

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133847.D
 Acq On : 20 Jun 2023 10:06
 Operator : CG\JU
 Sample : PB153207BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153207BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 11:45:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109988	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	428757	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	221133	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	421960	20.000	ng	0.00
76) Chrysene-d12	14.045	240	203282	20.000	ng	0.00
86) Perylene-d12	15.551	264	222723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	754786	119.468	ng	0.00
7) Phenol-d6	6.498	99	905940	110.161	ng	0.00
23) Nitrobenzene-d5	7.422	82	616303	78.291	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	300882	107.491	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1158778	74.490	ng	0.00
79) Terphenyl-d14	12.986	244	1180131	89.829	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	113457	40.847	ng	97
3) Pyridine	3.499	79	250492	30.941	ng	98
4) n-Nitrosodimethylamine	3.463	42	181028	40.452	ng	99
6) Aniline	6.522	93	283831	27.402	ng	96
8) 2-Chlorophenol	6.645	128	298775	44.874	ng	96
9) Benzaldehyde	6.410	77	73871	13.539	ng	98
10) Phenol	6.510	94	354320	41.261	ng	94
11) bis(2-Chloroethyl)ether	6.598	93	273747	42.940	ng	97
12) 1,3-Dichlorobenzene	6.798	146	321365	45.175	ng	98
13) 1,4-Dichlorobenzene	6.875	146	324075	45.073	ng	99
14) 1,2-Dichlorobenzene	7.028	146	305418	47.010	ng	99
15) Benzyl Alcohol	7.004	79	273547	42.588	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	492845	45.606	ng	99
17) 2-Methylphenol	7.110	107	241377	40.902	ng	99
18) Hexachloroethane	7.369	117	122187	49.640	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	214800	41.052	ng	98
20) 3+4-Methylphenols	7.263	107	297070	38.696	ng	93
22) Acetophenone	7.269	105	412227	41.919	ng	93
24) Nitrobenzene	7.445	77	329309	41.545	ng	99
25) Isophorone	7.681	82	593038	41.035	ng	99
26) 2-Nitrophenol	7.757	139	164210	46.161	ng	97
27) 2,4-Dimethylphenol	7.792	122	261531	42.654	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	341452	40.879	ng	99
29) 2,4-Dichlorophenol	7.998	162	253060	42.112	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	265889	42.409	ng	97
31) Naphthalene	8.163	128	844255	40.416	ng	99
32) Benzoic acid	7.916	122	197318	51.026	ng	96
33) 4-Chloroaniline	8.210	127	91590	10.254	ng	95
34) Hexachlorobutadiene	8.275	225	170629	41.567	ng	99
35) Caprolactam	8.586	113	85039m	42.055	ng	
36) 4-Chloro-3-methylphenol	8.692	107	286043	41.296	ng	97
37) 2-Methylnaphthalene	8.851	142	572636	39.454	ng	99
38) 1-Methylnaphthalene	8.951	142	531635	39.806	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	270105	40.179	ng	98
41) Hexachlorocyclopentadiene	9.004	237	344087	114.856	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	181745	40.457	ng	96

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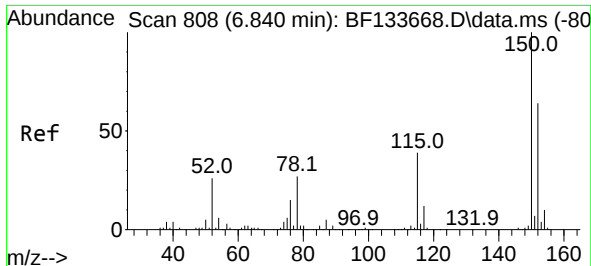
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	199062	38.088	ng	99
46) 1,1'-Biphenyl	9.322	154	729627	40.911	ng	100
47) 2-Chloronaphthalene	9.345	162	522221	40.821	ng	100
48) 2-Nitroaniline	9.439	65	189075	40.411	ng	93
49) Acenaphthylene	9.763	152	883355	39.672	ng	99
50) Dimethylphthalate	9.622	163	639754	38.759	ng	100
51) 2,6-Dinitrotoluene	9.686	165	142106	41.711	ng	# 83
52) Acenaphthene	9.933	154	520063	39.903	ng	98
53) 3-Nitroaniline	9.851	138	95065	22.929	ng	82
54) 2,4-Dinitrophenol	9.963	184	167297	99.024	ng	# 86
55) Dibenzofuran	10.104	168	796299	40.040	ng	97
56) 4-Nitrophenol	10.022	139	227092	81.159	ng	# 79
57) 2,4-Dinitrotoluene	10.092	165	187378	43.245	ng	98
58) Fluorene	10.451	166	622412	40.925	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	170681	43.621	ng	98
60) Diethylphthalate	10.328	149	669055	39.827	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	295962	39.419	ng	98
62) 4-Nitroaniline	10.475	138	153405	37.737	ng	96
63) Azobenzene	10.604	77	636361	40.015	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	109928	54.519	ng	99
66) n-Nitrosodiphenylamine	10.563	169	557132	39.307	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	185018	39.285	ng	98
68) Hexachlorobenzene	10.998	284	205051	41.403	ng	98
69) Atrazine	11.092	200	175019	42.558	ng	99
70) Pentachlorophenol	11.198	266	222330	74.969	ng	99
71) Phenanthrene	11.416	178	875343	40.888	ng	100
72) Anthracene	11.469	178	904521	40.521	ng	100
73) Carbazole	11.627	167	814130	39.160	ng	99
74) Di-n-butylphthalate	11.957	149	1005461	37.725	ng	100
75) Fluoranthene	12.610	202	887182	39.024	ng	99
77) Benzidine	12.733	184	220762	32.364	ng	99
78) Pyrene	12.839	202	885166	46.744	ng	100
80) Butylbenzylphthalate	13.463	149	328610	41.105	ng	95
81) Benzo(a)anthracene	14.039	228	587263	41.765	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	145230	31.067	ng	# 99
83) Chrysene	14.074	228	557120	41.891	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	400282	40.665	ng	100
85) Di-n-octyl phthalate	14.651	149	646064	46.187	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	720034	46.991	ng	100
88) Benzo(b)fluoranthene	15.110	252	550952	40.722	ng	98
89) Benzo(k)fluoranthene	15.139	252	545414	41.384	ng	99
90) Benzo(a)pyrene	15.492	252	508586	40.504	ng	98
91) Dibenzo(a,h)anthracene	17.127	278	588918	46.424	ng	100
92) Benzo(g,h,i)perylene	17.580	276	582196	46.289	ng	97

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



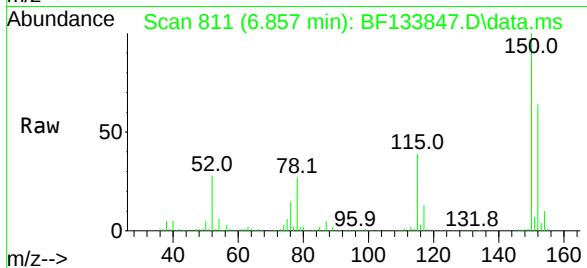
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

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PB153207BS

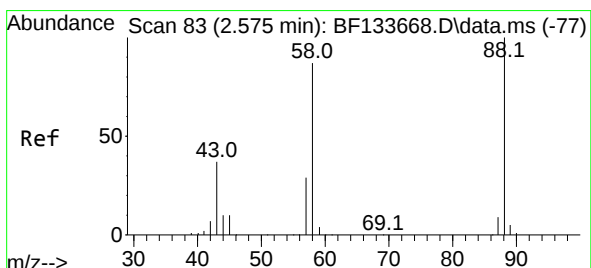
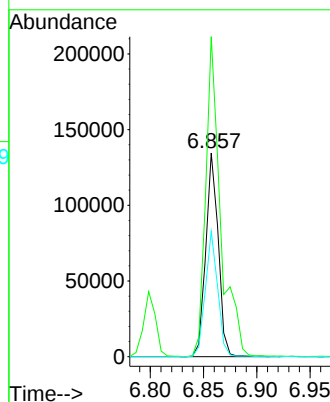
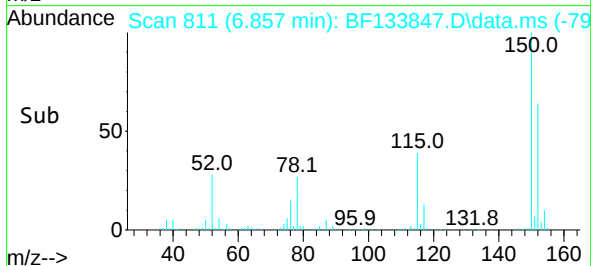


Tgt Ion:152 Resp: 10998
Ion Ratio Lower Upper
152 100
150 157.1 124.3 186.5
115 61.6 48.5 72.7

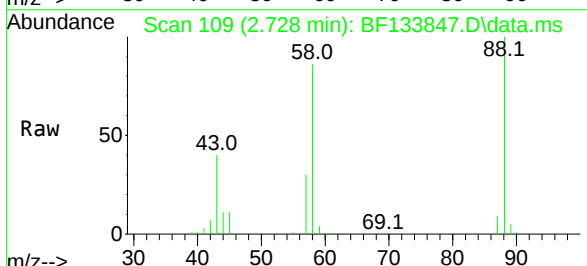
Manual Integrations

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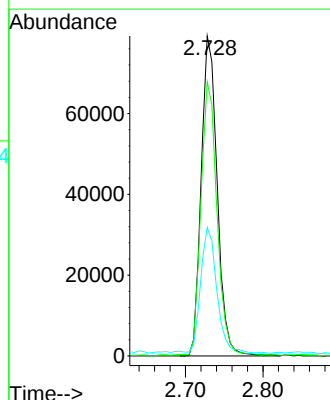
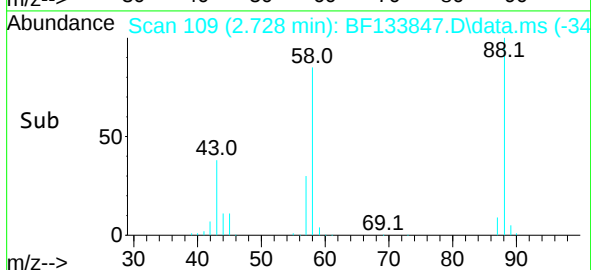
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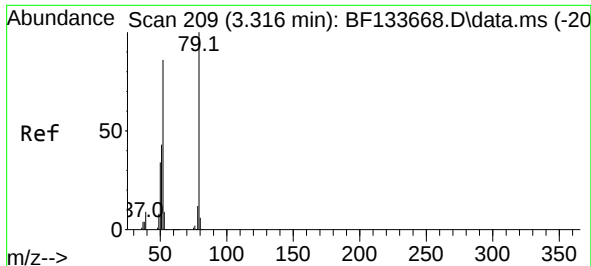


#2
1,4-Dioxane
Concen: 40.847 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.088 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



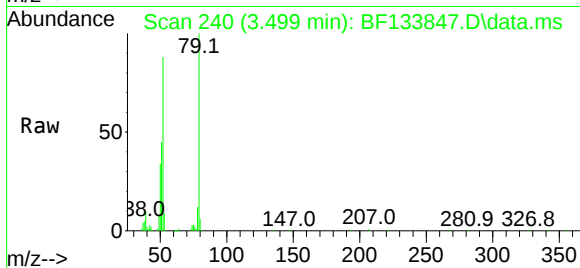
Tgt Ion: 88 Resp: 113457
Ion Ratio Lower Upper
88 100
58 86.0 67.8 101.6
43 40.3 29.8 44.6





#3
Pyridine
Concen: 30.941 ng
RT: 3.499 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

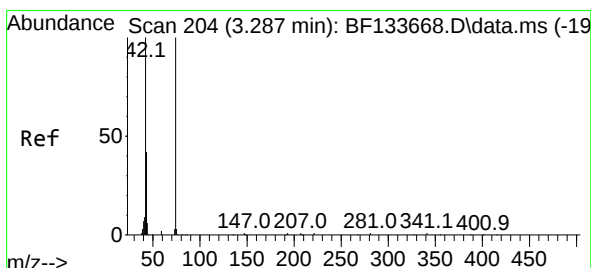
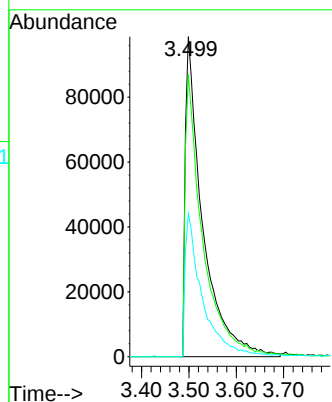
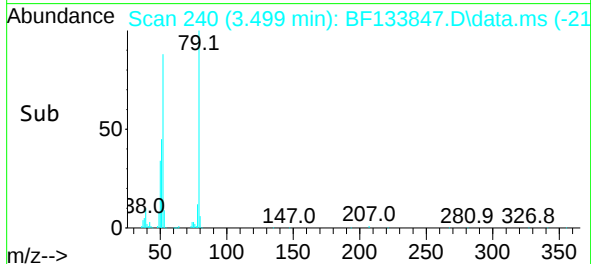
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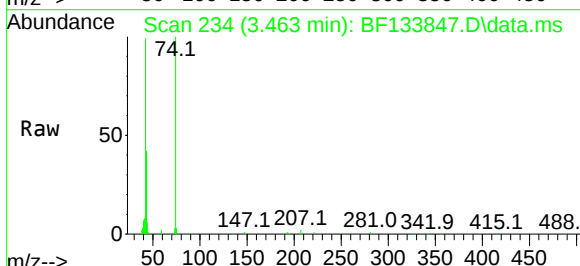
Tgt Ion: 79 Resp: 250492
Ion Ratio Lower Upper
79 100
52 88.2 68.6 102.8
51 44.7 34.8 52.2

Manual Integrations
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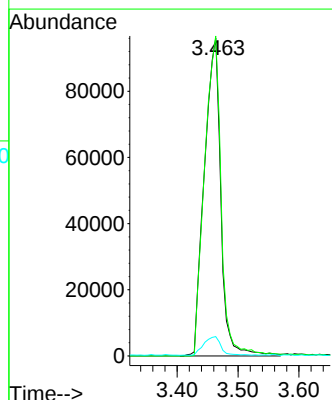
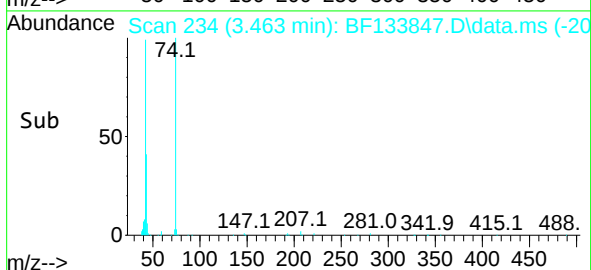
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

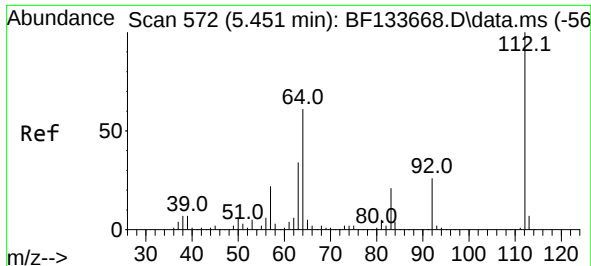


#4
n-Nitrosodimethylamine
Concen: 40.452 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.076 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion: 42 Resp: 181028
Ion Ratio Lower Upper
42 100
74 100.6 79.8 119.8
44 6.1 4.7 7.1





#5
2-Fluorophenol
Concen: 119.468 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

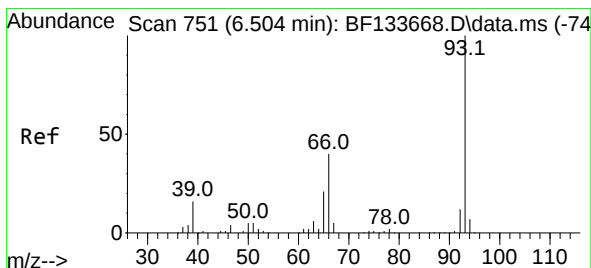
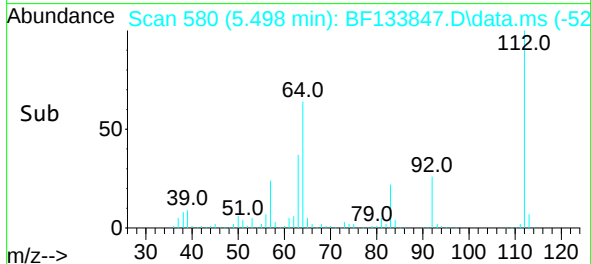
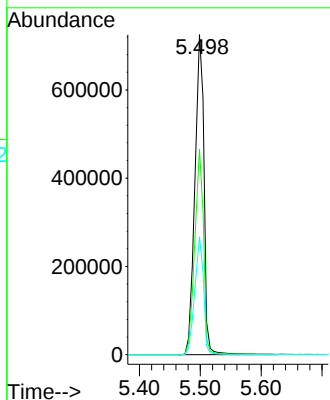
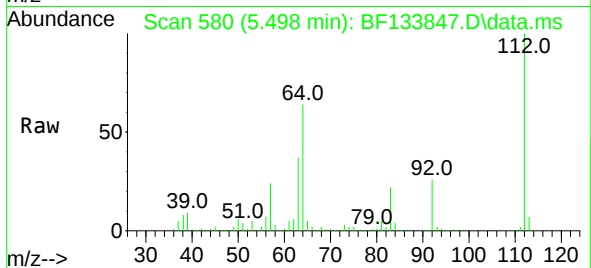
PB153207BS

Tgt Ion:112 Resp: 754780
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.4
63 36.8 26.8 40.2

Manual Integrations

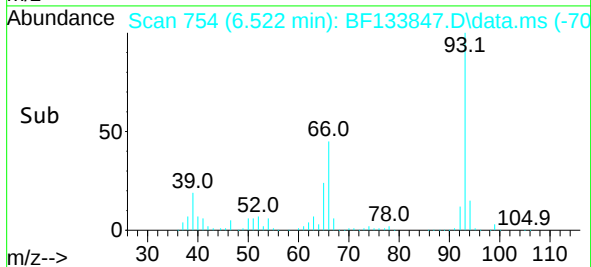
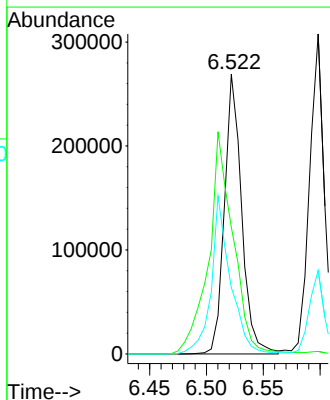
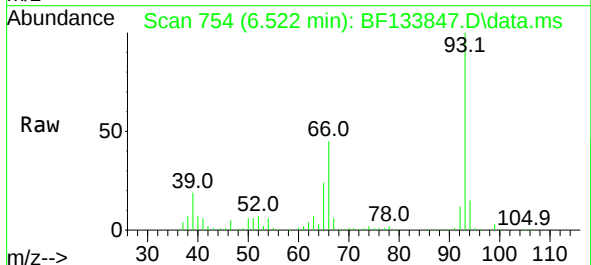
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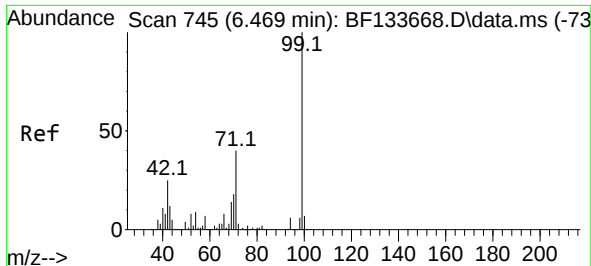
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#6
Aniline
Concen: 27.402 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

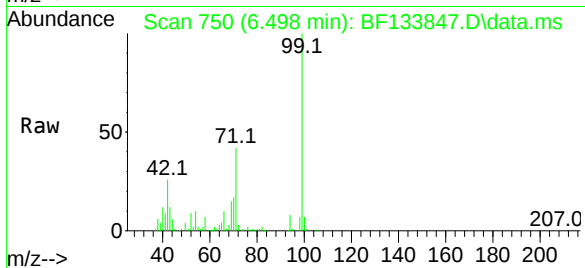
Tgt Ion: 93 Resp: 283831
Ion Ratio Lower Upper
93 100
66 45.3 34.4 51.6
65 23.8 17.5 26.3





#7
Phenol-d6
Concen: 110.161 ng
RT: 6.498 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

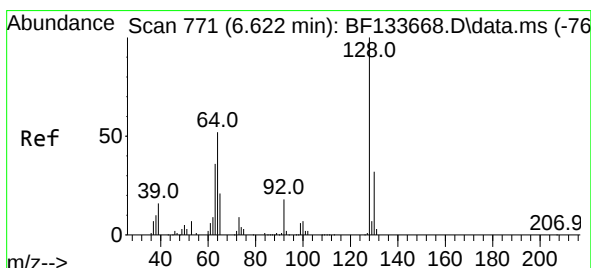
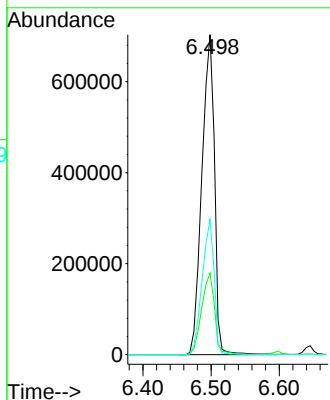
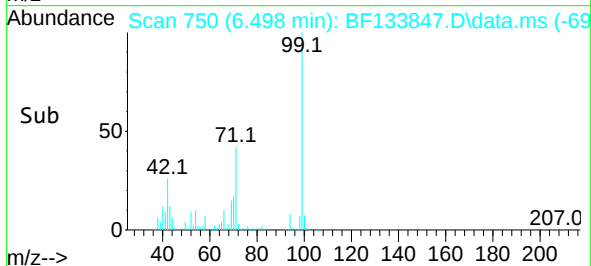
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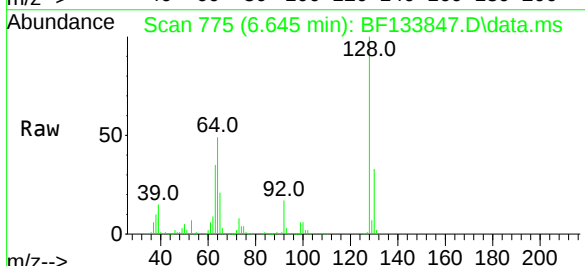
Tgt Ion: 99 Resp: 905940
Ion Ratio Lower Upper
99 100
42 25.6 19.9 29.9
71 42.3 32.2 48.4

Manual Integrations
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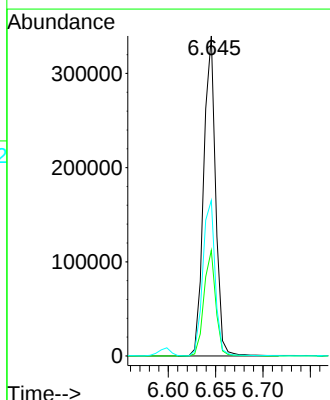
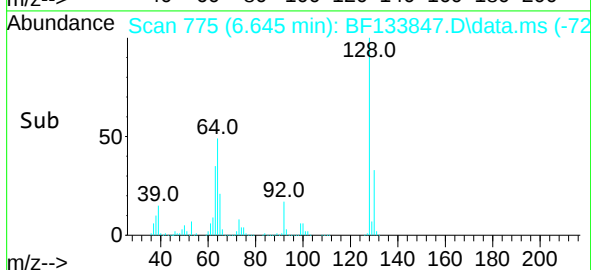
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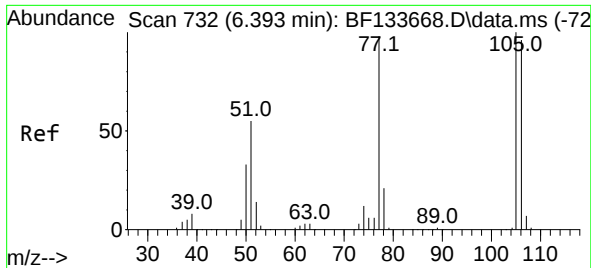


#8
2-Chlorophenol
Concen: 44.874 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:128 Resp: 298775
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 48.6 33.1 73.1





#9
Benzaldehyde
Concen: 13.539 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

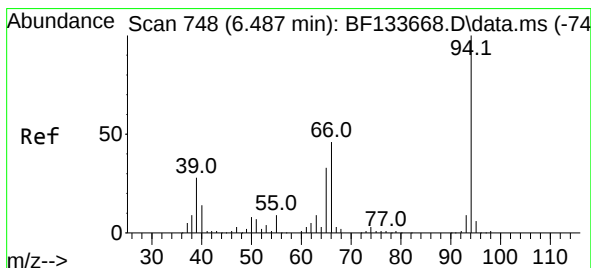
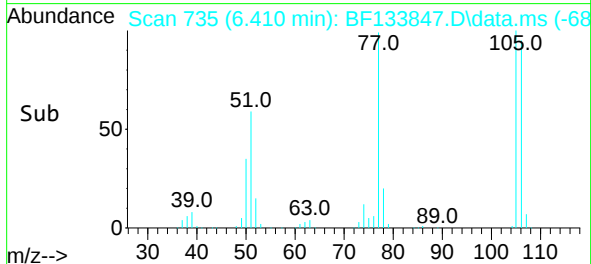
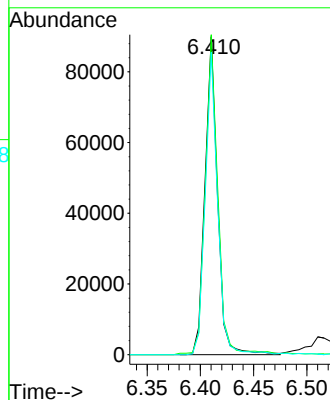
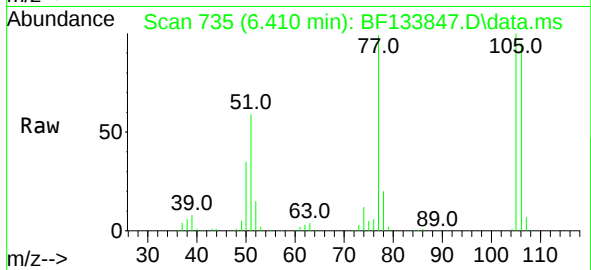
ClientSampleId :

PB153207BS

Tgt Ion: 77 Resp: 7387
Ion Ratio Lower Upper
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105 100.6 82.0 122.0
106 95.1 77.6 117.6

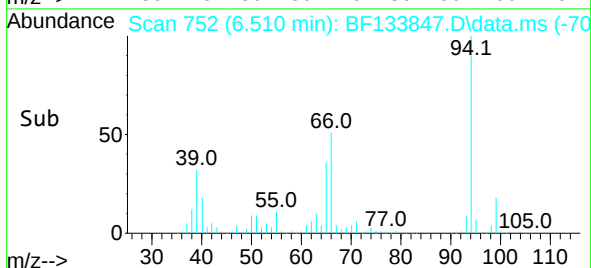
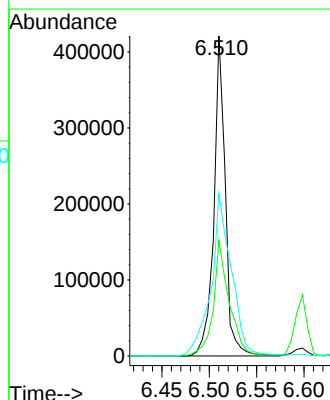
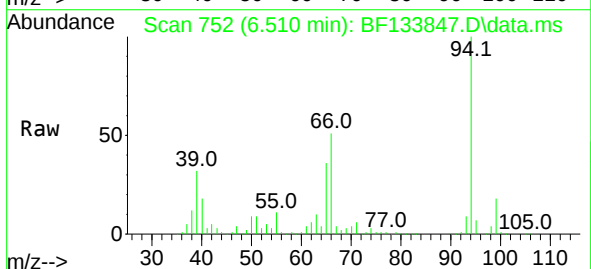
Manual Integrations
APPROVED

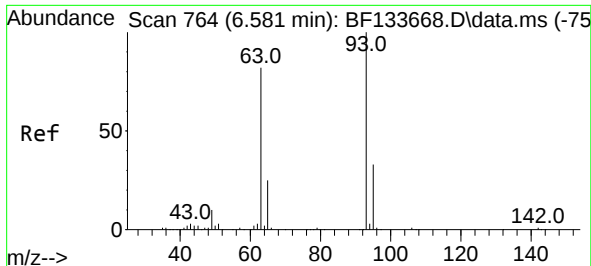
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Phenol
Concen: 41.261 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion: 94 Resp: 354320
Ion Ratio Lower Upper
94 100
65 36.1 13.2 53.2
66 50.8 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 42.940 ng

RT: 6.598 min Scan# 701

Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

Tgt Ion: 93 Resp: 27374

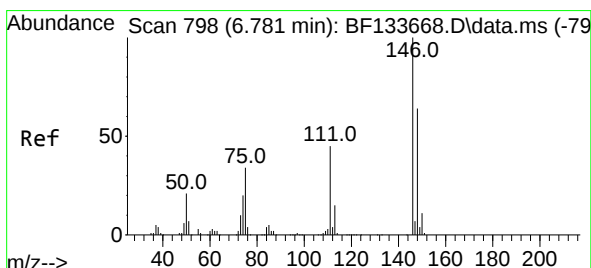
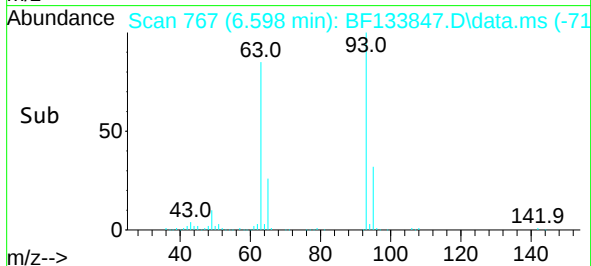
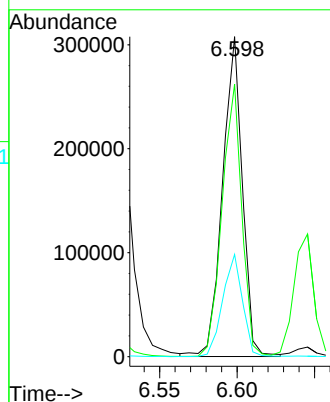
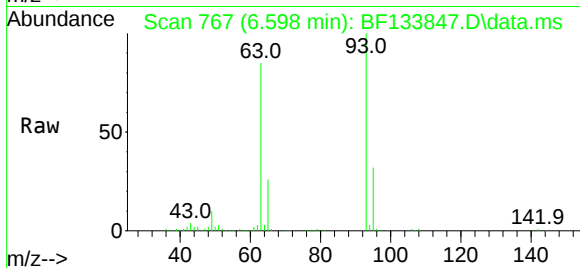
Ion	Ratio	Lower	Upper
93	100		
63	85.2	62.1	102.1
95	31.9	13.0	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#12

1,3-Dichlorobenzene

Concen: 45.175 ng

RT: 6.798 min Scan# 801

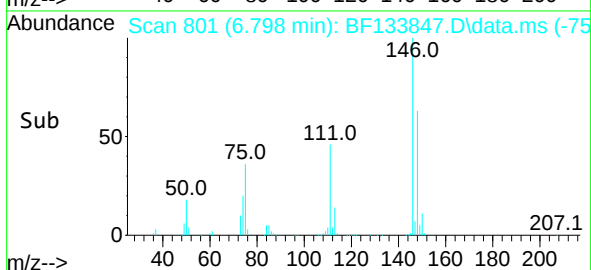
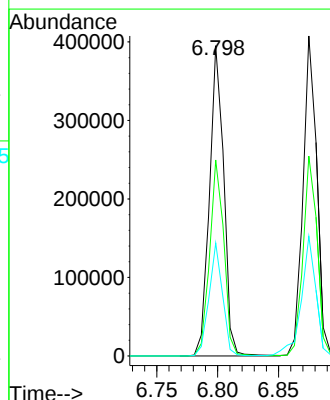
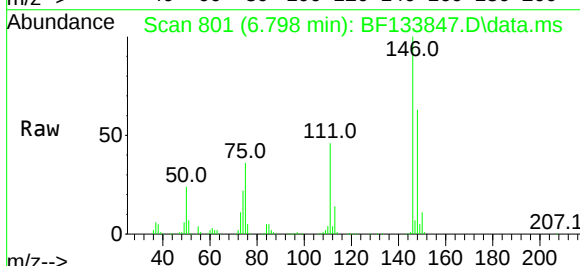
Delta R.T. -0.006 min

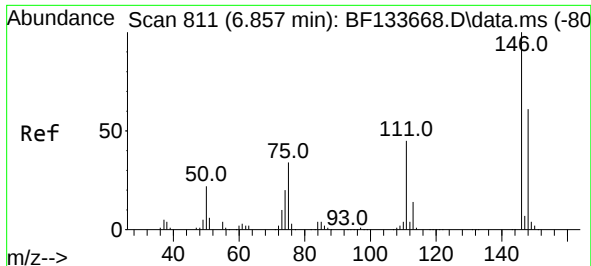
Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Tgt Ion:146 Resp: 321365

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.9	76.3
75	36.4	27.1	40.7





#13

1,4-Dichlorobenzene

Concen: 45.073 ng

RT: 6.875 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

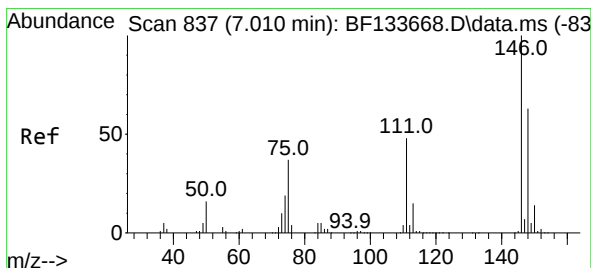
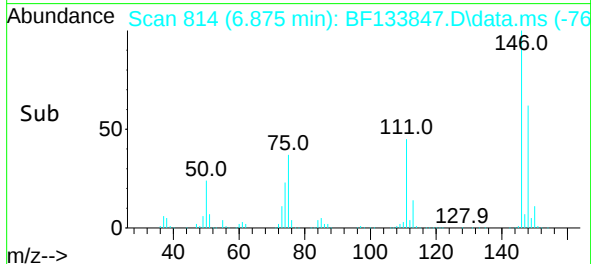
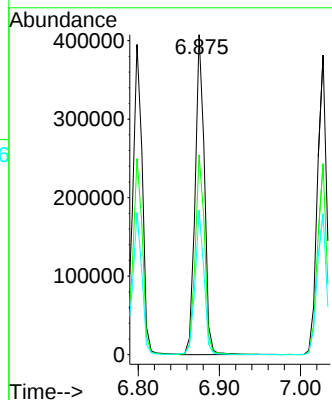
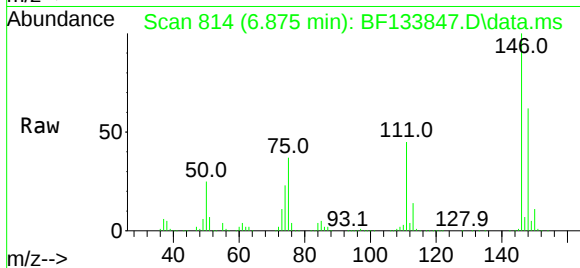
Tgt Ion:146 Resp: 324075
 Ion Ratio Lower Upper
 146 100
 148 62.4 48.9 73.3
 111 45.2 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#14

1,2-Dichlorobenzene

Concen: 47.010 ng

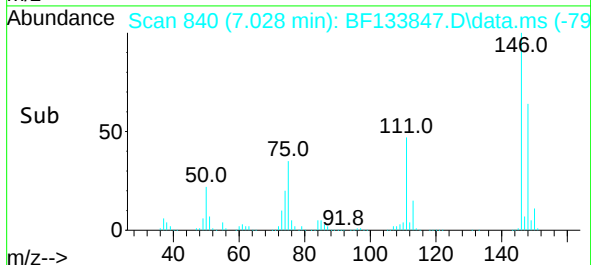
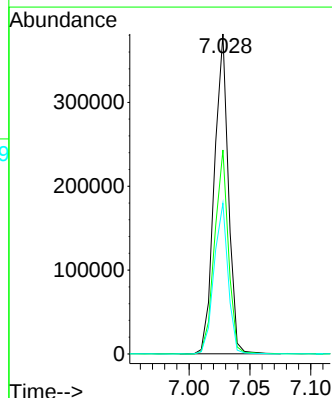
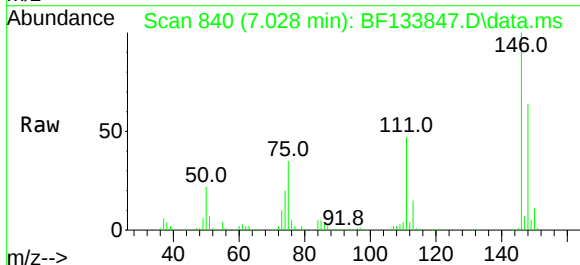
RT: 7.028 min Scan# 840

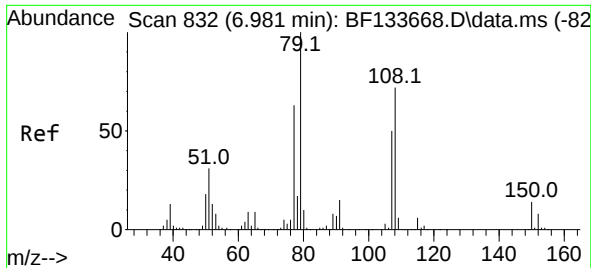
Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Tgt Ion:146 Resp: 305418
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 47.1 38.7 58.1





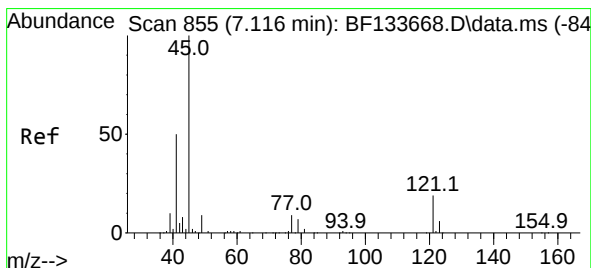
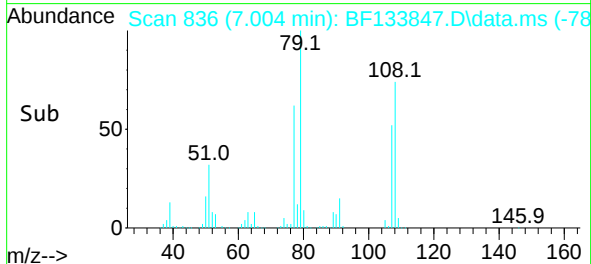
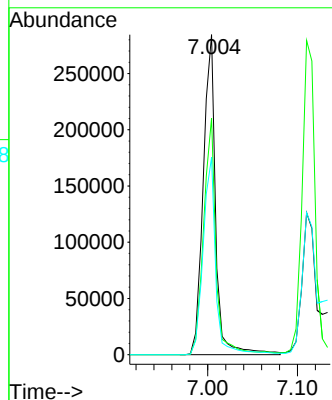
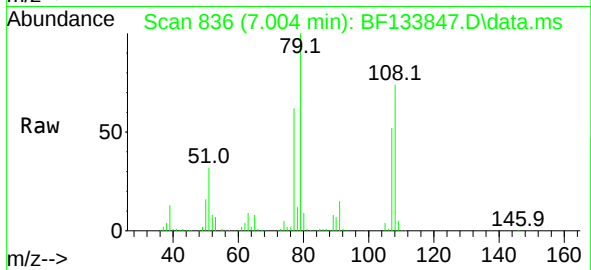
#15
Benzyl Alcohol
Concen: 42.588 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :
BNA_F
ClientSampleId :
PB153207BS

Tgt Ion: 79 Resp: 27354
Ion Ratio Lower Upper
79 100
108 73.9 57.9 86.9
77 61.6 50.4 75.6

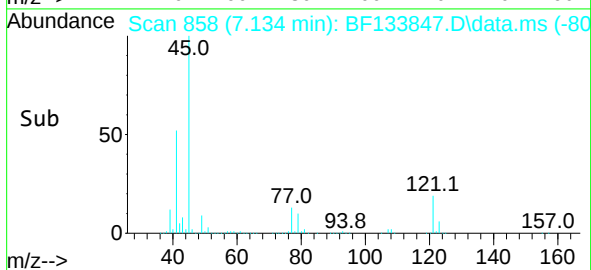
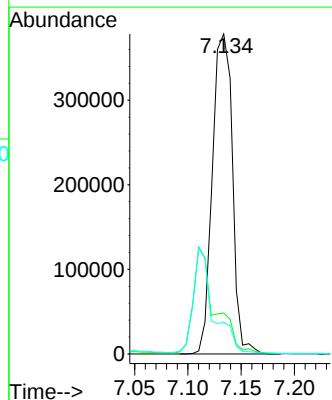
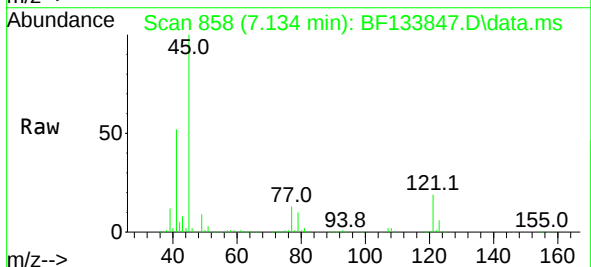
Manual Integrations
APPROVED

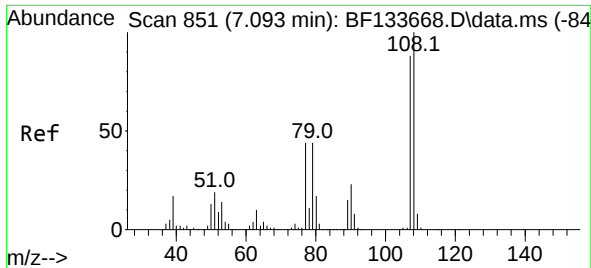
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.606 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion: 45 Resp: 492845
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.3
79 9.9 0.0 29.4





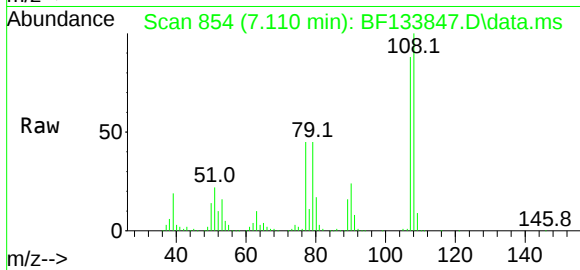
#17
2-Methylphenol
Concen: 40.902 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

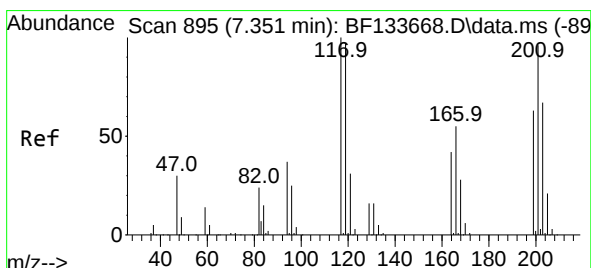
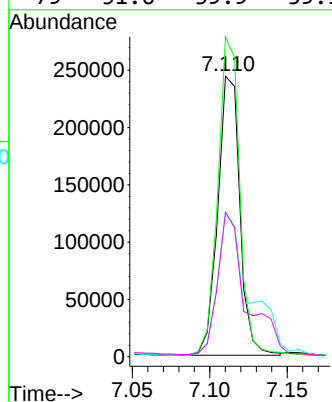
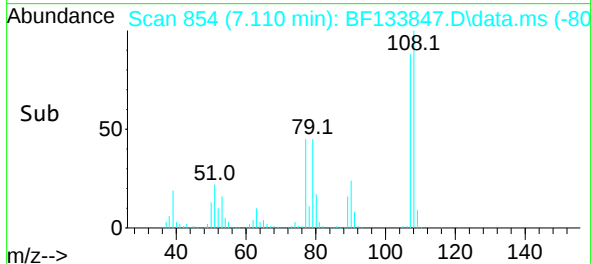


Tgt Ion:107 Resp: 24137
Ion Ratio Lower Upper
107 100
108 114.1 90.9 136.3
77 51.6 39.8 59.6
79 51.6 39.9 59.9

Manual Integrations

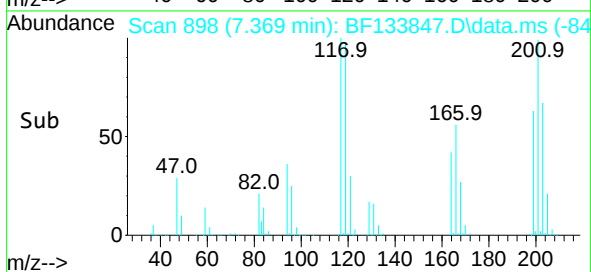
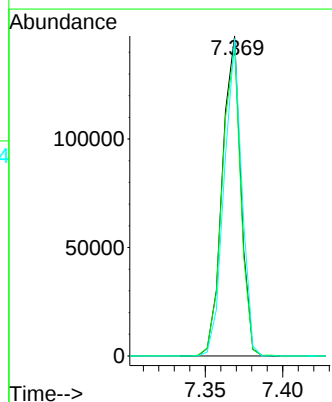
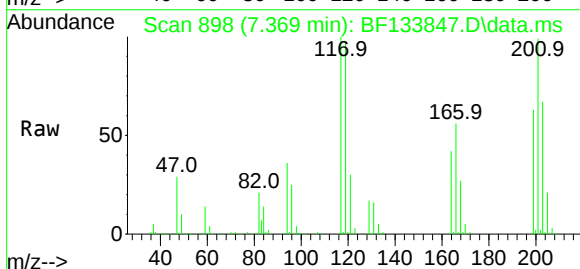
APPROVED

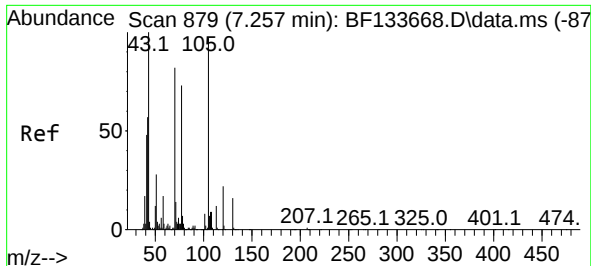
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#18
Hexachloroethane
Concen: 49.640 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:117 Resp: 122187
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
201 99.1 76.8 115.2





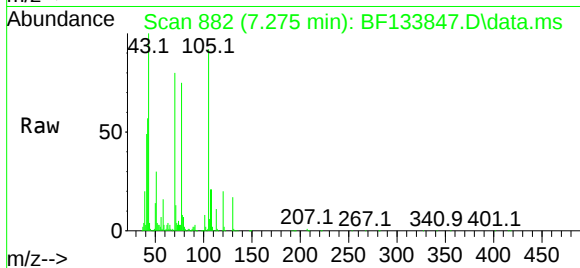
#19
n-Nitroso-di-n-propylamine
Concen: 41.052 ng
RT: 7.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

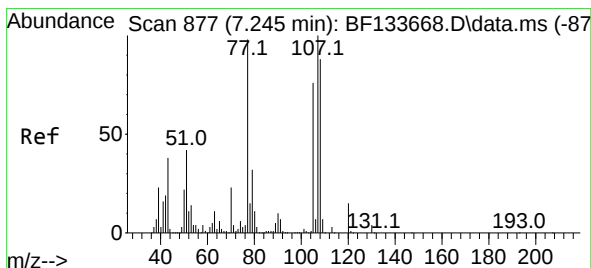
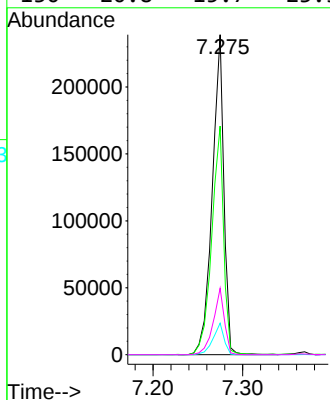
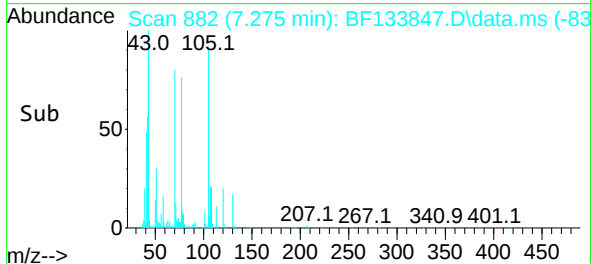
PB153207BS



Tgt Ion: 70 Resp: 214800
Ion Ratio Lower Upper
70 100
42 71.4 55.8 83.8
101 9.8 8.1 12.1
130 20.8 15.7 23.5

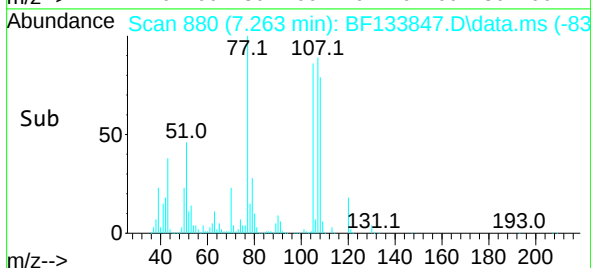
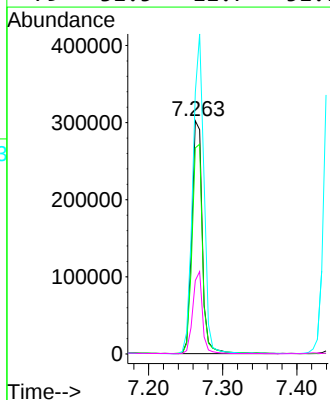
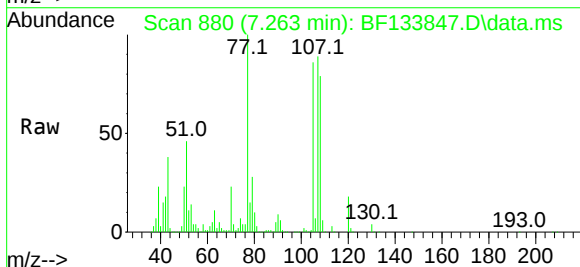
Manual Integrations
APPROVED

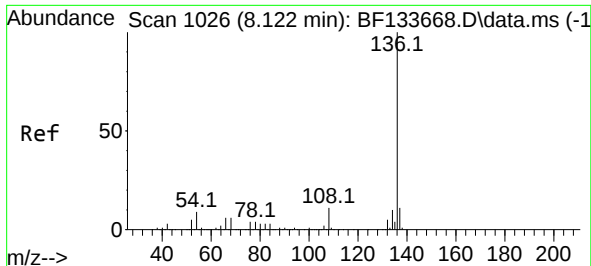
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#20
3+4-Methylphenols
Concen: 38.696 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

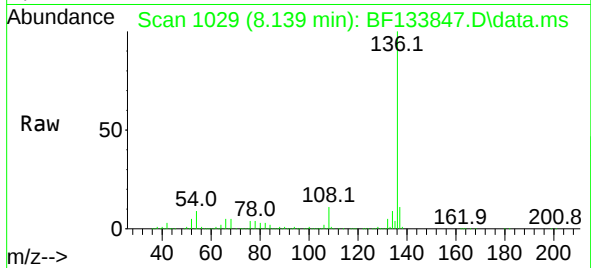
Tgt Ion:107 Resp: 297070
Ion Ratio Lower Upper
107 100
108 88.4 67.9 107.9
77 112.2 77.7 117.7
79 31.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

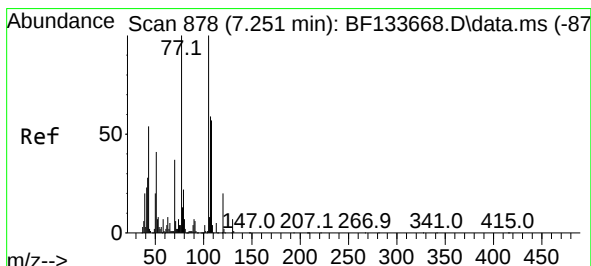
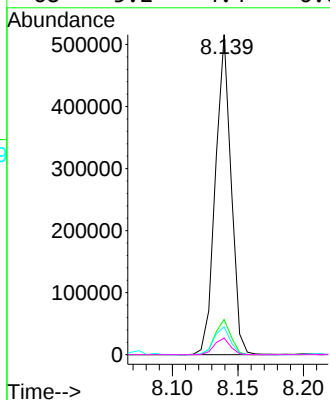
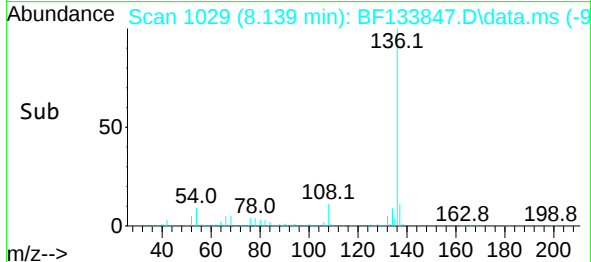
Instrument :
BNA_F
ClientSampleId :
PB153207BS



Tgt Ion:136 Resp: 42875
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.7 7.4 11.0
68 5.2 4.4 6.6

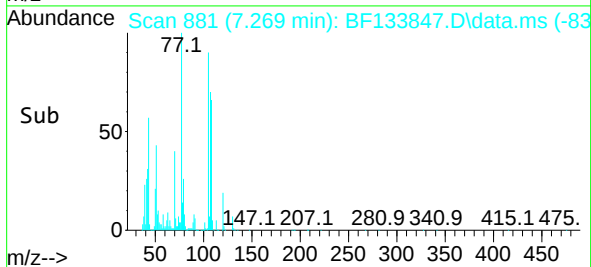
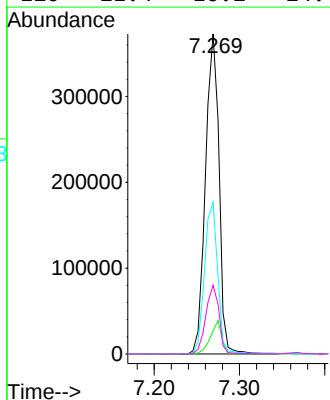
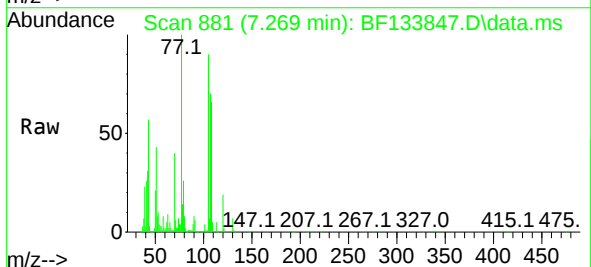
Manual Integrations
APPROVED

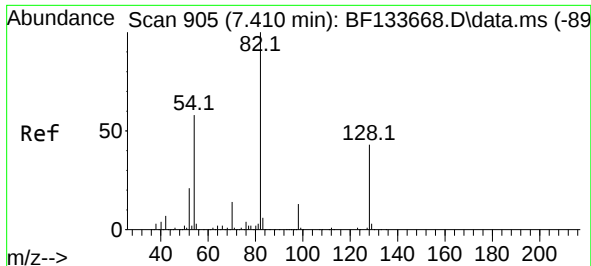
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#22
Acetophenone
Concen: 41.919 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:105 Resp: 412227
Ion Ratio Lower Upper
105 100
71 7.2 4.8 7.2
51 47.4 33.0 49.4
120 21.4 16.2 24.4





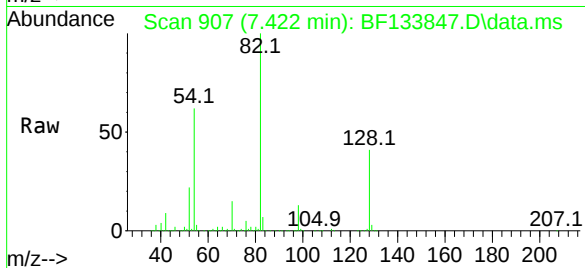
#23
Nitrobenzene-d5
Concen: 78.291 ng
RT: 7.422 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

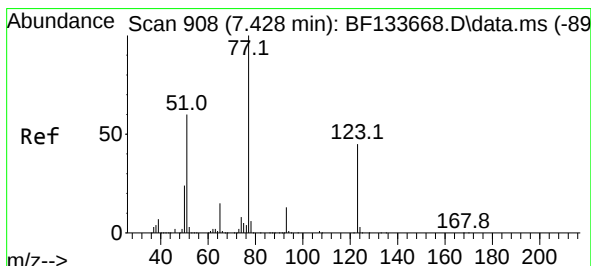
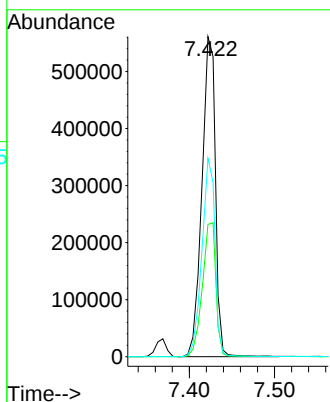
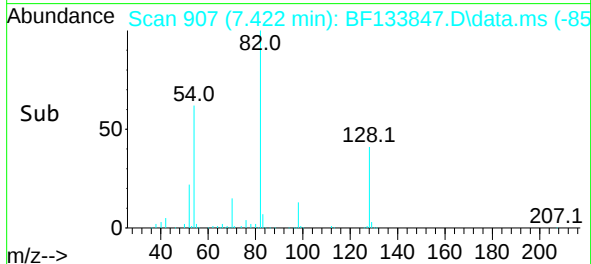
PB153207BS



Tgt Ion: 82 Resp: 61630
Ion Ratio Lower Upper
82 100
128 41.3 34.2 51.2
54 62.0 46.5 69.7

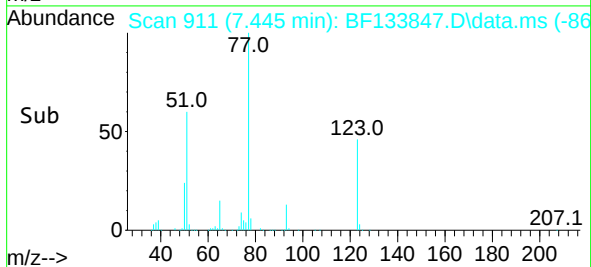
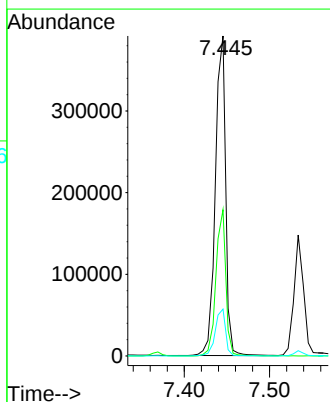
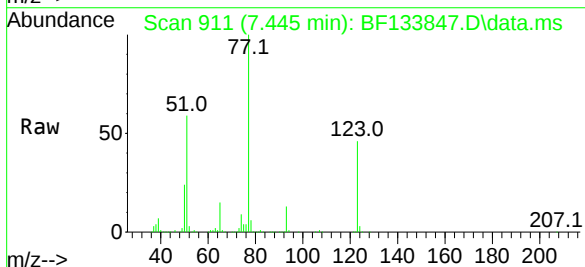
Manual Integrations
APPROVED

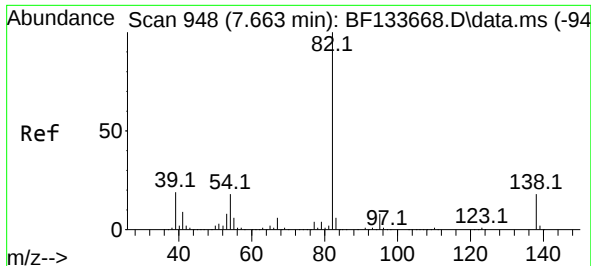
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#24
Nitrobenzene
Concen: 41.545 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion: 77 Resp: 329309
Ion Ratio Lower Upper
77 100
123 45.7 35.8 53.8
65 14.6 11.6 17.4





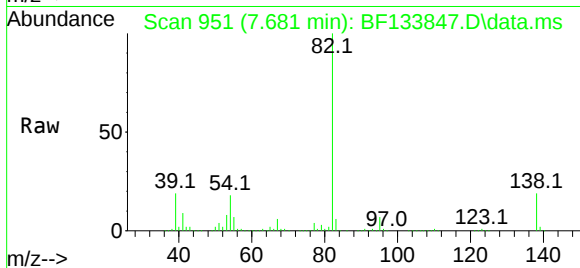
#25
Isophorone
Concen: 41.035 ng
RT: 7.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

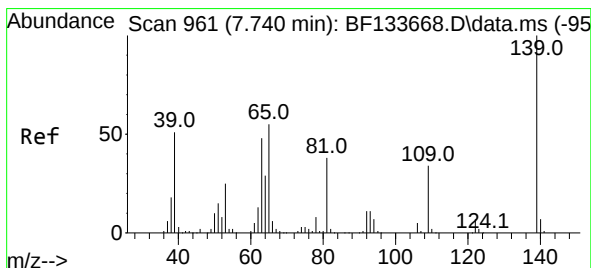
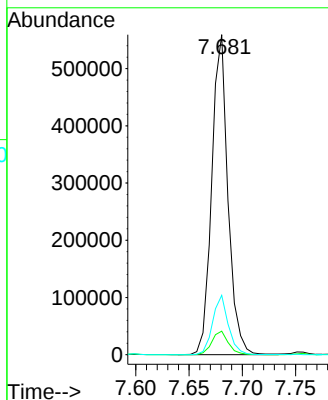
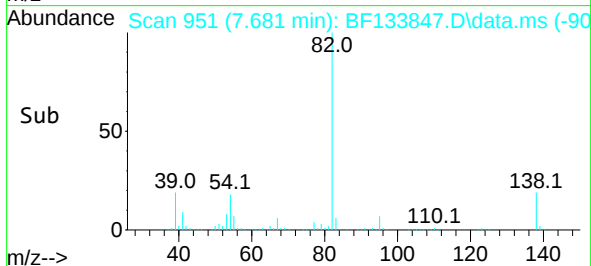
PB153207BS



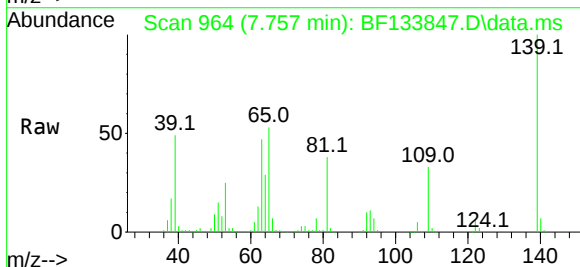
Tgt Ion: 82 Resp: 593038
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.5 14.2 21.2

Manual Integrations
APPROVED

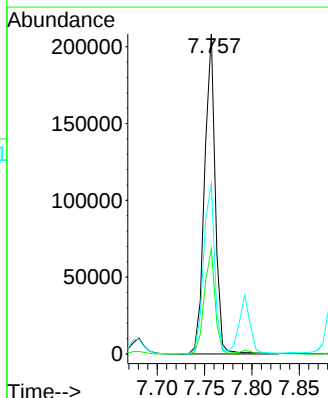
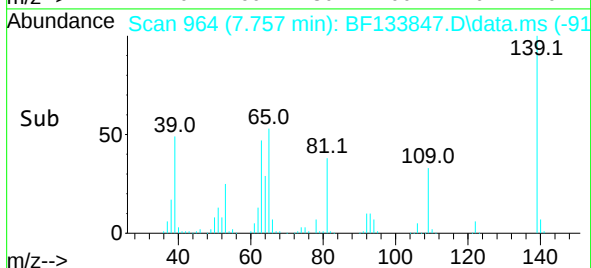
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

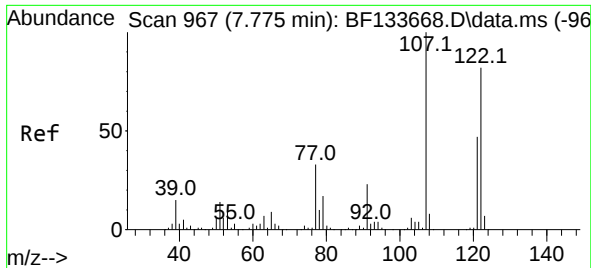


#26
2-Nitrophenol
Concen: 46.161 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:139 Resp: 164210
Ion Ratio Lower Upper
139 100
109 32.9 27.0 40.6
65 53.0 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 42.654 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

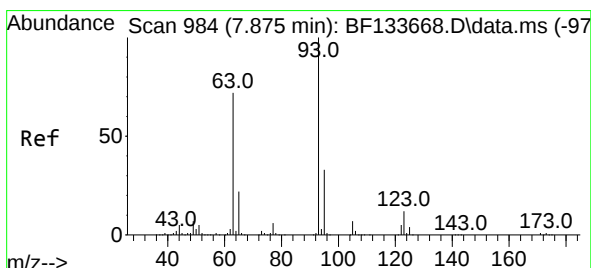
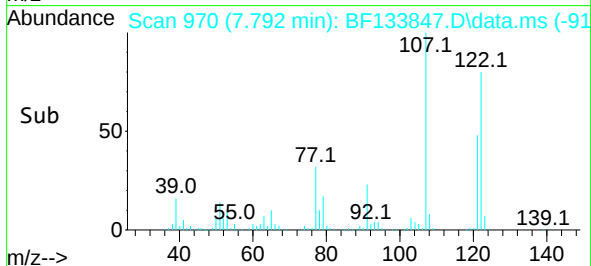
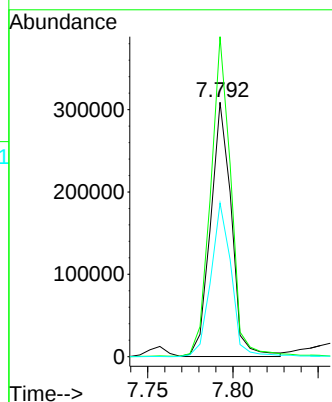
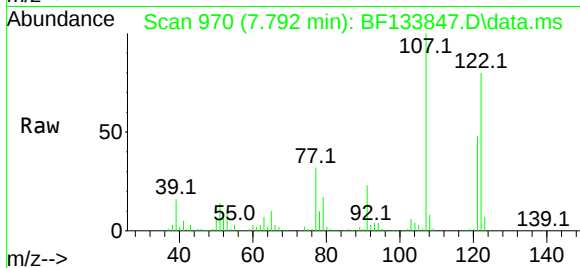
ClientSampleId :

PB153207BS

Tgt Ion:122 Resp: 26153
Ion Ratio Lower Upper
122 100
107 125.7 97.8 146.6
121 60.4 46.1 69.1

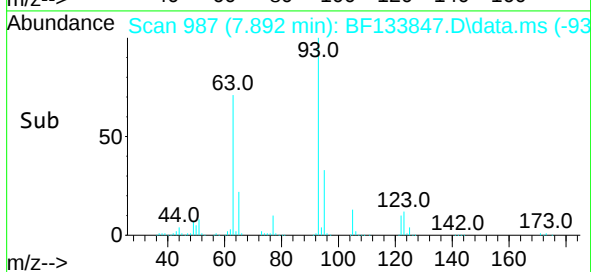
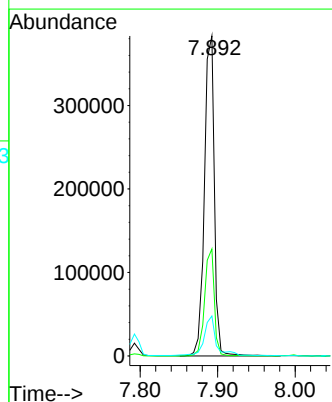
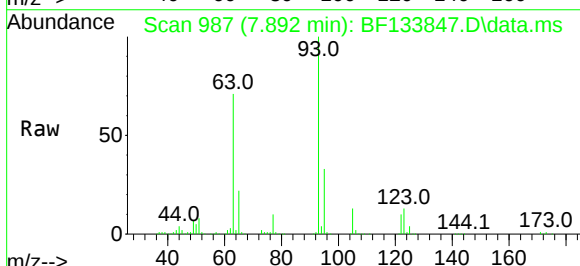
Manual Integrations
APPROVED

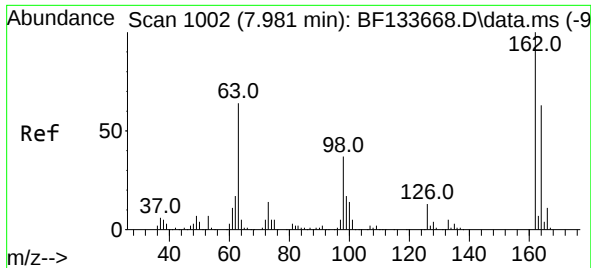
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.879 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion: 93 Resp: 341452
Ion Ratio Lower Upper
93 100
95 33.4 26.4 39.6
123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.112 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

Tgt Ion:162 Resp: 253060

Ion Ratio Lower Upper

162 100

164 63.4 43.4 83.4

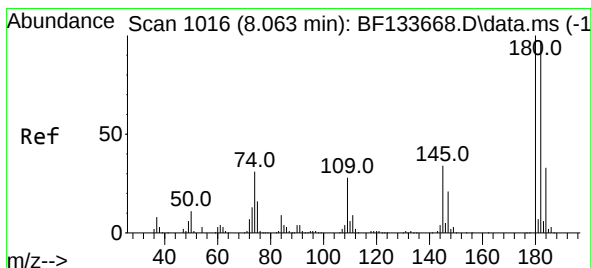
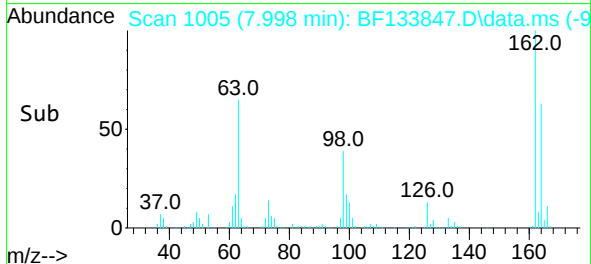
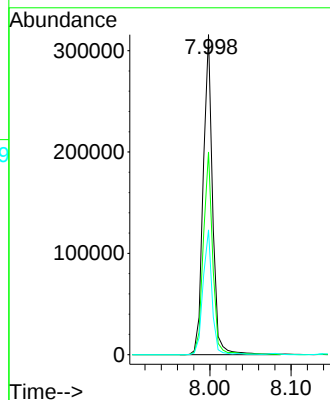
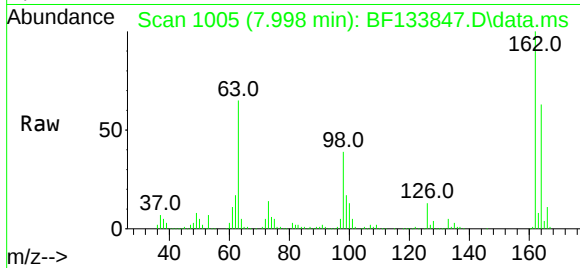
98 39.0 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.409 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

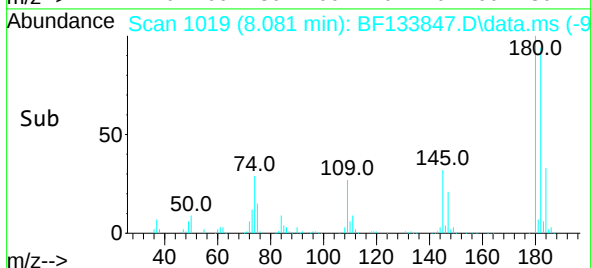
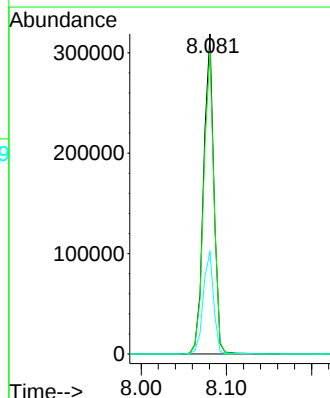
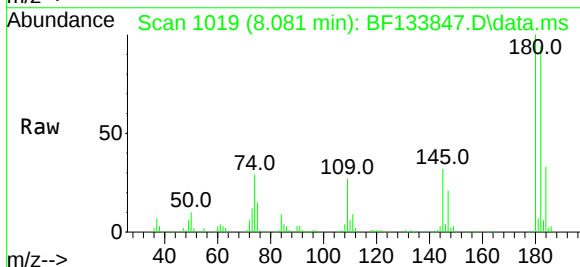
Tgt Ion:180 Resp: 265889

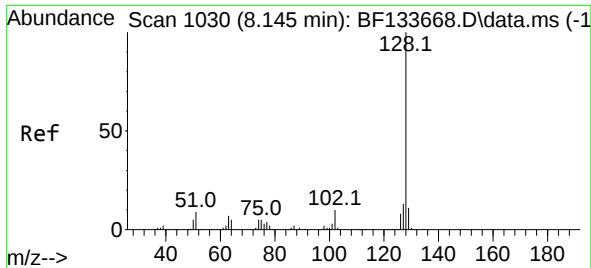
Ion Ratio Lower Upper

180 100

182 94.0 77.8 116.8

145 31.9 27.0 40.4





#31
Naphthalene
Concen: 40.416 ng
RT: 8.163 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

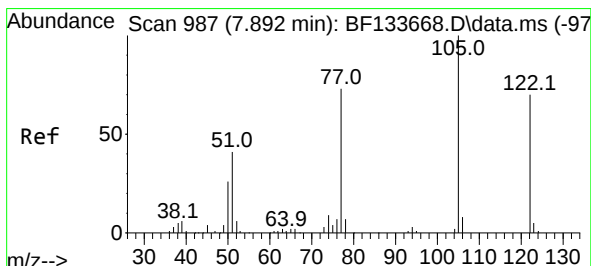
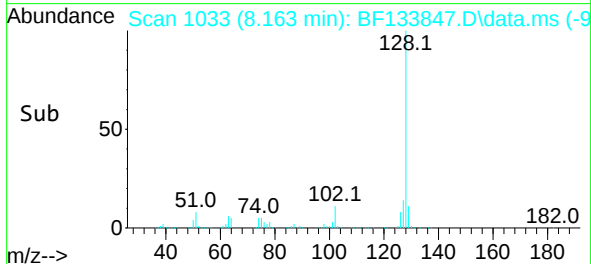
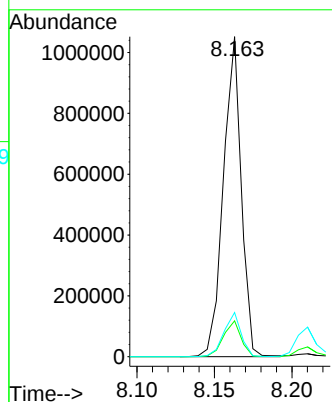
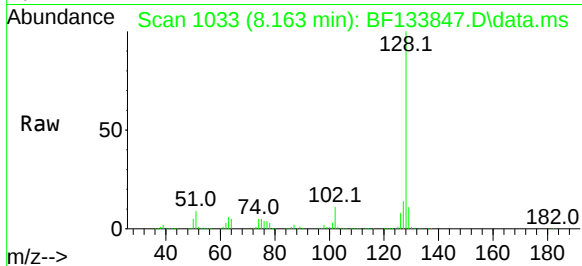
ClientSampleId :

PB153207BS

Tgt Ion:128 Resp: 84425
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.8 10.5 15.7

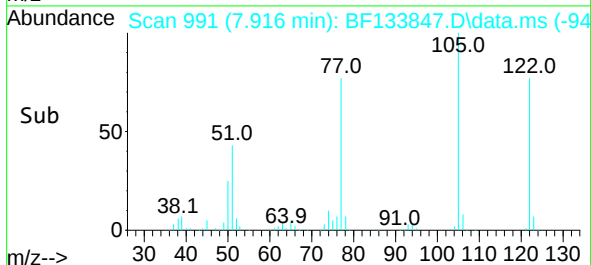
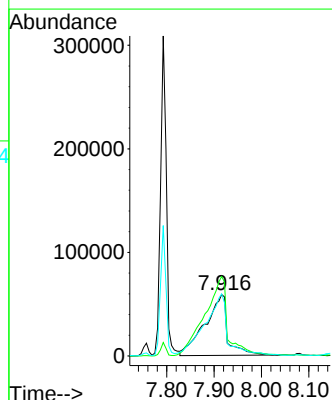
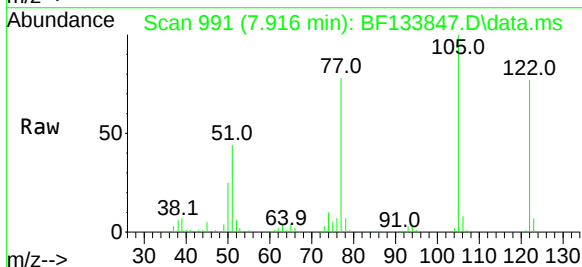
Manual Integrations
APPROVED

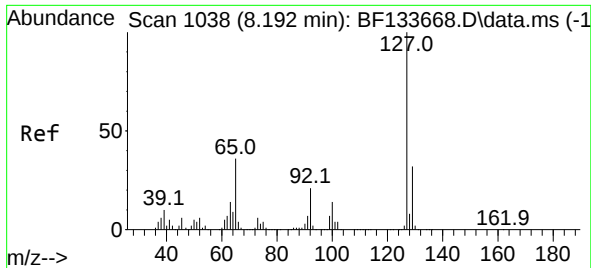
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#32
Benzoic acid
Concen: 51.026 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:122 Resp: 197318
Ion Ratio Lower Upper
122 100
105 129.3 116.3 156.3
77 101.2 82.4 122.4





#33
4-Chloroaniline
Concen: 10.254 ng
RT: 8.210 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

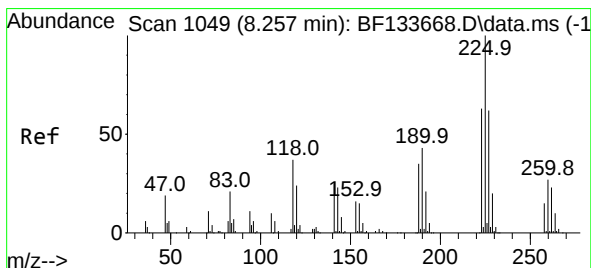
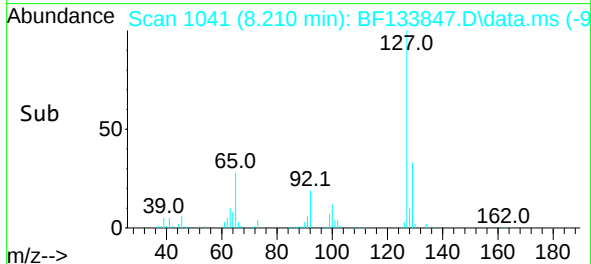
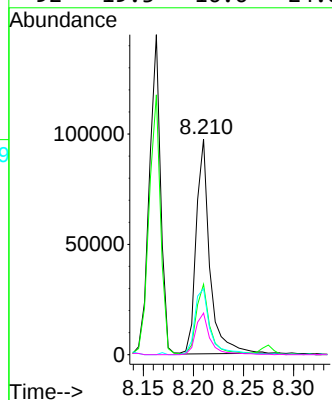
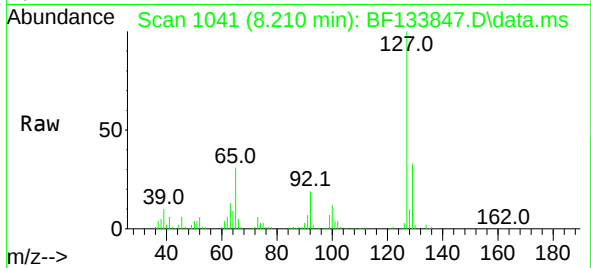
PB153207BS

Tgt Ion:127 Resp: 91590
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4
65 30.6 28.9 43.3
92 19.3 16.6 24.8

Manual Integrations

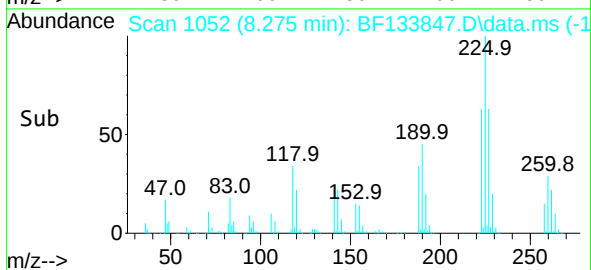
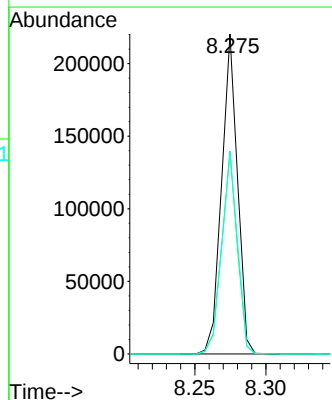
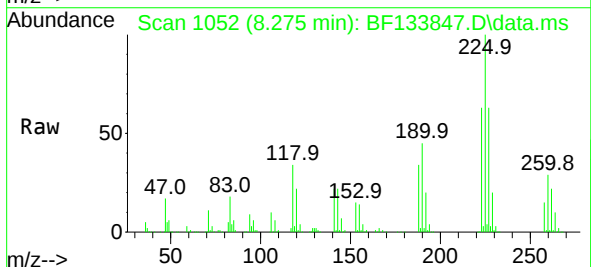
APPROVED

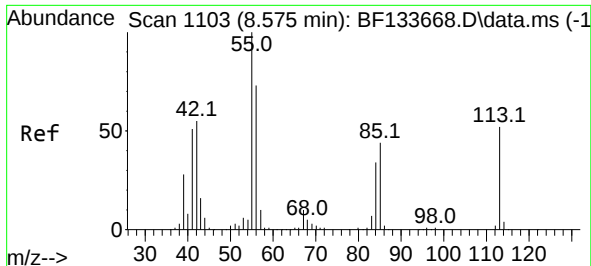
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#34
Hexachlorobutadiene
Concen: 41.567 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:225 Resp: 170629
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.4
227 63.2 49.5 74.3





#35
Caprolactam
Concen: 42.055 ng m
RT: 8.586 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

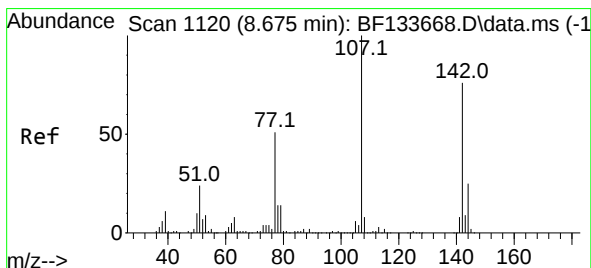
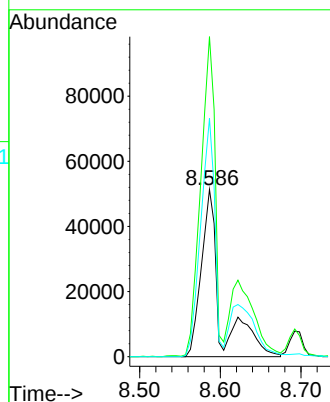
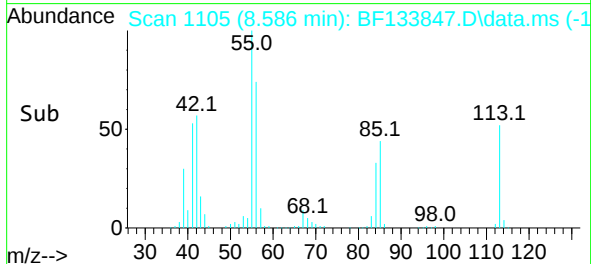
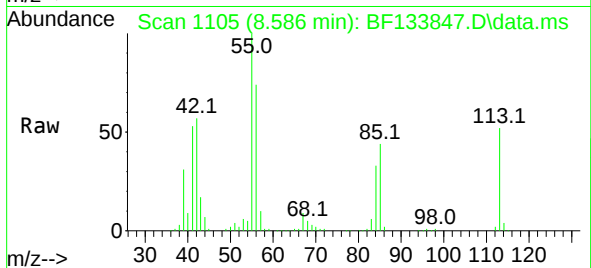
PB153207BS

Tgt Ion:113 Resp: 85039
Ion Ratio Lower Upper
113 100
55 191.3 173.3 213.3
56 142.4 120.5 160.5

Manual Integrations

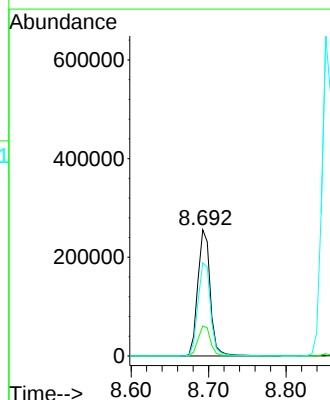
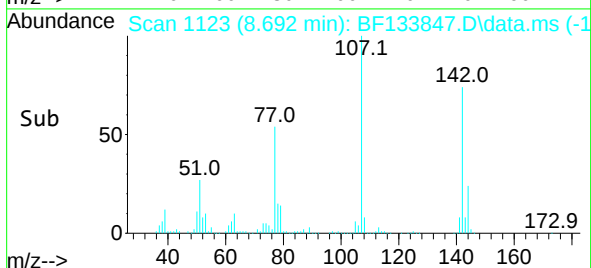
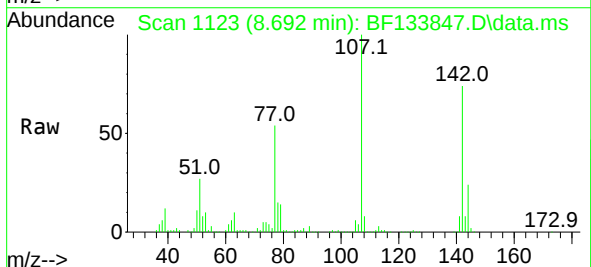
APPROVED

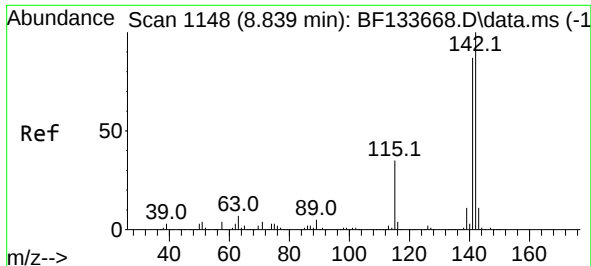
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#36
4-Chloro-3-methylphenol
Concen: 41.296 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:107 Resp: 286043
Ion Ratio Lower Upper
107 100
144 23.7 19.7 29.5
142 73.7 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.454 ng

RT: 8.851 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

Tgt Ion:142 Resp: 572630

Ion Ratio Lower Upper

142 100

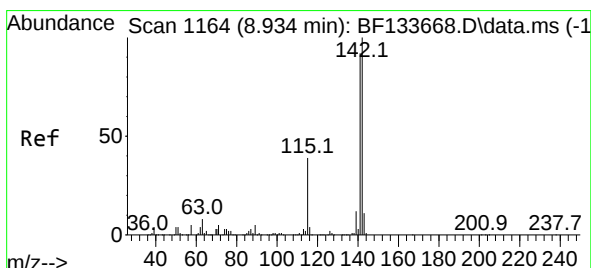
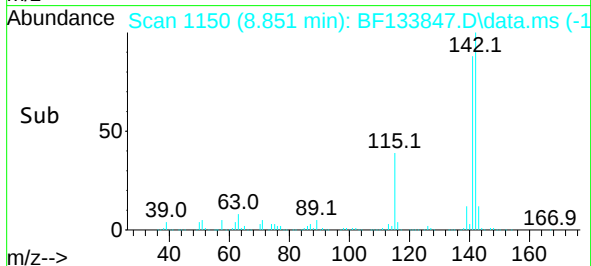
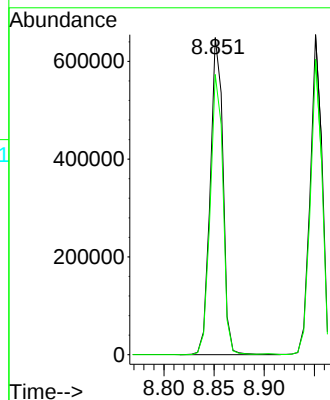
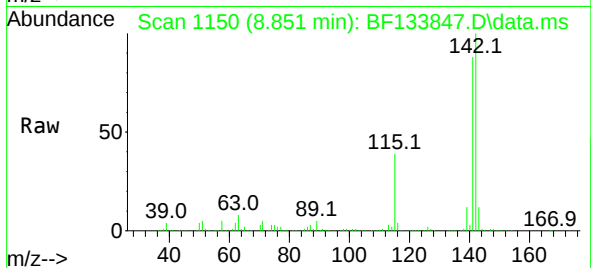
141 88.3 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#38

1-Methylnaphthalene

Concen: 39.806 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF133847.D

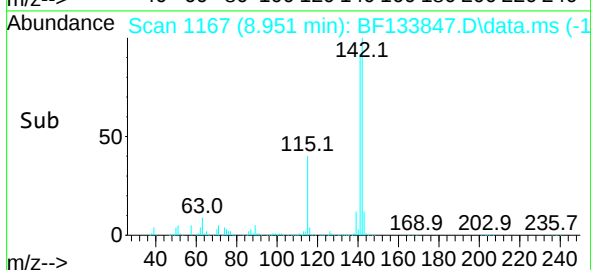
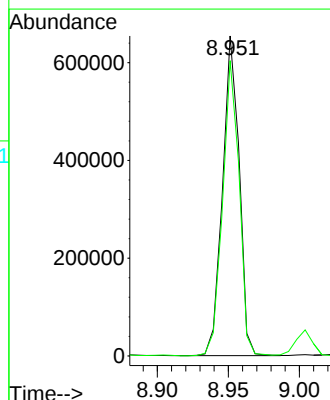
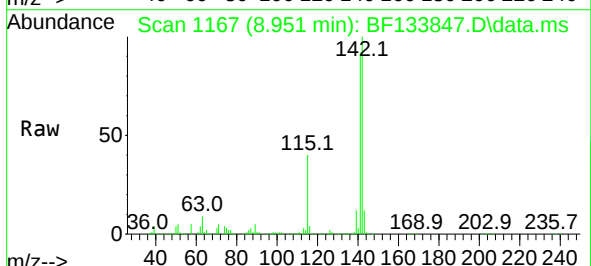
Acq: 20 Jun 2023 10:06

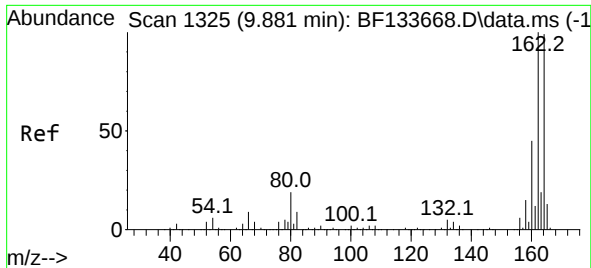
Tgt Ion:142 Resp: 531635

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.0





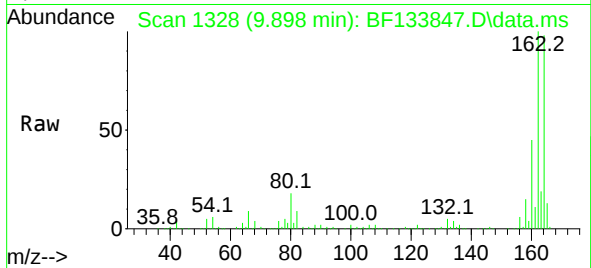
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS



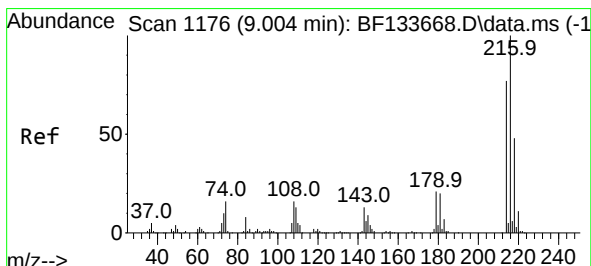
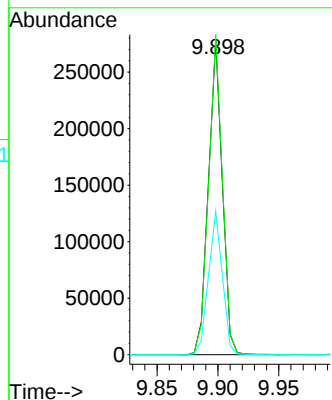
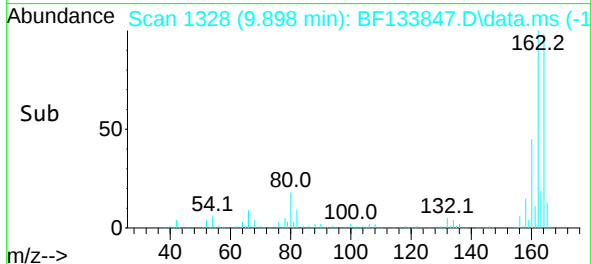
Tgt Ion:164 Resp: 22113
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 45.6 36.7 55.1

Manual Integrations

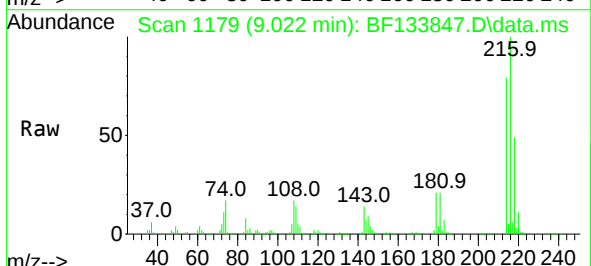
APPROVED

Reviewed By :Yogesh Patel 06/21/2023

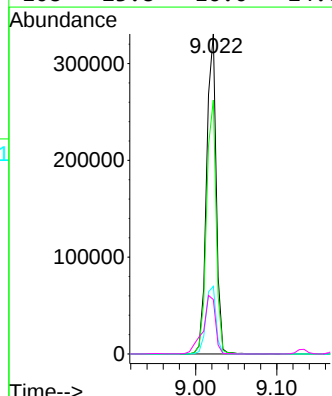
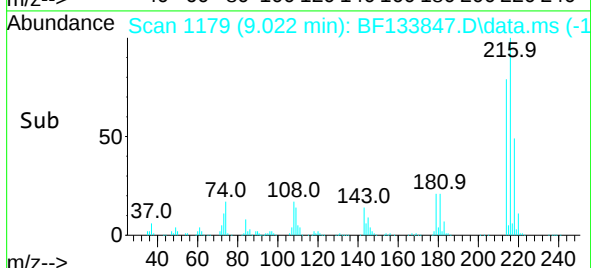
Supervised By :mohammad ahmed 06/21/2023

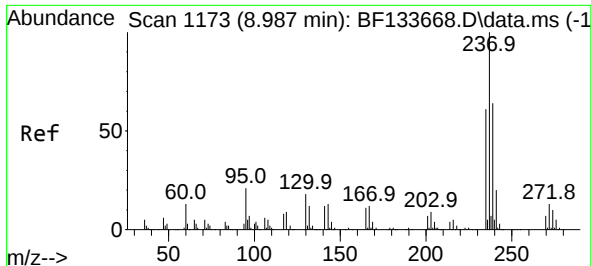


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.179 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:216 Resp: 270105
Ion Ratio Lower Upper
216 100
214 79.5 62.7 94.1
179 22.3 17.6 26.4
108 23.8 16.0 24.0





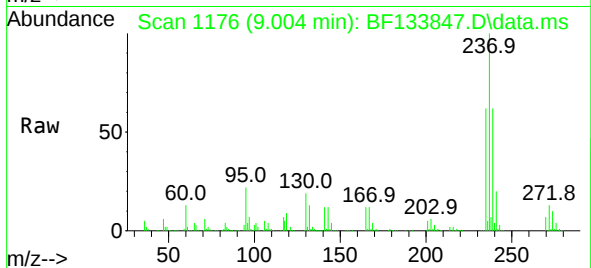
#41
Hexachlorocyclopentadiene
Concen: 114.856 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

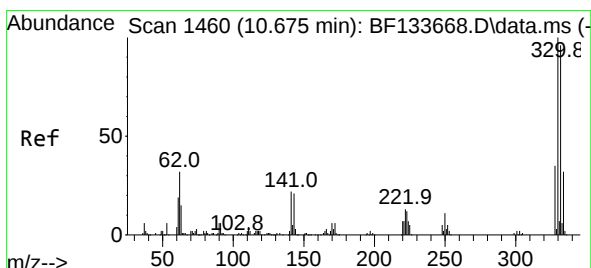
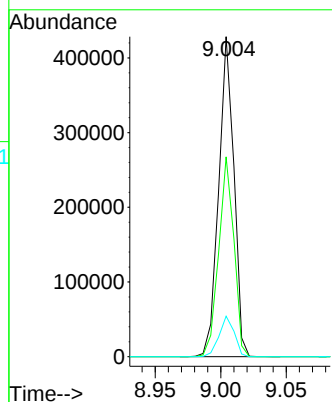
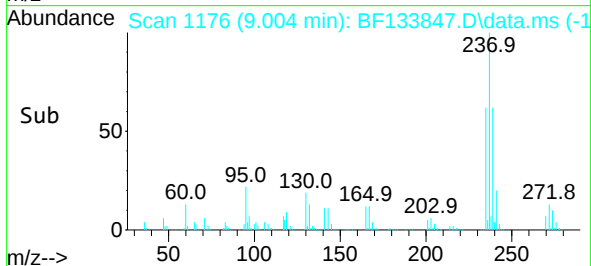


Tgt Ion:237 Resp: 34408
Ion Ratio Lower Upper
237 100
235 62.4 40.6 80.6
272 12.6 0.0 32.6

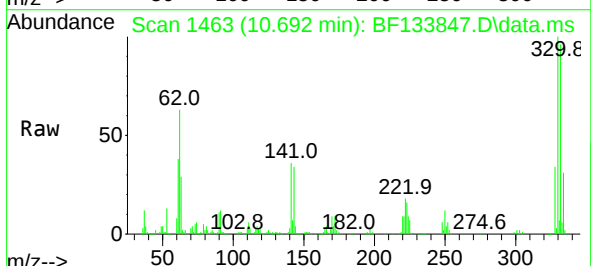
Manual Integrations

APPROVED

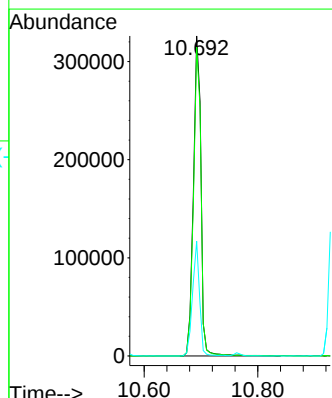
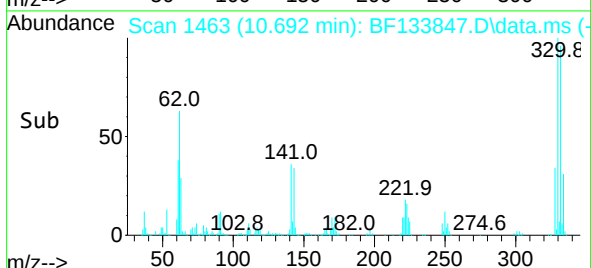
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

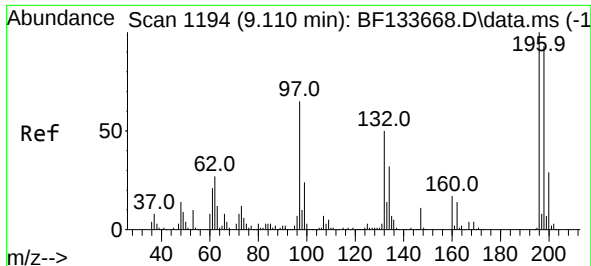


#42
2,4,6-Tribromophenol
Concen: 107.491 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:330 Resp: 300882
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 33.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 40.457 ng

RT: 9.133 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF133847.D

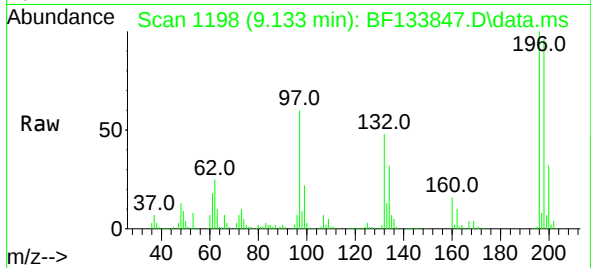
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS



Tgt Ion:196 Resp: 18174

Ion Ratio Lower Upper

196 100

198 95.6 74.5 111.7

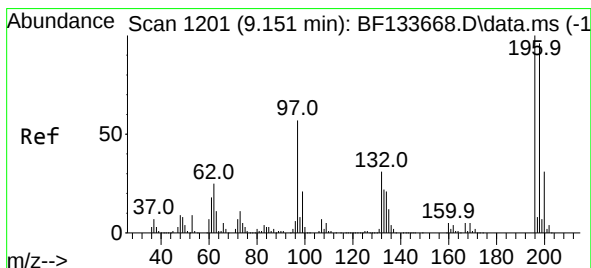
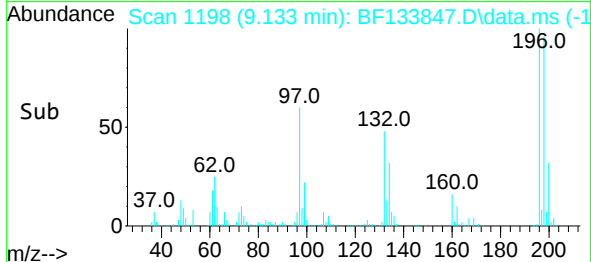
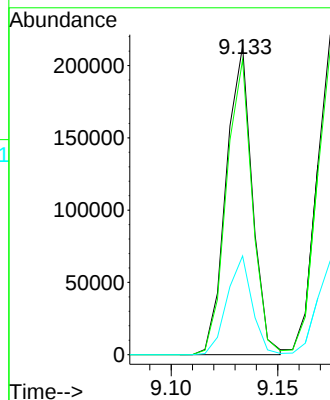
200 32.0 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#44

2,4,5-Trichlorophenol

Concen: 38.088 ng

RT: 9.175 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Tgt Ion:196 Resp: 199062

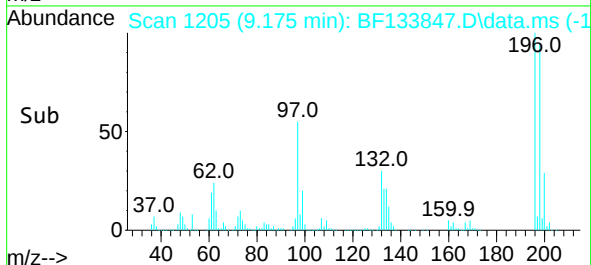
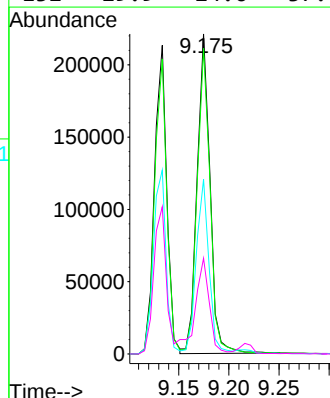
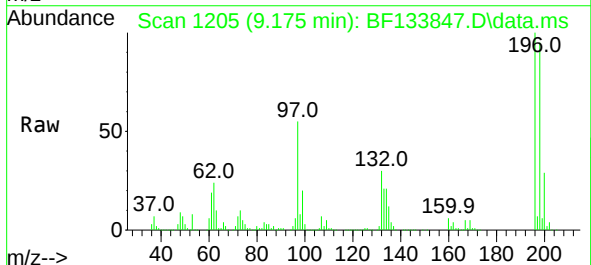
Ion Ratio Lower Upper

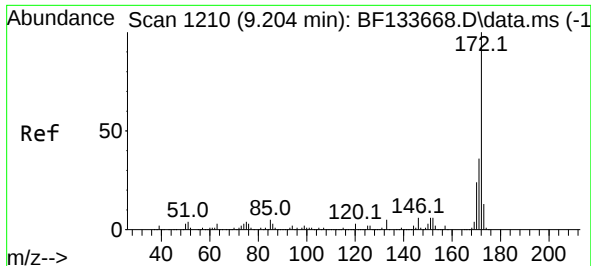
196 100

198 95.4 76.8 115.2

97 54.6 45.4 68.2

132 29.9 24.6 37.0





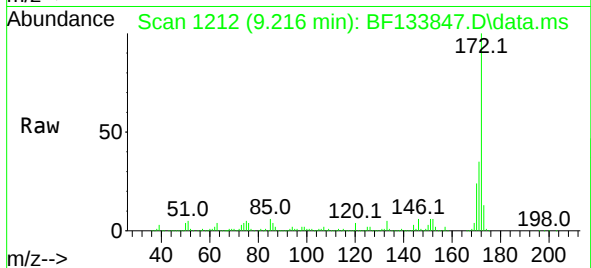
#45
2-Fluorobiphenyl
Concen: 74.490 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

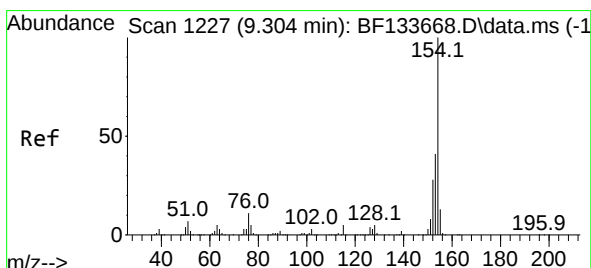
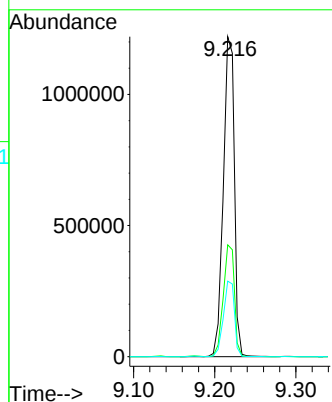
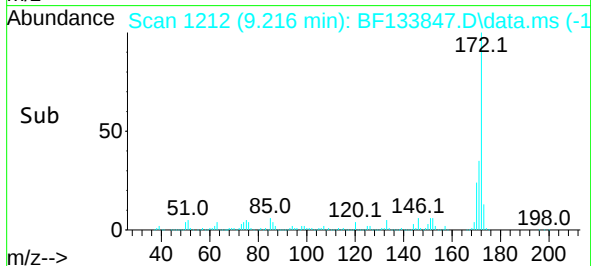


Tgt Ion:172 Resp: 1158778
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 19.1 28.7

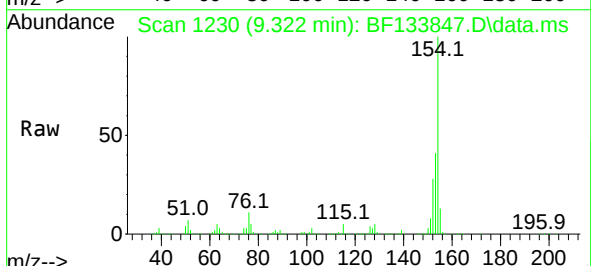
Manual Integrations

APPROVED

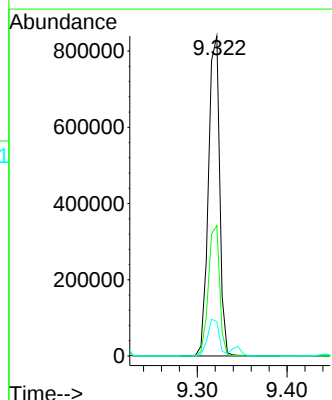
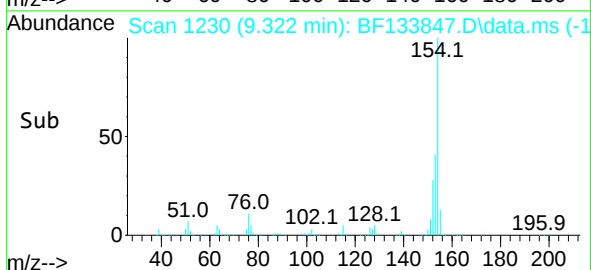
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

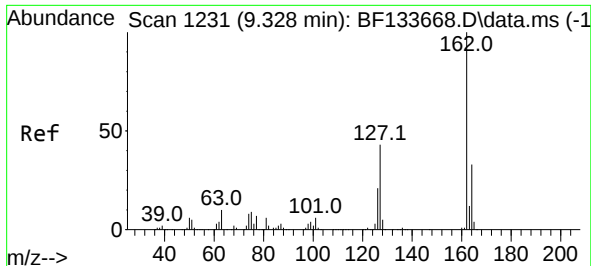


#46
1,1'-Biphenyl
Concen: 40.911 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:154 Resp: 729627
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 10.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.821 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

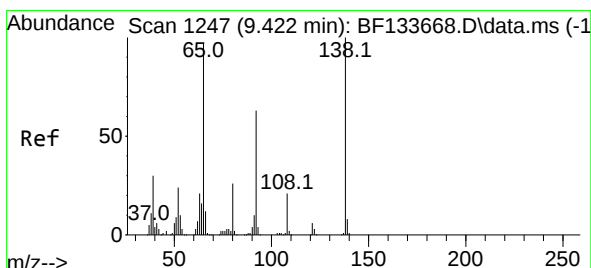
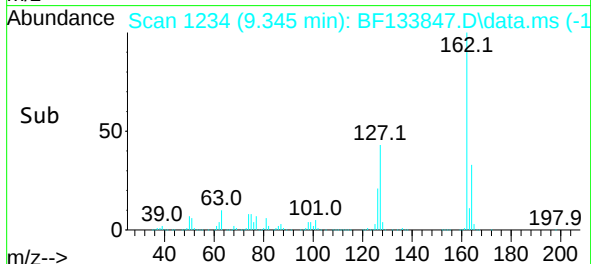
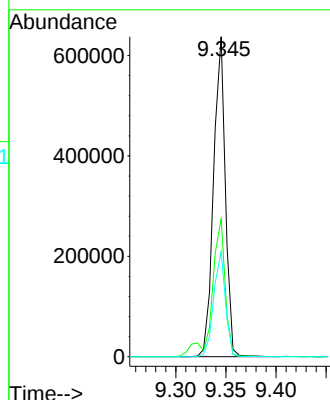
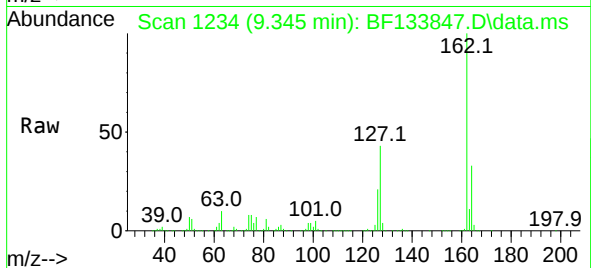
ClientSampleId :

PB153207BS

Tgt Ion:162 Resp: 52222
 Ion Ratio Lower Upper
 162 100
 127 43.0 34.6 52.0
 164 32.9 26.4 39.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023



#48

2-Nitroaniline

Concen: 40.411 ng

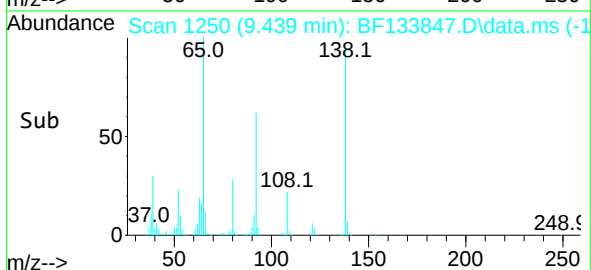
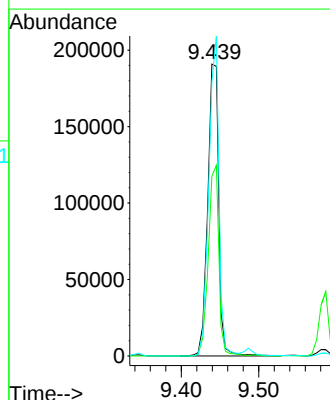
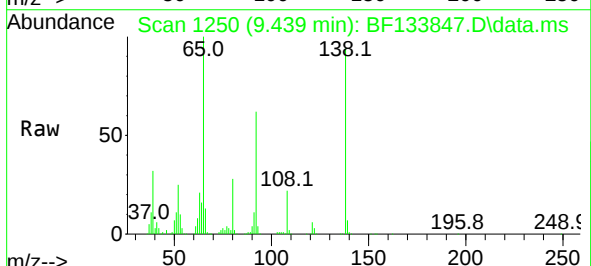
RT: 9.439 min Scan# 1250

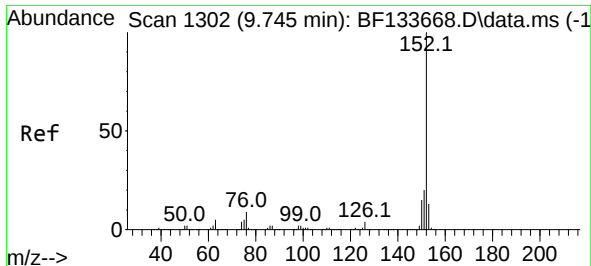
Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Tgt Ion: 65 Resp: 189075
 Ion Ratio Lower Upper
 65 100
 92 61.6 51.8 77.6
 138 93.9 82.1 123.1





#49
Acenaphthylene
Concen: 39.672 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

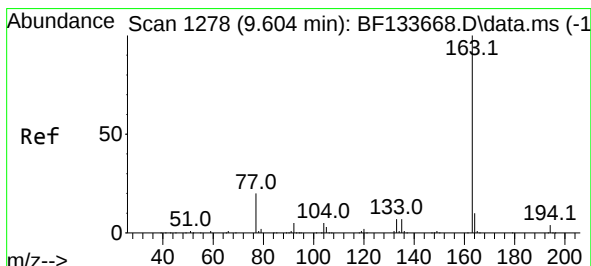
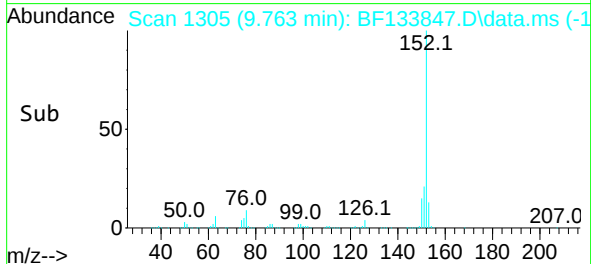
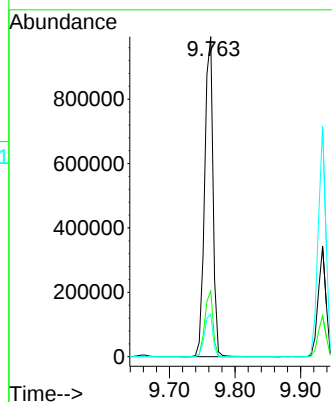
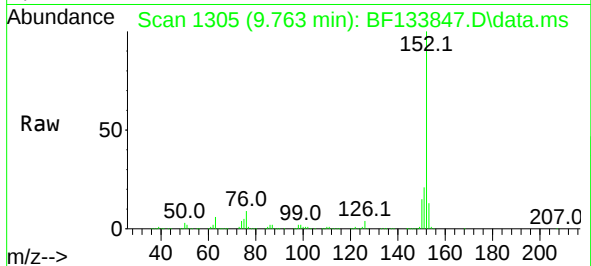
ClientSampleId :

PB153207BS

Tgt Ion:152 Resp: 88335
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.2 10.4 15.6

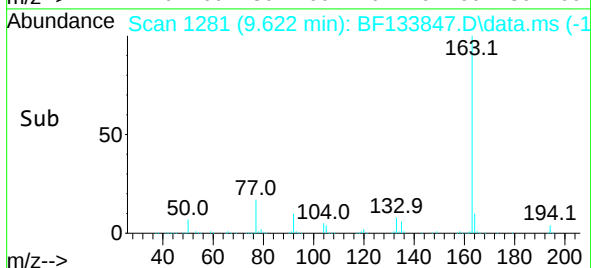
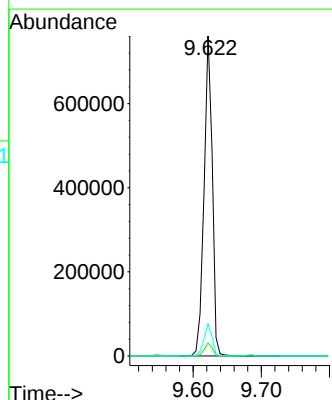
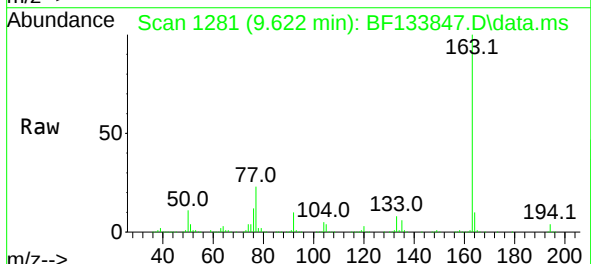
Manual Integrations
APPROVED

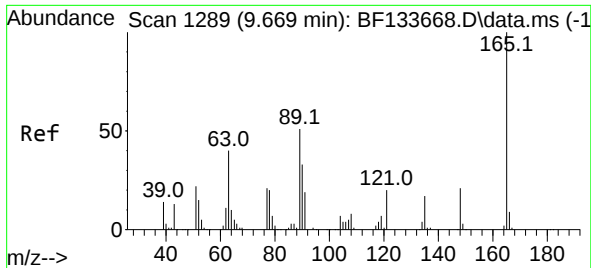
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#50
Dimethylphthalate
Concen: 38.759 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:163 Resp: 639754
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 41.711 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

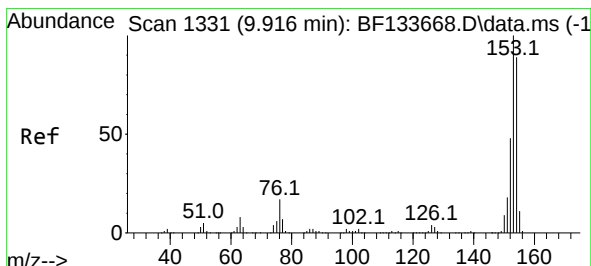
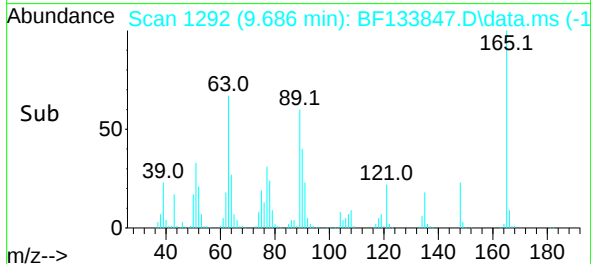
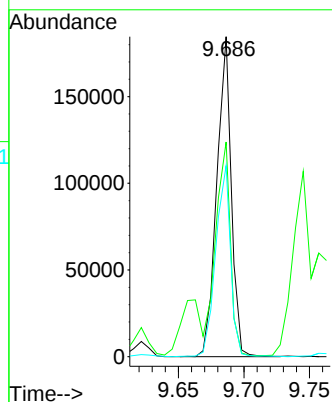
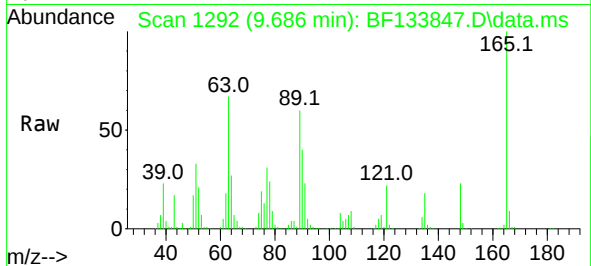
ClientSampleId :

PB153207BS

Tgt Ion:165 Resp: 142100
Ion Ratio Lower Upper
165 100
63 67.1 42.1 63.1
89 59.7 40.9 61.3

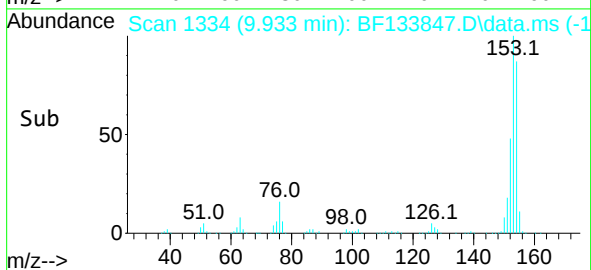
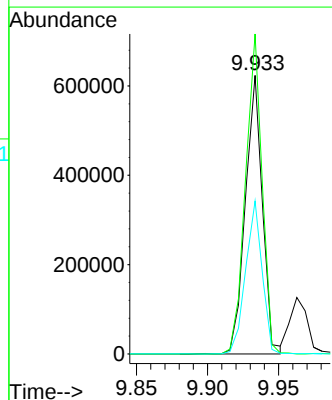
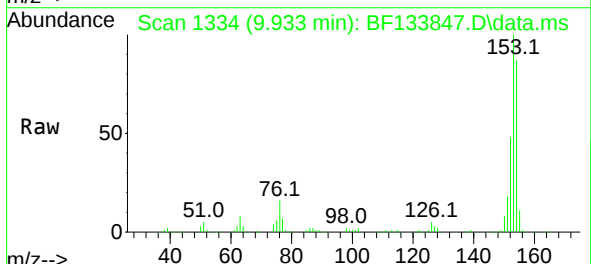
Manual Integrations
APPROVED

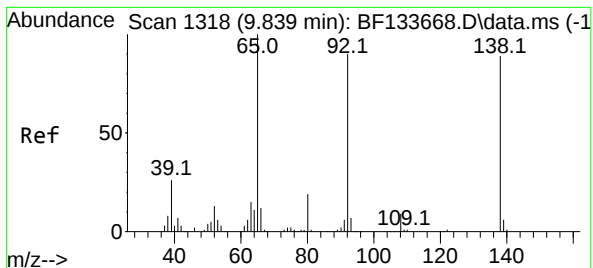
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#52
Acenaphthene
Concen: 39.903 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:154 Resp: 520063
Ion Ratio Lower Upper
154 100
153 114.8 89.8 134.8
152 54.9 43.4 65.2





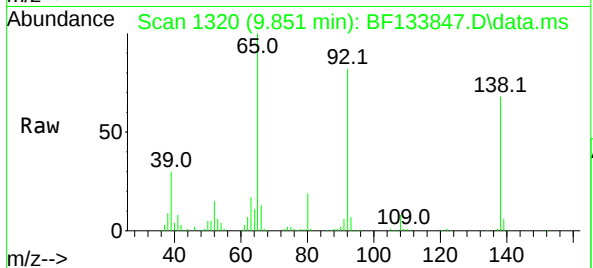
#53
3-Nitroaniline
Concen: 22.929 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

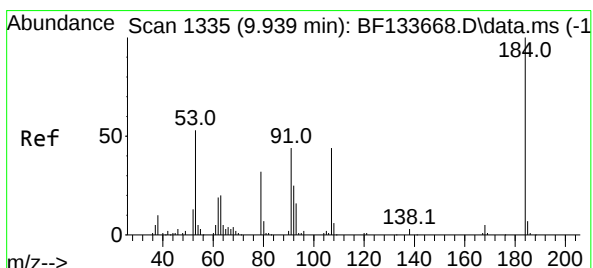
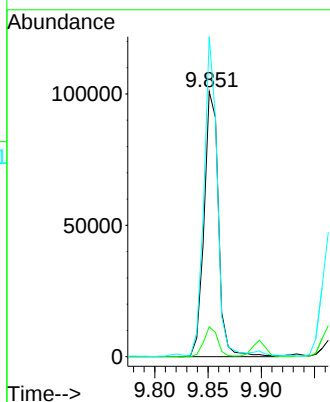
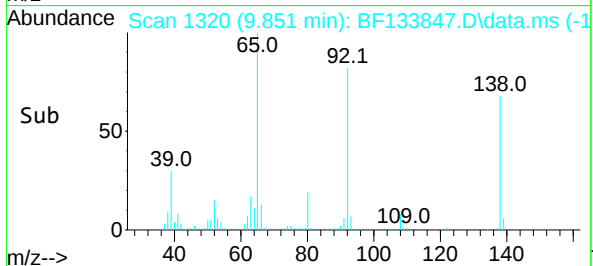


Tgt Ion:138 Resp: 9506
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.4
92 120.7 81.0 121.6

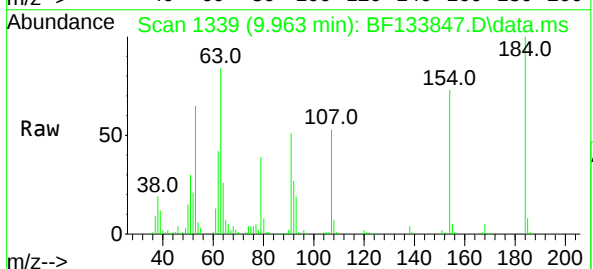
Manual Integrations

APPROVED

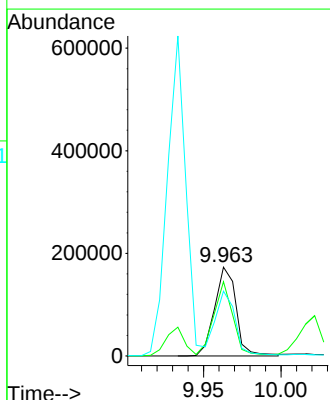
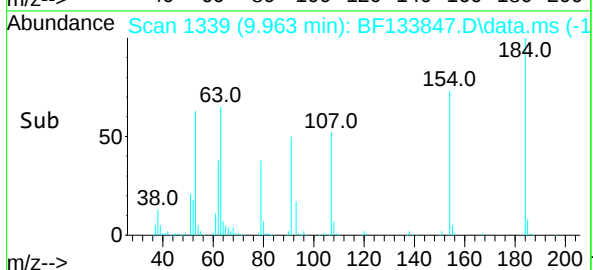
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

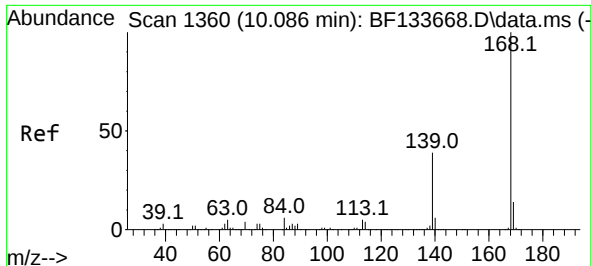


#54
2,4-Dinitrophenol
Concen: 99.024 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



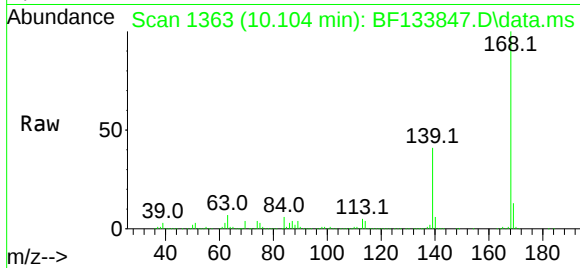
Tgt Ion:184 Resp: 167297
Ion Ratio Lower Upper
184 100
63 83.7 55.3 82.9#
154 73.0 51.9 77.9





#55
Dibenzenofuran
Concen: 40.040 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

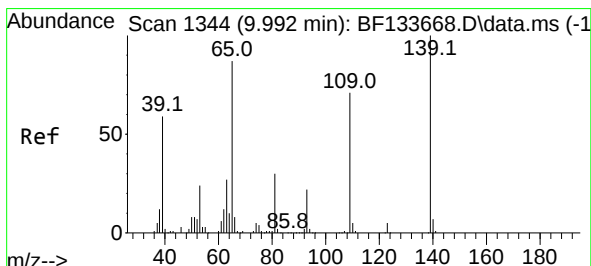
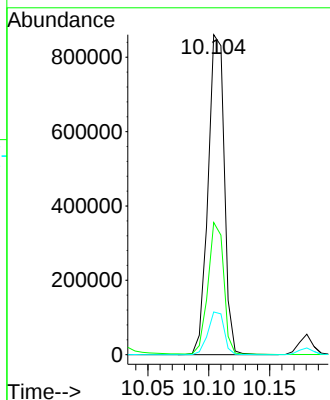
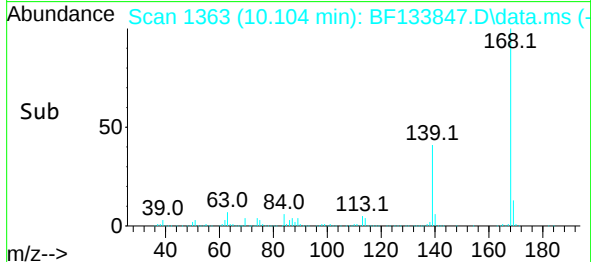
Instrument :
BNA_F
ClientSampleId :
PB153207BS



Tgt Ion:168 Resp: 796295
Ion Ratio Lower Upper
168 100
139 41.3 30.9 46.3
169 13.4 10.9 16.3

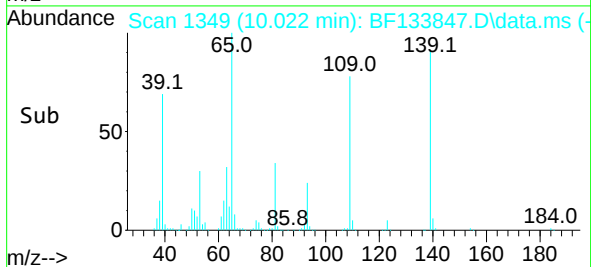
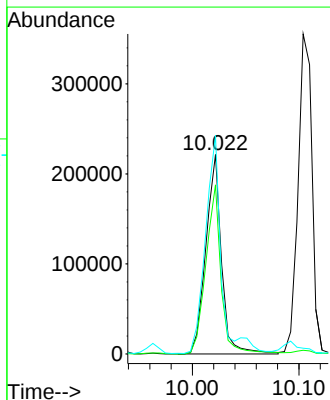
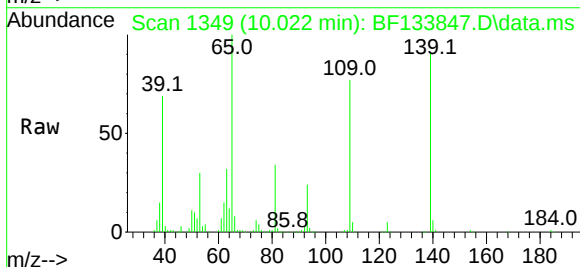
Manual Integrations
APPROVED

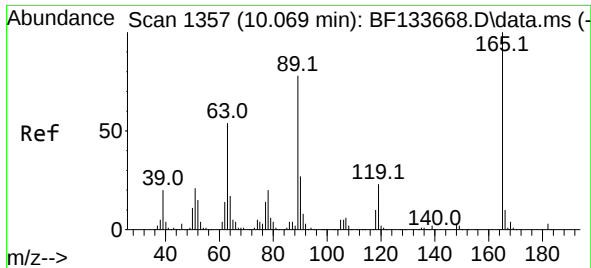
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#56
4-Nitrophenol
Concen: 81.159 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:139 Resp: 227092
Ion Ratio Lower Upper
139 100
109 84.8 50.7 90.7
65 109.5 67.1 107.1#





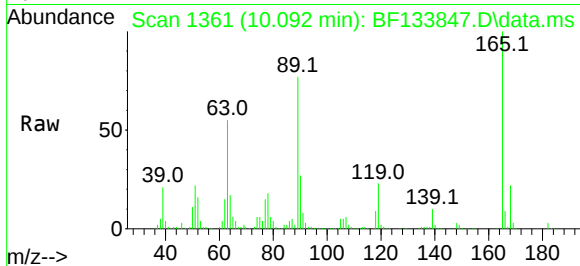
#57
2,4-Dinitrotoluene
Concen: 43.245 ng
RT: 10.092 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

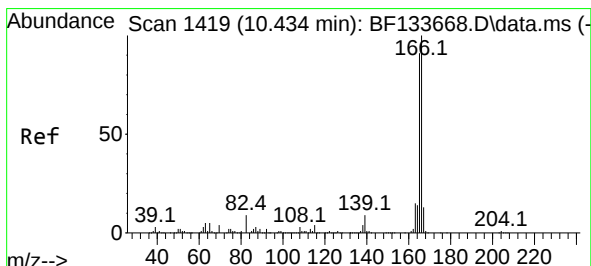
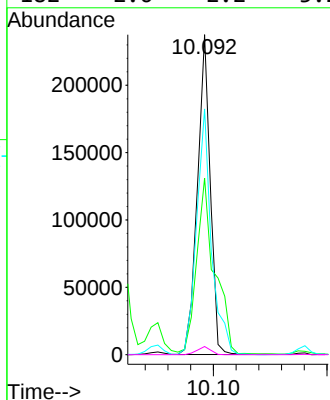
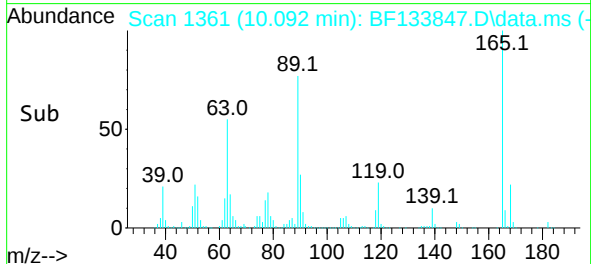


Tgt Ion:165 Resp: 187378
Ion Ratio Lower Upper
165 100
63 55.2 43.0 64.6
89 76.8 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations

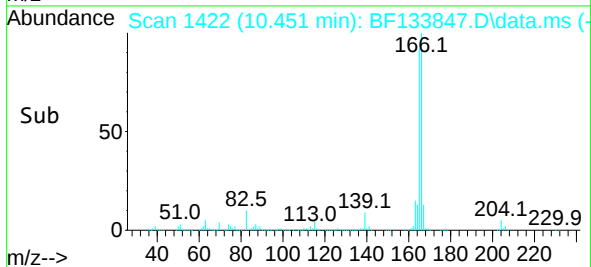
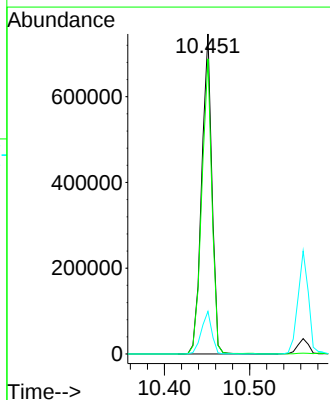
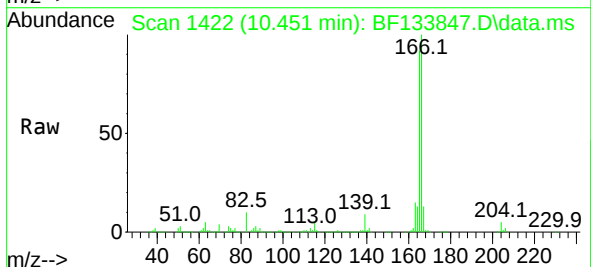
APPROVED

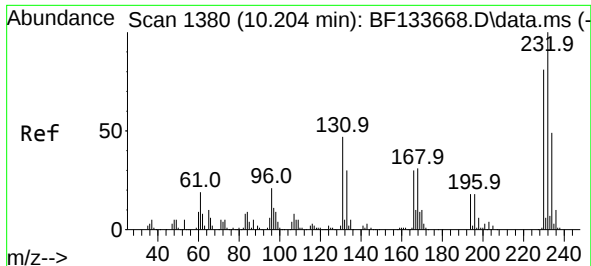
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#58
Fluorene
Concen: 40.925 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

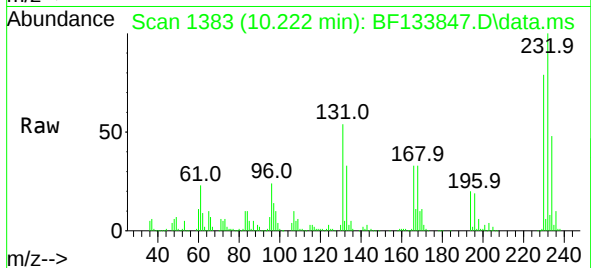
Tgt Ion:166 Resp: 622412
Ion Ratio Lower Upper
166 100
165 92.3 73.1 109.7
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.621 ng
RT: 10.222 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

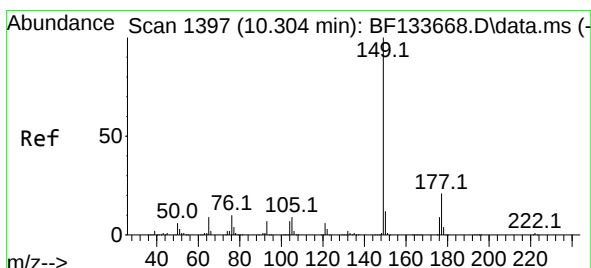
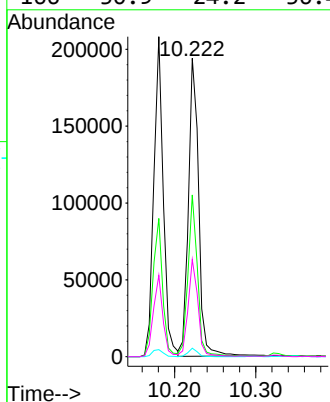
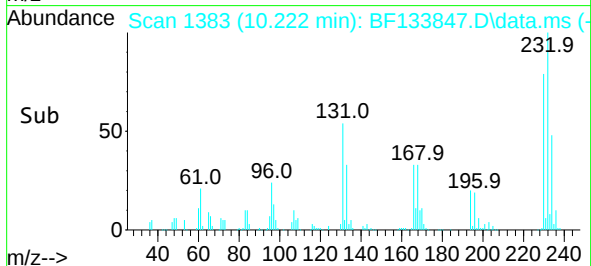
Instrument :
BNA_F
ClientSampleId :
PB153207BS



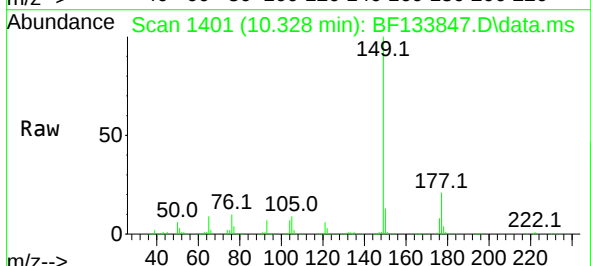
Tgt Ion:232 Resp: 170681
Ion Ratio Lower Upper
232 100
131 49.8 38.0 57.0
130 2.6 1.8 2.8
166 30.9 24.2 36.4

Manual Integrations
APPROVED

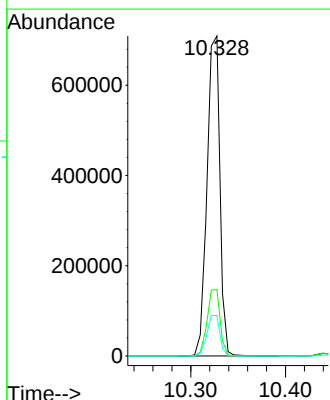
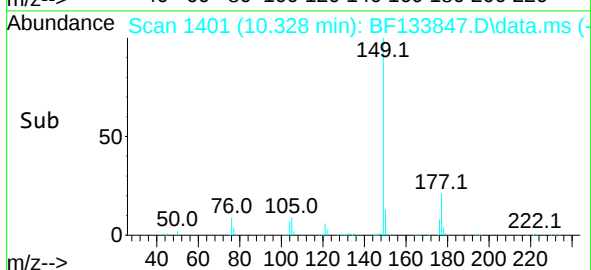
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

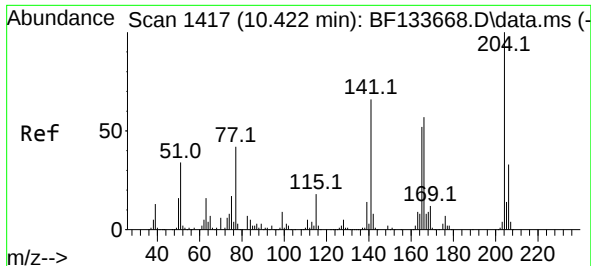


#60
Diethylphthalate
Concen: 39.827 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:149 Resp: 669055
Ion Ratio Lower Upper
149 100
177 20.8 17.0 25.6
150 12.6 10.0 15.0





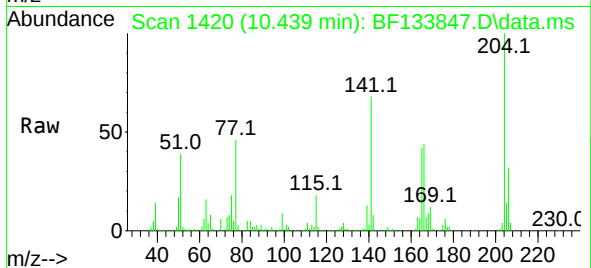
#61
4-Chlorophenyl-phenylether
Concen: 39.419 ng
RT: 10.439 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS



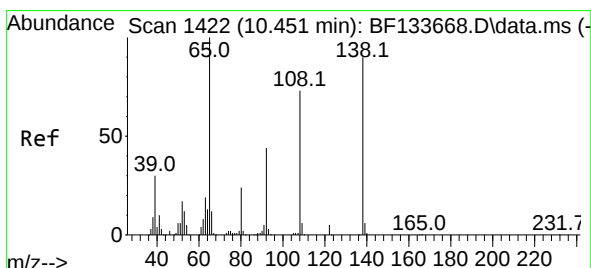
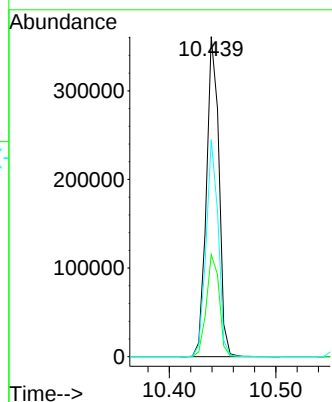
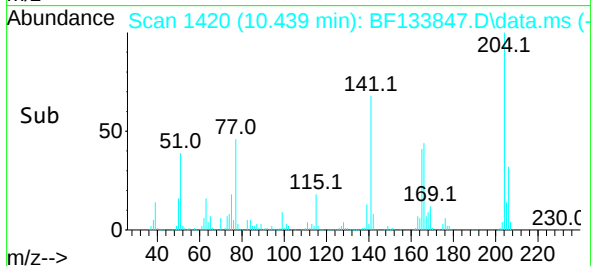
Tgt Ion:204 Resp: 295962
Ion Ratio Lower Upper
204 100
206 31.9 26.4 39.6
141 67.8 52.8 79.2

Manual Integrations

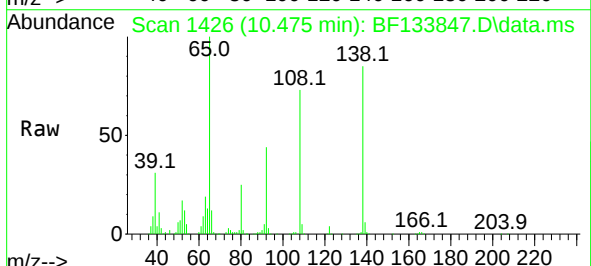
APPROVED

Reviewed By :Yogesh Patel 06/21/2023

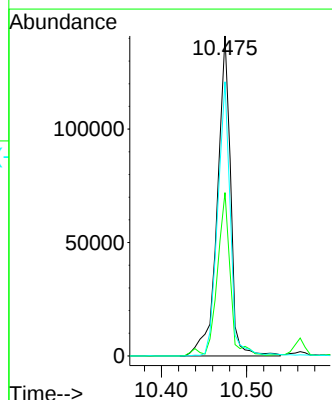
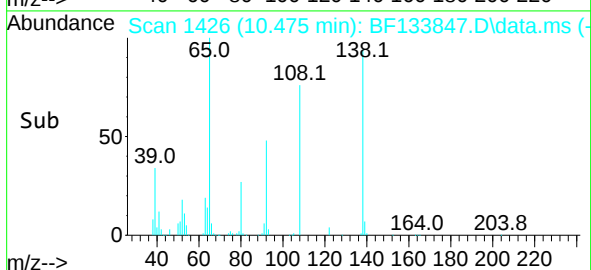
Supervised By :mohammad ahmed 06/21/2023

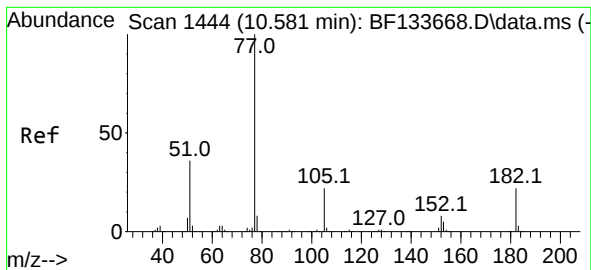


#62
4-Nitroaniline
Concen: 37.737 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:138 Resp: 153405
Ion Ratio Lower Upper
138 100
92 51.1 28.9 68.9
108 85.7 61.0 101.0





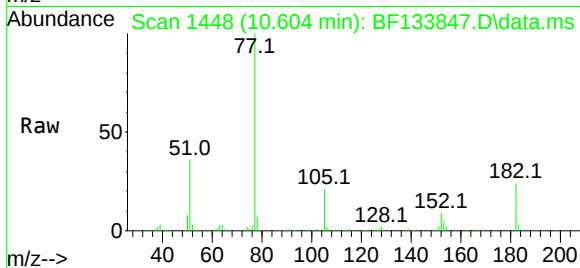
#63
Azobenzene
Concen: 40.015 ng
RT: 10.604 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS



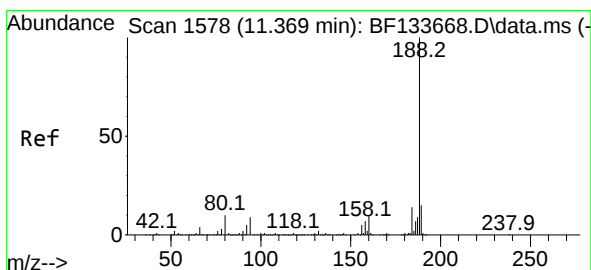
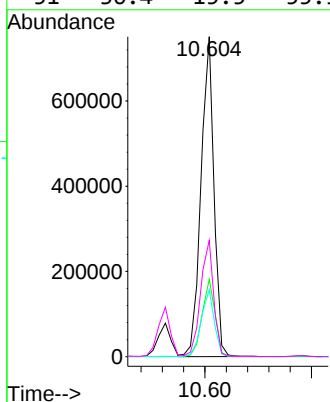
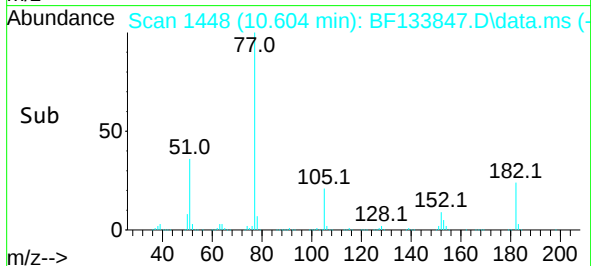
Tgt Ion: 77 Resp: 63636
Ion Ratio Lower Upper
77 100
182 24.2 1.6 41.6
105 20.9 1.6 41.6
51 36.4 15.5 55.5

Manual Integrations

APPROVED

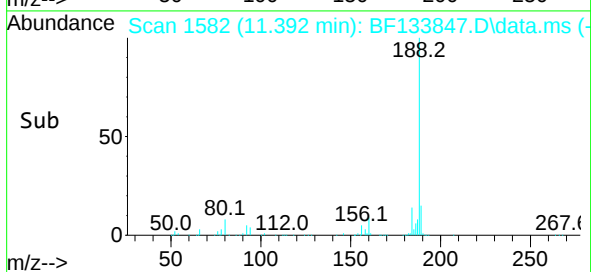
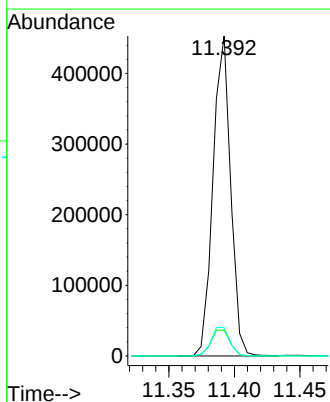
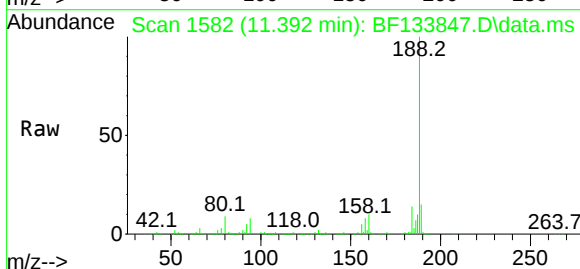
Reviewed By :Yogesh Patel 06/21/2023

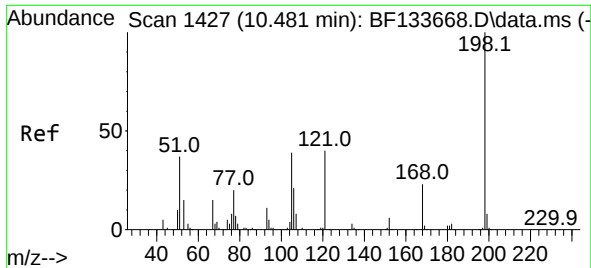
Supervised By :mohammad ahmed 06/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:188 Resp: 421960
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.9 7.8 11.6





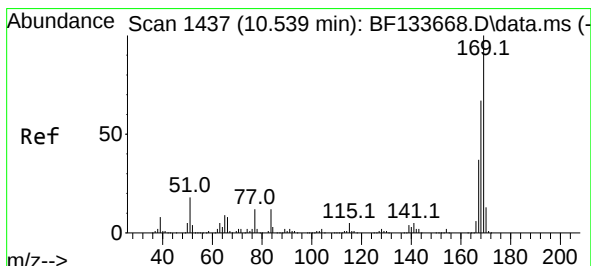
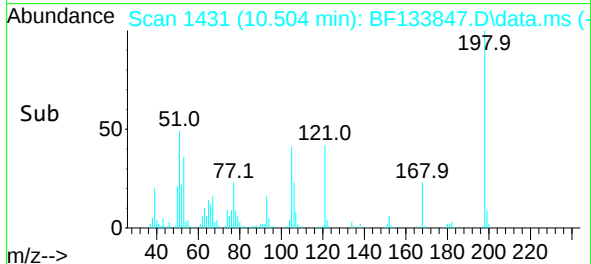
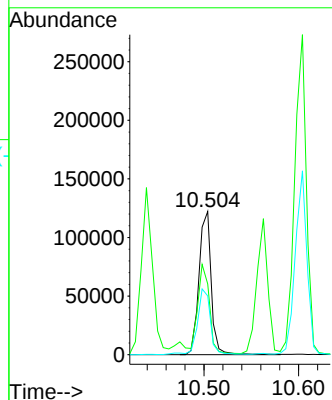
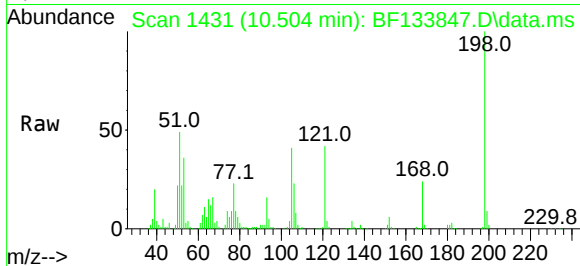
#65
4,6-Dinitro-2-methylphenol
Concen: 54.519 ng
RT: 10.504 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :
BNA_F
ClientSampleId :
PB153207BS

Tgt Ion:198 Resp: 109928
Ion Ratio Lower Upper
198 100
51 49.4 27.5 67.5
105 41.0 21.0 61.0

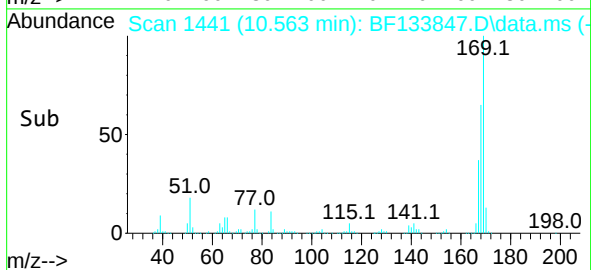
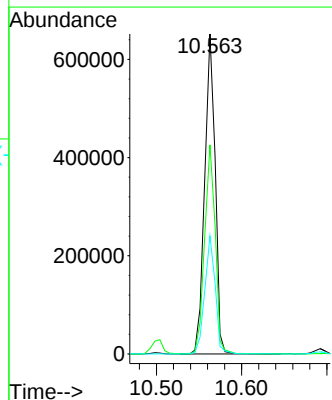
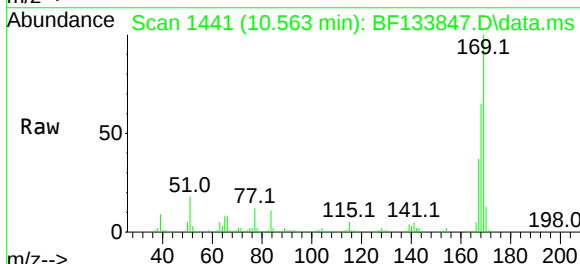
Manual Integrations
APPROVED

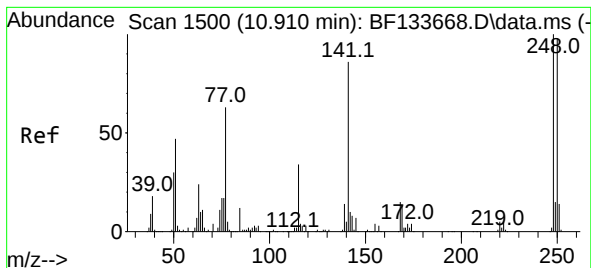
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#66
n-Nitrosodiphenylamine
Concen: 39.307 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

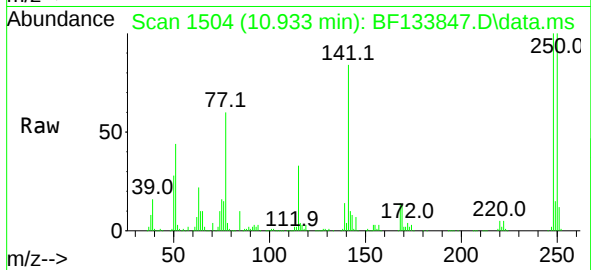
Tgt Ion:169 Resp: 557132
Ion Ratio Lower Upper
169 100
168 65.3 53.7 80.5
167 36.9 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 39.285 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

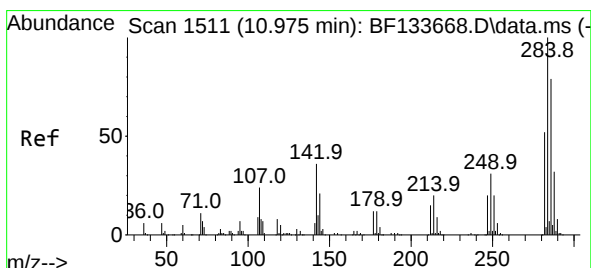
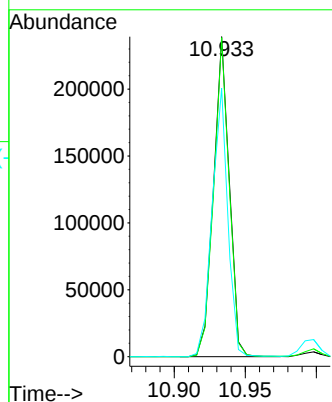
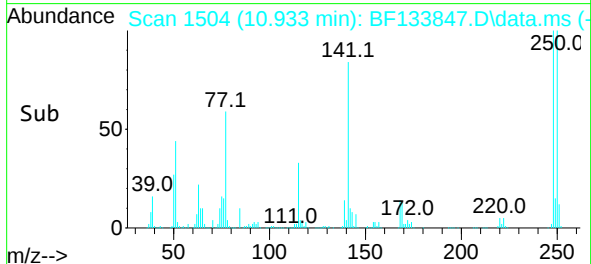
Instrument :
BNA_F
ClientSampleId :
PB153207BS



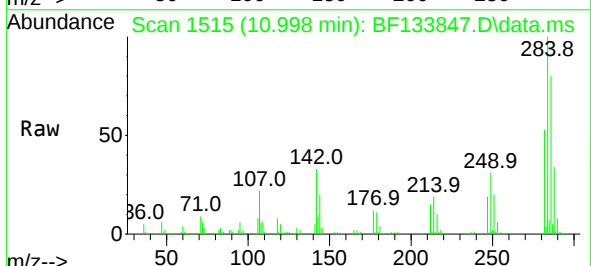
Tgt Ion:248 Resp: 185018
Ion Ratio Lower Upper
248 100
250 99.7 78.3 117.5
141 83.9 69.0 103.6

Manual Integrations
APPROVED

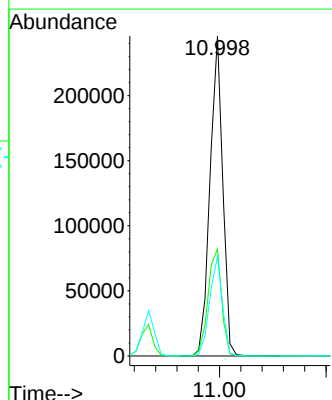
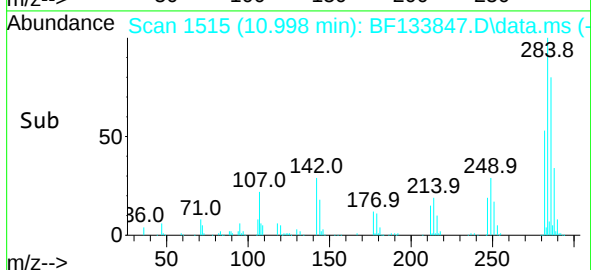
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

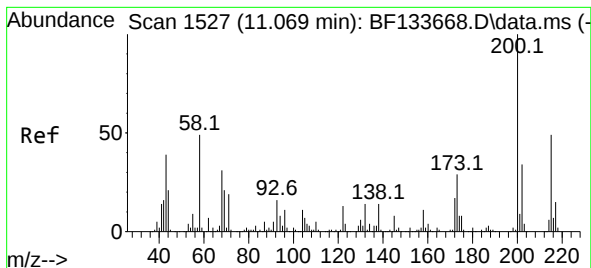


#68
Hexachlorobenzene
Concen: 41.403 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:284 Resp: 205051
Ion Ratio Lower Upper
284 100
142 33.4 28.6 42.8
249 31.1 24.6 36.8





#69

Atrazine

Concen: 42.558 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

Tgt Ion:200 Resp: 175019

Ion Ratio Lower Upper

200 100

173 27.9 8.7 48.7

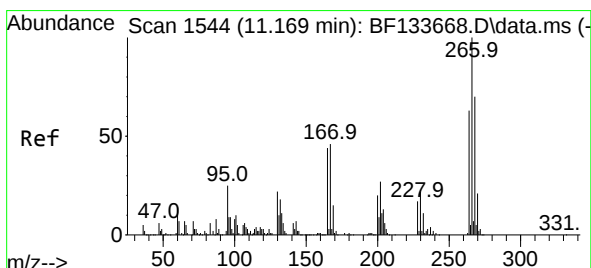
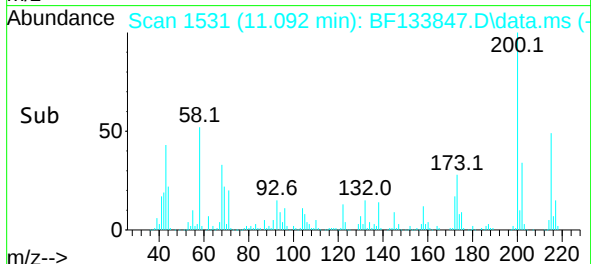
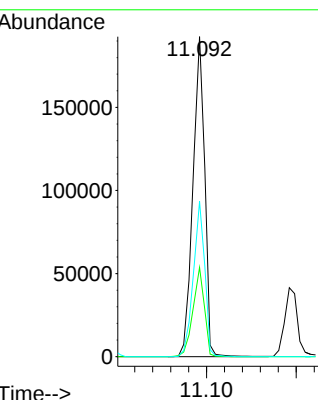
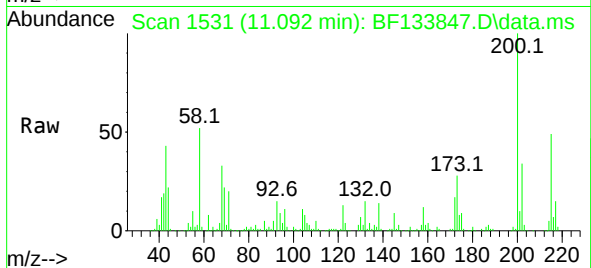
215 48.5 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#70

Pentachlorophenol

Concen: 74.969 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

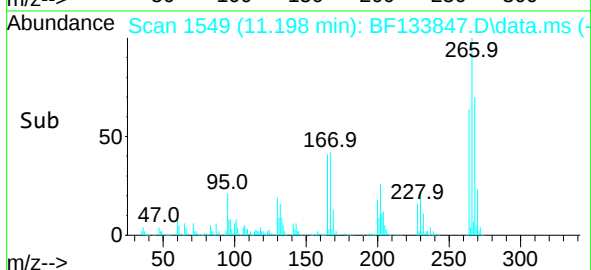
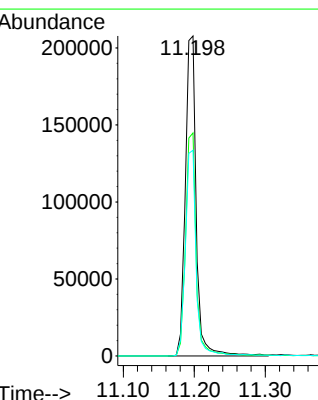
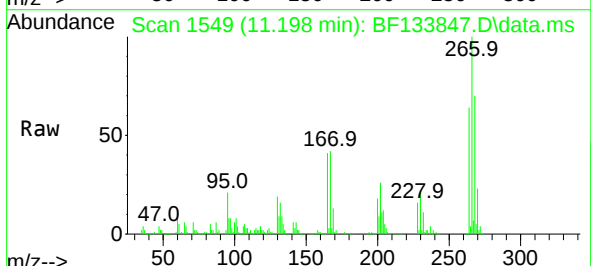
Tgt Ion:266 Resp: 222330

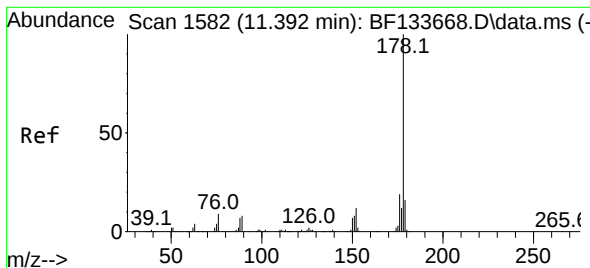
Ion Ratio Lower Upper

266 100

268 69.7 55.7 83.5

264 64.3 50.7 76.1





#71

Phenanthrene

Concen: 40.888 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

Tgt Ion:178 Resp: 87534

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

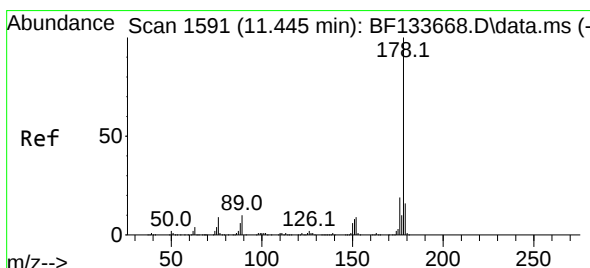
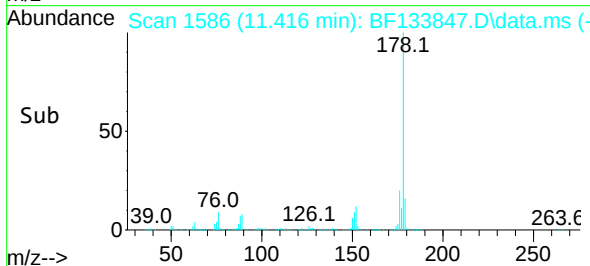
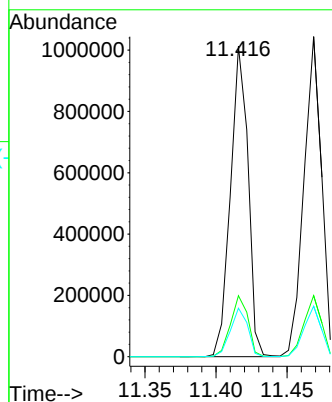
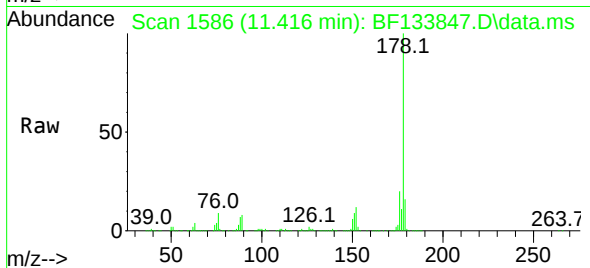
179 15.6 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#72

Anthracene

Concen: 40.521 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

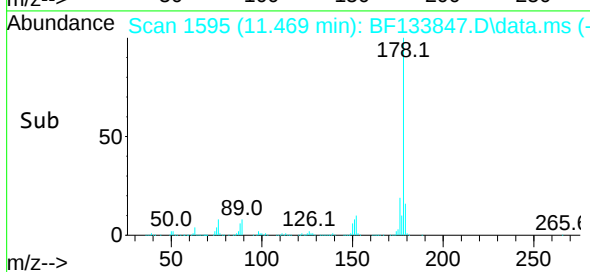
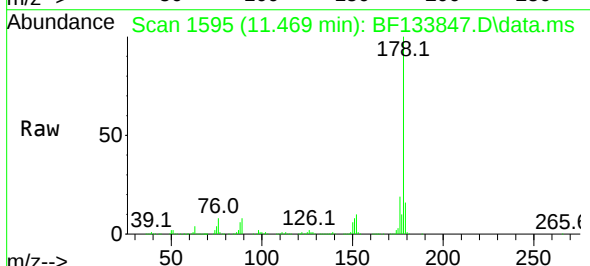
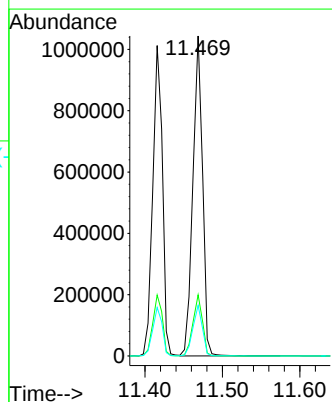
Tgt Ion:178 Resp: 904521

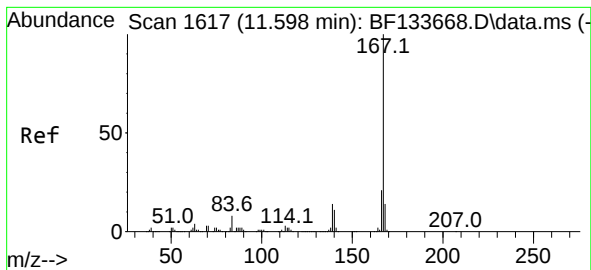
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.8 12.6 18.8





#73

Carbazole

Concen: 39.160 ng

RT: 11.627 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

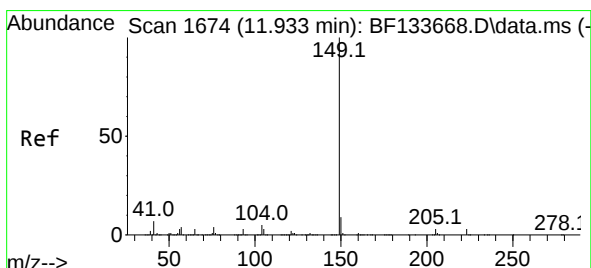
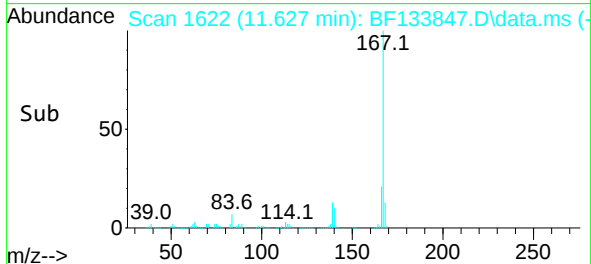
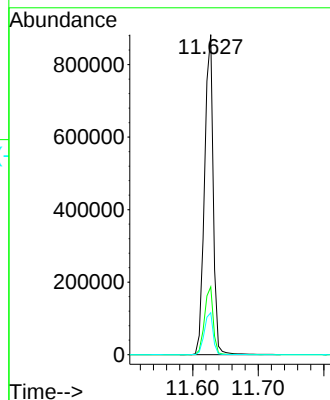
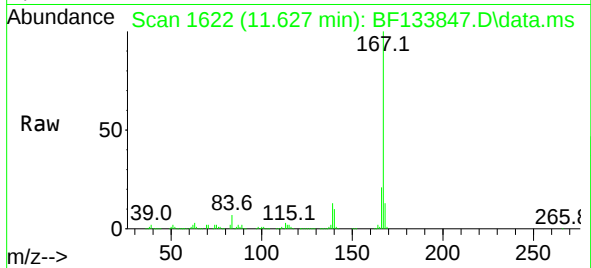
Tgt Ion:167 Resp: 814130
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.1 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#74

Di-n-butylphthalate

Concen: 37.725 ng

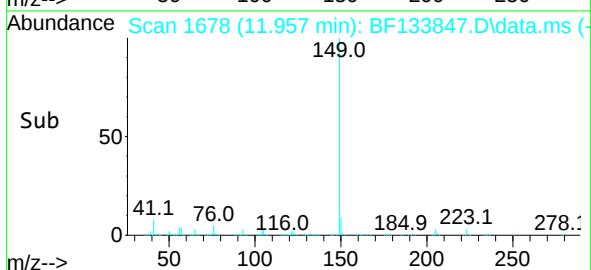
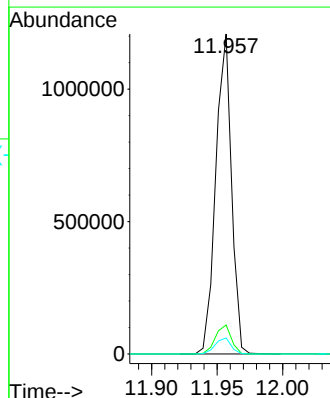
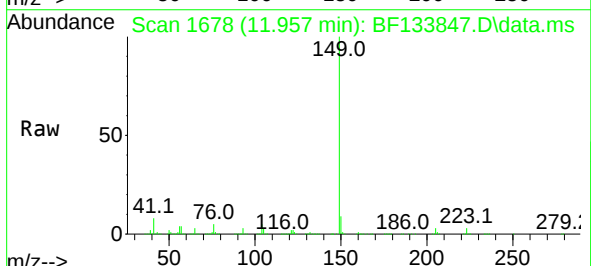
RT: 11.957 min Scan# 1678

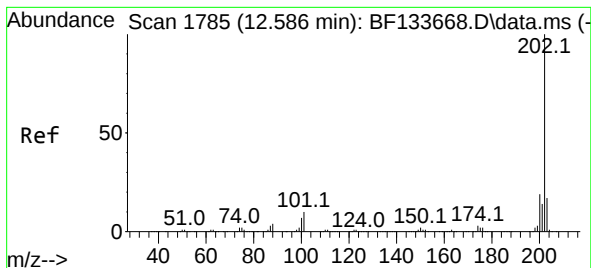
Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

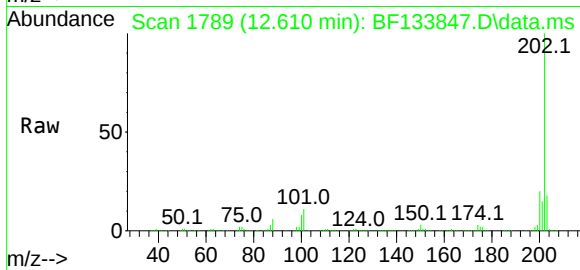
Tgt Ion:149 Resp: 1005461
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.0 3.8 5.8





#75
Fluoranthene
Concen: 39.024 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

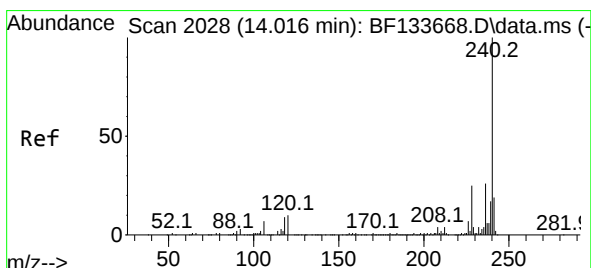
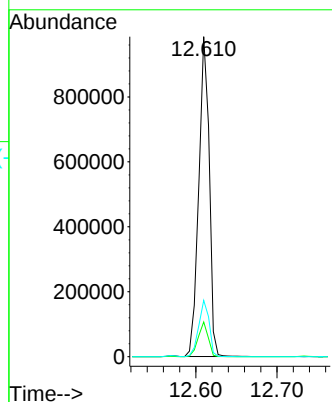
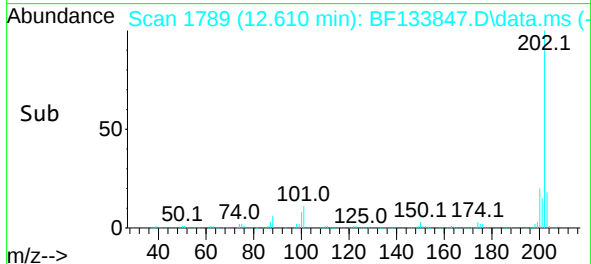
Instrument :
BNA_F
ClientSampleId :
PB153207BS



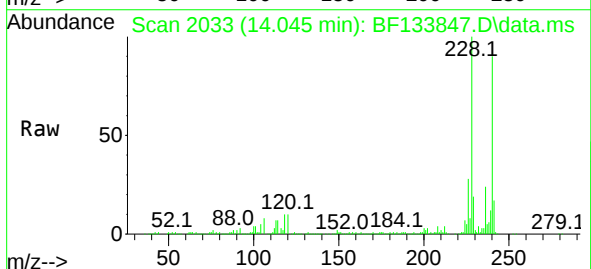
Tgt Ion:202 Resp: 887182
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.6
203 17.6 0.0 37.4

Manual Integrations
APPROVED

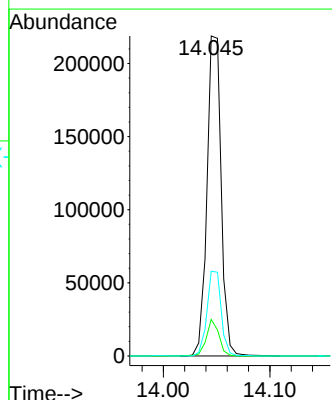
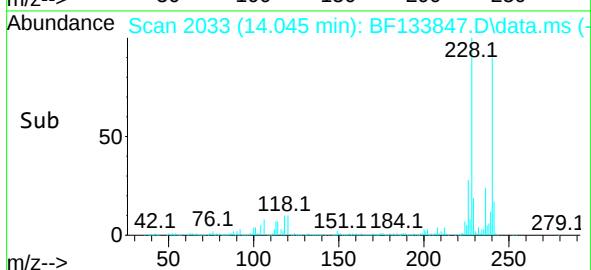
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

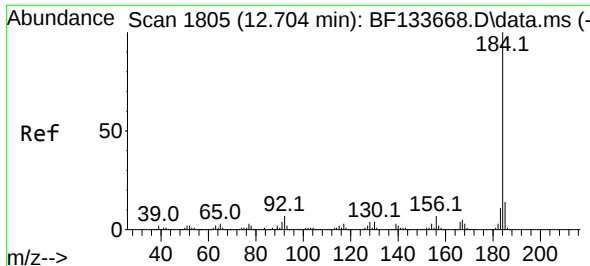


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



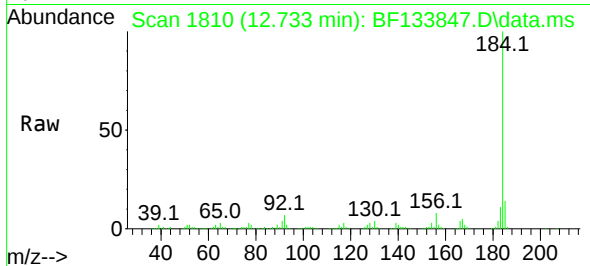
Tgt Ion:240 Resp: 203282
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.5 20.5 30.7





#77
Benzidine
Concen: 32.364 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

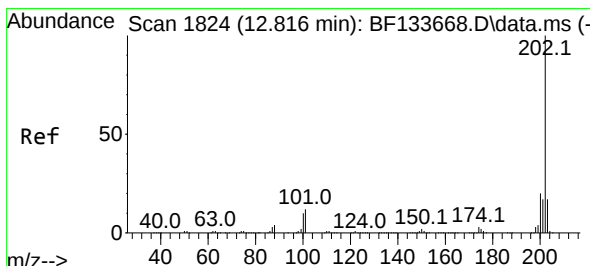
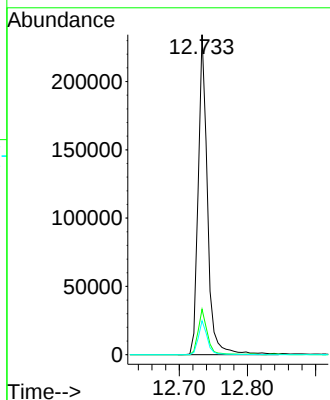
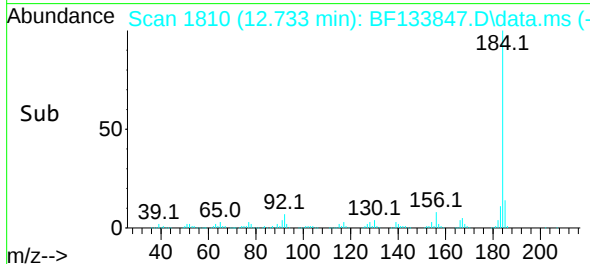
Instrument :
BNA_F
ClientSampleId :
PB153207BS



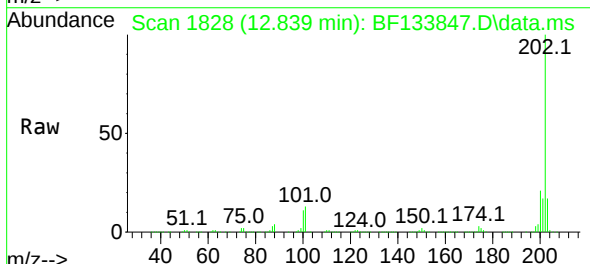
Tgt Ion:184 Resp: 220762
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.6 8.4 12.6

Manual Integrations
APPROVED

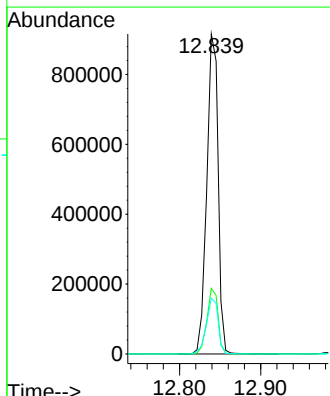
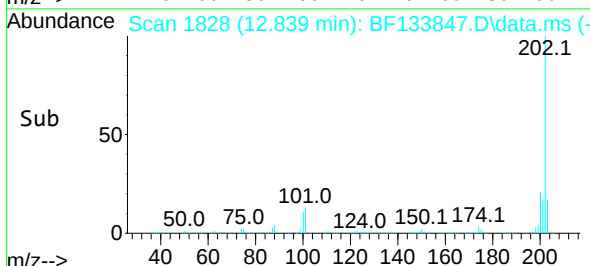
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

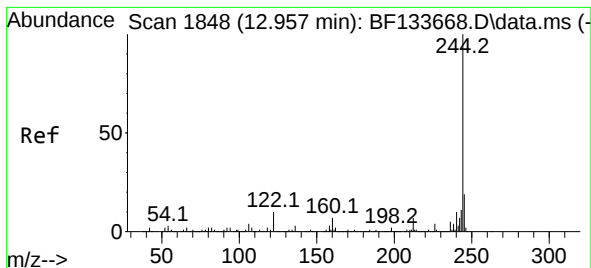


#78
Pyrene
Concen: 46.744 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:202 Resp: 885166
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 89.829 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

Tgt Ion:244 Resp: 118013

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

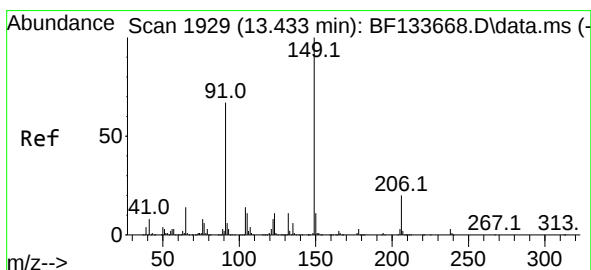
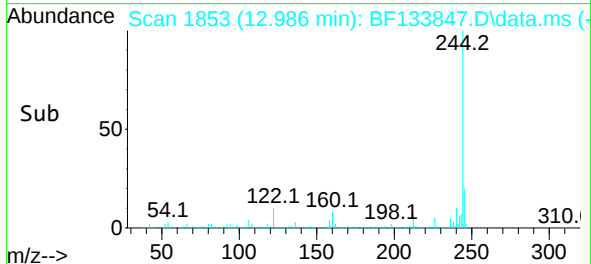
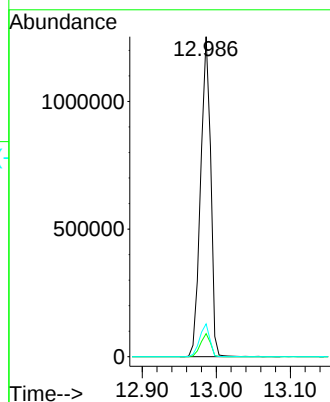
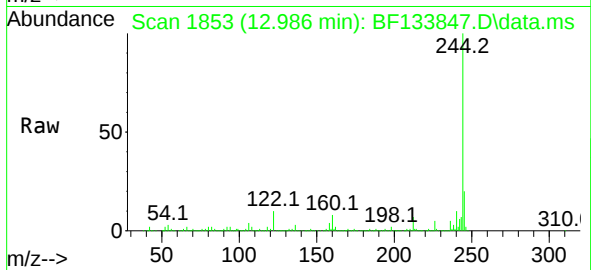
122 10.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#80

Butylbenzylphthalate

Concen: 41.105 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

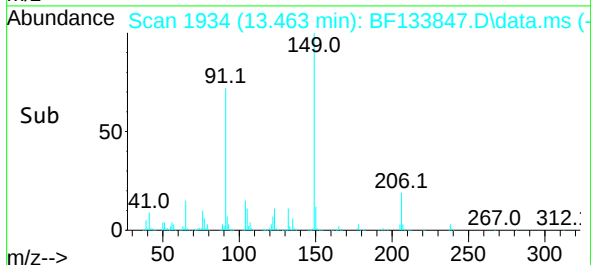
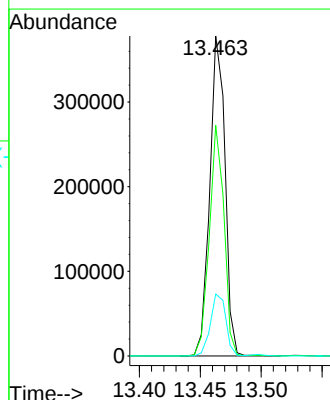
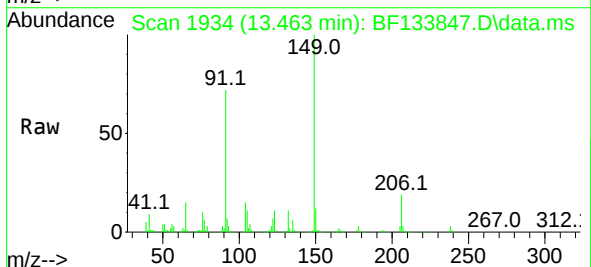
Tgt Ion:149 Resp: 328610

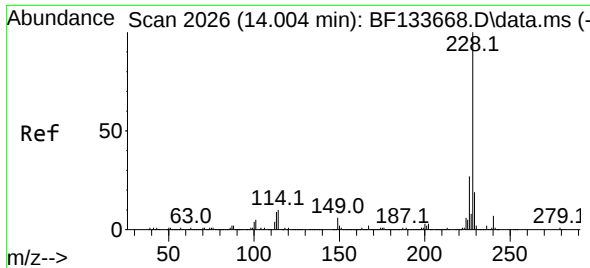
Ion Ratio Lower Upper

149 100

91 72.1 54.0 81.0

206 19.4 15.6 23.4





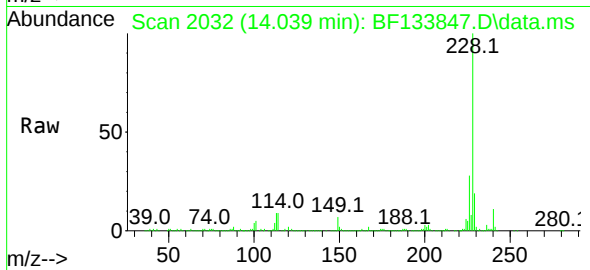
#81
Benzo(a)anthracene
Concen: 41.765 ng
RT: 14.039 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

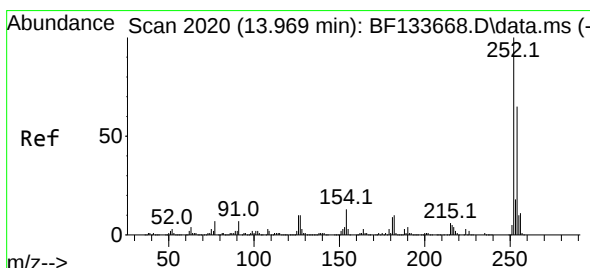
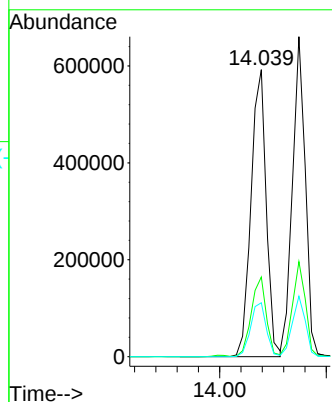
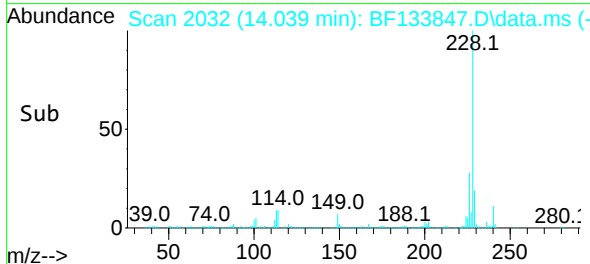


Tgt Ion:228 Resp: 58726
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 18.8 15.4 23.2

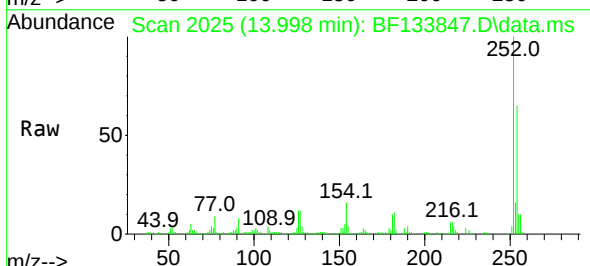
Manual Integrations

APPROVED

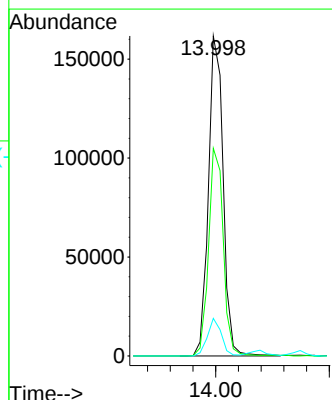
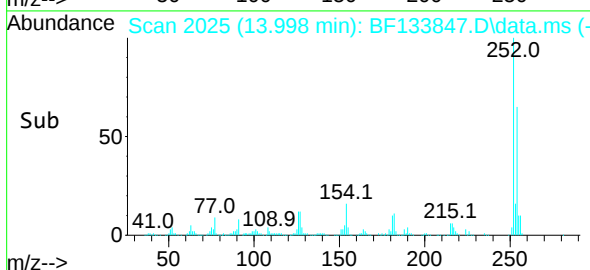
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

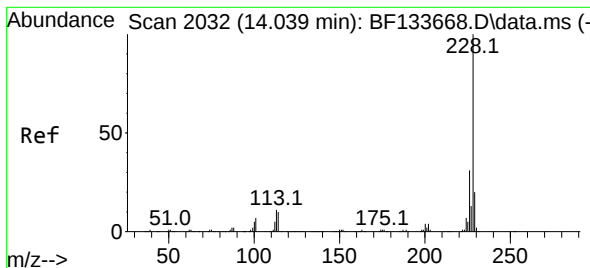


#82
3,3'-Dichlorobenzidine
Concen: 31.067 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:252 Resp: 145230
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 11.8 7.7 11.5#





#83

Chrysene

Concen: 41.891 ng

RT: 14.074 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

Tgt Ion:228 Resp: 557120

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

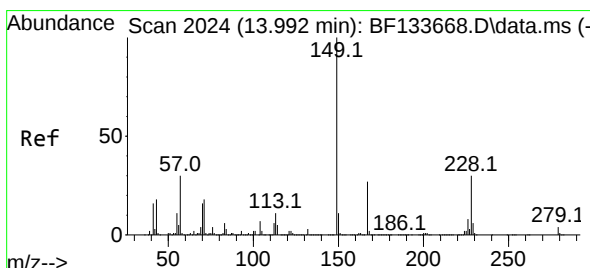
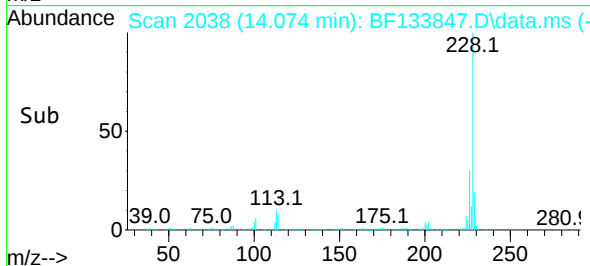
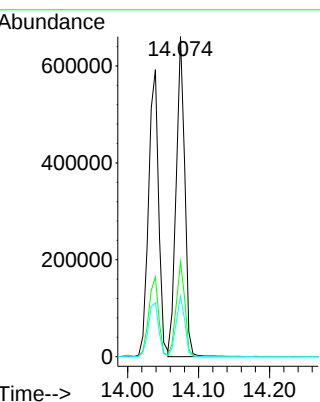
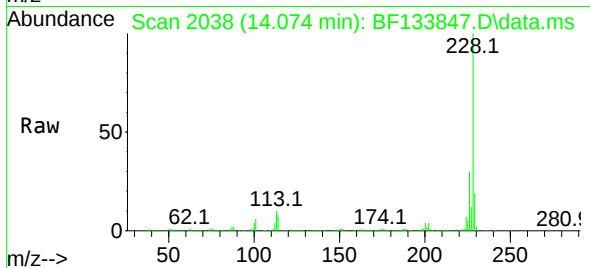
229 18.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.665 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

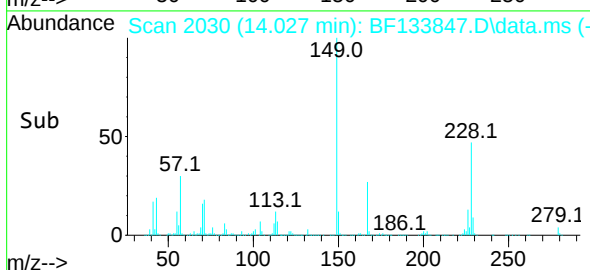
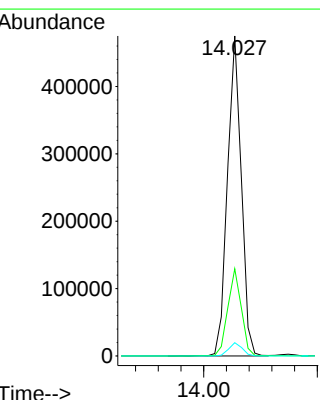
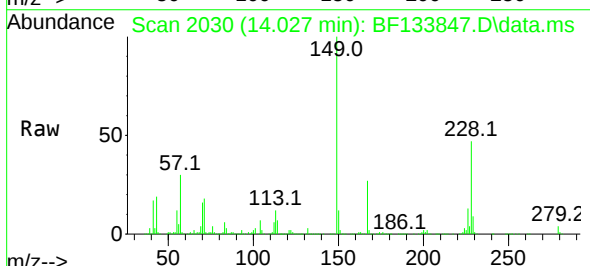
Tgt Ion:149 Resp: 400282

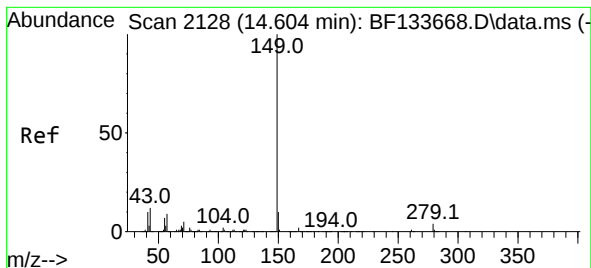
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.187 ng

RT: 14.651 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133847.D

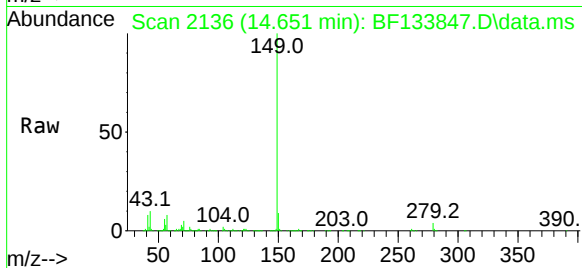
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS



Tgt Ion:149 Resp: 646064

Ion Ratio Lower Upper

149 100

167 1.4 1.4 2.0

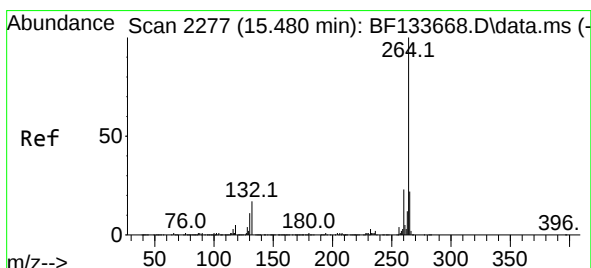
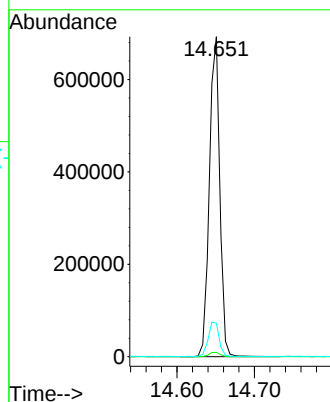
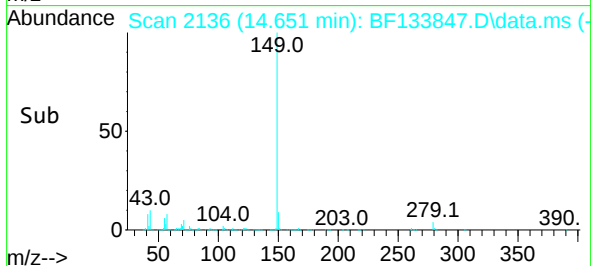
43 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. -0.006 min

Lab File: BF133847.D

Acq: 20 Jun 2023 10:06

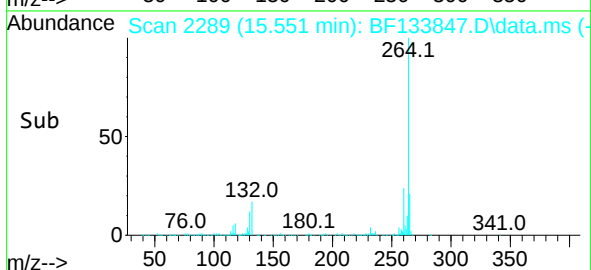
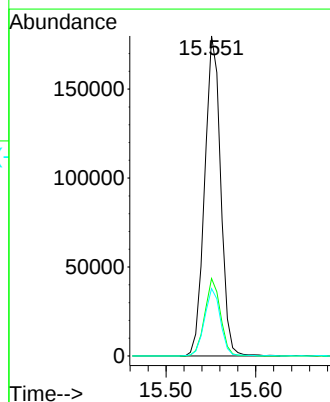
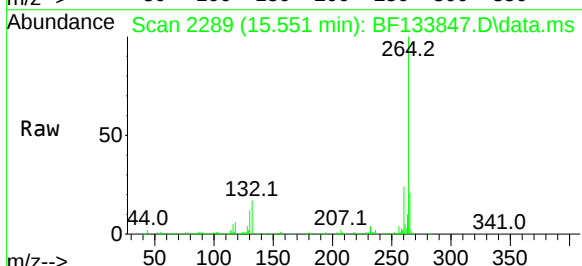
Tgt Ion:264 Resp: 222723

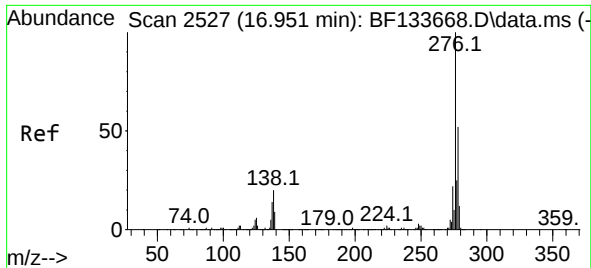
Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 21.0 17.8 26.6





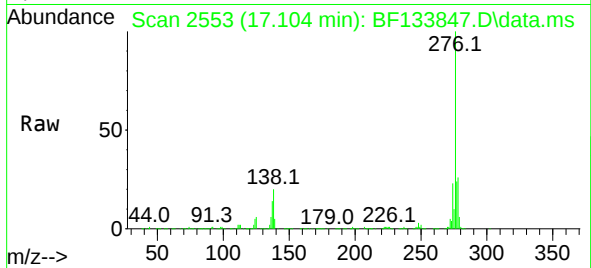
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.991 ng
RT: 17.104 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

ClientSampleId :

PB153207BS

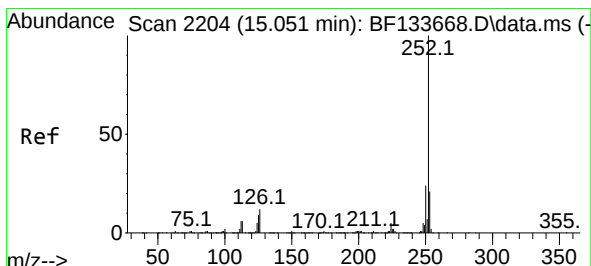
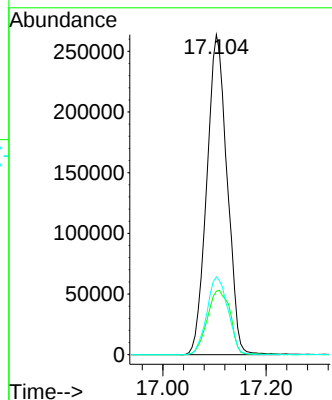
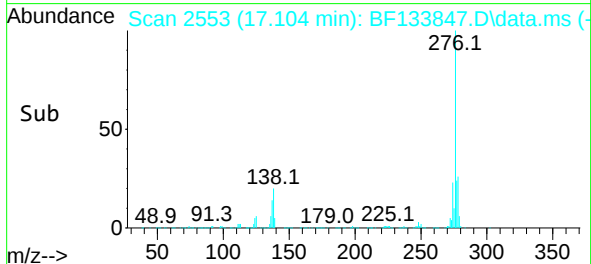


Tgt Ion:276 Resp: 720034
Ion Ratio Lower Upper
276 100
138 22.6 17.9 26.9
277 25.4 20.3 30.5

Manual Integrations

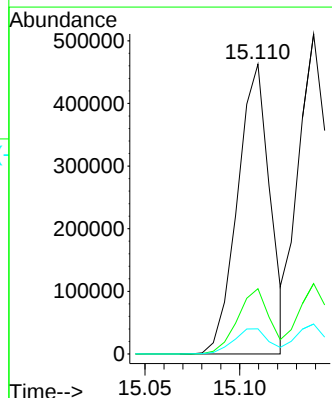
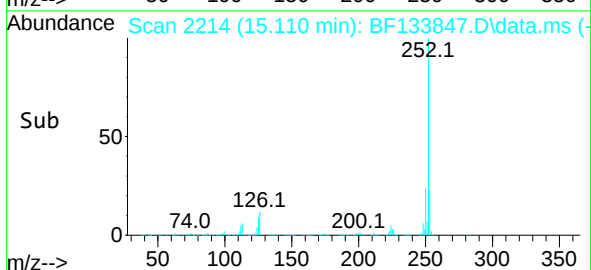
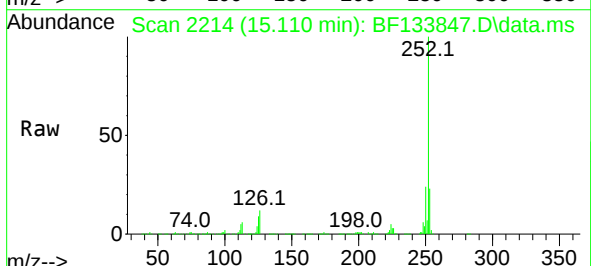
APPROVED

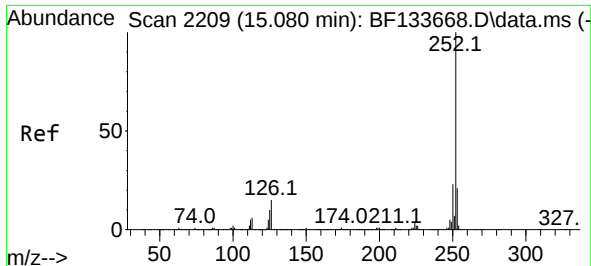
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#88
Benzo(b)fluoranthene
Concen: 40.722 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

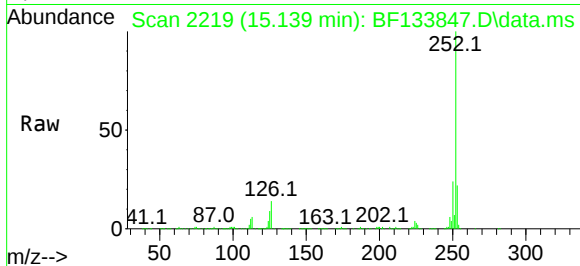
Tgt Ion:252 Resp: 550952
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 8.7 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 41.384 ng
RT: 15.139 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

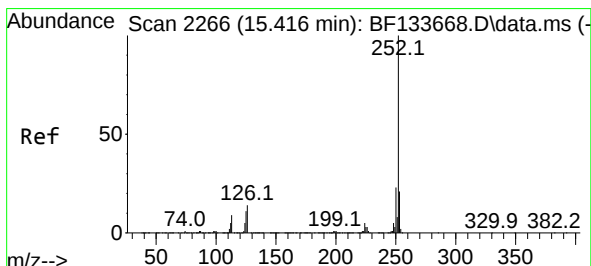
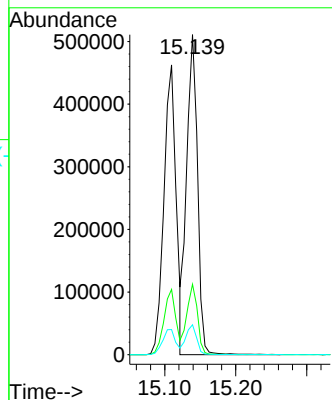
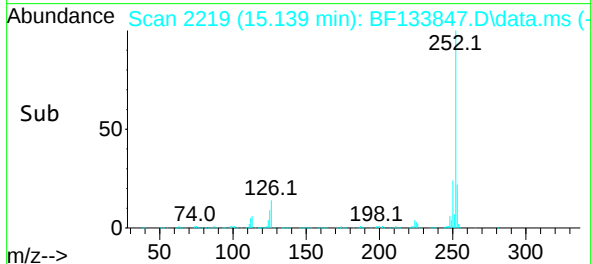
Instrument :
BNA_F
ClientSampleId :
PB153207BS



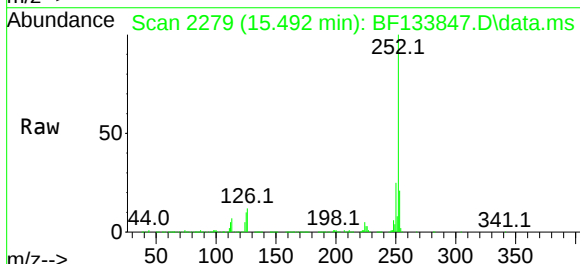
Tgt Ion:252 Resp: 545414
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.3 7.8 11.6

Manual Integrations
APPROVED

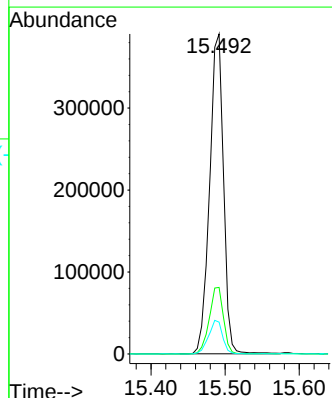
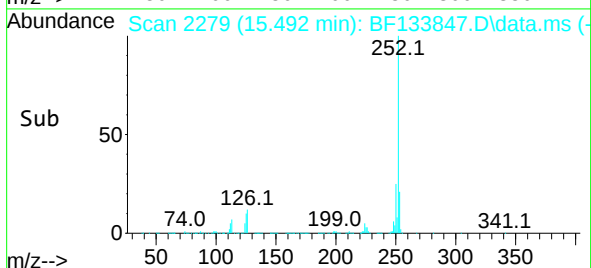
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

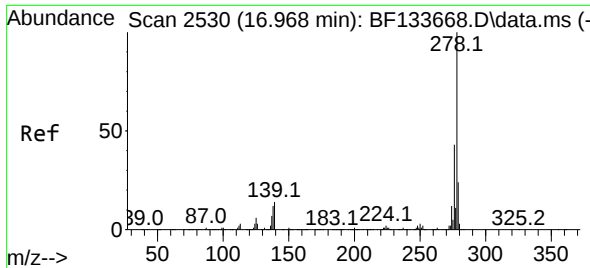


#90
Benzo(a)pyrene
Concen: 40.504 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06



Tgt Ion:252 Resp: 508586
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 10.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 46.424 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Instrument :

BNA_F

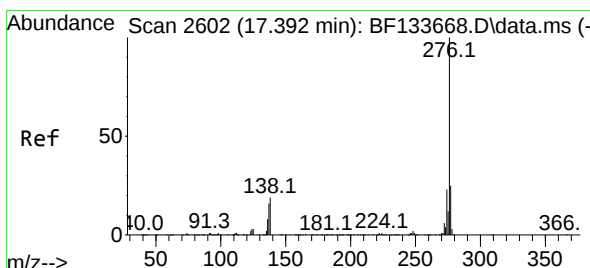
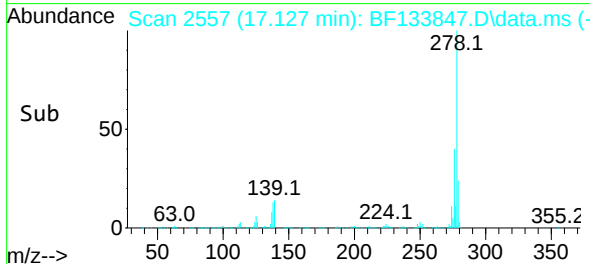
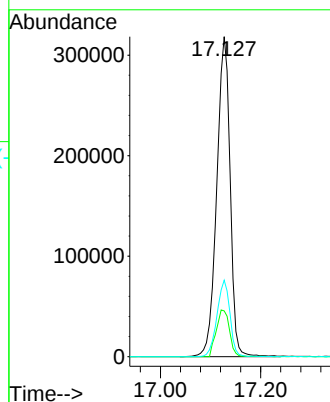
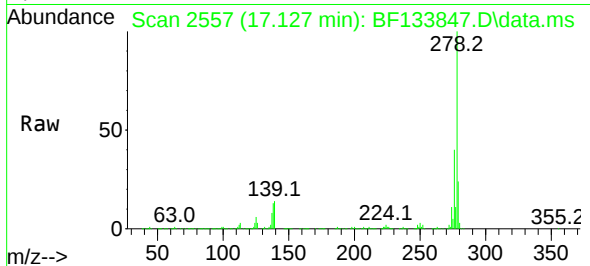
ClientSampleId :

PB153207BS

Tgt Ion:278 Resp: 588918
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#92
Benzo(g,h,i)perylene
Concen: 46.289 ng
RT: 17.580 min Scan# 2634
Delta R.T. -0.006 min
Lab File: BF133847.D
Acq: 20 Jun 2023 10:06

Tgt Ion:276 Resp: 582196
Ion Ratio Lower Upper
276 100
277 23.3 19.8 29.8
138 20.4 15.0 22.4

