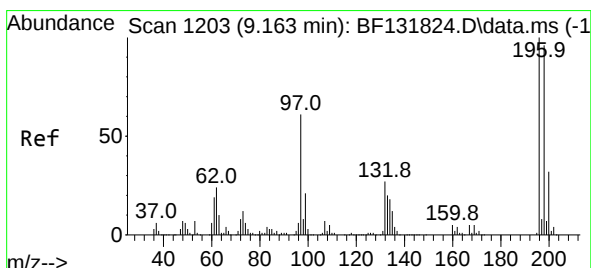
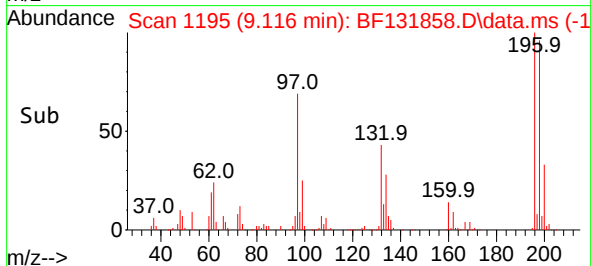
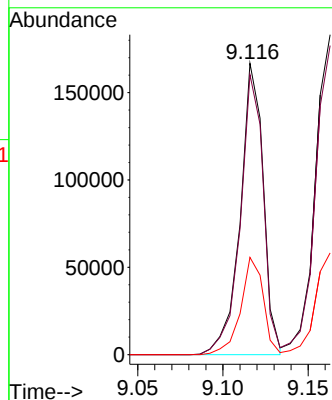
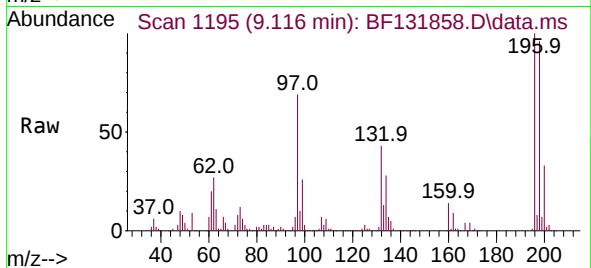
200 33.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#44

2,4,5-Trichlorophenol

Concen: 42.342 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Tgt Ion:196 Resp: 168380

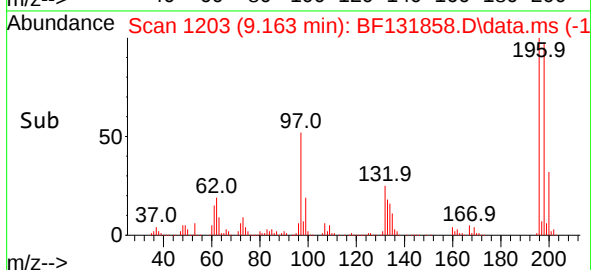
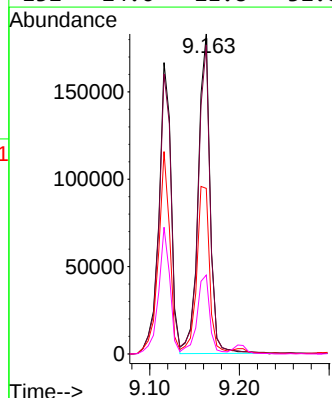
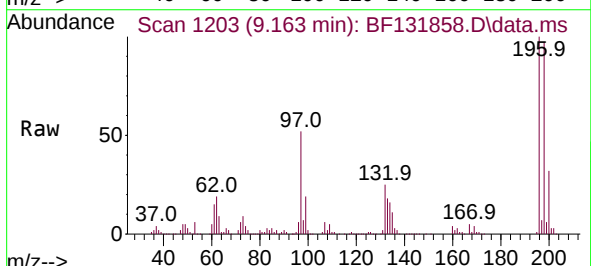
Ion Ratio Lower Upper

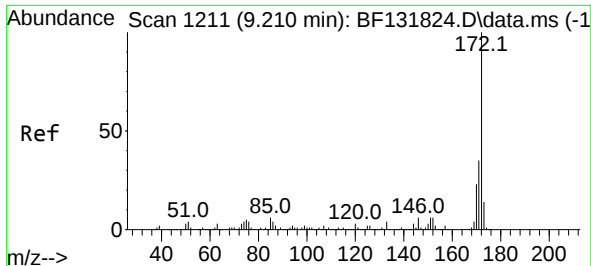
196 100

198 96.6 76.6 115.0

97 51.7 49.3 73.9

132 24.6 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 85.617 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

Tgt Ion:172 Resp: 1022516

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

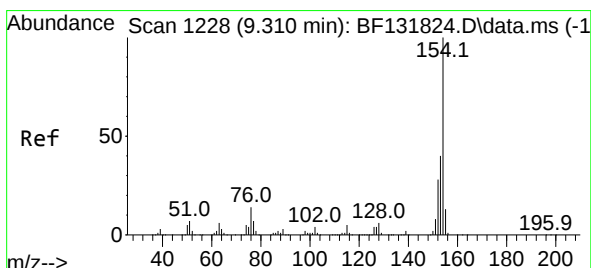
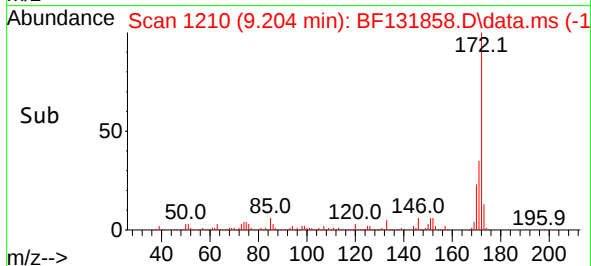
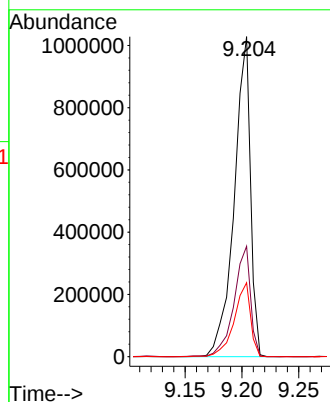
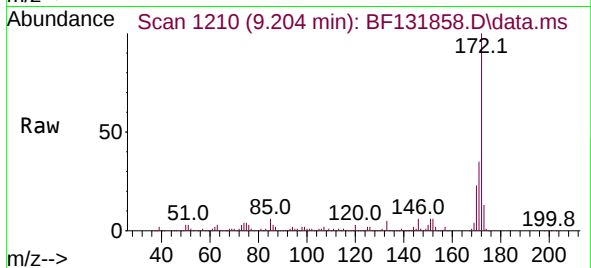
170 23.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#46

1,1'-Biphenyl

Concen: 44.058 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

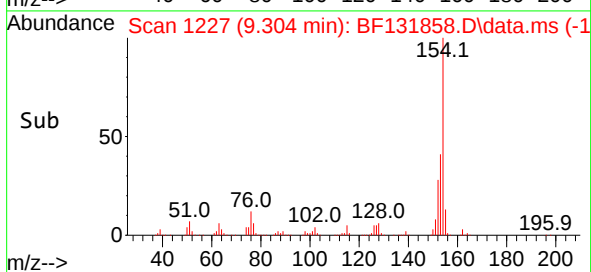
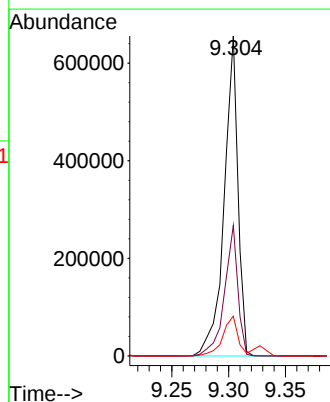
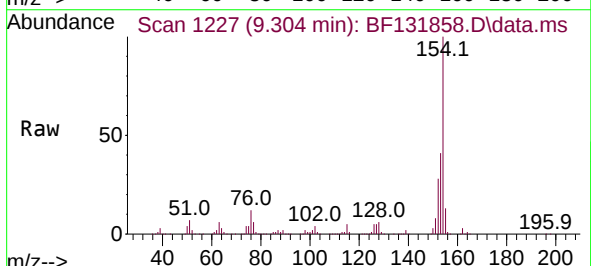
Tgt Ion:154 Resp: 551781

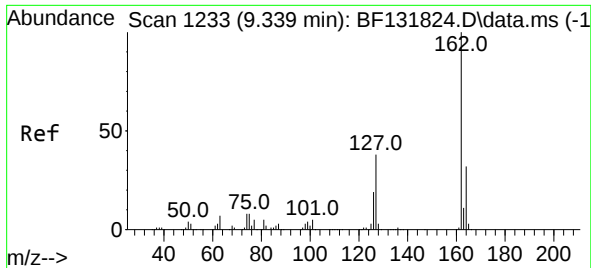
Ion Ratio Lower Upper

154 100

153 40.8 19.8 59.8

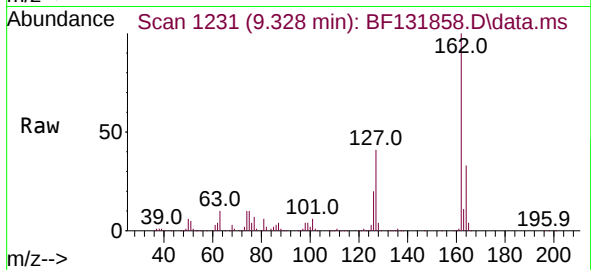
76 12.4 0.0 33.9





#47
2-Chloronaphthalene
Concen: 42.973 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.012 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

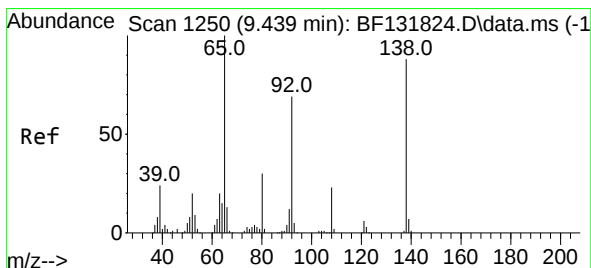
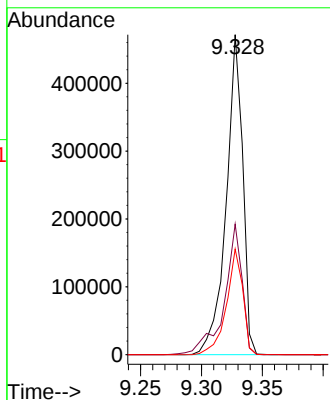
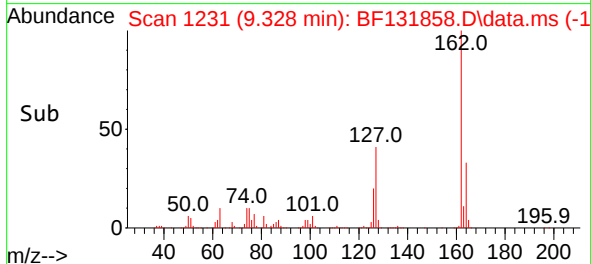
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion:162 Resp: 445259
Ion Ratio Lower Upper
162 100
127 40.8 31.0 46.6
164 33.0 25.9 38.9

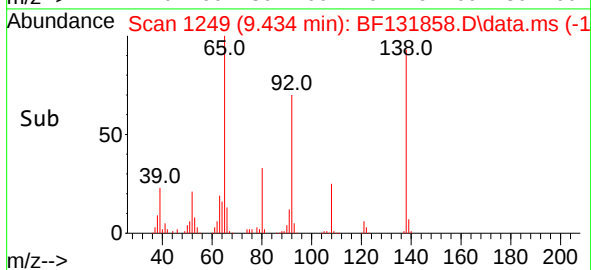
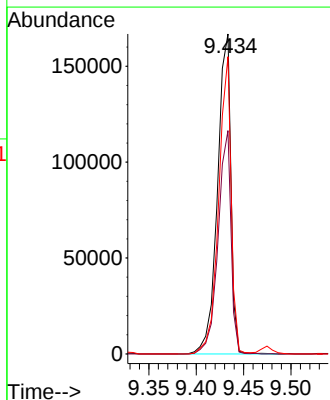
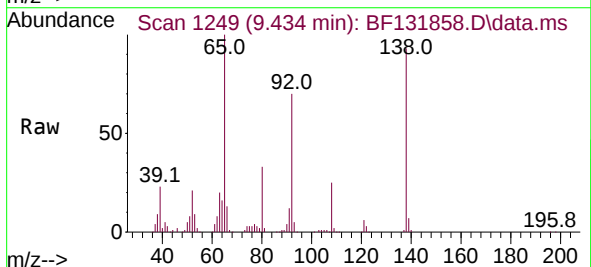
Manual Integrations
APPROVED

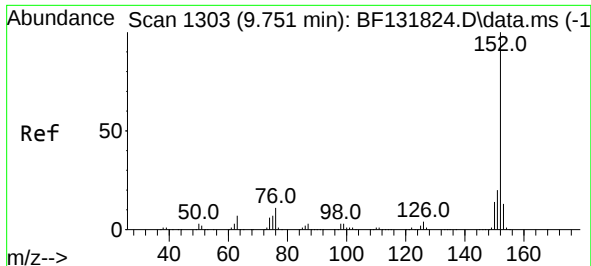
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#48
2-Nitroaniline
Concen: 43.010 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion: 65 Resp: 163343
Ion Ratio Lower Upper
65 100
92 69.8 55.0 82.6
138 92.9 70.4 105.6





#49
Acenaphthylene
Concen: 43.638 ng
RT: 9.745 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

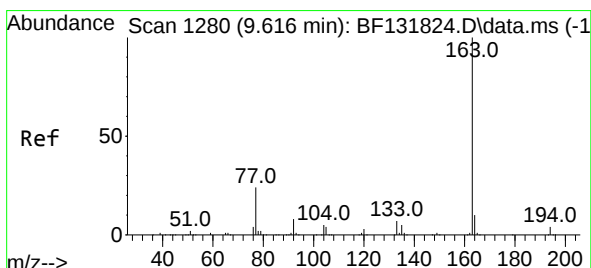
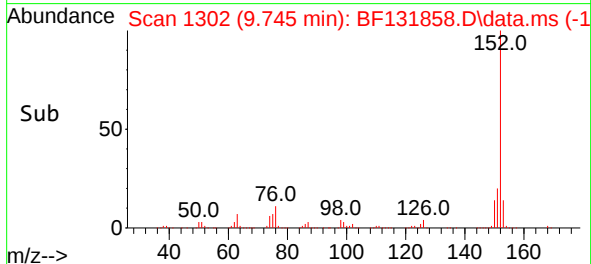
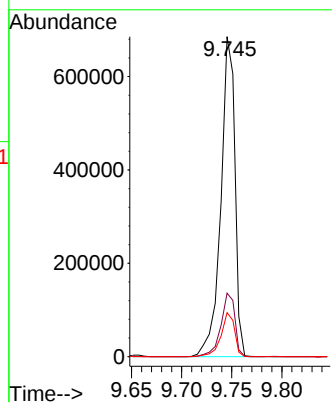
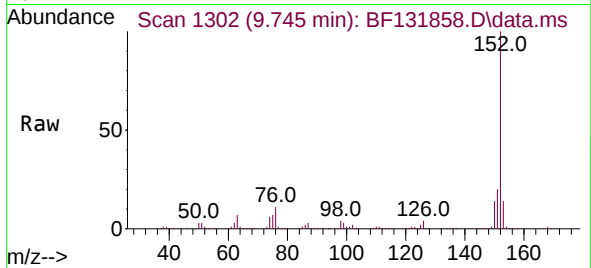
PB149912BSD

Tgt Ion:152 Resp: 673259
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.7 10.2 15.4

Manual Integrations

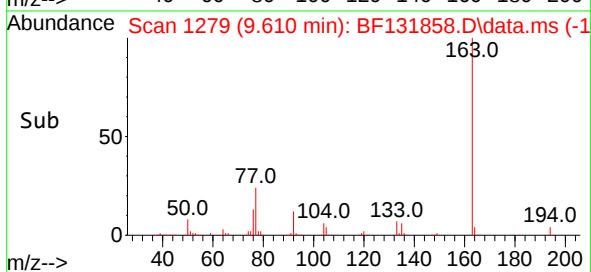
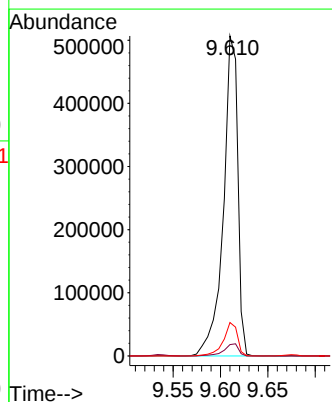
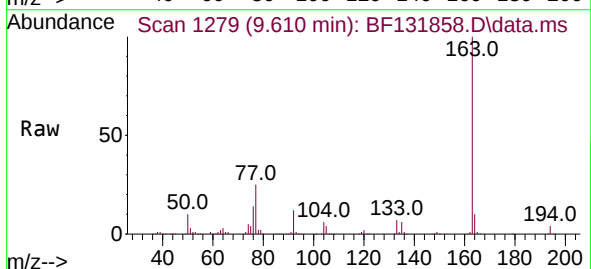
APPROVED

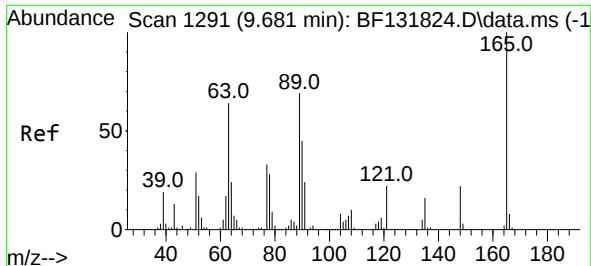
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#50
Dimethylphthalate
Concen: 43.162 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:163 Resp: 534168
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 43.841 ng

RT: 9.675 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

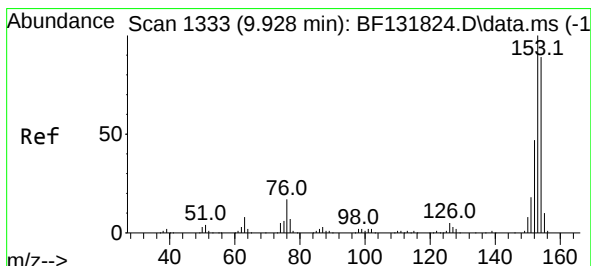
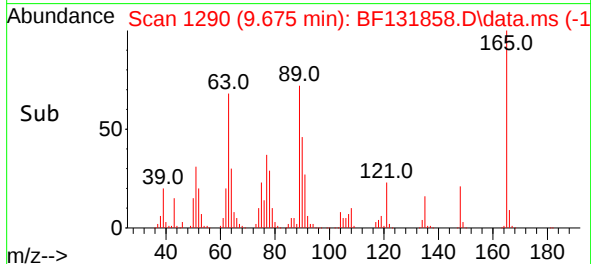
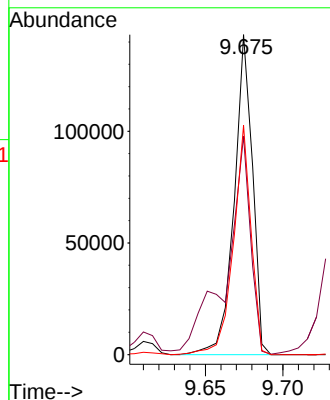
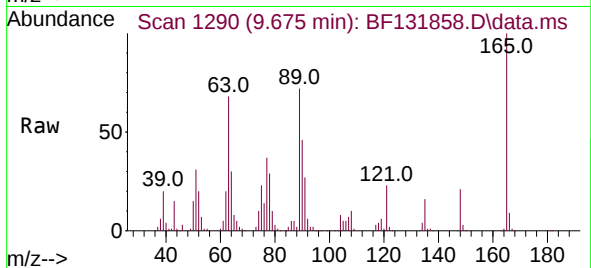
PB149912BSD

Tgt Ion:165 Resp: 117451
 Ion Ratio Lower Upper
 165 100
 63 68.3 55.1 82.7
 89 71.6 55.0 82.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023



#52

Acenaphthene

Concen: 42.660 ng

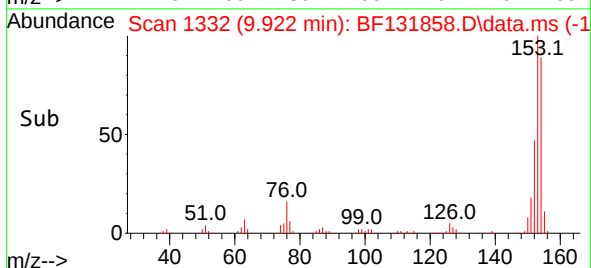
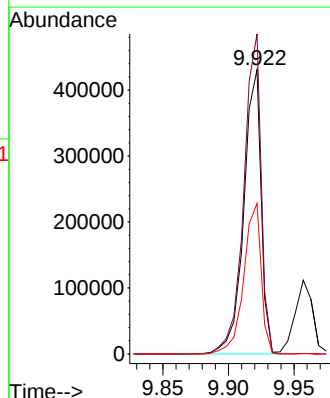
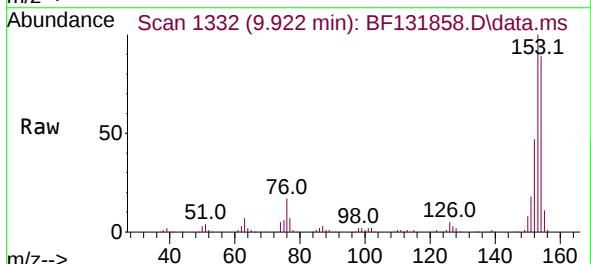
RT: 9.922 min Scan# 1332

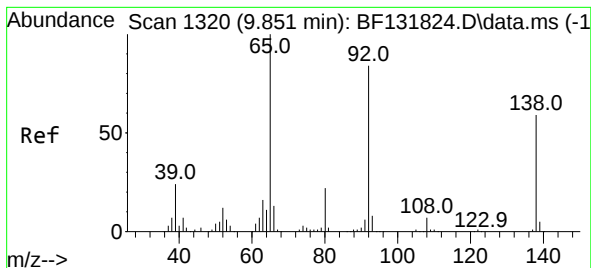
Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Tgt Ion:154 Resp: 397228
 Ion Ratio Lower Upper
 154 100
 153 112.6 90.2 135.2
 152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 28.553 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

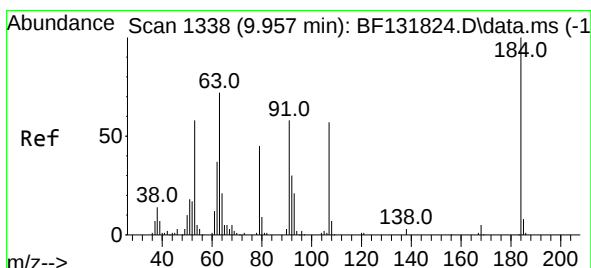
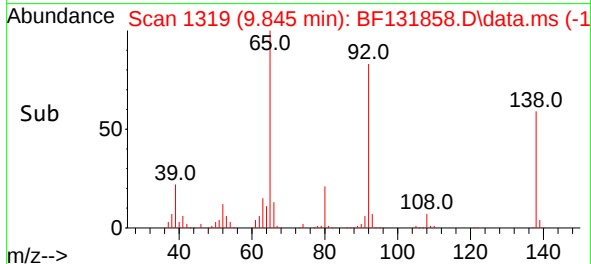
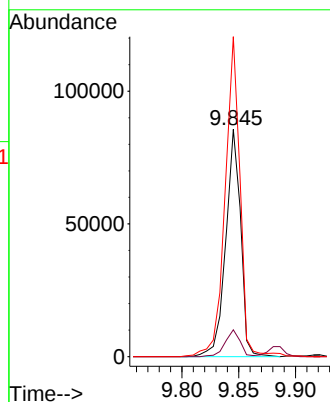
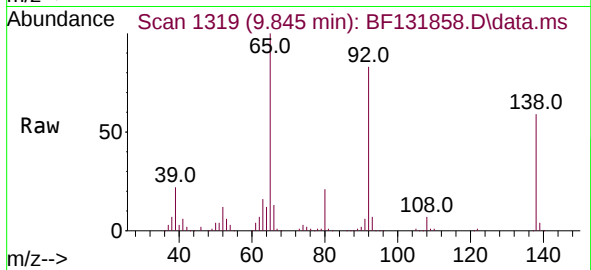
PB149912BSD

Tgt Ion:138 Resp: 77944
Ion Ratio Lower Upper
138 100
108 11.8 9.3 13.9
92 140.8 113.9 170.9

Manual Integrations

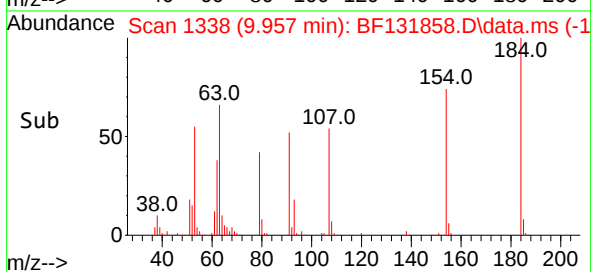
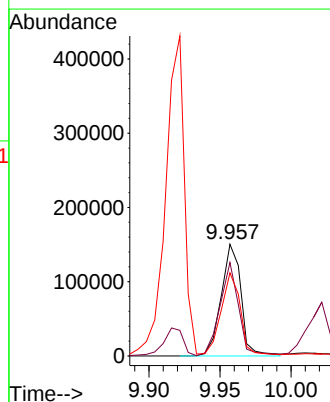
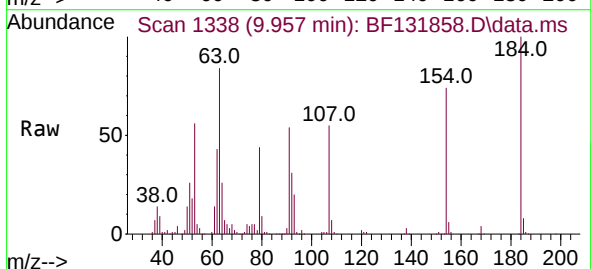
APPROVED

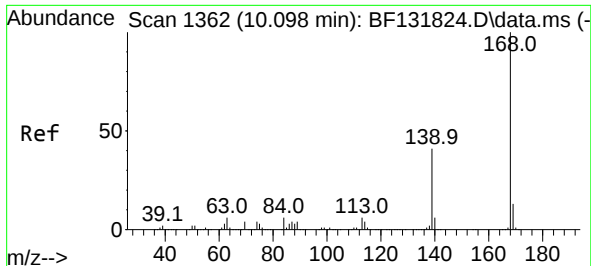
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#54
2,4-Dinitrophenol
Concen: 95.097 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

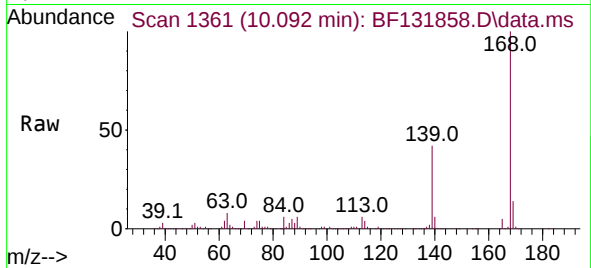
Tgt Ion:184 Resp: 146614
Ion Ratio Lower Upper
184 100
63 83.7 66.8 100.2
154 74.4 61.6 92.4





#55
Dibenzenofuran
Concen: 42.996 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

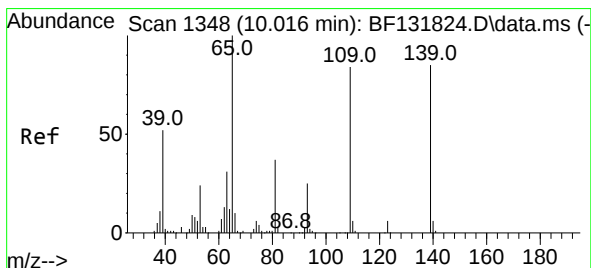
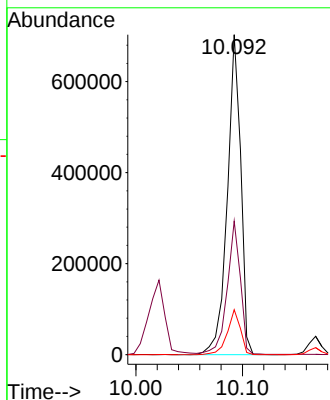
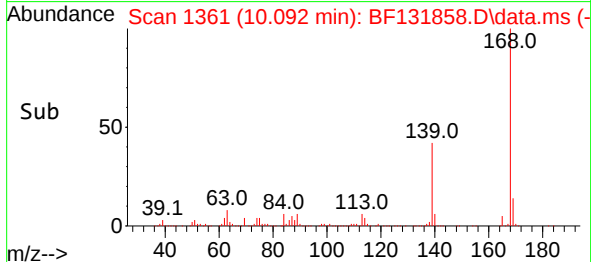
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion:168 Resp: 616822
Ion Ratio Lower Upper
168 100
139 41.7 32.6 49.0
169 14.0 10.5 15.7

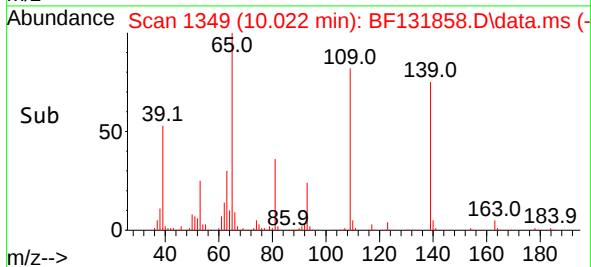
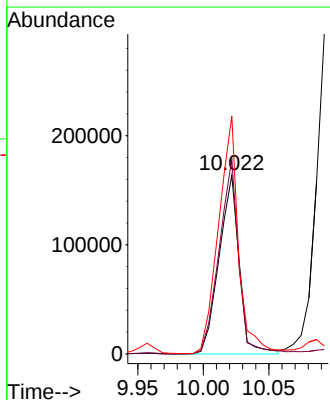
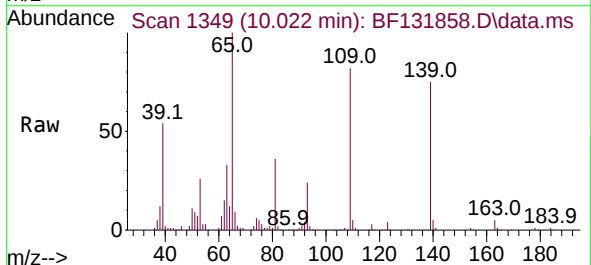
Manual Integrations
APPROVED

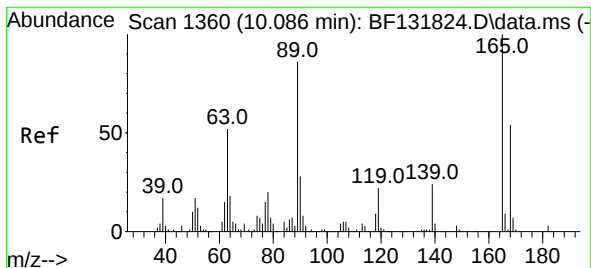
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#56
4-Nitrophenol
Concen: 91.303 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

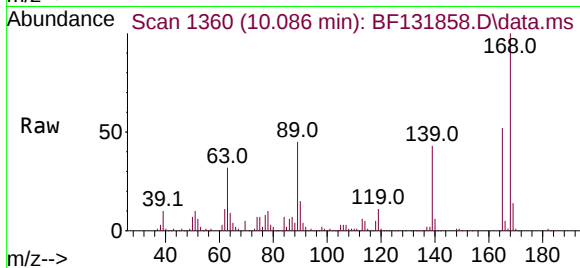
Tgt Ion:139 Resp: 174594
Ion Ratio Lower Upper
139 100
109 109.1 78.5 118.5
65 133.1 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 44.671 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

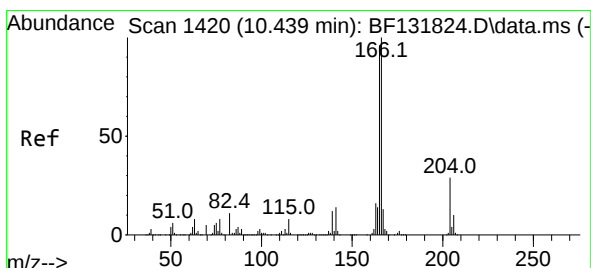
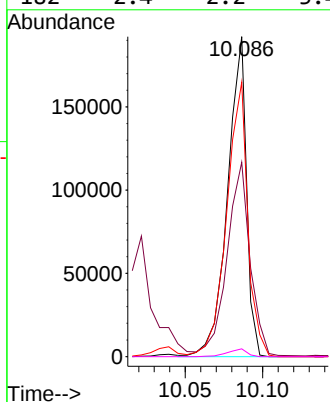
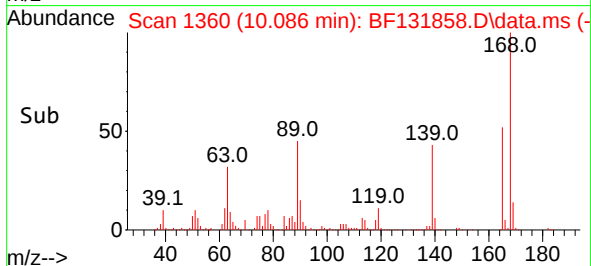
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion:165 Resp: 163666
Ion Ratio Lower Upper
165 100
63 60.7 42.1 63.1
89 85.7 69.1 103.7
182 2.4 2.2 3.4

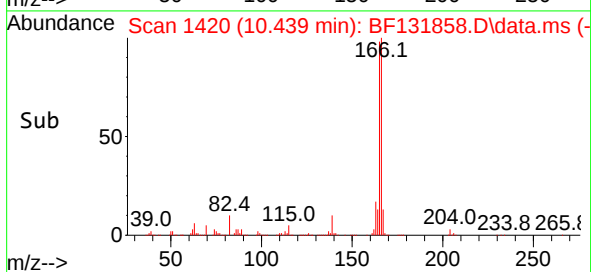
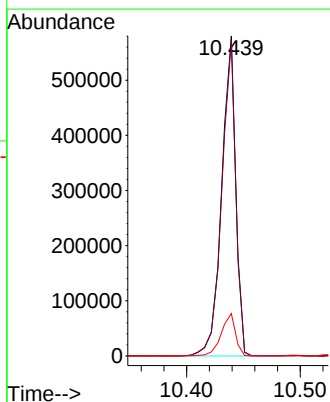
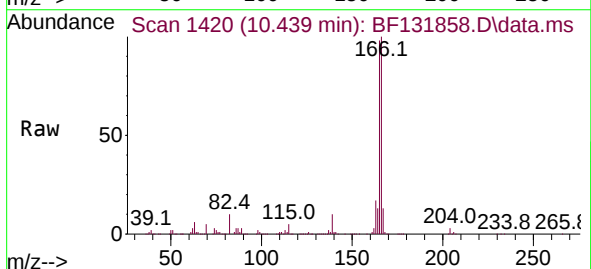
Manual Integrations
APPROVED

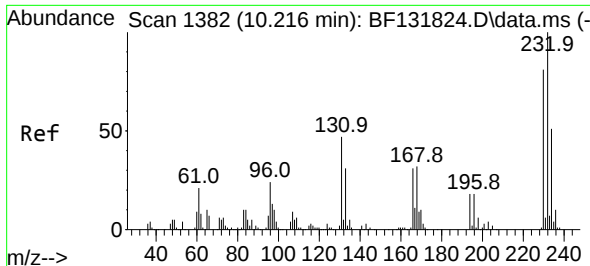
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#58
Fluorene
Concen: 42.600 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:166 Resp: 498923
Ion Ratio Lower Upper
166 100
165 98.4 77.0 115.4
167 13.2 10.4 15.6





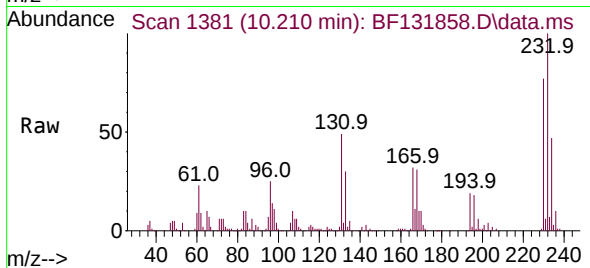
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.787 ng m
RT: 10.210 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

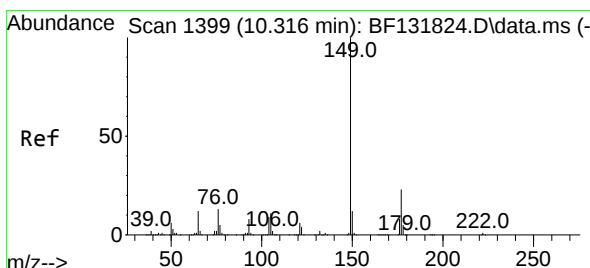
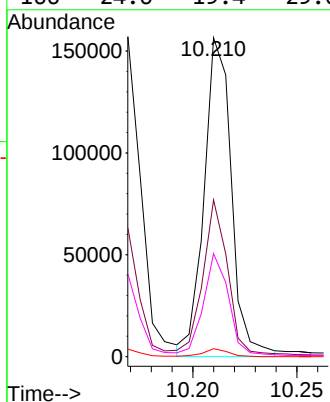
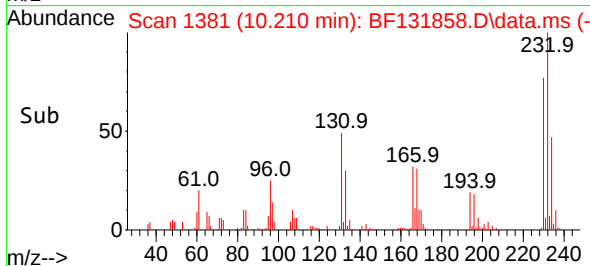


Tgt Ion:232 Resp: 142894
Ion Ratio Lower Upper
232 100
131 38.9 30.1 45.1
130 2.3 1.8 2.6
166 24.6 19.4 29.0

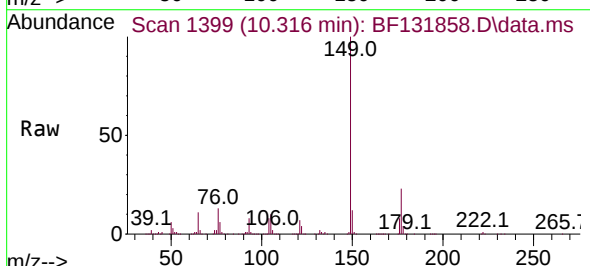
Manual Integrations

APPROVED

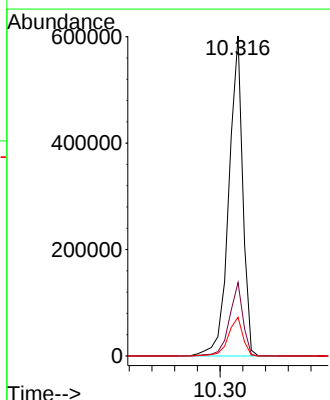
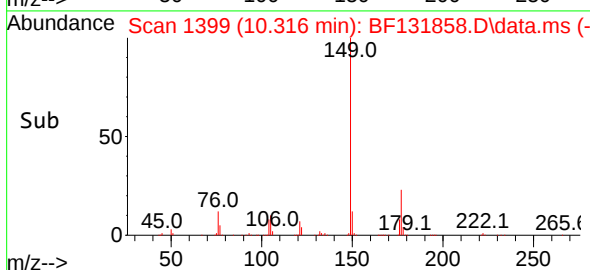
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

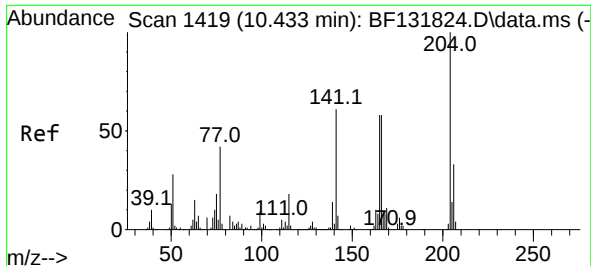


#60
Diethylphthalate
Concen: 42.786 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



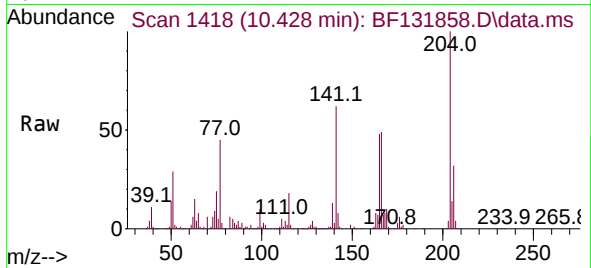
Tgt Ion:149 Resp: 509630
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.1 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.657 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

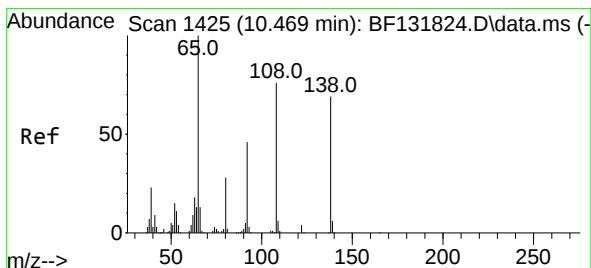
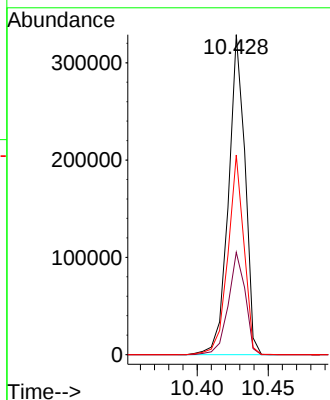
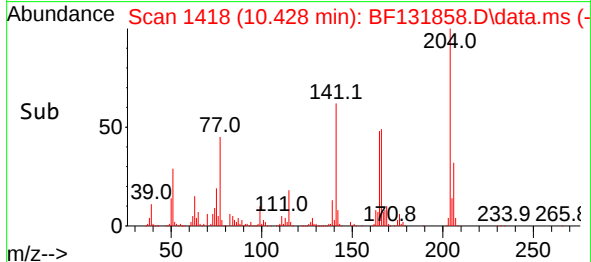
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



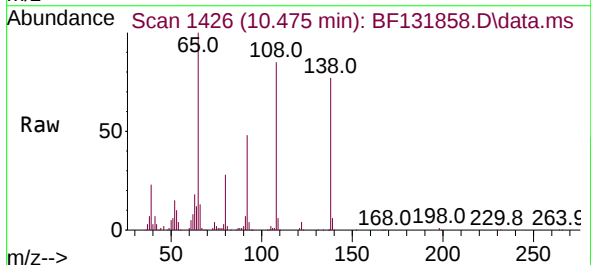
Tgt Ion:204 Resp: 26580
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 62.4 49.0 73.4

Manual Integrations
APPROVED

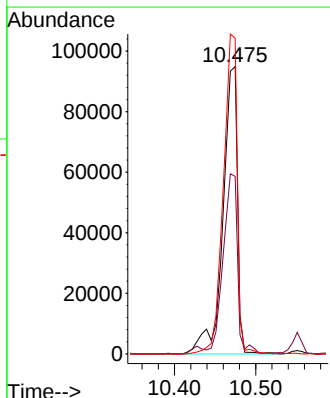
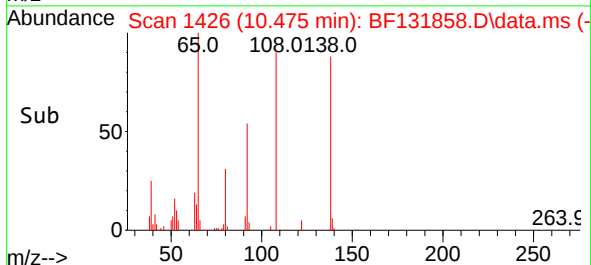
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

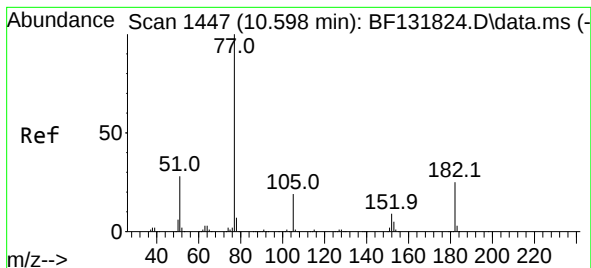


#62
4-Nitroaniline
Concen: 41.270 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:138 Resp: 117410
Ion Ratio Lower Upper
138 100
92 61.8 47.2 87.2
108 109.8 89.2 129.2





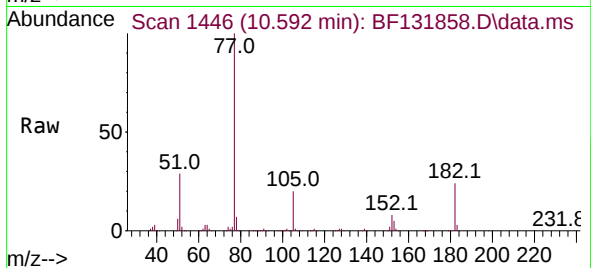
#63
Azobenzene
Concen: 42.427 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

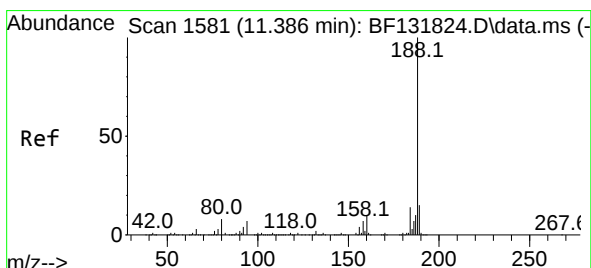
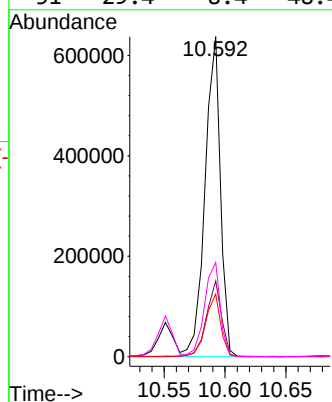
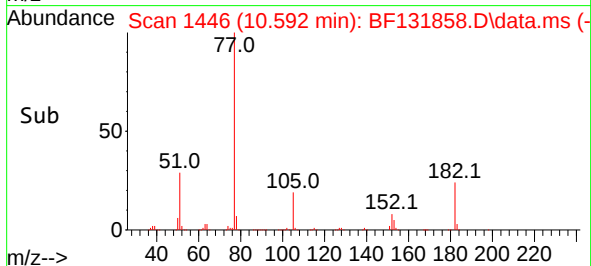


Tgt Ion: 77 Resp: 560855
Ion Ratio Lower Upper
77 100
182 23.6 5.0 45.0
105 19.5 0.0 39.4
51 29.4 8.4 48.4

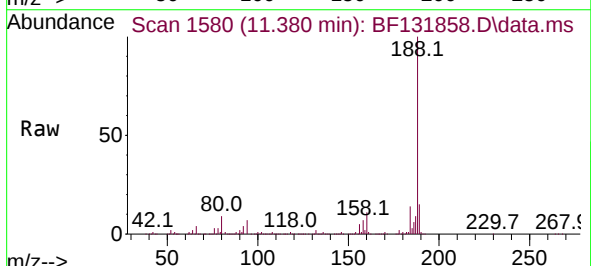
Manual Integrations

APPROVED

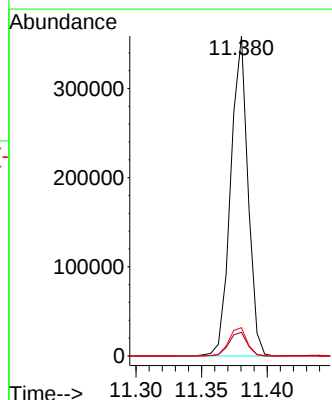
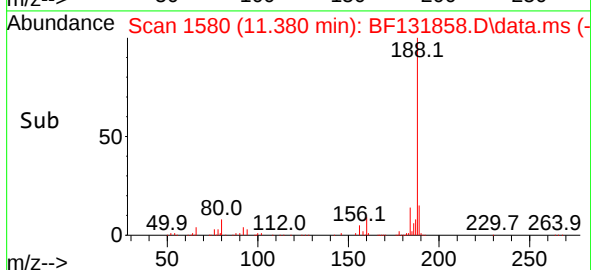
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

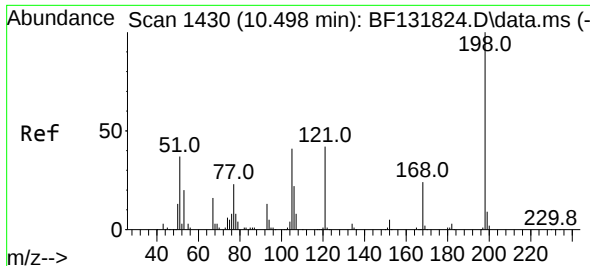


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:188 Resp: 328484
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.8 6.7 10.1





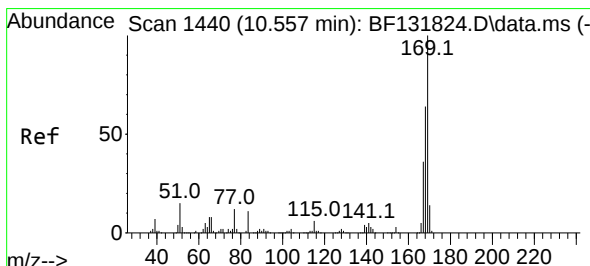
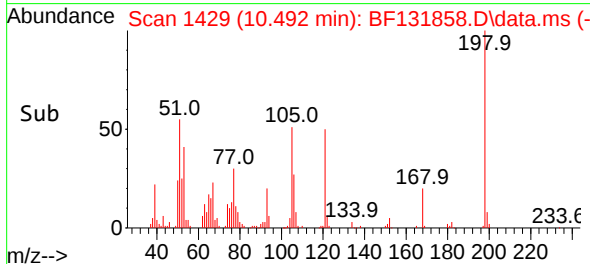
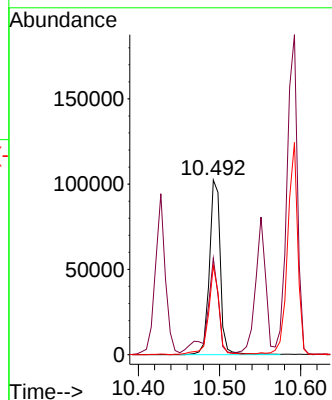
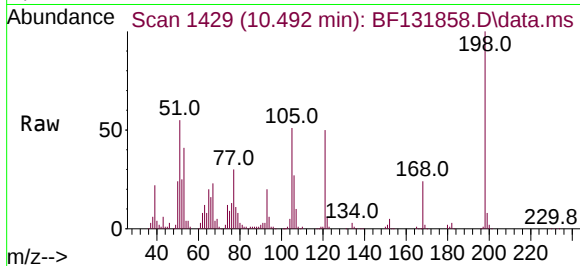
#65
4,6-Dinitro-2-methylphenol
Concen: 42.868 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :
BNA_F
ClientSampleId :
PB149912BSD

Tgt Ion:198 Resp: 95876
Ion Ratio Lower Upper
198 100
51 55.2 21.6 61.6
105 50.8 22.0 62.0

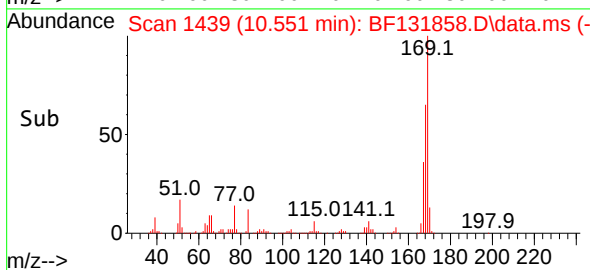
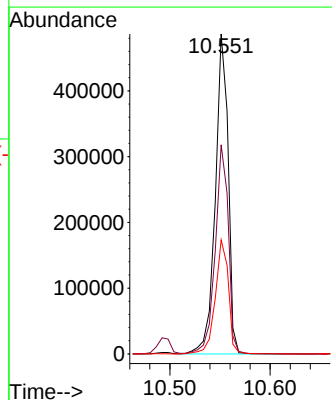
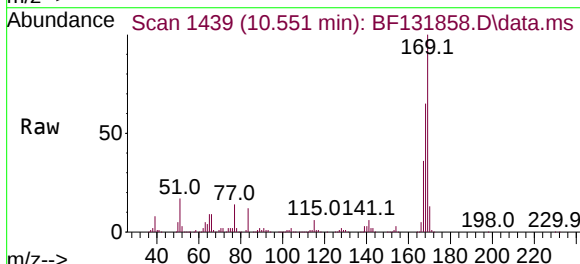
Manual Integrations
APPROVED

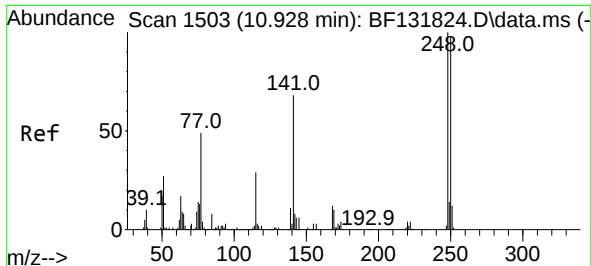
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#66
n-Nitrosodiphenylamine
Concen: 43.207 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

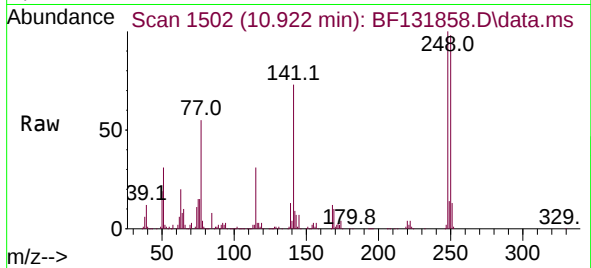
Tgt Ion:169 Resp: 432943
Ion Ratio Lower Upper
169 100
168 65.3 51.5 77.3
167 35.6 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 42.510 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

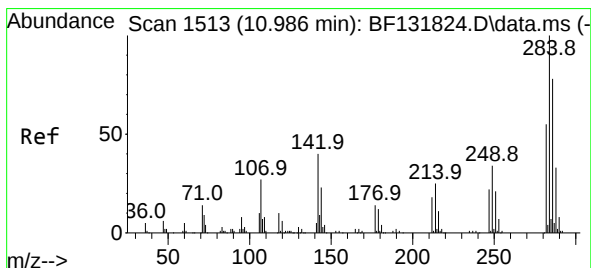
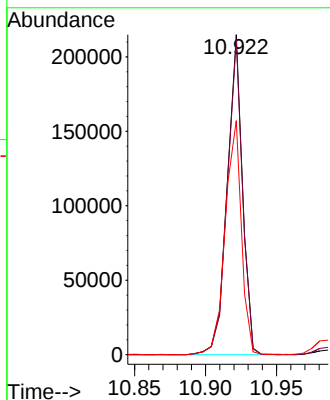
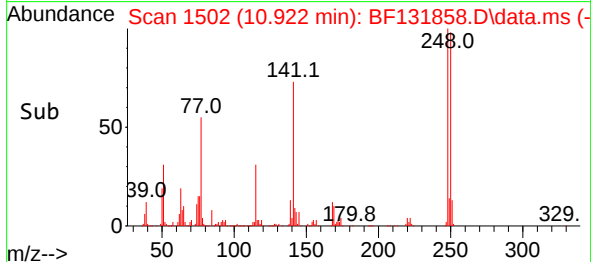
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



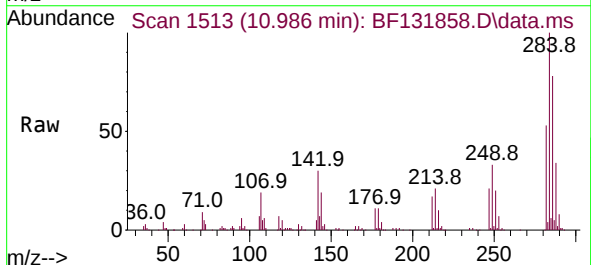
Tgt Ion:248 Resp: 161844
Ion Ratio Lower Upper
248 100
250 98.5 78.0 117.0
141 73.1 54.8 82.2

Manual Integrations
APPROVED

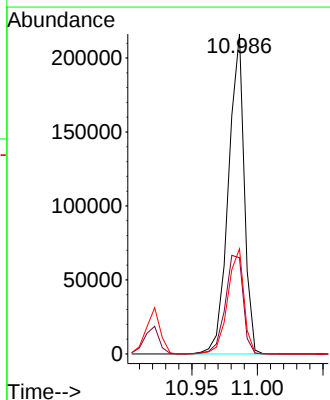
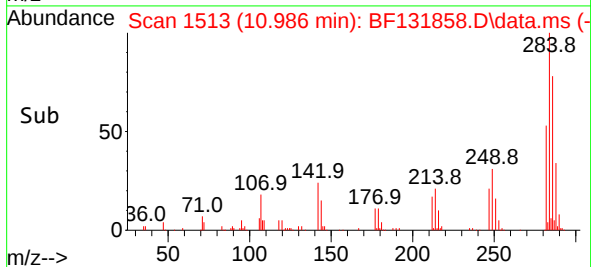
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

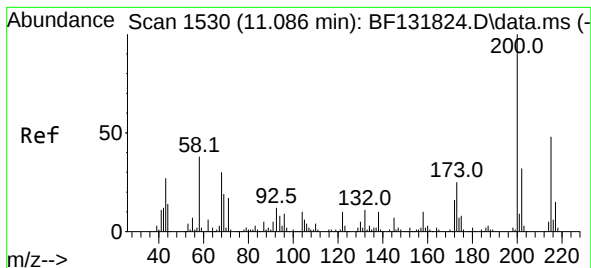


#68
Hexachlorobenzene
Concen: 43.336 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:284 Resp: 181241
Ion Ratio Lower Upper
284 100
142 30.1 31.6 47.4#
249 32.8 26.9 40.3





#69

Atrazine

Concen: 49.448 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

Tgt Ion:200 Resp: 16312

Ion Ratio Lower Upper

200 100

173 24.5 4.5 44.5

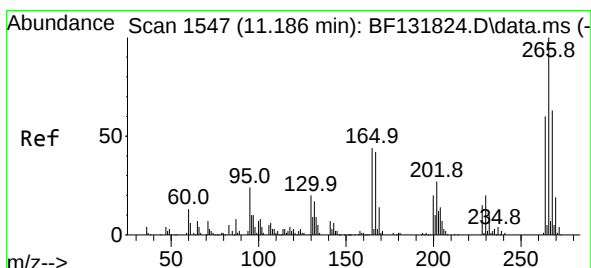
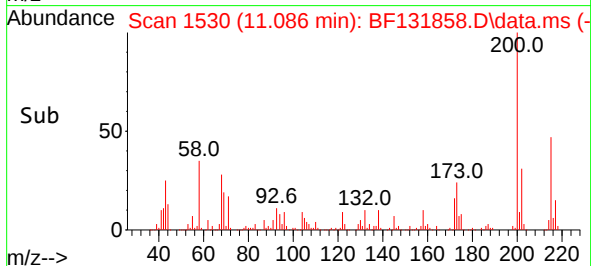
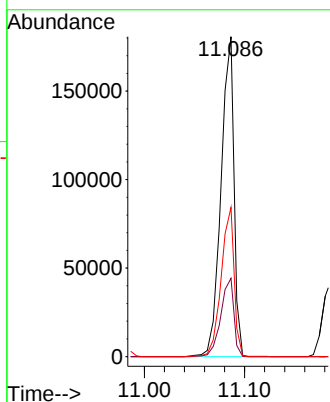
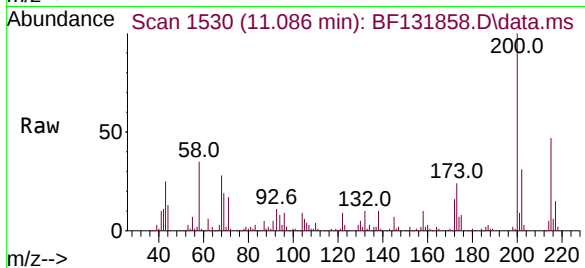
215 46.6 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#70

Pentachlorophenol

Concen: 96.737 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

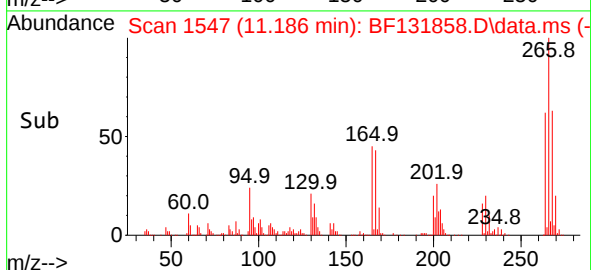
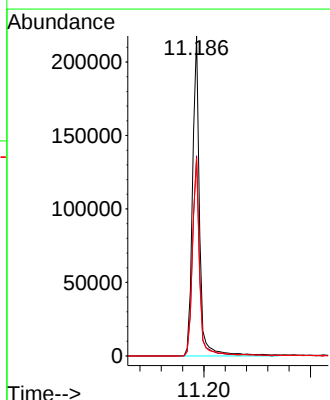
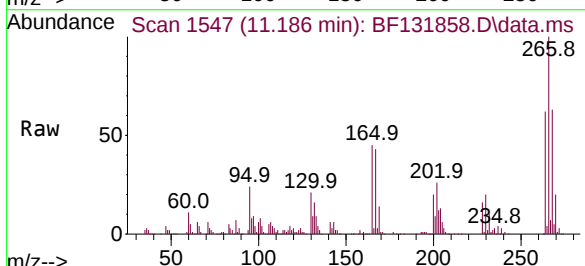
Tgt Ion:266 Resp: 200193

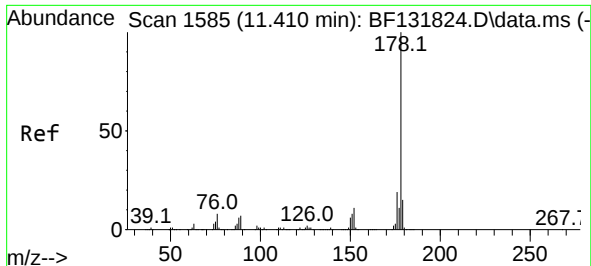
Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

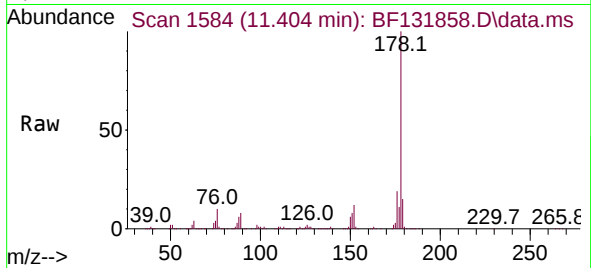
264 61.8 48.3 72.5





#71
Phenanthrene
Concen: 42.053 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

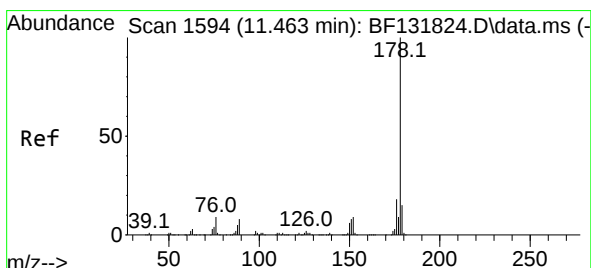
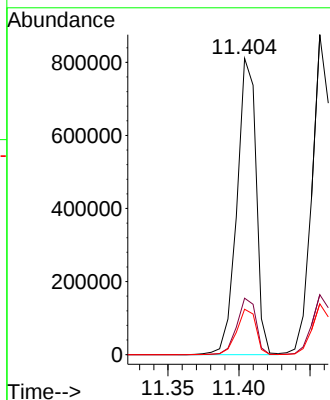
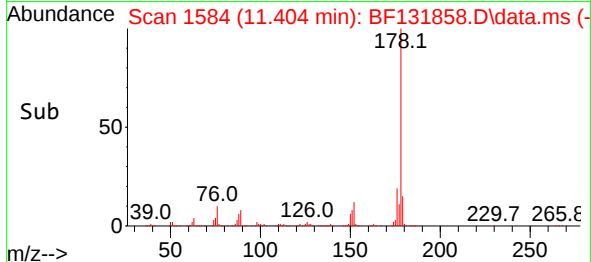
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion:178 Resp: 759642
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.2 18.4

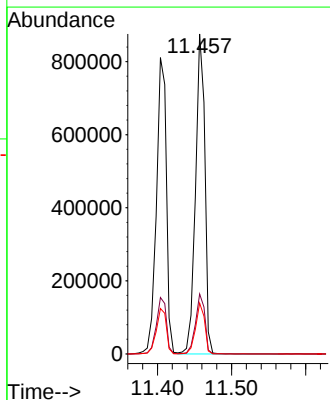
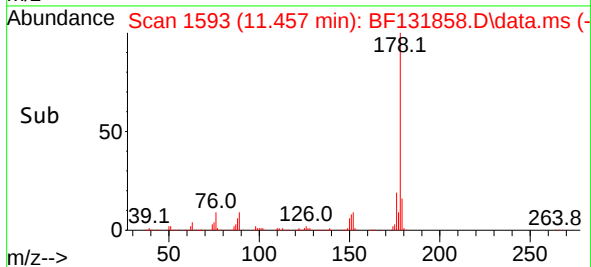
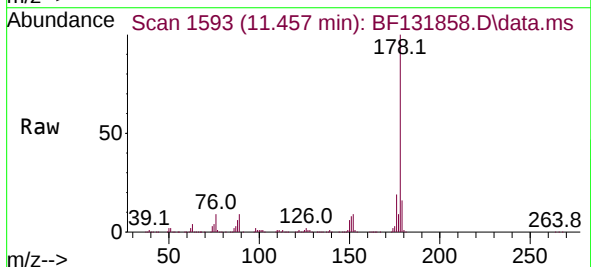
Manual Integrations
APPROVED

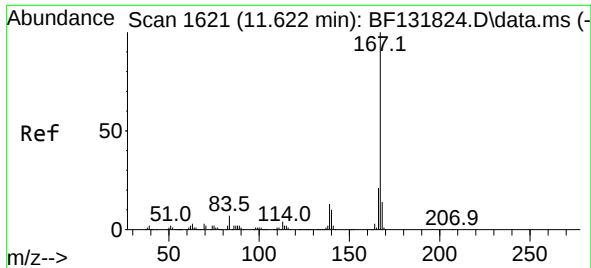
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#72
Anthracene
Concen: 43.658 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

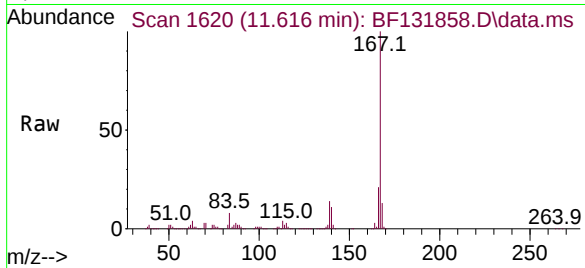
Tgt Ion:178 Resp: 771475
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.9 12.2 18.2





#73
Carbazole
Concen: 43.508 ng
RT: 11.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

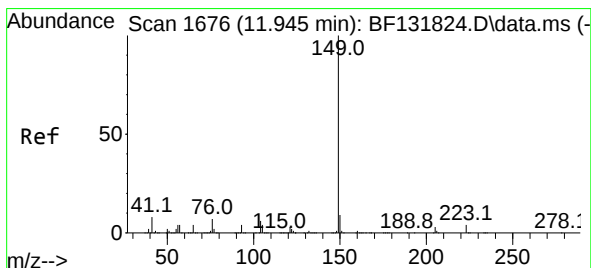
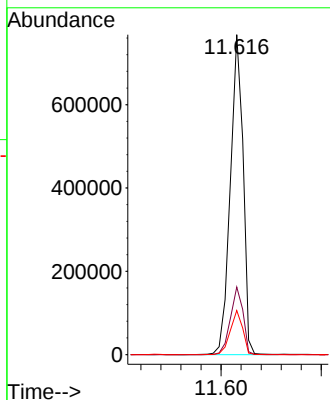
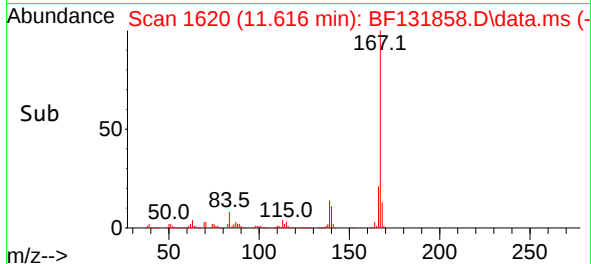
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



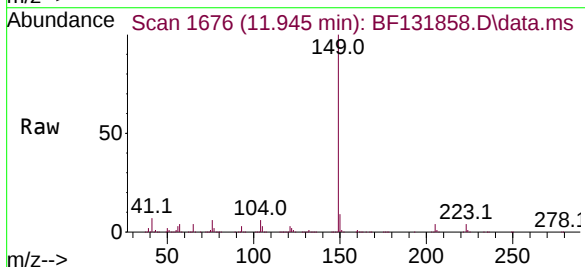
Tgt Ion:167 Resp: 678720
Ion Ratio Lower Upper
167 100
166 21.1 16.6 24.8
139 13.8 10.6 15.8

Manual Integrations
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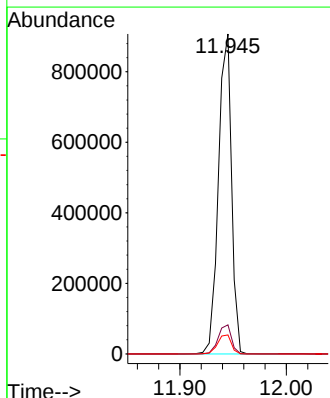
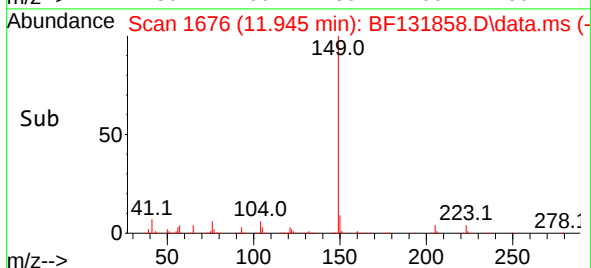
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

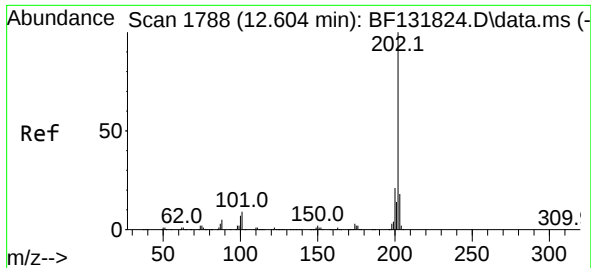


#74
Di-n-butylphthalate
Concen: 41.193 ng
RT: 11.945 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



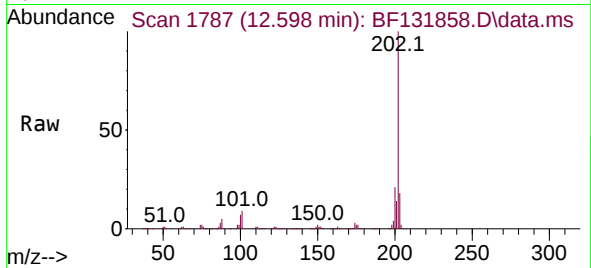
Tgt Ion:149 Resp: 776730
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.9 5.1 7.7





#75
Fluoranthene
Concen: 42.106 ng
RT: 12.598 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

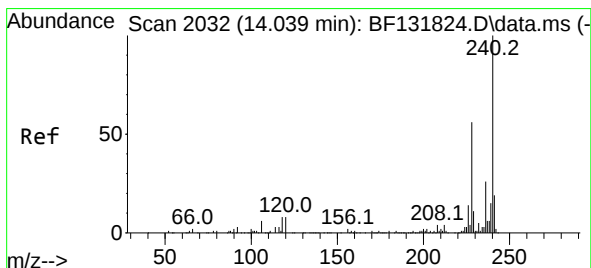
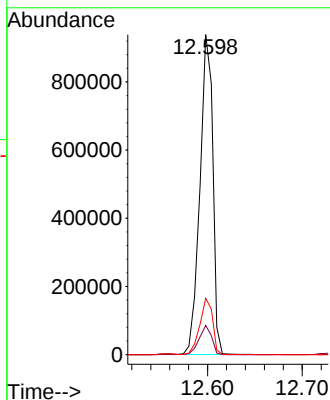
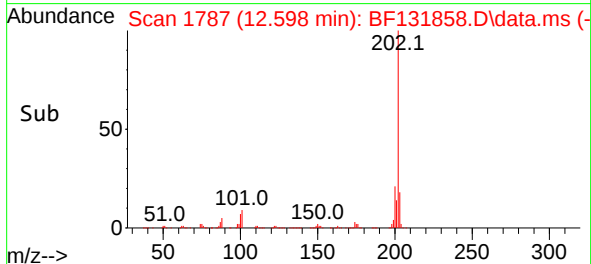
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion:202 Resp: 885925
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.6
203 17.6 0.0 37.8

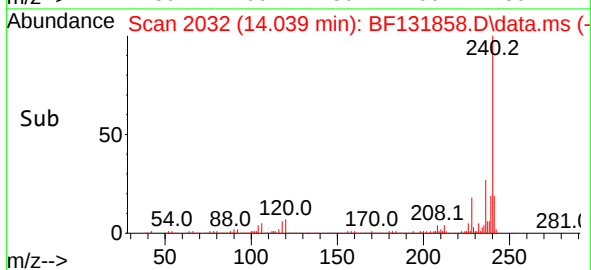
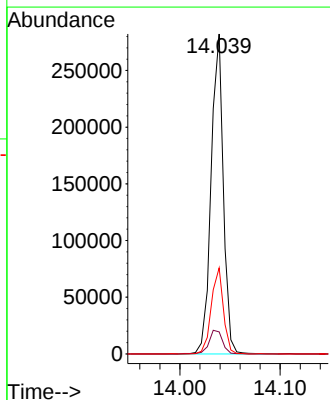
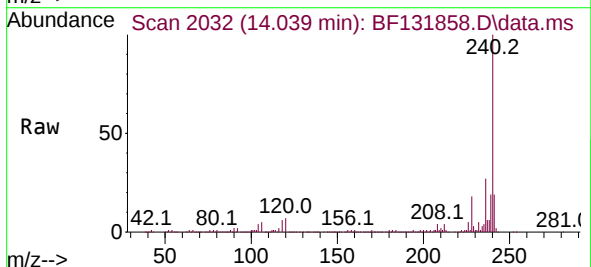
Manual Integrations
APPROVED

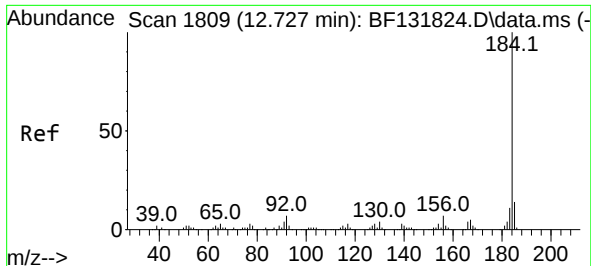
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

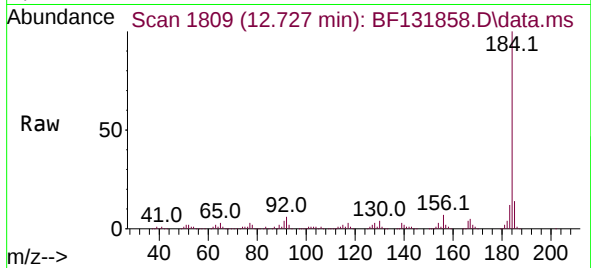
Tgt Ion:240 Resp: 238293
Ion Ratio Lower Upper
240 100
120 6.9 6.7 10.1
236 26.9 20.6 31.0





#77
Benzidine
Concen: 96.552 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

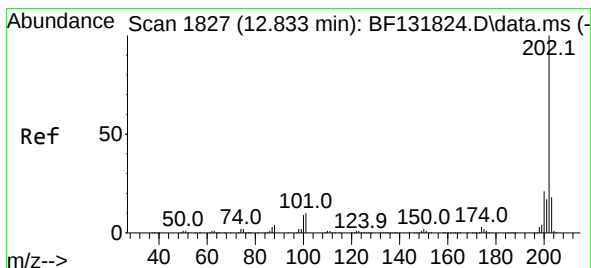
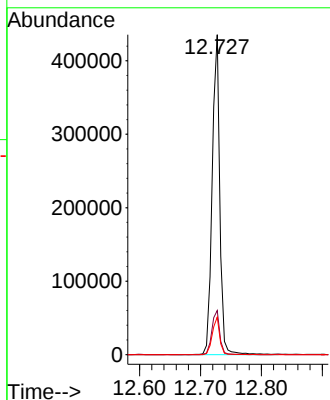
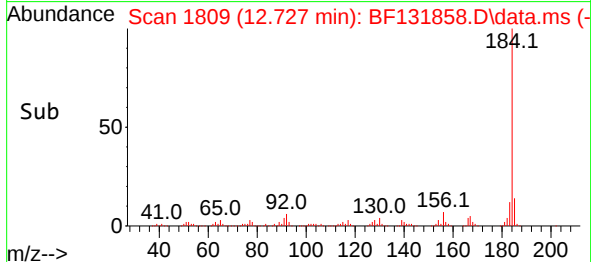
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



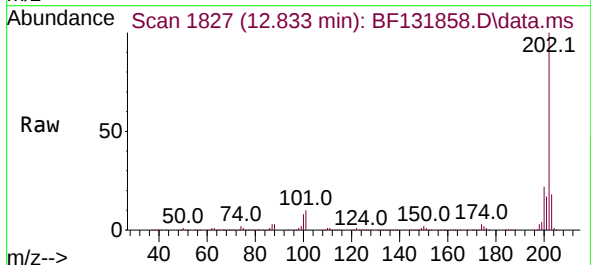
Tgt Ion:184 Resp: 378102
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.7 9.0 13.4

Manual Integrations
APPROVED

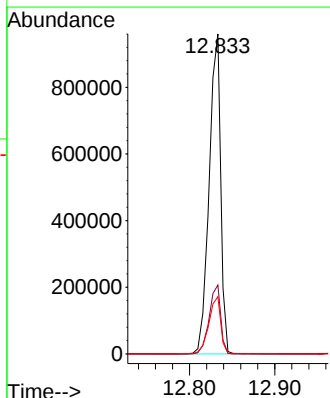
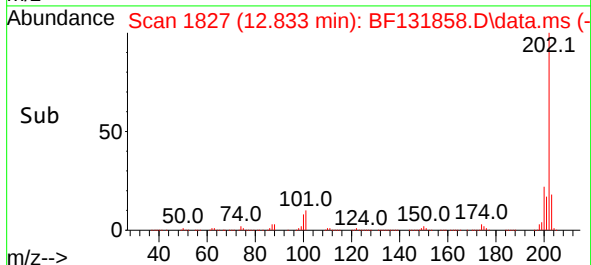
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

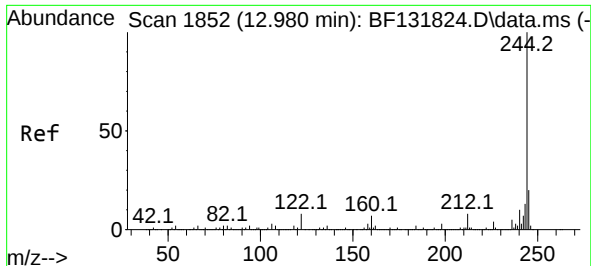


#78
Pyrene
Concen: 45.107 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



Tgt Ion:202 Resp: 900922
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.9 14.4 21.6





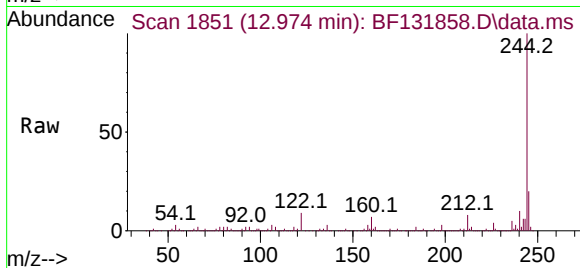
#79
 Terphenyl-d14
 Concen: 95.557 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

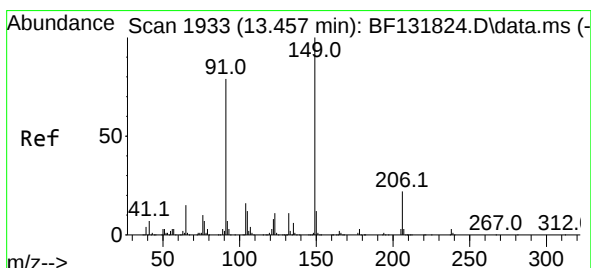
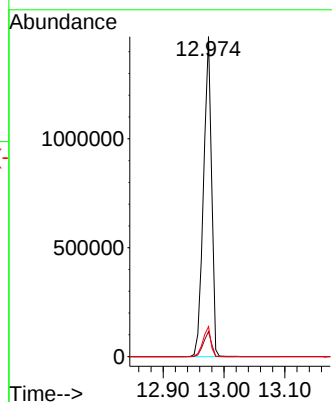
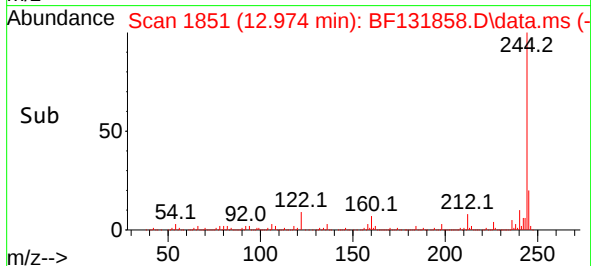


Tgt Ion:244 Resp: 1346158
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 9.4 6.4 9.6

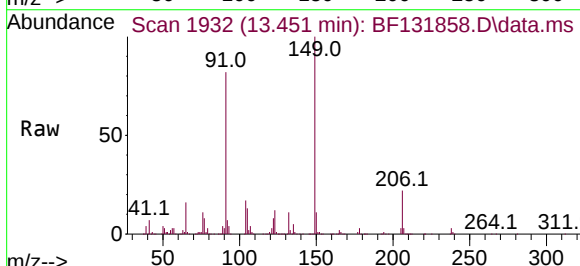
Manual Integrations

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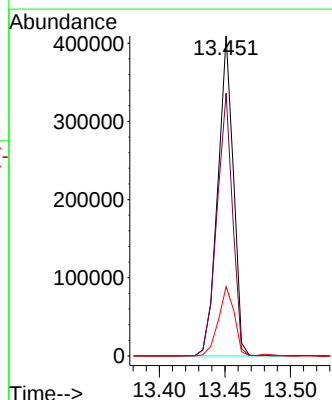
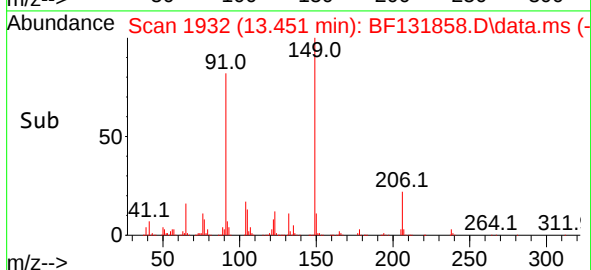
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023

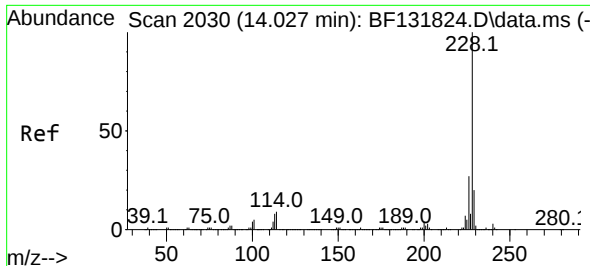


#80
 Butylbenzylphthalate
 Concen: 45.726 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF131858.D
 Acq: 28 Dec 2022 13:14



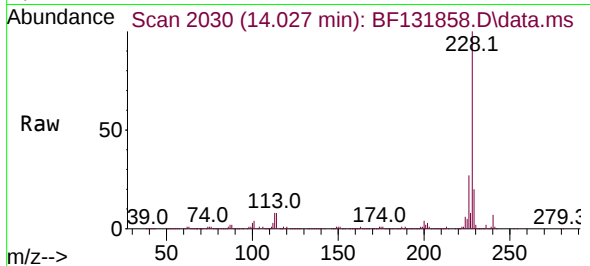
Tgt Ion:149 Resp: 338745
 Ion Ratio Lower Upper
 149 100
 91 82.1 63.2 94.8
 206 21.6 17.9 26.9





#81
Benzo(a)anthracene
Concen: 45.121 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

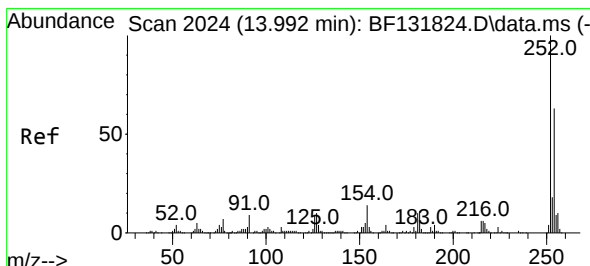
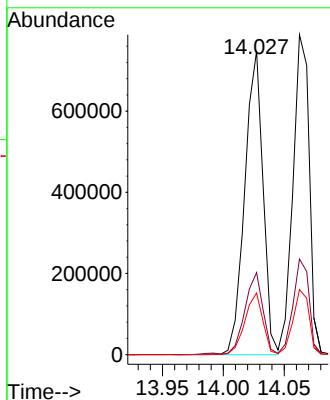
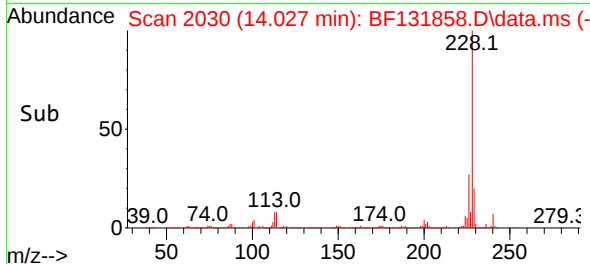
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



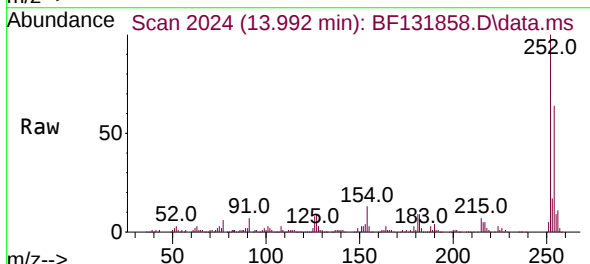
Tgt Ion:228 Resp: 778476
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 20.3 16.0 24.0

Manual Integrations
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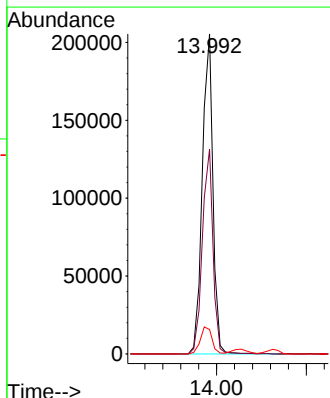
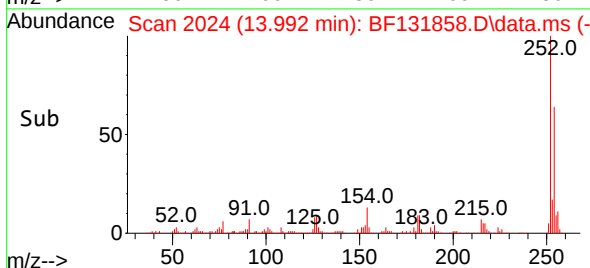
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

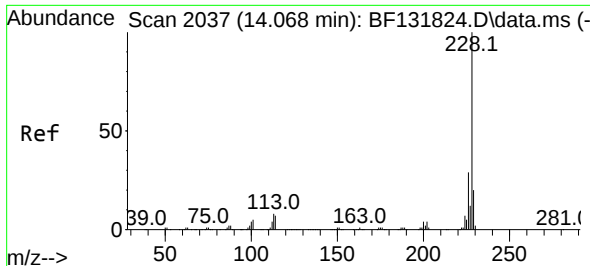


#82
3,3'-Dichlorobenzidine
Concen: 33.728 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14



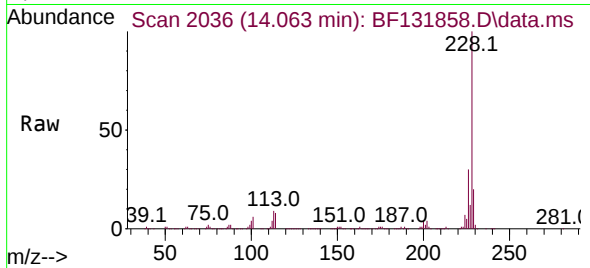
Tgt Ion:252 Resp: 168190
Ion Ratio Lower Upper
252 100
254 64.0 50.4 75.6
126 7.7 7.5 11.3





#83
Chrysene
Concen: 45.217 ng
RT: 14.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

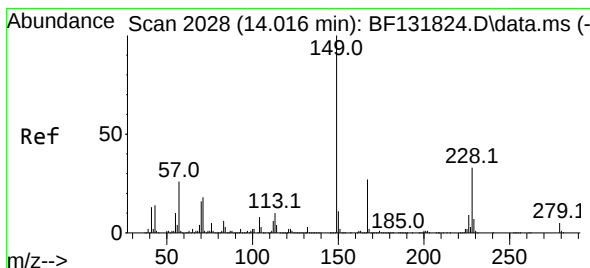
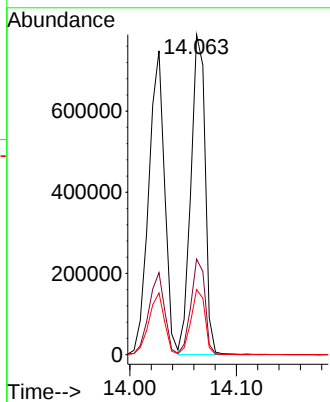
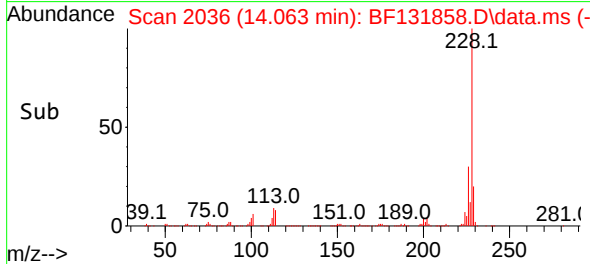
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion:228 Resp: 733072
Ion Ratio Lower Upper
228 100
226 29.9 23.5 35.3
229 20.3 16.2 24.2

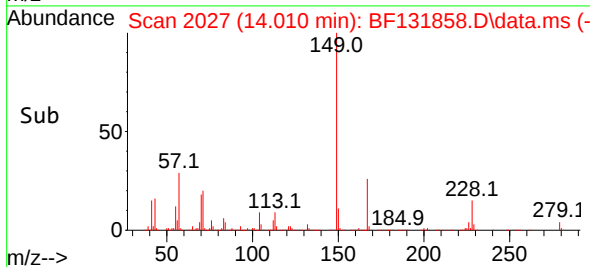
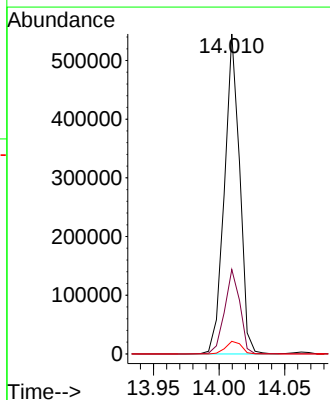
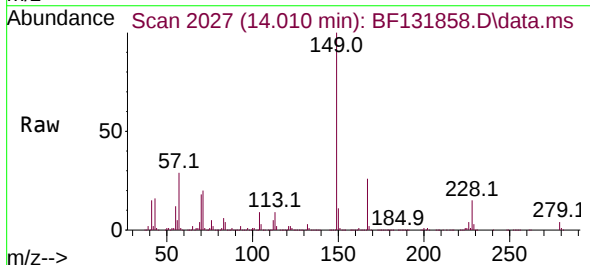
Manual Integrations
APPROVED

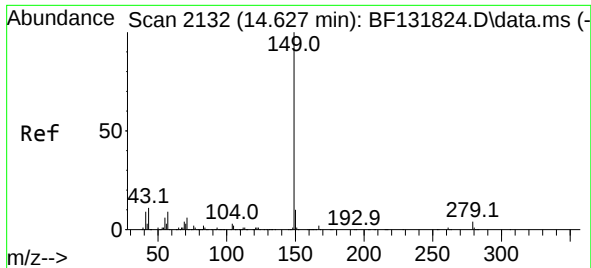
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.928 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

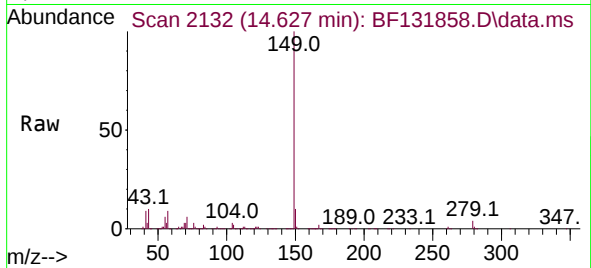
Tgt Ion:149 Resp: 441339
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.6
279 3.9 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 55.236 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

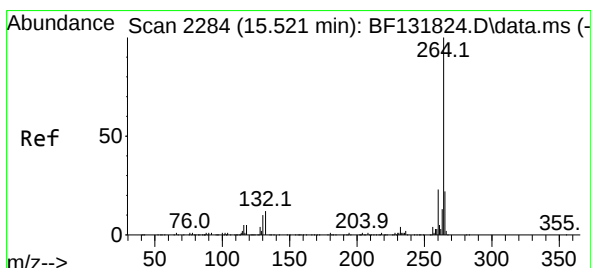
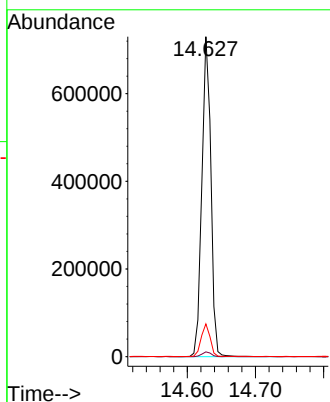
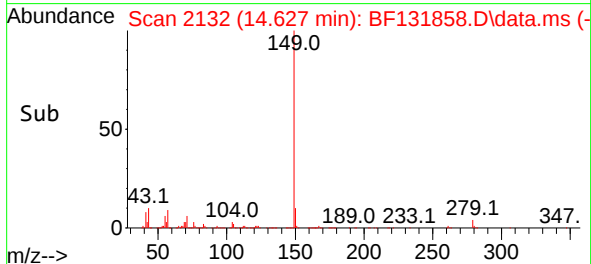
Instrument :
BNA_F
ClientSampleId :
PB149912BSD



Tgt Ion:149 Resp: 670703
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.2 8.1 12.1

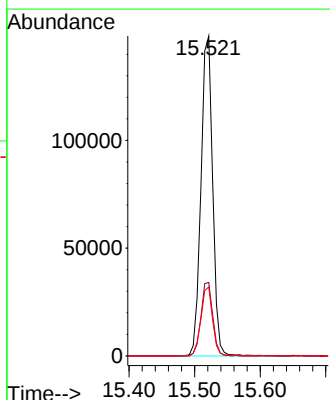
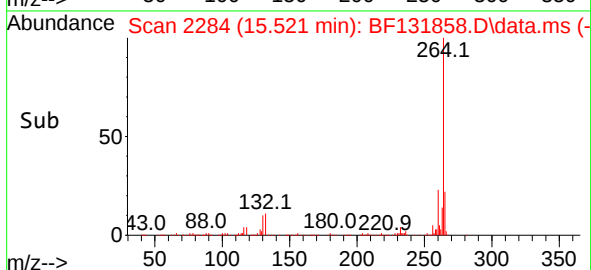
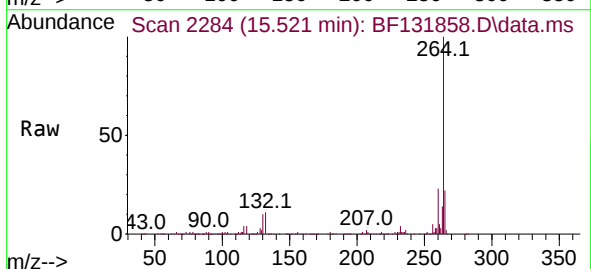
Manual Integrations
APPROVED

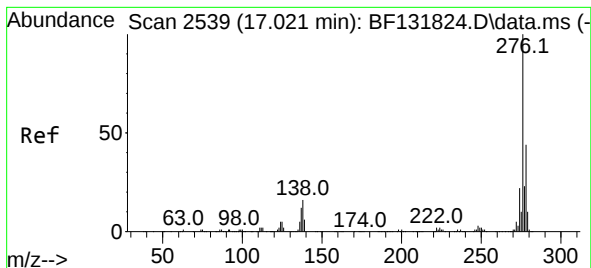
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:264 Resp: 182607
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.809 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

Tgt Ion:276 Resp: 485036

Ion Ratio Lower Upper

276 100

138 17.3 14.5 21.7

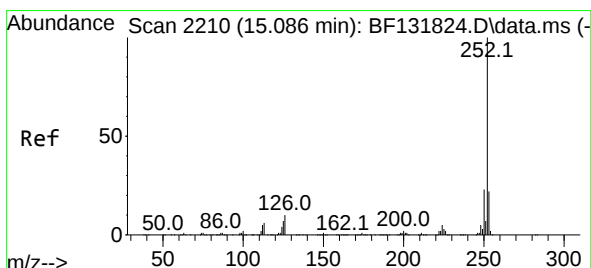
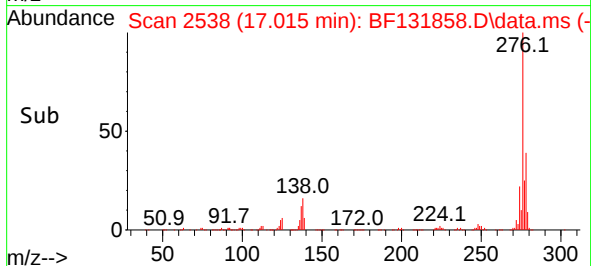
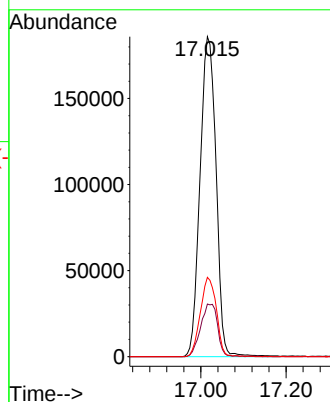
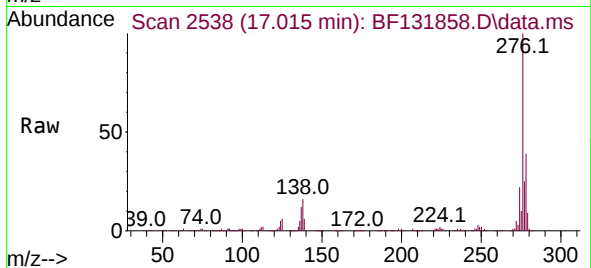
277 24.6 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#88

Benzo(b)fluoranthene

Concen: 47.630 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

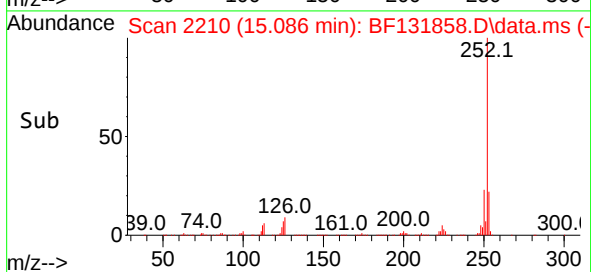
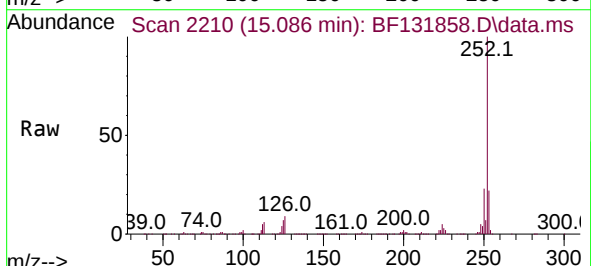
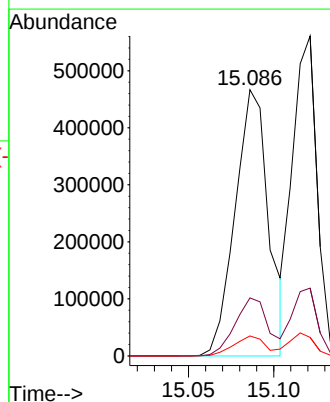
Tgt Ion:252 Resp: 637746

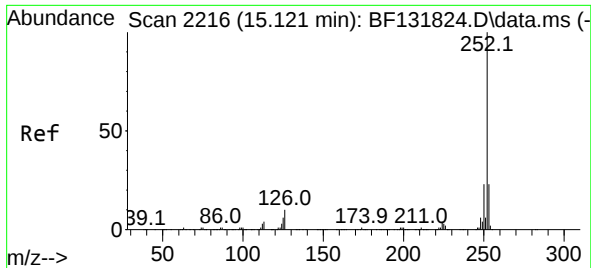
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 7.5 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 43.855 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

Instrument :

BNA_F

ClientSampleId :

PB149912BSD

Tgt Ion:252 Resp: 567356

Ion Ratio Lower Upper

252 100

253 21.2 17.7 26.5

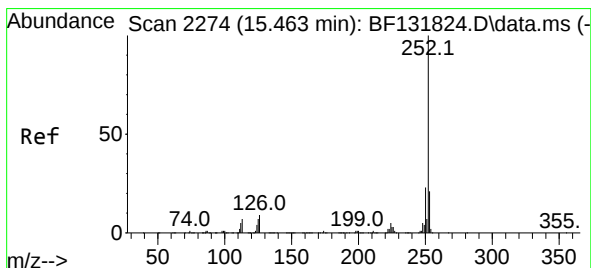
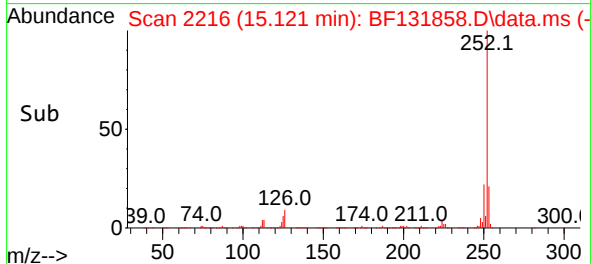
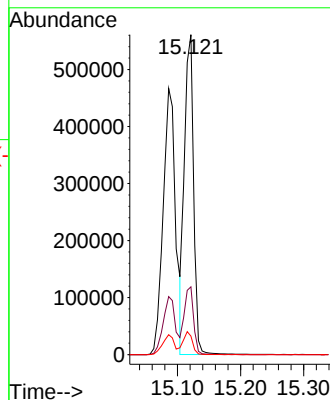
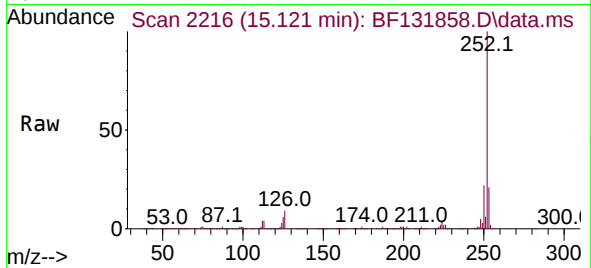
125 5.8 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#90

Benzo(a)pyrene

Concen: 46.490 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF131858.D

Acq: 28 Dec 2022 13:14

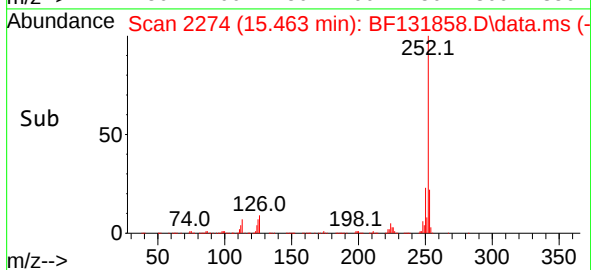
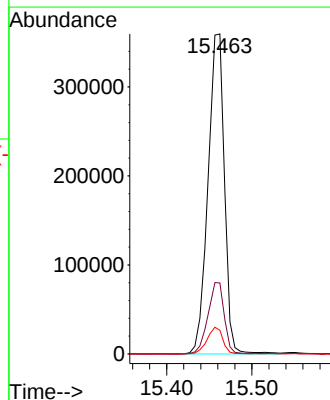
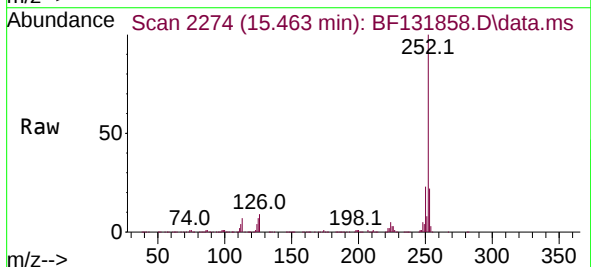
Tgt Ion:252 Resp: 481931

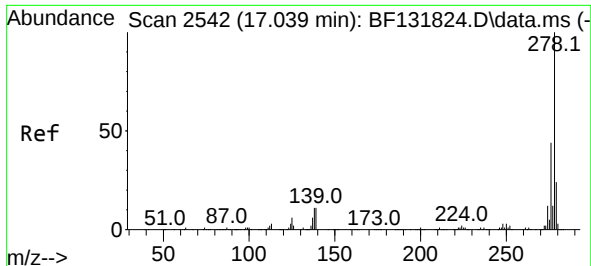
Ion Ratio Lower Upper

252 100

253 22.2 16.6 24.8

125 7.4 5.8 8.8





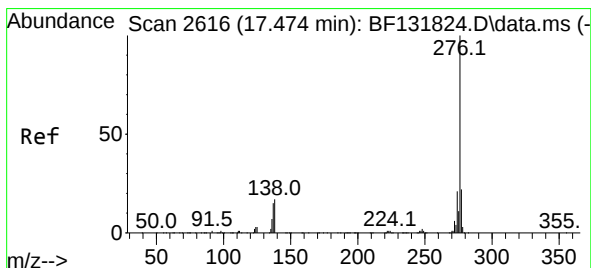
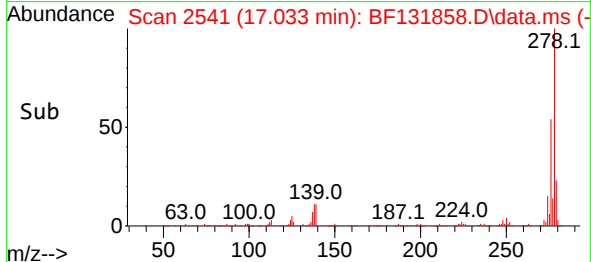
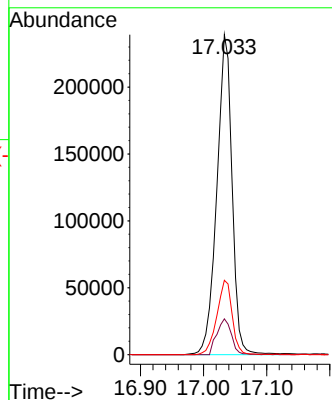
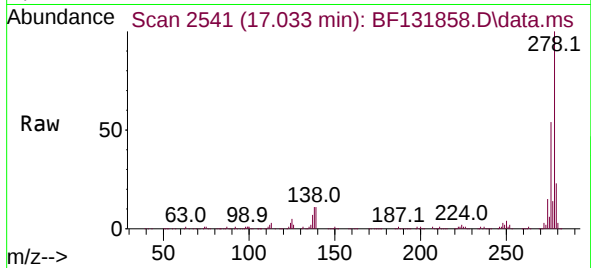
#91
Dibenzo(a,h)anthracene
Concen: 42.167 ng
RT: 17.033 min Scan# 2542
Delta R.T. -0.006 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Instrument :
BNA_F
ClientSampleId :
PB149912BSD

Tgt Ion:278 Resp: 400701
Ion Ratio Lower Upper
278 100
139 11.2 8.6 12.8
279 23.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#92
Benzo(g,h,i)perylene
Concen: 36.703 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF131858.D
Acq: 28 Dec 2022 13:14

Tgt Ion:276 Resp: 396950
Ion Ratio Lower Upper
276 100
277 24.2 17.9 26.9
138 14.9 13.7 20.5

