

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133848.D
 Acq On : 20 Jun 2023 10:38
 Operator : CG\JU
 Sample : PB153230BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153230BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 11:47:09 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	107882	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	416792	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	212277	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	410773	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201814	20.000	ng	0.00
86) Perylene-d12	15.551	264	220612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	729056	117.648	ng	0.00
7) Phenol-d6	6.498	99	887052	109.970	ng	0.00
23) Nitrobenzene-d5	7.422	82	604780	79.033	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	289993	107.923	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1117387	74.826	ng	0.00
79) Terphenyl-d14	12.986	244	1162443	89.127	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	109696	40.264	ng	98
3) Pyridine	3.498	79	235094	29.606	ng	96
4) n-Nitrosodimethylamine	3.457	42	180243	41.063	ng	99
6) Aniline	6.522	93	278666	27.429	ng	94
8) 2-Chlorophenol	6.645	128	294149	45.042	ng	96
9) Benzaldehyde	6.410	77	71915	13.438	ng	96
10) Phenol	6.510	94	347169	41.218	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	262543	41.987	ng	95
12) 1,3-Dichlorobenzene	6.798	146	307955	44.135	ng	98
13) 1,4-Dichlorobenzene	6.875	146	318892	45.218	ng	99
14) 1,2-Dichlorobenzene	7.028	146	303604	47.643	ng	98
15) Benzyl Alcohol	7.004	79	265902	42.206	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	480932	45.372	ng	99
17) 2-Methylphenol	7.110	107	241978	41.804	ng	99
18) Hexachloroethane	7.369	117	118499	49.081	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	210041	40.926	ng	98
20) 3+4-Methylphenols	7.269	107	292554	38.852	ng	# 77
22) Acetophenone	7.269	105	408597	42.743	ng	# 94
24) Nitrobenzene	7.445	77	321308	41.700	ng	99
25) Isophorone	7.681	82	581278	41.376	ng	99
26) 2-Nitrophenol	7.757	139	157630	45.583	ng	99
27) 2,4-Dimethylphenol	7.792	122	256861	43.095	ng	96
28) bis(2-Chloroethoxy)met...	7.892	93	331095	40.777	ng	99
29) 2,4-Dichlorophenol	7.998	162	245899	42.095	ng	100
30) 1,2,4-Trichlorobenzene	8.081	180	256622	42.106	ng	97
31) Naphthalene	8.163	128	822456	40.503	ng	99
32) Benzoic acid	7.916	122	197287	52.483	ng	95
33) 4-Chloroaniline	8.210	127	92949	10.705	ng	95
34) Hexachlorobutadiene	8.275	225	163907	41.076	ng	97
35) Caprolactam	8.586	113	83037m	42.244	ng	
36) 4-Chloro-3-methylphenol	8.692	107	278627	41.380	ng	97
37) 2-Methylnaphthalene	8.851	142	555686	39.385	ng	98
38) 1-Methylnaphthalene	8.951	142	517451	39.856	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	261590	40.535	ng	97
41) Hexachlorocyclopentadiene	9.004	237	328680	114.290	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	174312	40.421	ng	94

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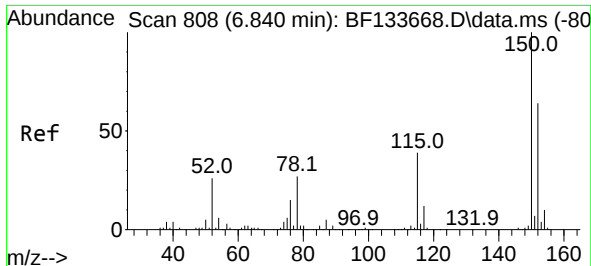
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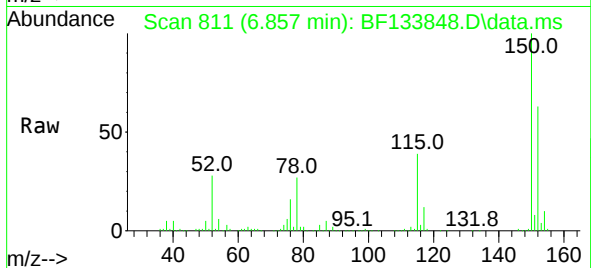
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	193809	38.630	ng	99
46) 1,1'-Biphenyl	9.322	154	701979	41.002	ng	99
47) 2-Chloronaphthalene	9.345	162	517928	42.174	ng	99
48) 2-Nitroaniline	9.439	65	183231	40.796	ng	95
49) Acenaphthylene	9.763	152	858976	40.187	ng	99
50) Dimethylphthalate	9.622	163	630612	39.799	ng	99
51) 2,6-Dinitrotoluene	9.686	165	138372	42.309	ng	87
52) Acenaphthene	9.933	154	503696	40.259	ng	98
53) 3-Nitroaniline	9.851	138	93645	23.529	ng	88
54) 2,4-Dinitrophenol	9.963	184	163802	100.886	ng	90
55) Dibenzofuran	10.104	168	774748	40.582	ng	96
56) 4-Nitrophenol	10.022	139	218345	81.288	ng	82
57) 2,4-Dinitrotoluene	10.092	165	182712	43.927	ng	97
58) Fluorene	10.451	166	594628	40.729	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.222	232	165953	44.182	ng	99
60) Diethylphthalate	10.327	149	646167	40.069	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	283745	39.369	ng	96
62) 4-Nitroaniline	10.474	138	147720	37.855	ng	95
63) Azobenzene	10.604	77	617034	40.418	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	105200	53.595	ng	# 75
66) n-Nitrosodiphenylamine	10.563	169	534237	38.719	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	177421	38.698	ng	98
68) Hexachlorobenzene	10.998	284	198182	41.106	ng	98
69) Atrazine	11.092	200	170777	42.657	ng	98
70) Pentachlorophenol	11.192	266	214142	74.175	ng	98
71) Phenanthrene	11.416	178	855072	41.029	ng	100
72) Anthracene	11.469	178	866586	39.879	ng	100
73) Carbazole	11.627	167	784206	38.748	ng	98
74) Di-n-butylphthalate	11.957	149	968874	37.342	ng	99
75) Fluoranthene	12.610	202	851507	38.475	ng	99
77) Benzidine	12.733	184	216861	32.023	ng	100
78) Pyrene	12.839	202	862762	45.892	ng	99
80) Butylbenzylphthalate	13.463	149	320828	40.424	ng	97
81) Benzo(a)anthracene	14.039	228	577180	41.347	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	142694	30.746	ng	# 99
83) Chrysene	14.074	228	546334	41.379	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	391447	40.057	ng	99
85) Di-n-octyl phthalate	14.651	149	638207	45.957	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	706711	46.563	ng	99
88) Benzo(b)fluoranthene	15.109	252	554567	41.382	ng	100
89) Benzo(k)fluoranthene	15.139	252	537869	41.202	ng	98
90) Benzo(a)pyrene	15.492	252	503662	40.496	ng	97
91) Dibenzo(a,h)anthracene	17.127	278	574970	45.759	ng	99
92) Benzo(g,h,i)perylene	17.580	276	570403	45.785	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

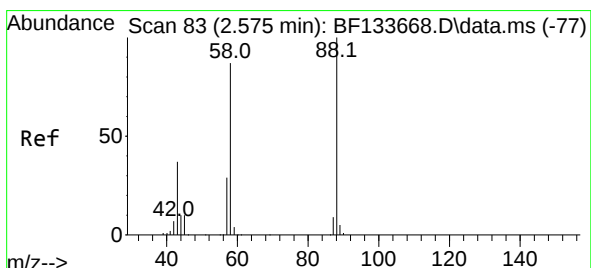
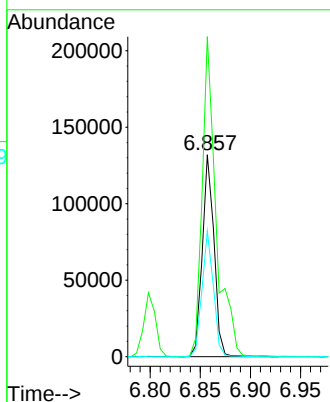
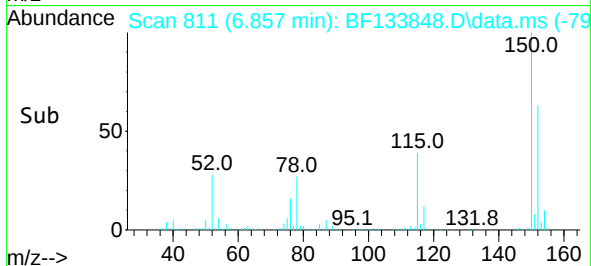
Instrument :
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ClientSampleId :
PB153230BS



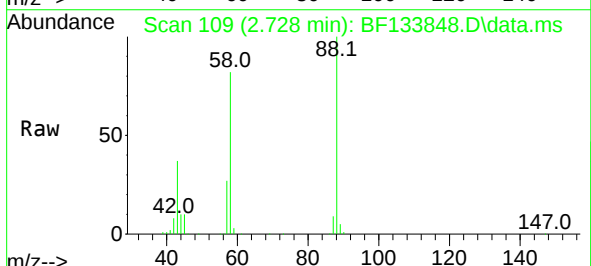
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Ion Ratio Lower Upper
152 100
150 158.5 124.3 186.5
115 62.3 48.5 72.7

Manual Integrations
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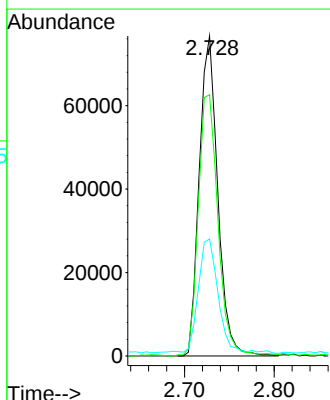
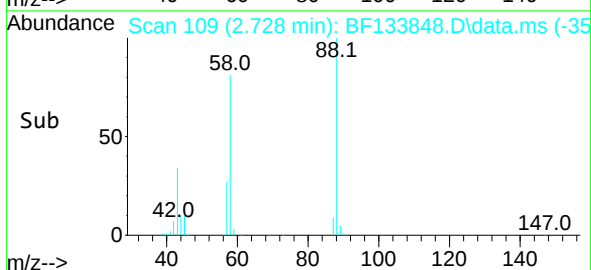
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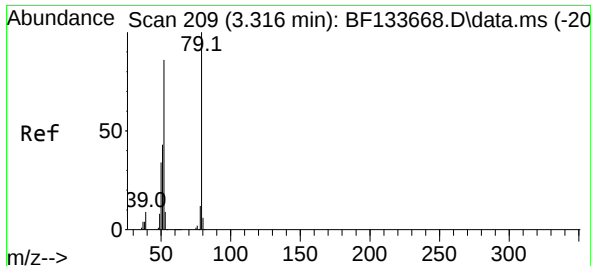


#2
1,4-Dioxane
Concen: 40.264 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.088 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



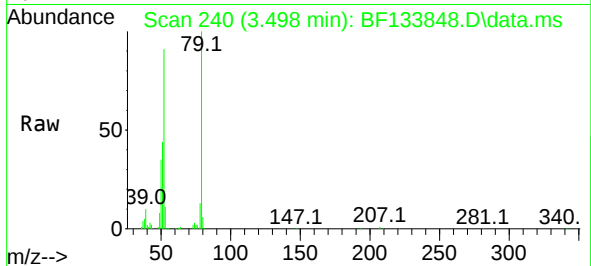
Tgt Ion: 88 Resp: 109696
Ion Ratio Lower Upper
88 100
58 87.3 67.8 101.6
43 37.4 29.8 44.6





#3
Pyridine
Concen: 29.606 ng
RT: 3.498 min Scan# 240
Delta R.T. 0.070 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

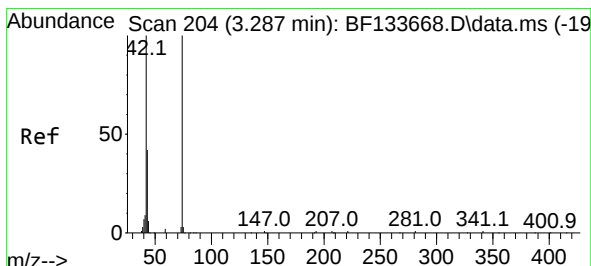
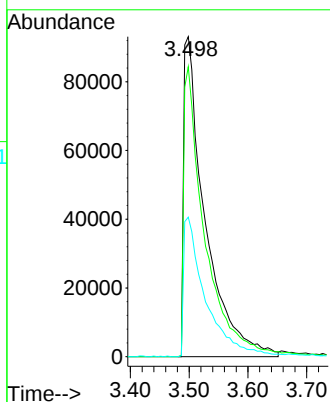
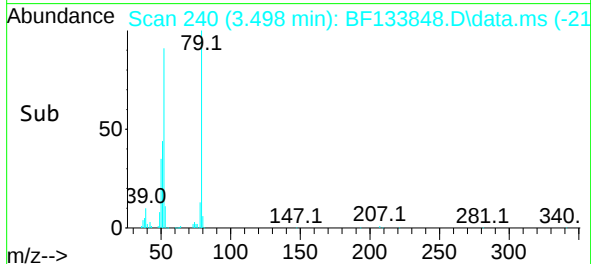
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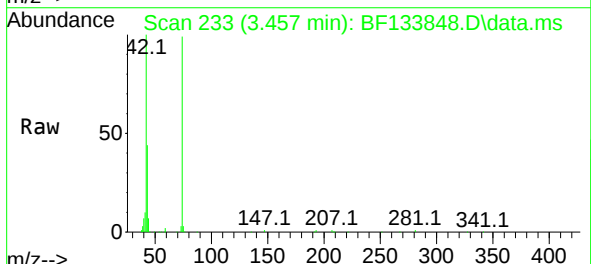
Tgt Ion: 79 Resp: 235094
Ion Ratio Lower Upper
79 100
52 90.6 68.6 102.8
51 43.6 34.8 52.2

Manual Integrations
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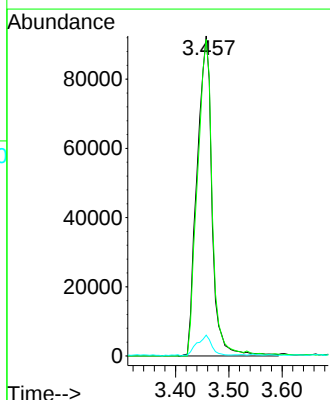
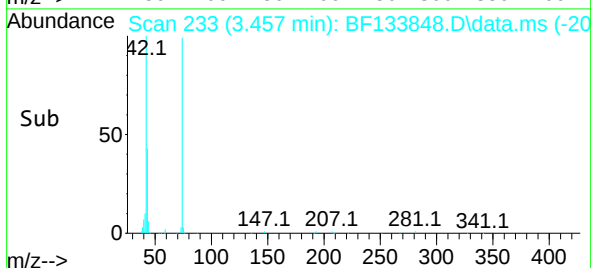
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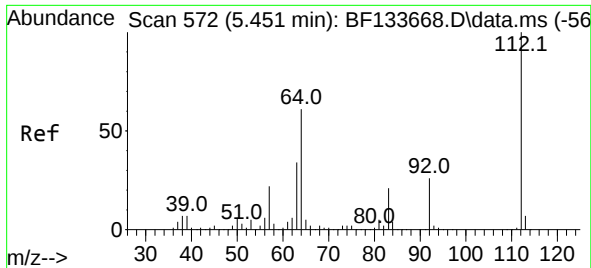


#4
n-Nitrosodimethylamine
Concen: 41.063 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.070 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion: 42 Resp: 180243
Ion Ratio Lower Upper
42 100
74 98.9 79.8 119.8
44 6.5 4.7 7.1





#5
2-Fluorophenol
Concen: 117.648 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

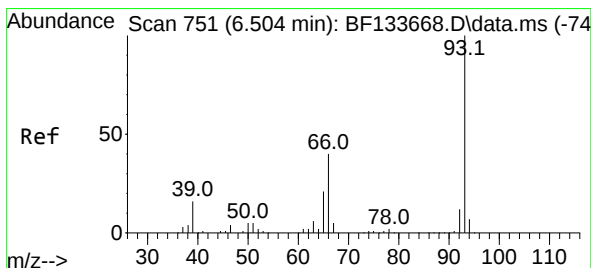
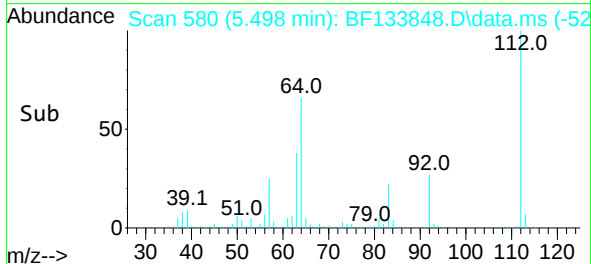
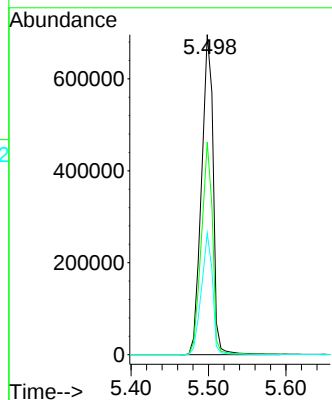
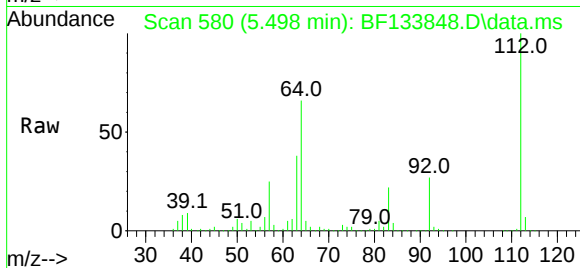
PB153230BS

Tgt Ion:112 Resp: 72905
Ion Ratio Lower Upper
112 100
64 66.4 49.0 73.4
63 38.0 26.8 40.2

Manual Integrations

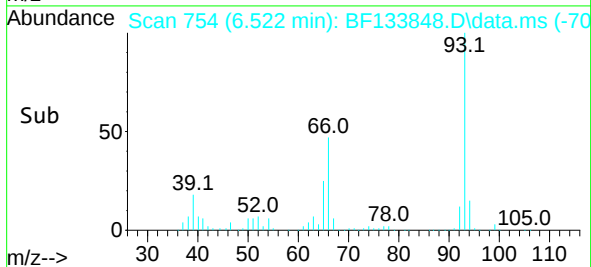
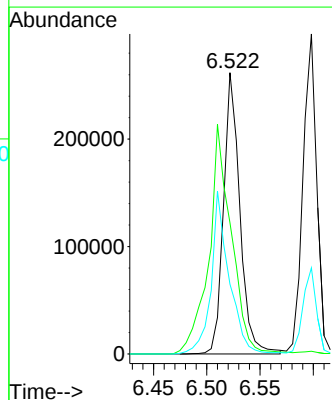
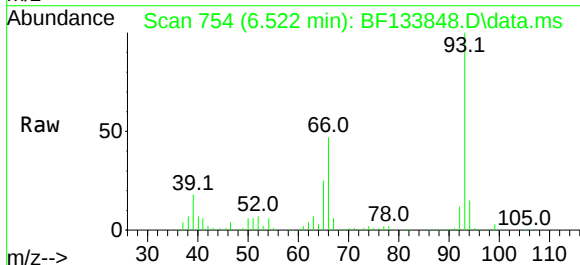
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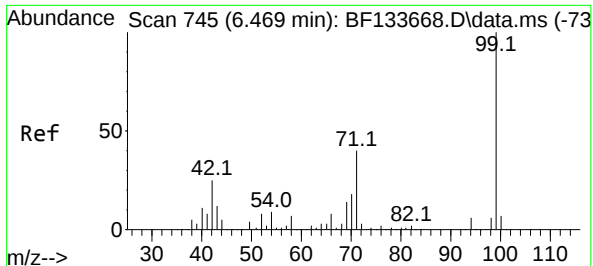
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#6
Aniline
Concen: 27.429 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

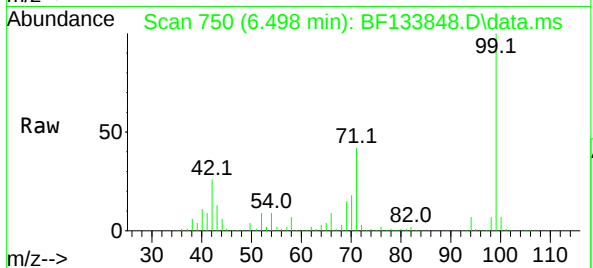
Tgt Ion: 93 Resp: 278666
Ion Ratio Lower Upper
93 100
66 46.7 34.4 51.6
65 24.8 17.5 26.3





#7
Phenol-d6
Concen: 109.970 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

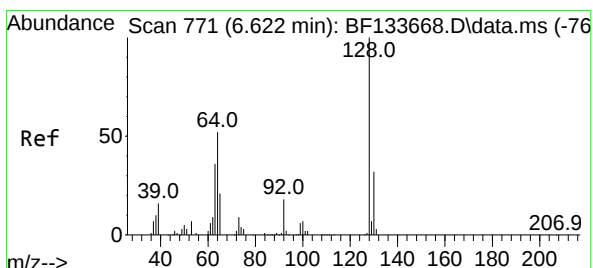
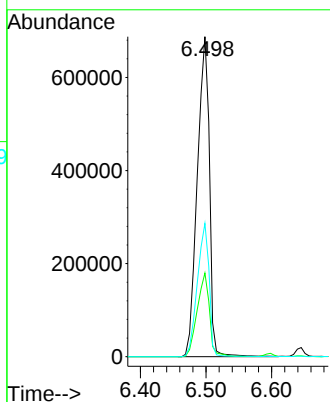
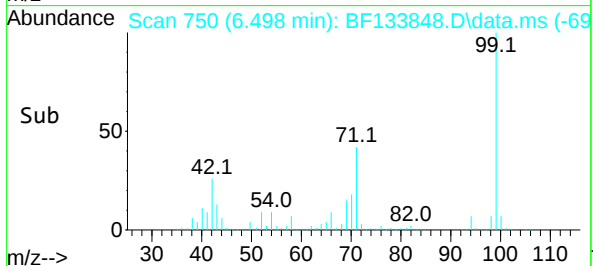
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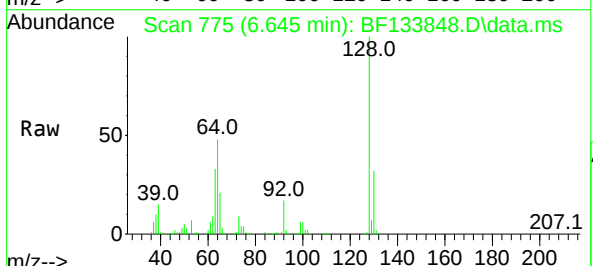
Tgt Ion: 99 Resp: 88705
Ion Ratio Lower Upper
99 100
42 26.2 19.9 29.9
71 41.7 32.2 48.4

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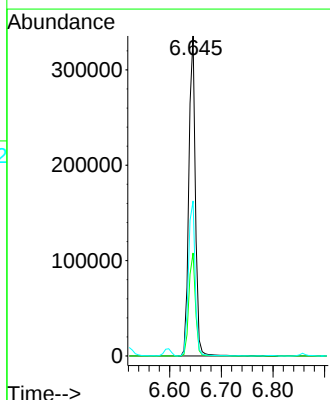
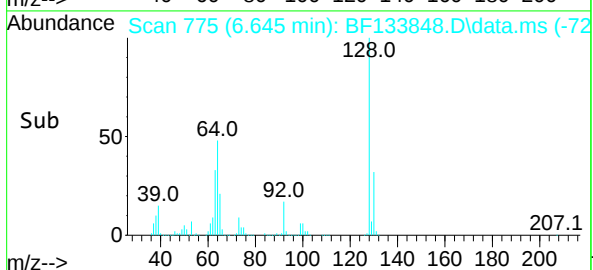
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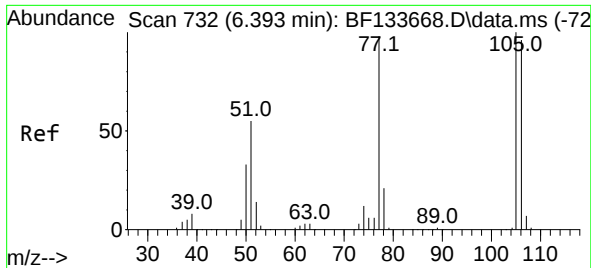


#8
2-Chlorophenol
Concen: 45.042 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion:128 Resp: 294149
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 48.4 33.1 73.1





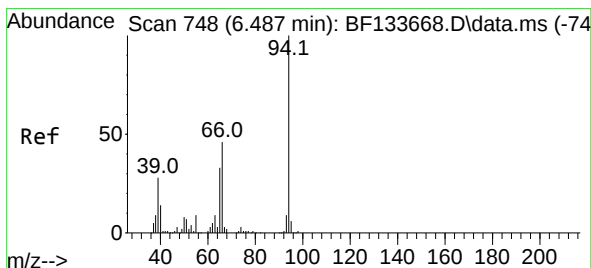
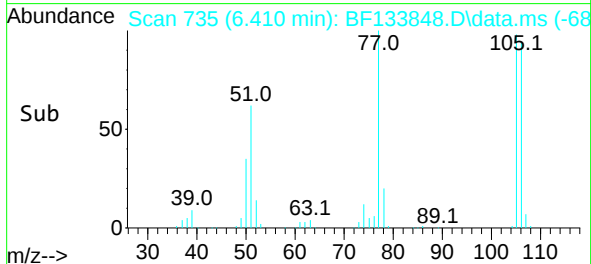
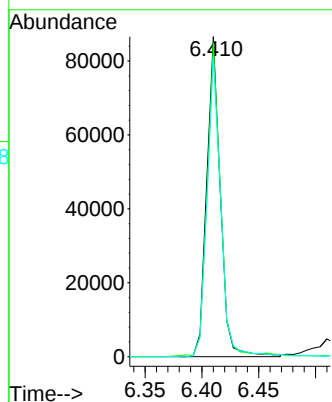
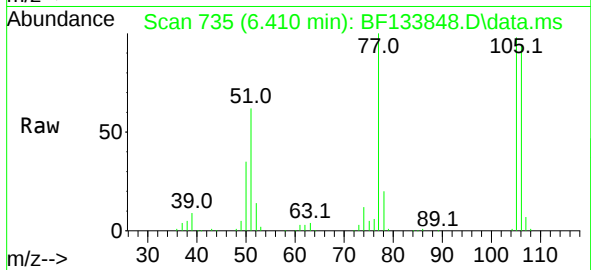
#9
Benzaldehyde
Concen: 13.438 ng
RT: 6.410 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :
BNA_F
ClientSampleId :
PB153230BS

Tgt Ion: 77 Resp: 7191
Ion Ratio Lower Upper
77 100
105 98.1 82.0 122.0
106 93.5 77.6 117.6

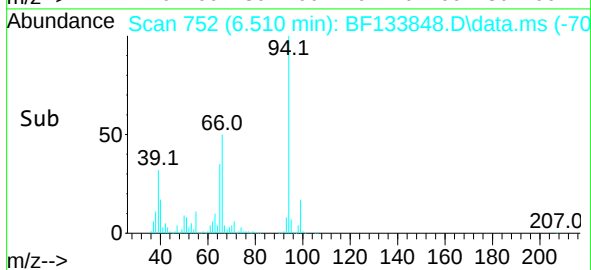
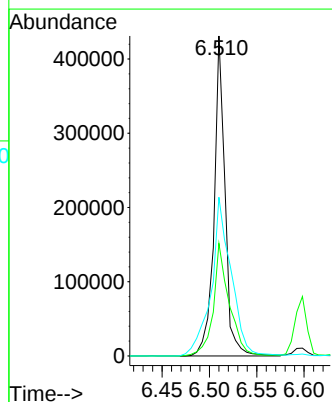
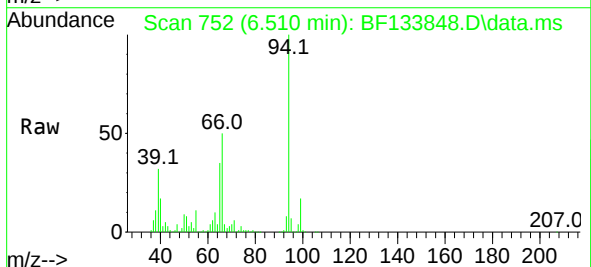
Manual Integrations
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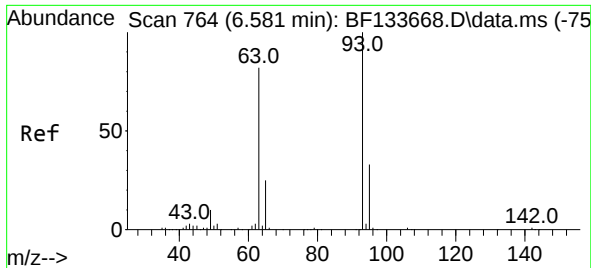
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Phenol
Concen: 41.218 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion: 94 Resp: 347169
Ion Ratio Lower Upper
94 100
65 35.2 13.2 53.2
66 49.6 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 41.987 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

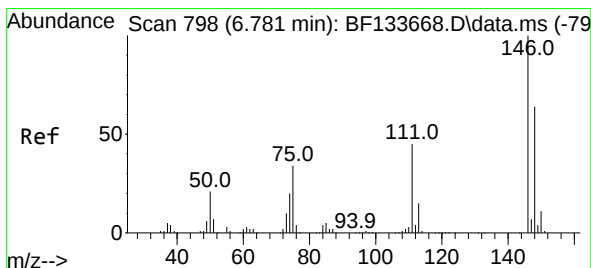
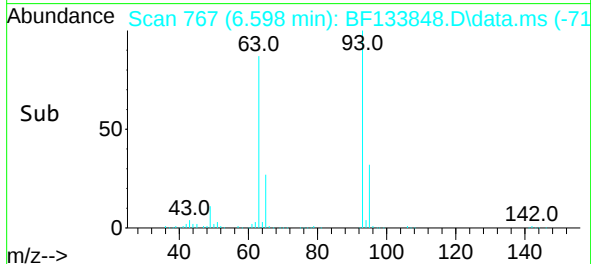
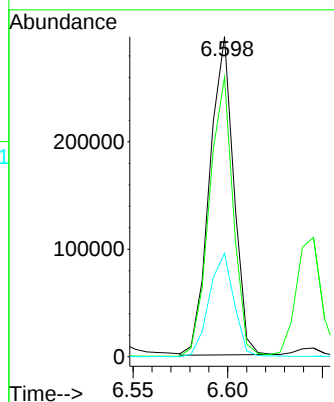
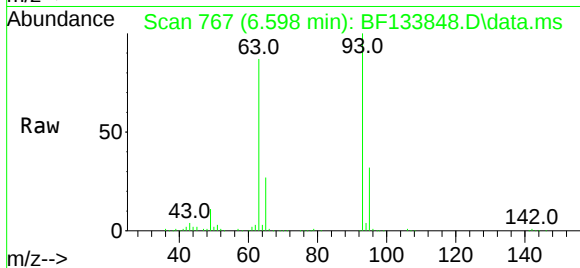
ClientSampleId :

PB153230BS

Tgt Ion: 93 Resp: 26254
Ion Ratio Lower Upper
93 100
63 87.3 62.1 102.1
95 32.3 13.0 53.0

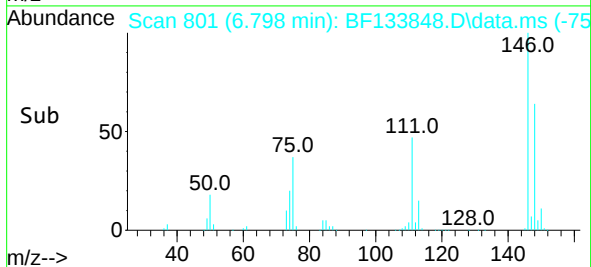
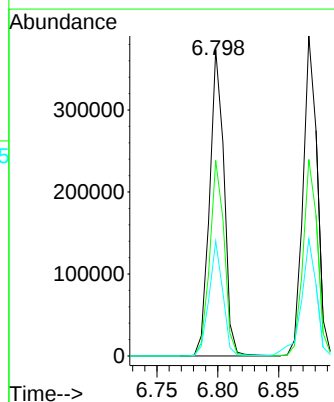
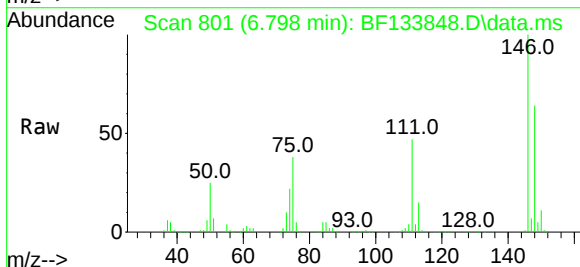
Manual Integrations
APPROVED

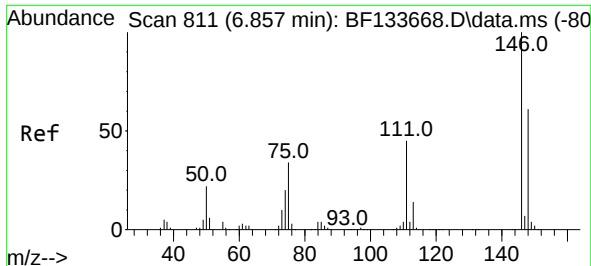
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
1,3-Dichlorobenzene
Concen: 44.135 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:146 Resp: 307955
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 37.5 27.1 40.7





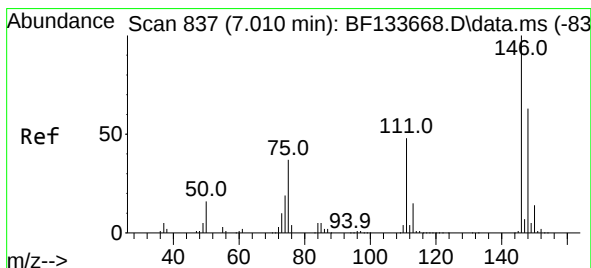
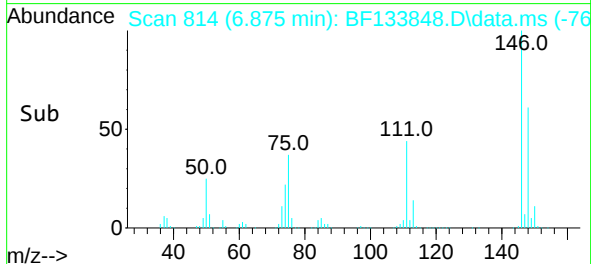
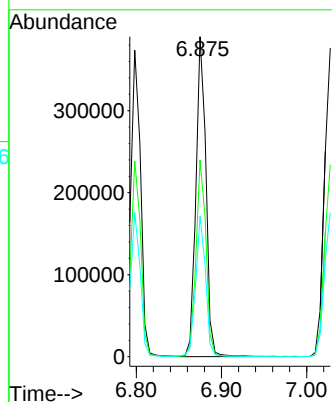
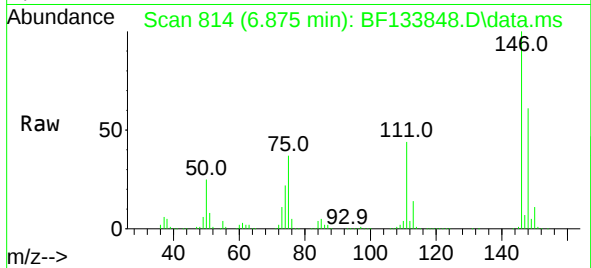
#13
1,4-Dichlorobenzene
Concen: 45.218 ng
RT: 6.875 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :
BNA_F
ClientSampleId :
PB153230BS

Tgt Ion:146 Resp: 318892
Ion Ratio Lower Upper
146 100
148 61.4 48.9 73.3
111 43.9 35.8 53.6

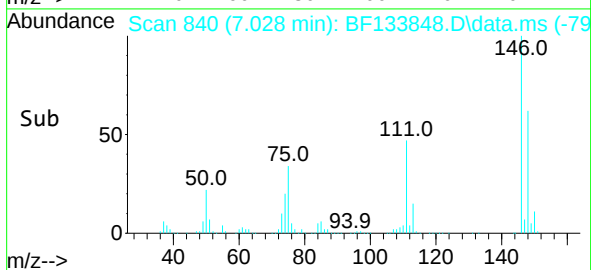
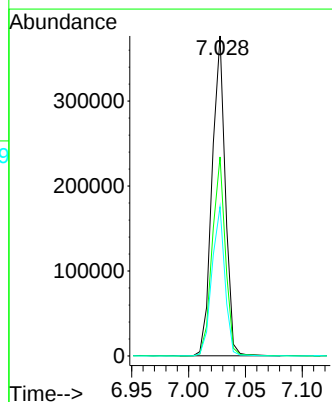
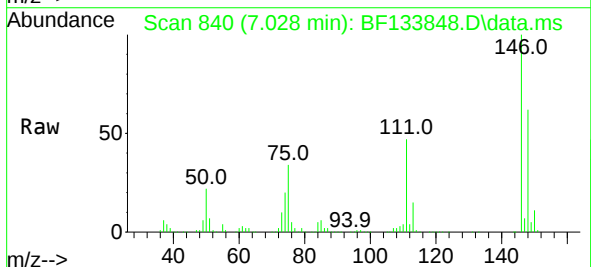
Manual Integrations
APPROVED

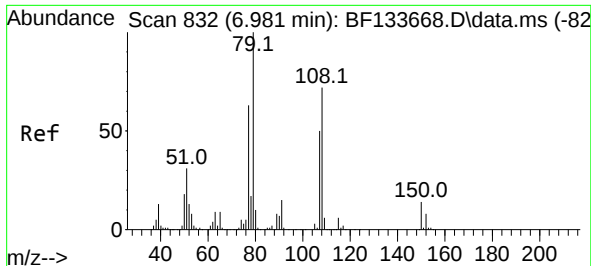
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#14
1,2-Dichlorobenzene
Concen: 47.643 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

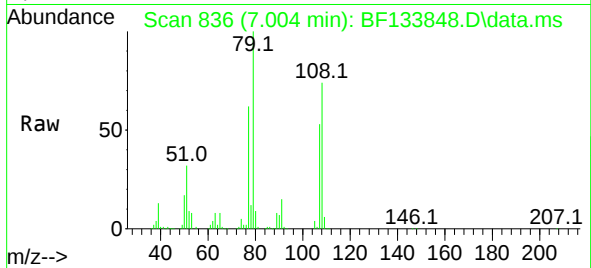
Tgt Ion:146 Resp: 303604
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
111 46.6 38.7 58.1





#15
Benzyl Alcohol
Concen: 42.206 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

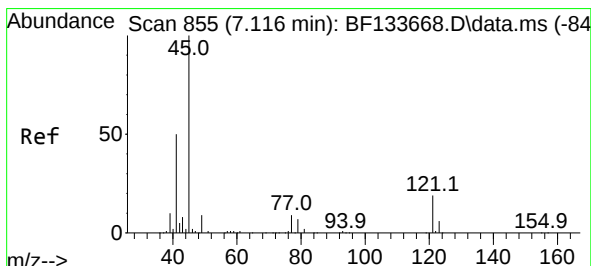
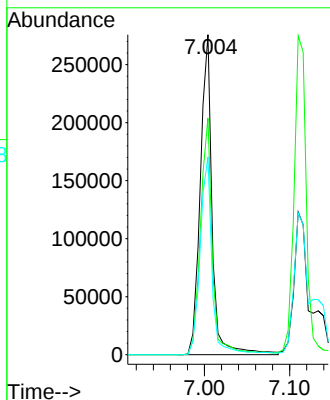
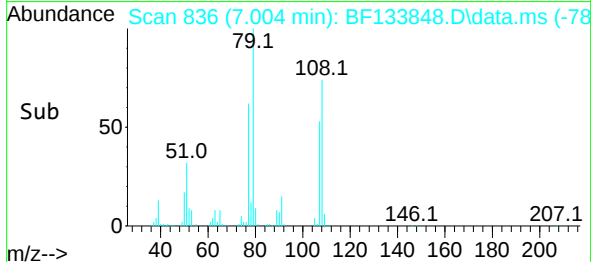
Instrument :
BNA_F
ClientSampleId :
PB153230BS



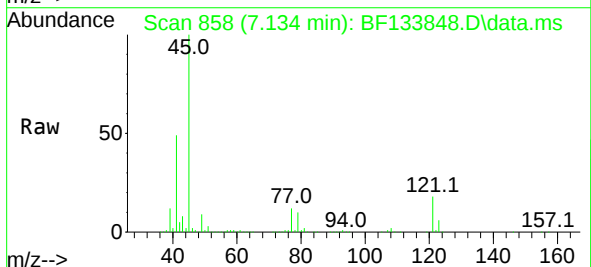
Tgt Ion: 79 Resp: 26590
Ion Ratio Lower Upper
79 100
108 73.9 57.9 86.9
77 61.8 50.4 75.6

Manual Integrations
APPROVED

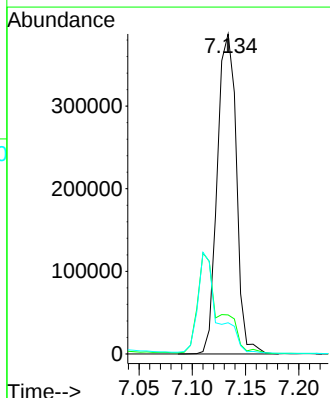
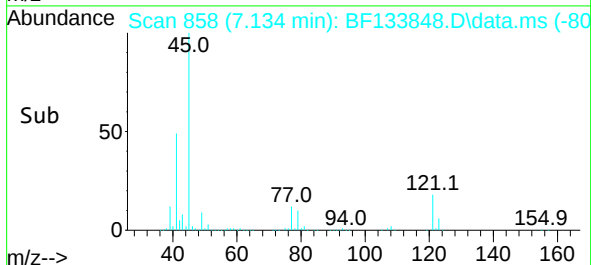
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

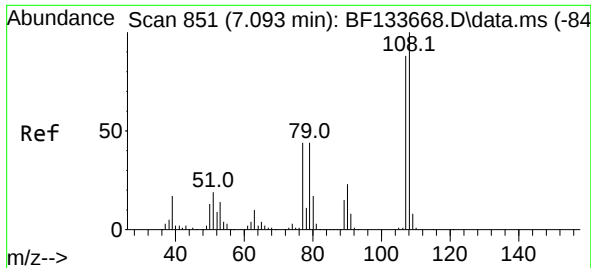


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.372 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion: 45 Resp: 480932
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.3
79 9.8 0.0 29.4





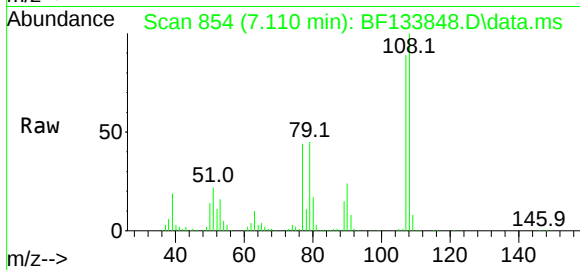
#17
2-Methylphenol
Concen: 41.804 ng
RT: 7.110 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

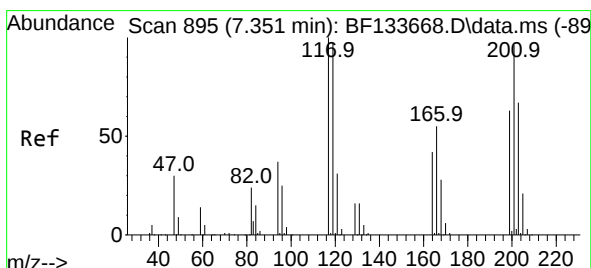
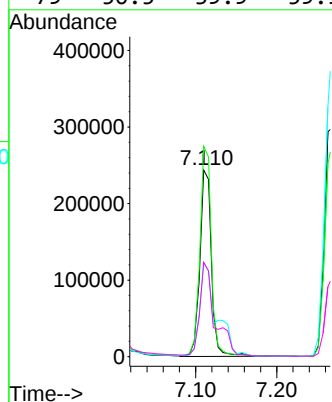
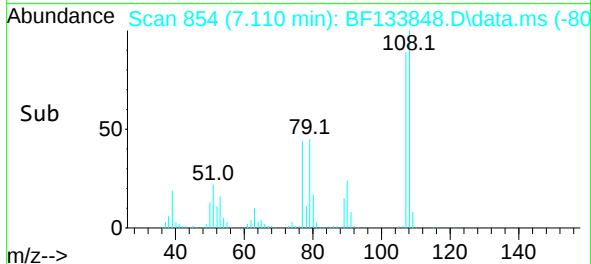


Tgt Ion:107 Resp: 241978
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 50.2 39.8 59.6
79 50.5 39.9 59.9

Manual Integrations

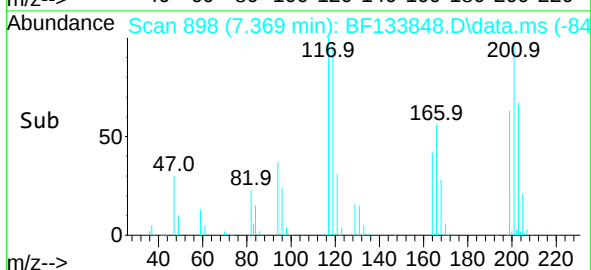
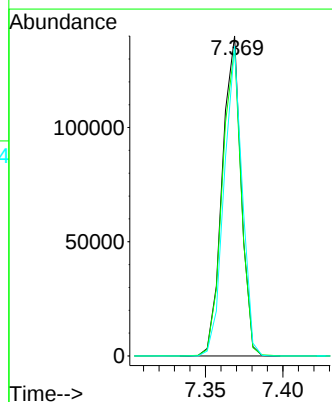
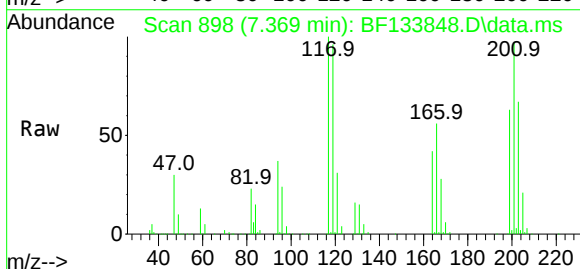
APPROVED

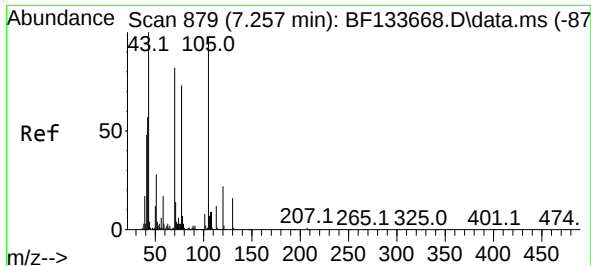
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#18
Hexachloroethane
Concen: 49.081 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:117 Resp: 118499
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
201 96.8 76.8 115.2





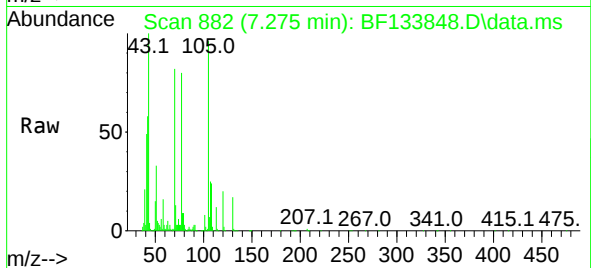
#19
n-Nitroso-di-n-propylamine
Concen: 40.926 ng
RT: 7.275 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

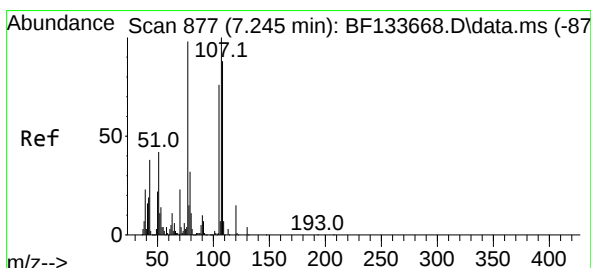
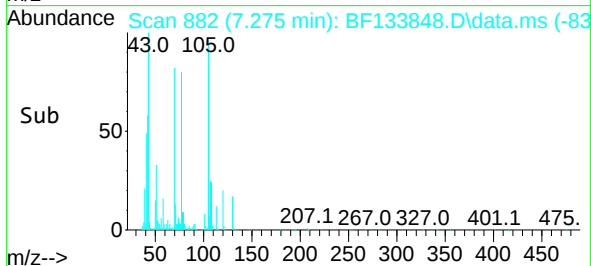
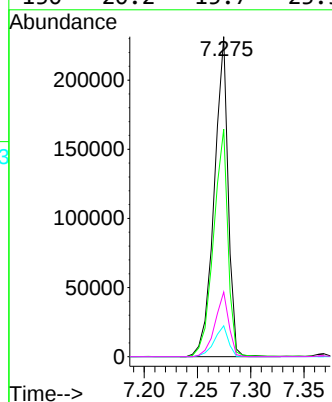
PB153230BS



Tgt Ion: 70 Resp: 21004
Ion Ratio Lower Upper
70 100
42 71.1 55.8 83.8
101 9.6 8.1 12.1
130 20.2 15.7 23.5

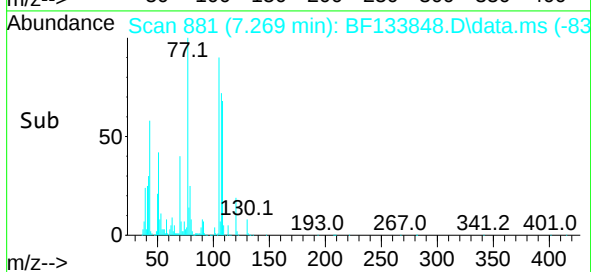
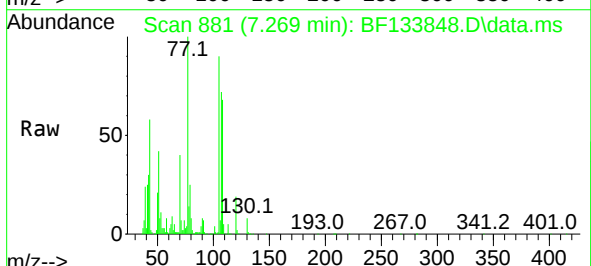
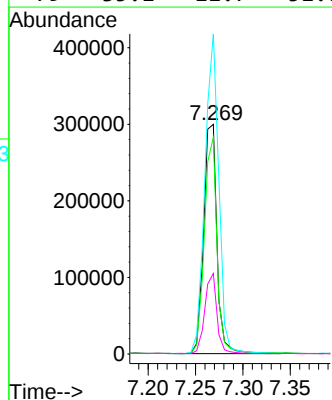
Manual Integrations
APPROVED

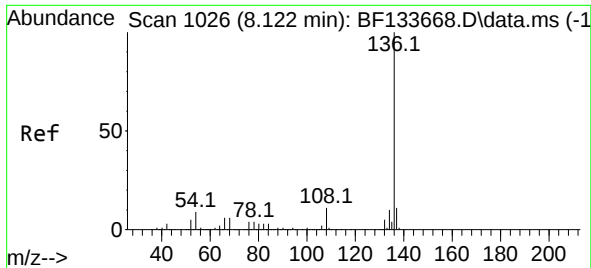
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#20
3+4-Methylphenols
Concen: 38.852 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:107 Resp: 292554
Ion Ratio Lower Upper
107 100
108 94.3 67.9 107.9
77 139.4 77.7 117.7#
79 35.1 11.7 51.7





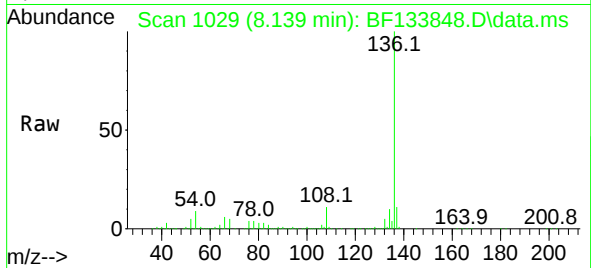
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

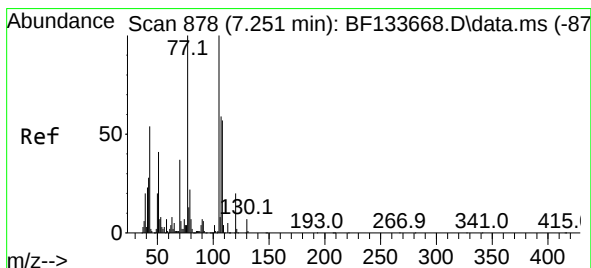
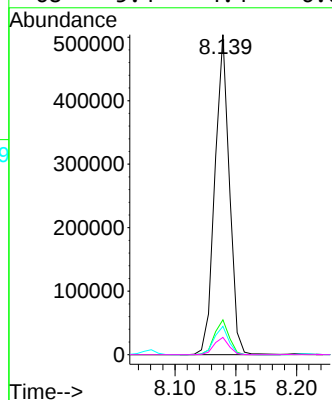
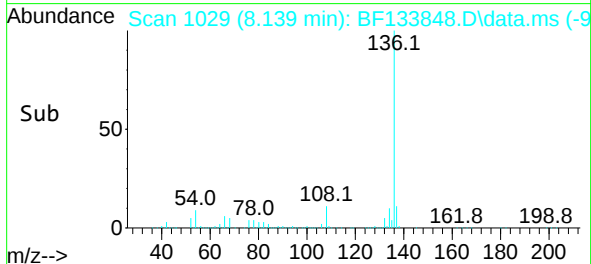


Tgt Ion:136 Resp: 416792
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.9 7.4 11.0
68 5.4 4.4 6.6

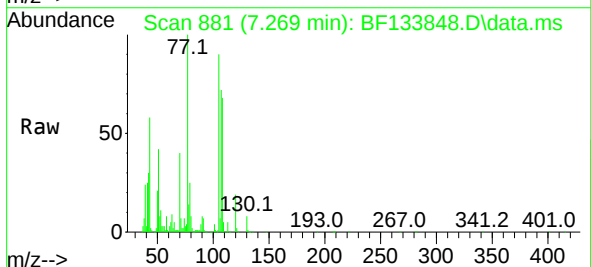
Manual Integrations

APPROVED

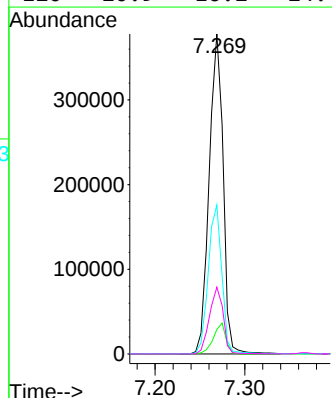
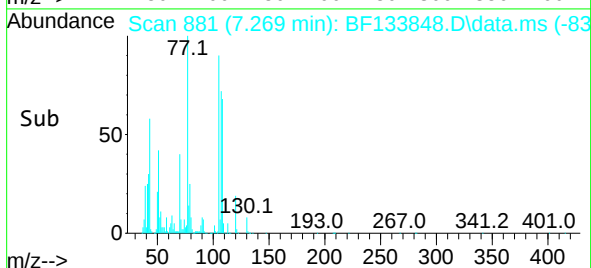
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

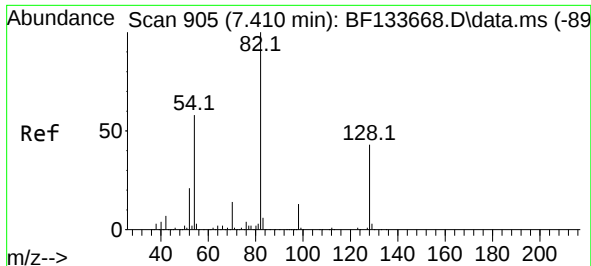


#22
Acetophenone
Concen: 42.743 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion:105 Resp: 408597
Ion Ratio Lower Upper
105 100
71 7.6 4.8 7.2#
51 46.6 33.0 49.4
120 20.9 16.2 24.4





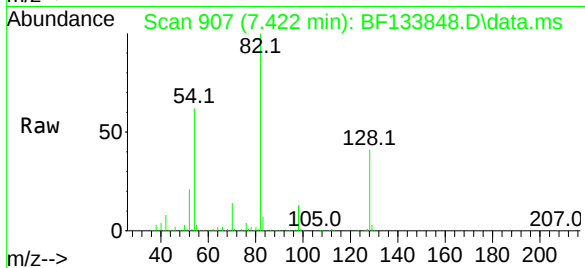
#23
Nitrobenzene-d5
Concen: 79.033 ng
RT: 7.422 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

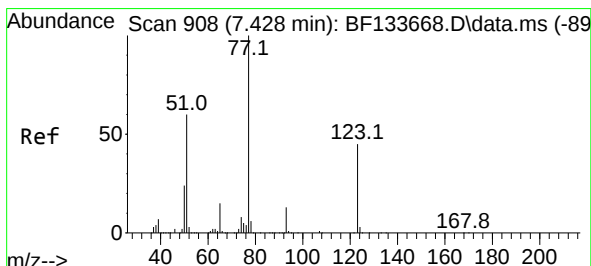
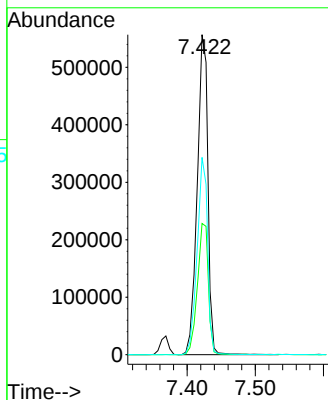
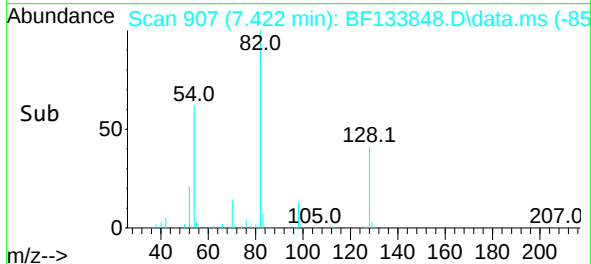
PB153230BS



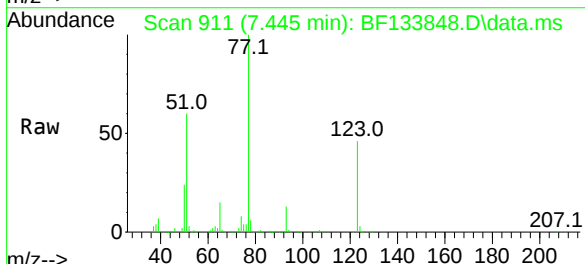
Tgt Ion: 82 Resp: 604780
Ion Ratio Lower Upper
82 100
128 41.0 34.2 51.2
54 61.7 46.5 69.7

Manual Integrations
APPROVED

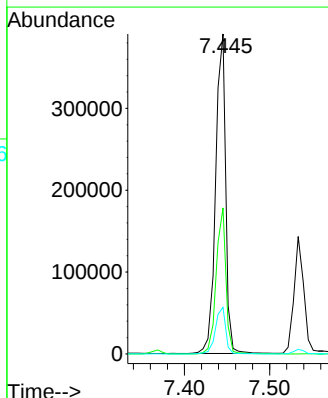
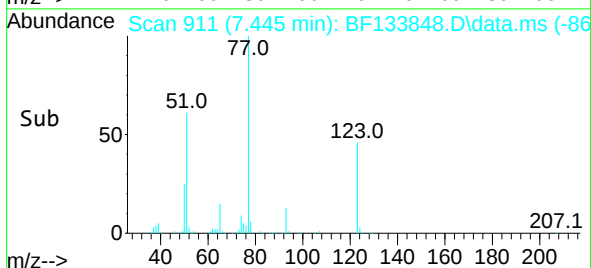
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

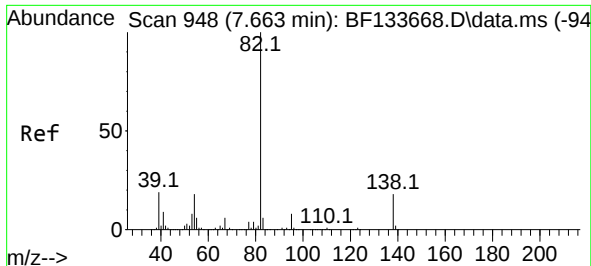


#24
Nitrobenzene
Concen: 41.700 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion: 77 Resp: 321308
Ion Ratio Lower Upper
77 100
123 45.7 35.8 53.8
65 14.5 11.6 17.4





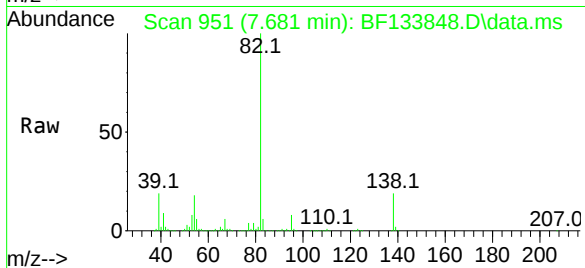
#25
Isophorone
Concen: 41.376 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

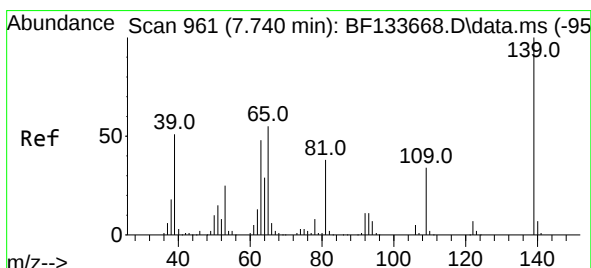
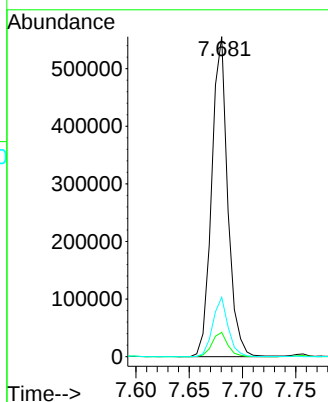
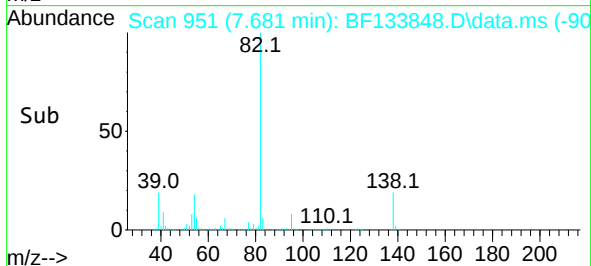


Tgt Ion: 82 Resp: 581278
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.5 14.2 21.2

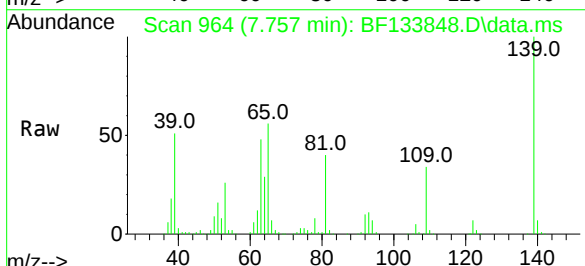
Manual Integrations

APPROVED

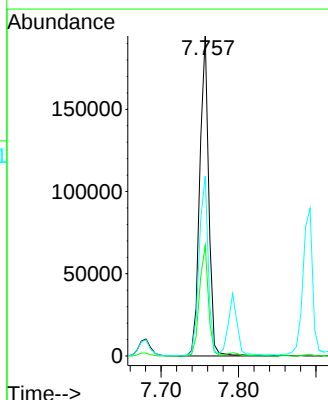
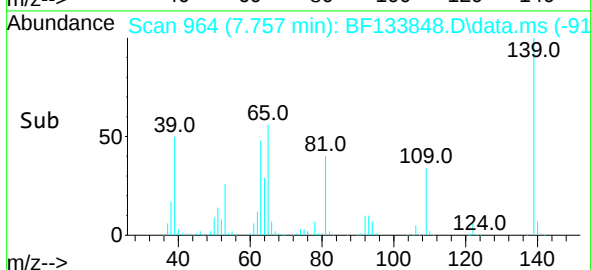
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

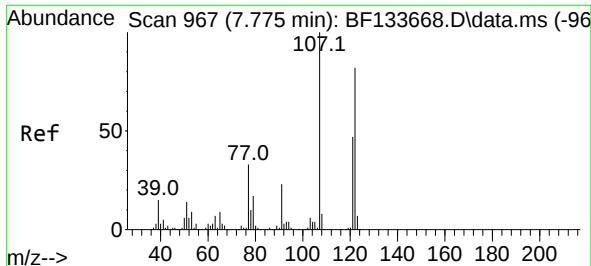


#26
2-Nitrophenol
Concen: 45.583 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion:139 Resp: 157630
Ion Ratio Lower Upper
139 100
109 34.5 27.0 40.6
65 56.2 44.2 66.4





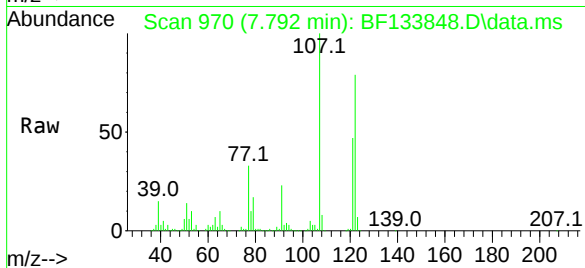
#27
2,4-Dimethylphenol
Concen: 43.095 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS



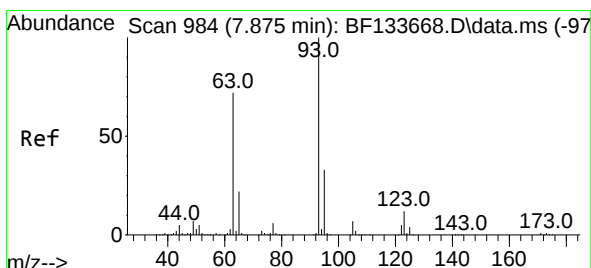
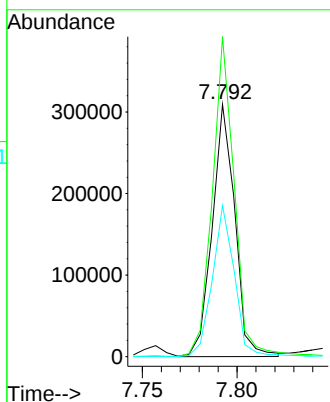
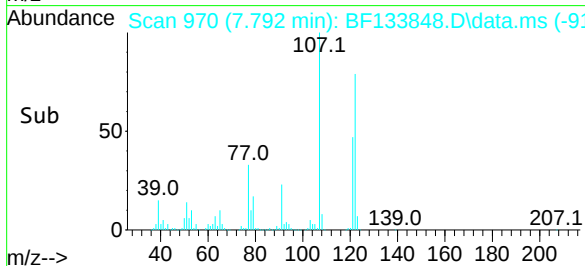
Tgt Ion:122 Resp: 25686
Ion Ratio Lower Upper
122 100
107 126.8 97.8 146.6
121 59.9 46.1 69.1

Manual Integrations

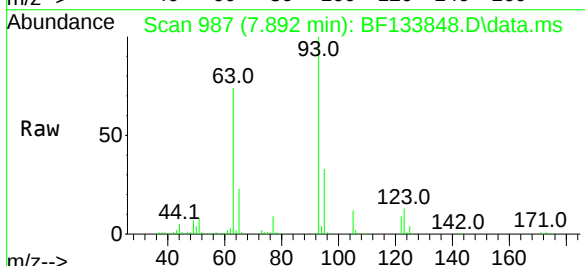
APPROVED

Reviewed By :Yogesh Patel 06/21/2023

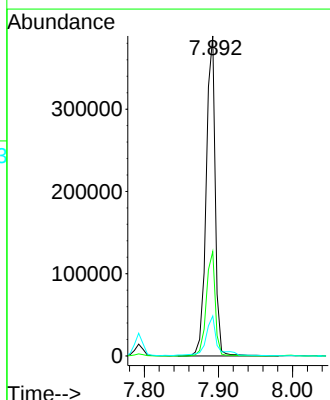
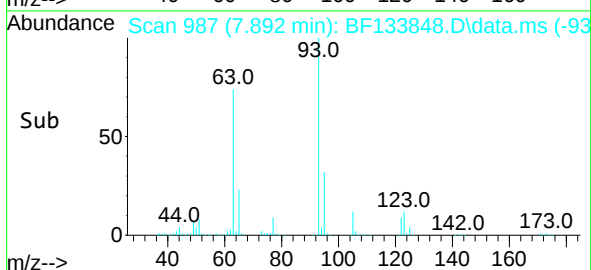
Supervised By :mohammad ahmed 06/21/2023

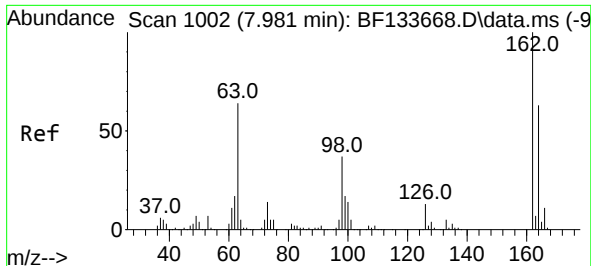


#28
bis(2-Chloroethoxy)methane
Concen: 40.777 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion: 93 Resp: 331095
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.095 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF133848.D

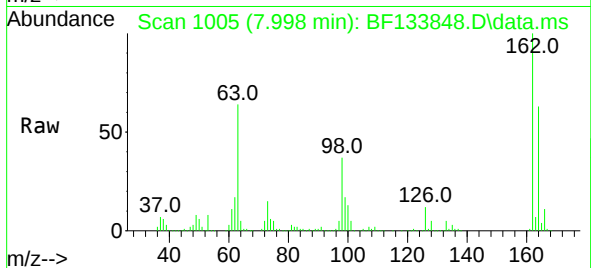
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS



Tgt Ion:162 Resp: 245899

Ion Ratio Lower Upper

162 100

164 63.3 43.4 83.4

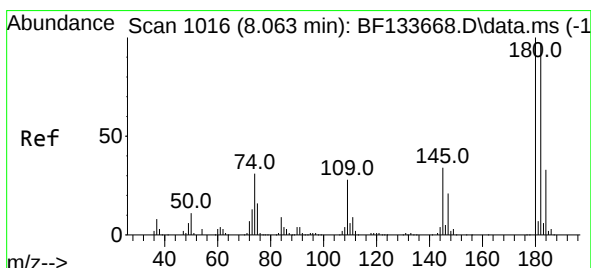
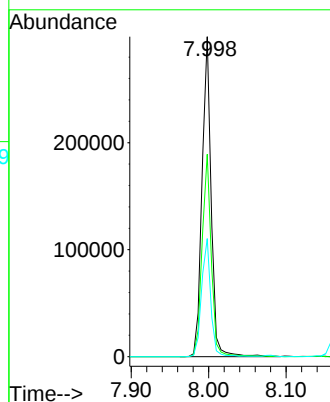
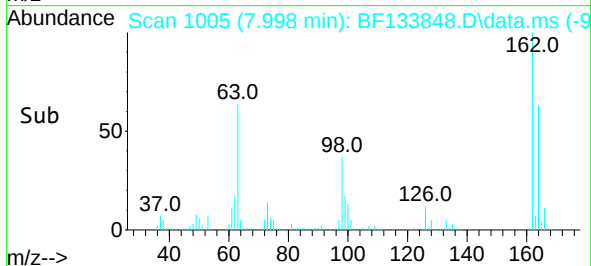
98 36.9 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.106 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

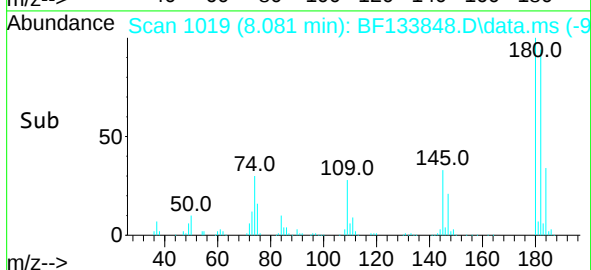
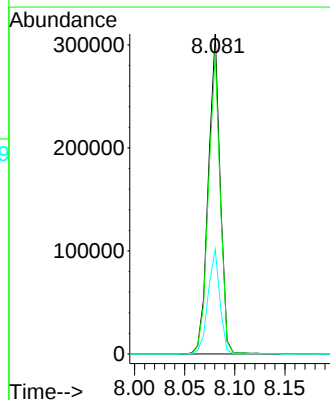
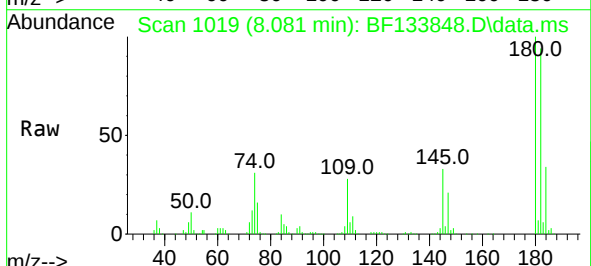
Tgt Ion:180 Resp: 256622

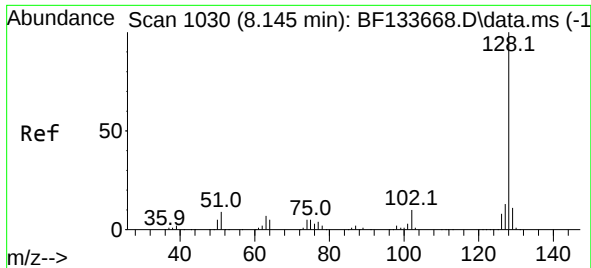
Ion Ratio Lower Upper

180 100

182 94.1 77.8 116.8

145 32.7 27.0 40.4





#31
Naphthalene
Concen: 40.503 ng
RT: 8.163 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

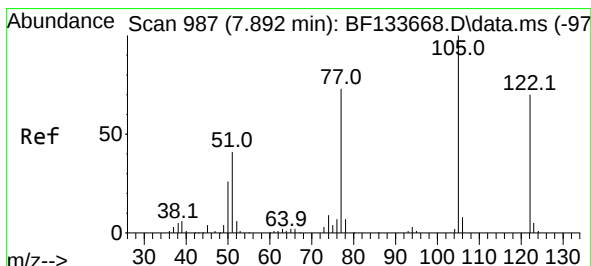
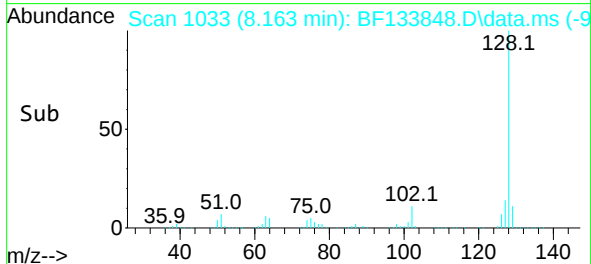
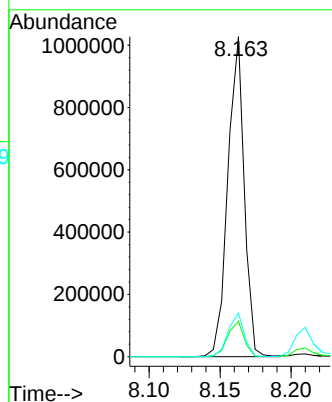
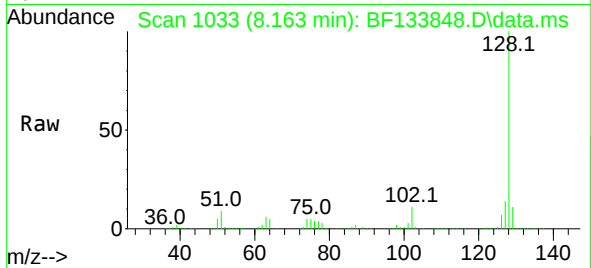
PB153230BS

Tgt Ion:128 Resp: 822450
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.6 10.5 15.7

Manual Integrations

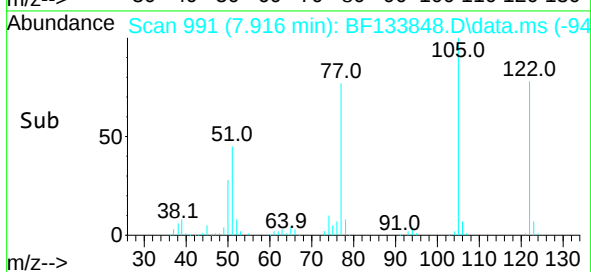
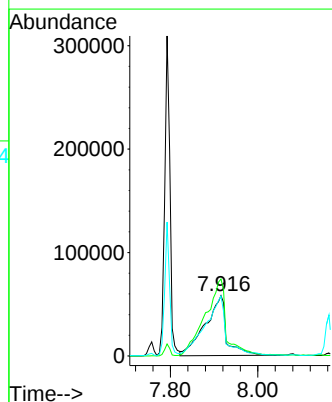
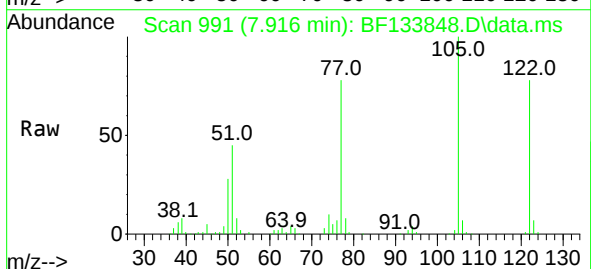
APPROVED

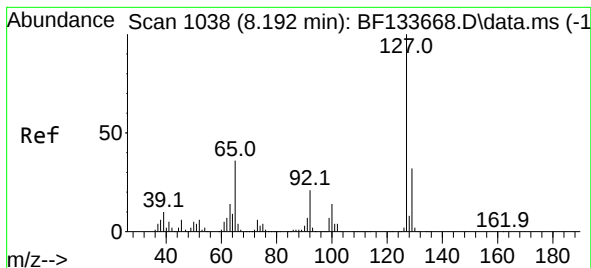
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#32
Benzoic acid
Concen: 52.483 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:122 Resp: 197287
Ion Ratio Lower Upper
122 100
105 127.6 116.3 156.3
77 99.3 82.4 122.4





#33

4-Chloroaniline

Concen: 10.705 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

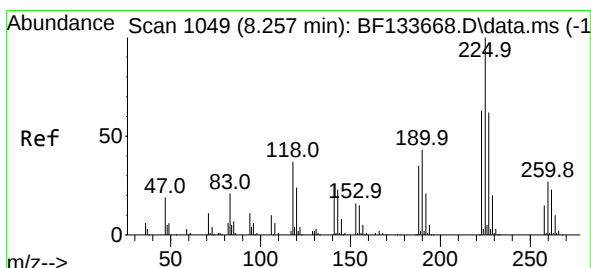
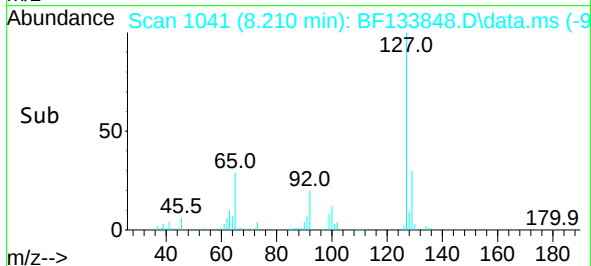
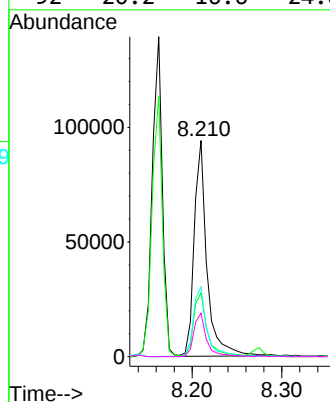
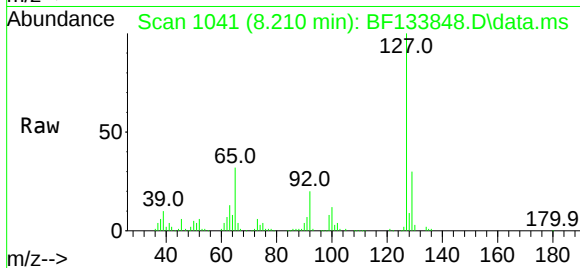
Tgt Ion:	127	Resp:	92949
Ion Ratio	Lower	Upper	
127	100		
129	29.5	25.6	38.4
65	32.2	28.9	43.3
92	20.2	16.6	24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#34

Hexachlorobutadiene

Concen: 41.076 ng

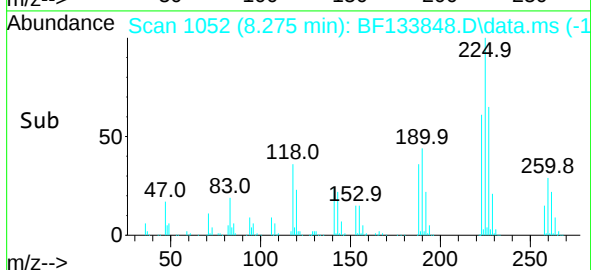
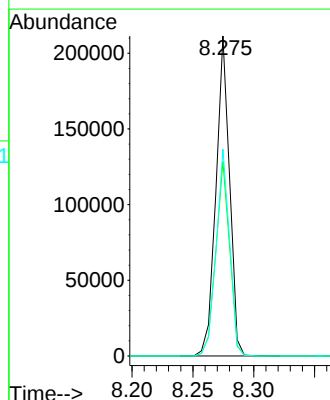
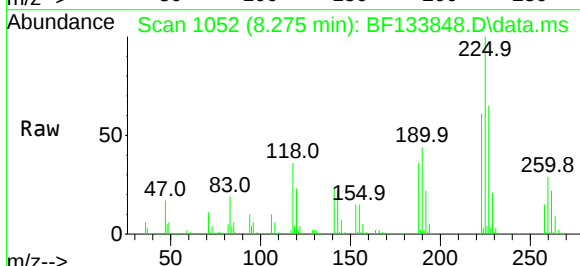
RT: 8.275 min Scan# 1052

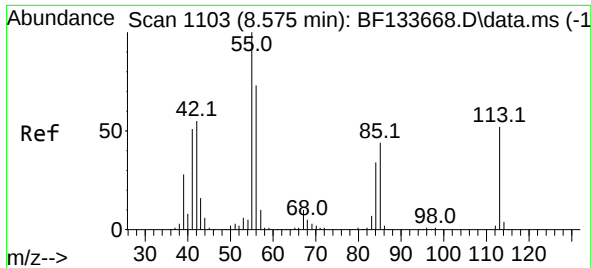
Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Tgt Ion:	225	Resp:	163907
Ion Ratio	Lower	Upper	
225	100		
223	60.8	50.2	75.4
227	64.6	49.5	74.3





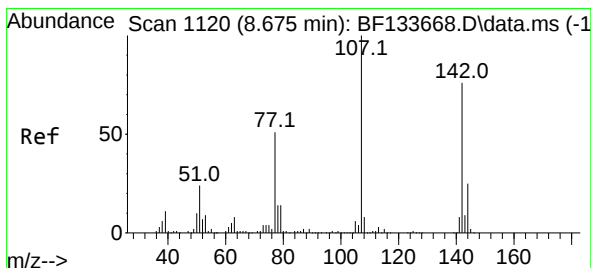
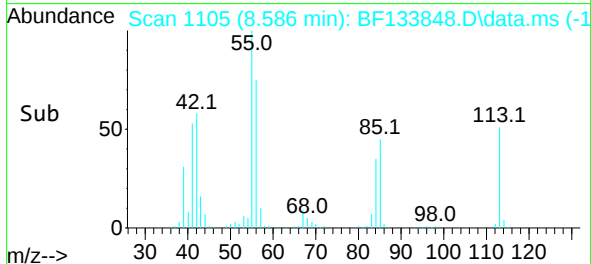
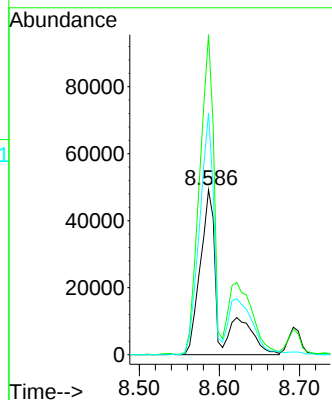
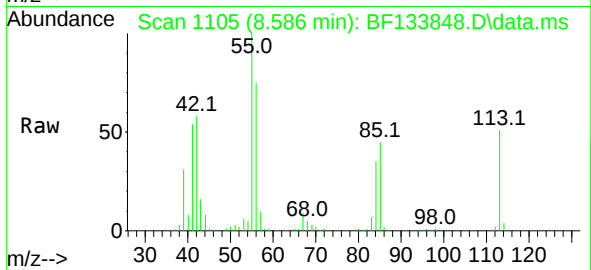
#35
Caprolactam
Concen: 42.244 ng m
RT: 8.586 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :
BNA_F
ClientSampleId :
PB153230BS

Tgt Ion:113 Resp: 8303
Ion Ratio Lower Upper
113 100
55 194.2 173.3 213.3
56 146.4 120.5 160.5

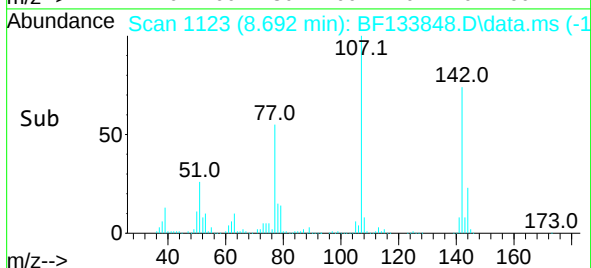
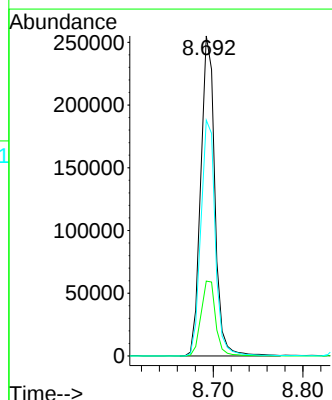
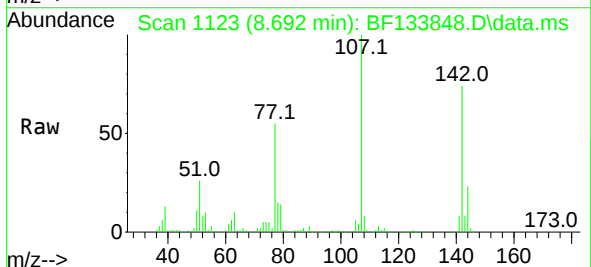
Manual Integrations
APPROVED

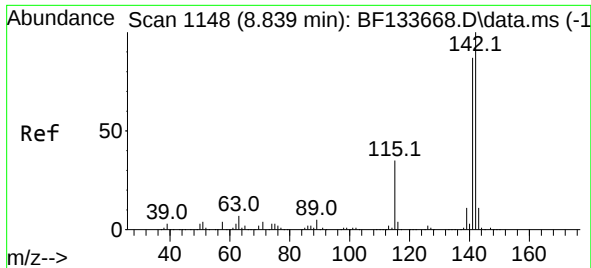
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#36
4-Chloro-3-methylphenol
Concen: 41.380 ng
RT: 8.692 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:107 Resp: 278627
Ion Ratio Lower Upper
107 100
144 23.4 19.7 29.5
142 73.7 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.385 ng

RT: 8.851 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:142 Resp: 555680

Ion Ratio Lower Upper

142 100

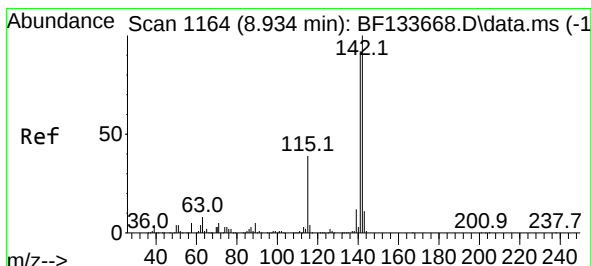
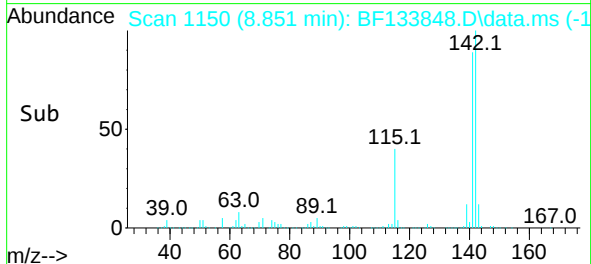
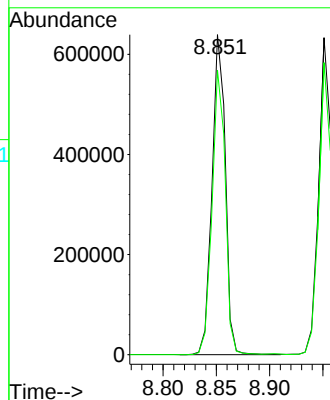
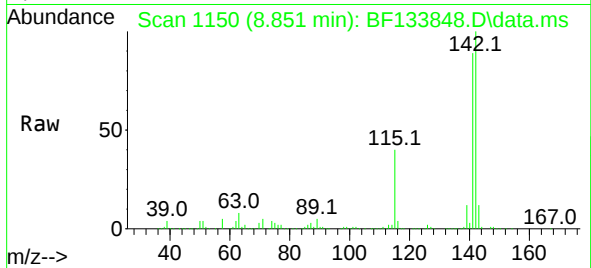
141 88.9 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#38

1-Methylnaphthalene

Concen: 39.856 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF133848.D

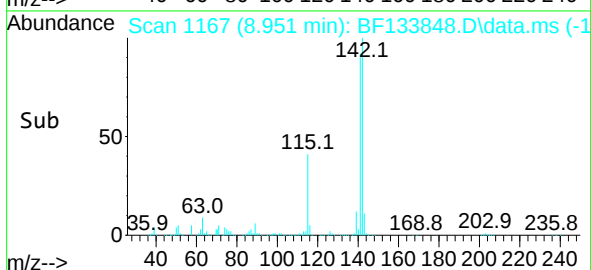
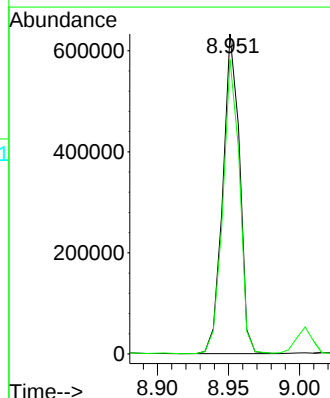
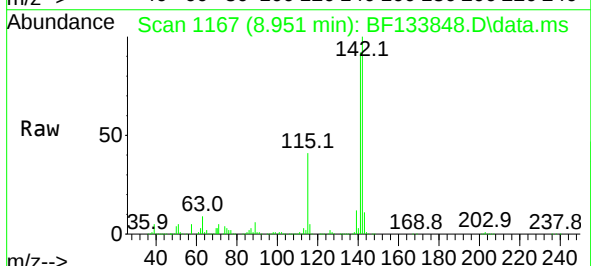
Acq: 20 Jun 2023 10:38

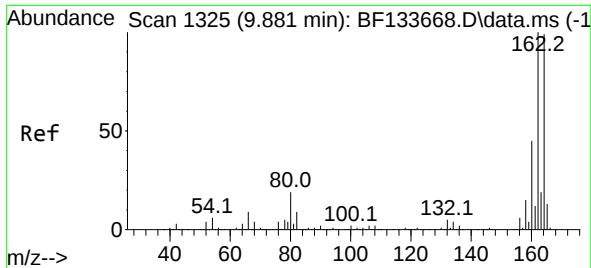
Tgt Ion:142 Resp: 517451

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.0





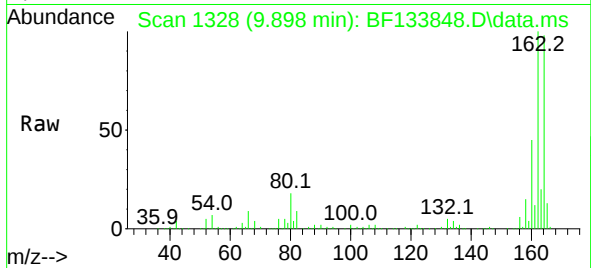
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

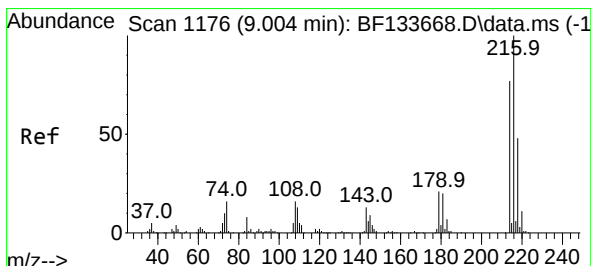
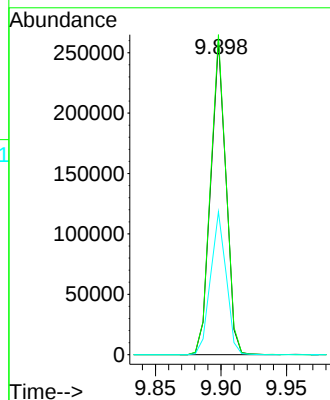
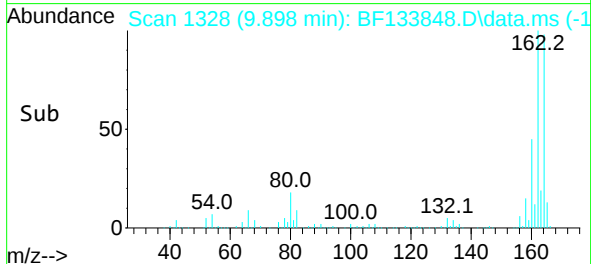


Tgt Ion:164 Resp: 21227
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.5 36.7 55.1

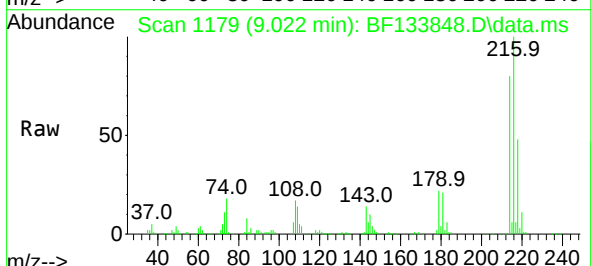
Manual Integrations

APPROVED

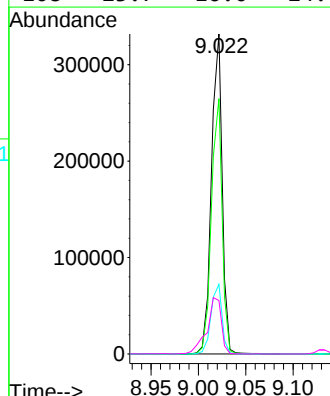
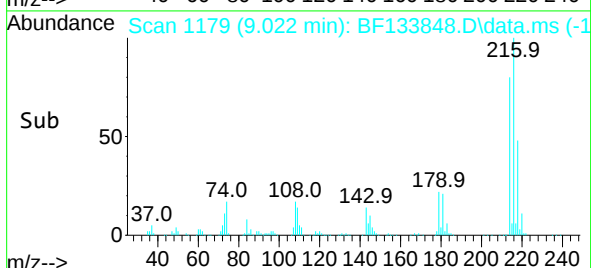
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

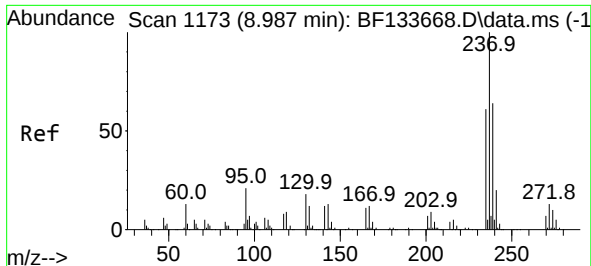


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.535 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



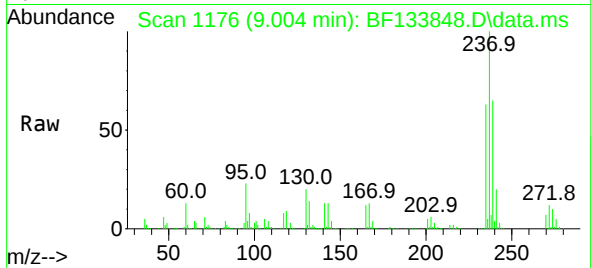
Tgt Ion:216 Resp: 261590
Ion Ratio Lower Upper
216 100
214 79.9 62.7 94.1
179 22.3 17.6 26.4
108 23.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 114.290 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

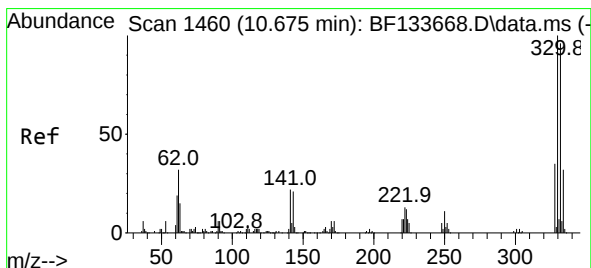
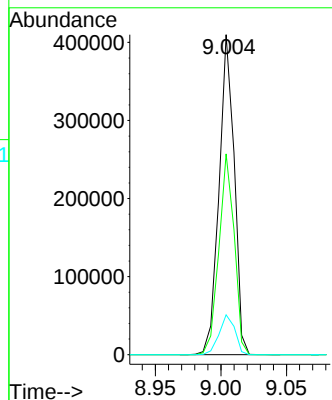
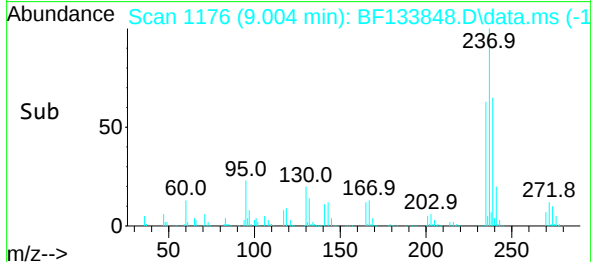
Instrument :
BNA_F
ClientSampleId :
PB153230BS



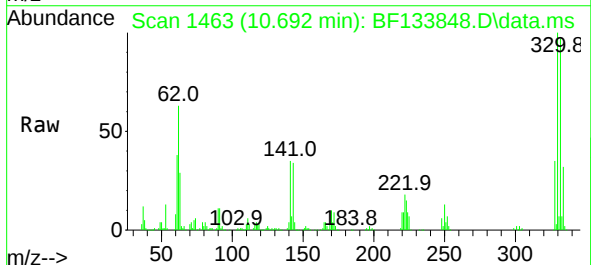
Tgt Ion:237 Resp: 328680
Ion Ratio Lower Upper
237 100
235 62.7 40.6 80.6
272 12.4 0.0 32.6

Manual Integrations
APPROVED

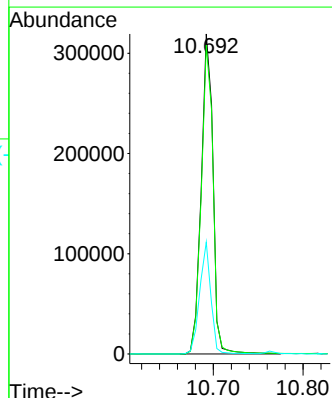
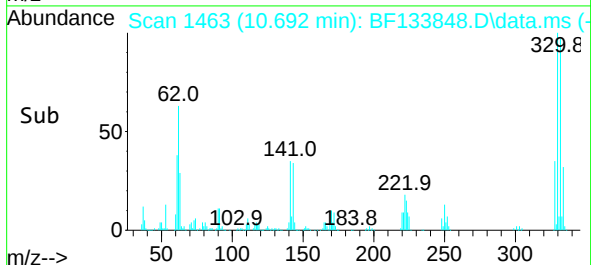
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

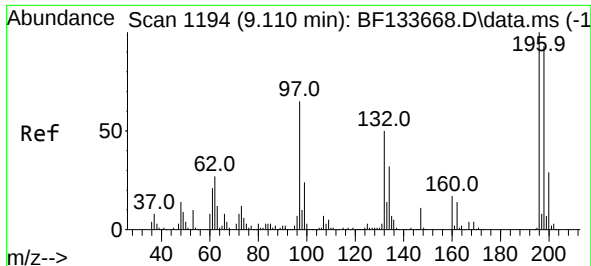


#42
2,4,6-Tribromophenol
Concen: 107.923 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion:330 Resp: 289993
Ion Ratio Lower Upper
330 100
332 97.7 77.2 115.8
141 33.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 40.421 ng

RT: 9.133 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF133848.D

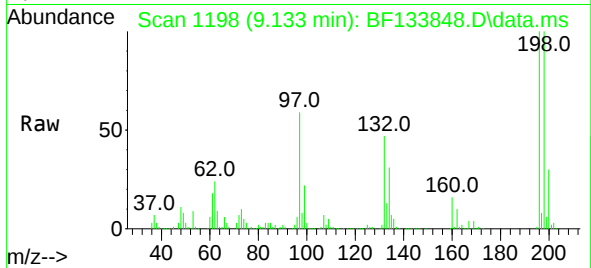
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS



Tgt Ion:196 Resp: 17431

Ion Ratio Lower Upper

196 100

198 99.8 74.5 111.7

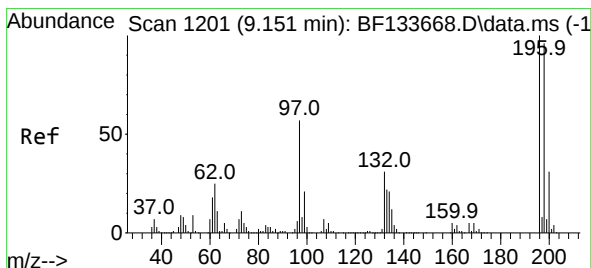
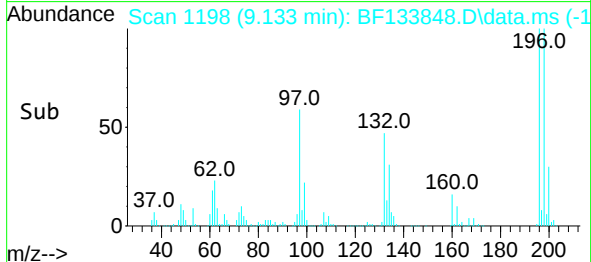
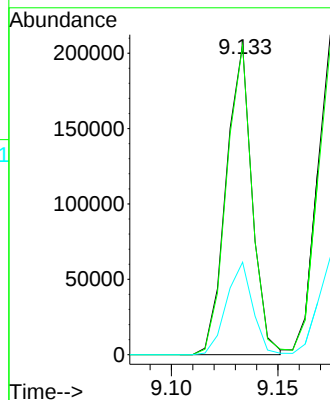
200 29.8 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#44

2,4,5-Trichlorophenol

Concen: 38.630 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Tgt Ion:196 Resp: 193809

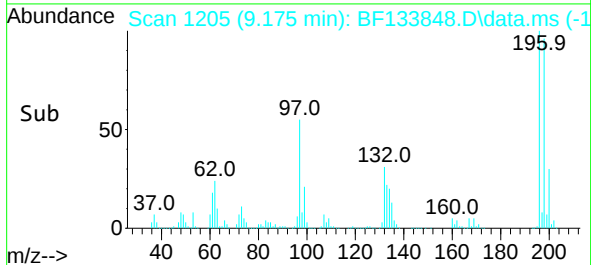
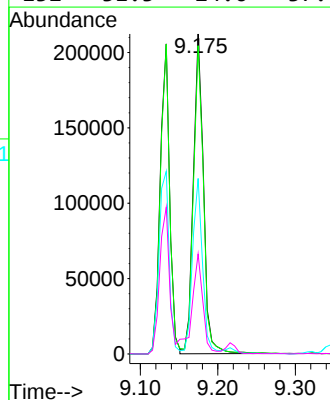
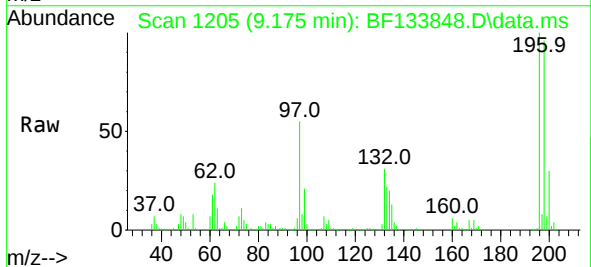
Ion Ratio Lower Upper

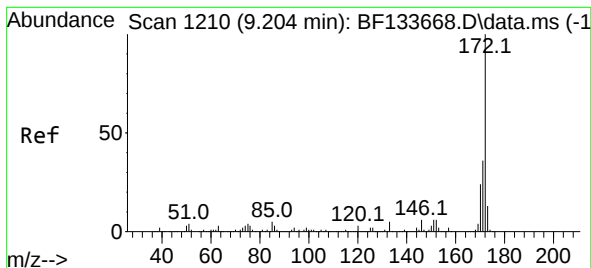
196 100

198 96.4 76.8 115.2

97 54.8 45.4 68.2

132 31.3 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 74.826 ng

RT: 9.216 min Scan# 111738

Delta R.T. -0.006 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:172 Resp: 111738

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

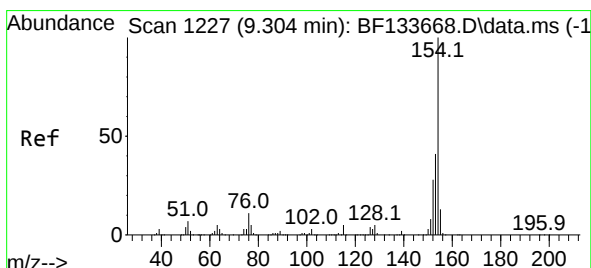
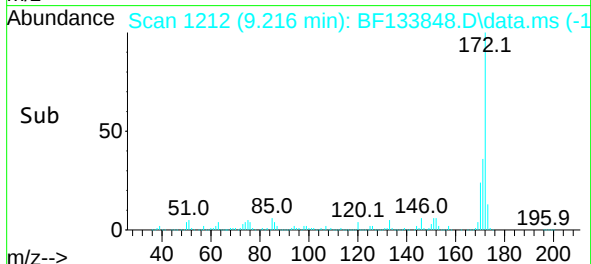
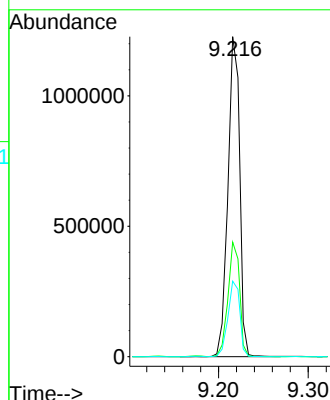
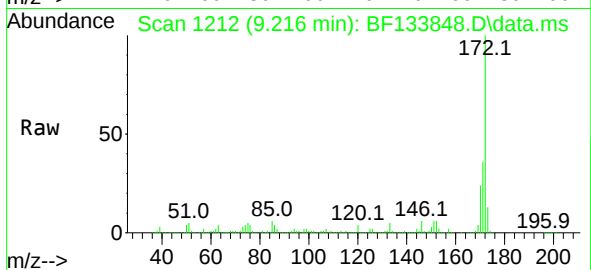
170 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#46

1,1'-Biphenyl

Concen: 41.002 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

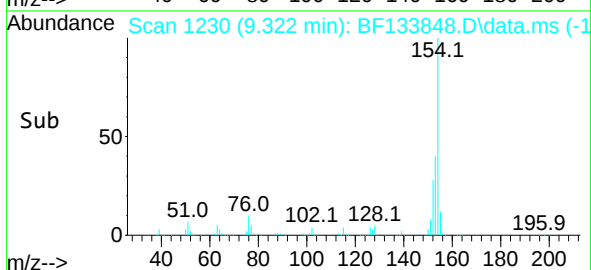
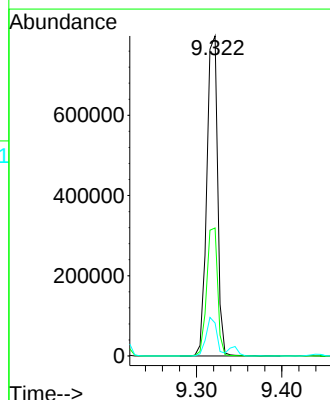
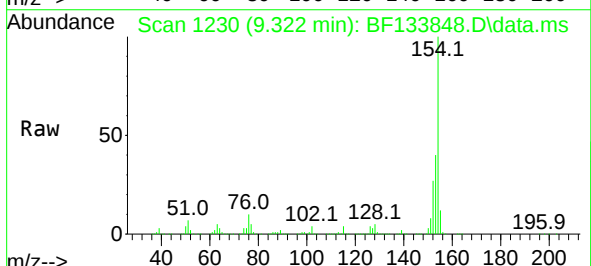
Tgt Ion:154 Resp: 701979

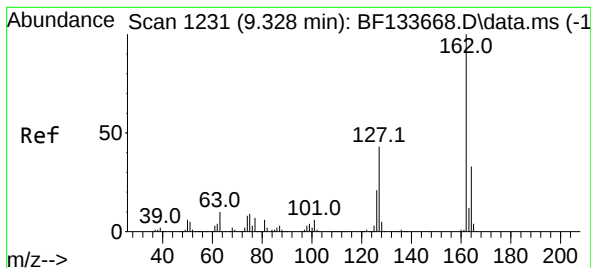
Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

76 10.3 0.0 31.0





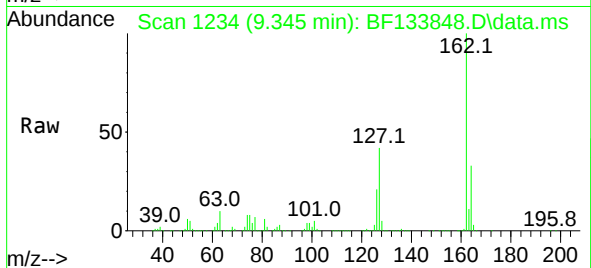
#47
2-Chloronaphthalene
Concen: 42.174 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

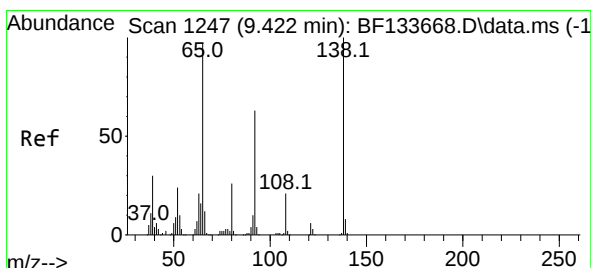
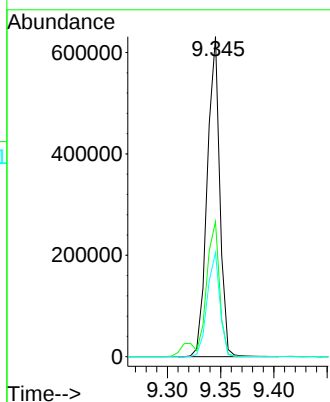
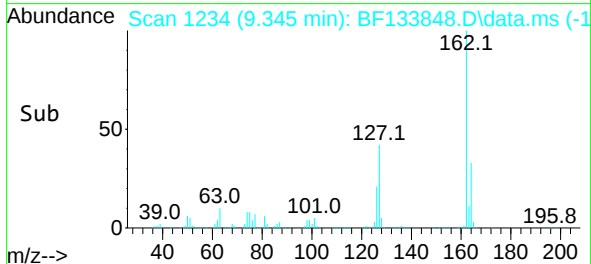
PB153230BS



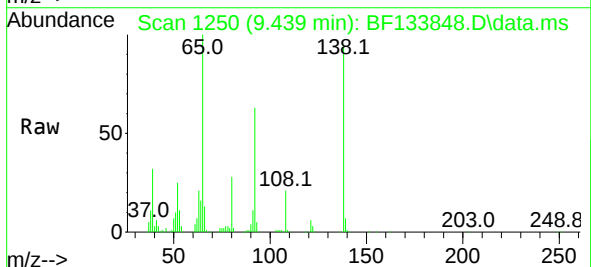
Tgt Ion:162 Resp: 517928
Ion Ratio Lower Upper
162 100
127 42.2 34.6 52.0
164 32.5 26.4 39.6

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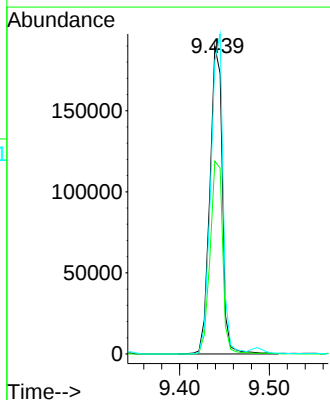
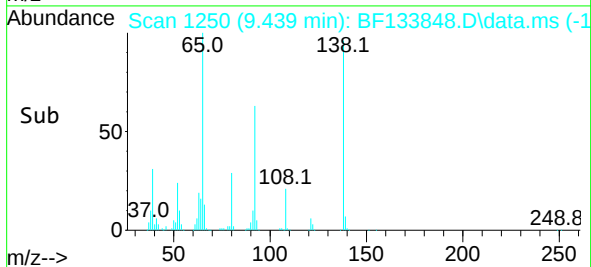
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

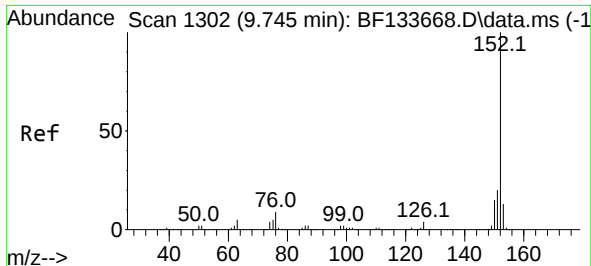


#48
2-Nitroaniline
Concen: 40.796 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion: 65 Resp: 183231
Ion Ratio Lower Upper
65 100
92 62.7 51.8 77.6
138 95.2 82.1 123.1





#49

Acenaphthylene

Concen: 40.187 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

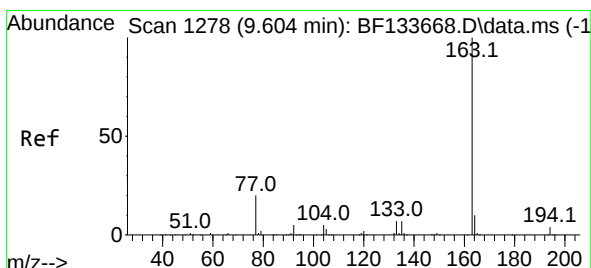
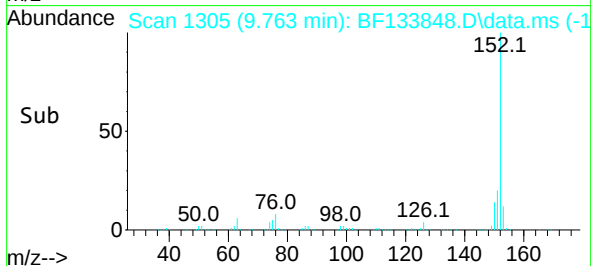
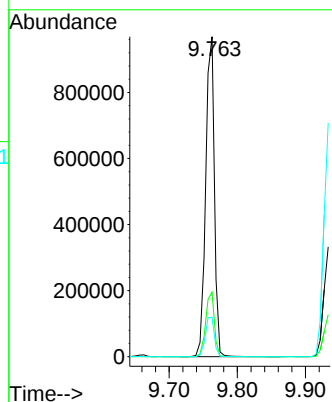
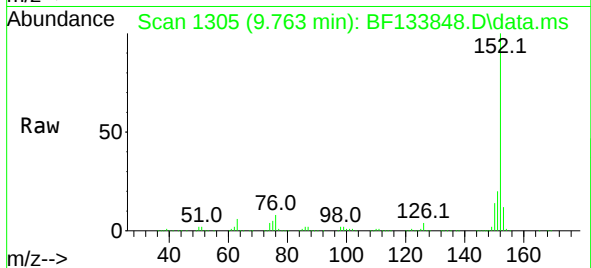
Tgt Ion:152 Resp: 858970
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 12.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#50

Dimethylphthalate

Concen: 39.799 ng

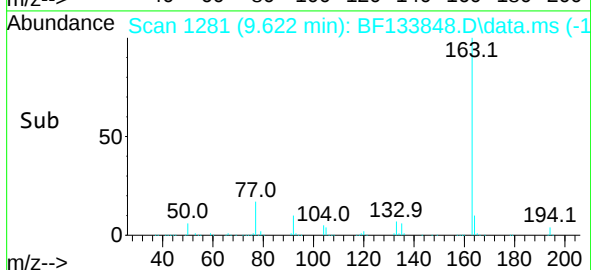
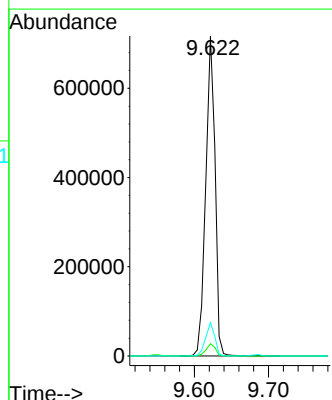
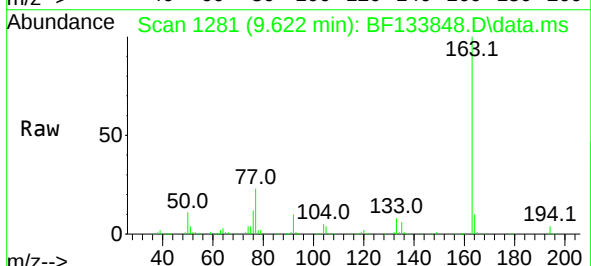
RT: 9.622 min Scan# 1281

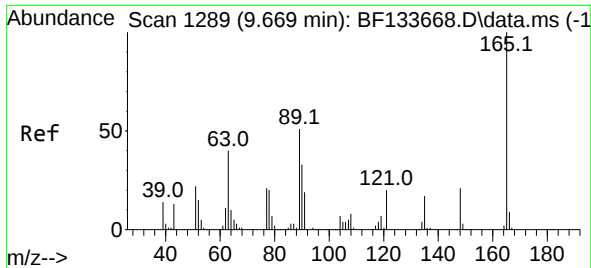
Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Tgt Ion:163 Resp: 630612
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.2 4.8
 164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.309 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

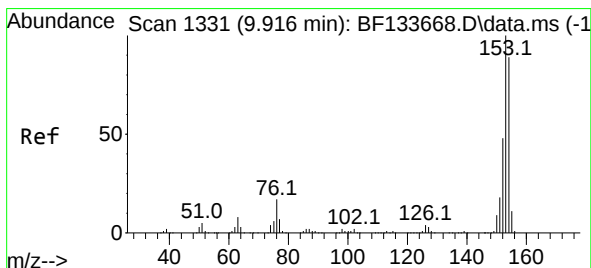
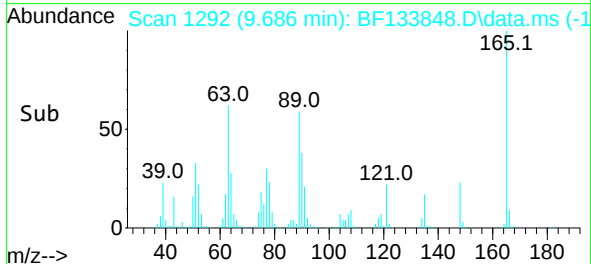
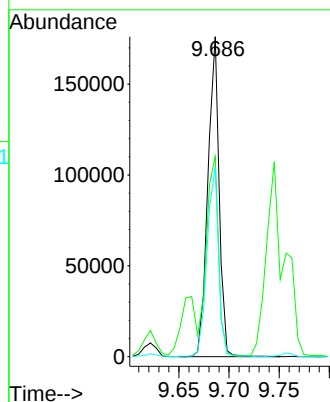
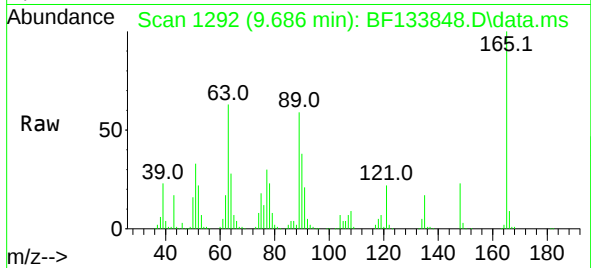
PB153230BS

Tgt Ion:165 Resp: 138372
Ion Ratio Lower Upper
165 100
63 62.5 42.1 63.1
89 59.1 40.9 61.3

Manual Integrations

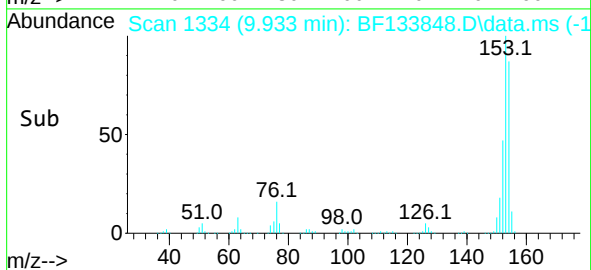
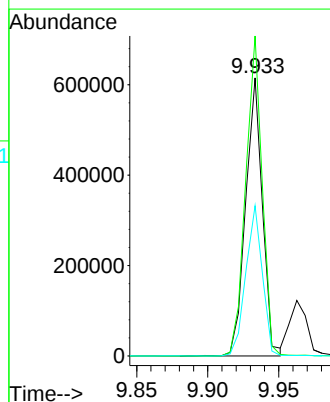
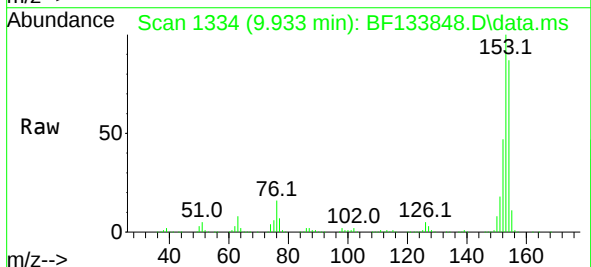
APPROVED

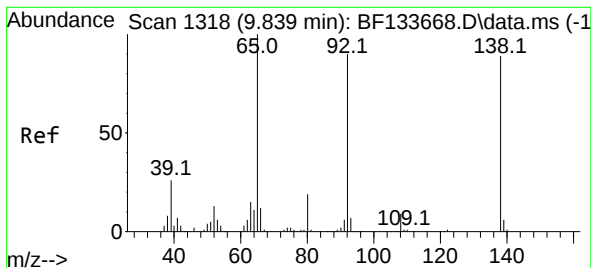
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#52
Acenaphthene
Concen: 40.259 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:154 Resp: 503696
Ion Ratio Lower Upper
154 100
153 115.1 89.8 134.8
152 54.0 43.4 65.2





#53

3-Nitroaniline

Concen: 23.529 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

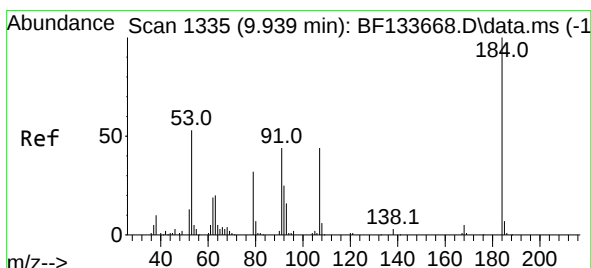
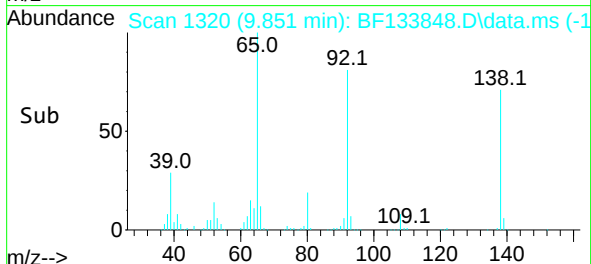
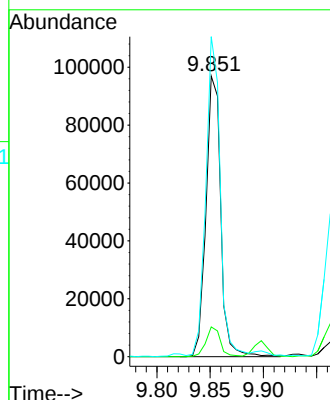
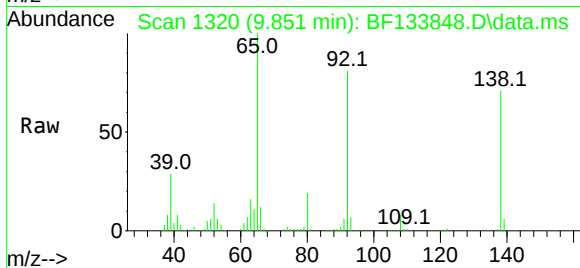
Tgt Ion:138 Resp: 9364
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.2 12.4
 92 114.0 81.0 121.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#54

2,4-Dinitrophenol

Concen: 100.886 ng

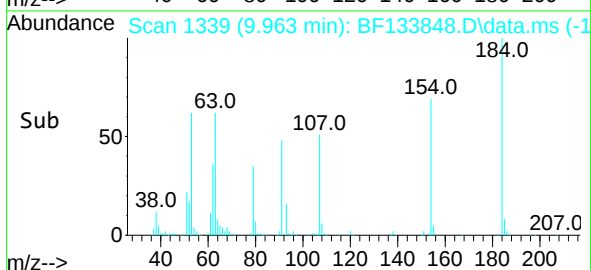
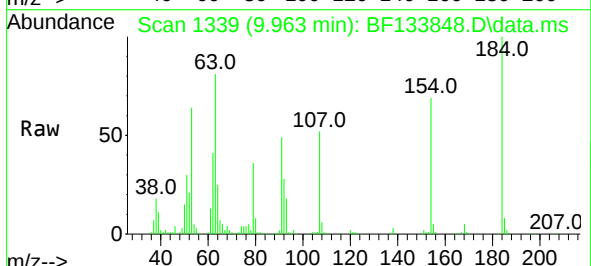
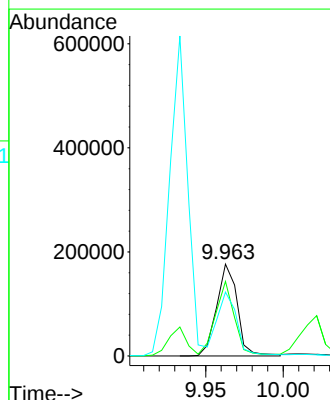
RT: 9.963 min Scan# 1339

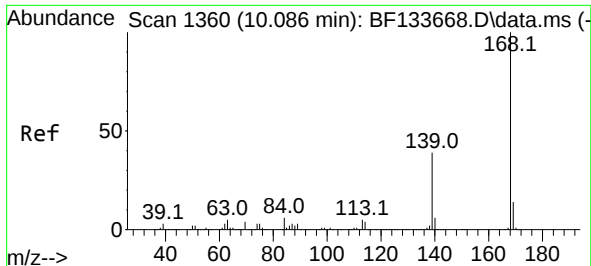
Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

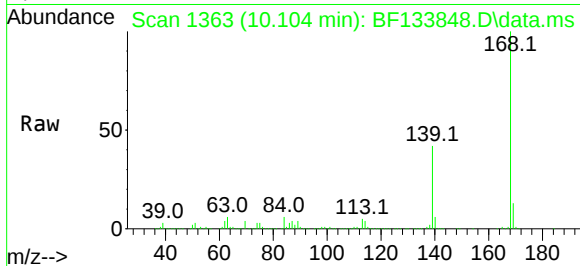
Tgt Ion:184 Resp: 163802
 Ion Ratio Lower Upper
 184 100
 63 81.1 55.3 82.9
 154 69.4 51.9 77.9





#55
Dibenzenofuran
Concen: 40.582 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

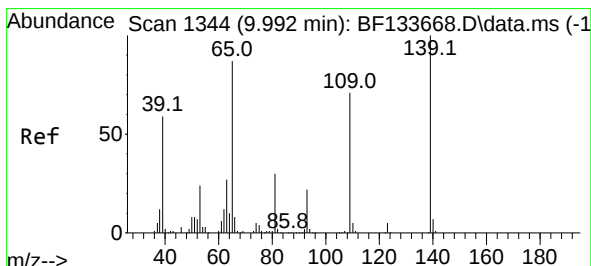
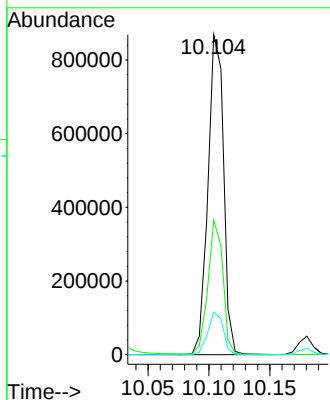
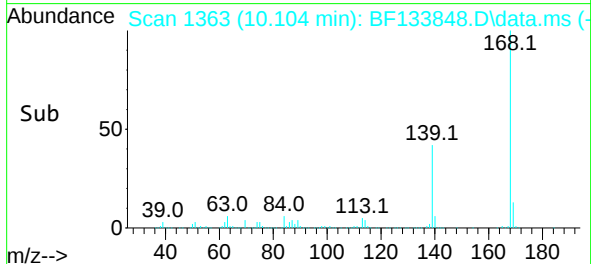
Instrument :
BNA_F
ClientSampleId :
PB153230BS



Tgt Ion:168 Resp: 774748
Ion Ratio Lower Upper
168 100
139 42.0 30.9 46.3
169 13.4 10.9 16.3

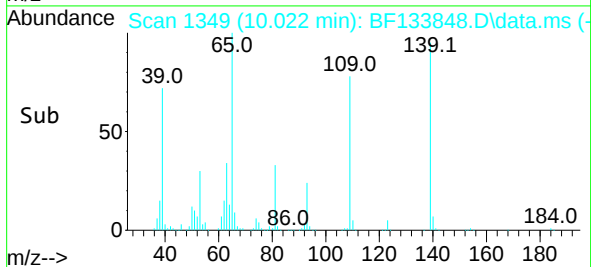
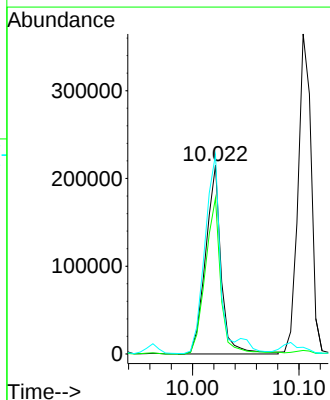
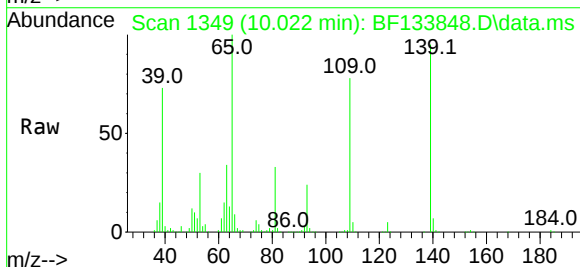
Manual Integrations
APPROVED

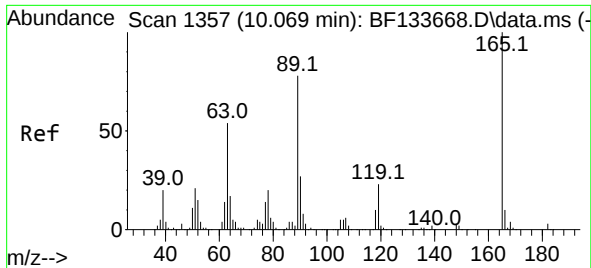
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#56
4-Nitrophenol
Concen: 81.288 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:139 Resp: 218345
Ion Ratio Lower Upper
139 100
109 82.7 50.7 90.7
65 105.8 67.1 107.1





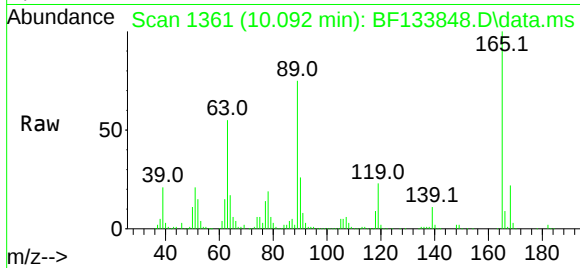
#57
2,4-Dinitrotoluene
Concen: 43.927 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

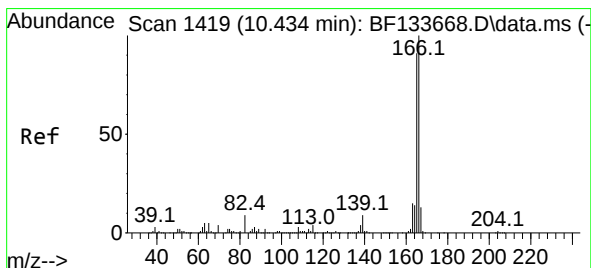
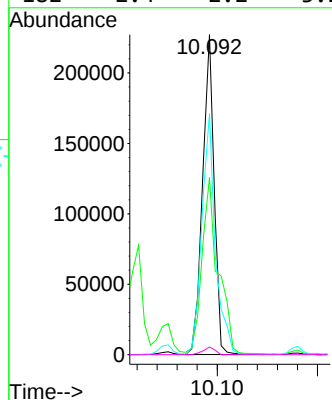
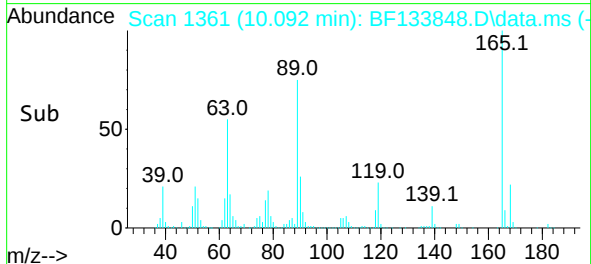


Tgt Ion:165 Resp: 182712
Ion Ratio Lower Upper
165 100
63 55.4 43.0 64.6
89 75.3 62.6 93.8
182 2.4 2.2 3.2

Manual Integrations

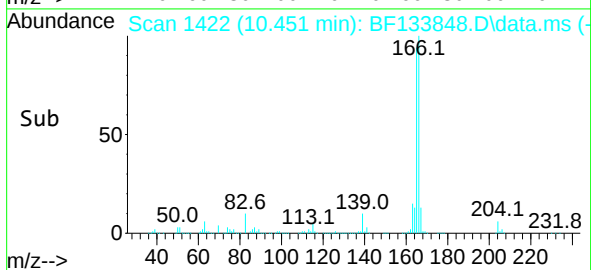
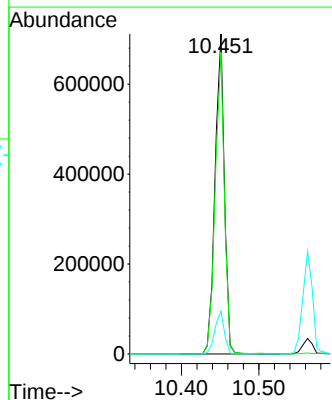
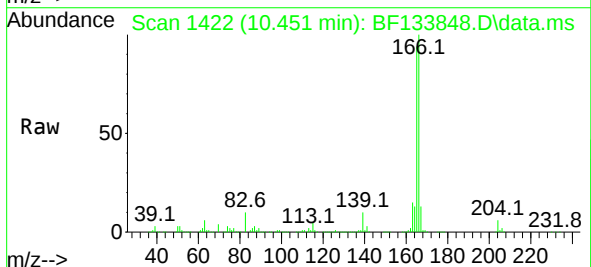
APPROVED

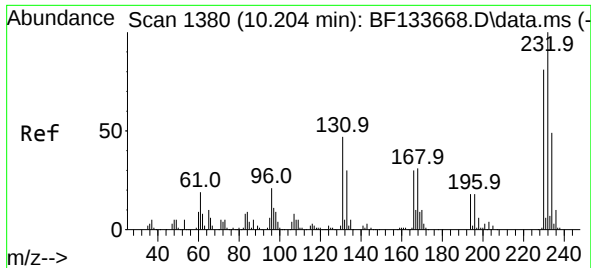
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#58
Fluorene
Concen: 40.729 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:166 Resp: 594628
Ion Ratio Lower Upper
166 100
165 94.2 73.1 109.7
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.182 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

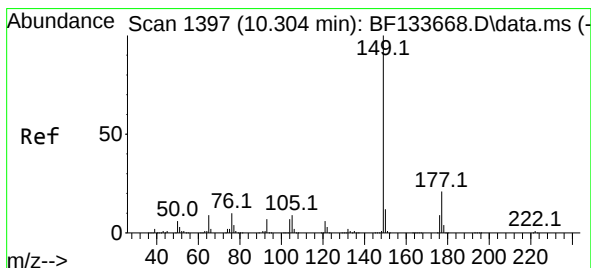
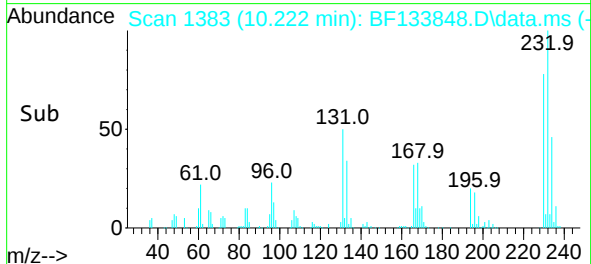
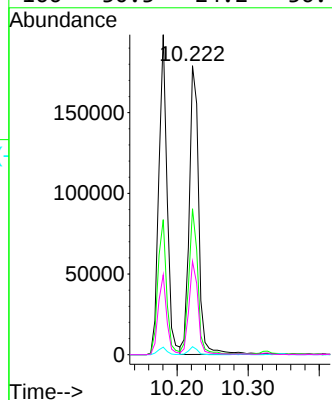
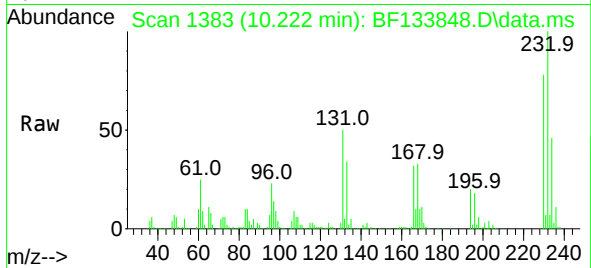
PB153230BS

Tgt Ion:232 Resp: 16595
Ion Ratio Lower Upper
232 100
131 48.4 38.0 57.0
130 2.5 1.8 2.8
166 30.3 24.2 36.4

Manual Integrations

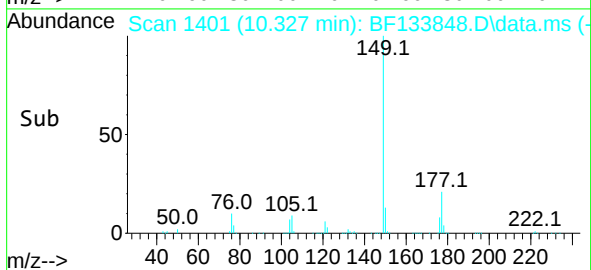
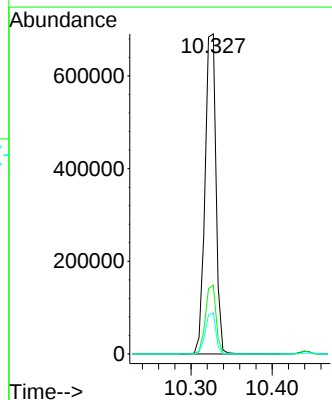
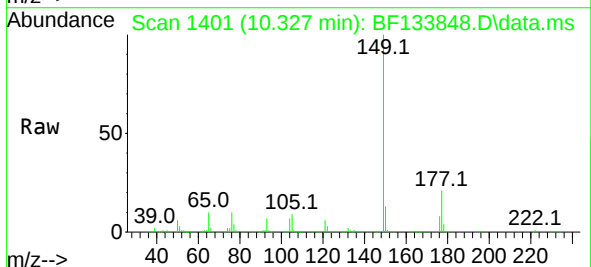
APPROVED

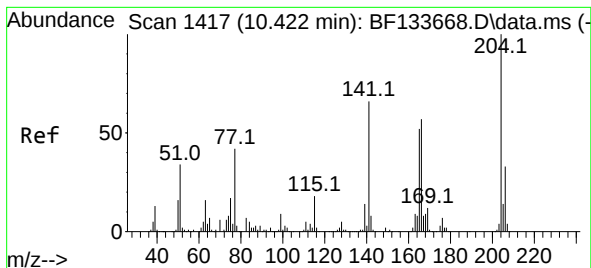
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#60
Diethylphthalate
Concen: 40.069 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

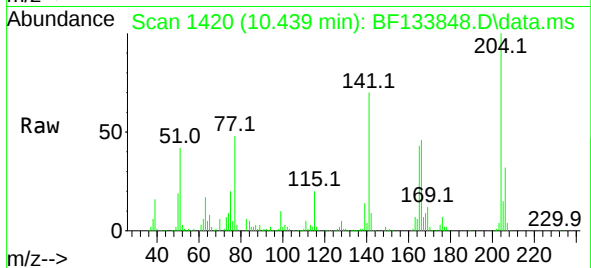
Tgt Ion:149 Resp: 646167
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.369 ng
RT: 10.439 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

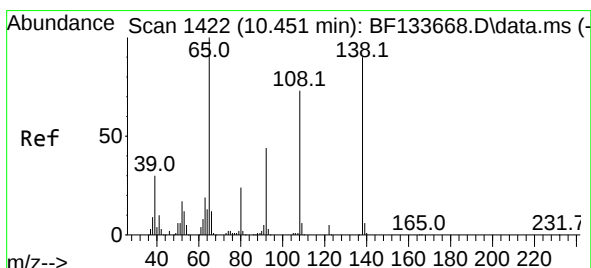
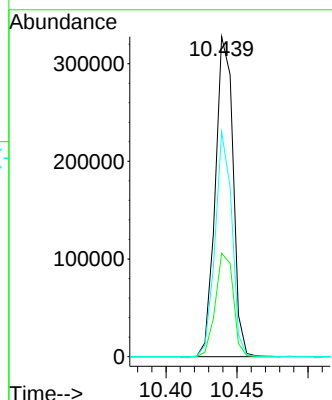
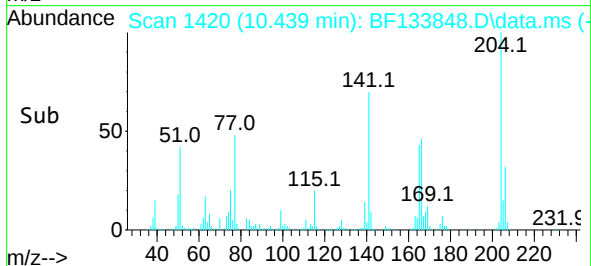
Instrument :
BNA_F
ClientSampleId :
PB153230BS



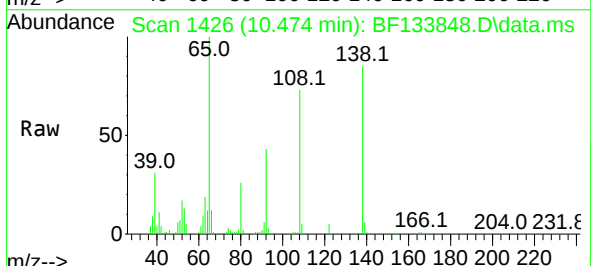
Tgt Ion:204 Resp: 283749
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 70.3 52.8 79.2

Manual Integrations
APPROVED

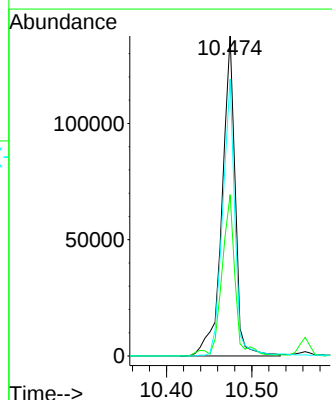
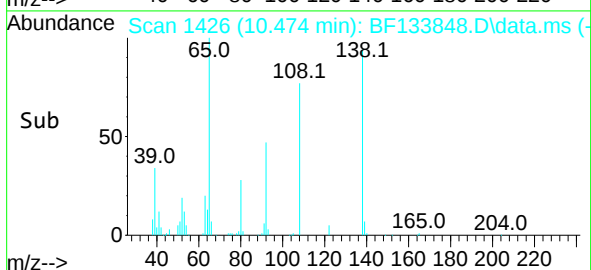
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

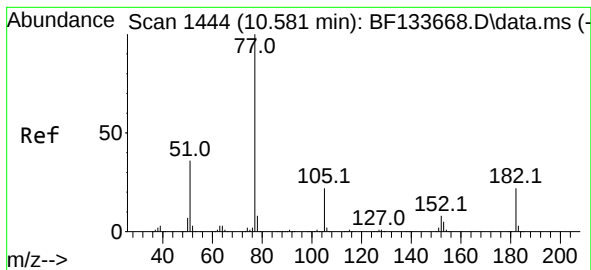


#62
4-Nitroaniline
Concen: 37.855 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion:138 Resp: 147720
Ion Ratio Lower Upper
138 100
92 50.4 28.9 68.9
108 86.5 61.0 101.0





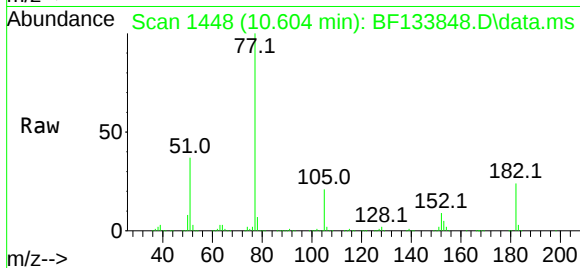
#63
Azobenzene
Concen: 40.418 ng
RT: 10.604 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

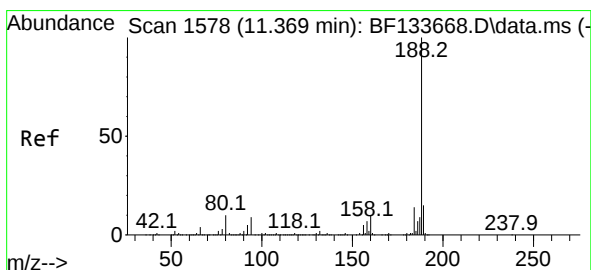
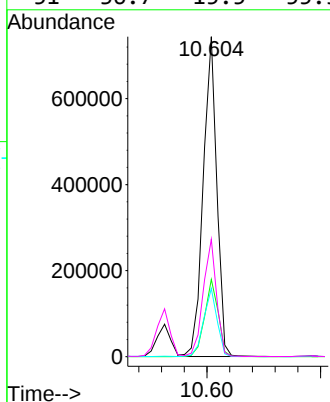
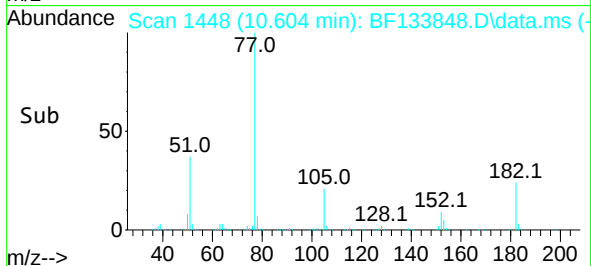


Tgt Ion: 77 Resp: 617034
Ion Ratio Lower Upper
77 100
182 24.2 1.6 41.6
105 21.3 1.6 41.6
51 36.7 15.5 55.5

Manual Integrations

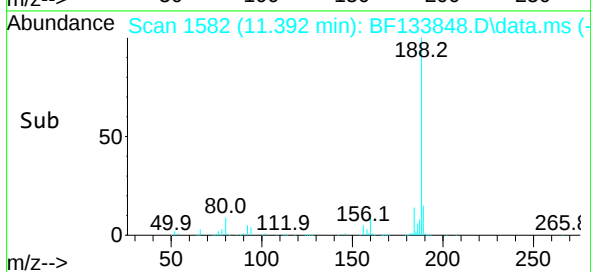
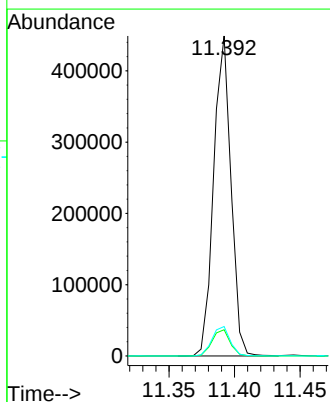
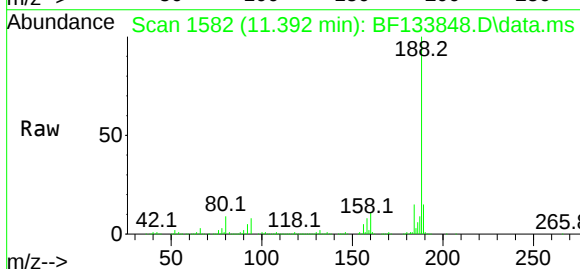
APPROVED

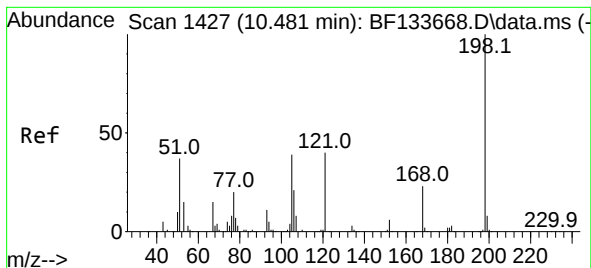
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:188 Resp: 410773
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.2 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 53.595 ng
RT: 10.498 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

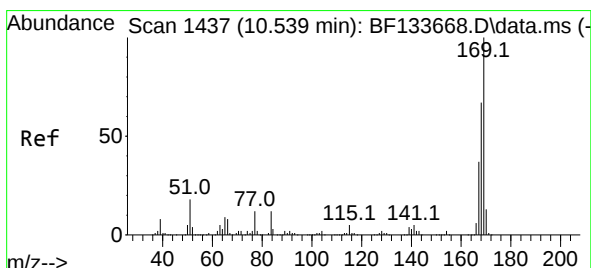
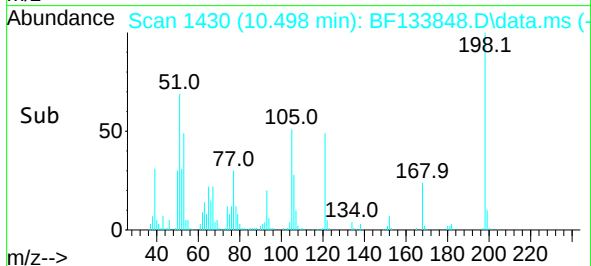
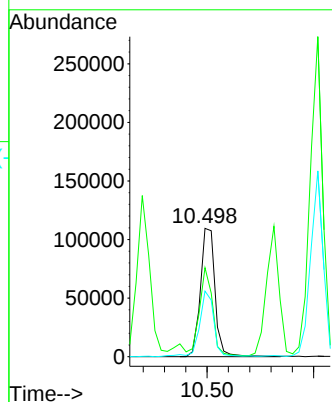
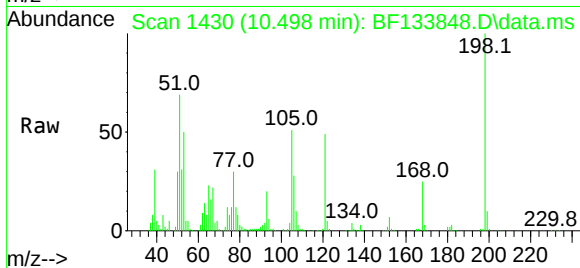
PB153230BS

Tgt Ion:198 Resp: 105200
Ion Ratio Lower Upper
198 100
51 69.4 27.5 67.5
105 51.1 21.0 61.0

Manual Integrations

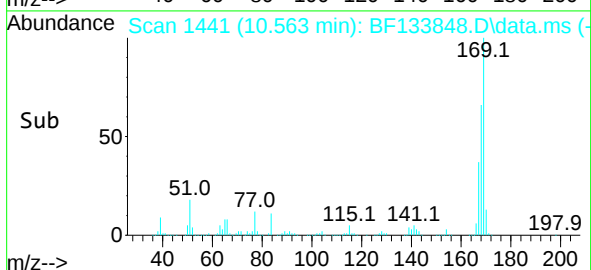
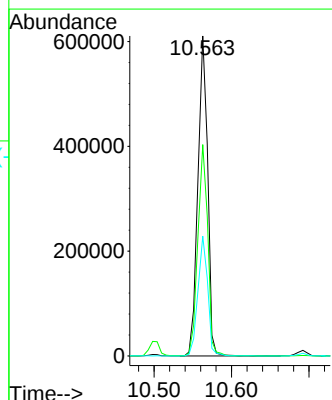
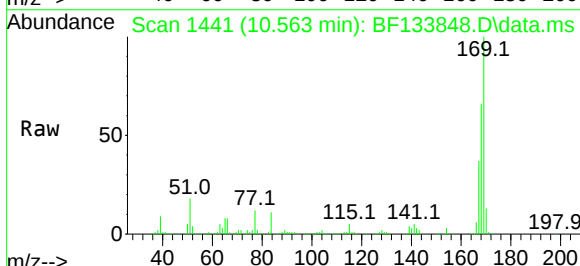
APPROVED

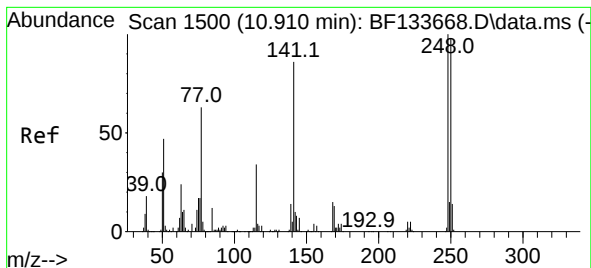
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#66
n-Nitrosodiphenylamine
Concen: 38.719 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

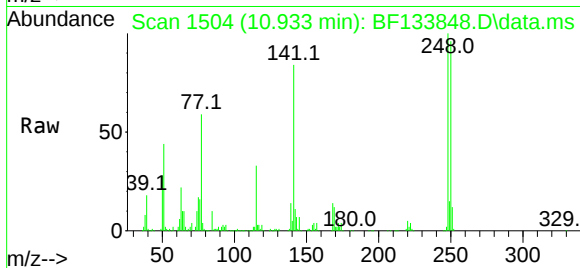
Tgt Ion:169 Resp: 534237
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 37.5 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 38.698 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

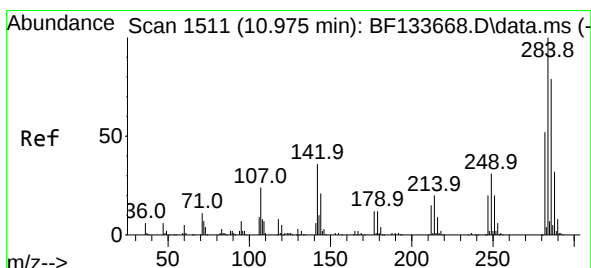
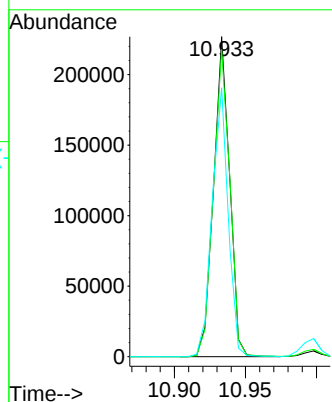
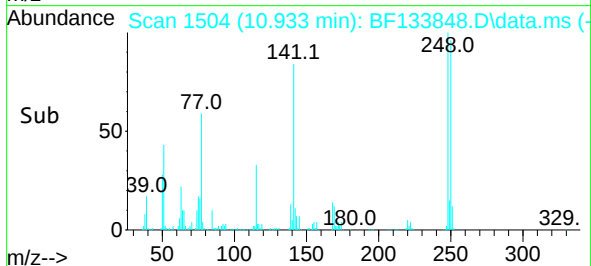
Instrument :
BNA_F
ClientSampleId :
PB153230BS



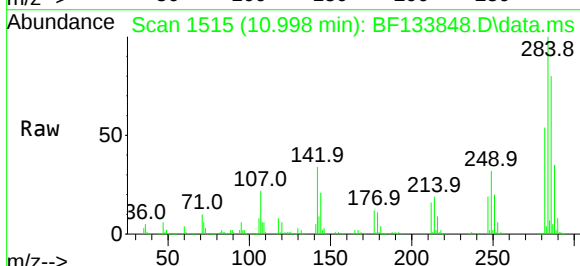
Tgt Ion:248 Resp: 17742
Ion Ratio Lower Upper
248 100
250 95.9 78.3 117.5
141 84.1 69.0 103.6

Manual Integrations
APPROVED

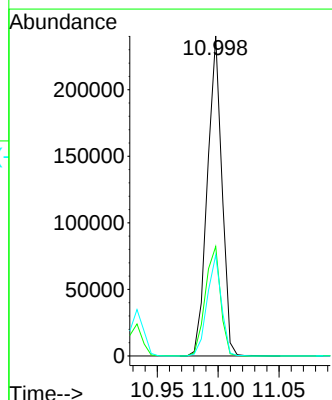
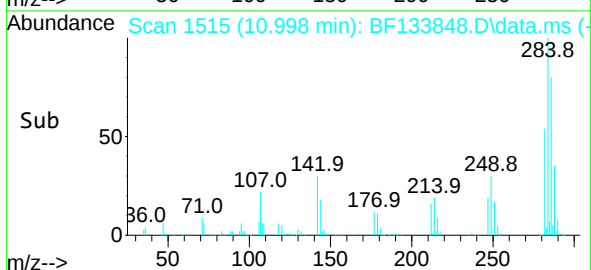
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

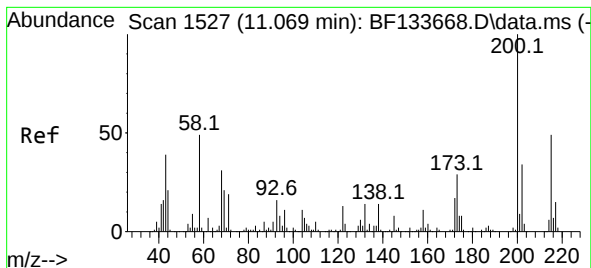


#68
Hexachlorobenzene
Concen: 41.106 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion:284 Resp: 198182
Ion Ratio Lower Upper
284 100
142 34.2 28.6 42.8
249 31.6 24.6 36.8





#69

Atrazine

Concen: 42.657 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:200 Resp: 17077

Ion Ratio Lower Upper

200 100

173 27.4 8.7 48.7

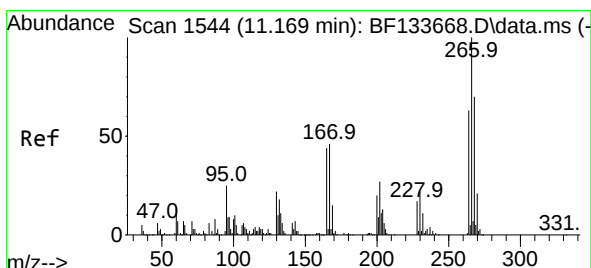
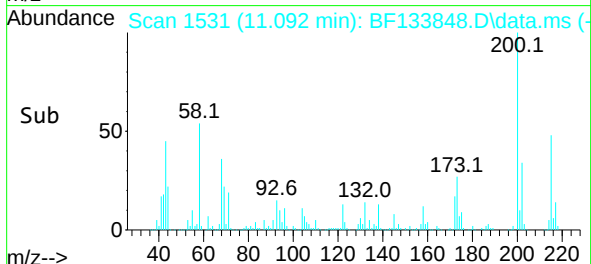
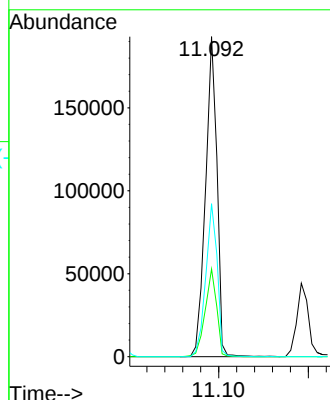
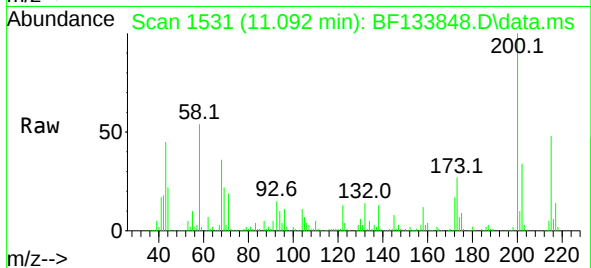
215 47.8 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#70

Pentachlorophenol

Concen: 74.175 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

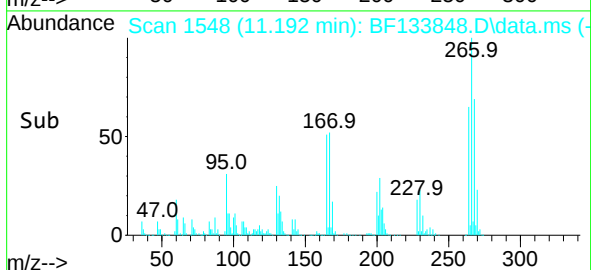
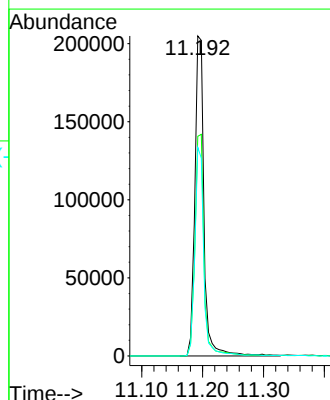
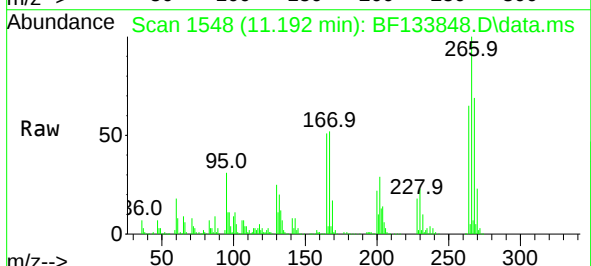
Tgt Ion:266 Resp: 214142

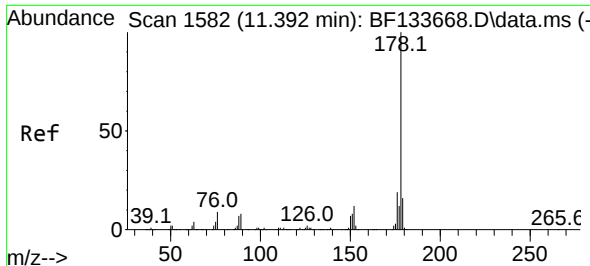
Ion Ratio Lower Upper

266 100

268 68.6 55.7 83.5

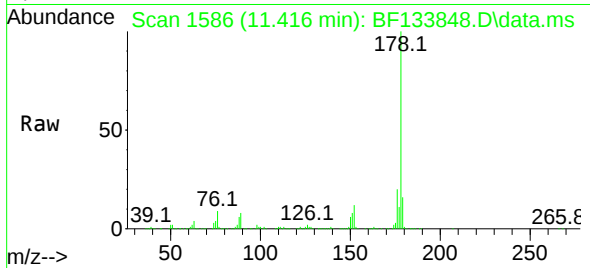
264 65.2 50.7 76.1





#71
Phenanthrene
Concen: 41.029 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

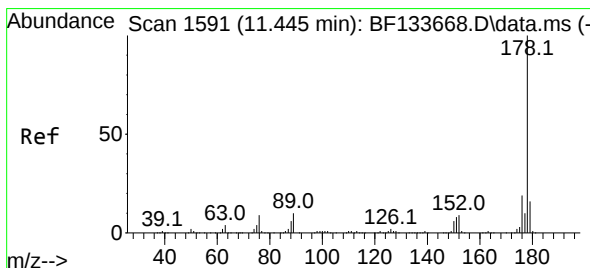
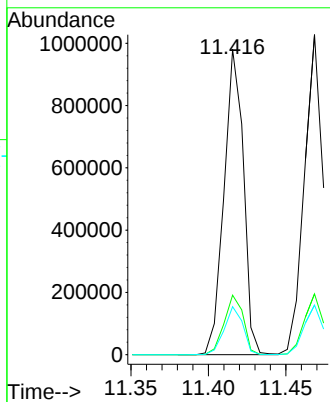
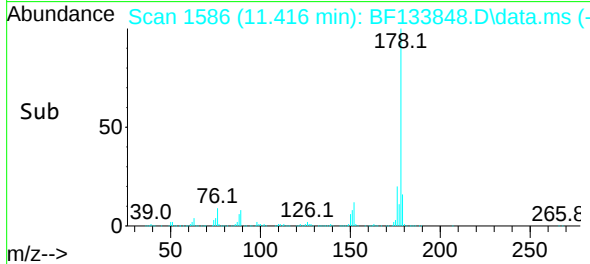
Instrument :
BNA_F
ClientSampleId :
PB153230BS



Tgt Ion:178 Resp: 855072
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.4 18.6

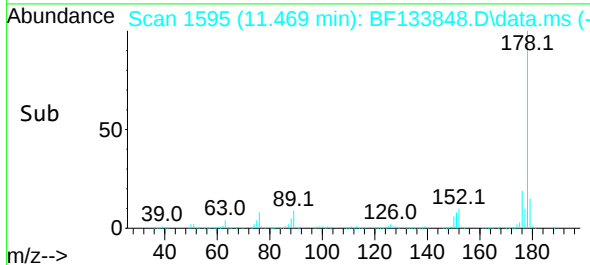
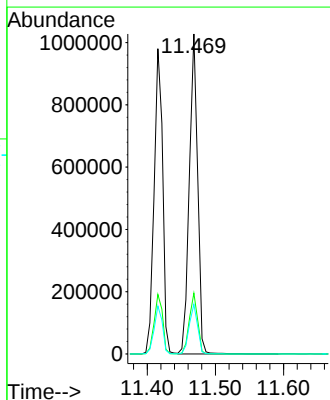
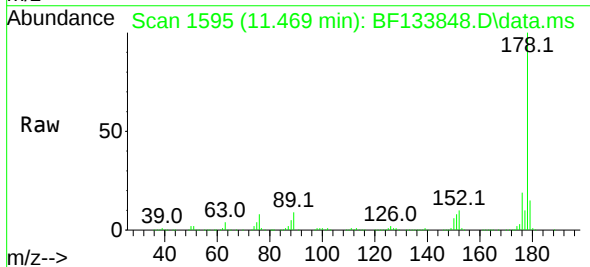
Manual Integrations
APPROVED

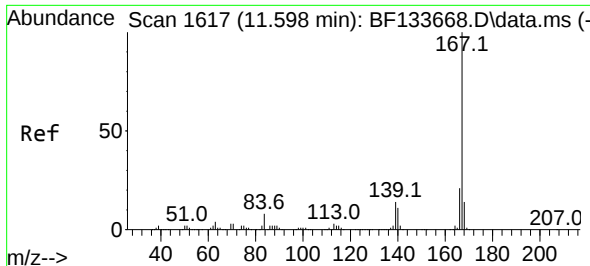
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#72
Anthracene
Concen: 39.879 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

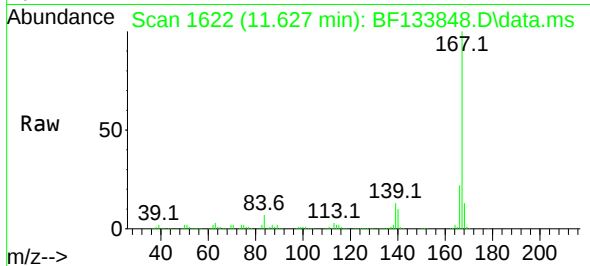
Tgt Ion:178 Resp: 866586
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.6 18.8





#73
Carbazole
Concen: 38.748 ng
RT: 11.627 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

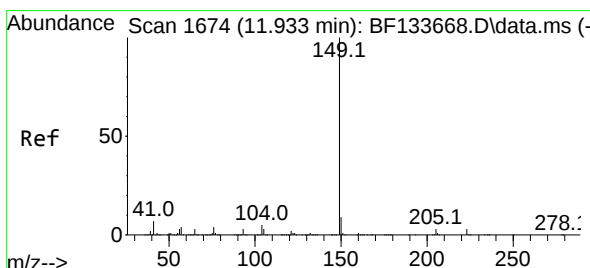
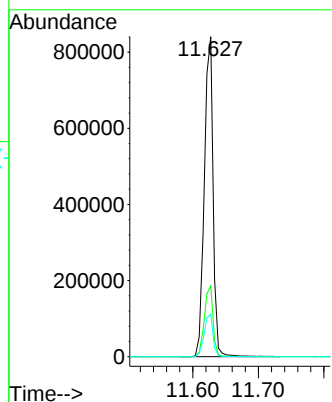
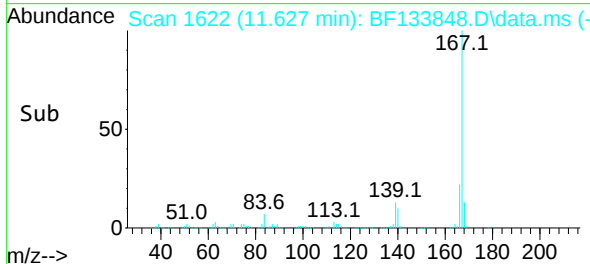
Instrument :
BNA_F
ClientSampleId :
PB153230BS



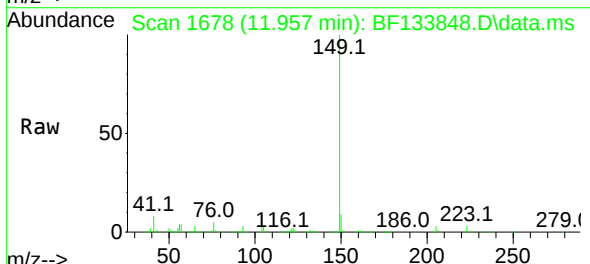
Tgt Ion:167 Resp: 784200
Ion Ratio Lower Upper
167 100
166 22.2 17.0 25.6
139 13.3 11.2 16.8

Manual Integrations
APPROVED

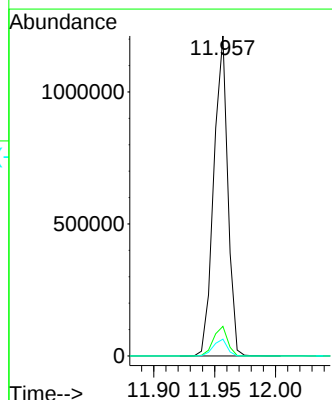
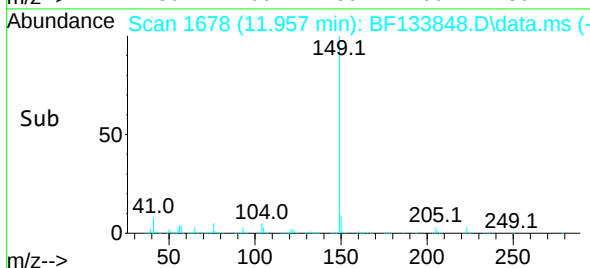
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

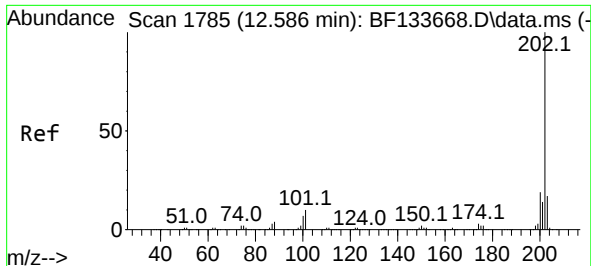


#74
Di-n-butylphthalate
Concen: 37.342 ng
RT: 11.957 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion:149 Resp: 968874
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 38.475 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

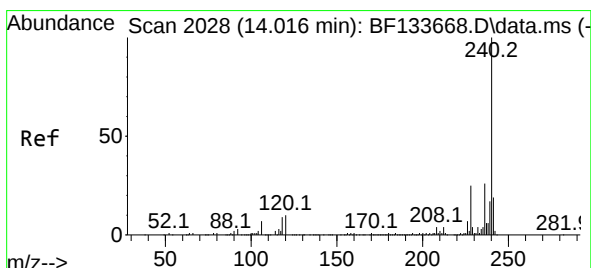
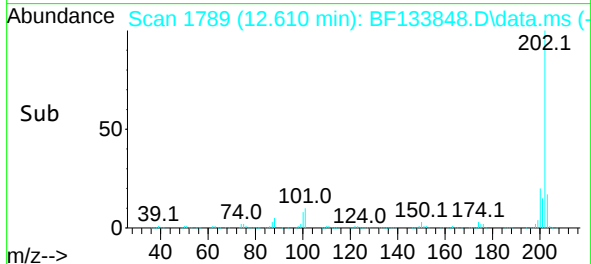
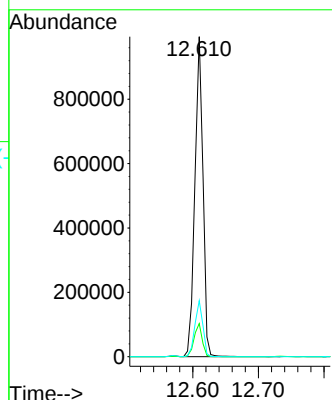
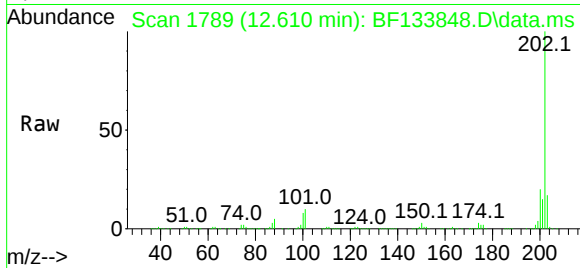
PB153230BS

Tgt Ion:202 Resp: 85150
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.6
203 17.5 0.0 37.4

Manual Integrations

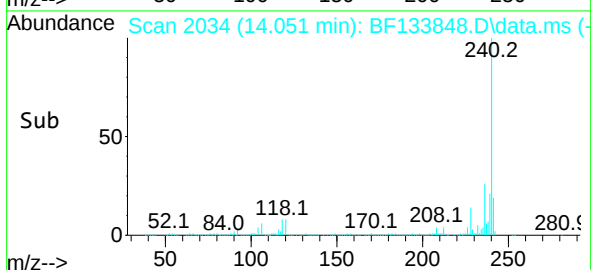
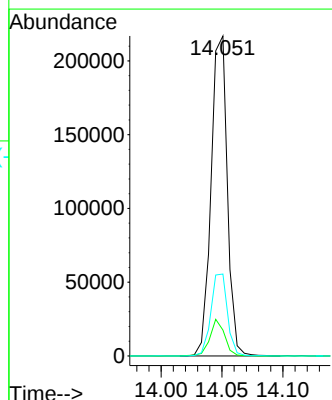
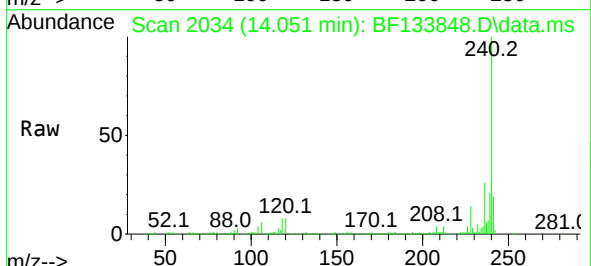
APPROVED

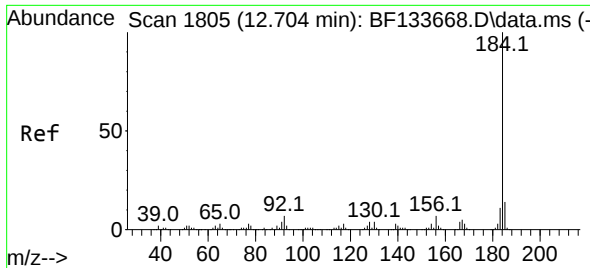
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

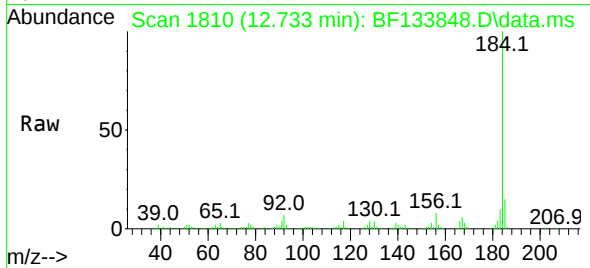
Tgt Ion:240 Resp: 201814
Ion Ratio Lower Upper
240 100
120 8.1 8.1 12.1
236 25.6 20.5 30.7





#77
Benzidine
Concen: 32.023 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

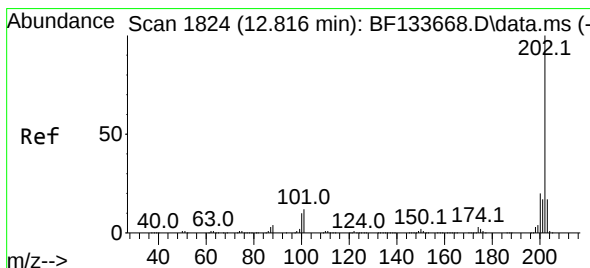
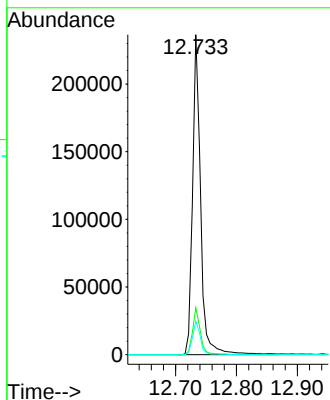
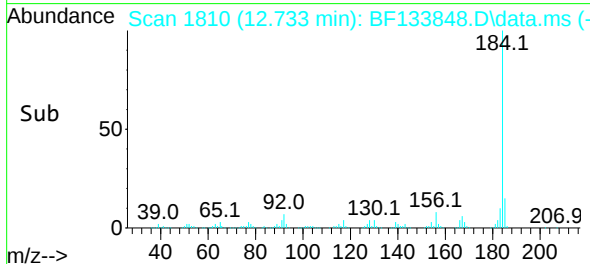
Instrument :
BNA_F
ClientSampleId :
PB153230BS



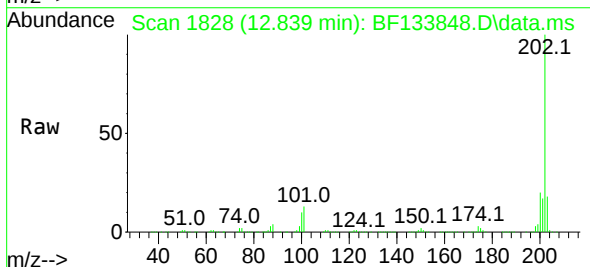
Tgt Ion:184 Resp: 21686
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 10.4 8.4 12.6

Manual Integrations
APPROVED

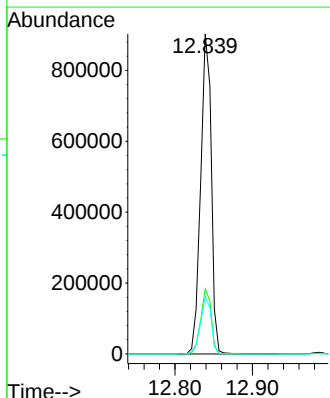
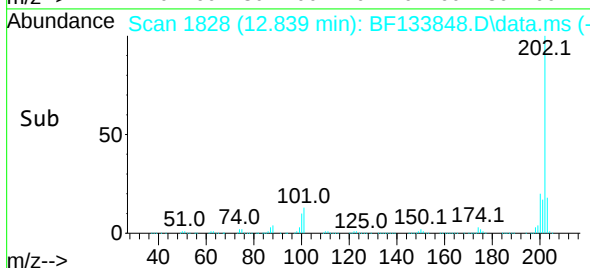
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

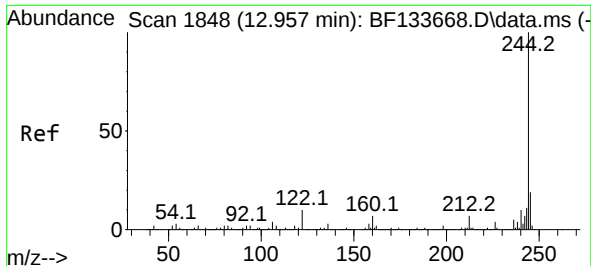


#78
Pyrene
Concen: 45.892 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38



Tgt Ion:202 Resp: 862762
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 18.0 13.9 20.9





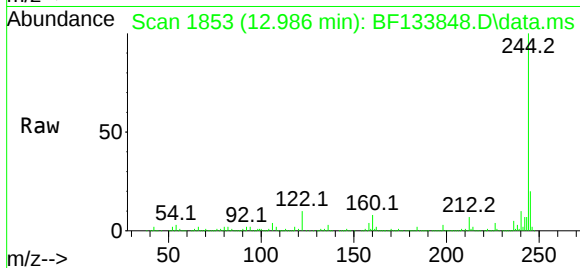
#79
 Terphenyl-d14
 Concen: 89.127 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133848.D
 Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS



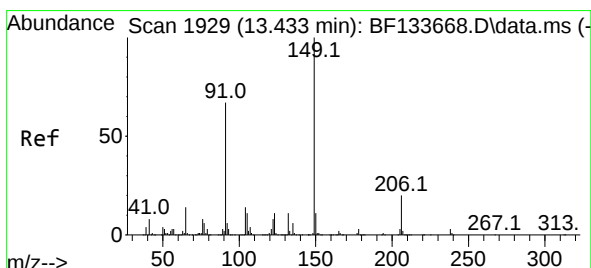
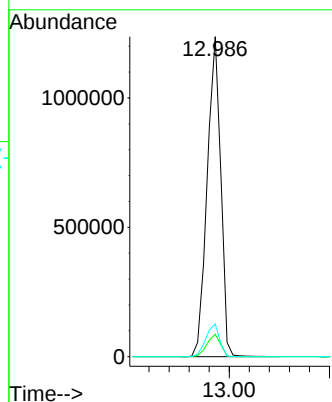
Tgt Ion:244 Resp: 116244
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.3 8.1 12.1

Manual Integrations

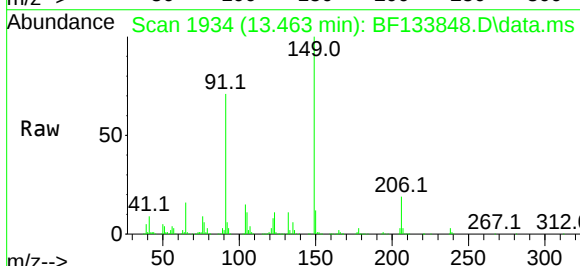
APPROVED

Reviewed By :Yogesh Patel 06/21/2023

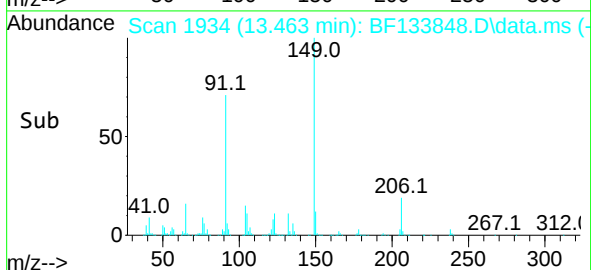
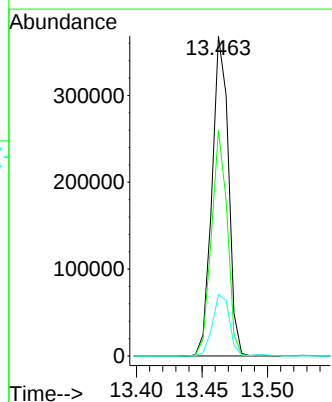
Supervised By :mohammad ahmed 06/21/2023

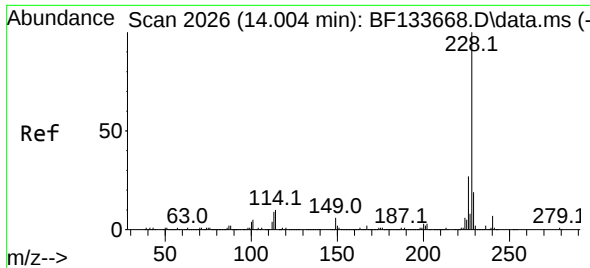


#80
 Butylbenzylphthalate
 Concen: 40.424 ng
 RT: 13.463 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF133848.D
 Acq: 20 Jun 2023 10:38



Tgt Ion:149 Resp: 320828
 Ion Ratio Lower Upper
 149 100
 91 70.6 54.0 81.0
 206 19.2 15.6 23.4





#81
Benzo(a)anthracene
Concen: 41.347 ng
RT: 14.039 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

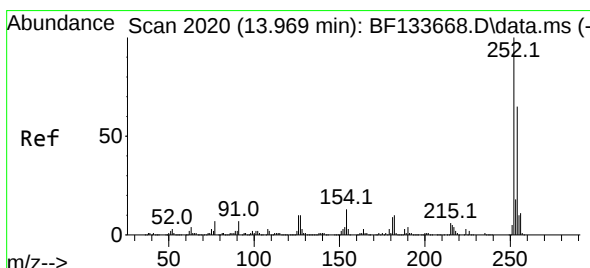
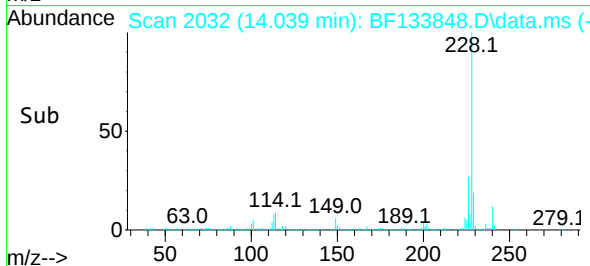
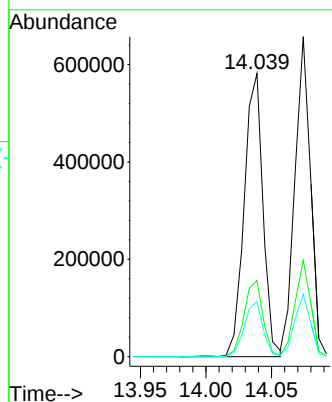
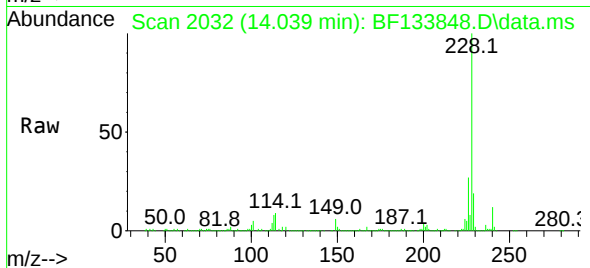
PB153230BS

Tgt Ion:228 Resp: 577180
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.5 15.4 23.2

Manual Integrations

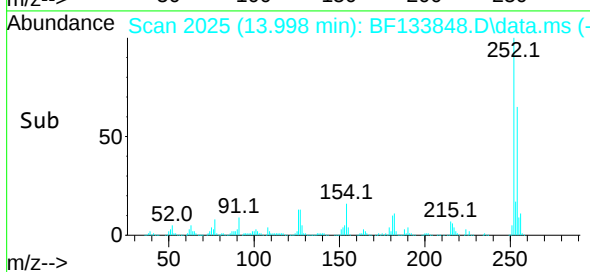
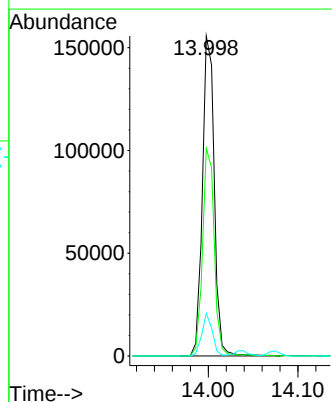
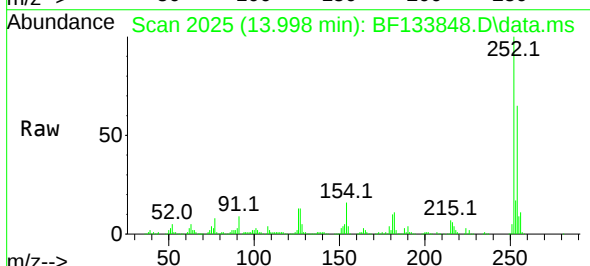
APPROVED

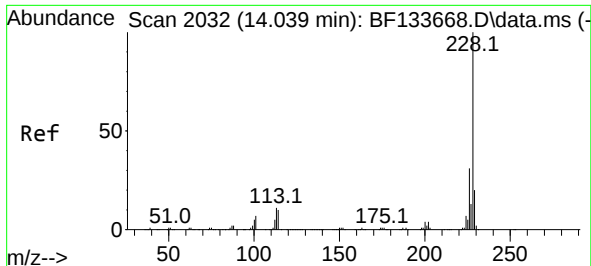
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.746 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

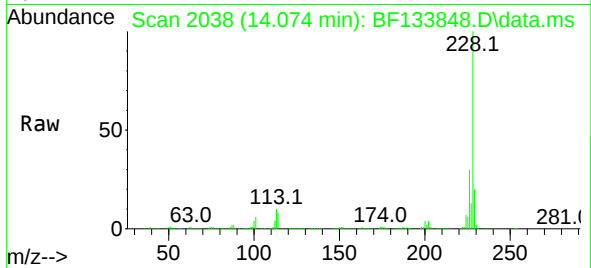
Tgt Ion:252 Resp: 142694
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 13.4 7.7 11.5#





#83
Chrysene
Concen: 41.379 ng
RT: 14.074 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

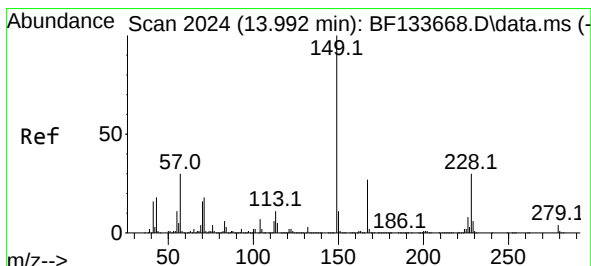
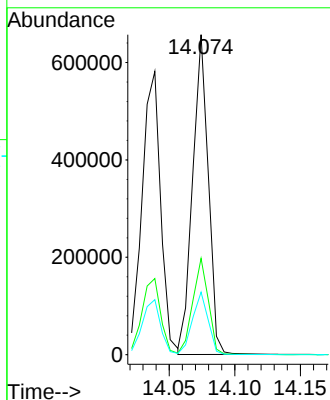
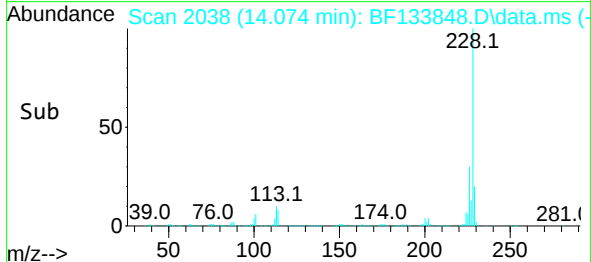
Instrument :
BNA_F
ClientSampleId :
PB153230BS



Tgt Ion:228 Resp: 546334
Ion Ratio Lower Upper
228 100
226 30.1 25.0 37.6
229 19.5 15.8 23.8

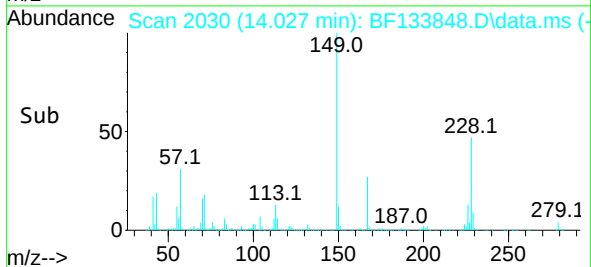
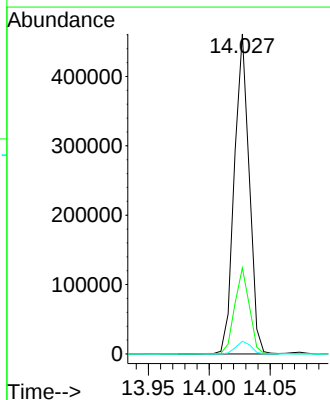
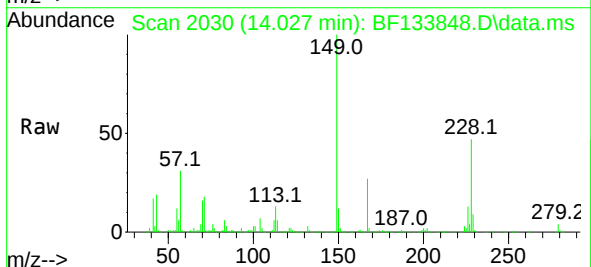
Manual Integrations
APPROVED

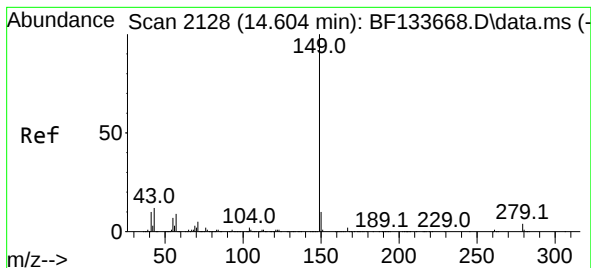
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.057 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:149 Resp: 391447
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.957 ng

RT: 14.651 min Scan# 2128

Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:149 Resp: 63820

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

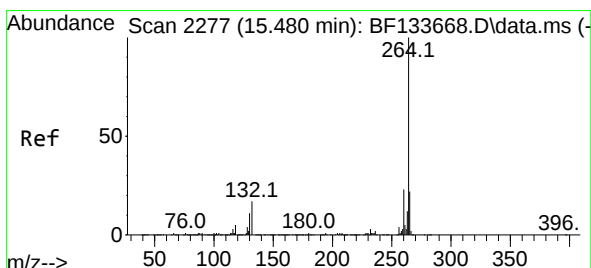
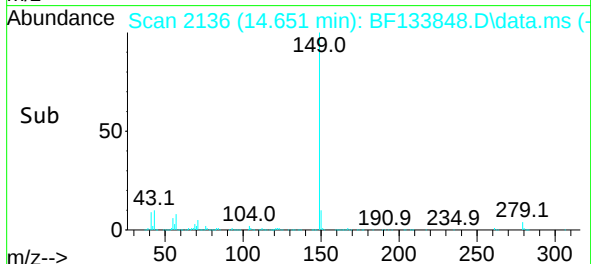
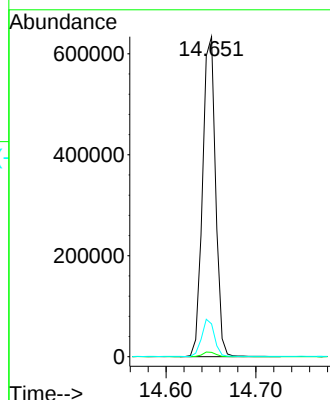
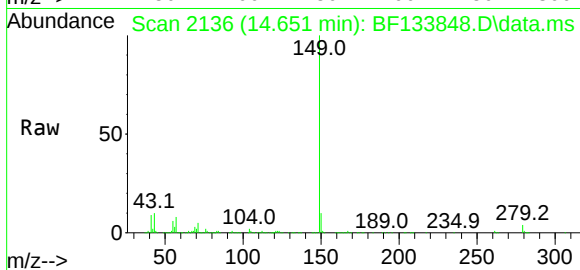
43 11.3 8.7 13.1

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: BF133848.D

Acq: 20 Jun 2023 10:38

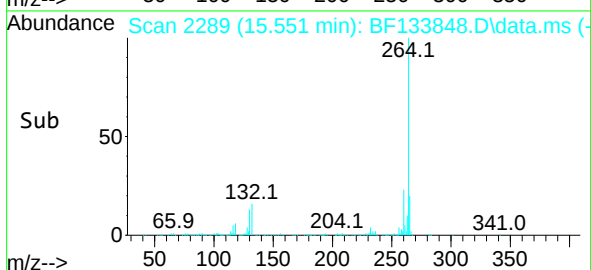
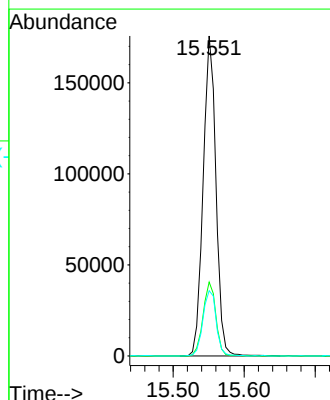
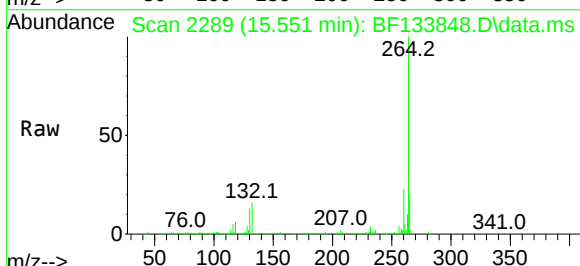
Tgt Ion:264 Resp: 220612

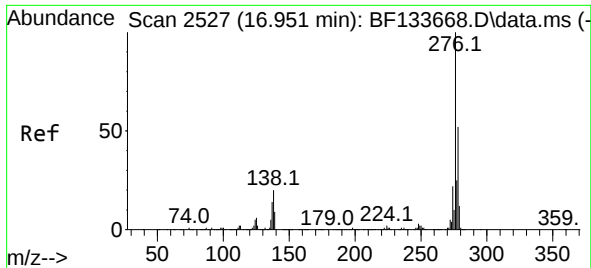
Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

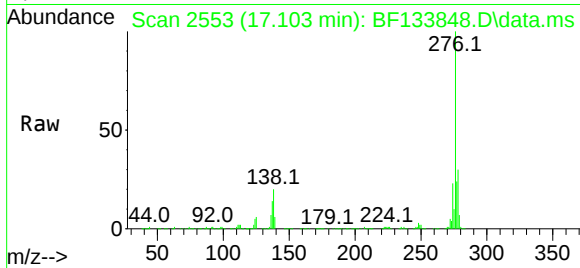
265 20.4 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.563 ng
RT: 17.103 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

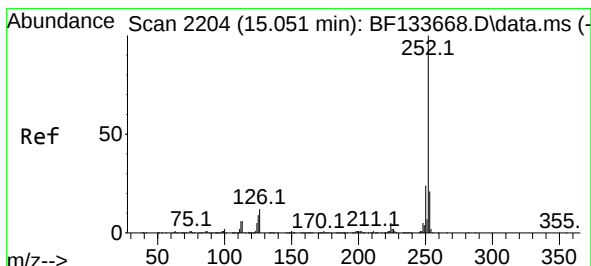
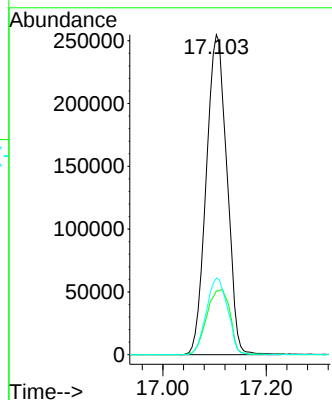
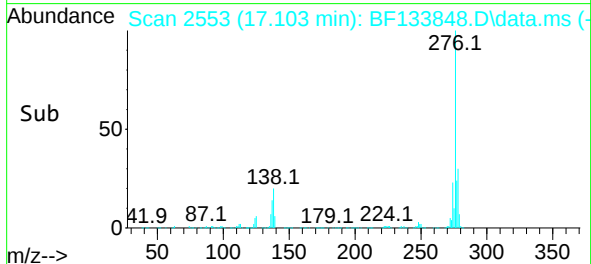
Instrument :
BNA_F
ClientSampleId :
PB153230BS



Tgt Ion:276 Resp: 70671
Ion Ratio Lower Upper
276 100
138 23.2 17.9 26.9
277 24.8 20.3 30.5

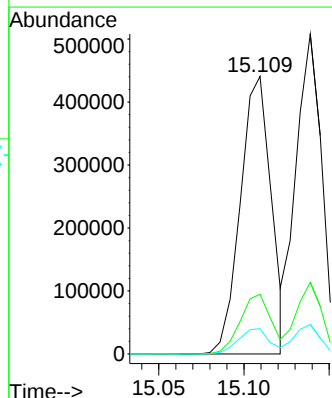
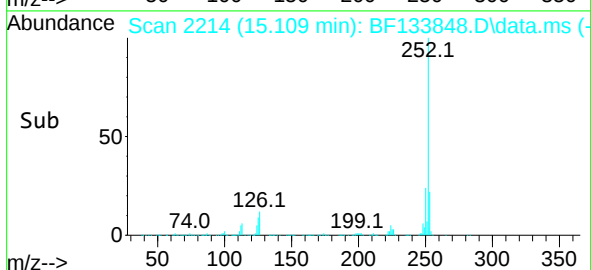
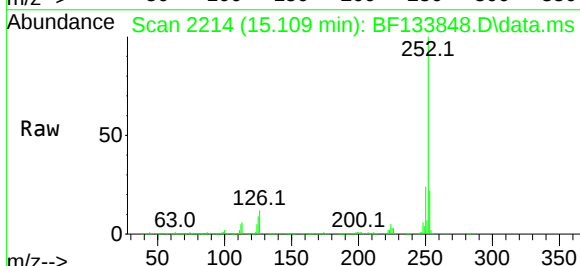
Manual Integrations
APPROVED

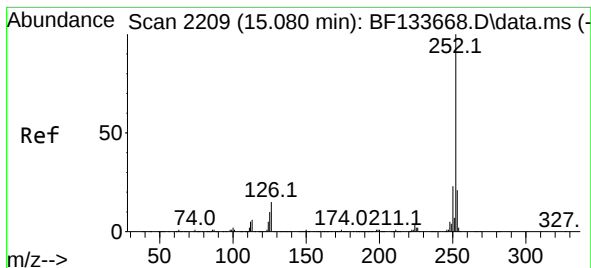
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#88
Benzo(b)fluoranthene
Concen: 41.382 ng
RT: 15.109 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:252 Resp: 554567
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 9.1 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 41.202 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Tgt Ion:252 Resp: 537869

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

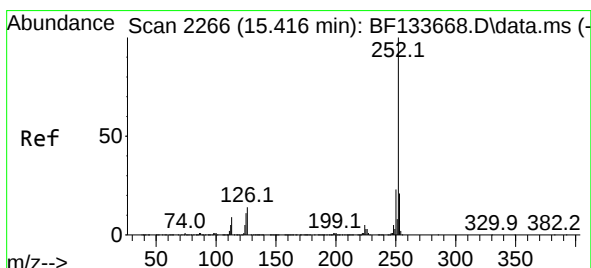
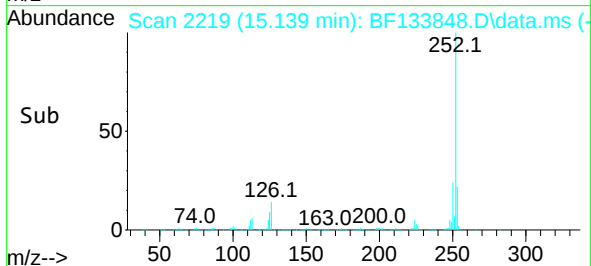
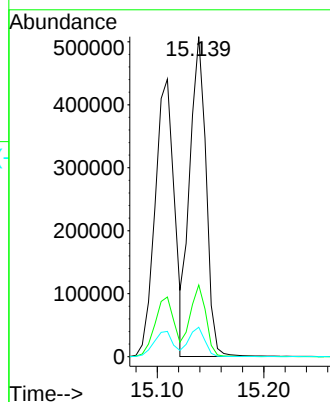
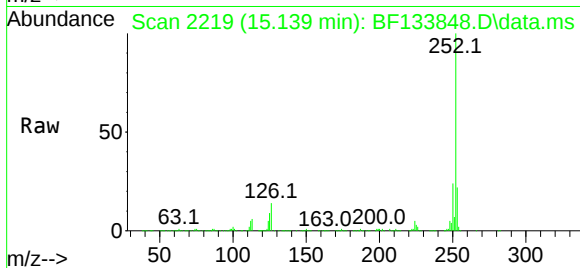
125 9.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#90

Benzo(a)pyrene

Concen: 40.496 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF133848.D

Acq: 20 Jun 2023 10:38

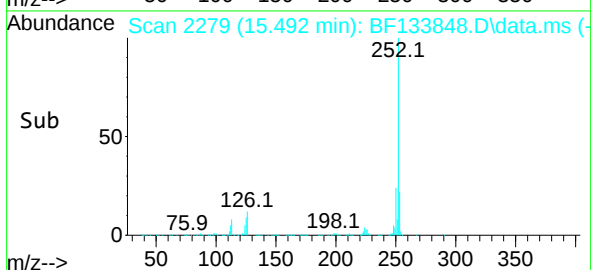
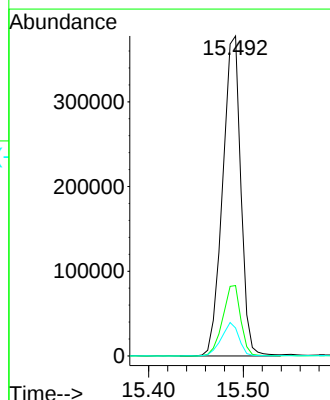
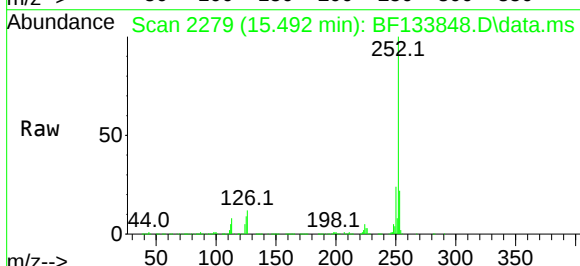
Tgt Ion:252 Resp: 503662

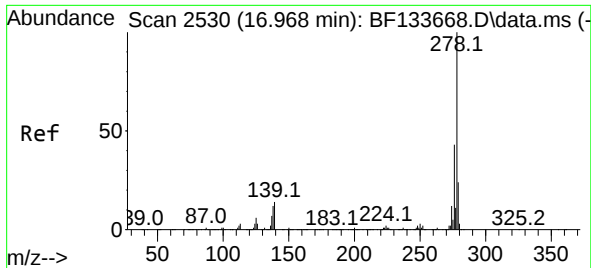
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 8.8 8.6 13.0





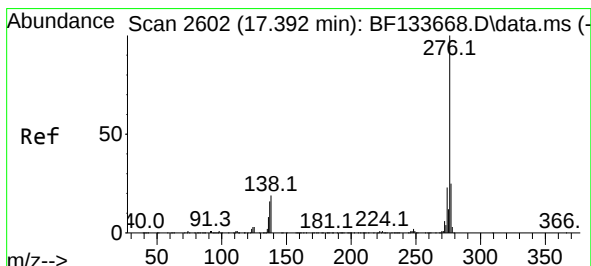
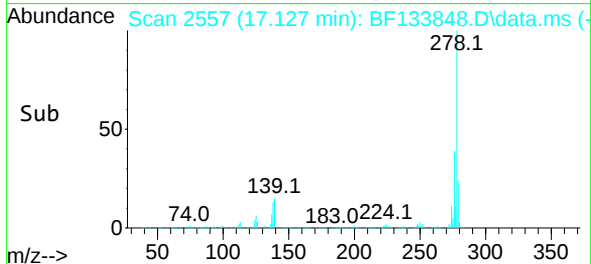
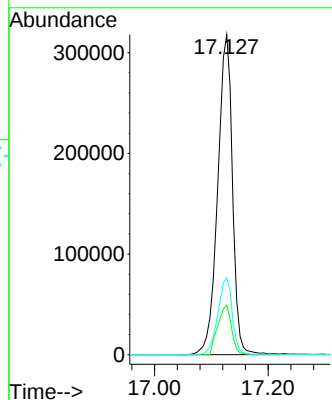
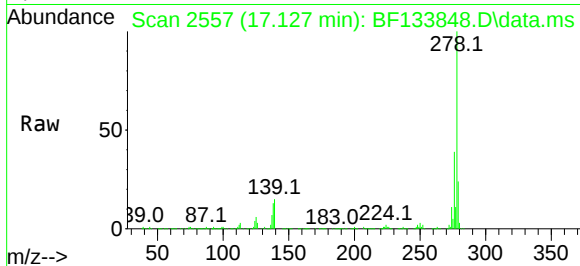
#91
Dibenzo(a,h)anthracene
Concen: 45.759 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Instrument :
BNA_F
ClientSampleId :
PB153230BS

Tgt Ion:278 Resp: 574970
Ion Ratio Lower Upper
278 100
139 15.4 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: 45.785 ng
RT: 17.580 min Scan# 2634
Delta R.T. -0.006 min
Lab File: BF133848.D
Acq: 20 Jun 2023 10:38

Tgt Ion:276 Resp: 570403
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.8
138 18.7 15.0 22.4

