

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131857.D
 Acq On : 28 Dec 2022 12:32
 Operator : CG\JU
 Sample : PB149912BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149912BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 00:52:15 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	6.822	152	77384	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	284483	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	167268	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	324702	20.000	ng	0.00
76) Chrysene-d12	14.033	240	236370	20.000	ng	0.00
86) Perylene-d12	15.515	264	171222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	666173	142.665	ng	0.01
7) Phenol-d6	6.469	99	857753	139.816	ng	0.00
23) Nitrobenzene-d5	7.398	82	601509	84.419	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	259943	143.032	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1030442	84.381	ng	0.00
79) Terphenyl-d14	12.974	244	1336464	95.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	82239	37.979	ng	98
3) Pyridine	3.357	79	234035	38.445	ng	99
4) n-Nitrosodimethylamine	3.340	42	128494	44.892	ng	98
6) Aniline	6.486	93	297737	40.017	ng	91
8) 2-Chlorophenol	6.610	128	226436	46.027	ng	95
9) Benzaldehyde	6.375	77	166881	42.394	ng	96
10) Phenol	6.481	94	327848	44.875	ng	87
11) bis(2-Chloroethyl)ether	6.563	93	237490	45.458	ng	98
12) 1,3-Dichlorobenzene	6.763	146	245917	43.742	ng	97
13) 1,4-Dichlorobenzene	6.845	146	249564	44.047	ng	96
14) 1,2-Dichlorobenzene	6.992	146	238395	44.779	ng	97
15) Benzyl Alcohol	6.975	79	247516	46.008	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	298051	44.705	ng	97
17) 2-Methylphenol	7.086	107	203556	45.260	ng	98
18) Hexachloroethane	7.339	117	101439	44.338	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	193890	44.750	ng	99
20) 3+4-Methylphenols	7.239	107	263044	44.825	ng	93
22) Acetophenone	7.245	105	369882	44.349	ng	96
24) Nitrobenzene	7.416	77	304914	42.700	ng	100
25) Isophorone	7.657	82	531227	45.653	ng	99
26) 2-Nitrophenol	7.733	139	124293	44.768	ng	97
27) 2,4-Dimethylphenol	7.775	122	202733	51.191	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	291909	46.761	ng	99
29) 2,4-Dichlorophenol	7.975	162	209968	44.006	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	241749	42.734	ng	99
31) Naphthalene	8.139	128	652523	41.883	ng	99
32) Benzoic acid	7.916	122	133628	46.164	ng	95
33) 4-Chloroaniline	8.192	127	152684	25.541	ng	99
34) Hexachlorobutadiene	8.251	225	156706	40.489	ng	99
35) Caprolactam	8.575	113	60127m	42.562	ng	
36) 4-Chloro-3-methylphenol	8.680	107	243005	45.063	ng	98
37) 2-Methylnaphthalene	8.833	142	444785	42.537	ng	99
38) 1-Methylnaphthalene	8.933	142	410387	40.406	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	254165	43.276	ng	98
41) Hexachlorocyclopentadiene	8.986	237	290027	108.095	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	157756	41.938	ng	98

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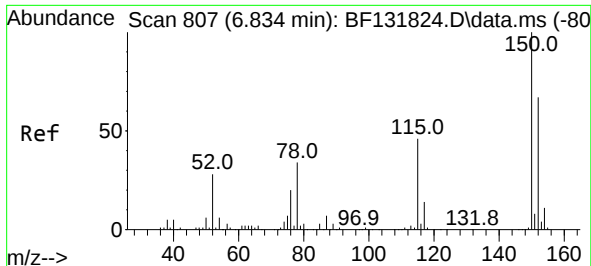
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	171191	42.101	ng	# 93
46) 1,1'-Biphenyl	9.304	154	556718	43.473	ng	99
47) 2-Chloronaphthalene	9.327	162	447932	42.279	ng	98
48) 2-Nitroaniline	9.433	65	165300	42.566	ng	96
49) Acenaphthylene	9.745	152	674753	42.772	ng	99
50) Dimethylphthalate	9.610	163	538185	42.530	ng	100
51) 2,6-Dinitrotoluene	9.675	165	118345	43.202	ng	98
52) Acenaphthene	9.922	154	398228	41.826	ng	100
53) 3-Nitroaniline	9.845	138	80916	28.989	ng	100
54) 2,4-Dinitrophenol	9.957	184	145246	92.136	ng	96
55) Dibenzofuran	10.092	168	622337	42.425	ng	99
56) 4-Nitrophenol	10.022	139	176374	90.203	ng	93
57) 2,4-Dinitrotoluene	10.086	165	165675	44.223	ng	96
58) Fluorene	10.439	166	506733	42.314	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140910m	42.229	ng	
60) Diethylphthalate	10.316	149	511141	41.968	ng	100
61) 4-Chlorophenyl-phenylether	10.427	204	267583	42.982	ng	100
62) 4-Nitroaniline	10.469	138	119443	41.060	ng	97
63) Azobenzene	10.592	77	567947	42.018	ng	100
65) 4,6-Dinitro-2-methylph...	10.492	198	96325	43.571	ng	80
66) n-Nitrosodiphenylamine	10.551	169	428958	43.308	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	163747	43.511	ng	98
68) Hexachlorobenzene	10.986	284	183273	44.332	ng	# 88
69) Atrazine	11.080	200	165025	50.608	ng	99
70) Pentachlorophenol	11.186	266	199656	97.601	ng	98
71) Phenanthrene	11.404	178	762031	42.677	ng	100
72) Anthracene	11.457	178	777458	44.509	ng	99
73) Carbazole	11.616	167	682043	44.230	ng	99
74) Di-n-butylphthalate	11.939	149	798362	42.834	ng	100
75) Fluoranthene	12.598	202	880244	42.323	ng	99
77) Benzidine	12.721	184	384987	99.110	ng	100
78) Pyrene	12.827	202	901728	45.515	ng	99
80) Butylbenzylphthalate	13.451	149	337152	45.881	ng	100
81) Benzo(a)anthracene	14.027	228	772606	45.146	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	155588	31.454	ng	99
83) Chrysene	14.062	228	703541	43.748	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	423894	47.377	ng	99
85) Di-n-octyl phthalate	14.627	149	611225	50.747	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	478491	43.988	ng	100
88) Benzo(b)fluoranthene	15.086	252	571015	45.482	ng	99
89) Benzo(k)fluoranthene	15.115	252	556504	45.877	ng	99
90) Benzo(a)pyrene	15.457	252	456073	46.921	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	392920	44.097	ng	99
92) Benzo(g,h,i)perylene	17.468	276	395932	38.709	ng	97

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

Manual Integrations

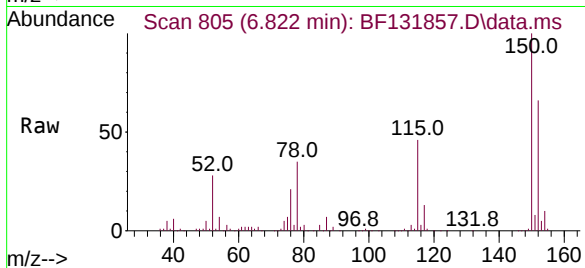
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF131857.D
 Acq: 28 Dec 2022 12:32

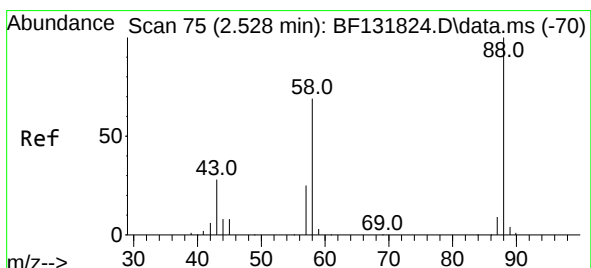
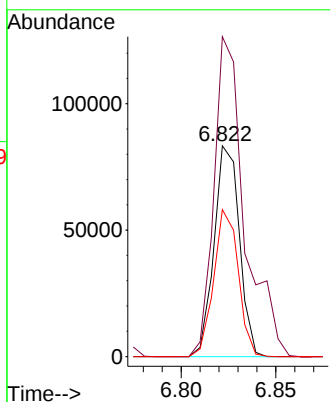
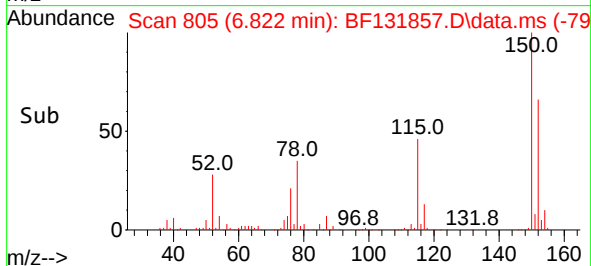
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 PB149912BS



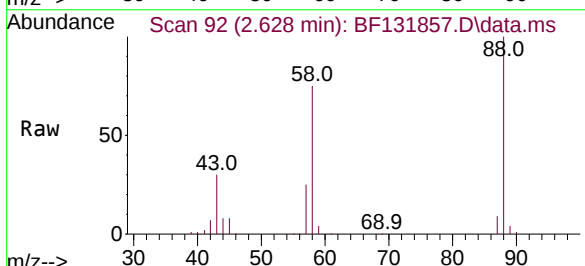
Tgt Ion:152 Resp: 77384
 Ion Ratio Lower Upper
 152 100
 150 151.8 120.0 180.0
 115 69.7 55.1 82.7

Manual Integrations
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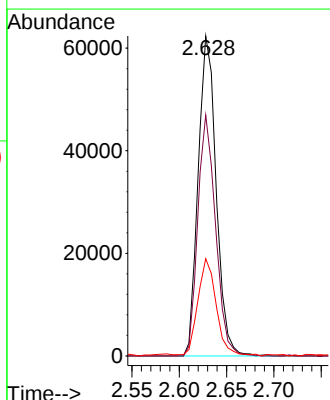
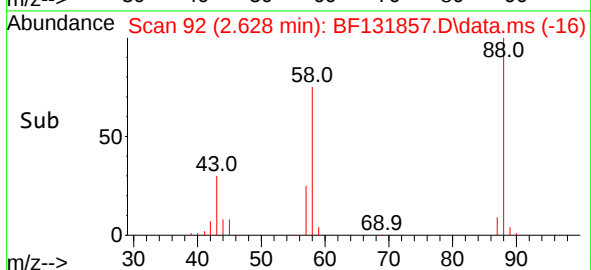
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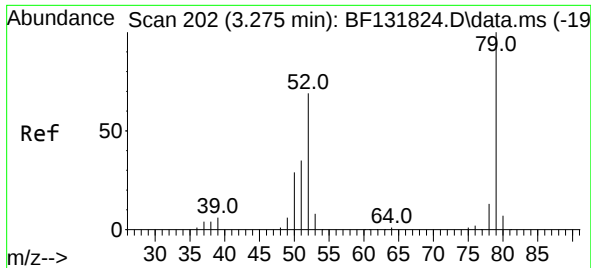


#2
 1,4-Dioxane
 Concen: 37.979 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.100 min
 Lab File: BF131857.D
 Acq: 28 Dec 2022 12:32



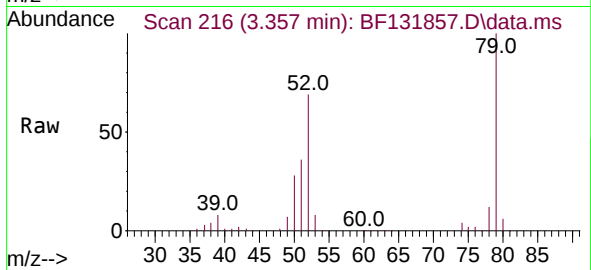
Tgt Ion: 88 Resp: 82239
 Ion Ratio Lower Upper
 88 100
 58 74.1 58.2 87.2
 43 31.3 24.2 36.4





#3
Pyridine
Concen: 38.445 ng
RT: 3.357 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

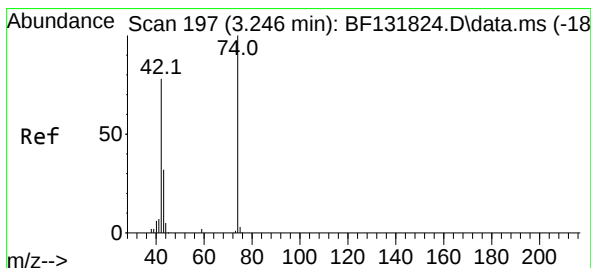
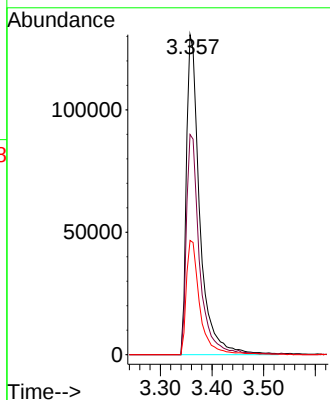
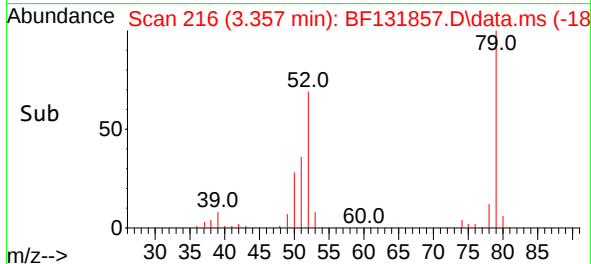
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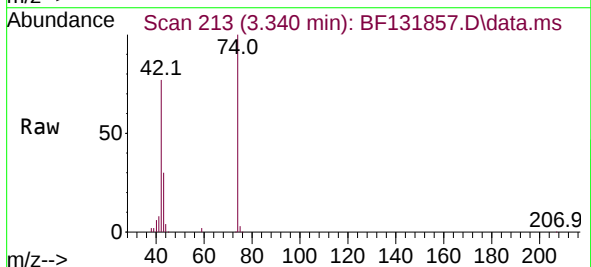
Tgt Ion: 79 Resp: 234035
Ion Ratio Lower Upper
79 100
52 68.8 55.4 83.2
51 35.7 27.8 41.8

Manual Integrations
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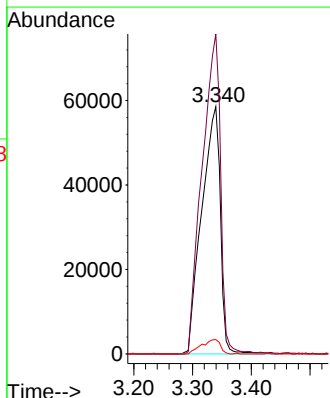
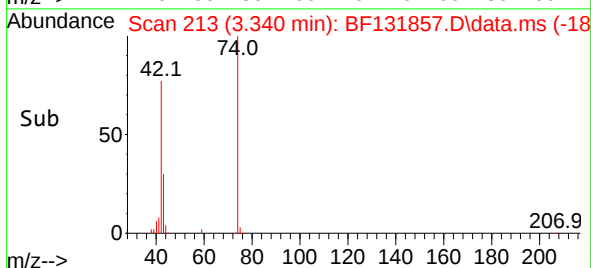
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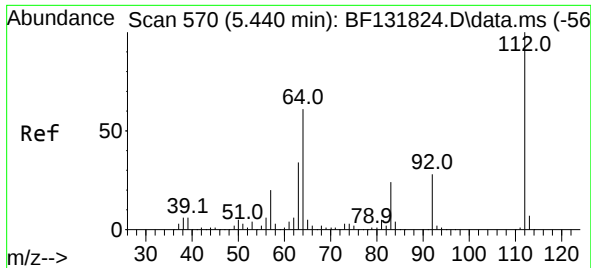


#4
n-Nitrosodimethylamine
Concen: 44.892 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.094 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion: 42 Resp: 128494
Ion Ratio Lower Upper
42 100
74 129.5 102.0 153.0
44 5.8 4.6 7.0





#5
2-Fluorophenol
Concen: 142.665 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

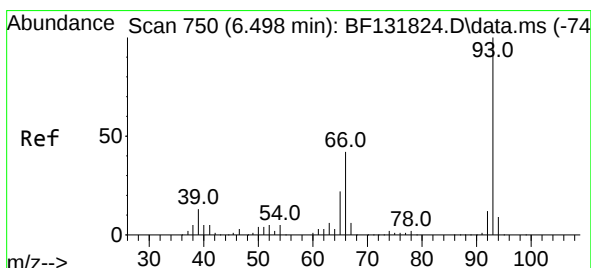
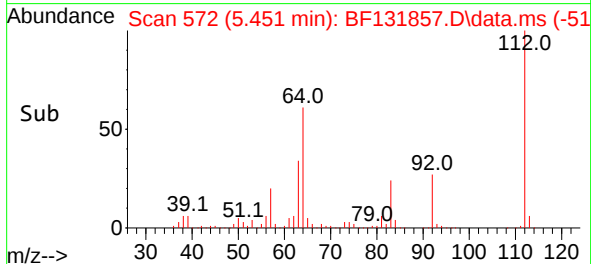
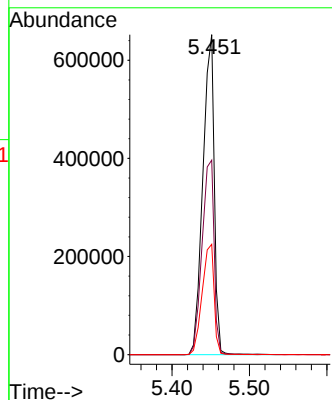
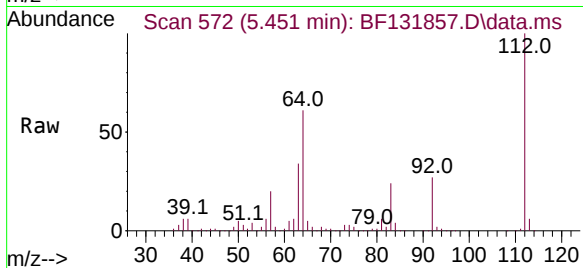
PB149912BS

Tgt Ion:112 Resp: 666173
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 34.5 27.5 41.3

Manual Integrations

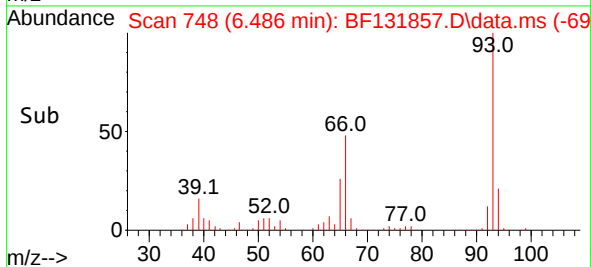
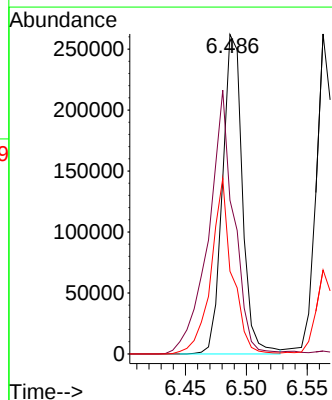
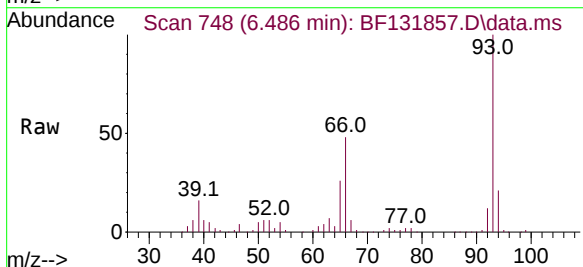
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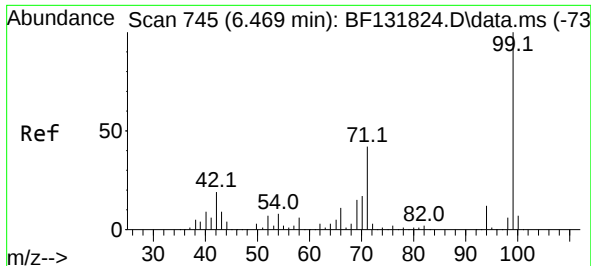
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#6
Aniline
Concen: 40.017 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

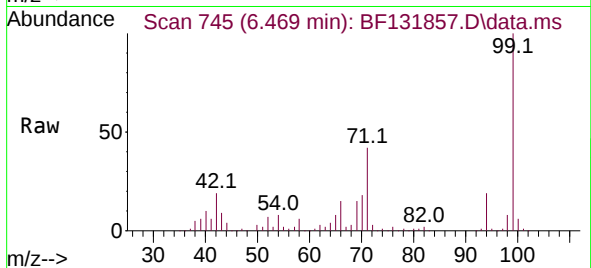
Tgt Ion: 93 Resp: 297737
Ion Ratio Lower Upper
93 100
66 48.1 33.9 50.9
65 25.9 17.4 26.0





#7
Phenol-d6
Concen: 139.816 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

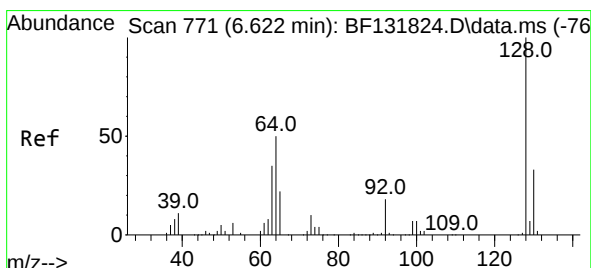
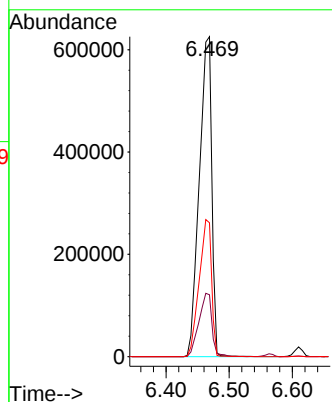
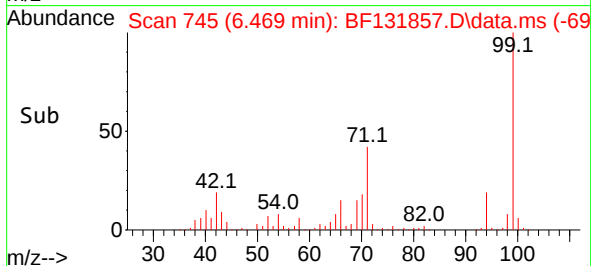
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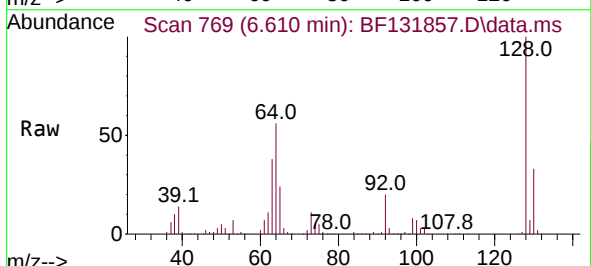
Tgt Ion: 99 Resp: 857753
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 41.8 33.5 50.3

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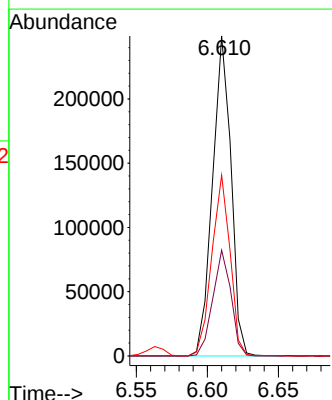
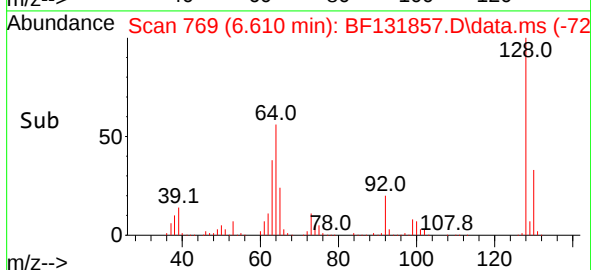
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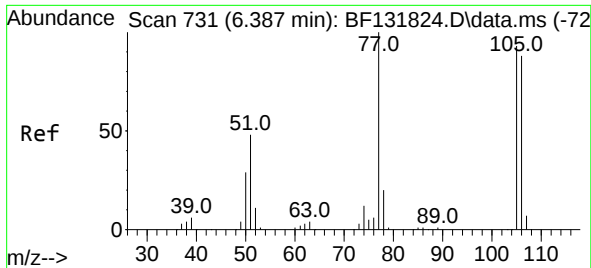


#8
2-Chlorophenol
Concen: 46.027 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion:128 Resp: 226436
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 56.5 30.7 70.7





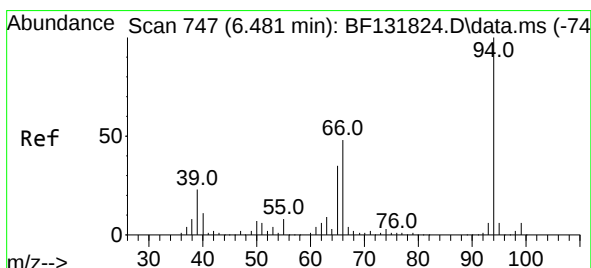
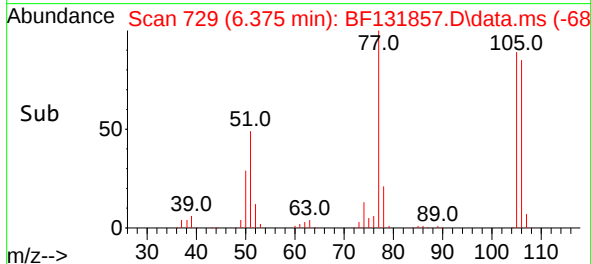
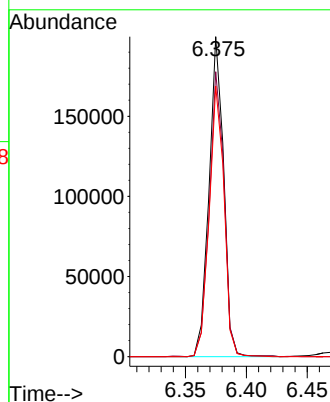
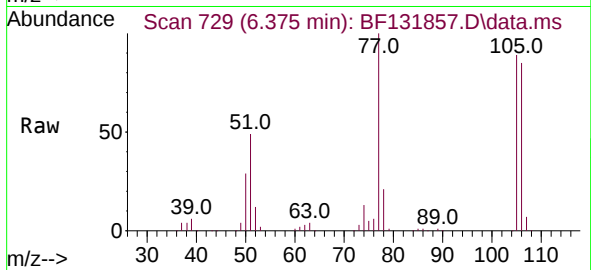
#9
Benzaldehyde
Concen: 42.394 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
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PB149912BS

Tgt Ion: 77 Resp: 166881
Ion Ratio Lower Upper
77 100
105 89.0 72.9 112.9
106 84.6 68.5 108.5

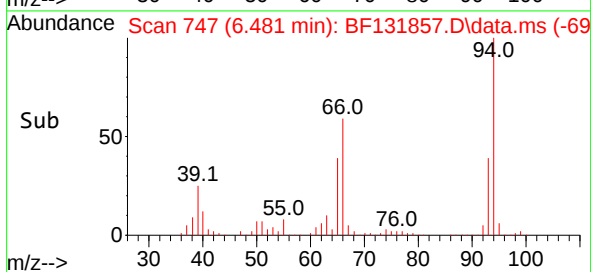
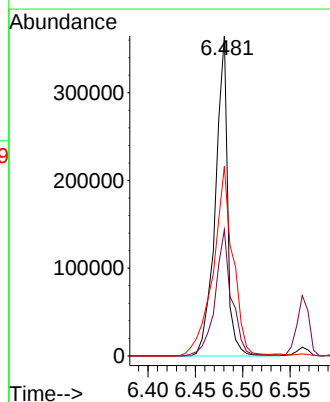
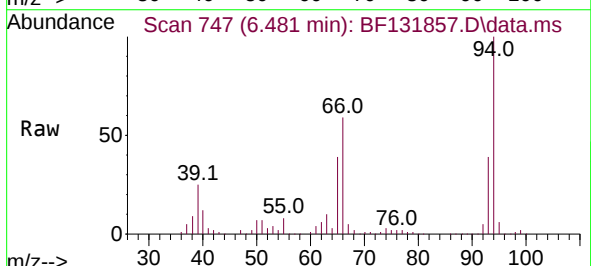
Manual Integrations
APPROVED

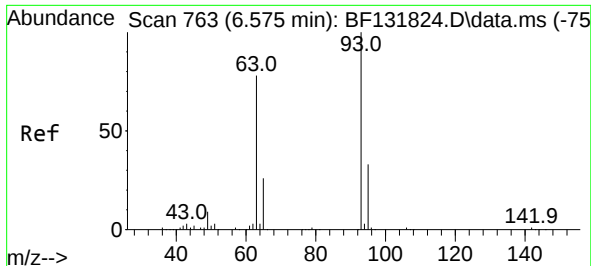
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#10
Phenol
Concen: 44.875 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion: 94 Resp: 327848
Ion Ratio Lower Upper
94 100
65 39.4 14.6 54.6
66 59.3 28.2 68.2





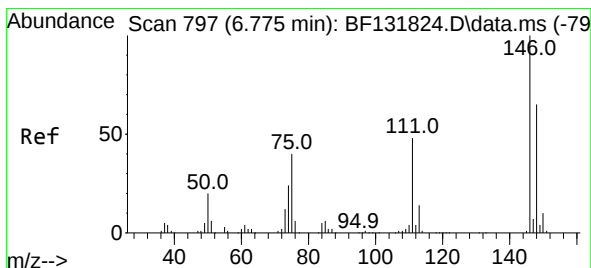
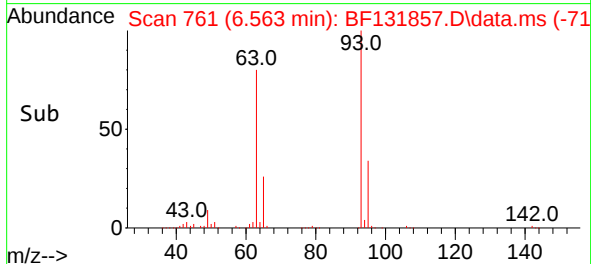
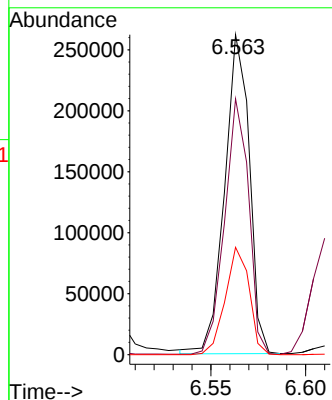
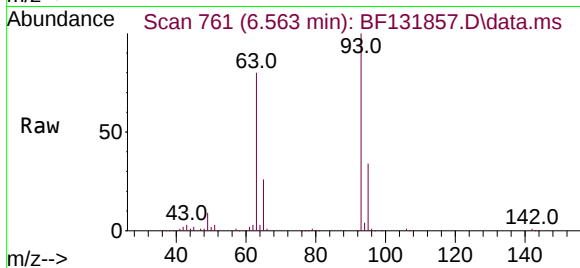
#11
bis(2-Chloroethyl)ether
Concen: 45.458 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
BNA_F
ClientSampleId :
PB149912BS

Tgt Ion: 93 Resp: 237490
Ion Ratio Lower Upper
93 100
63 79.9 57.6 97.6
95 33.5 12.7 52.7

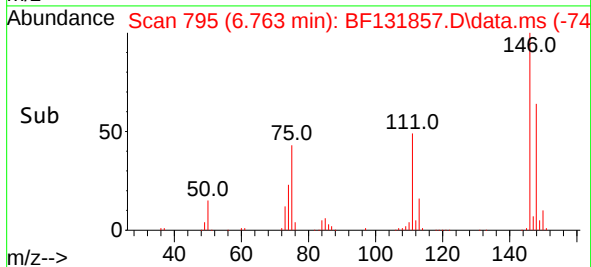
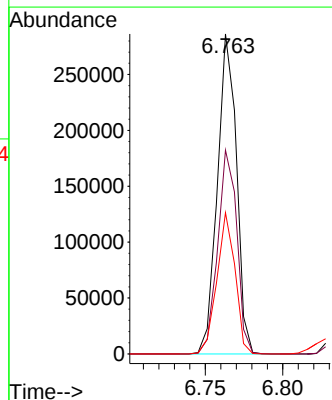
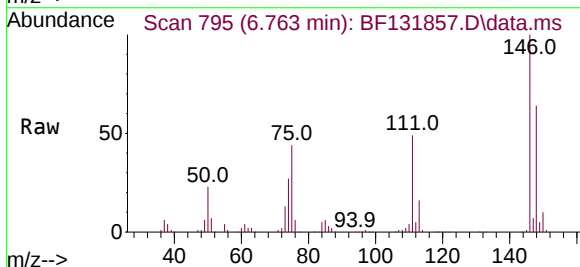
Manual Integrations
APPROVED

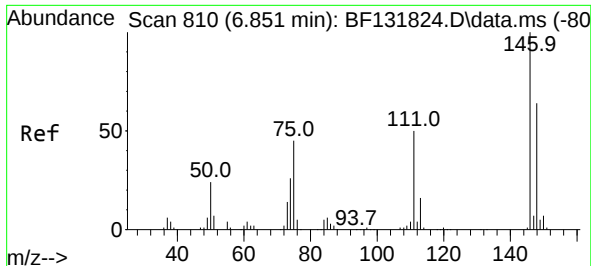
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#12
1,3-Dichlorobenzene
Concen: 43.742 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

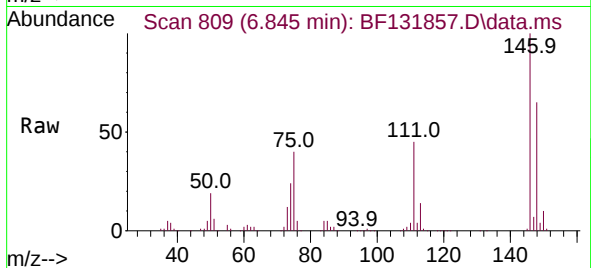
Tgt Ion:146 Resp: 245917
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 44.1 32.2 48.4





#13
1,4-Dichlorobenzene
Concen: 44.047 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

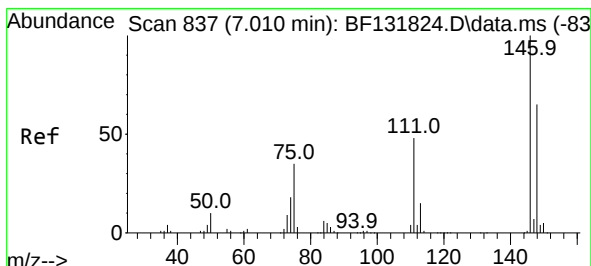
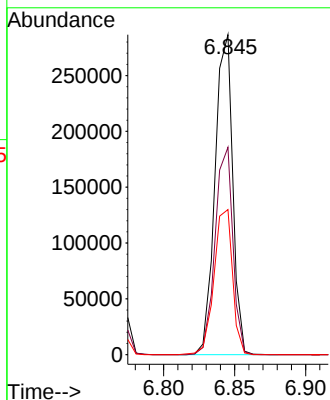
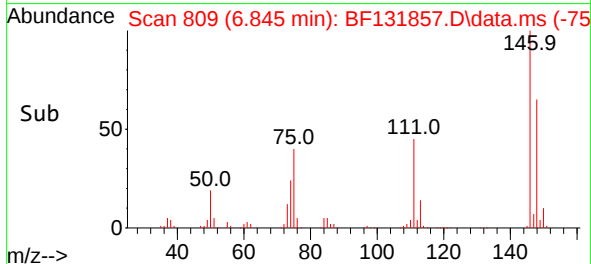
Instrument :
BNA_F
ClientSampleId :
PB149912BS



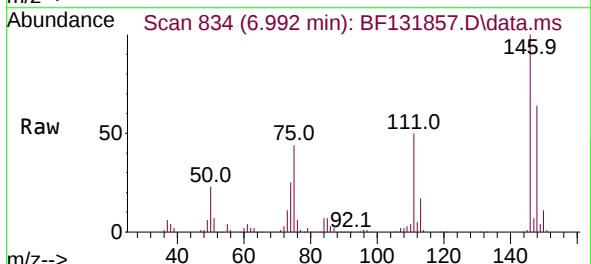
Tgt Ion:146 Resp: 249564
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
111 45.3 40.1 60.1

Manual Integrations
APPROVED

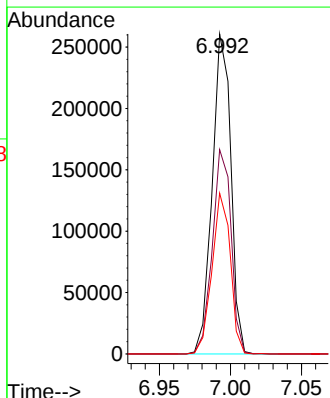
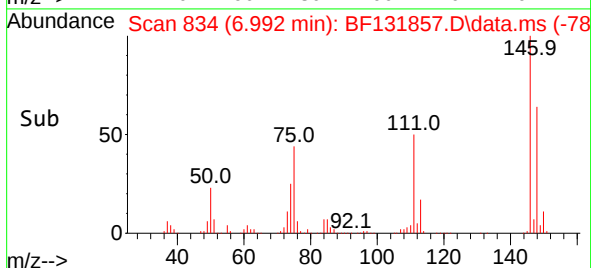
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

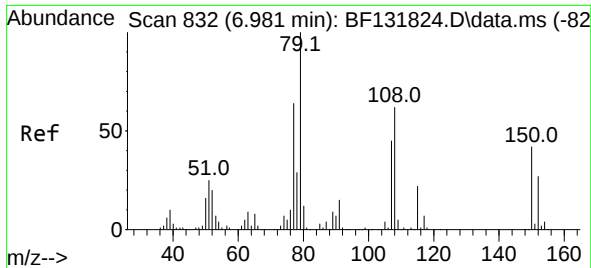


#14
1,2-Dichlorobenzene
Concen: 44.779 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.018 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



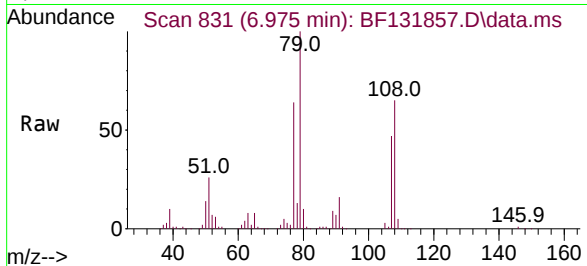
Tgt Ion:146 Resp: 238395
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 50.2 38.2 57.4





#15
Benzyl Alcohol
Concen: 46.008 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

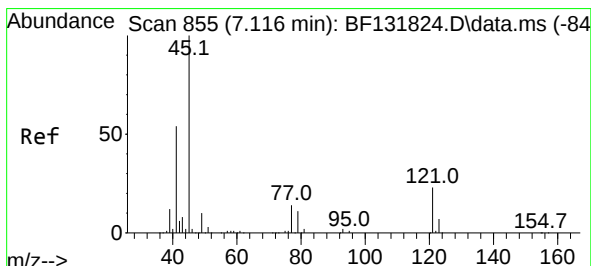
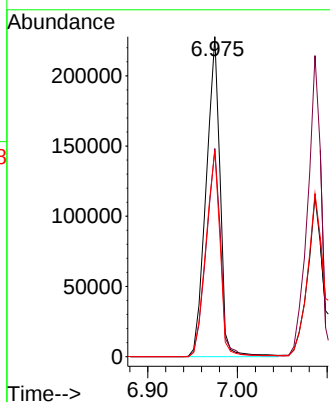
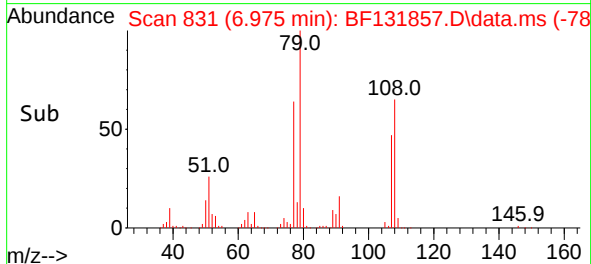
Instrument :
BNA_F
ClientSampleId :
PB149912BS



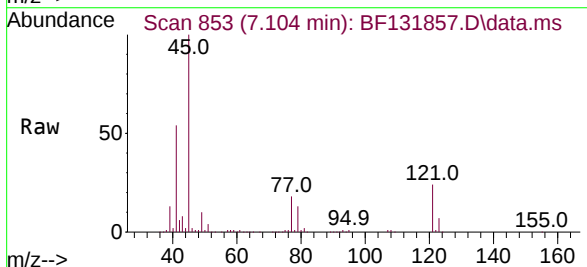
Tgt Ion: 79 Resp: 247516
Ion Ratio Lower Upper
79 100
108 65.0 49.8 74.8
77 64.4 51.4 77.0

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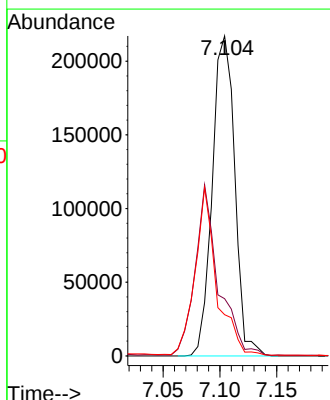
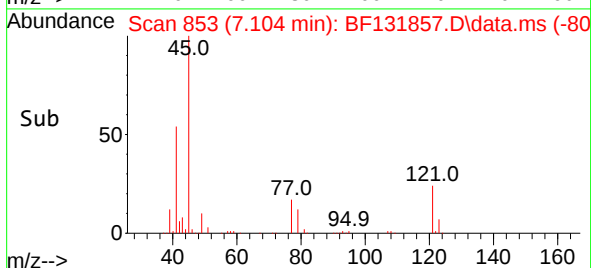
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

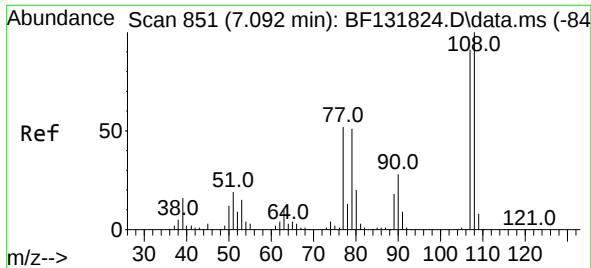


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.705 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion: 45 Resp: 298051
Ion Ratio Lower Upper
45 100
77 17.9 0.0 36.1
79 12.9 0.0 33.3





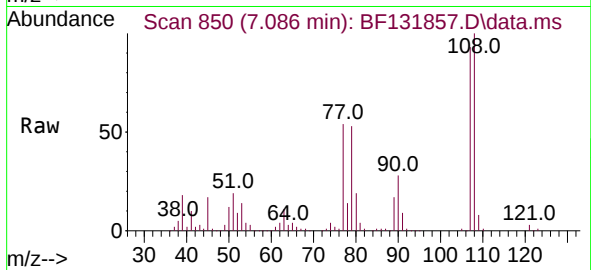
#17
2-Methylphenol
Concen: 45.260 ng
RT: 7.086 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

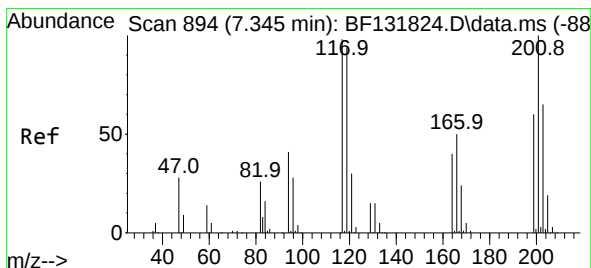
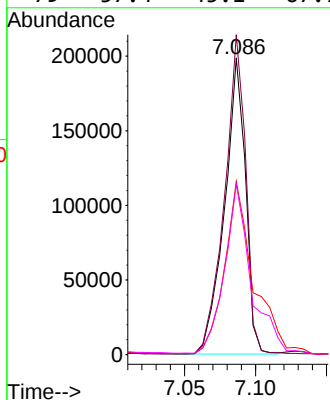
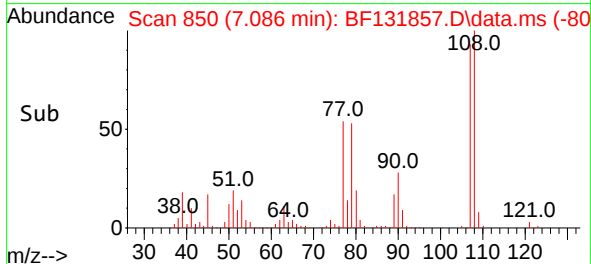


Tgt Ion:107 Resp: 203556
Ion Ratio Lower Upper
107 100
108 107.9 87.6 131.4
77 58.4 45.8 68.8
79 57.4 45.1 67.7

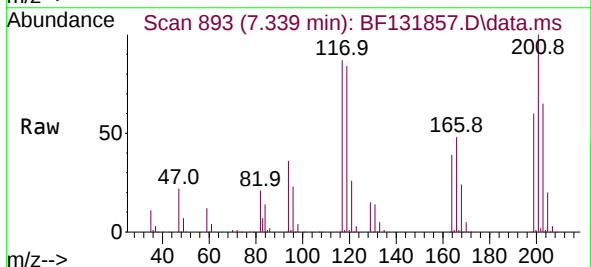
Manual Integrations

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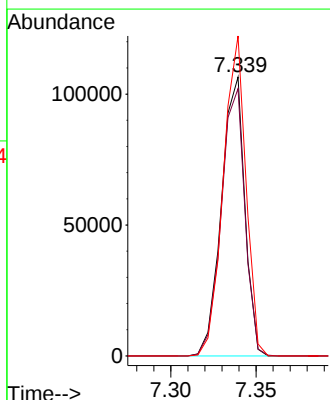
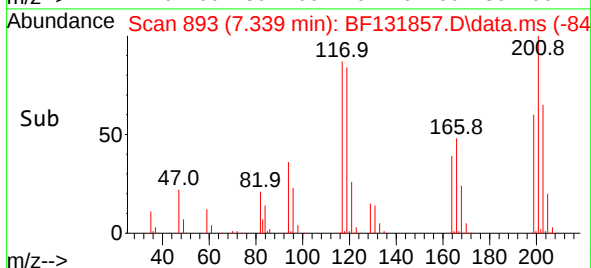
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

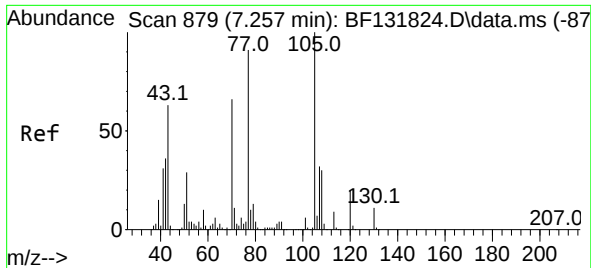


#18
Hexachloroethane
Concen: 44.338 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion:117 Resp: 101439
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 114.8 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 44.750 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

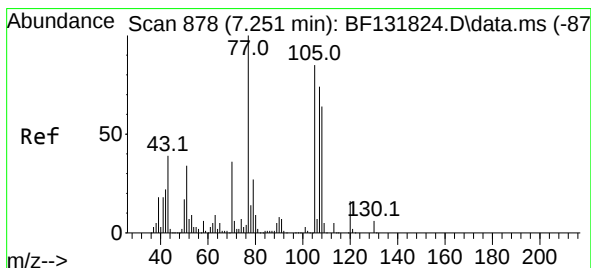
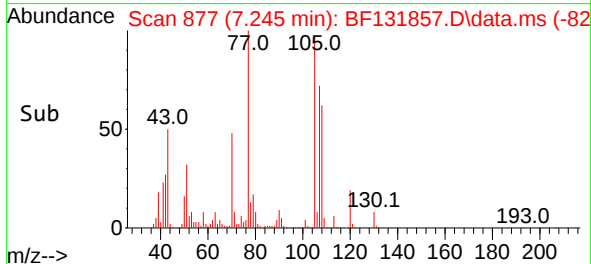
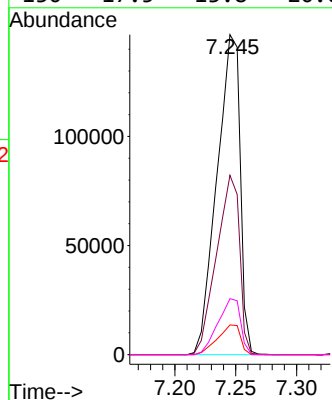
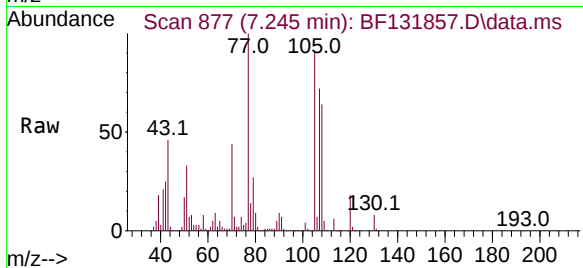
ClientSampleId :

PB149912BS

Tgt Ion: 70 Resp: 193890
Ion Ratio Lower Upper
70 100
42 56.0 43.8 65.6
101 9.3 7.4 11.0
130 17.5 13.8 20.6

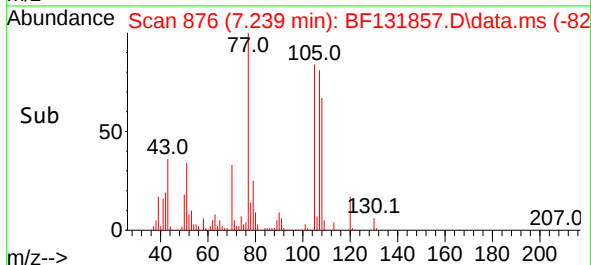
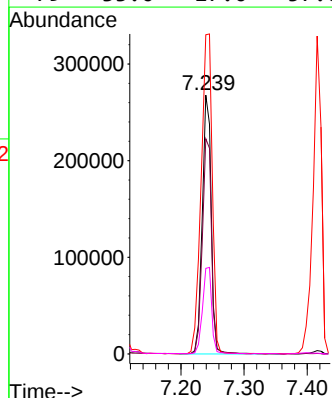
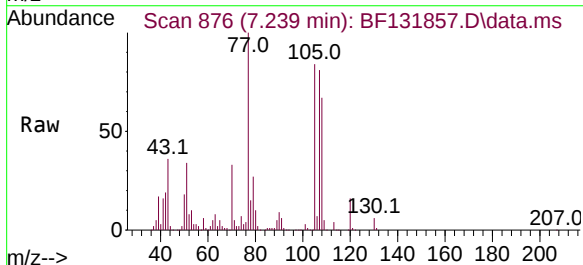
Manual Integrations
APPROVED

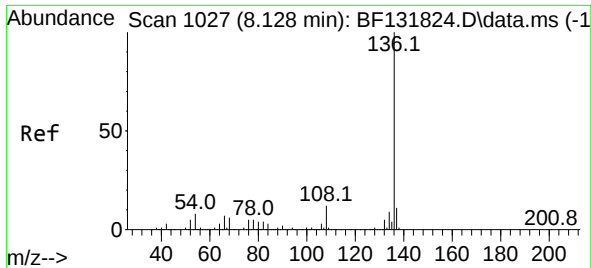
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#20
3+4-Methylphenols
Concen: 44.825 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:107 Resp: 263044
Ion Ratio Lower Upper
107 100
108 83.1 67.1 107.1
77 123.3 114.9 154.9
79 33.0 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: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

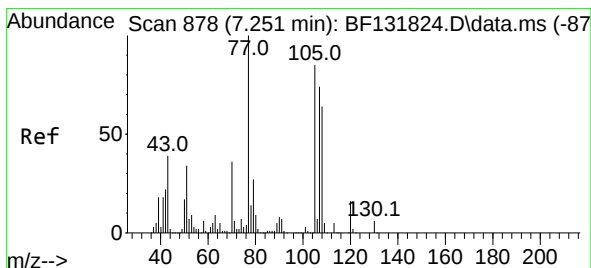
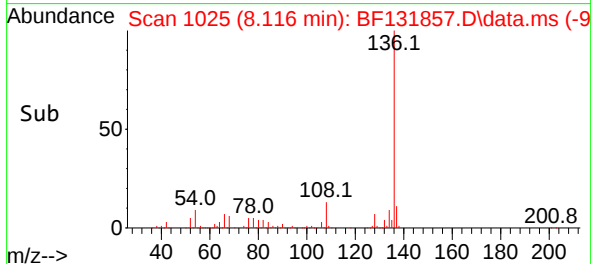
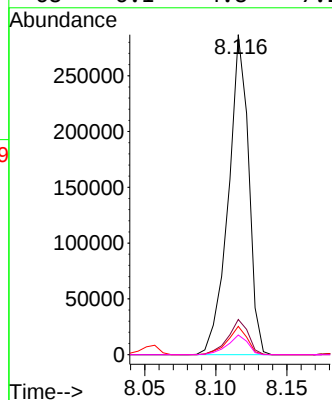
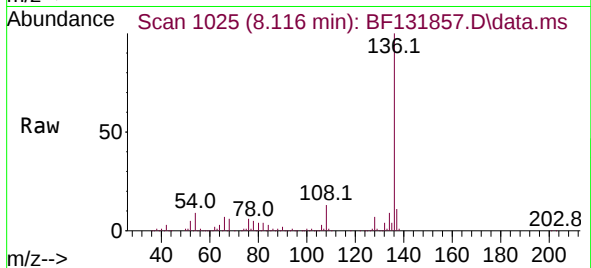
PB149912BS

Tgt Ion:136 Resp: 284483
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.8 6.7 10.1
68 6.1 4.8 7.2

Manual Integrations

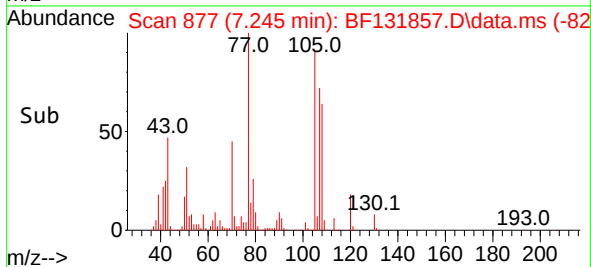
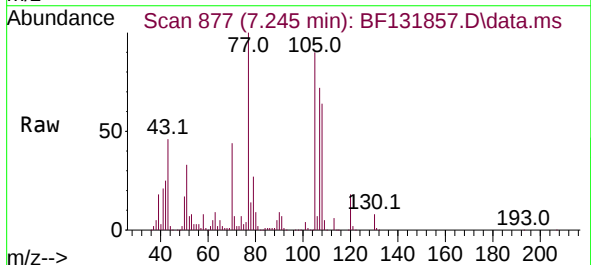
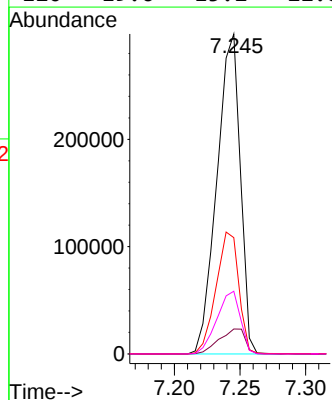
APPROVED

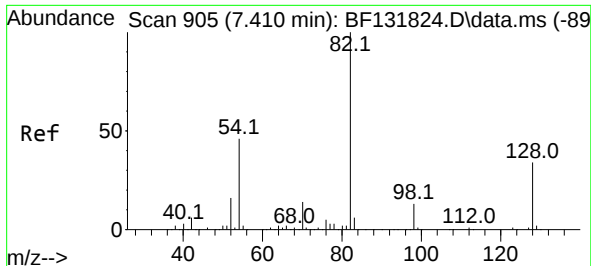
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#22
Acetophenone
Concen: 44.349 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:105 Resp: 369882
Ion Ratio Lower Upper
105 100
71 7.8 5.4 8.0
51 36.3 31.9 47.9
120 19.6 15.2 22.8





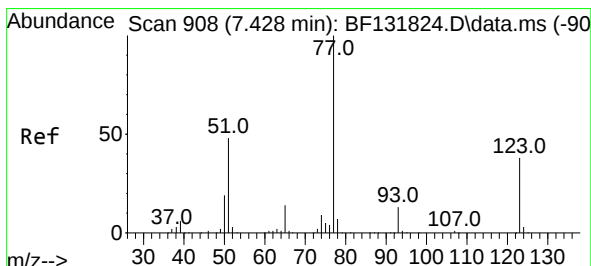
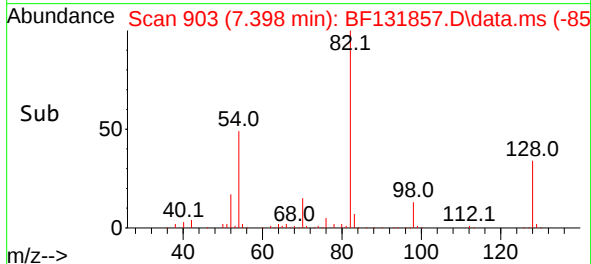
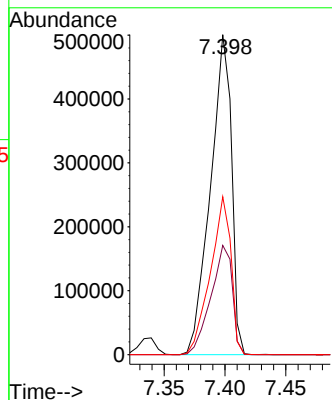
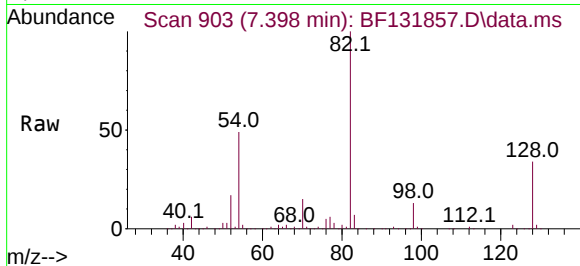
#23
Nitrobenzene-d5
Concen: 84.419 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
BNA_F
Client SampleId :
PB149912BS

Tgt Ion: 82 Resp: 601509
Ion Ratio Lower Upper
82 100
128 34.1 27.1 40.7
54 49.3 37.0 55.6

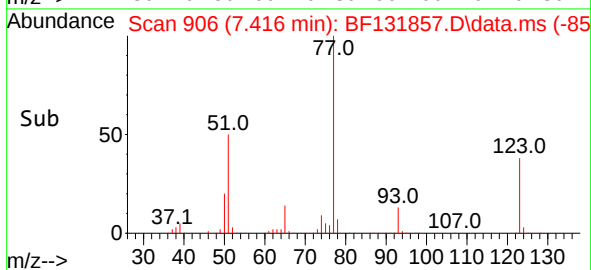
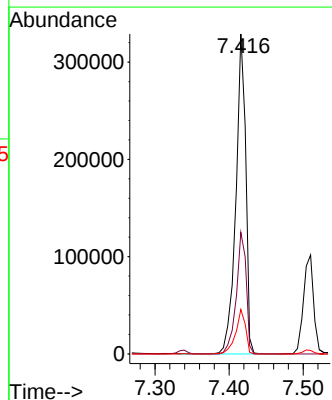
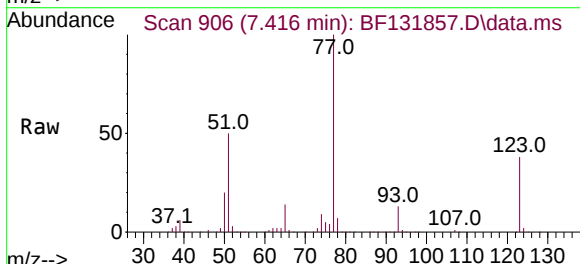
Manual Integrations
APPROVED

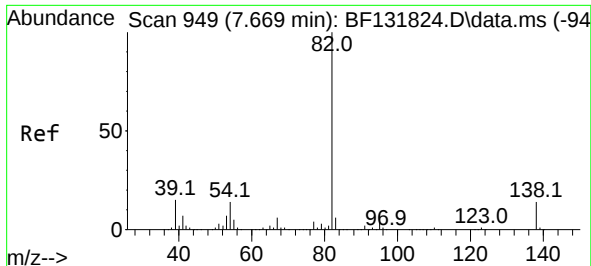
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#24
Nitrobenzene
Concen: 42.700 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion: 77 Resp: 304914
Ion Ratio Lower Upper
77 100
123 38.0 30.4 45.6
65 13.9 11.1 16.7





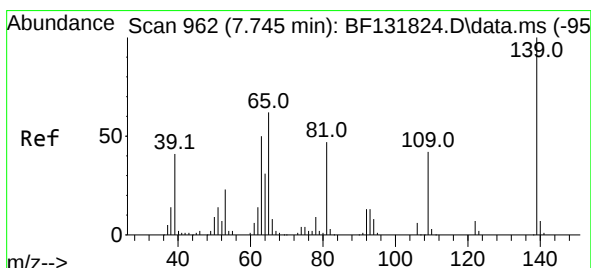
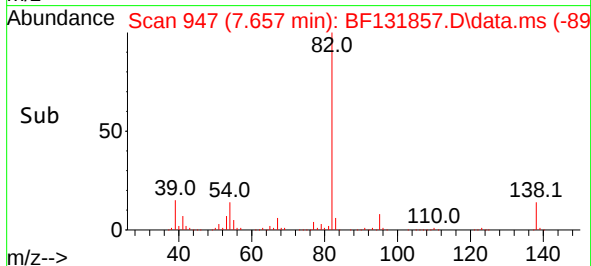
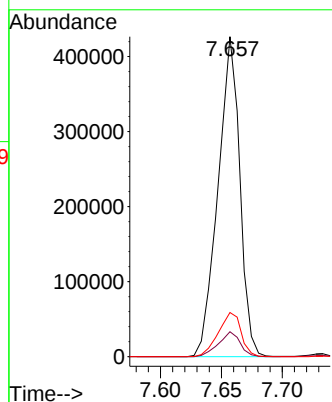
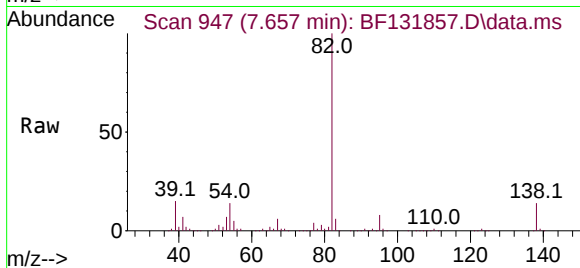
#25
Isophorone
Concen: 45.653 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
BNA_F
ClientSampleId :
PB149912BS

Tgt Ion: 82 Resp: 53122
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 13.8 11.5 17.3

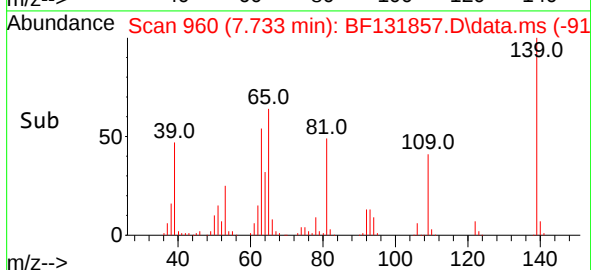
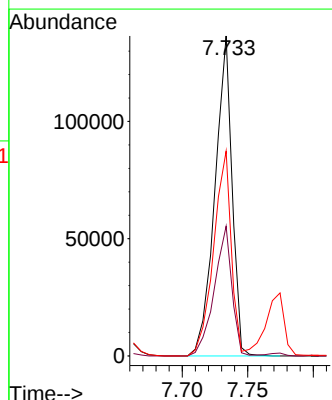
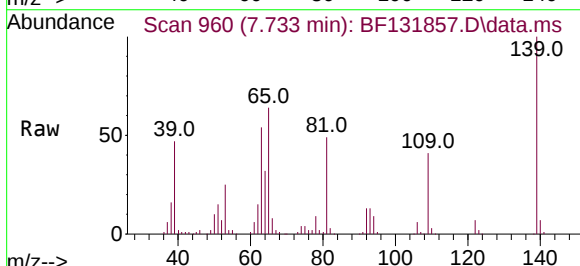
Manual Integrations
APPROVED

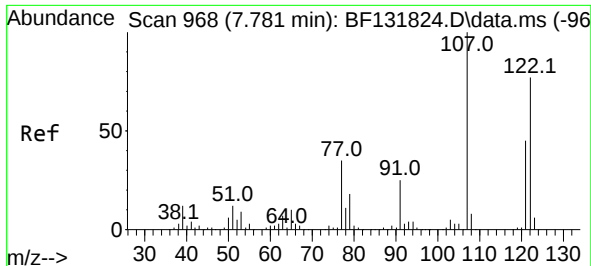
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#26
2-Nitrophenol
Concen: 44.768 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:139 Resp: 124293
Ion Ratio Lower Upper
139 100
109 40.6 33.7 50.5
65 64.0 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 51.191 ng

RT: 7.775 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

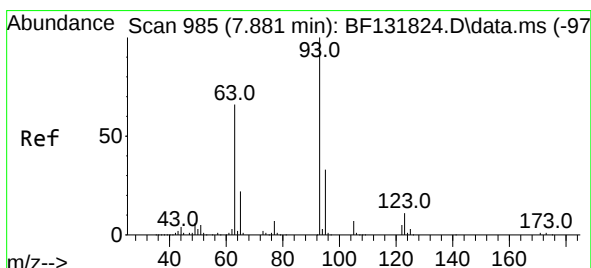
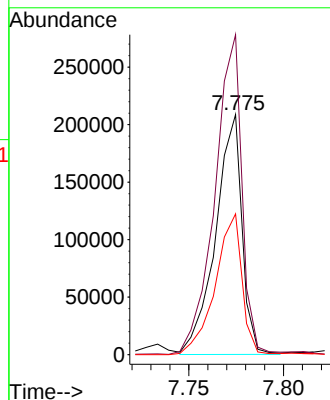
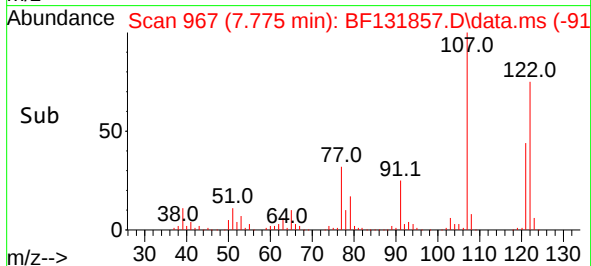
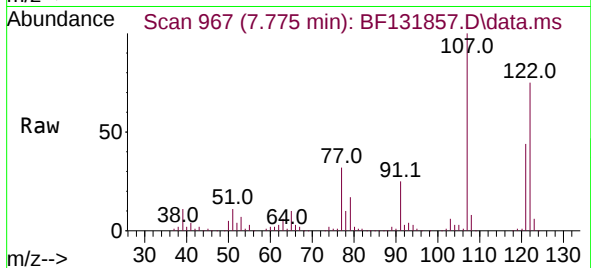
PB149912BS

Tgt Ion:122 Resp: 202733
 Ion Ratio Lower Upper
 122 100
 107 133.3 104.4 156.6
 121 58.6 46.8 70.2

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 46.761 ng

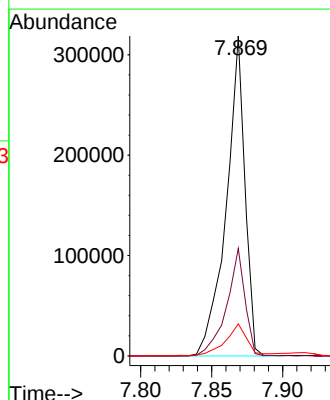
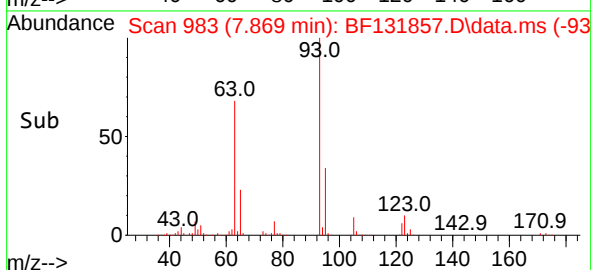
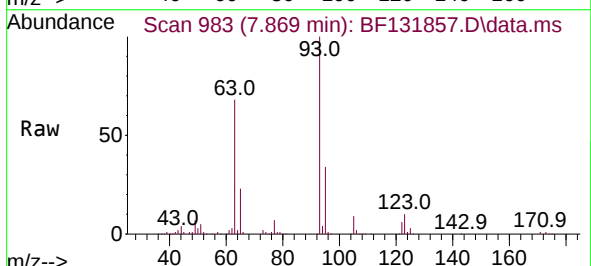
RT: 7.869 min Scan# 983

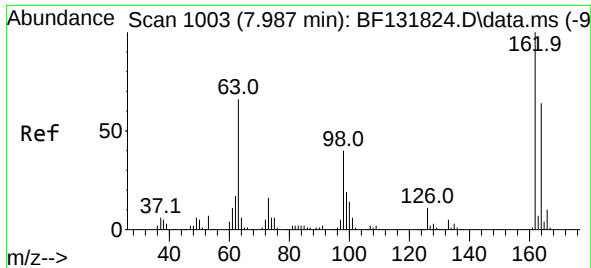
Delta R.T. -0.012 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

Tgt Ion: 93 Resp: 291909
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.3 39.5
 123 10.0 8.7 13.1





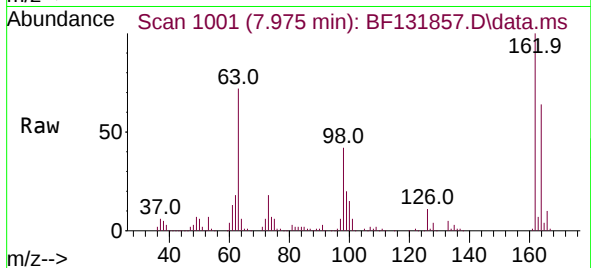
#29
2,4-Dichlorophenol
Concen: 44.006 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

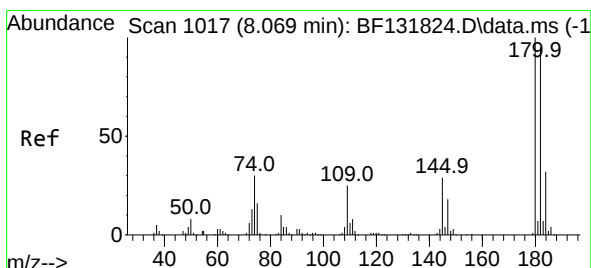
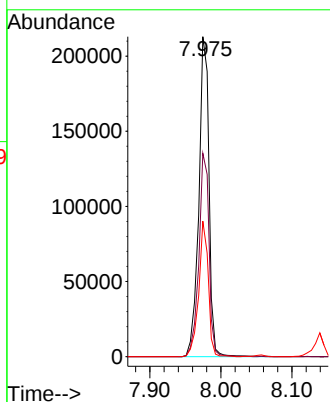
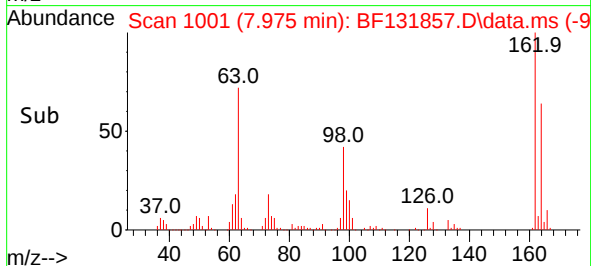


Tgt Ion:162 Resp: 209968
Ion Ratio Lower Upper
162 100
164 63.5 44.1 84.1
98 42.3 19.9 59.9

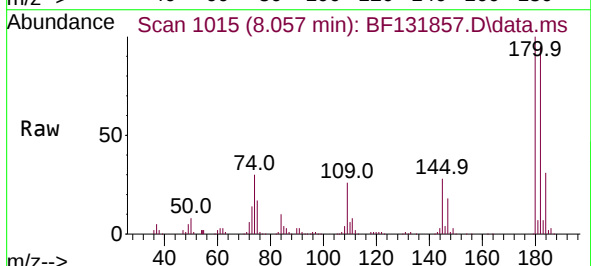
Manual Integrations

APPROVED

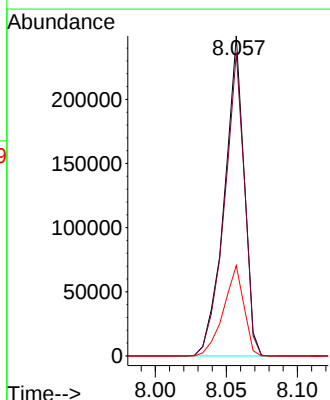
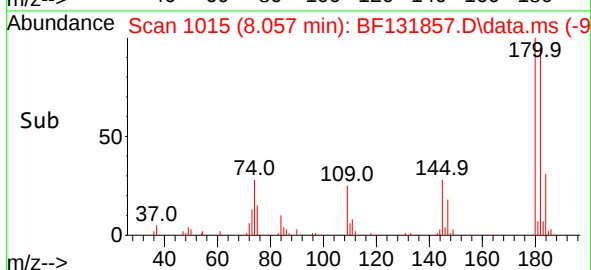
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

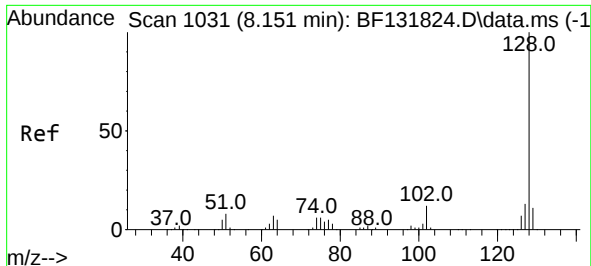


#30
1,2,4-Trichlorobenzene
Concen: 42.734 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion:180 Resp: 241749
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 28.2 23.3 34.9





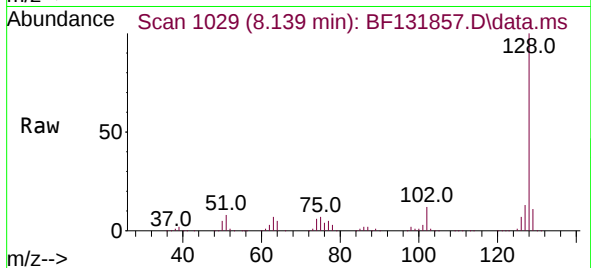
#31
Naphthalene
Concen: 41.883 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

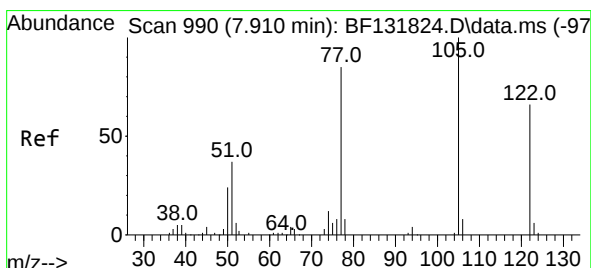
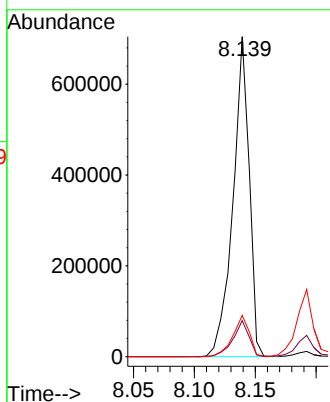
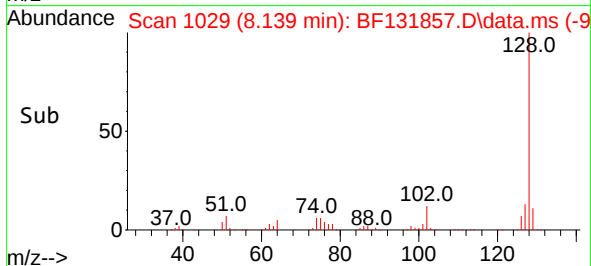


Tgt Ion:128 Resp: 652523
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.9 10.6 15.8

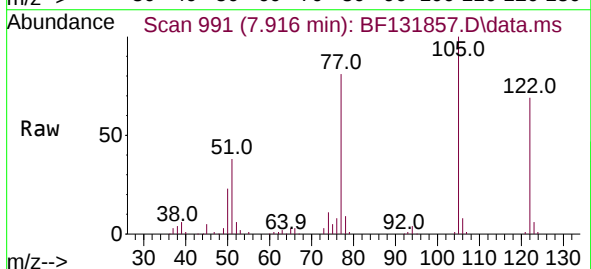
Manual Integrations

APPROVED

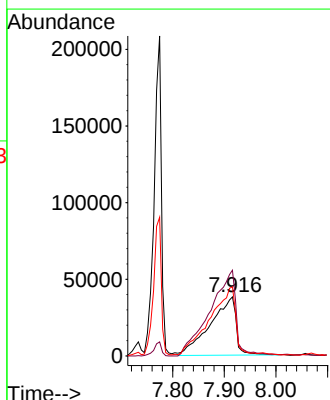
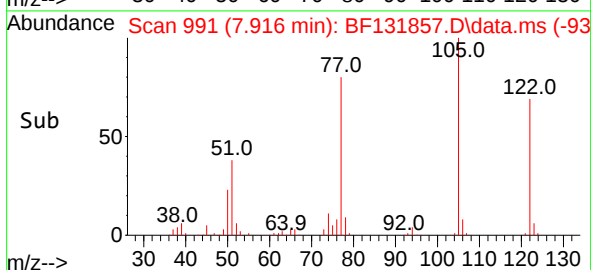
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

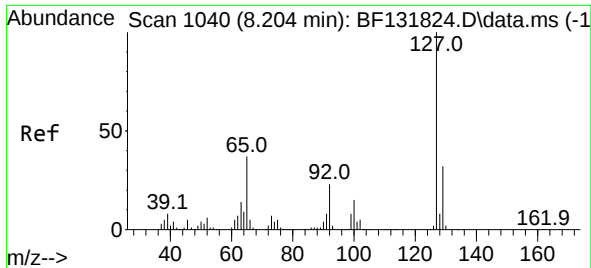


#32
Benzoic acid
Concen: 46.164 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion:122 Resp: 133628
Ion Ratio Lower Upper
122 100
105 145.2 127.9 167.9
77 117.0 106.9 146.9





#33
4-Chloroaniline
Concen: 25.541 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

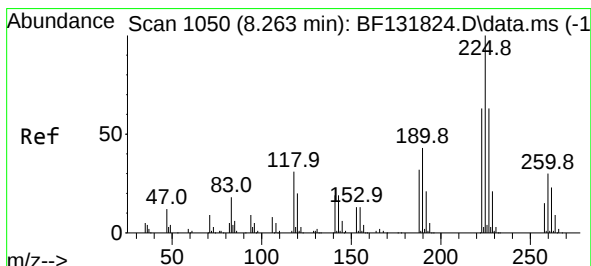
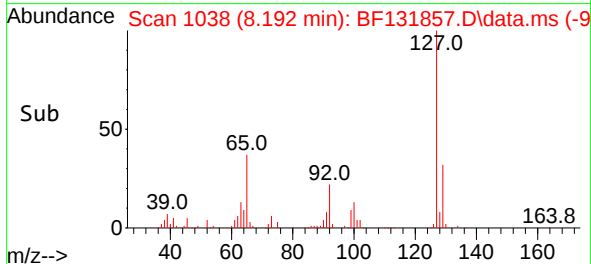
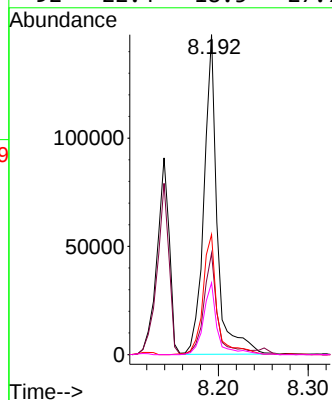
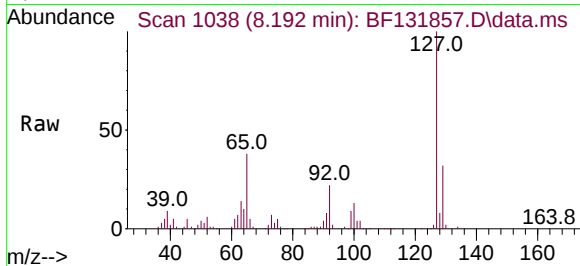
ClientSampleId :

PB149912BS

Tgt Ion:127 Resp: 152684
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 37.5 29.7 44.5
92 22.4 18.5 27.7

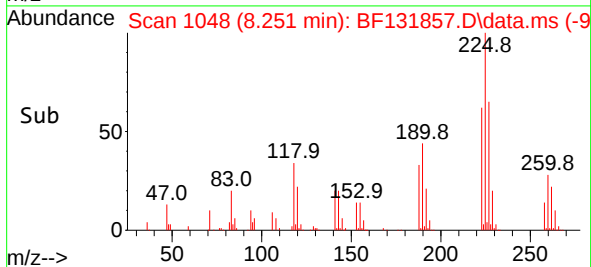
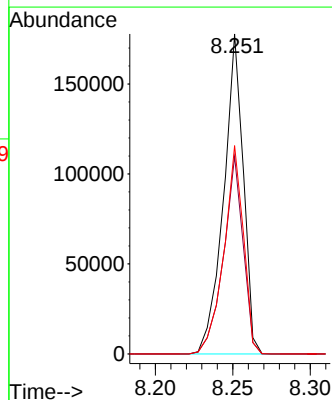
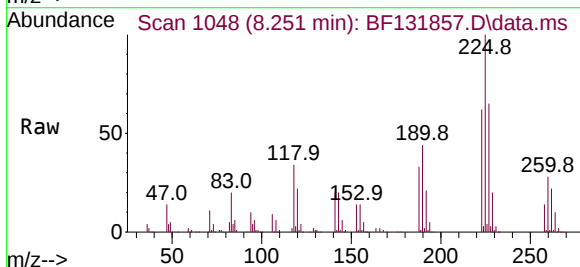
Manual Integrations
APPROVED

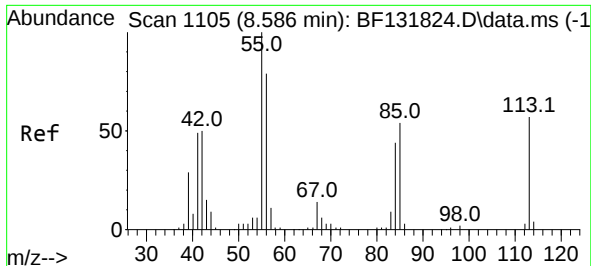
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#34
Hexachlorobutadiene
Concen: 40.489 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

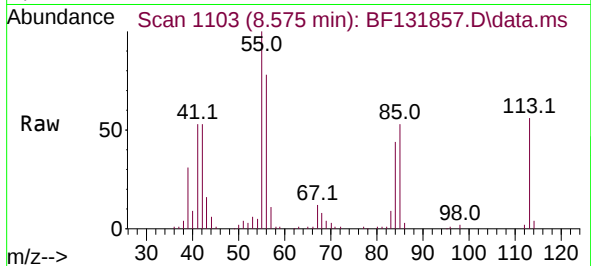
Tgt Ion:225 Resp: 156706
Ion Ratio Lower Upper
225 100
223 61.8 50.0 75.0
227 65.1 50.8 76.2





#35
Caprolactam
Concen: 42.562 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

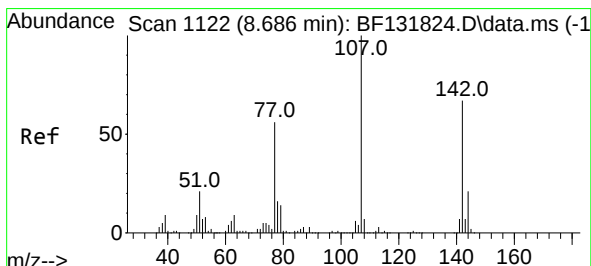
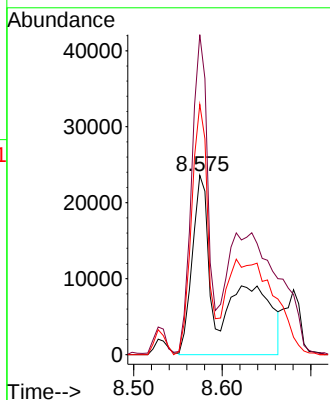
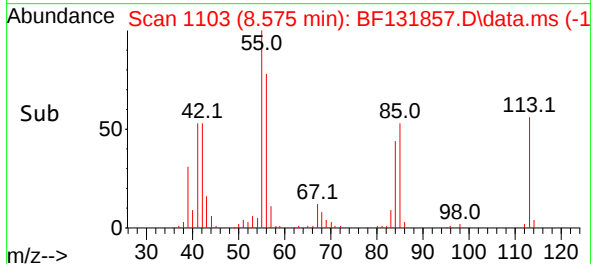
Instrument :
BNA_F
ClientSampleId :
PB149912BS



Tgt Ion:113 Resp: 6012
Ion Ratio Lower Upper
113 100
55 178.5 153.3 193.3
56 139.6 116.3 156.3

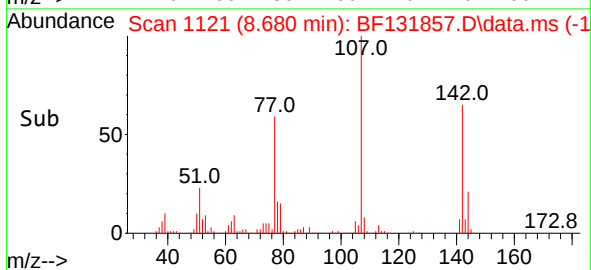
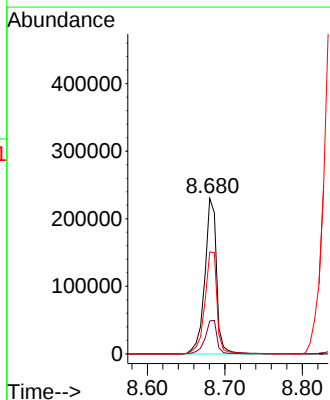
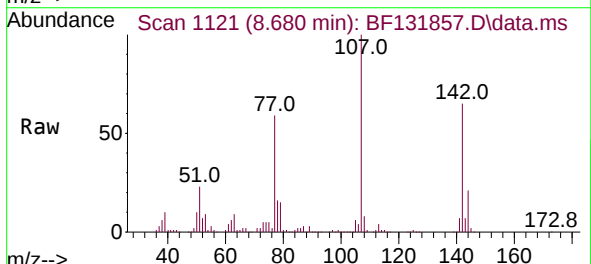
Manual Integrations
APPROVED

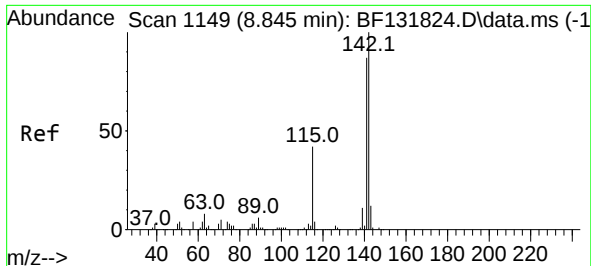
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#36
4-Chloro-3-methylphenol
Concen: 45.063 ng
RT: 8.680 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:107 Resp: 243005
Ion Ratio Lower Upper
107 100
144 21.1 16.8 25.2
142 65.4 53.8 80.8





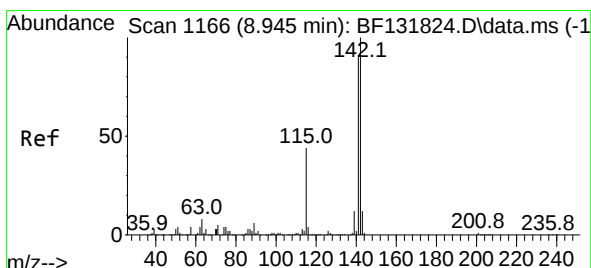
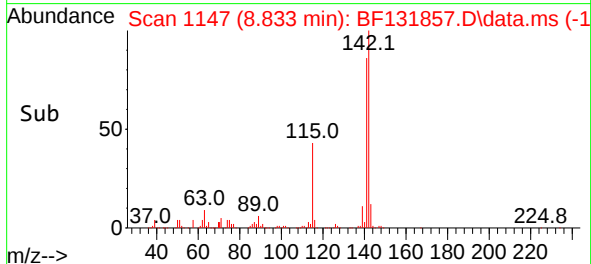
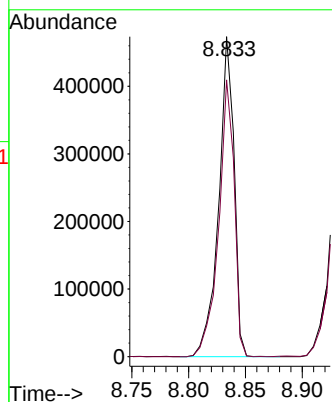
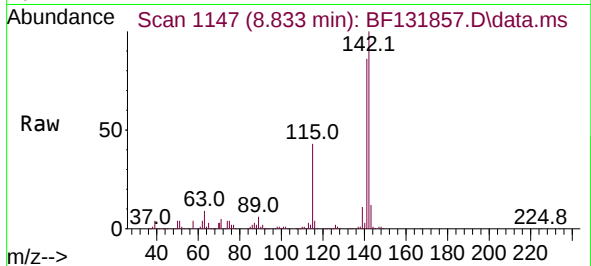
#37
2-Methylnaphthalene
Concen: 42.537 ng
RT: 8.833 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
BNA_F
ClientSampleId :
PB149912BS

Tgt Ion:142 Resp: 444785
Ion Ratio Lower Upper
142 100
141 86.5 69.8 104.8

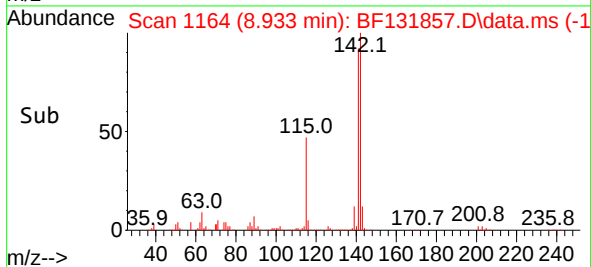
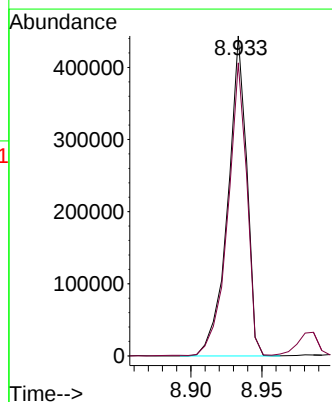
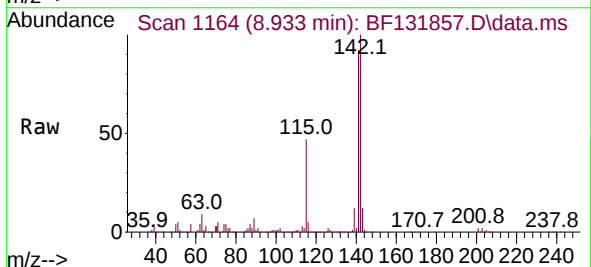
Manual Integrations
APPROVED

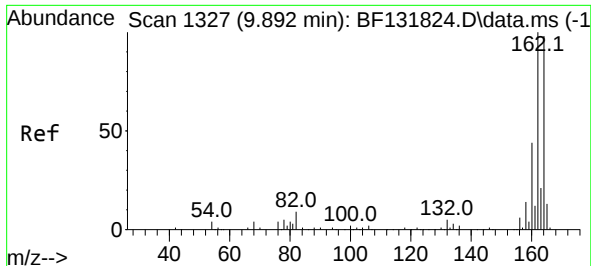
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#38
1-Methylnaphthalene
Concen: 40.406 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:142 Resp: 410387
Ion Ratio Lower Upper
142 100
141 91.6 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: BF131857.D

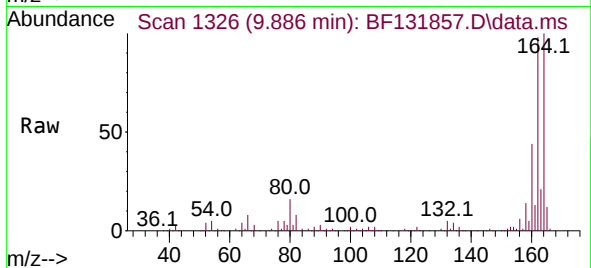
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS



Tgt Ion:164 Resp: 167268

Ion Ratio Lower Upper

164 100

162 98.4 81.8 122.6

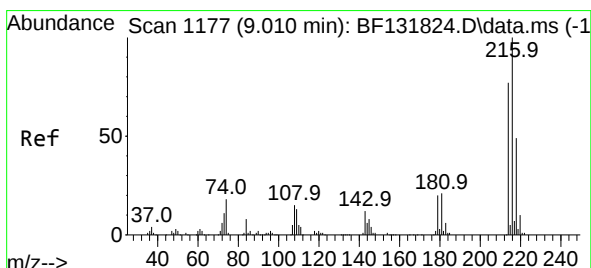
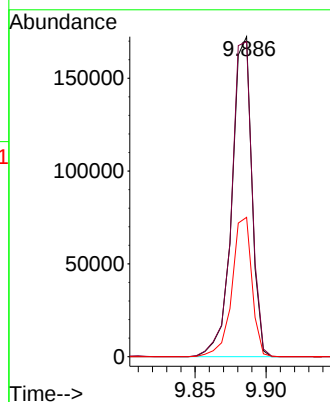
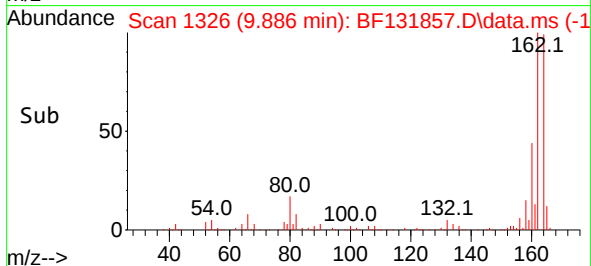
160 43.5 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.276 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

Tgt Ion:216 Resp: 254165

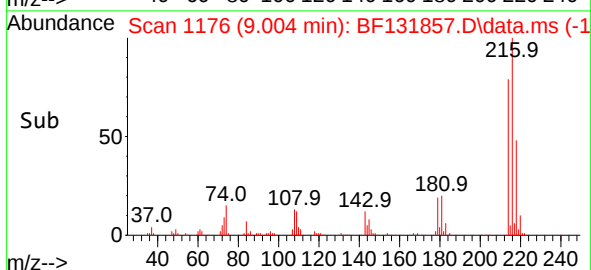
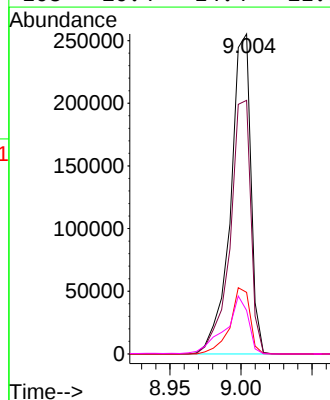
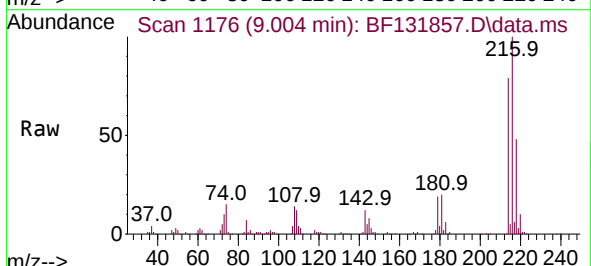
Ion Ratio Lower Upper

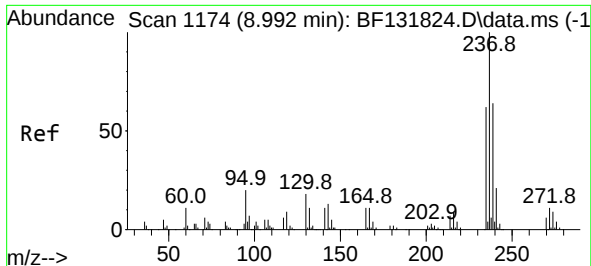
216 100

214 80.2 63.0 94.4

179 20.2 16.4 24.6

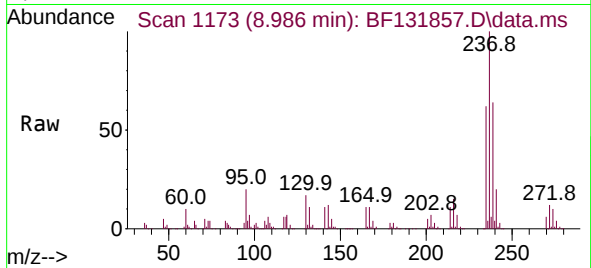
108 20.4 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 108.095 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

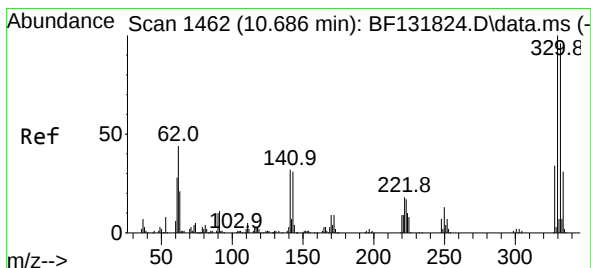
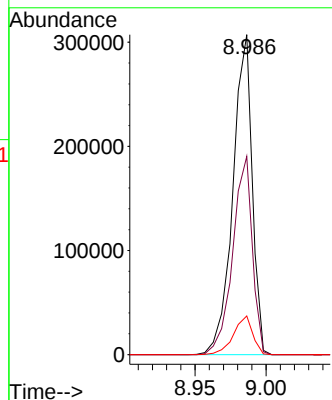
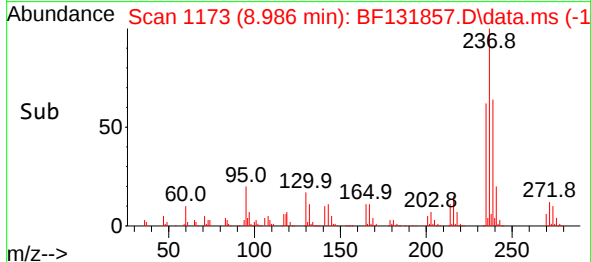
Instrument :
BNA_F
ClientSampleId :
PB149912BS



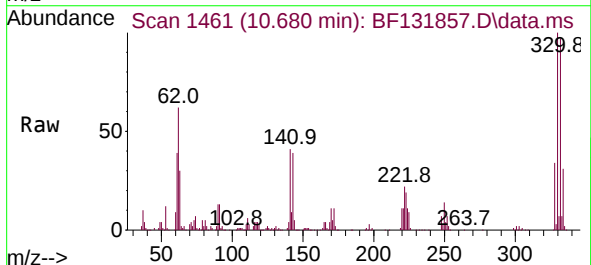
Tgt Ion: 237 Resp: 290027
Ion Ratio Lower Upper
237 100
235 61.9 42.3 82.3
272 12.1 0.0 31.4

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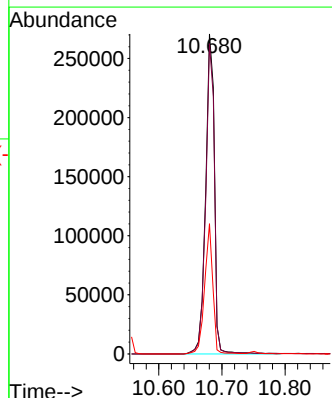
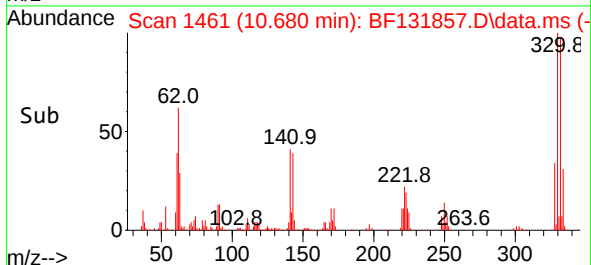
Reviewed By : Christian Giraldo 12/29/2022
Supervised By : Jagrut Upadhyay 01/03/2023

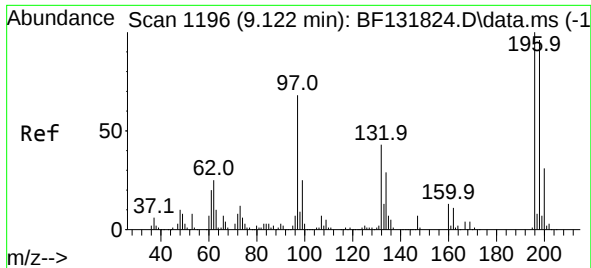


#42
2,4,6-Tribromophenol
Concen: 143.032 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion: 330 Resp: 259943
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 38.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 41.938 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

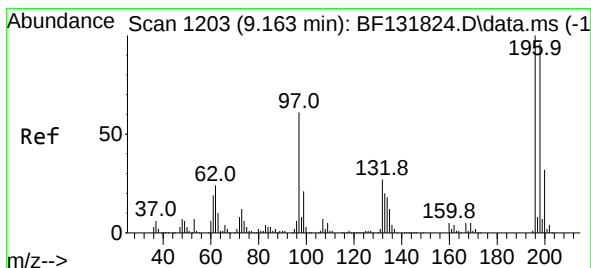
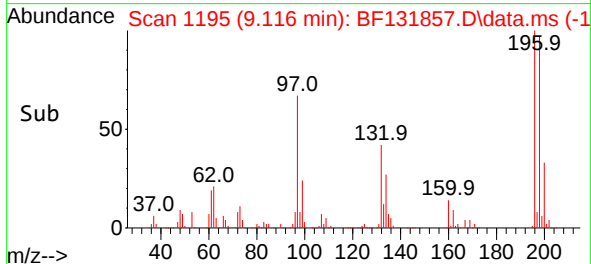
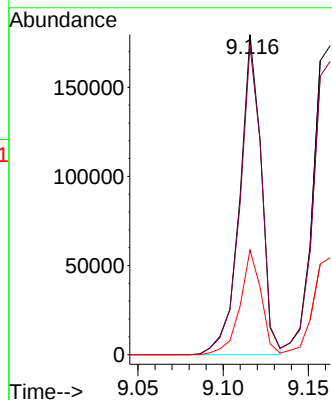
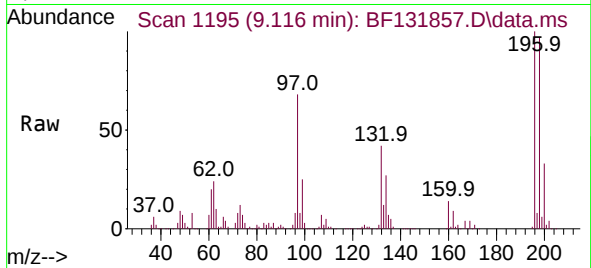
PB149912BS

Tgt Ion:196 Resp: 157756
Ion Ratio Lower Upper
196 100
198 96.7 76.5 114.7
200 32.7 24.5 36.7

Manual Integrations

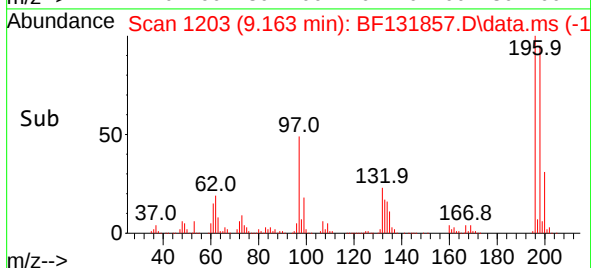
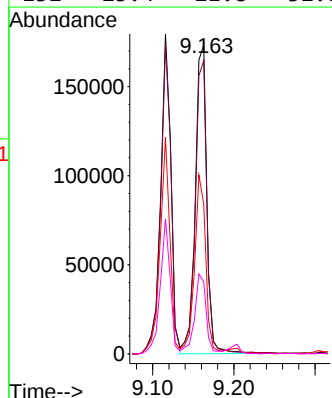
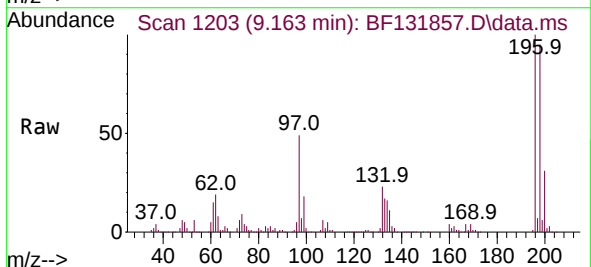
APPROVED

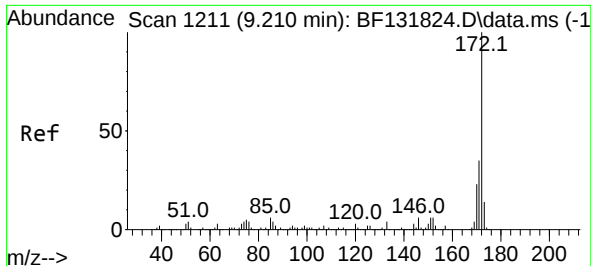
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#44
2,4,5-Trichlorophenol
Concen: 42.101 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:196 Resp: 171191
Ion Ratio Lower Upper
196 100
198 94.9 76.6 115.0
97 48.5 49.3 73.9#
132 23.4 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 84.381 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

Tgt Ion:172 Resp: 103044

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

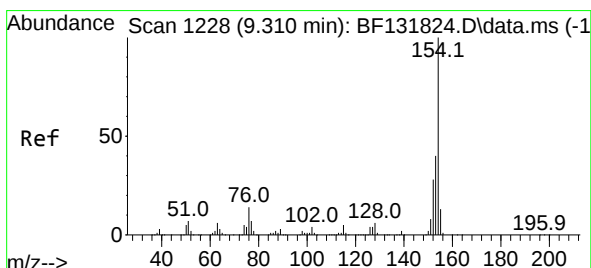
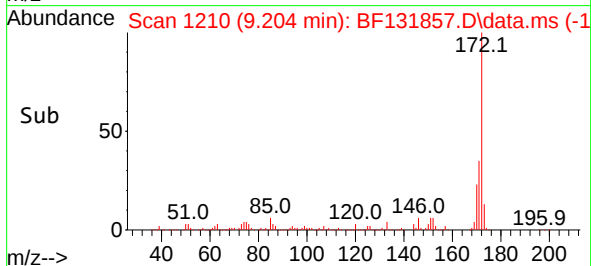
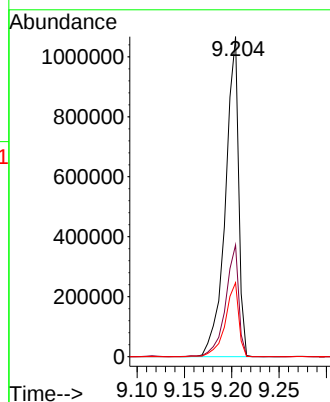
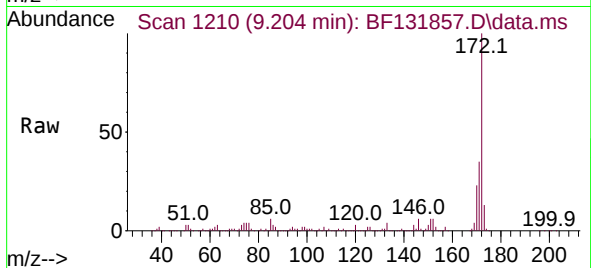
170 23.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#46

1,1'-Biphenyl

Concen: 43.473 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

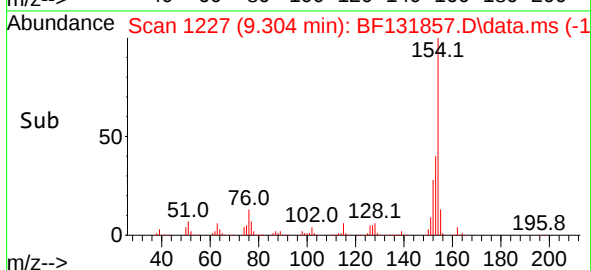
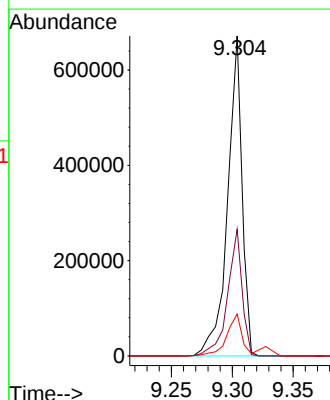
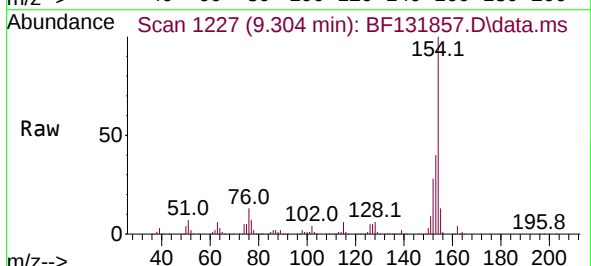
Tgt Ion:154 Resp: 556718

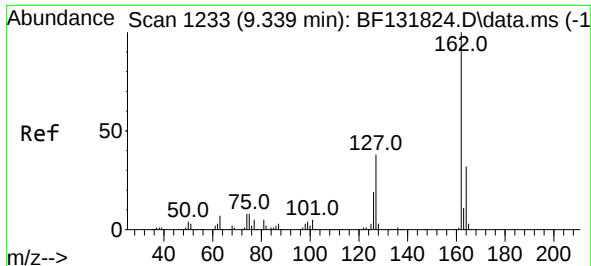
Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

76 13.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.279 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.012 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

Tgt Ion:162 Resp: 447932

Ion Ratio Lower Upper

162 100

127 41.0 31.0 46.6

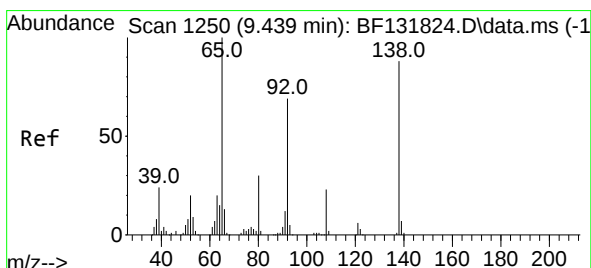
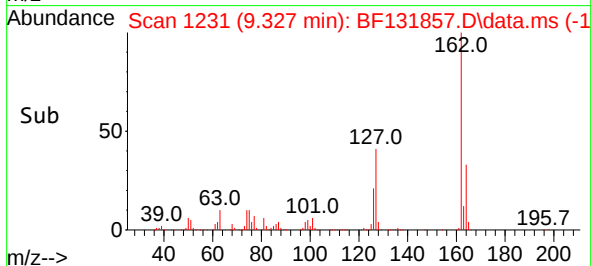
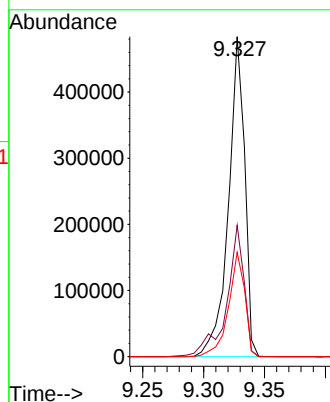
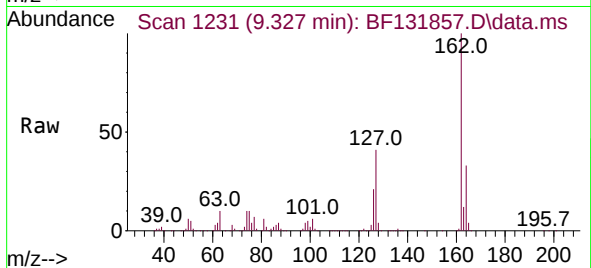
164 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#48

2-Nitroaniline

Concen: 42.566 ng

RT: 9.433 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

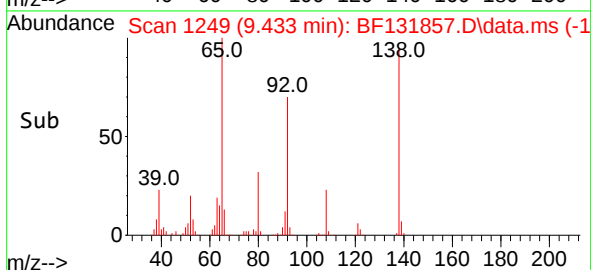
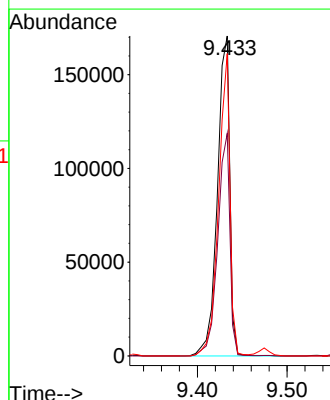
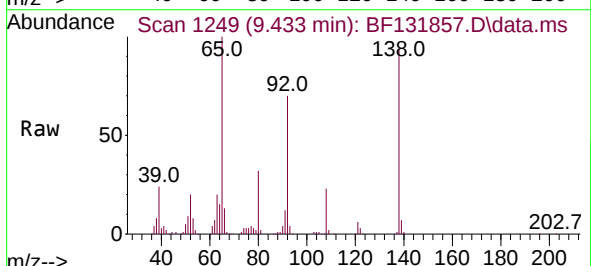
Tgt Ion: 65 Resp: 165300

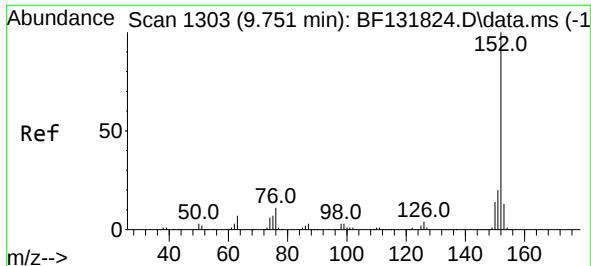
Ion Ratio Lower Upper

65 100

92 69.5 55.0 82.6

138 94.5 70.4 105.6





#49
Acenaphthylene
Concen: 42.772 ng
RT: 9.745 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

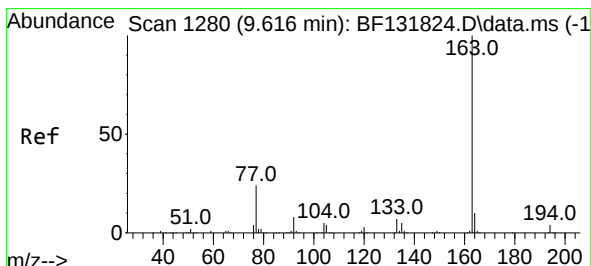
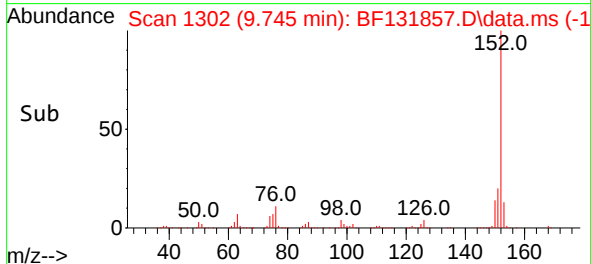
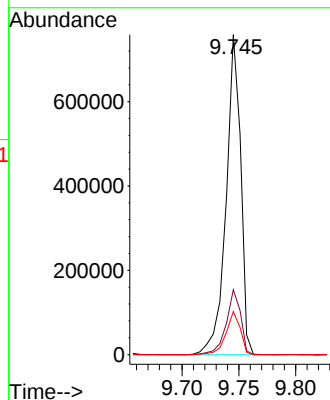
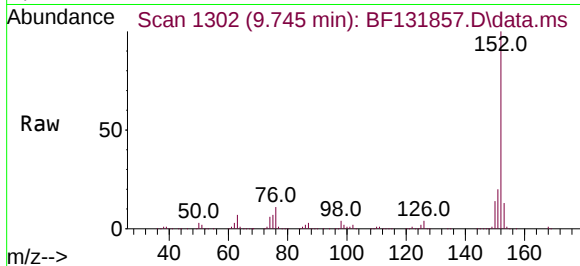
ClientSampleId :

PB149912BS

Tgt Ion:152 Resp: 674753
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.5 10.2 15.4

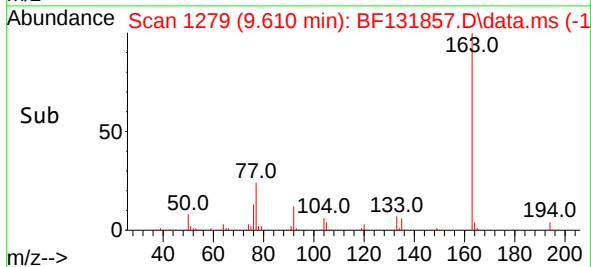
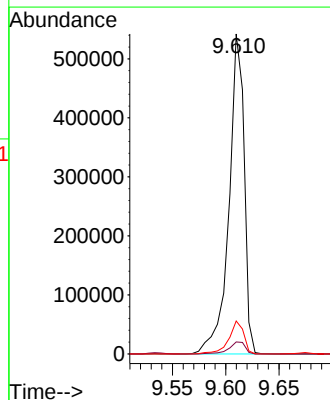
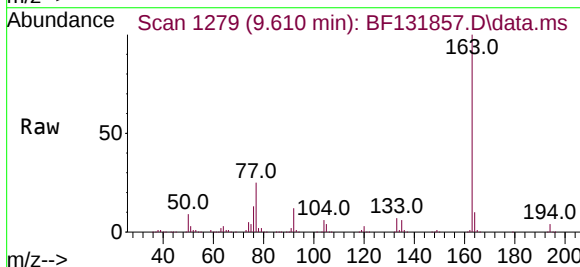
Manual Integrations
APPROVED

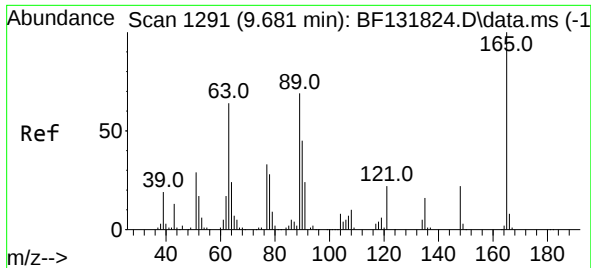
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#50
Dimethylphthalate
Concen: 42.530 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:163 Resp: 538185
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 8.2 12.4





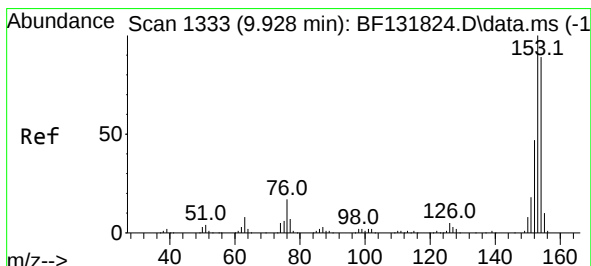
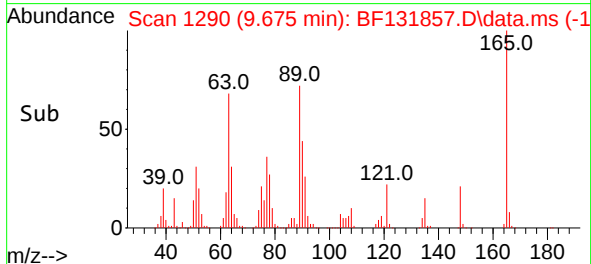
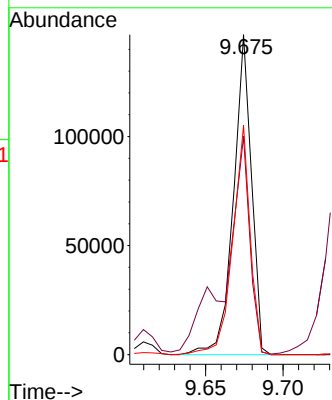
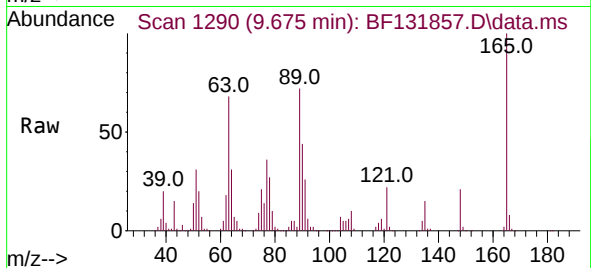
#51
2,6-Dinitrotoluene
Concen: 43.202 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
BNA_F
ClientSampleId :
PB149912BS

Tgt Ion:165 Resp: 118345
Ion Ratio Lower Upper
165 100
63 68.3 55.1 82.7
89 71.6 55.0 82.4

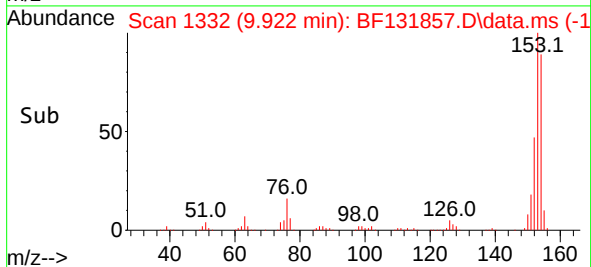
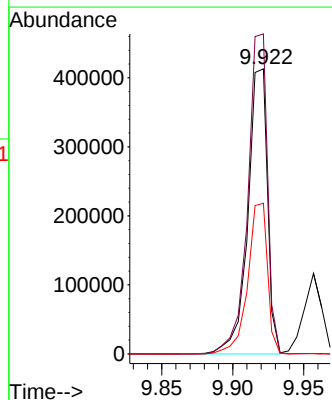
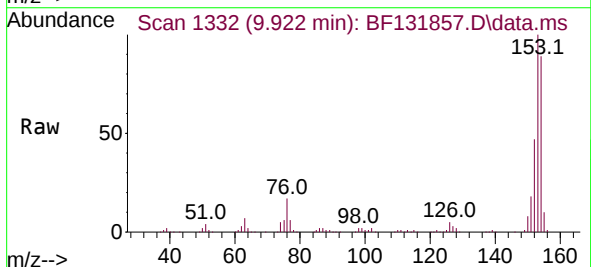
Manual Integrations
APPROVED

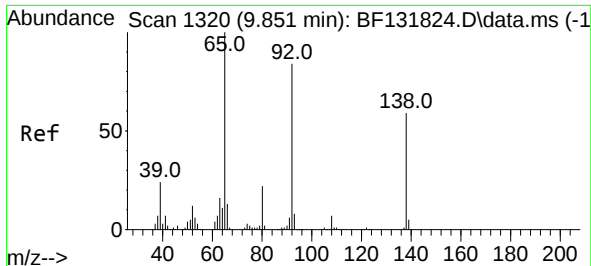
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#52
Acenaphthene
Concen: 41.826 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:154 Resp: 398228
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.2
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 28.989 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

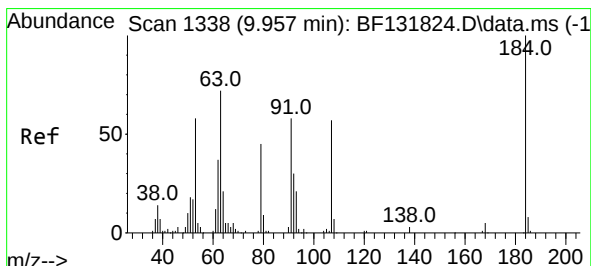
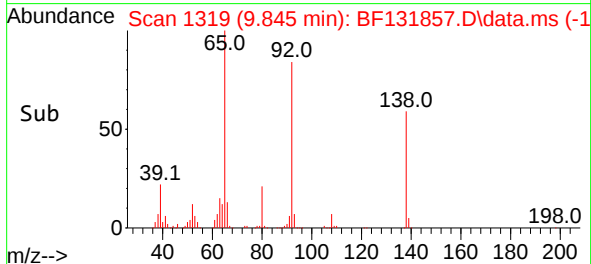
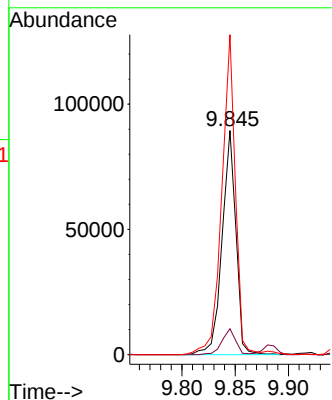
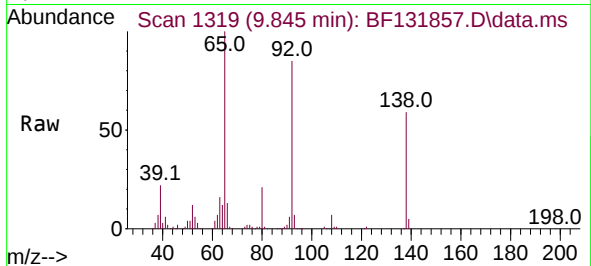
PB149912BS

Tgt Ion:138 Resp: 80916
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 142.8 113.9 170.9

Manual Integrations

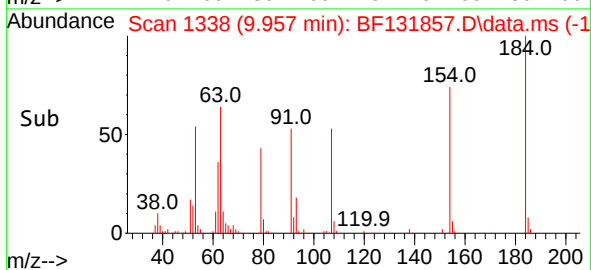
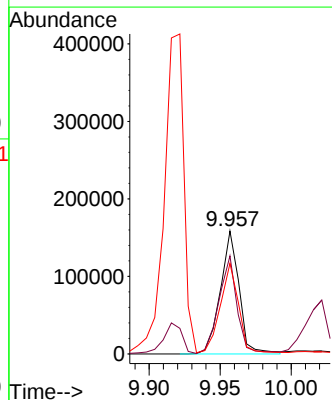
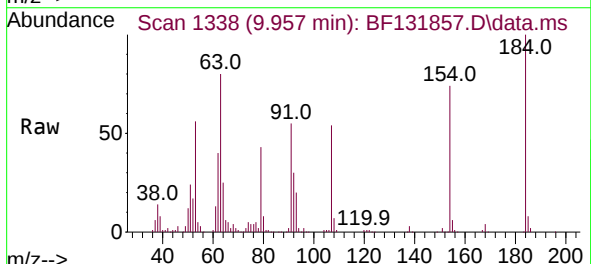
APPROVED

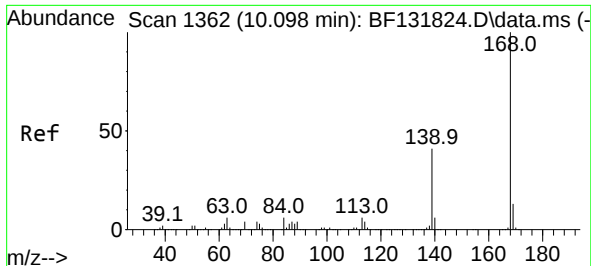
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#54
2,4-Dinitrophenol
Concen: 92.136 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

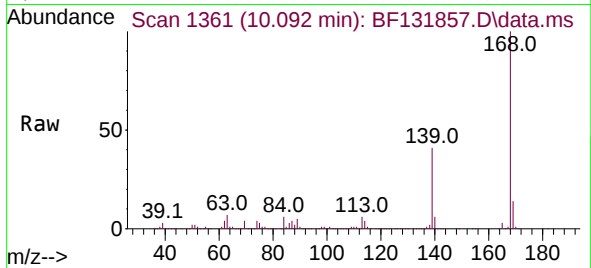
Tgt Ion:184 Resp: 145246
Ion Ratio Lower Upper
184 100
63 79.8 66.8 100.2
154 73.6 61.6 92.4





#55
Dibenzenofuran
Concen: 42.425 ng
RT: 10.092 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

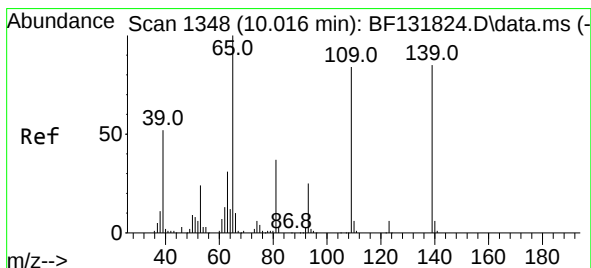
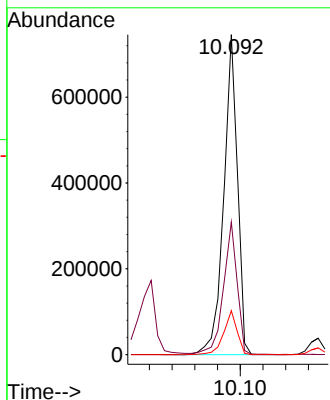
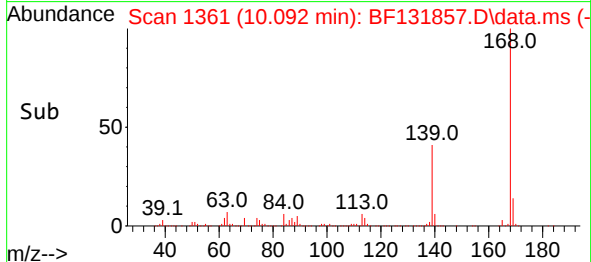
Instrument :
BNA_F
ClientSampleId :
PB149912BS



Tgt Ion:168 Resp: 622337
Ion Ratio Lower Upper
168 100
139 41.4 32.6 49.0
169 13.8 10.5 15.7

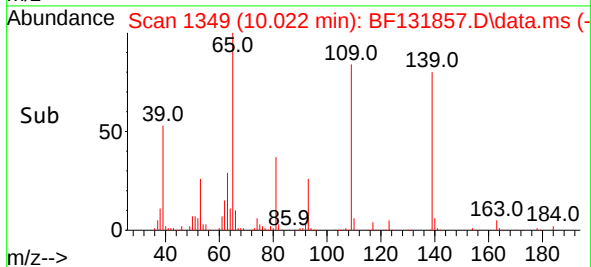
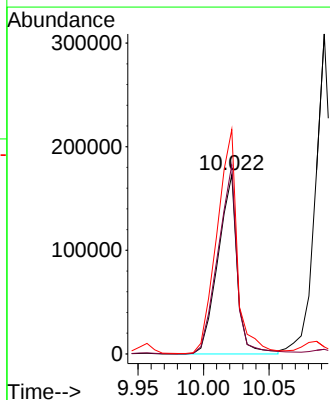
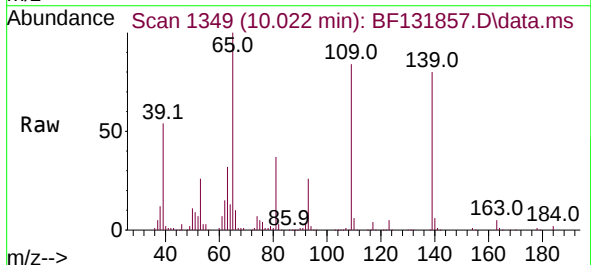
Manual Integrations
APPROVED

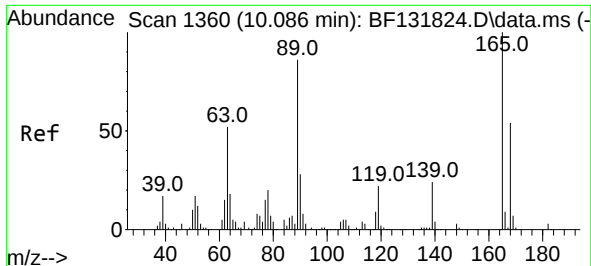
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#56
4-Nitrophenol
Concen: 90.203 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:139 Resp: 176374
Ion Ratio Lower Upper
139 100
109 105.6 78.5 118.5
65 125.3 97.5 137.5





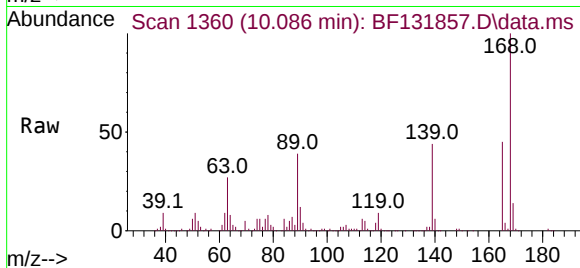
#57
2,4-Dinitrotoluene
Concen: 44.223 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

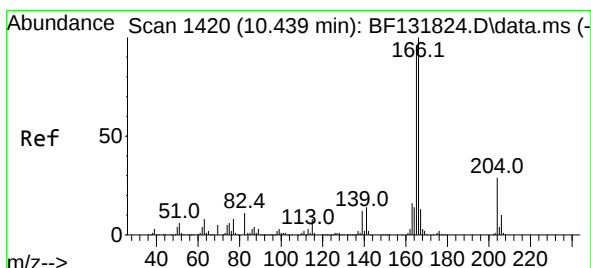
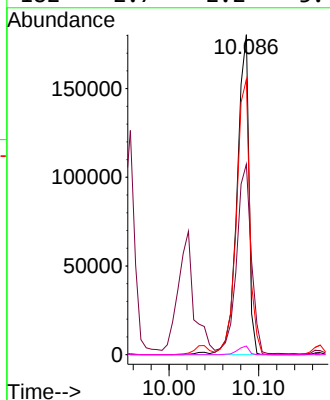
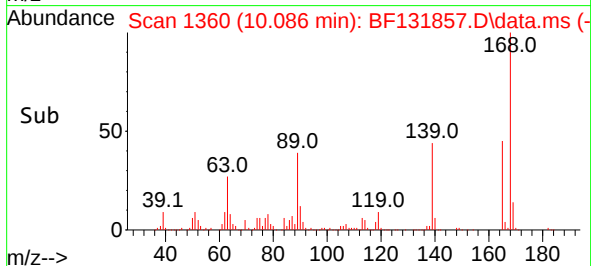


Tgt Ion:165 Resp: 165679
Ion Ratio Lower Upper
165 100
63 59.5 42.1 63.1
89 86.0 69.1 103.7
182 2.7 2.2 3.4

Manual Integrations

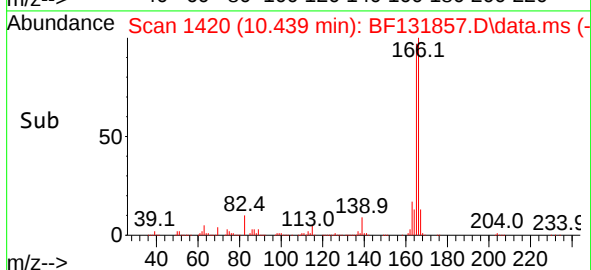
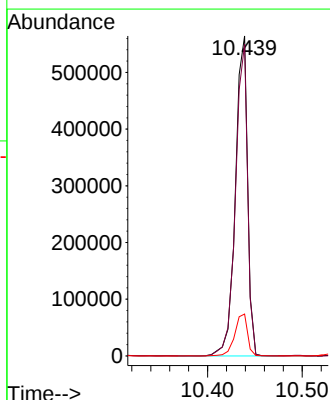
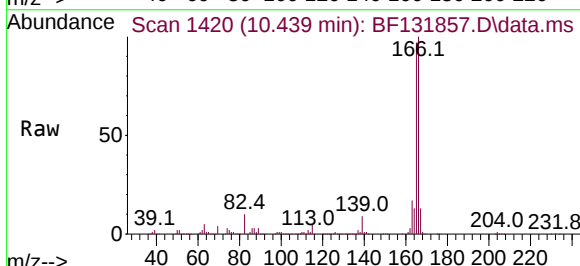
APPROVED

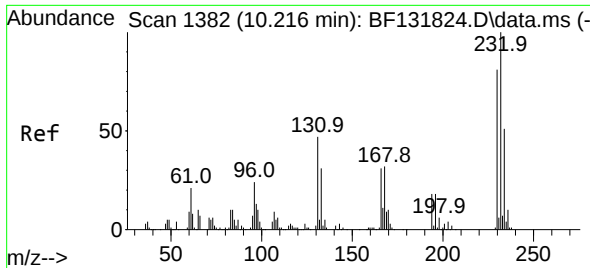
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#58
Fluorene
Concen: 42.314 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:166 Resp: 506733
Ion Ratio Lower Upper
166 100
165 97.4 77.0 115.4
167 13.1 10.4 15.6





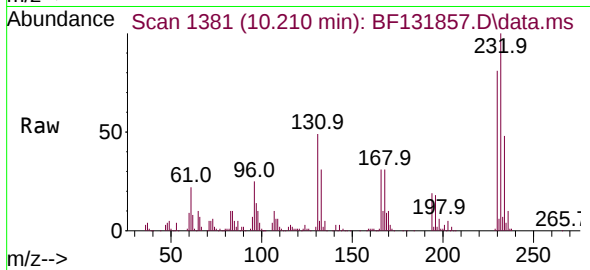
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.229 ng m
RT: 10.210 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

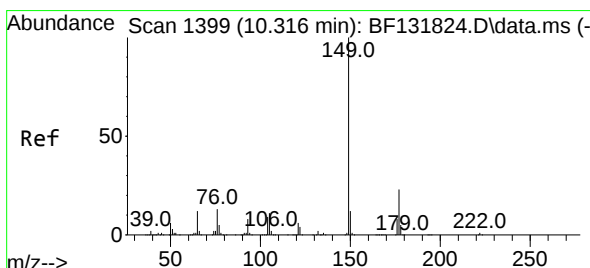
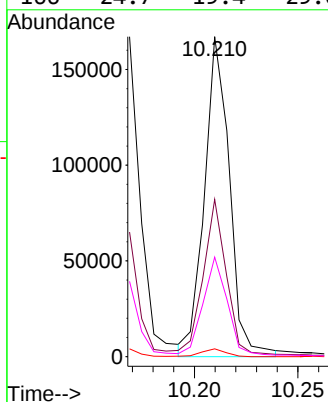
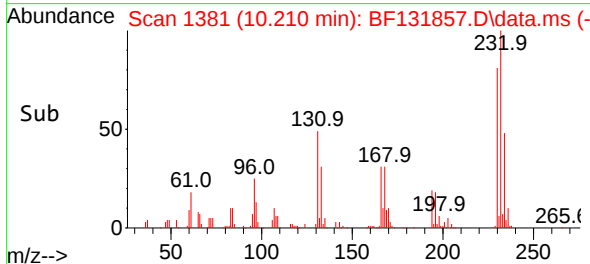


Tgt Ion:232 Resp: 140910
Ion Ratio Lower Upper
232 100
131 40.3 30.1 45.1
130 2.4 1.8 2.6
166 24.7 19.4 29.0

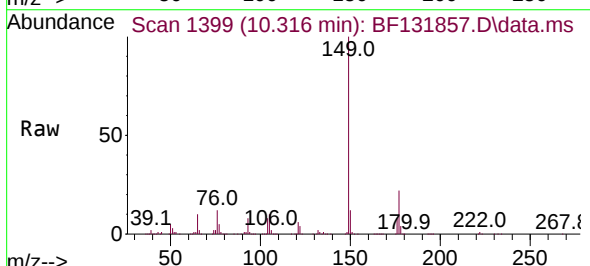
Manual Integrations

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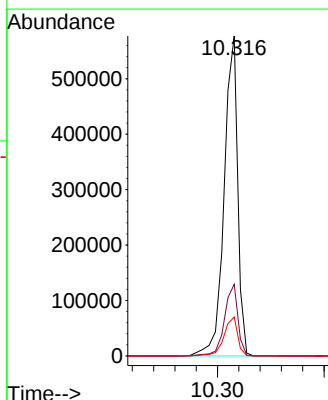
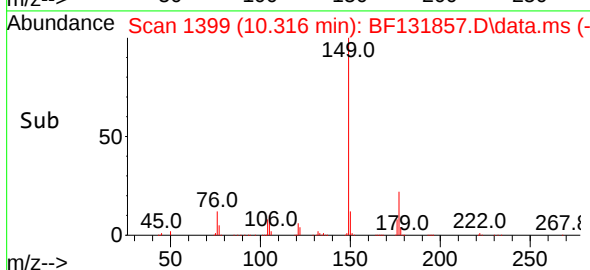
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

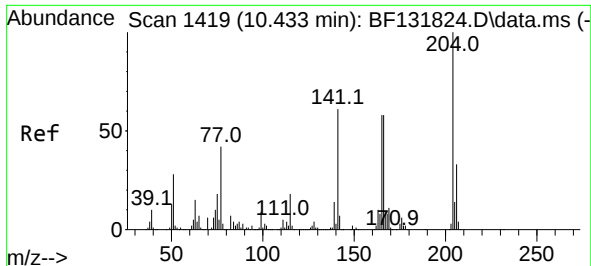


#60
Diethylphthalate
Concen: 41.968 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion:149 Resp: 511141
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 12.1 9.8 14.8





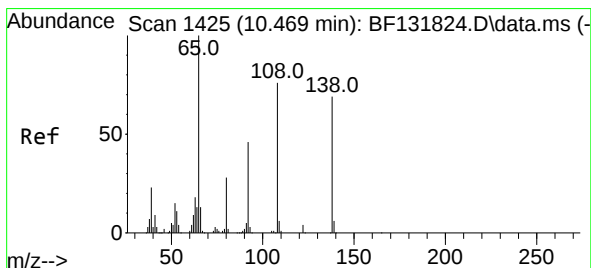
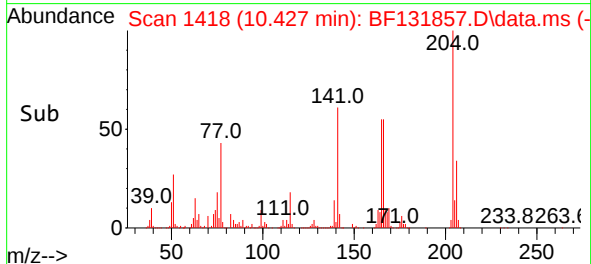
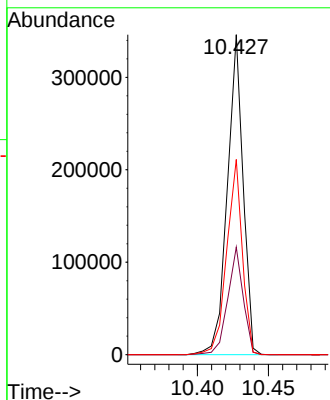
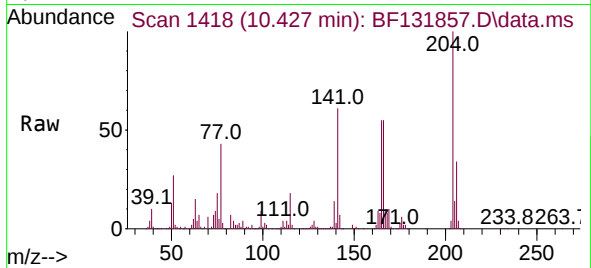
#61
4-Chlorophenyl-phenylether
Concen: 42.982 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
BNA_F
ClientSampleId :
PB149912BS

Tgt Ion:204 Resp: 267583
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 61.0 49.0 73.4

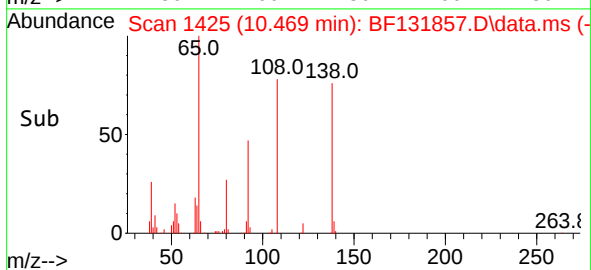
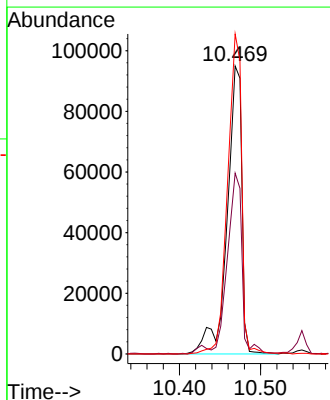
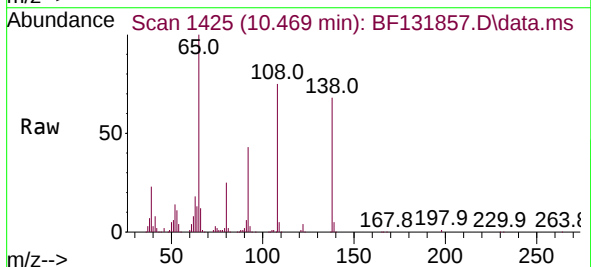
Manual Integrations
APPROVED

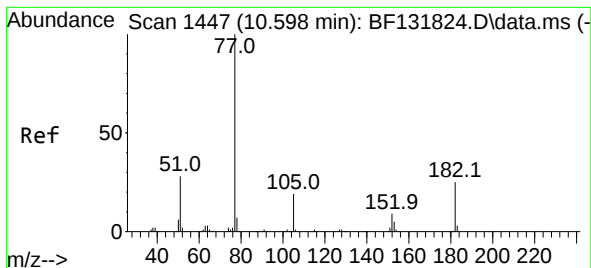
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#62
4-Nitroaniline
Concen: 41.060 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:138 Resp: 119443
Ion Ratio Lower Upper
138 100
92 62.8 47.2 87.2
108 111.2 89.2 129.2





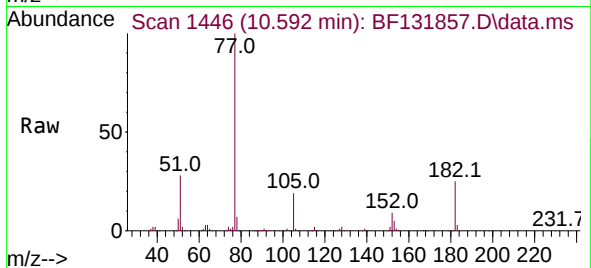
#63
Azobenzene
Concen: 42.018 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

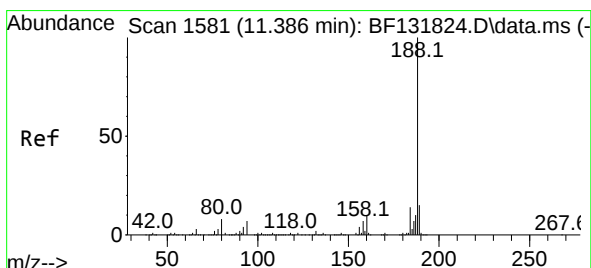
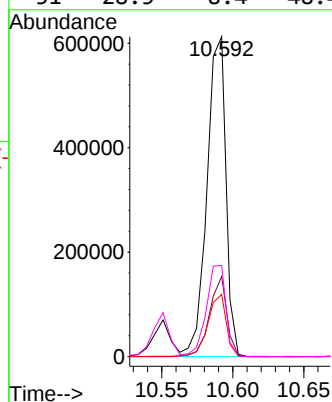
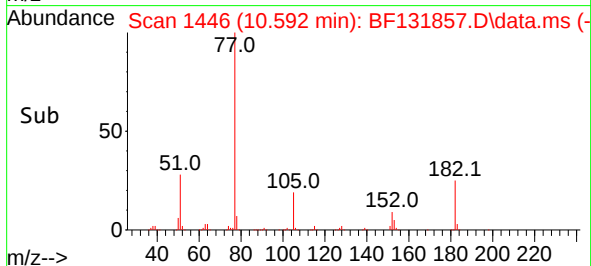


Tgt Ion: 77 Resp: 56794
Ion Ratio Lower Upper
77 100
182 25.0 5.0 45.0
105 19.5 0.0 39.4
51 28.5 8.4 48.4

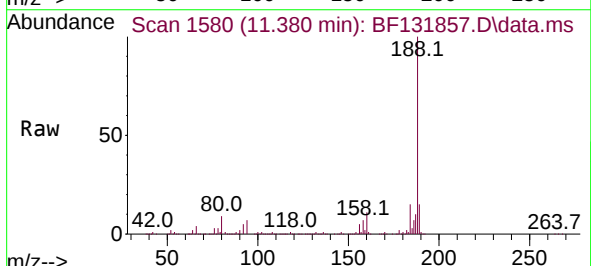
Manual Integrations

APPROVED

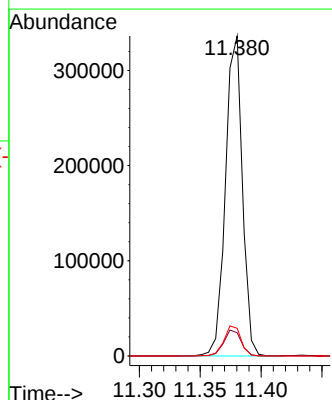
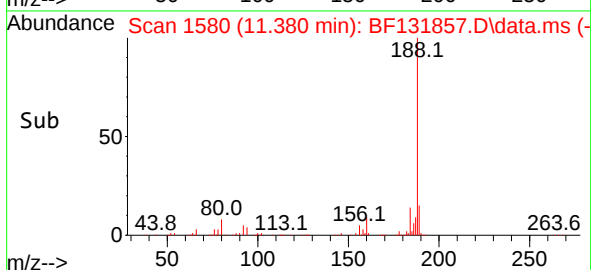
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

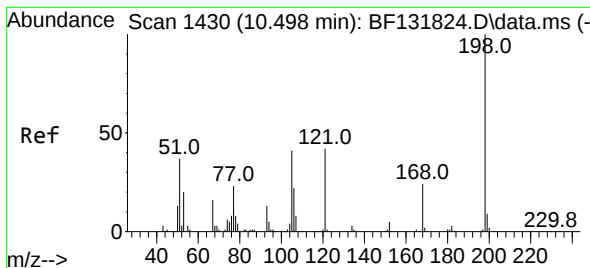


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion:188 Resp: 324702
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 8.6 6.7 10.1





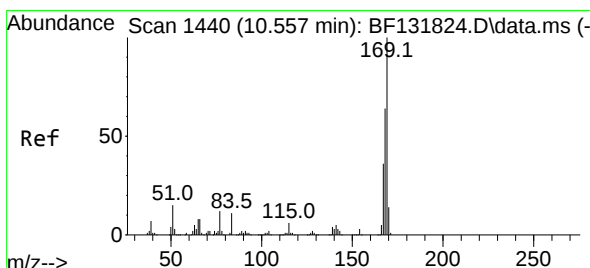
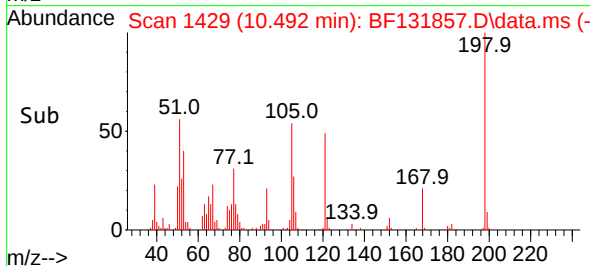
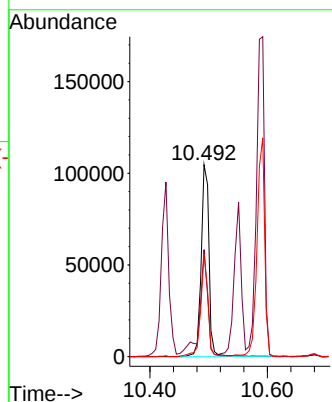
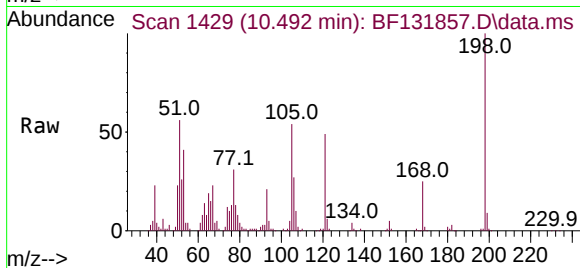
#65
4,6-Dinitro-2-methylphenol
Concen: 43.571 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
BNA_F
ClientSampleId :
PB149912BS

Tgt Ion:198 Resp: 96325
Ion Ratio Lower Upper
198 100
51 55.7 21.6 61.6
105 53.5 22.0 62.0

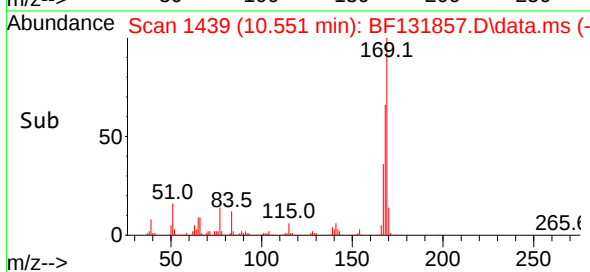
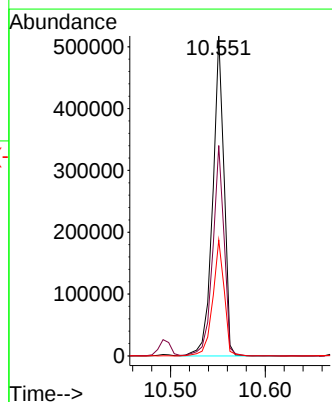
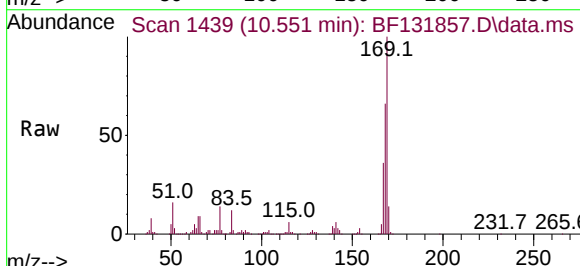
Manual Integrations
APPROVED

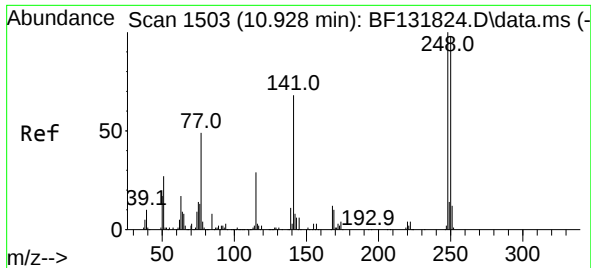
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#66
n-Nitrosodiphenylamine
Concen: 43.308 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

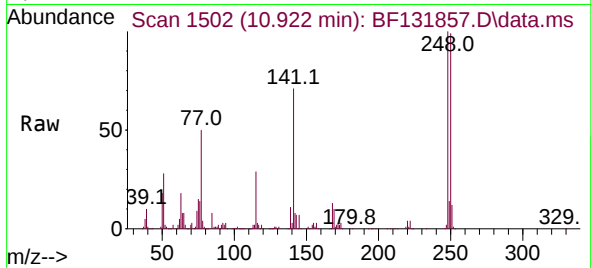
Tgt Ion:169 Resp: 428958
Ion Ratio Lower Upper
169 100
168 65.8 51.5 77.3
167 36.2 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 43.511 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

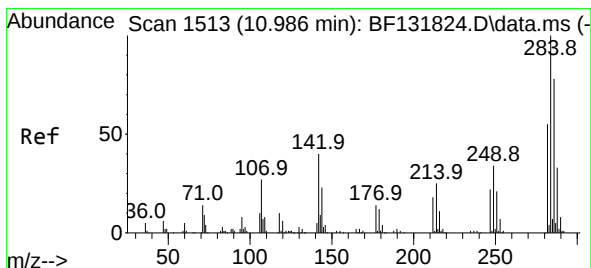
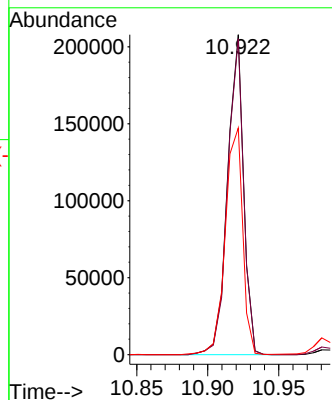
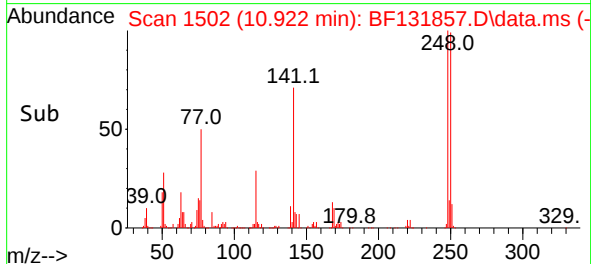
Instrument :
BNA_F
ClientSampleId :
PB149912BS



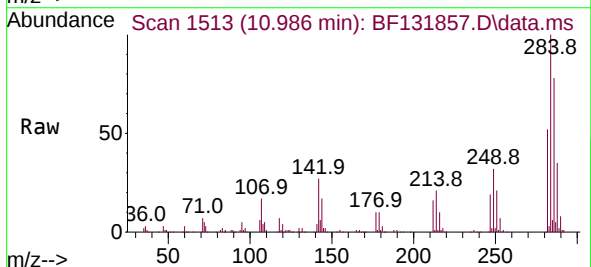
Tgt Ion:248 Resp: 16374
Ion Ratio Lower Upper
248 100
250 98.7 78.0 117.0
141 70.8 54.8 82.2

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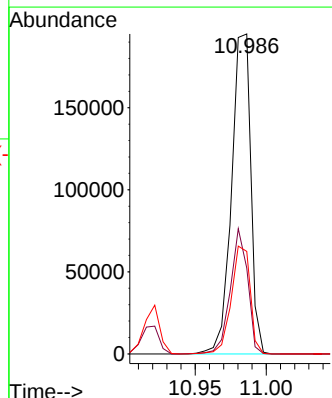
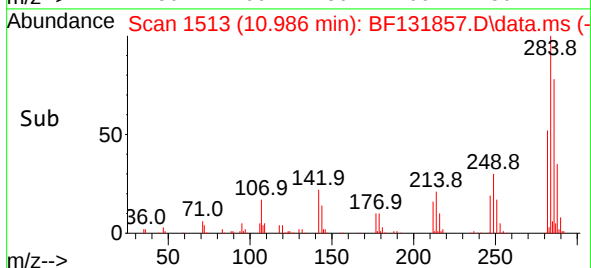
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

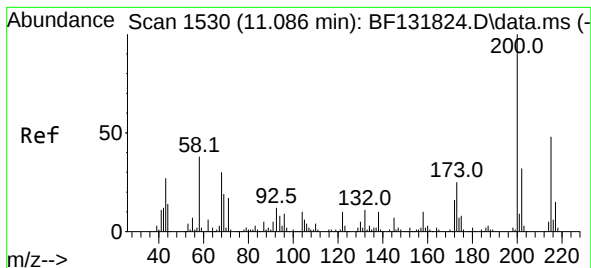


#68
Hexachlorobenzene
Concen: 44.332 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion:284 Resp: 183273
Ion Ratio Lower Upper
284 100
142 26.8 31.6 47.4#
249 32.0 26.9 40.3





#69

Atrazine

Concen: 50.608 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

Tgt Ion:200 Resp: 165025

Ion Ratio Lower Upper

200 100

173 23.9 4.5 44.5

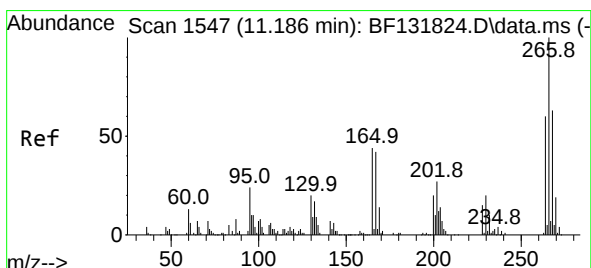
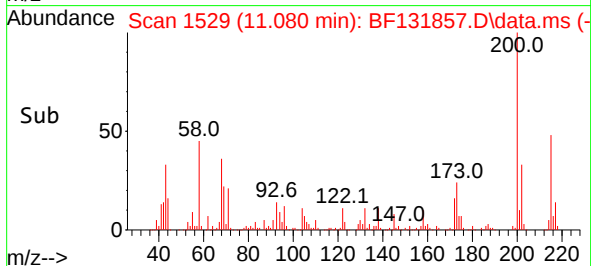
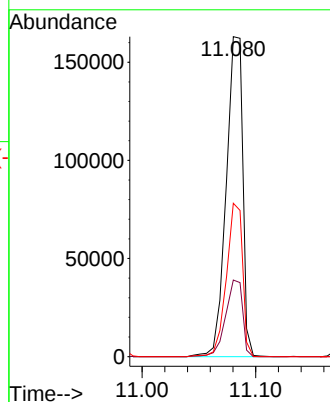
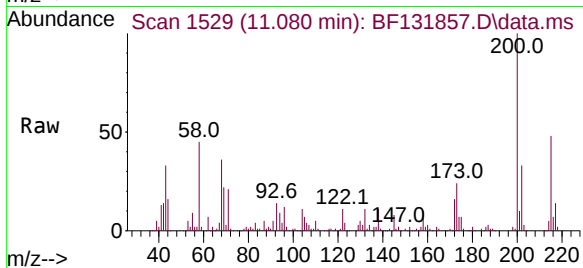
215 47.9 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#70

Pentachlorophenol

Concen: 97.601 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

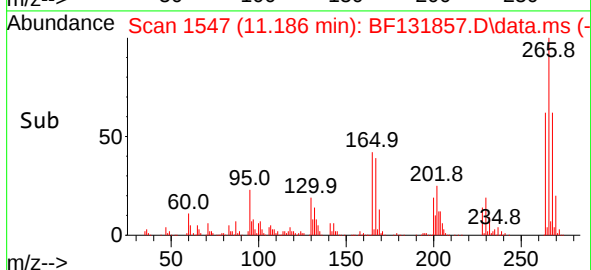
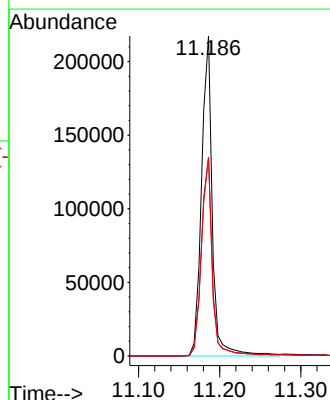
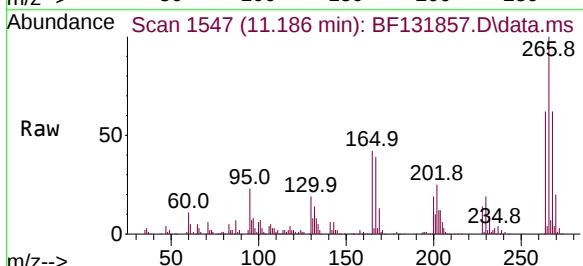
Tgt Ion:266 Resp: 199656

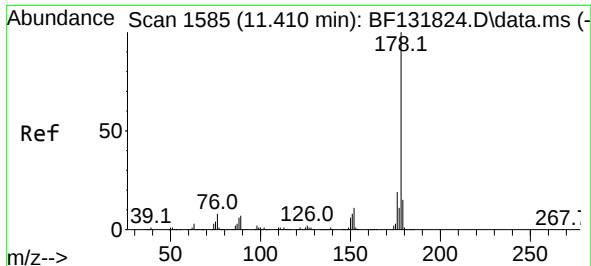
Ion Ratio Lower Upper

266 100

268 62.1 50.5 75.7

264 62.0 48.3 72.5





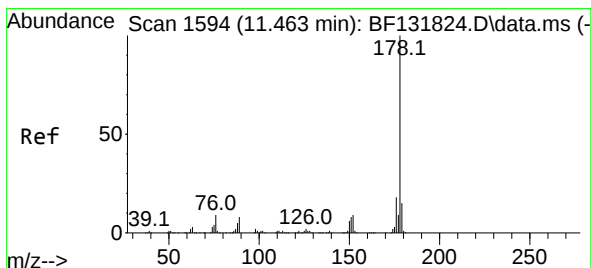
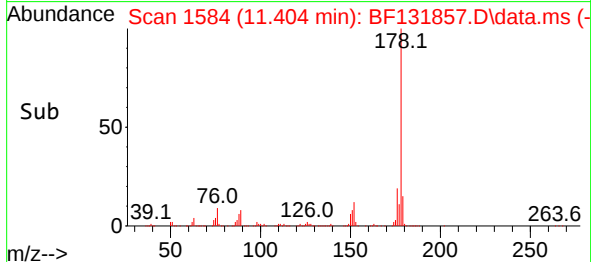
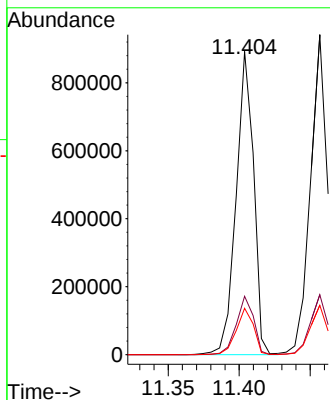
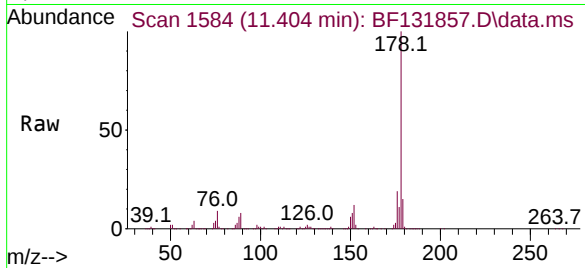
#71
Phenanthrene
Concen: 42.677 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :
BNA_F
ClientSampleId :
PB149912BS

Tgt Ion:178 Resp: 762031
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.3 12.2 18.4

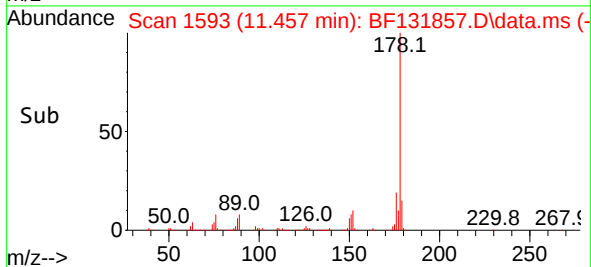
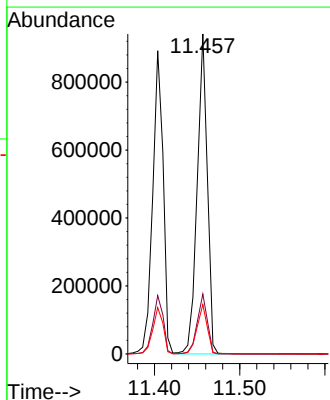
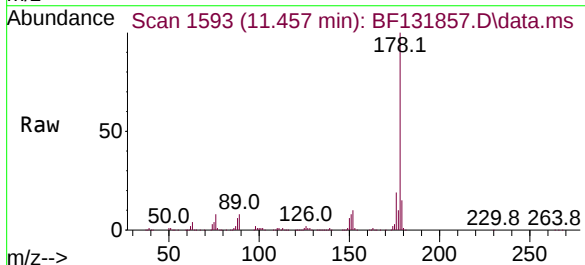
Manual Integrations
APPROVED

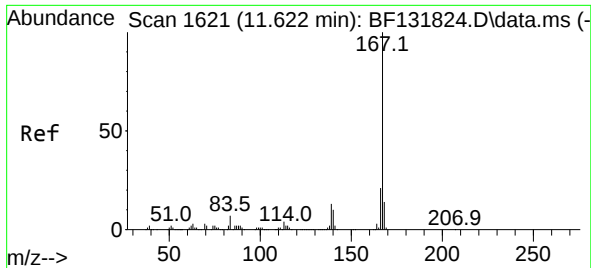
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#72
Anthracene
Concen: 44.509 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

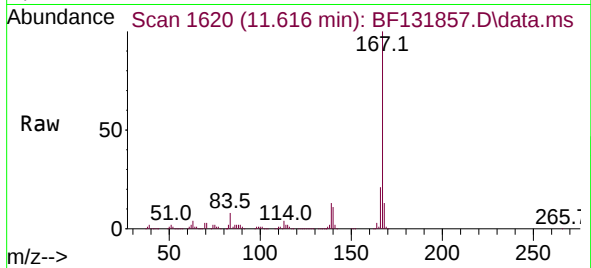
Tgt Ion:178 Resp: 777458
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.4 12.2 18.2





#73
Carbazole
Concen: 44.230 ng
RT: 11.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

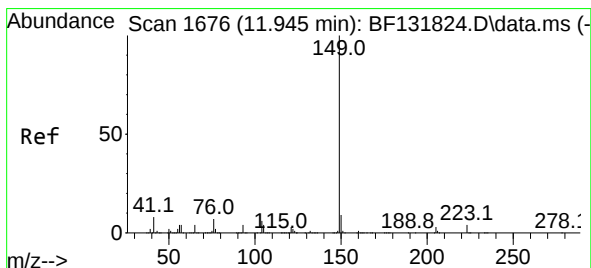
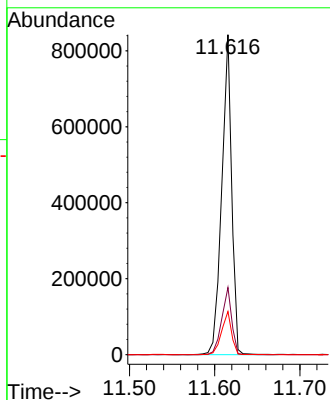
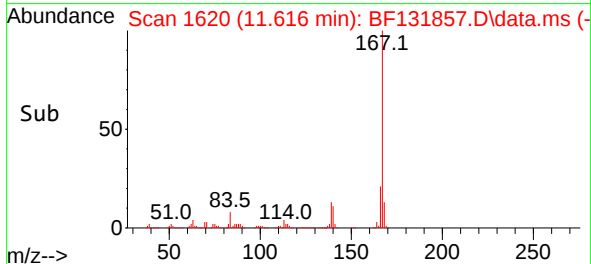
Instrument :
BNA_F
ClientSampleId :
PB149912BS



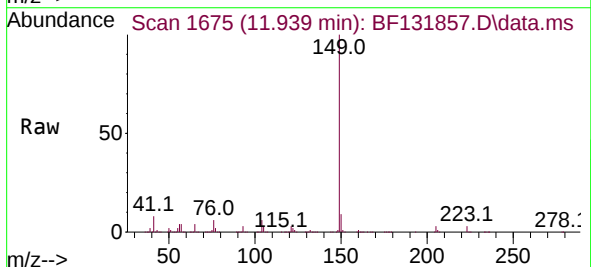
Tgt Ion:167 Resp: 682043
Ion Ratio Lower Upper
167 100
166 21.0 16.6 24.8
139 13.5 10.6 15.8

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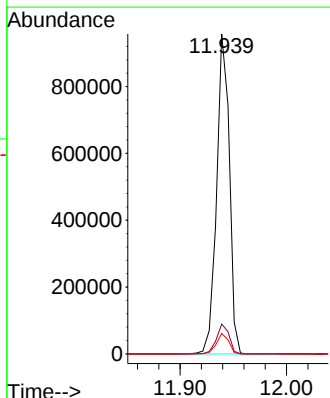
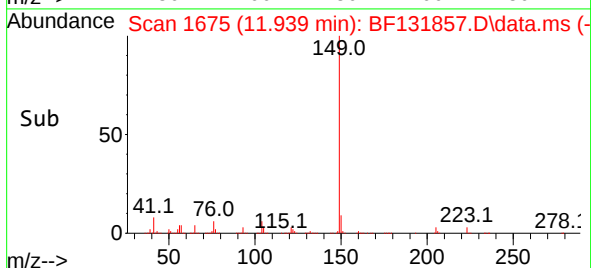
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

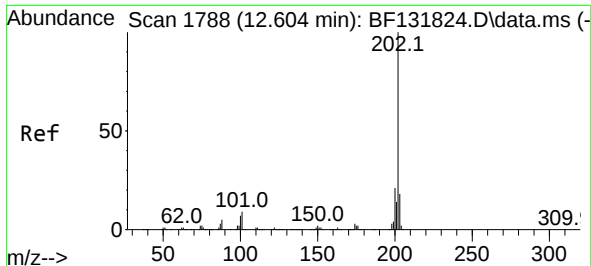


#74
Di-n-butylphthalate
Concen: 42.834 ng
RT: 11.939 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



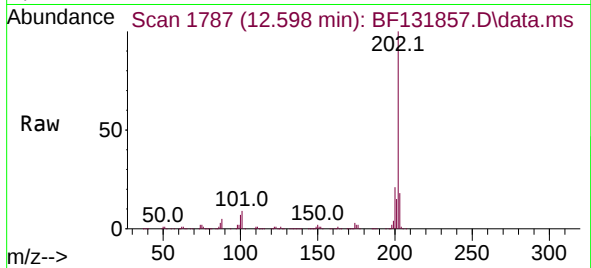
Tgt Ion:149 Resp: 798362
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 6.4 5.1 7.7





#75
Fluoranthene
Concen: 42.323 ng
RT: 12.598 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

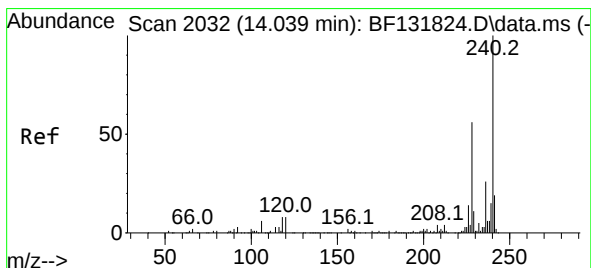
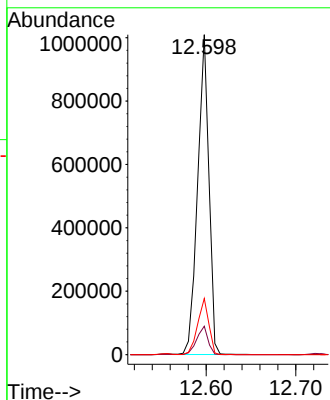
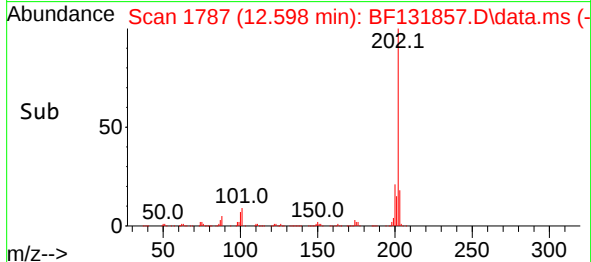
Instrument :
BNA_F
ClientSampleId :
PB149912BS



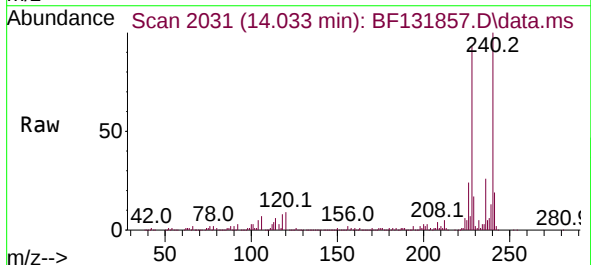
Tgt Ion:202 Resp: 880244
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.6
203 17.5 0.0 37.8

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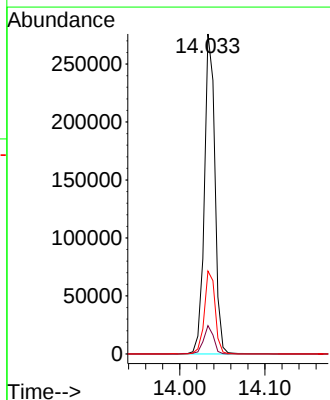
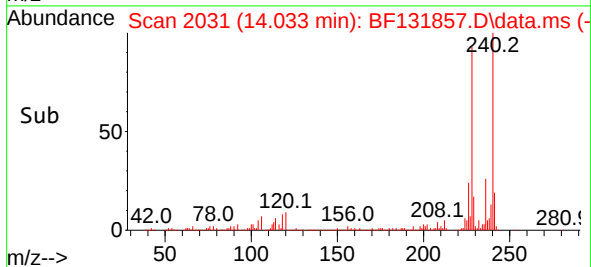
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

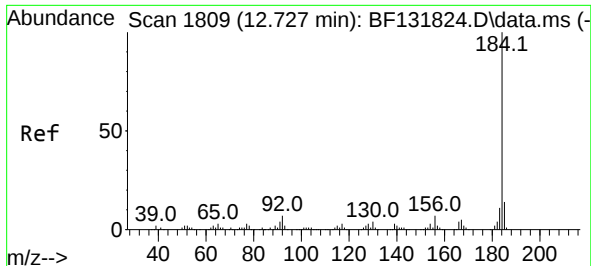


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



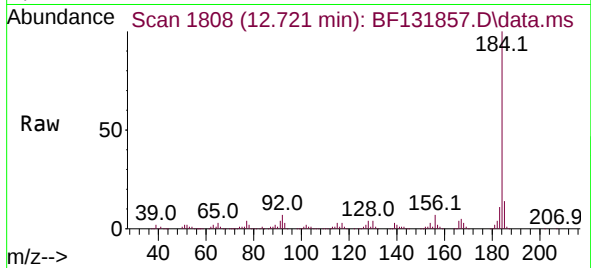
Tgt Ion:240 Resp: 236370
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 25.9 20.6 31.0





#77
Benzidine
Concen: 99.110 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

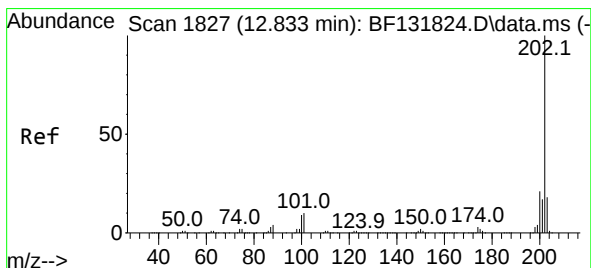
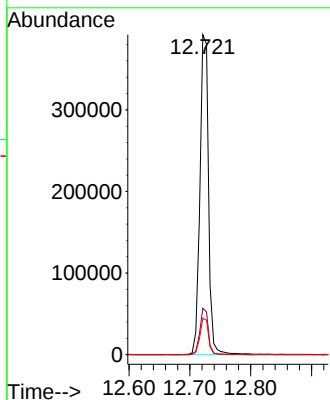
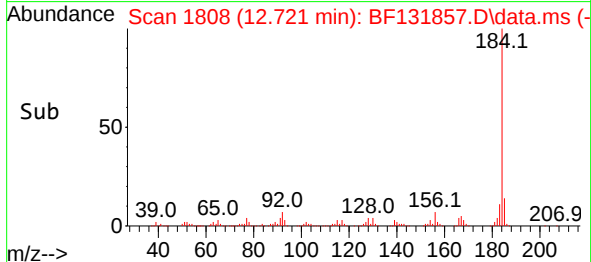
Instrument :
BNA_F
ClientSampleId :
PB149912BS



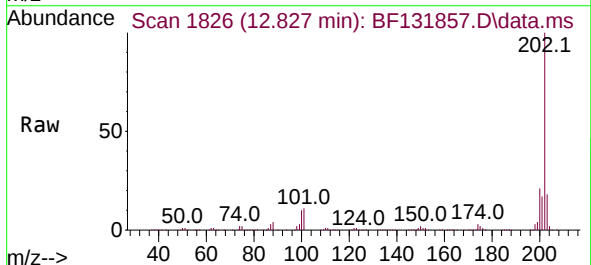
Tgt Ion:184 Resp: 38498
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.3 9.0 13.4

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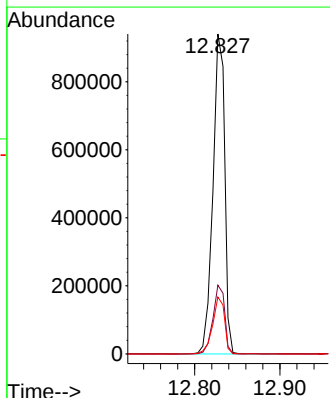
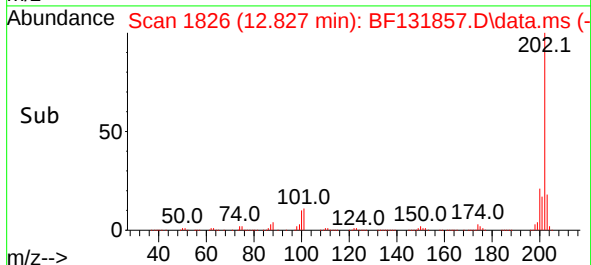
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

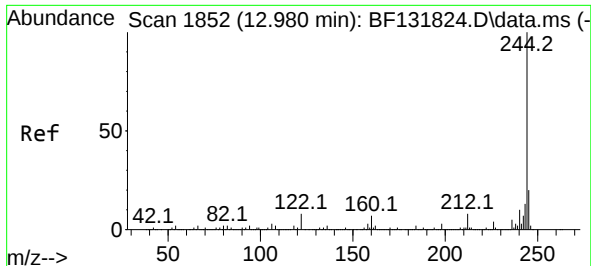


#78
Pyrene
Concen: 45.515 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



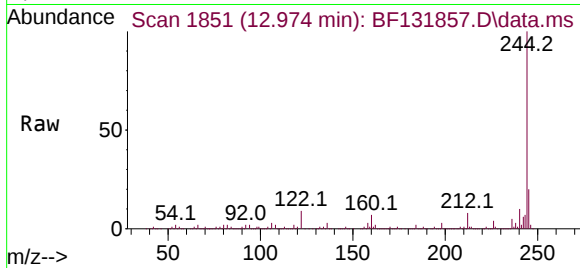
Tgt Ion:202 Resp: 901728
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.8 14.4 21.6





#79
 Terphenyl-d14
 Concen: 95.640 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131857.D
 Acq: 28 Dec 2022 12:32

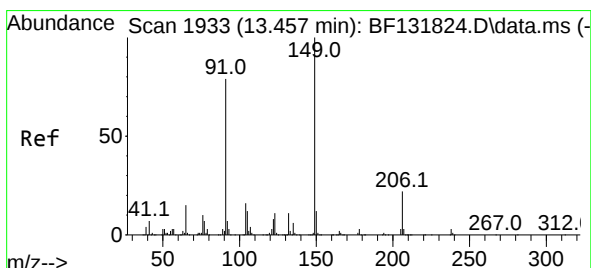
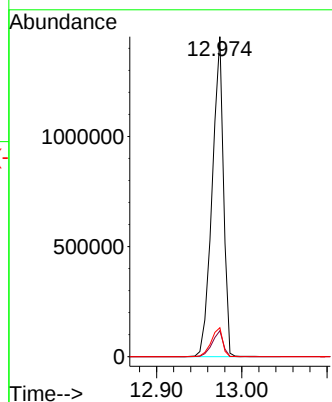
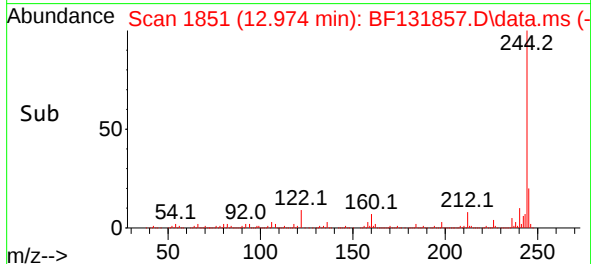
Instrument :
 BNA_F
 ClientSampleId :
 PB149912BS



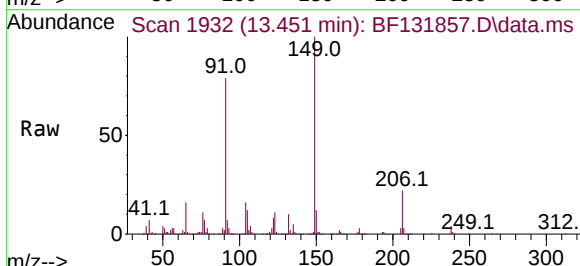
Tgt Ion:244 Resp: 1336464
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.0 6.4 9.6

Manual Integrations
 APPROVED

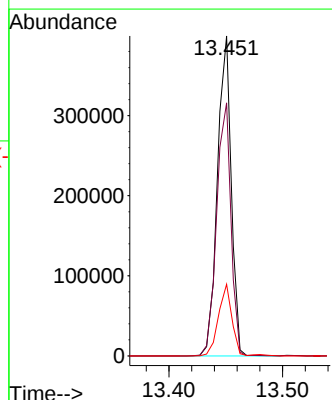
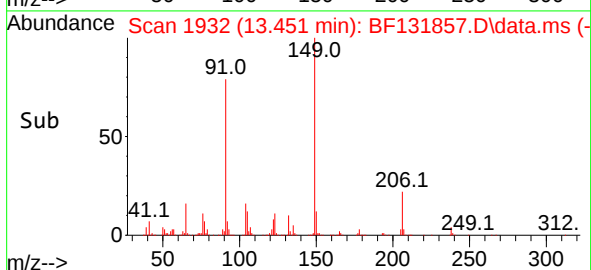
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023

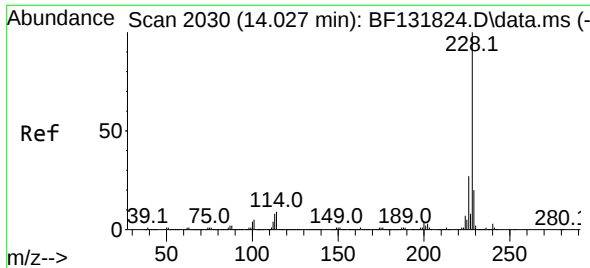


#80
 Butylbenzylphthalate
 Concen: 45.881 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF131857.D
 Acq: 28 Dec 2022 12:32



Tgt Ion:149 Resp: 337152
 Ion Ratio Lower Upper
 149 100
 91 79.1 63.2 94.8
 206 22.4 17.9 26.9





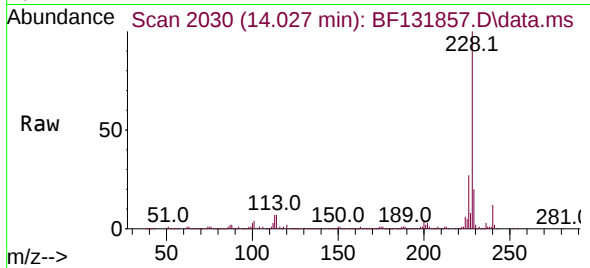
#81
Benzo(a)anthracene
Concen: 45.146 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

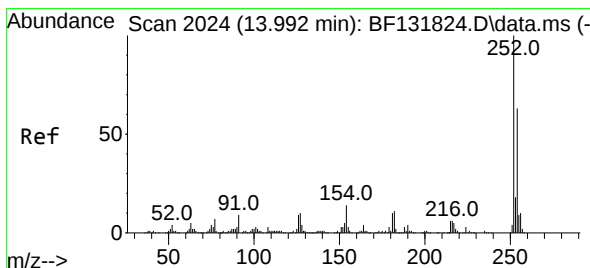
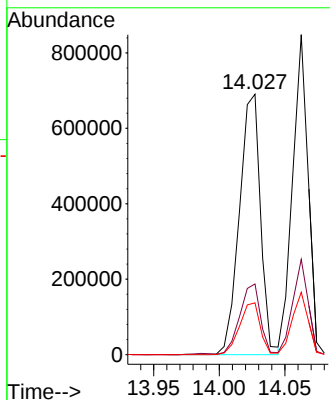
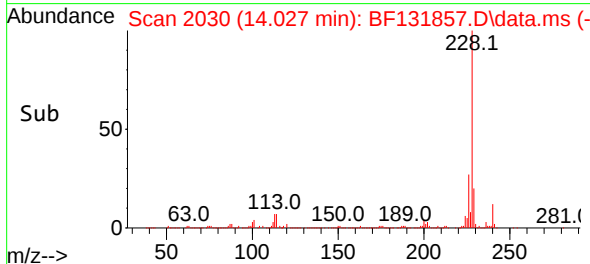


Tgt Ion:228 Resp: 772600
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.9 16.0 24.0

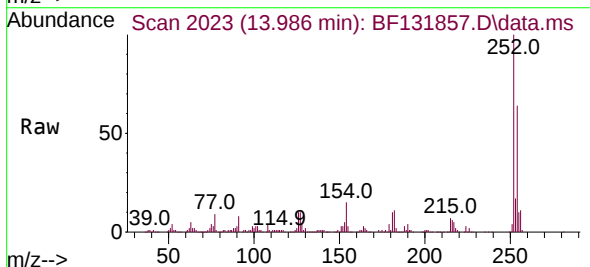
Manual Integrations

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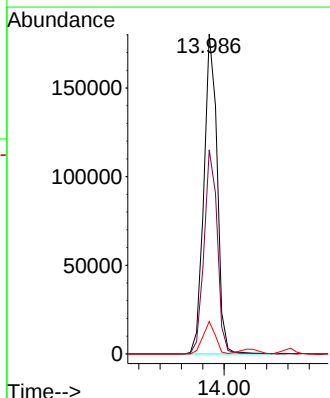
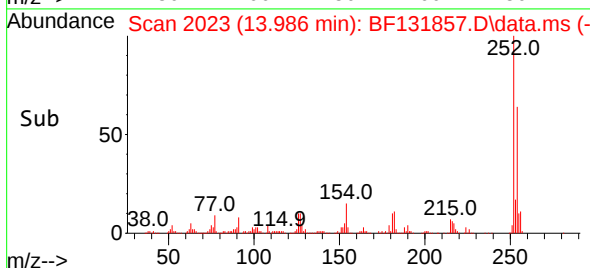
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

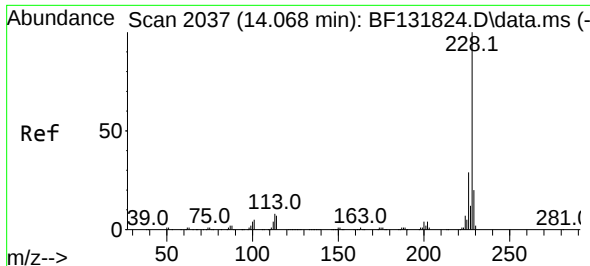


#82
3,3'-Dichlorobenzidine
Concen: 31.454 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



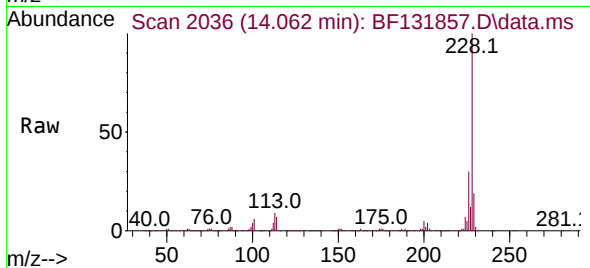
Tgt Ion:252 Resp: 155588
Ion Ratio Lower Upper
252 100
254 63.8 50.4 75.6
126 10.1 7.5 11.3





#83
Chrysene
Concen: 43.748 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

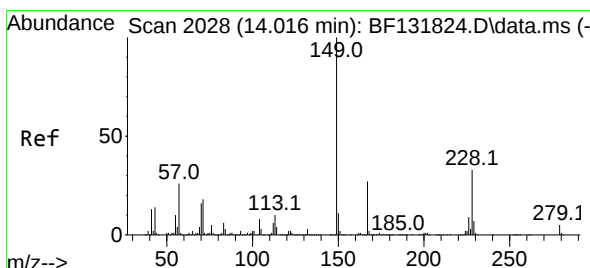
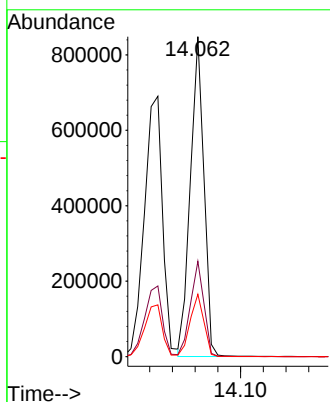
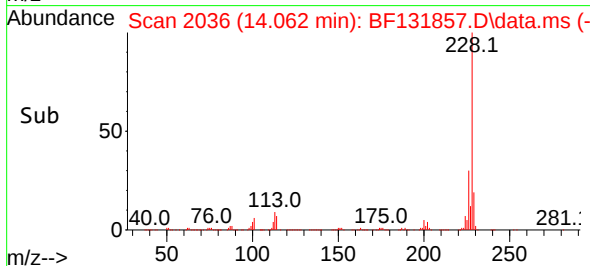
Instrument :
BNA_F
ClientSampleId :
PB149912BS



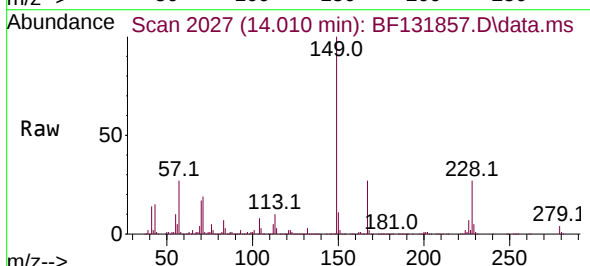
Tgt Ion:228 Resp: 703541
Ion Ratio Lower Upper
228 100
226 29.8 23.5 35.3
229 19.5 16.2 24.2

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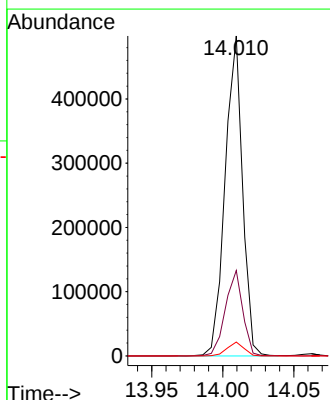
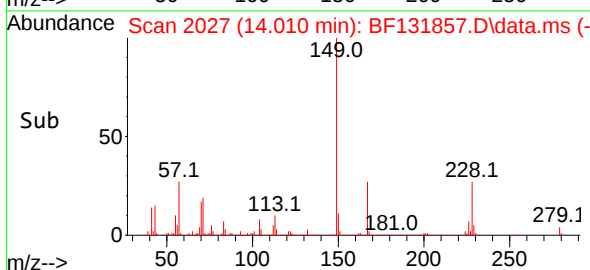
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

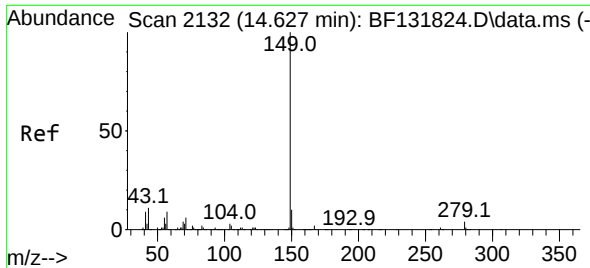


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.377 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



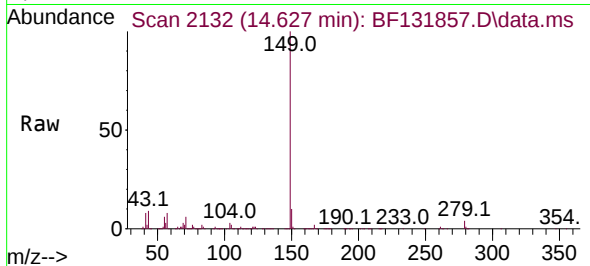
Tgt Ion:149 Resp: 423894
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 4.4 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 50.747 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

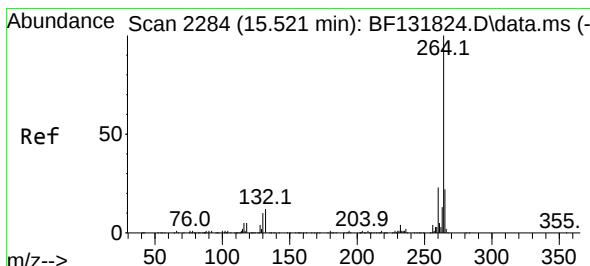
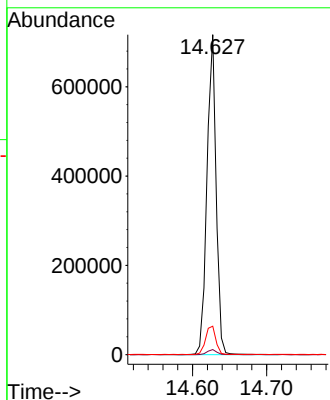
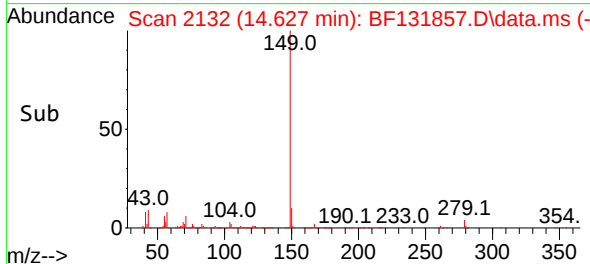
Instrument :
BNA_F
ClientSampleId :
PB149912BS



Tgt Ion:149 Resp: 611225
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 8.1 12.1

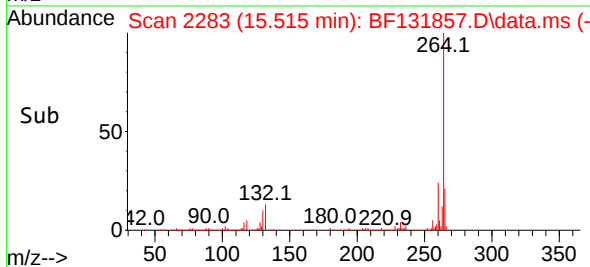
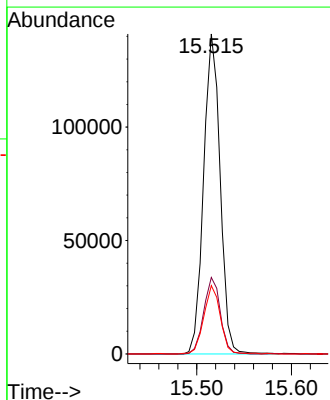
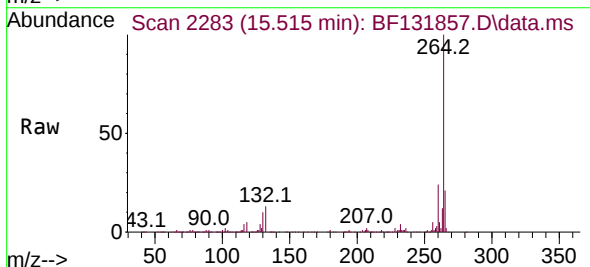
Manual Integrations
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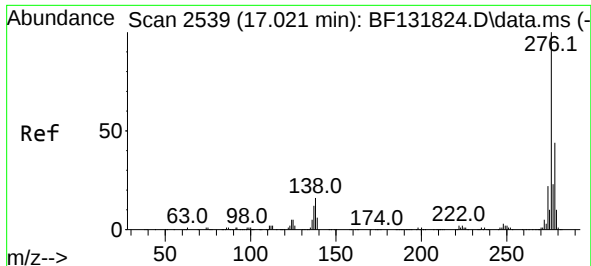
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:264 Resp: 171222
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.3 17.4 26.0





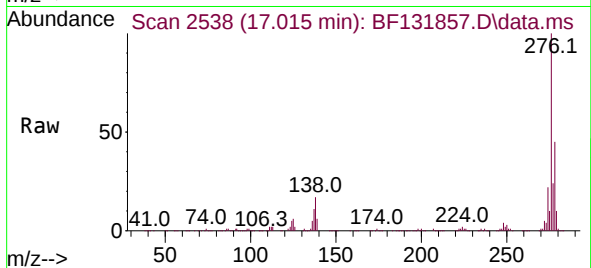
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.988 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

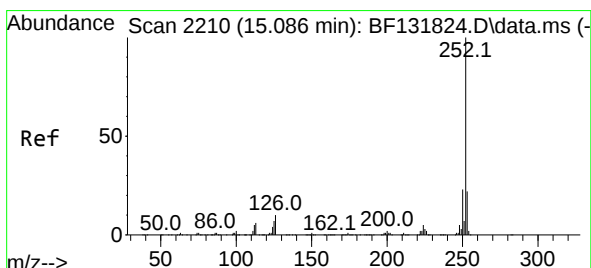
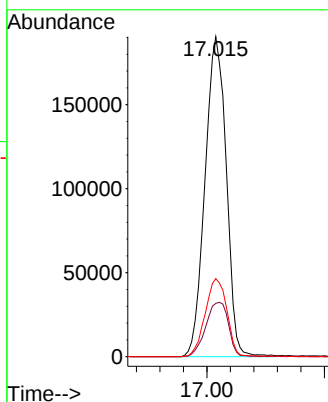
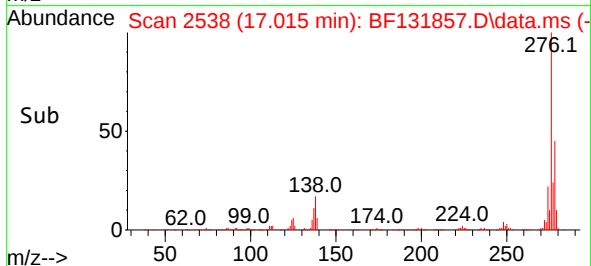


Tgt Ion:276 Resp: 478491
Ion Ratio Lower Upper
276 100
138 18.1 14.5 21.7
277 24.8 19.7 29.5

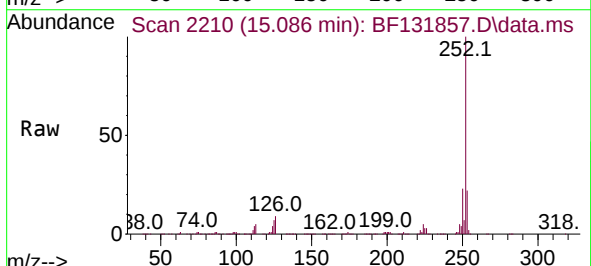
Manual Integrations

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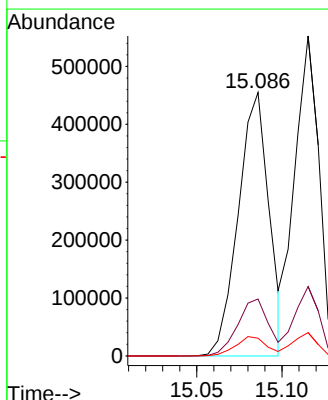
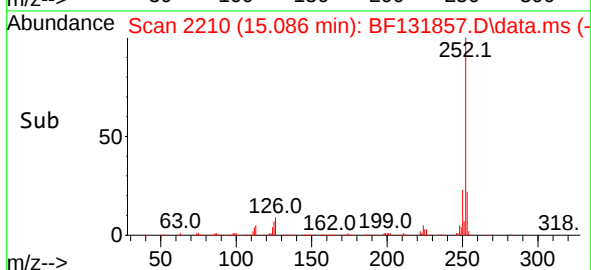
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

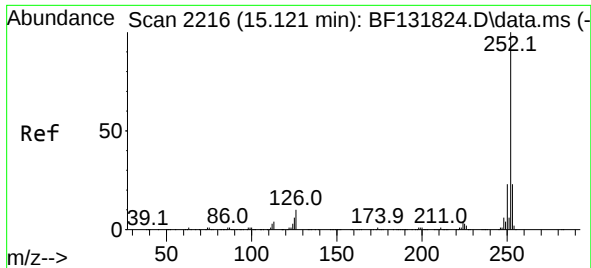


#88
Benzo(b)fluoranthene
Concen: 45.482 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32



Tgt Ion:252 Resp: 571015
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 6.7 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 45.877 ng

RT: 15.115 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB149912BS

Tgt Ion:252 Resp: 556504

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

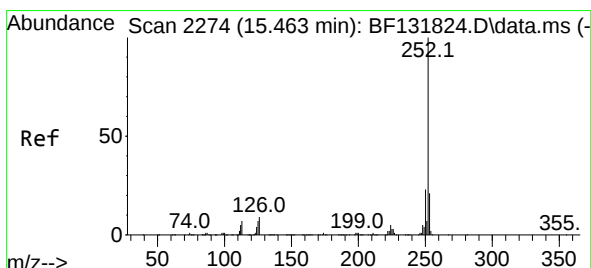
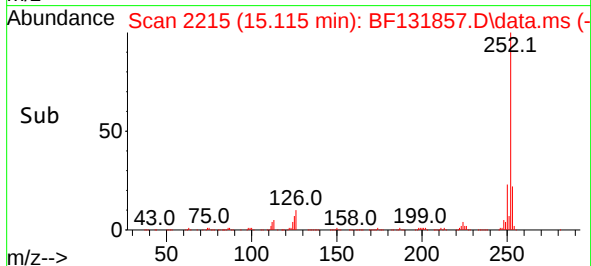
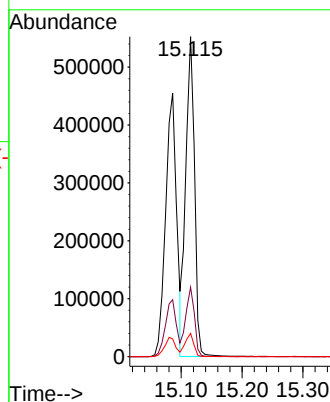
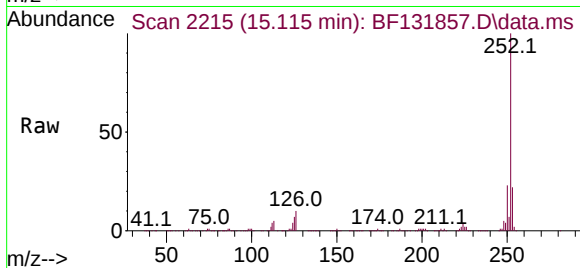
125 7.3 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#90

Benzo(a)pyrene

Concen: 46.921 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF131857.D

Acq: 28 Dec 2022 12:32

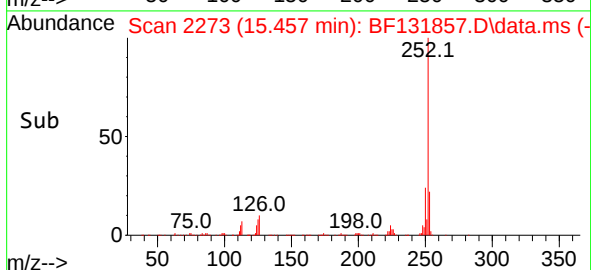
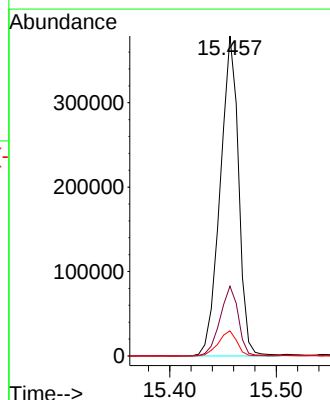
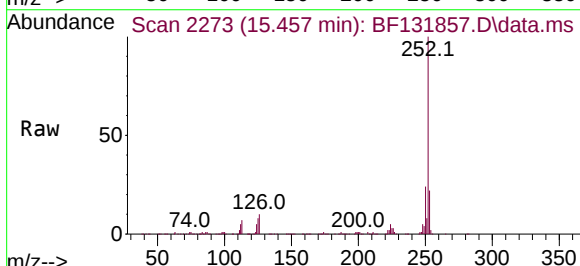
Tgt Ion:252 Resp: 456073

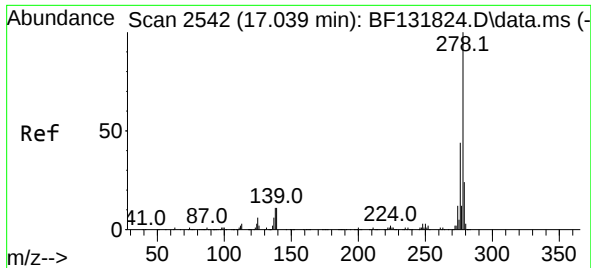
Ion Ratio Lower Upper

252 100

253 21.8 16.6 24.8

125 7.8 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 44.097 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Instrument :

BNA_F

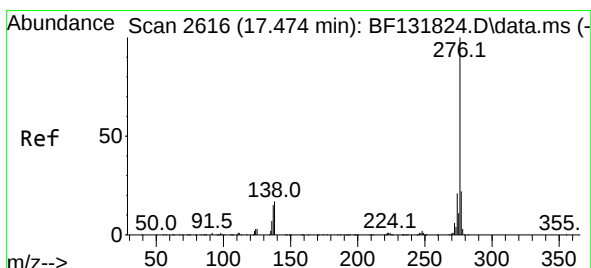
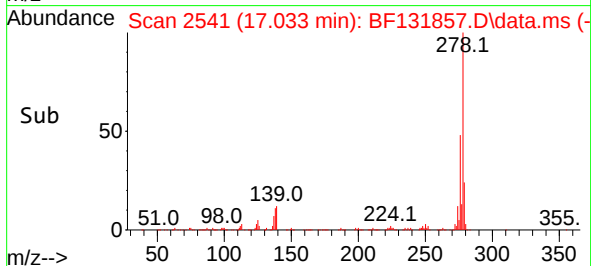
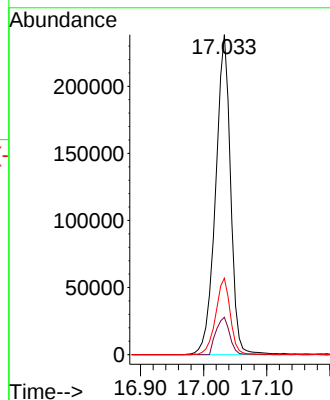
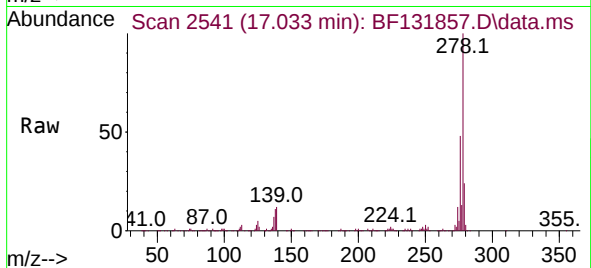
ClientSampleId :

PB149912BS

Tgt Ion:278 Resp: 392920
Ion Ratio Lower Upper
278 100
139 11.7 8.6 12.8
279 23.9 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: 38.709 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF131857.D
Acq: 28 Dec 2022 12:32

Tgt Ion:276 Resp: 395932
Ion Ratio Lower Upper
276 100
277 24.2 17.9 26.9
138 15.8 13.7 20.5

