

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134053.D
 Acq On : 30 Jun 2023 15:21
 Operator : CG\JU
 Sample : PB153881BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153881BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jun 30 18:37:10 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 30 18:35:29 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	128494	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	502416	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	257975	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	507453	20.000	ng	0.00
76) Chrysene-d12	14.051	240	303913	20.000	ng	0.00
86) Perylene-d12	15.551	264	241446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	873575	113.724	ng	0.01
7) Phenol-d6	6.498	99	1041951	110.297	ng	0.00
23) Nitrobenzene-d5	7.416	82	716379	76.862	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	372674	115.219	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1347111	75.920	ng	0.00
79) Terphenyl-d14	12.980	244	1632952	86.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	125064	39.486	ng	99
3) Pyridine	3.528	79	289136	35.047	ng	98
4) n-Nitrosodimethylamine	3.493	42	200474	42.546	ng	97
6) Aniline	6.516	93	314786	27.383	ng	# 78
8) 2-Chlorophenol	6.640	128	351600	45.090	ng	96
9) Benzaldehyde	6.398	77	101993	16.627	ng	93
10) Phenol	6.510	94	405848	40.860	ng	81
11) bis(2-Chloroethyl)ether	6.587	93	321133	43.915	ng	98
12) 1,3-Dichlorobenzene	6.793	146	372717	44.834	ng	98
13) 1,4-Dichlorobenzene	6.869	146	381621	45.449	ng	98
14) 1,2-Dichlorobenzene	7.016	146	355579	45.217	ng	98
15) Benzyl Alcohol	6.998	79	322596	44.297	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	542709	41.951	ng	97
17) 2-Methylphenol	7.110	107	288620	41.334	ng	97
18) Hexachloroethane	7.357	117	143540	46.104	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	250580	41.827	ng	99
20) 3+4-Methylphenols	7.263	107	343186	40.513	ng	91
22) Acetophenone	7.263	105	493331	43.175	ng	97
24) Nitrobenzene	7.434	77	382898	40.654	ng	93
25) Isophorone	7.675	82	699702	41.307	ng	100
26) 2-Nitrophenol	7.751	139	192887	42.691	ng	98
27) 2,4-Dimethylphenol	7.787	122	308748	43.170	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	397585	40.536	ng	99
29) 2,4-Dichlorophenol	7.992	162	294133	41.474	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	314239	42.942	ng	99
31) Naphthalene	8.151	128	984325	40.560	ng	99
32) Benzoic acid	7.928	122	245468	45.803	ng	96
33) 4-Chloroaniline	8.204	127	108937	10.494	ng	96
34) Hexachlorobutadiene	8.263	225	196231	42.510	ng	98
35) Caprolactam	8.587	113	100140m	42.884	ng	
36) 4-Chloro-3-methylphenol	8.692	107	337854	42.406	ng	99
37) 2-Methylnaphthalene	8.845	142	662899	38.627	ng	99
38) 1-Methylnaphthalene	8.945	142	612388	38.384	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	319366	41.786	ng	98
41) Hexachlorocyclopentadiene	8.992	237	346822	95.650	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	219031	42.098	ng	99

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Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/07/2023

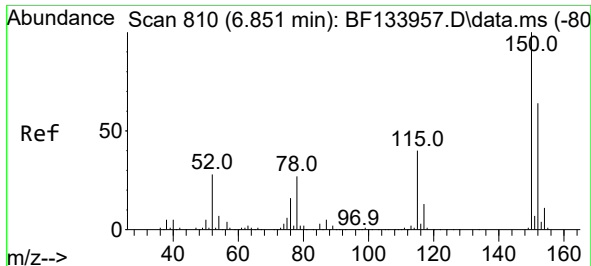
Quant Time: Jun 30 18:37:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	231450	37.819	ng	98
46) 1,1'-Biphenyl	9.310	154	849801	41.065	ng	98
47) 2-Chloronaphthalene	9.339	162	624454	41.243	ng	98
48) 2-Nitroaniline	9.439	65	224159	40.623	ng	93
49) Acenaphthylene	9.751	152	1016219	39.290	ng	99
50) Dimethylphthalate	9.616	163	753862	40.256	ng	100
51) 2,6-Dinitrotoluene	9.681	165	166026	41.163	ng	88
52) Acenaphthene	9.928	154	599868	39.970	ng	98
53) 3-Nitroaniline	9.851	138	104557	21.608	ng	95
54) 2,4-Dinitrophenol	9.963	184	203408	86.972	ng	90
55) Dibenzofuran	10.098	168	913819	38.960	ng	98
56) 4-Nitrophenol	10.022	139	265943	78.574	ng	90
57) 2,4-Dinitrotoluene	10.092	165	217124	40.762	ng	90
58) Fluorene	10.445	166	731542	40.089	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	202881	42.026	ng	100
60) Diethylphthalate	10.316	149	788178	40.398	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	352835	40.123	ng	98
62) 4-Nitroaniline	10.475	138	186893	38.326	ng	94
63) Azobenzene	10.598	77	737989	39.989	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	132906	48.039	ng	93
66) n-Nitrosodiphenylamine	10.557	169	654081	40.342	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	221692	41.103	ng	93
68) Hexachlorobenzene	10.992	284	253244	44.221	ng	97
69) Atrazine	11.086	200	193988	43.255	ng	98
70) Pentachlorophenol	11.192	266	263428	76.933	ng	98
71) Phenanthrene	11.410	178	1054329	41.272	ng	99
72) Anthracene	11.463	178	1079489	40.627	ng	100
73) Carbazole	11.622	167	1021699	42.010	ng	99
74) Di-n-butylphthalate	11.951	149	1258241	43.505	ng	99
75) Fluoranthene	12.610	202	1163275	42.121	ng	97
77) Benzidine	12.727	184	190233	26.306	ng	98
78) Pyrene	12.839	202	1177196	41.622	ng	100
80) Butylbenzylphthalate	13.457	149	485766	45.794	ng	98
81) Benzo(a)anthracene	14.039	228	894047	42.418	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	200503	30.026	ng	99
83) Chrysene	14.074	228	828577	40.588	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	584409	47.947	ng	99
85) Di-n-octyl phthalate	14.639	149	798625	44.592	ng	100
87) Indeno(1,2,3-cd)pyrene	17.110	276	772016	46.080	ng	98
88) Benzo(b)fluoranthene	15.110	252	678111	47.764	ng	98
89) Benzo(k)fluoranthene	15.139	252	651274	45.055	ng	98
90) Benzo(a)pyrene	15.486	252	580559	42.288	ng	99
91) Dibenzo(a,h)anthracene	17.127	278	627907	45.885	ng	98
92) Benzo(g,h,i)perylene	17.580	276	641379	45.449	ng	98

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

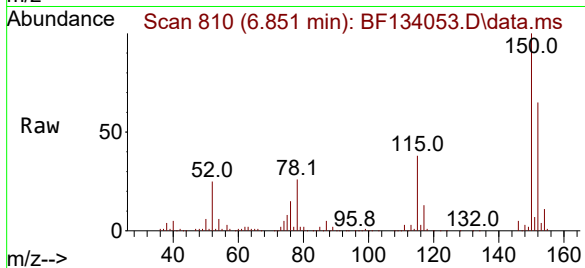
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

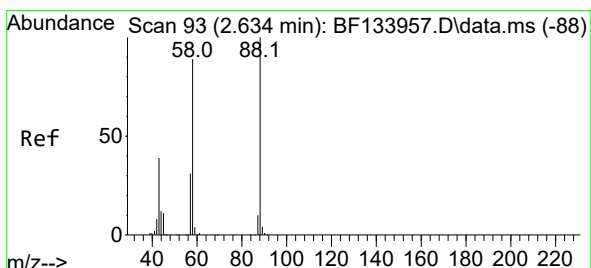
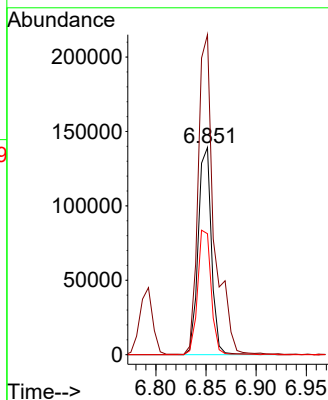
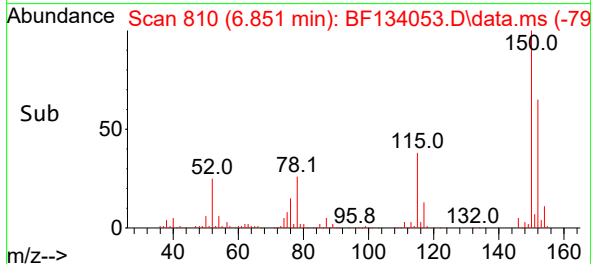
Instrument :
BNA_F
Client SampleId :
PB153881BS



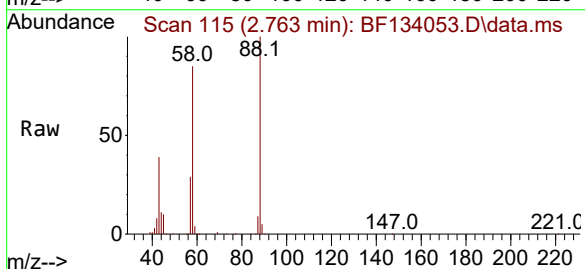
Tgt Ion: 152 Resp: 128494
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 58.4 50.2 75.2

Manual Integrations
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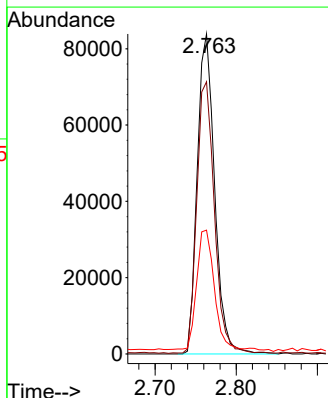
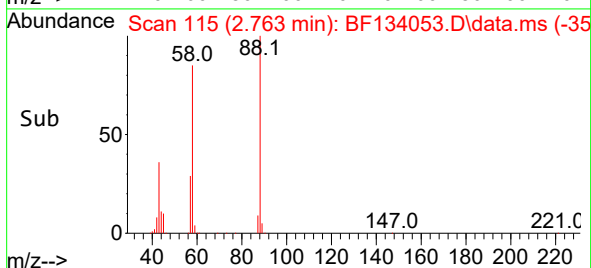
Reviewed By :Yogesh Patel 07/03/2023
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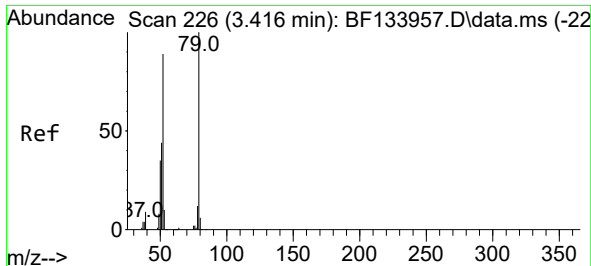


#2
1,4-Dioxane
Concen: 39.486 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.118 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



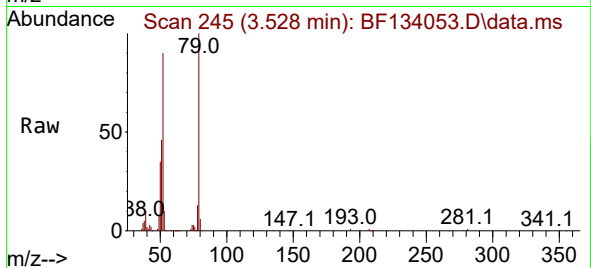
Tgt Ion: 88 Resp: 125064
Ion Ratio Lower Upper
88 100
58 85.9 68.8 103.2
43 37.4 30.7 46.1





#3
Pyridine
Concen: 35.047 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.094 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

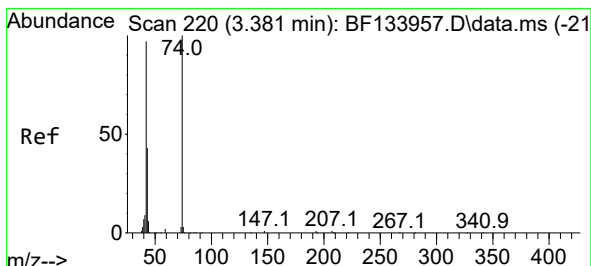
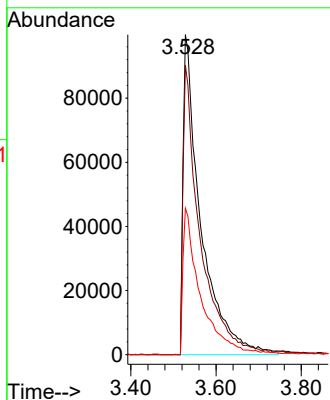
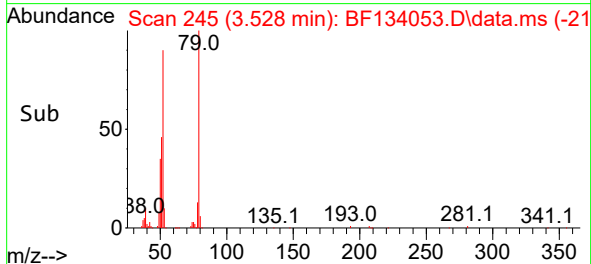
Instrument :
BNA_F
ClientSampleId :
PB153881BS



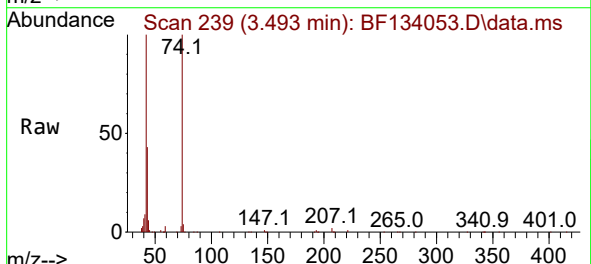
Tgt Ion: 79 Resp: 289130
Ion Ratio Lower Upper
79 100
52 90.5 71.1 106.7
51 45.8 35.2 52.8

Manual Integrations
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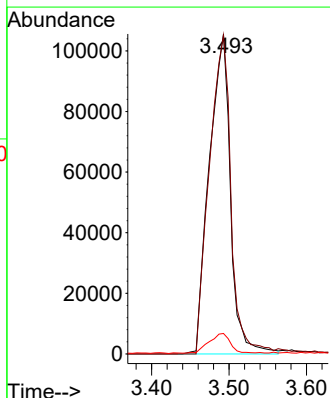
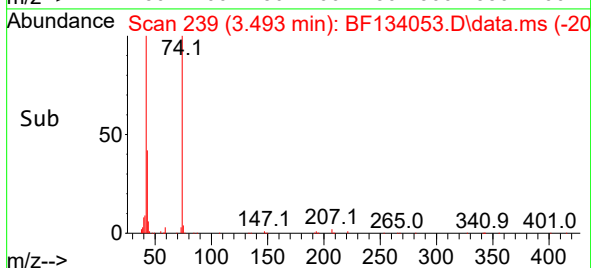
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

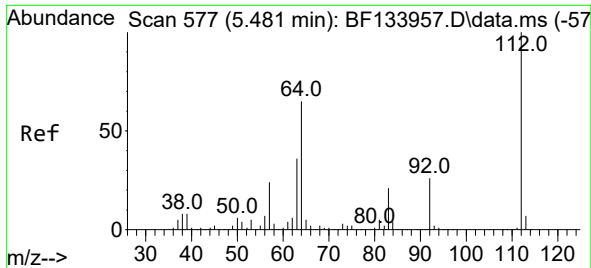


#4
n-Nitrosodimethylamine
Concen: 42.546 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.088 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion: 42 Resp: 200474
Ion Ratio Lower Upper
42 100
74 99.7 82.4 123.6
44 6.4 4.9 7.3





#5
2-Fluorophenol
Concen: 113.724 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

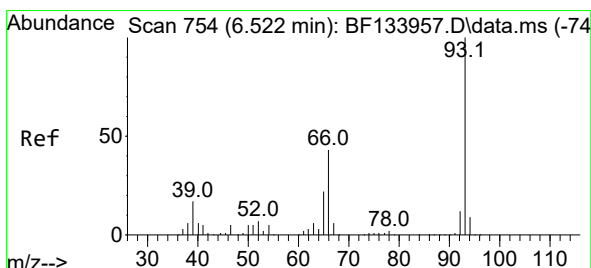
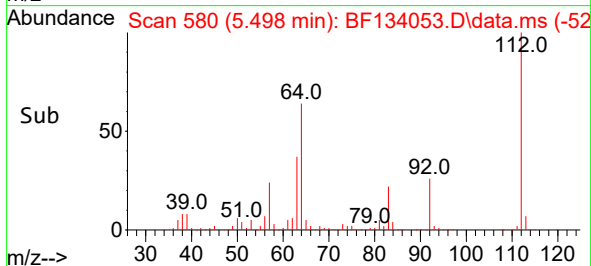
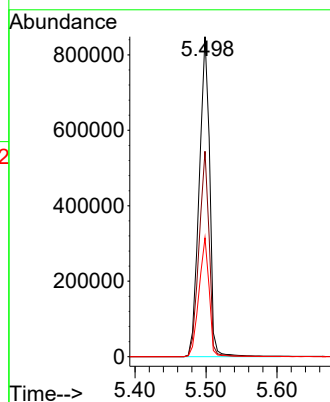
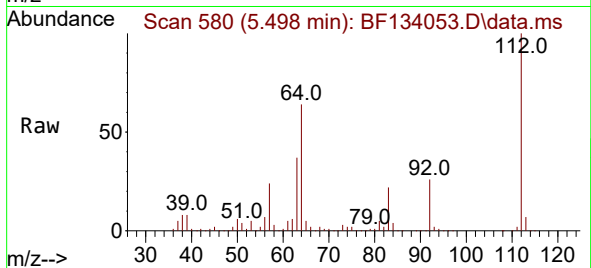
PB153881BS

Tgt Ion:112 Resp: 87357
Ion Ratio Lower Upper
112 100
64 64.2 52.1 78.1
63 37.1 28.6 42.8

Manual Integrations

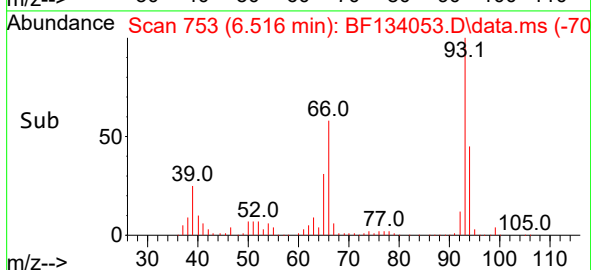
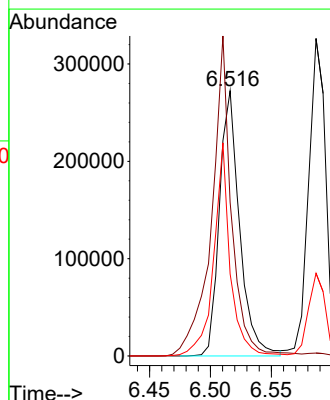
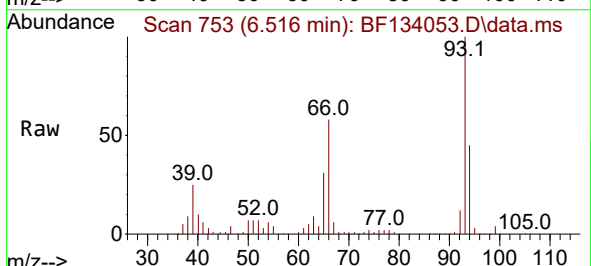
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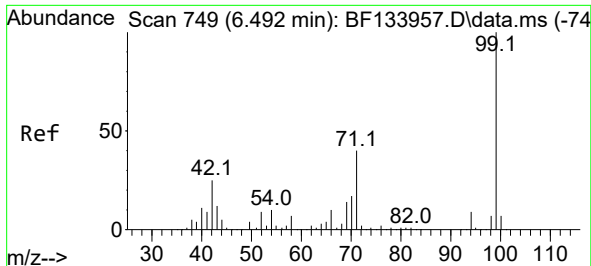
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#6
Aniline
Concen: 27.383 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion: 93 Resp: 314786
Ion Ratio Lower Upper
93 100
66 58.0 34.5 51.7#
65 30.9 17.8 26.6#





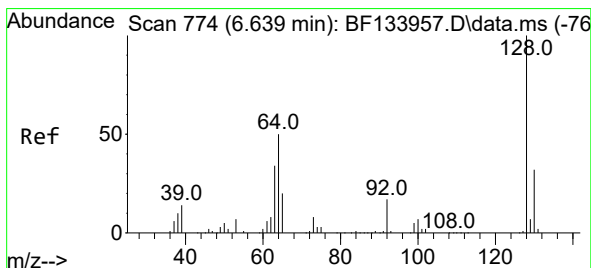
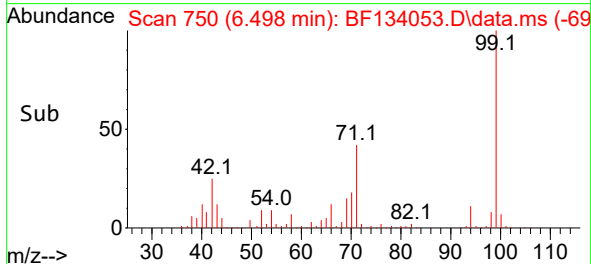
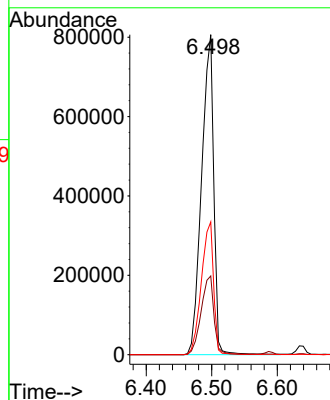
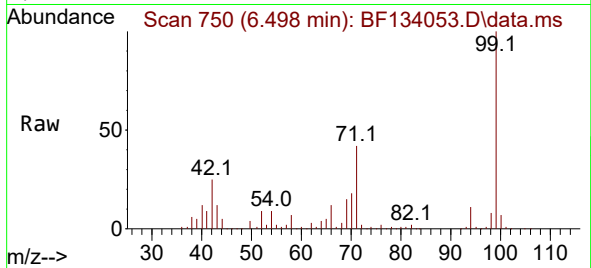
#7
Phenol-d6
Concen: 110.297 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :
BNA_F
ClientSampleId :
PB153881BS

Tgt Ion: 99 Resp: 104195
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 41.5 31.9 47.9

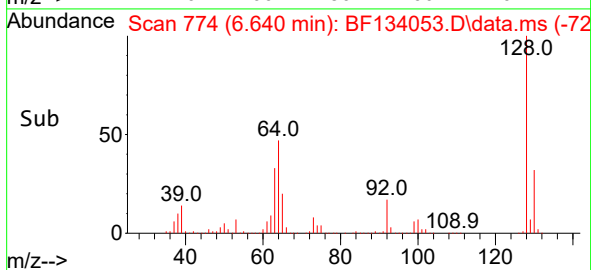
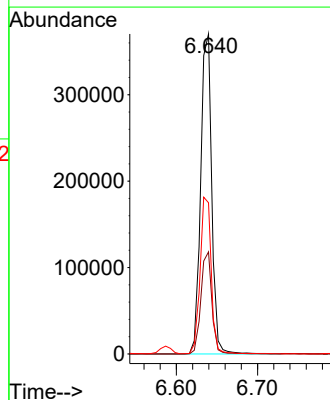
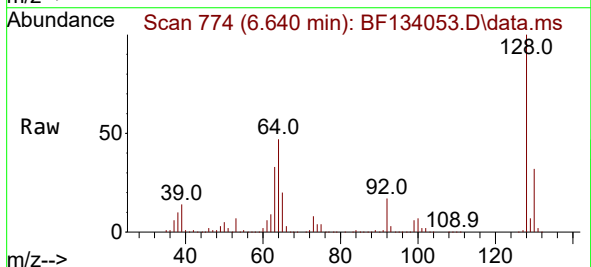
Manual Integrations
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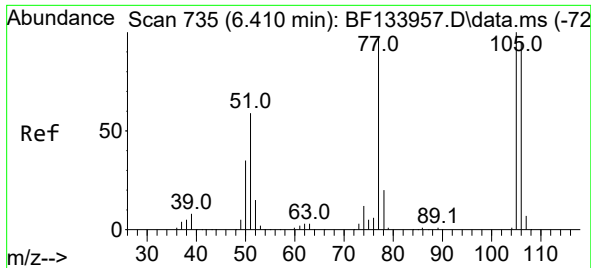
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#8
2-Chlorophenol
Concen: 45.090 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

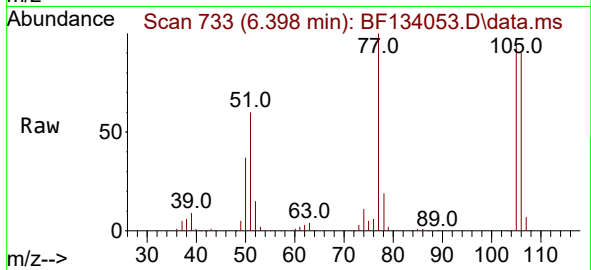
Tgt Ion:128 Resp: 351600
Ion Ratio Lower Upper
128 100
130 31.9 11.7 51.7
64 47.3 31.3 71.3





#9
Benzaldehyde
Concen: 16.627 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

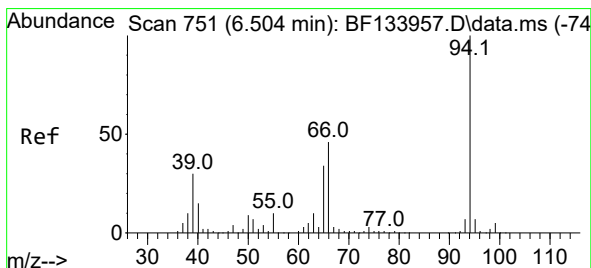
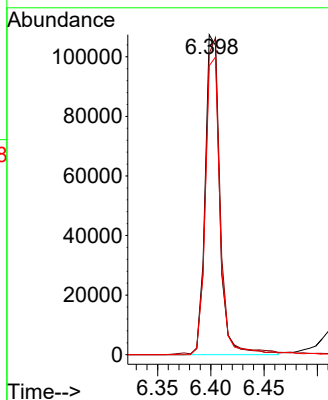
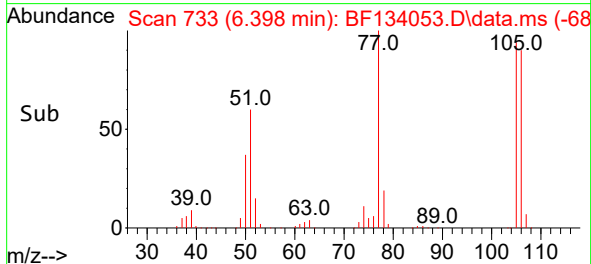
Instrument :
BNA_F
ClientSampleId :
PB153881BS



Tgt Ion: 77 Resp: 10199
Ion Ratio Lower Upper
77 100
105 94.1 82.0 122.0
106 90.3 76.9 116.9

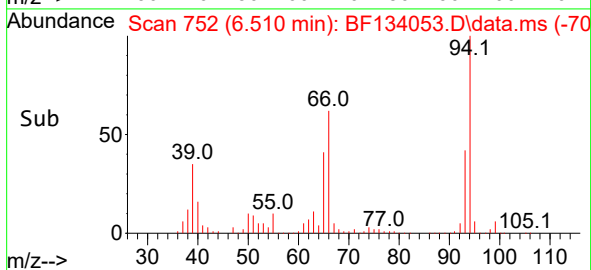
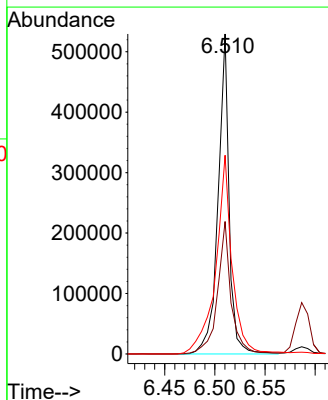
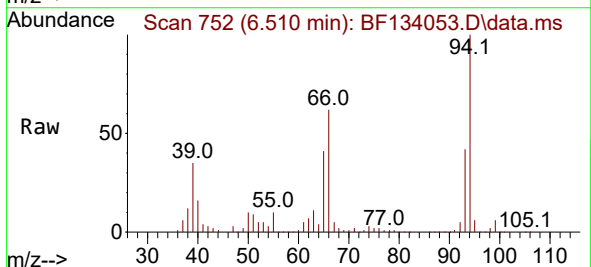
Manual Integrations
APPROVED

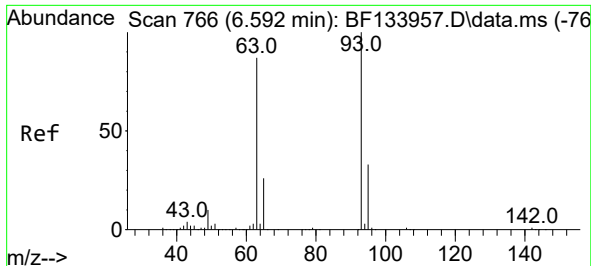
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#10
Phenol
Concen: 40.860 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion: 94 Resp: 405848
Ion Ratio Lower Upper
94 100
65 41.4 14.2 54.2
66 62.1 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 43.915 ng

RT: 6.587 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

Tgt Ion: 93 Resp: 32113

Ion Ratio Lower Upper

93 100

63 88.8 66.5 106.5

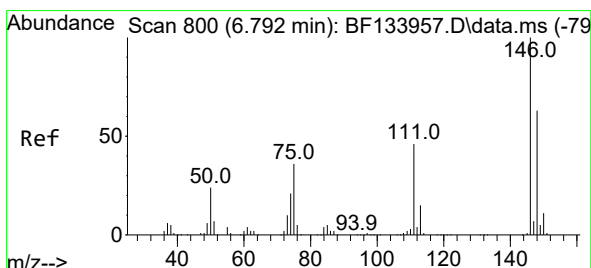
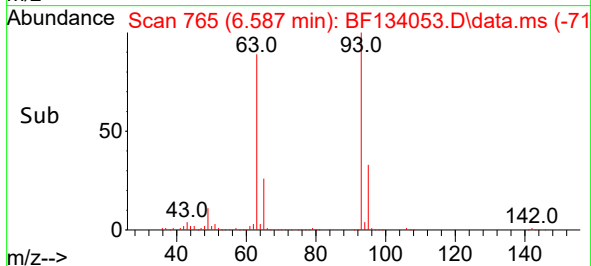
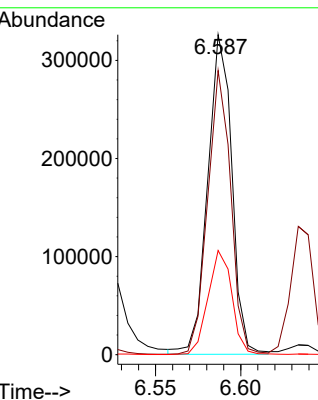
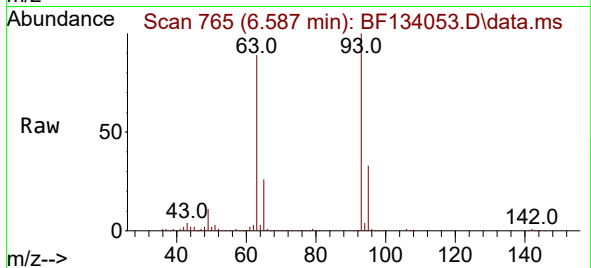
95 32.6 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#12

1,3-Dichlorobenzene

Concen: 44.834 ng

RT: 6.793 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

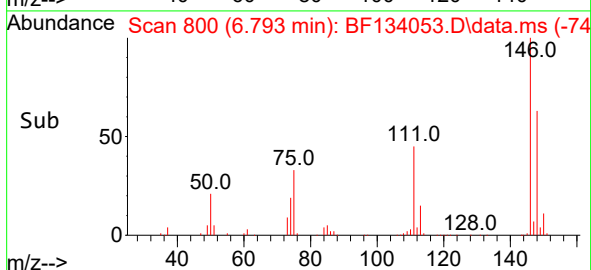
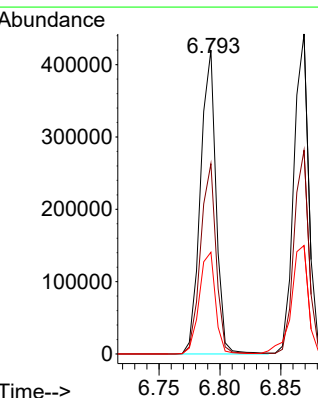
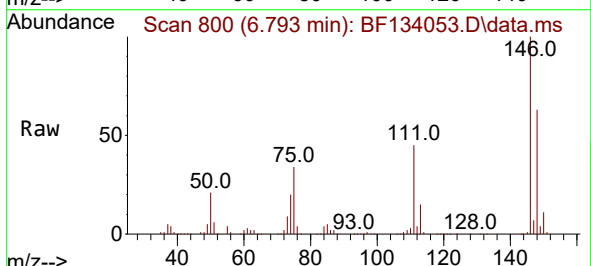
Tgt Ion:146 Resp: 372717

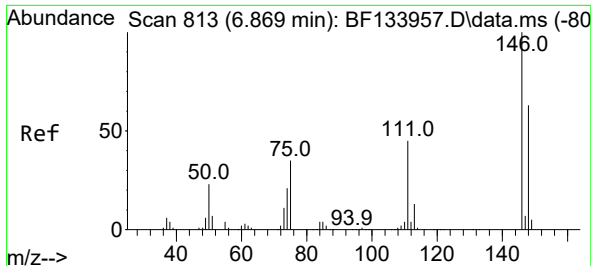
Ion Ratio Lower Upper

146 100

148 62.6 50.5 75.7

75 33.5 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.449 ng

RT: 6.869 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

Tgt Ion:146 Resp: 38162

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

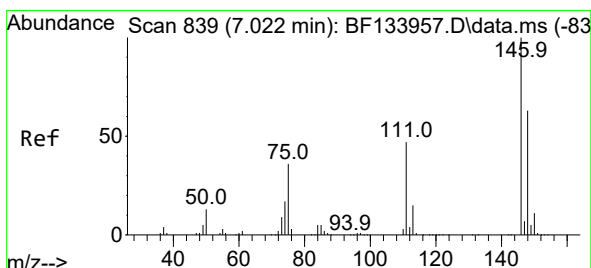
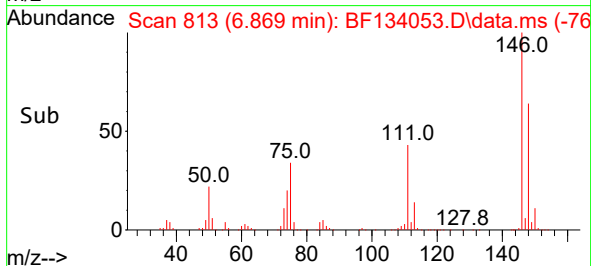
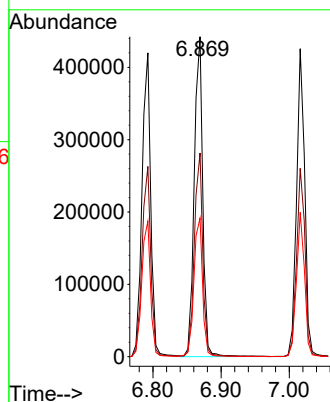
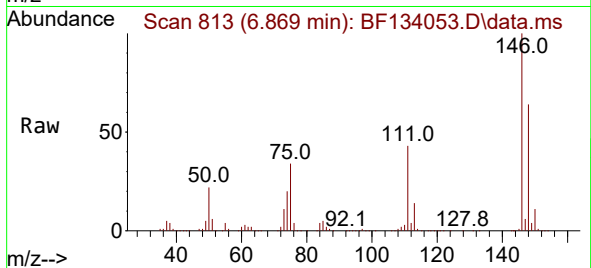
111 43.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#14

1,2-Dichlorobenzene

Concen: 45.217 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

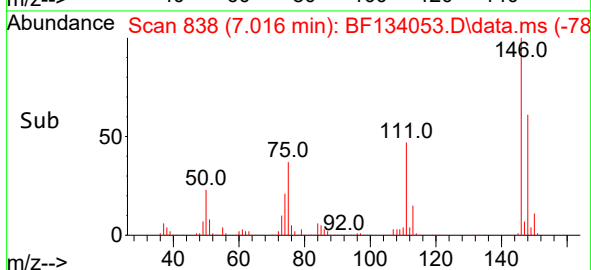
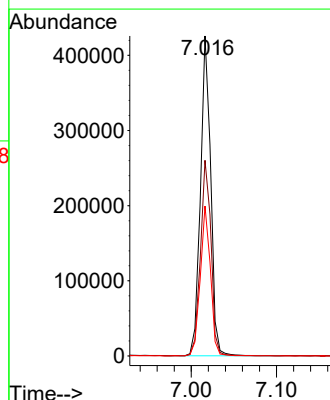
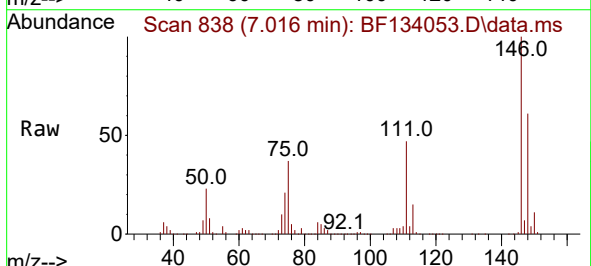
Tgt Ion:146 Resp: 355579

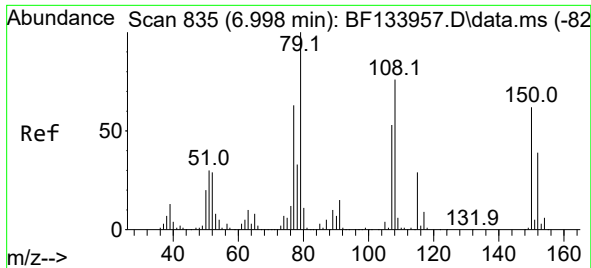
Ion Ratio Lower Upper

146 100

148 61.2 50.6 76.0

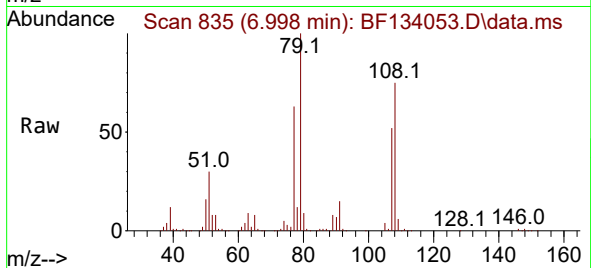
111 46.9 38.0 57.0





#15
Benzyl Alcohol
Concen: 44.297 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

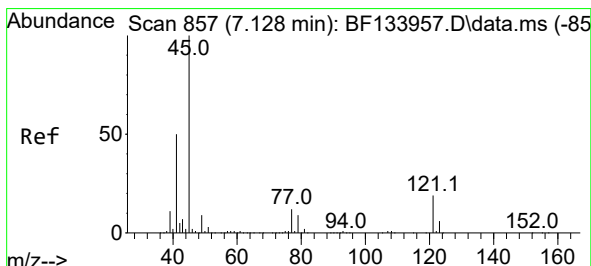
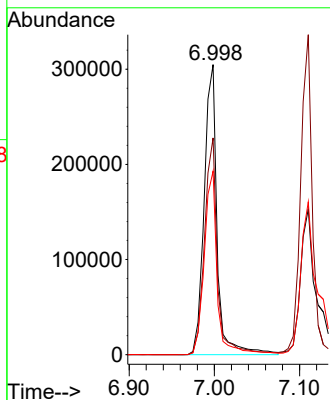
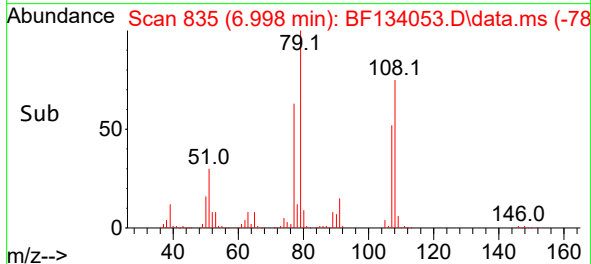
Instrument :
BNA_F
ClientSampleId :
PB153881BS



Tgt Ion: 79 Resp: 322590
Ion Ratio Lower Upper
79 100
108 74.8 60.7 91.1
77 63.3 50.6 75.8

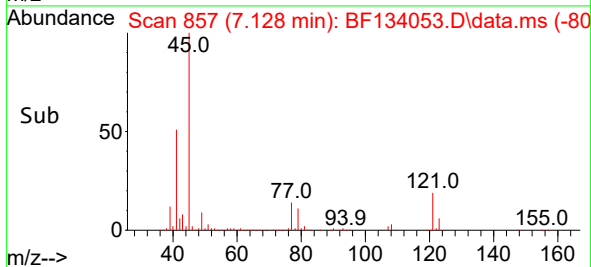
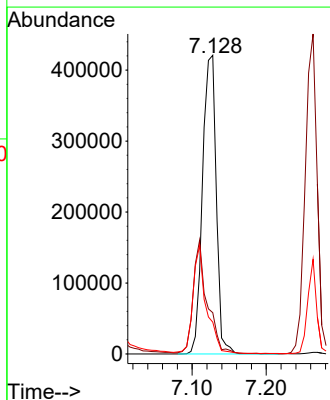
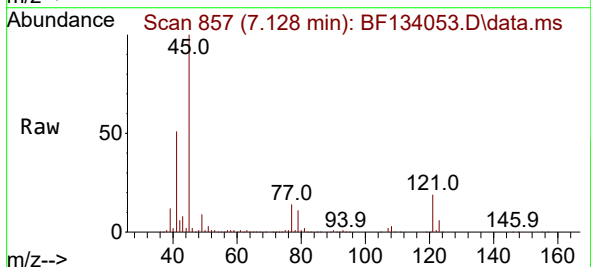
Manual Integrations
APPROVED

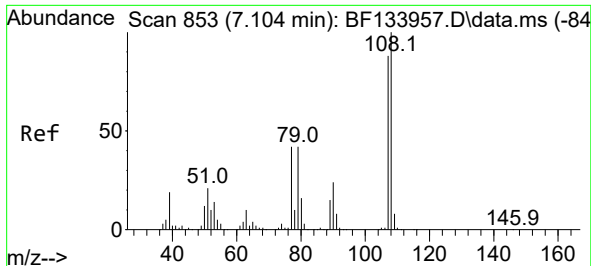
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.951 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

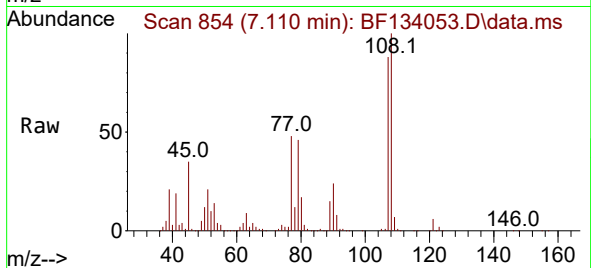
Tgt Ion: 45 Resp: 542709
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.9
79 10.7 0.0 29.5





#17
2-Methylphenol
Concen: 41.334 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

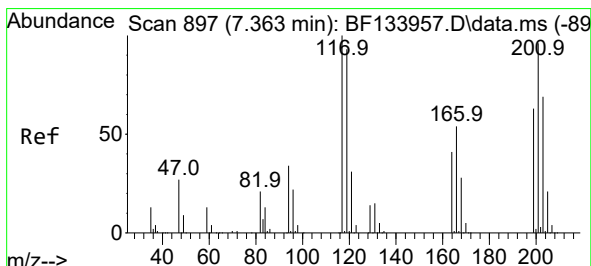
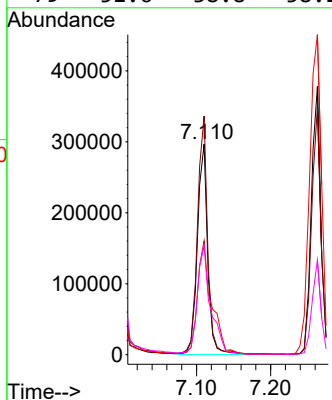
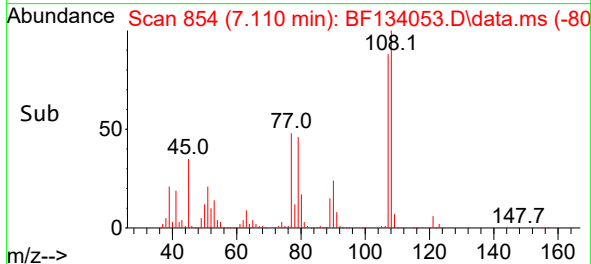
Instrument :
BNA_F
ClientSampleId :
PB153881BS



Tgt Ion:107 Resp: 288620
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 54.1 38.3 57.5
79 51.6 38.8 58.2

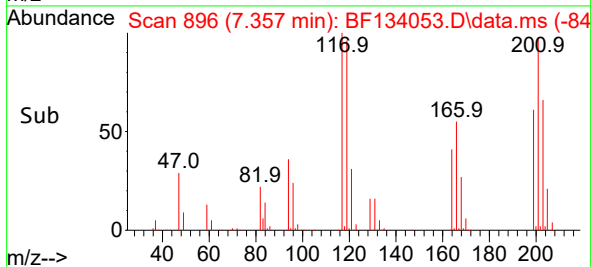
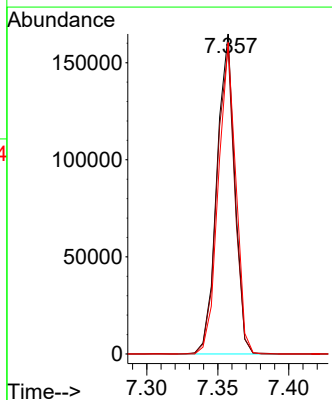
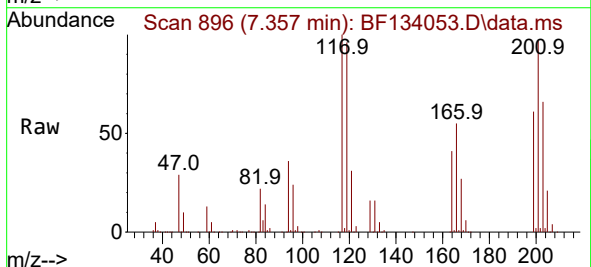
Manual Integrations
APPROVED

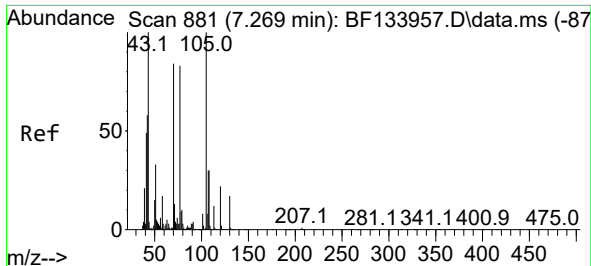
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#18
Hexachloroethane
Concen: 46.104 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:117 Resp: 143540
Ion Ratio Lower Upper
117 100
119 95.8 74.2 111.4
201 97.4 77.2 115.8





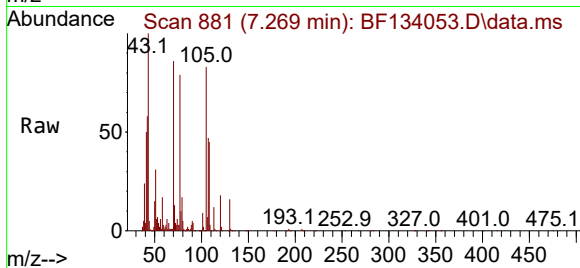
#19
n-Nitroso-di-n-propylamine
Concen: 41.827 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

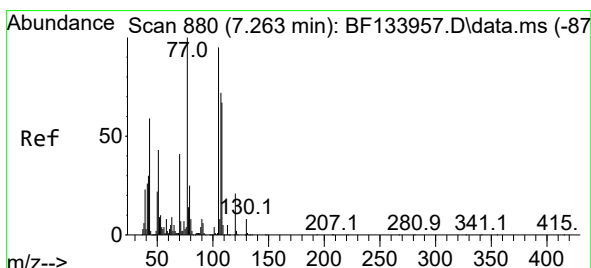
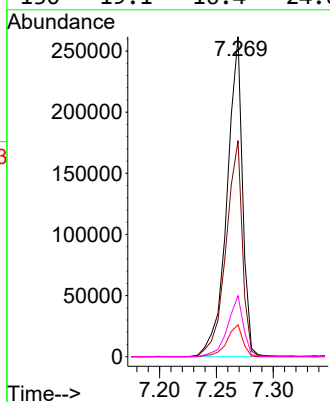
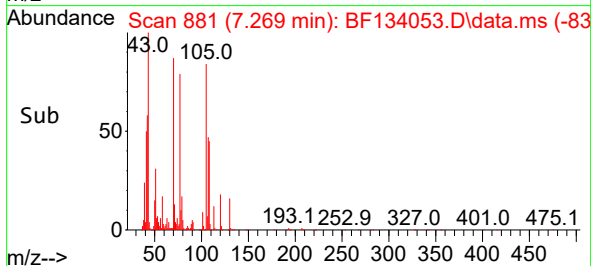
PB153881BS



Tgt Ion: 70 Resp: 250580
Ion Ratio Lower Upper
70 100
42 67.5 54.7 82.1
101 9.9 7.7 11.5
130 19.1 16.4 24.6

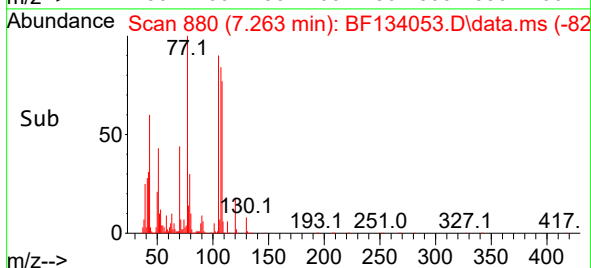
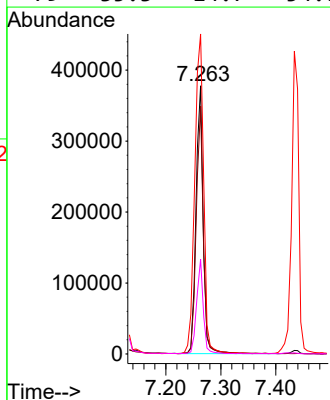
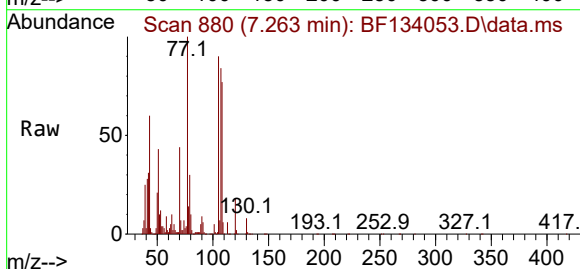
Manual Integrations
APPROVED

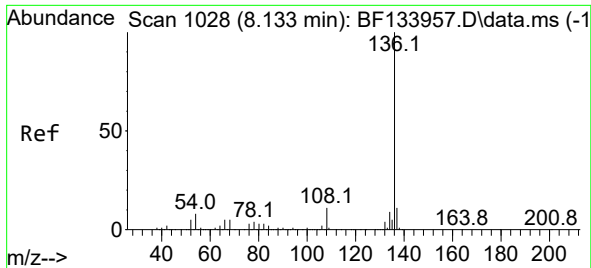
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#20
3+4-Methylphenols
Concen: 40.513 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:107 Resp: 343186
Ion Ratio Lower Upper
107 100
108 92.3 73.2 113.2
77 119.3 118.3 158.3
79 35.3 14.7 54.7





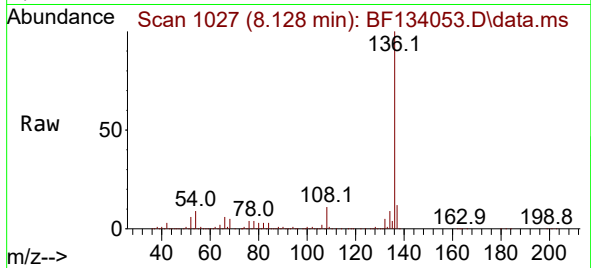
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

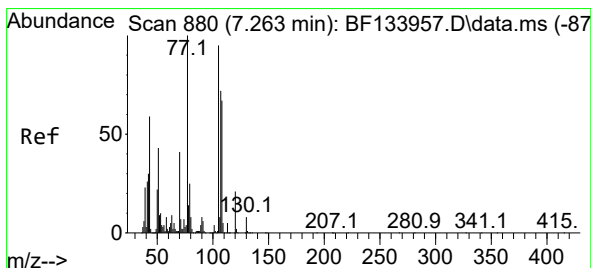
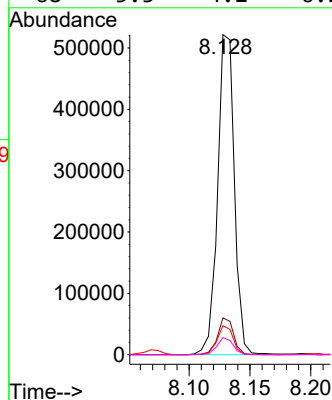
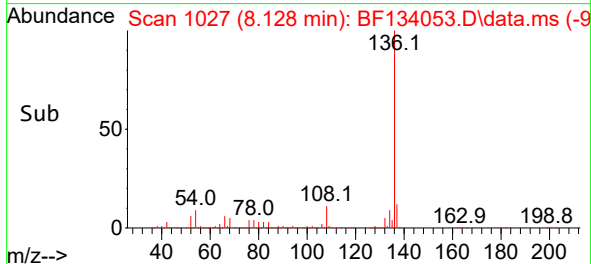


Tgt Ion:136 Resp: 502410
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 9.1 6.5 9.7
68 5.3 4.2 6.2

Manual Integrations

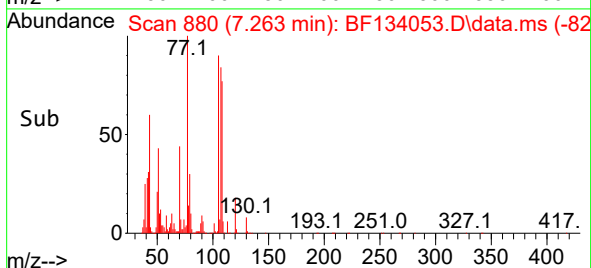
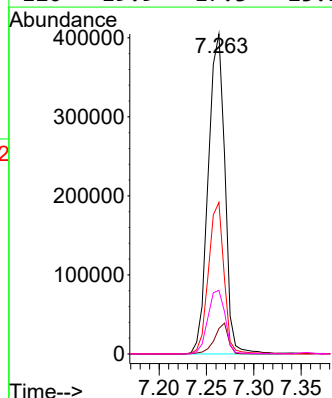
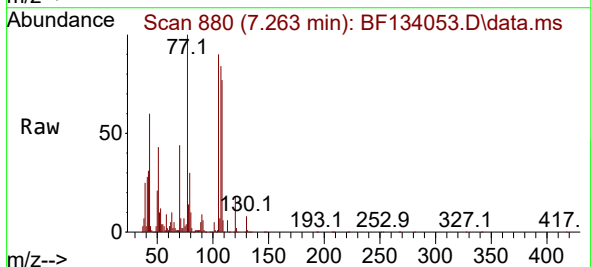
APPROVED

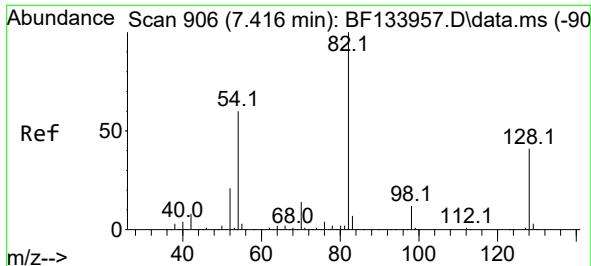
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#22
Acetophenone
Concen: 43.175 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:105 Resp: 493331
Ion Ratio Lower Upper
105 100
71 8.0 5.5 8.3
51 47.3 36.5 54.7
120 19.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 76.862 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134053.D

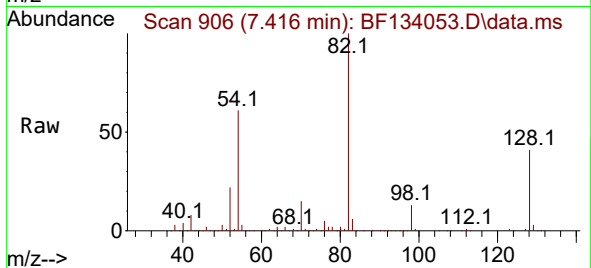
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS



Tgt Ion: 82 Resp: 716379

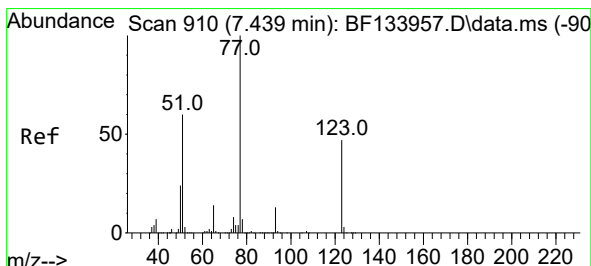
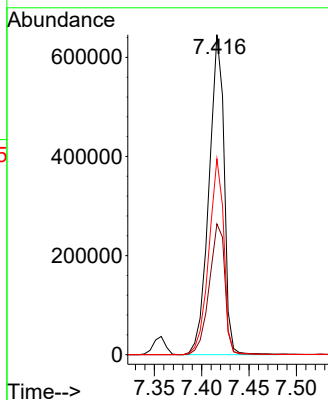
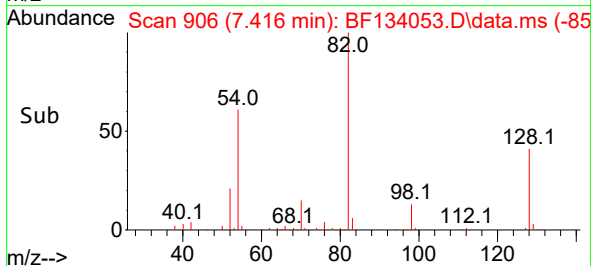
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.5	48.7
54	61.2	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#24

Nitrobenzene

Concen: 40.654 ng

RT: 7.434 min Scan# 909

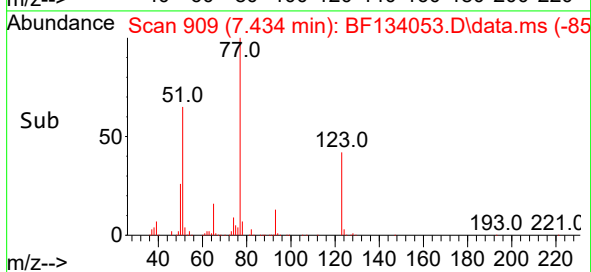
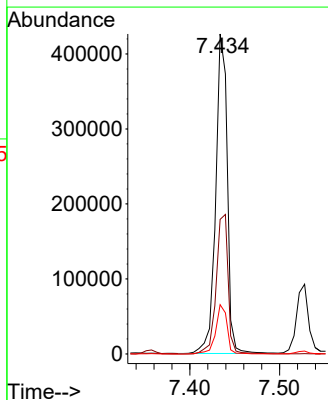
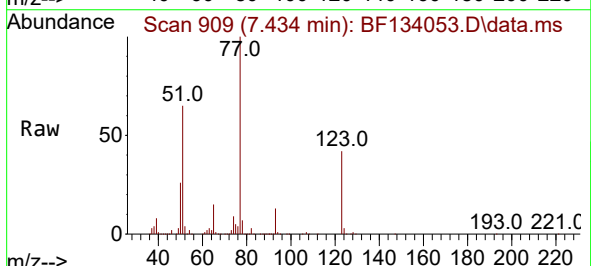
Delta R.T. -0.006 min

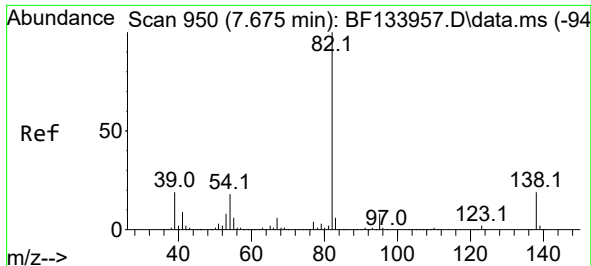
Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Tgt Ion: 77 Resp: 382898

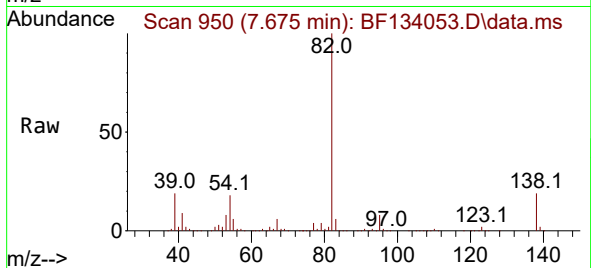
Ion	Ratio	Lower	Upper
77	100		
123	42.0	37.8	56.6
65	15.4	11.3	16.9





#25
Isophorone
Concen: 41.307 ng
RT: 7.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

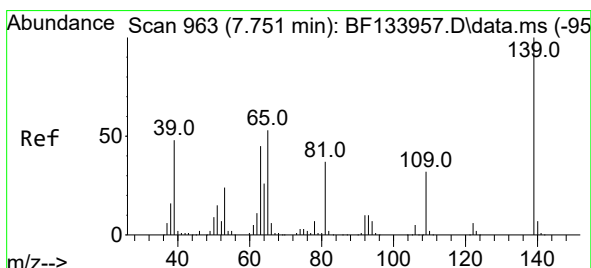
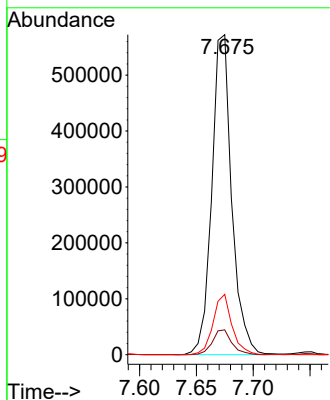
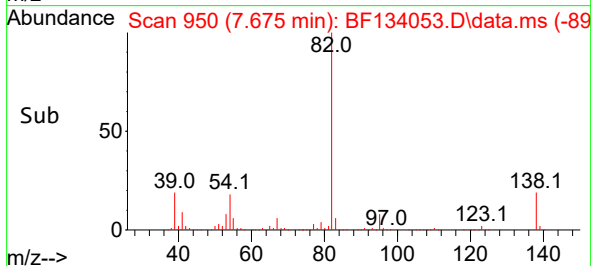
Instrument :
BNA_F
ClientSampleId :
PB153881BS



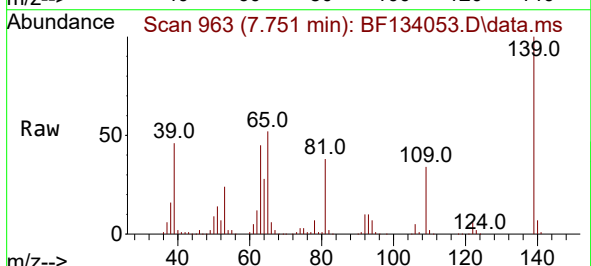
Tgt Ion: 82 Resp: 699702
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.9 15.2 22.8

Manual Integrations
APPROVED

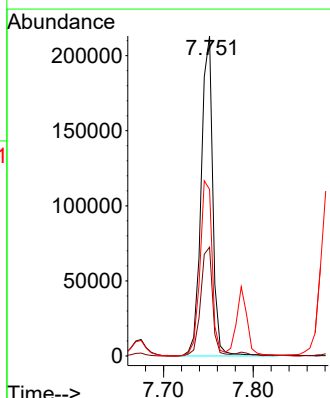
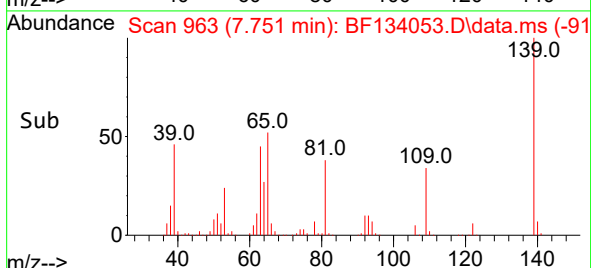
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

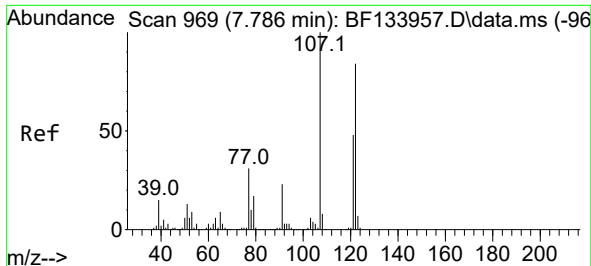


#26
2-Nitrophenol
Concen: 42.691 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion:139 Resp: 192887
Ion Ratio Lower Upper
139 100
109 34.0 25.8 38.8
65 52.1 42.4 63.6





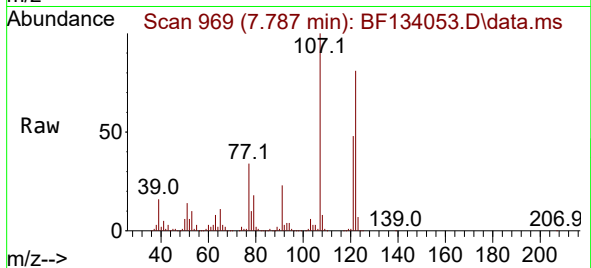
#27
2,4-Dimethylphenol
Concen: 43.170 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS



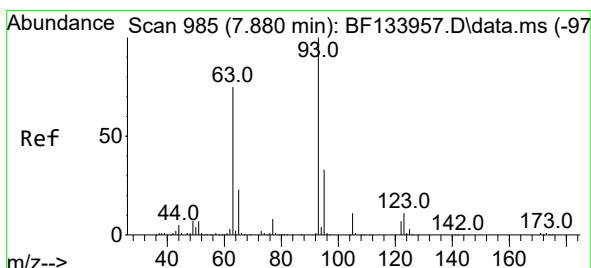
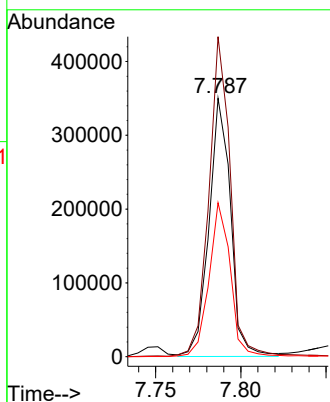
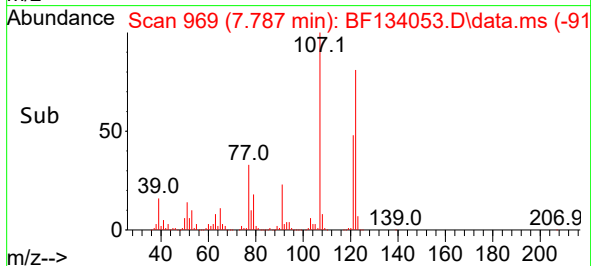
Tgt Ion:122 Resp: 308748
Ion Ratio Lower Upper
122 100
107 123.8 95.5 143.3
121 59.6 45.5 68.3

Manual Integrations

APPROVED

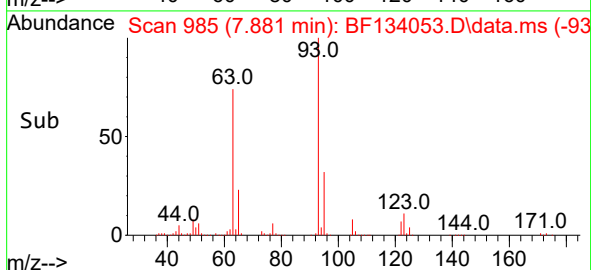
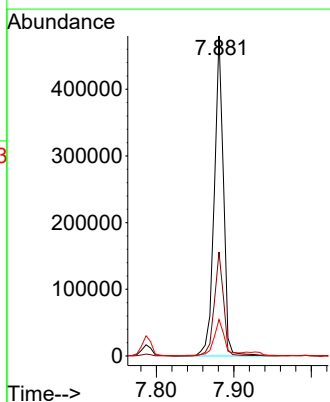
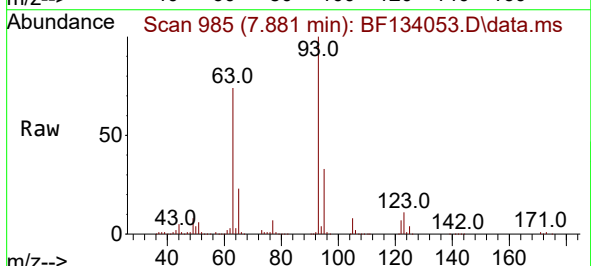
Reviewed By :Yogesh Patel 07/03/2023

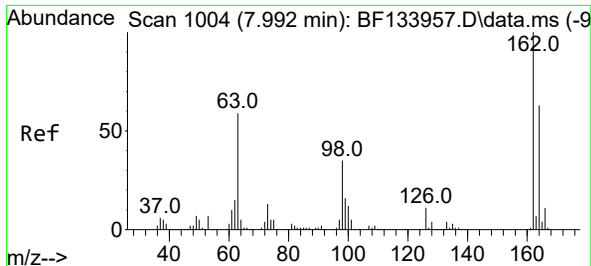
Supervised By :mohammad ahmed 07/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.536 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion: 93 Resp: 397585
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.474 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF134053.D

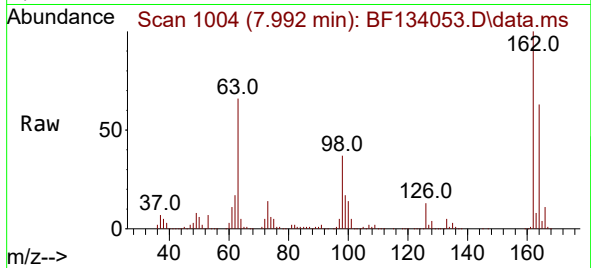
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS



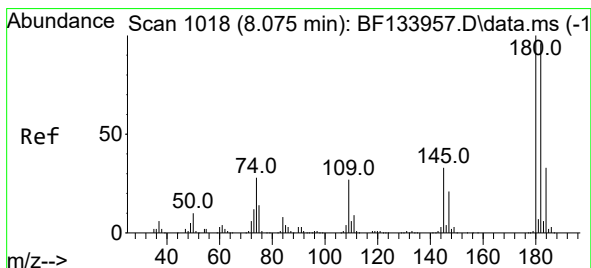
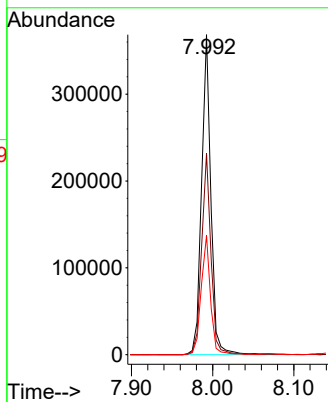
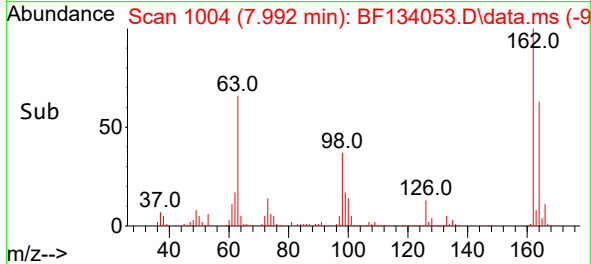
Tgt Ion:162	Resp:	29413
Ion Ratio	Lower	Upper
162	100	
164	62.9	43.2 83.2
98	37.3	14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.942 ng

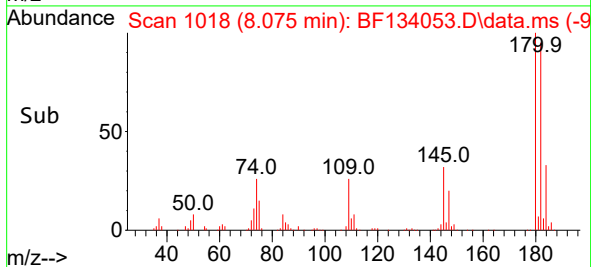
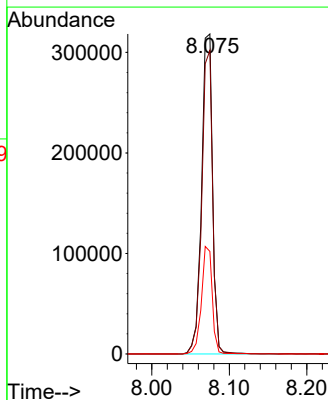
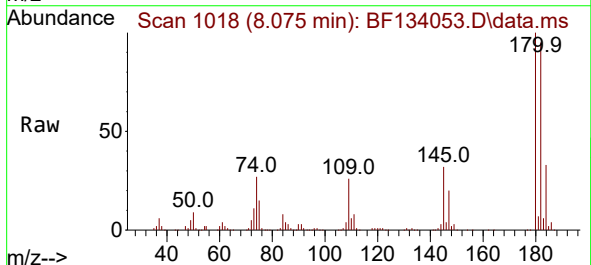
RT: 8.075 min Scan# 1018

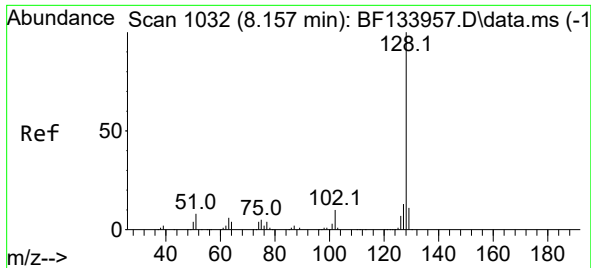
Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Tgt Ion:180	Resp:	314239
Ion Ratio	Lower	Upper
180	100	
182	94.9	77.1 115.7
145	32.0	26.0 39.0





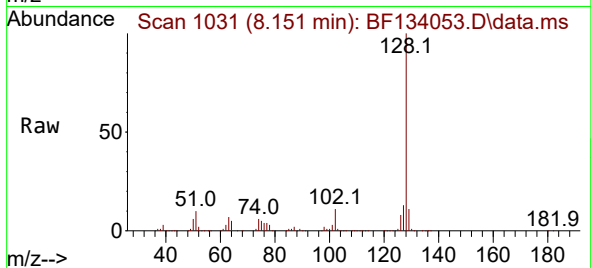
#31
Naphthalene
Concen: 40.560 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS



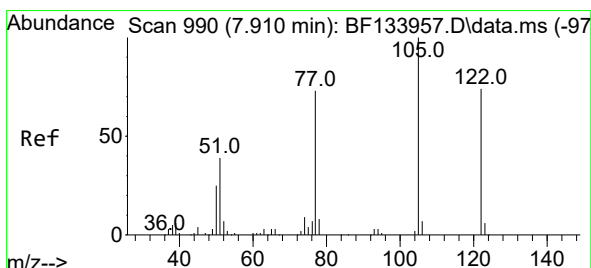
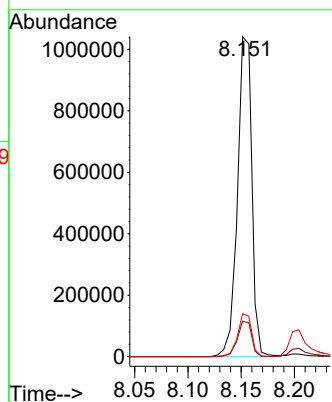
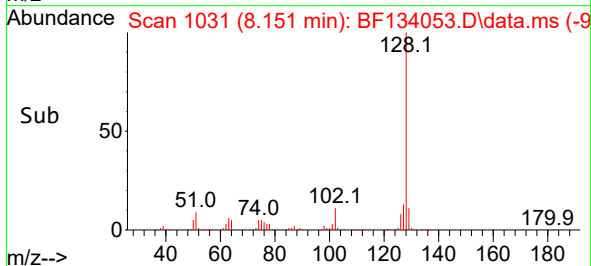
Tgt Ion:128 Resp: 984325
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.6 15.8

Manual Integrations

APPROVED

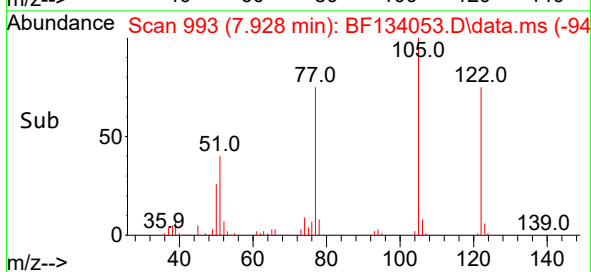
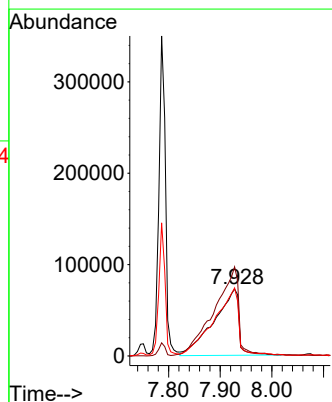
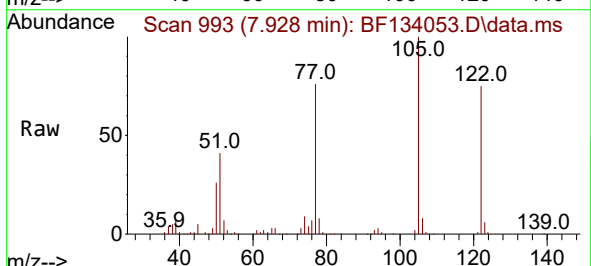
Reviewed By :Yogesh Patel 07/03/2023

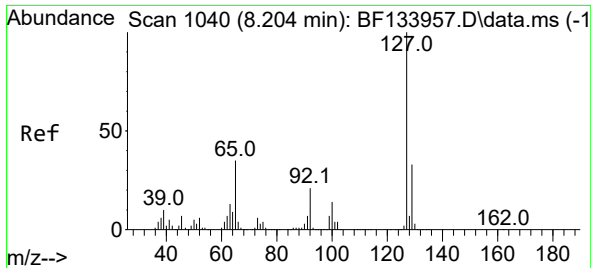
Supervised By :mohammad ahmed 07/07/2023



#32
Benzoic acid
Concen: 45.803 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:122 Resp: 245468
Ion Ratio Lower Upper
122 100
105 133.4 109.7 149.7
77 101.7 76.0 116.0





#33
4-Chloroaniline
Concen: 10.494 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

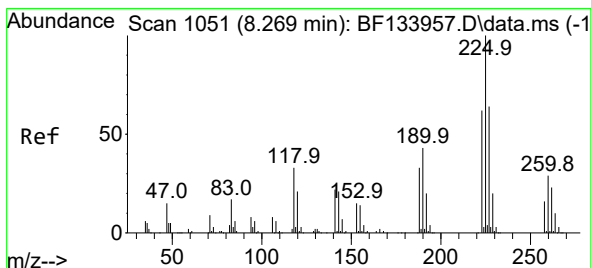
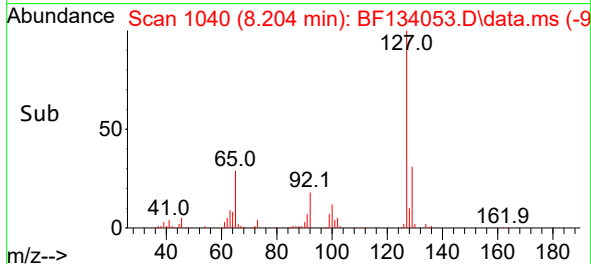
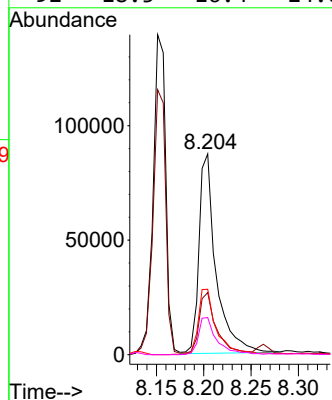
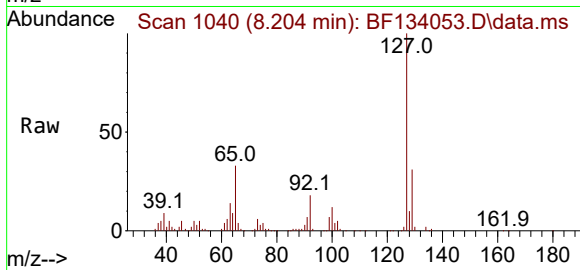
ClientSampleId :

PB153881BS

Tgt Ion:127 Resp: 10893
Ion Ratio Lower Upper
127 100
129 30.9 26.4 39.6
65 32.6 27.8 41.8
92 18.5 16.4 24.6

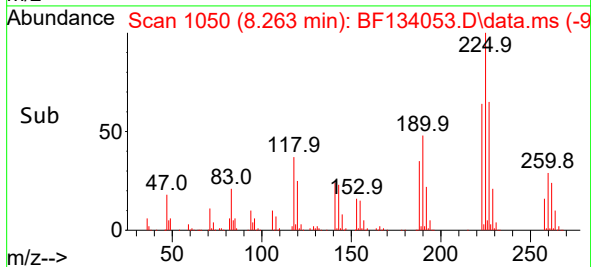
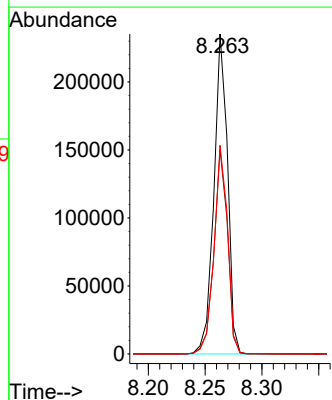
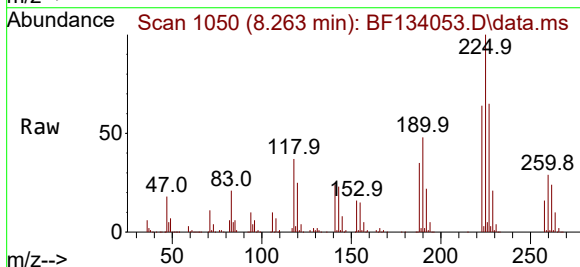
Manual Integrations
APPROVED

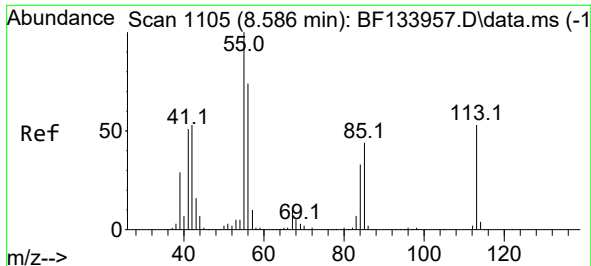
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#34
Hexachlorobutadiene
Concen: 42.510 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

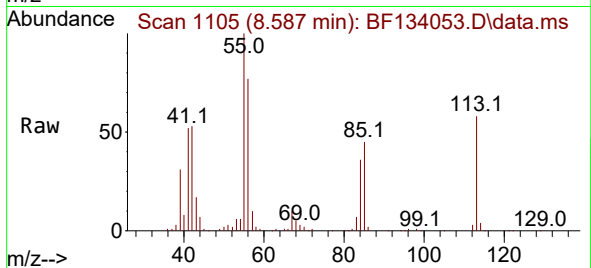
Tgt Ion:225 Resp: 196231
Ion Ratio Lower Upper
225 100
223 63.9 49.8 74.8
227 65.2 51.0 76.4





#35
 Caprolactam
 Concen: 42.884 ng m
 RT: 8.587 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134053.D
 Acq: 30 Jun 2023 15:21

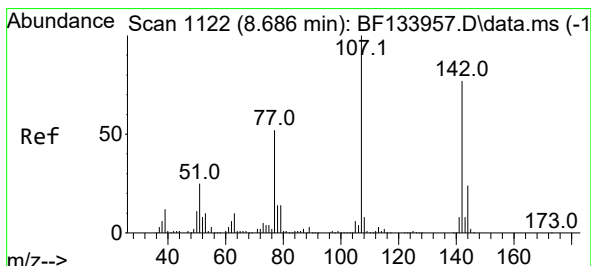
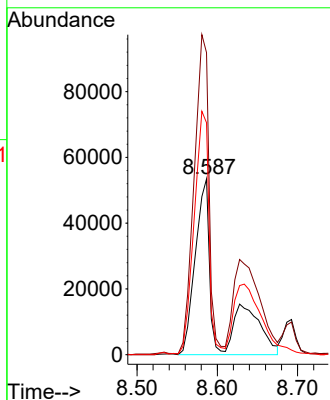
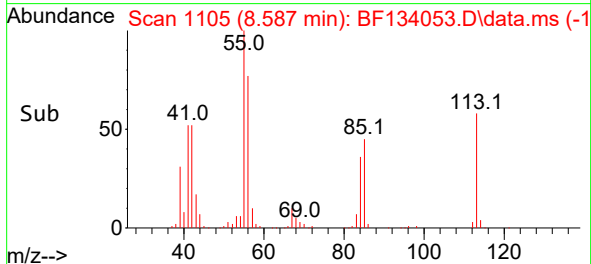
Instrument :
 BNA_F
 ClientSampleId :
 PB153881BS



Tgt Ion:113 Resp: 100140
 Ion Ratio Lower Upper
 113 100
 55 171.9 170.2 210.2
 56 132.0 121.4 161.4

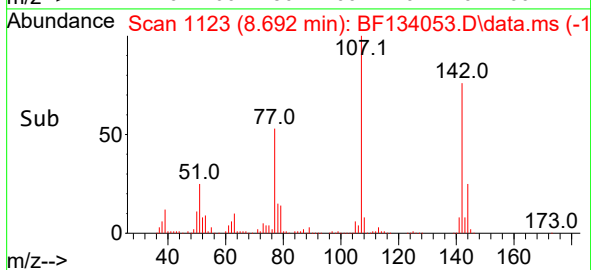
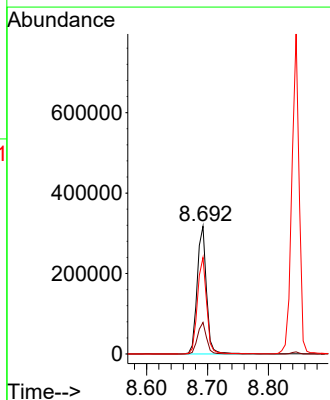
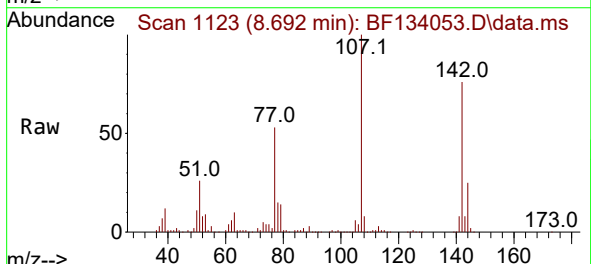
Manual Integrations
 APPROVED

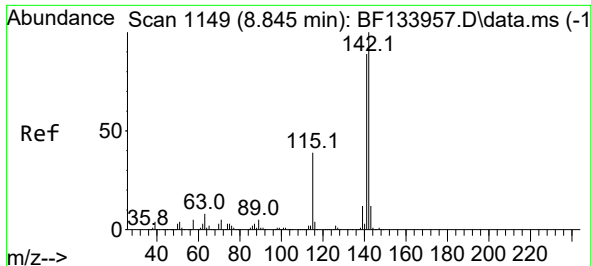
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/07/2023



#36
 4-Chloro-3-methylphenol
 Concen: 42.406 ng
 RT: 8.692 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: BF134053.D
 Acq: 30 Jun 2023 15:21

Tgt Ion:107 Resp: 337854
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.6 29.4
 142 75.5 61.4 92.2





#37
2-Methylnaphthalene
Concen: 38.627 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

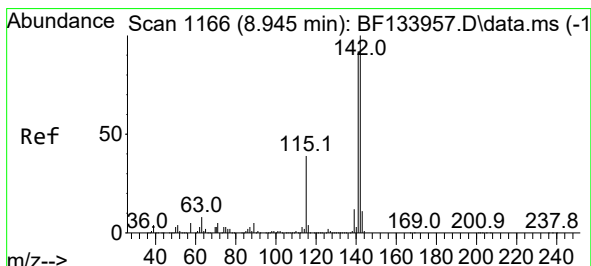
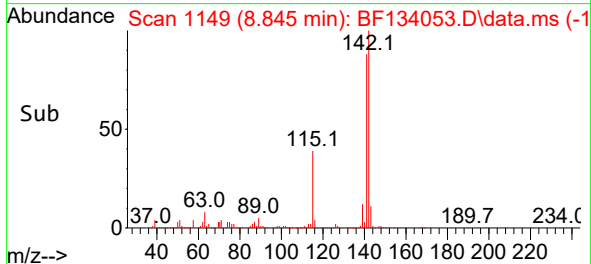
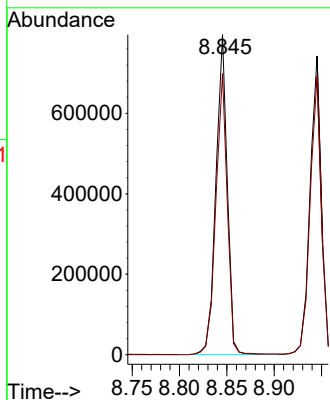
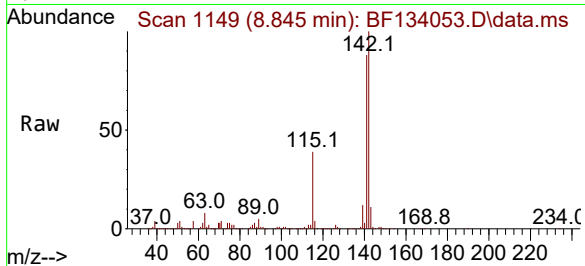
ClientSampleId :

PB153881BS

Tgt Ion:142 Resp: 66289
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.4

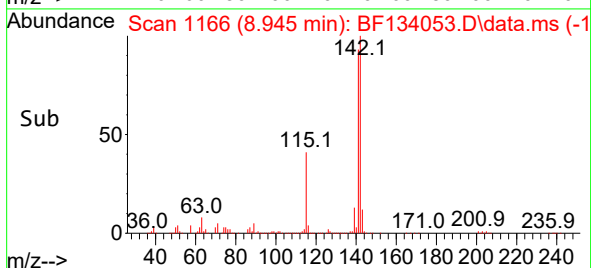
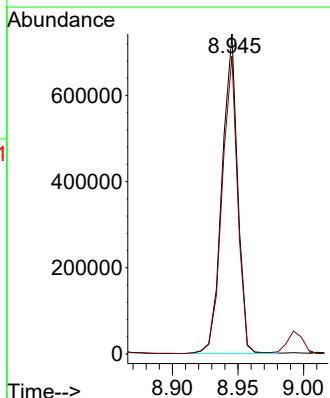
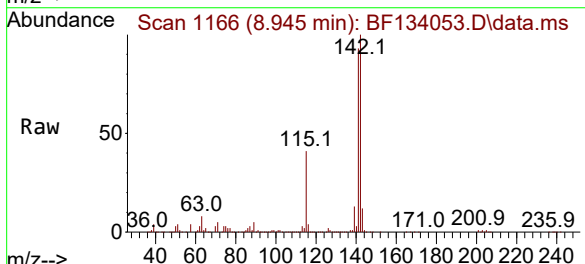
Manual Integrations
APPROVED

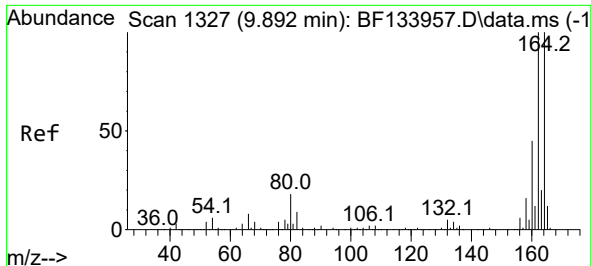
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#38
1-Methylnaphthalene
Concen: 38.384 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:142 Resp: 612388
Ion Ratio Lower Upper
142 100
141 93.1 73.5 110.3





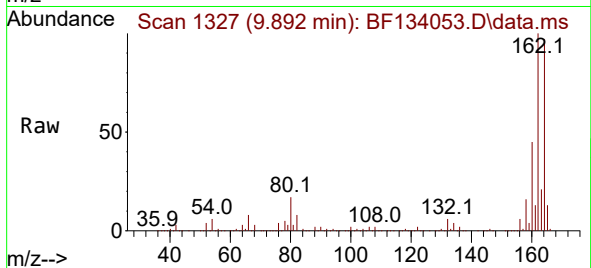
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS



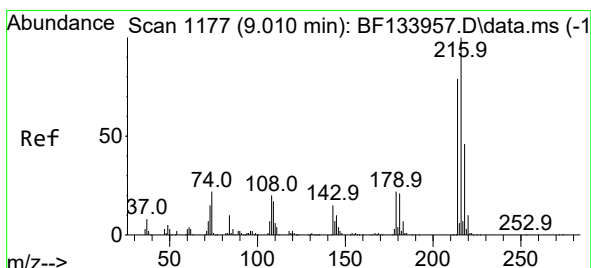
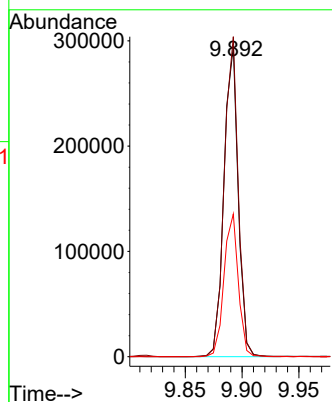
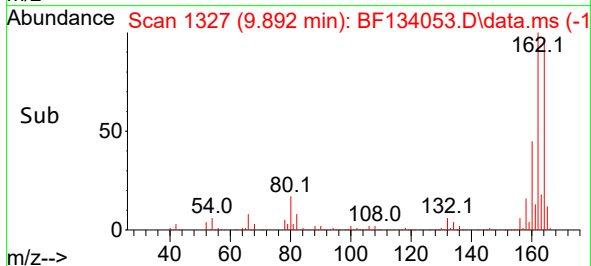
Tgt Ion:164 Resp: 257975
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 46.0 35.9 53.9

Manual Integrations

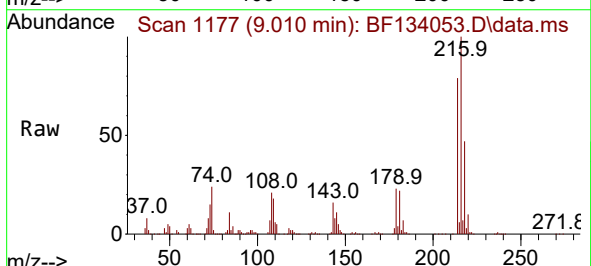
APPROVED

Reviewed By :Yogesh Patel 07/03/2023

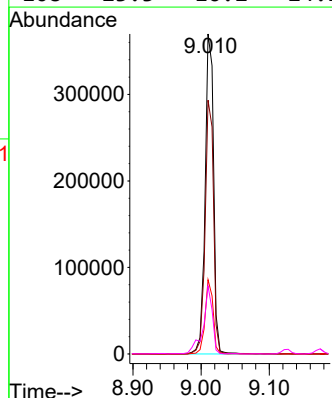
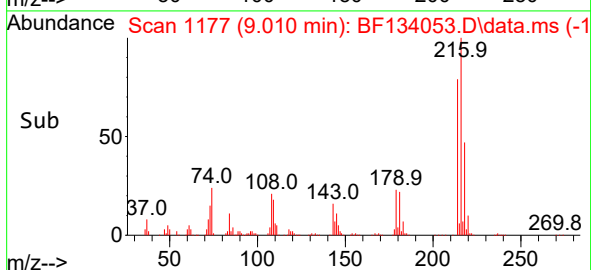
Supervised By :mohammad ahmed 07/07/2023

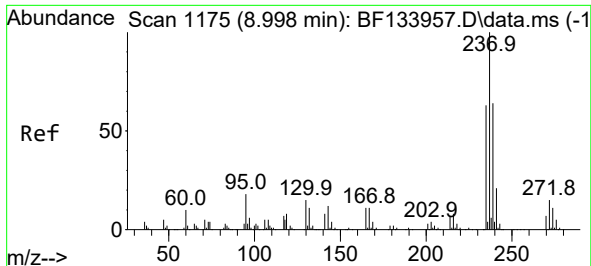


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.786 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion:216 Resp: 319366
Ion Ratio Lower Upper
216 100
214 79.0 64.1 96.1
179 21.9 17.3 25.9
108 23.3 16.2 24.2





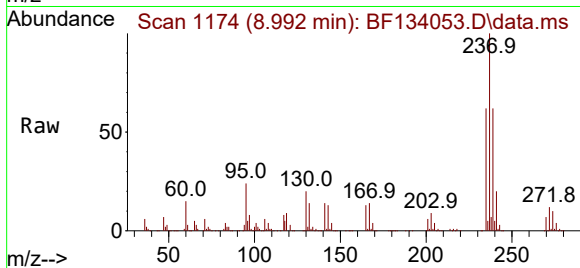
#41
Hexachlorocyclopentadiene
Concen: 95.650 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

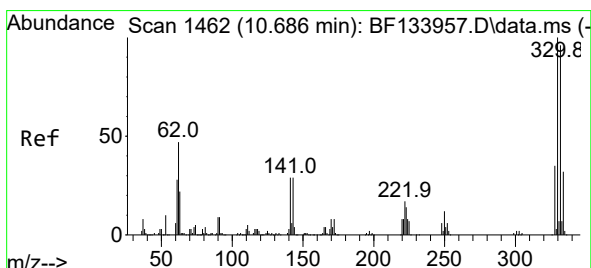
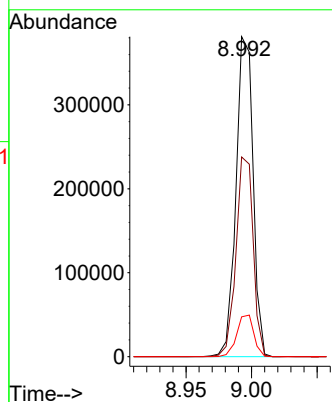
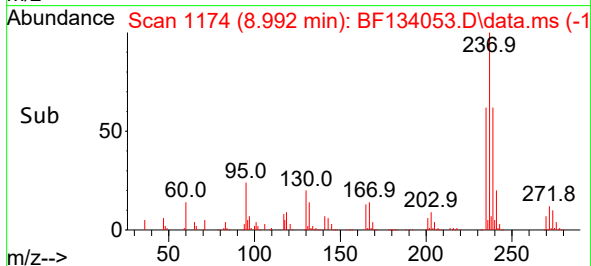


Tgt Ion:237 Resp: 346822
Ion Ratio Lower Upper
237 100
235 62.4 42.8 82.8
272 12.5 0.0 34.6

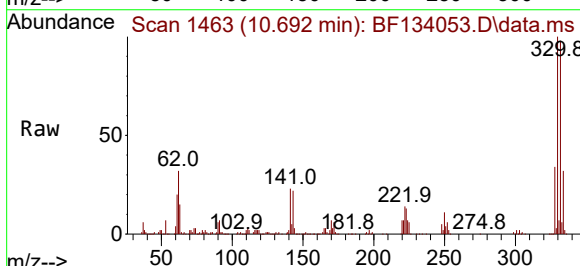
Manual Integrations

APPROVED

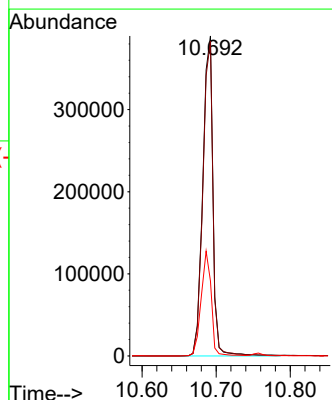
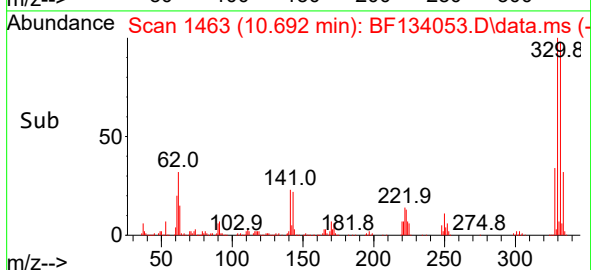
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

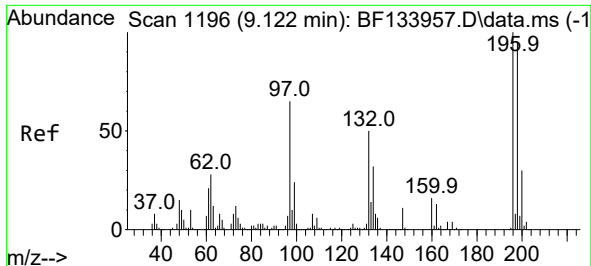


#42
2,4,6-Tribromophenol
Concen: 115.219 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion:330 Resp: 372674
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 32.5 26.3 39.5





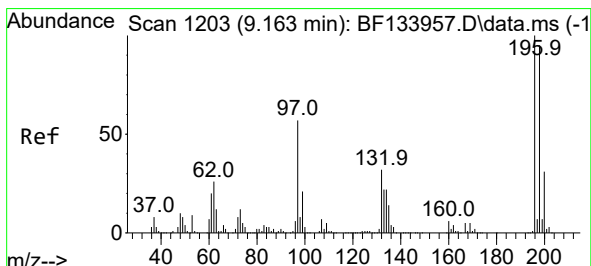
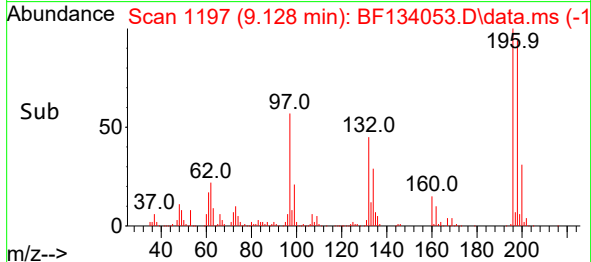
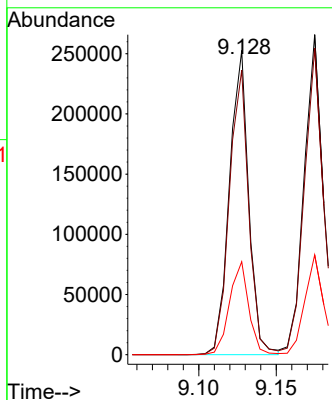
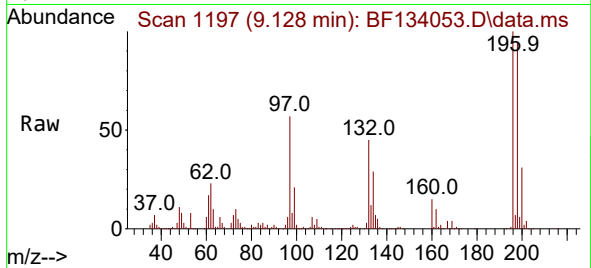
#43
2,4,6-Trichlorophenol
Concen: 42.098 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :
BNA_F
ClientSampleId :
PB153881BS

Tgt Ion:196 Resp: 21903
Ion Ratio Lower Upper
196 100
198 93.6 75.6 113.4
200 30.5 24.4 36.6

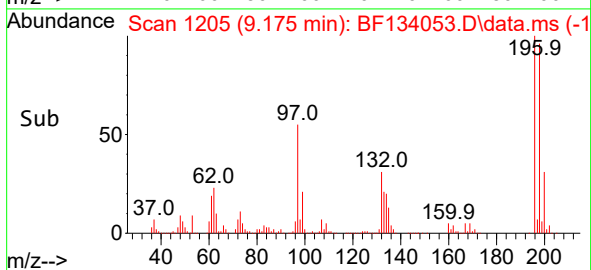
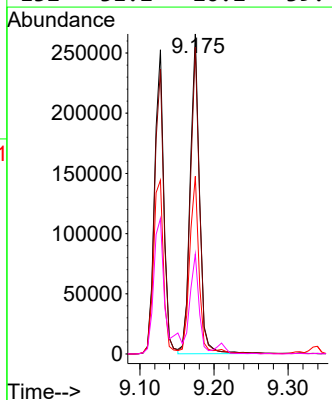
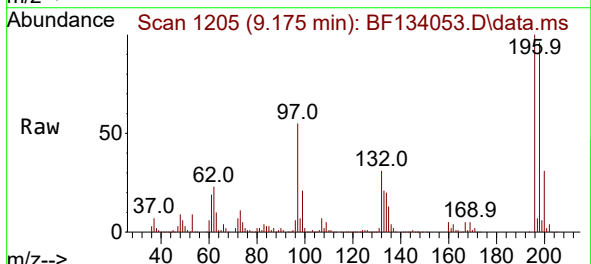
Manual Integrations
APPROVED

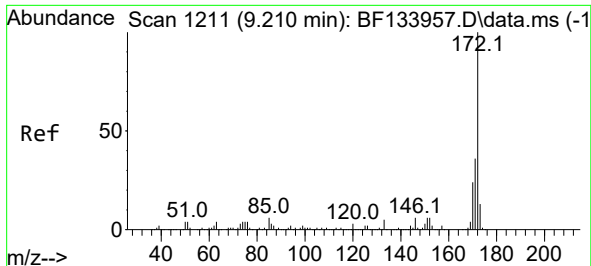
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#44
2,4,5-Trichlorophenol
Concen: 37.819 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:196 Resp: 231450
Ion Ratio Lower Upper
196 100
198 95.8 75.7 113.5
97 55.5 45.8 68.6
132 31.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 75.920 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

Tgt Ion:172 Resp: 134711

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

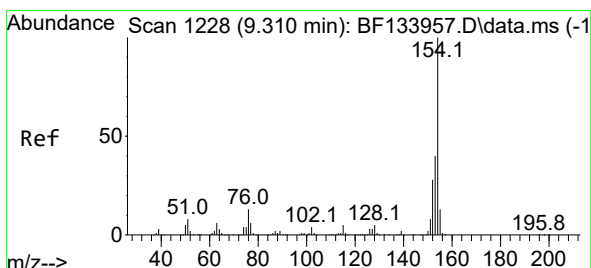
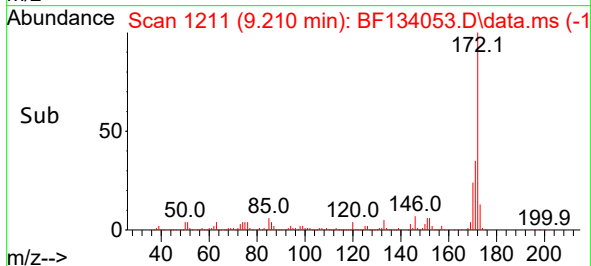
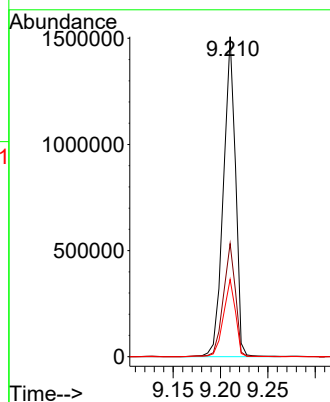
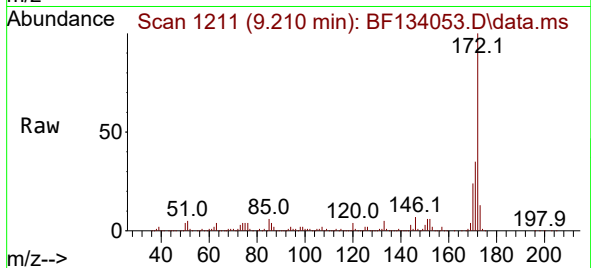
170 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#46

1,1'-Biphenyl

Concen: 41.065 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

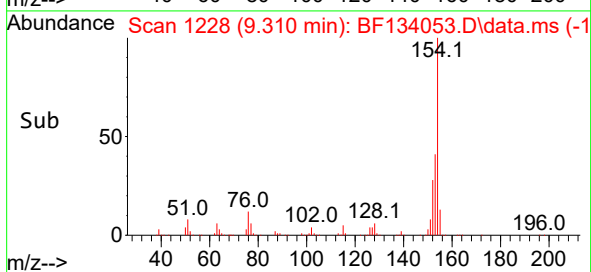
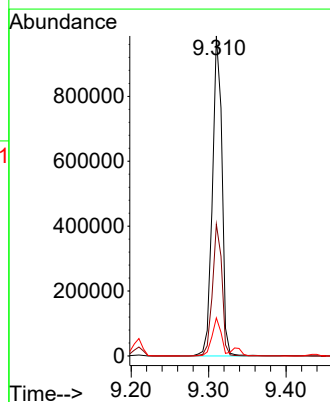
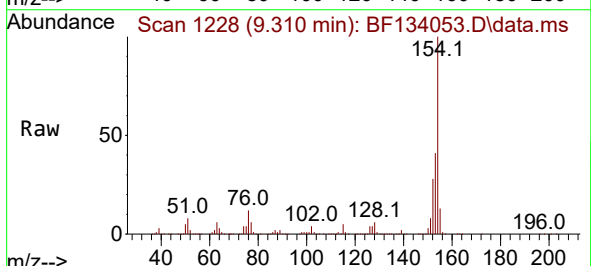
Tgt Ion:154 Resp: 849801

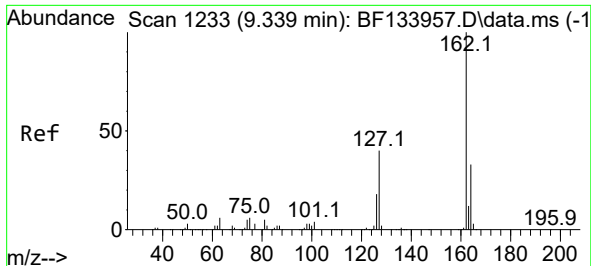
Ion Ratio Lower Upper

154 100

153 41.1 19.8 59.8

76 11.9 0.0 32.9





#47
2-Chloronaphthalene
Concen: 41.243 ng
RT: 9.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

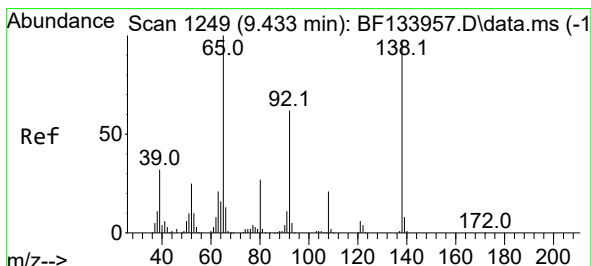
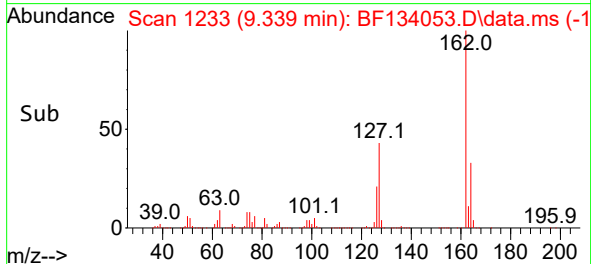
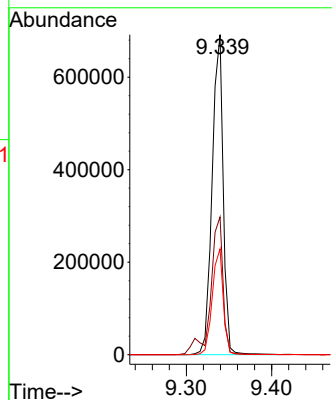
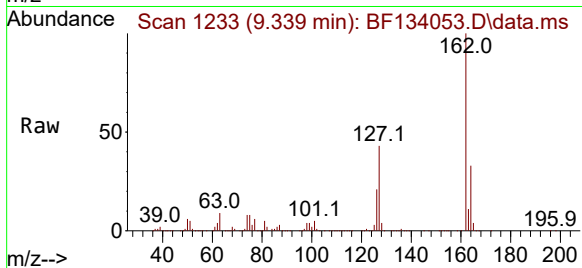
ClientSampleId :

PB153881BS

Tgt Ion:162 Resp: 624454
Ion Ratio Lower Upper
162 100
127 43.1 32.9 49.3
164 33.1 26.1 39.1

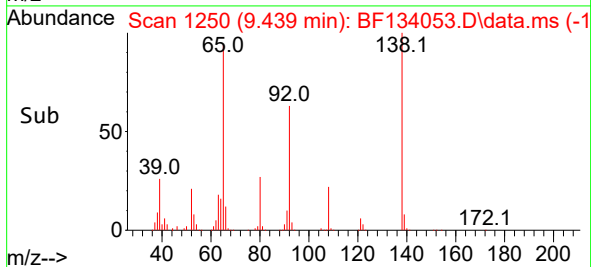
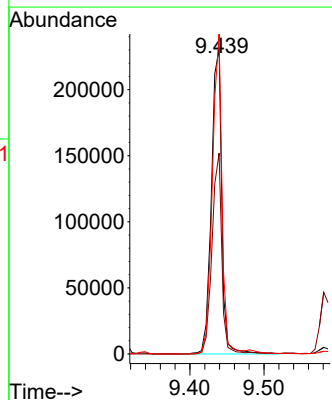
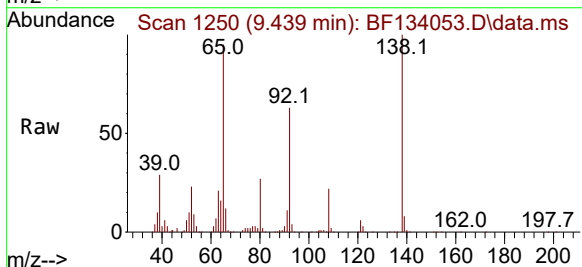
Manual Integrations
APPROVED

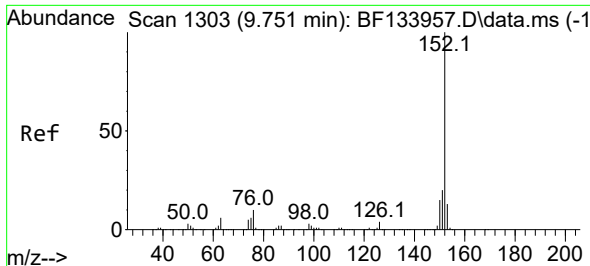
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#48
2-Nitroaniline
Concen: 40.623 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion: 65 Resp: 224159
Ion Ratio Lower Upper
65 100
92 65.9 49.5 74.3
138 105.0 78.0 117.0





#49

Acenaphthylene

Concen: 39.290 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134053.D

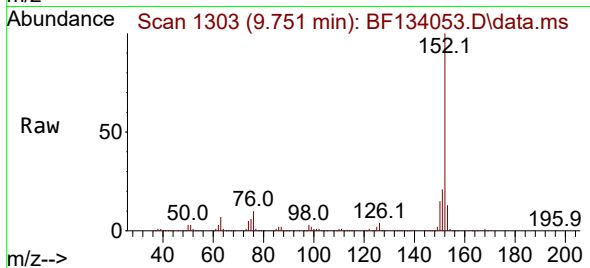
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS



Tgt Ion:152 Resp: 1016219

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

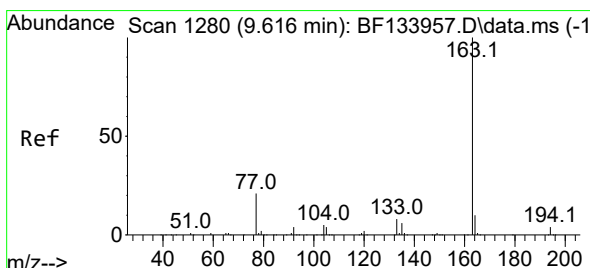
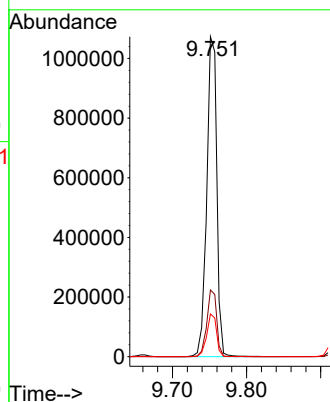
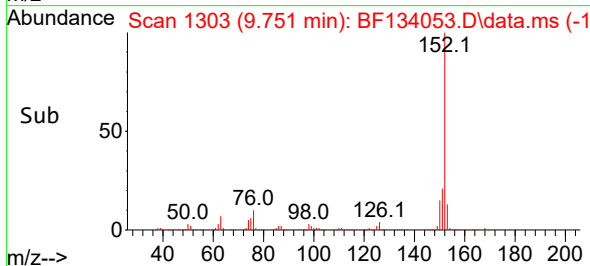
153 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#50

Dimethylphthalate

Concen: 40.256 ng

RT: 9.616 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

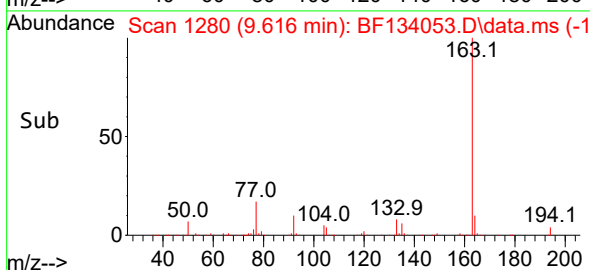
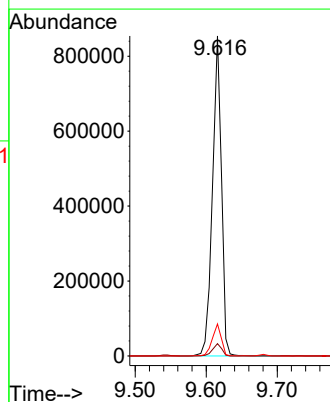
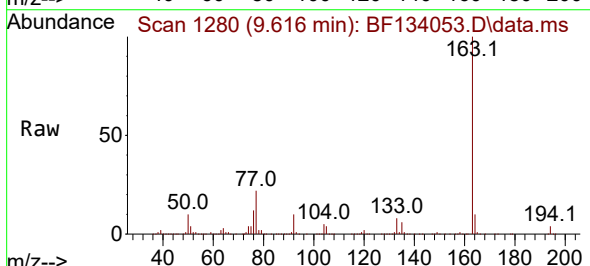
Tgt Ion:163 Resp: 753862

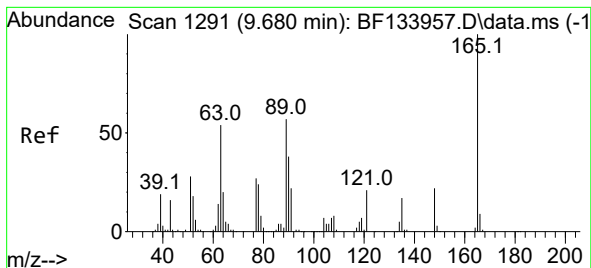
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.0 8.2 12.2





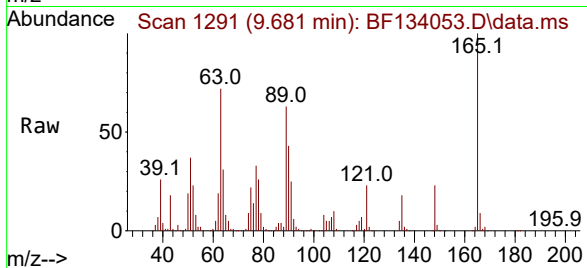
#51
2,6-Dinitrotoluene
Concen: 41.163 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

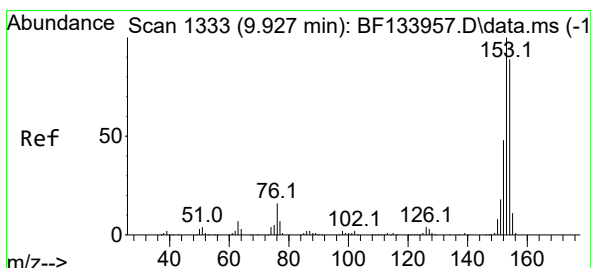
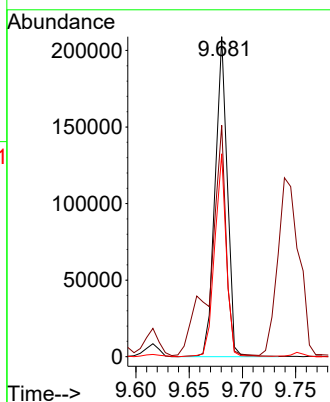
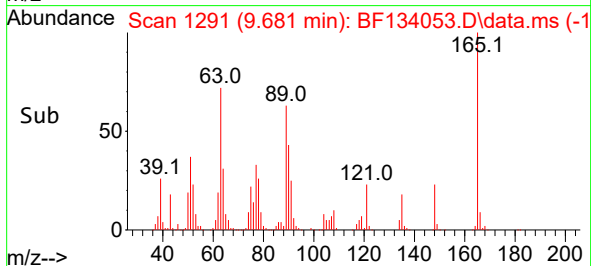
PB153881BS



Tgt Ion:165 Resp: 166020
Ion Ratio Lower Upper
165 100
63 72.3 48.5 72.7
89 63.4 45.5 68.3

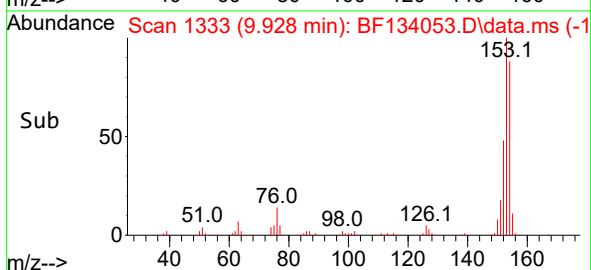
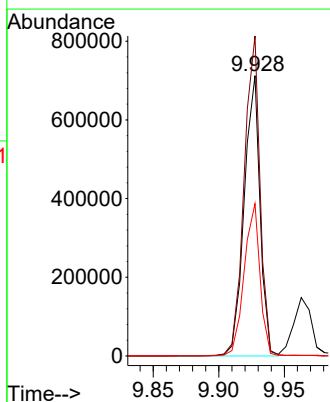
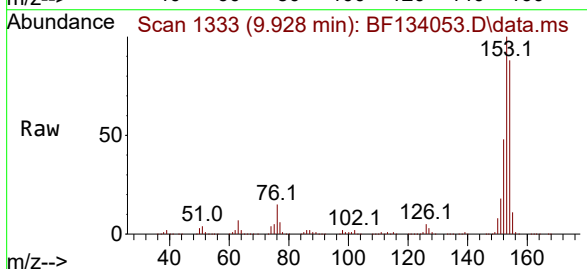
Manual Integrations
APPROVED

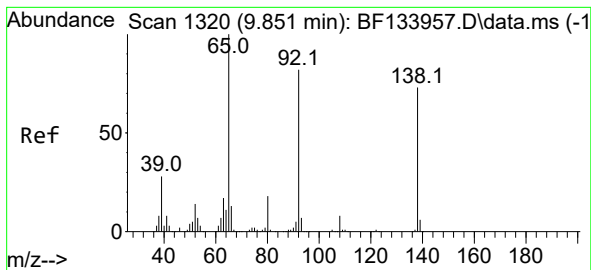
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#52
Acenaphthene
Concen: 39.970 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:154 Resp: 599868
Ion Ratio Lower Upper
154 100
153 114.2 89.4 134.2
152 54.4 42.8 64.2





#53
3-Nitroaniline
Concen: 21.608 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

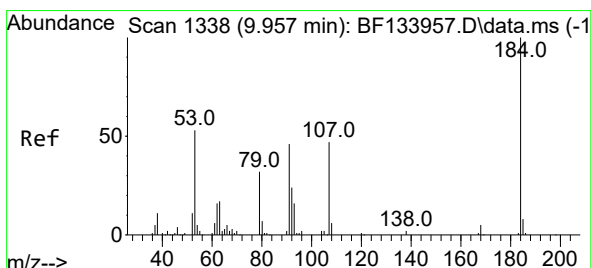
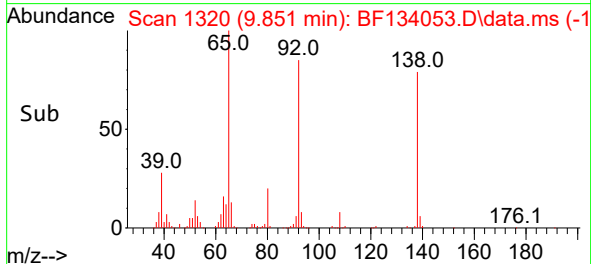
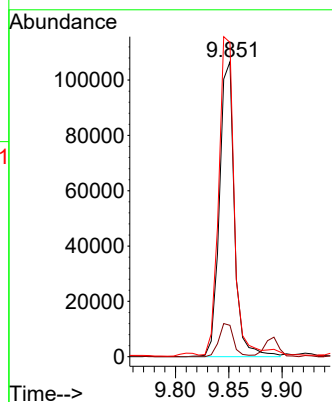
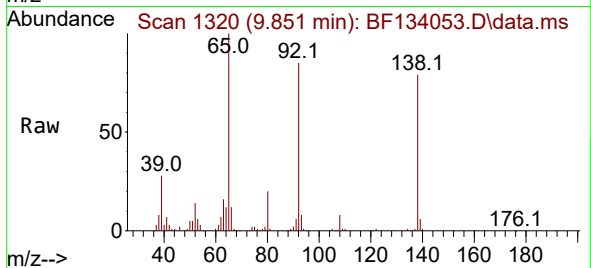
PB153881BS

Tgt Ion:138 Resp: 10455
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 106.6 90.1 135.1

Manual Integrations

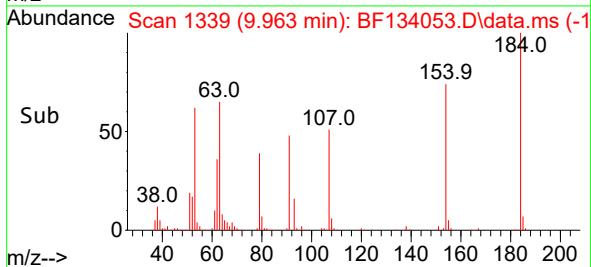
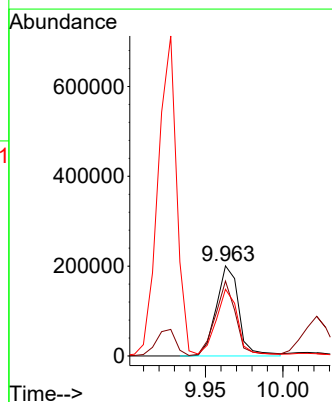
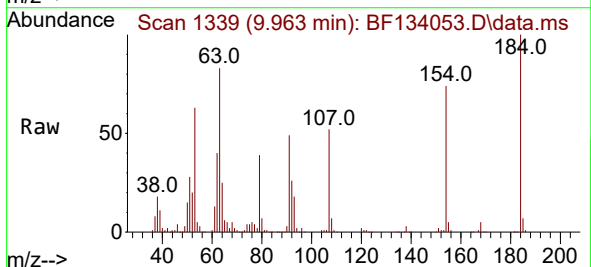
APPROVED

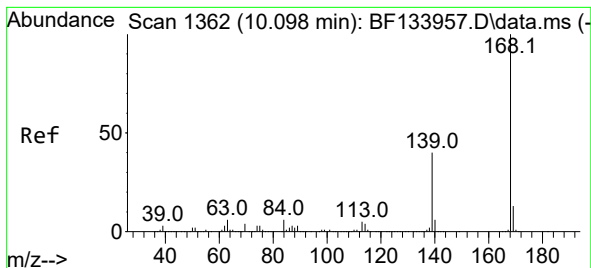
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#54
2,4-Dinitrophenol
Concen: 86.972 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

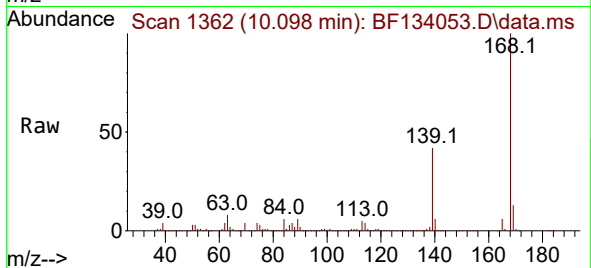
Tgt Ion:184 Resp: 203408
Ion Ratio Lower Upper
184 100
63 83.1 56.9 85.3
154 74.1 55.4 83.0





#55
Dibenzenofuran
Concen: 38.960 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

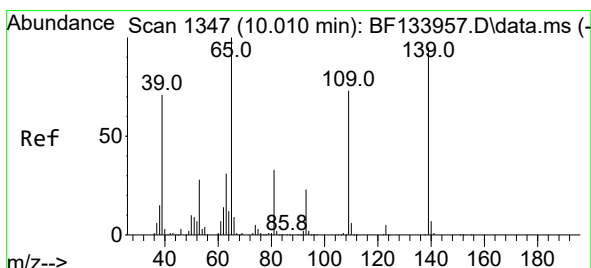
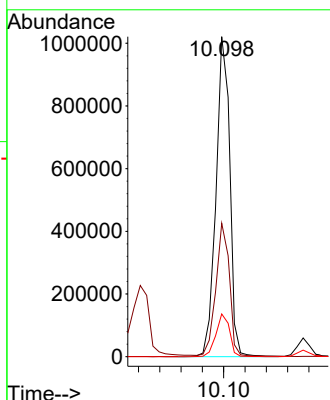
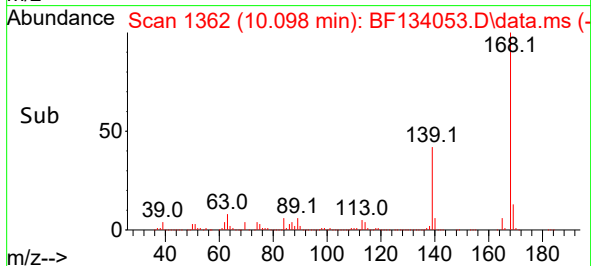
Instrument :
BNA_F
ClientSampleId :
PB153881BS



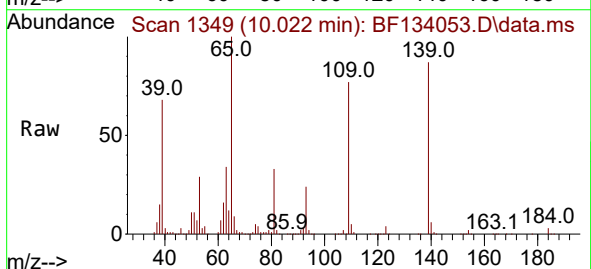
Tgt Ion:168 Resp: 913819
Ion Ratio Lower Upper
168 100
139 41.7 32.0 48.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

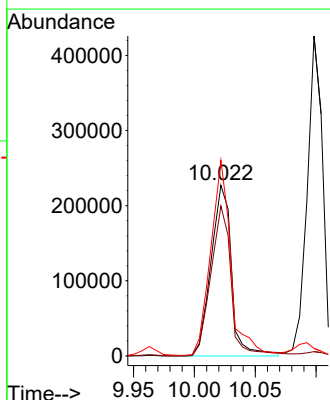
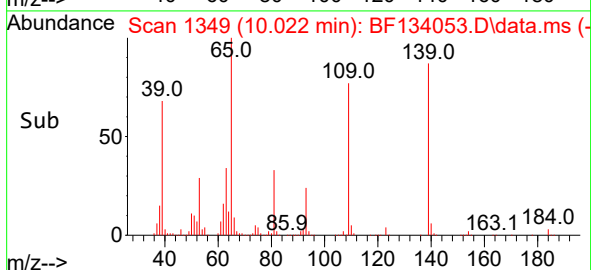
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

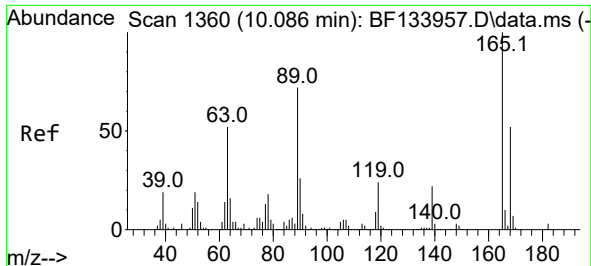


#56
4-Nitrophenol
Concen: 78.574 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion:139 Resp: 265943
Ion Ratio Lower Upper
139 100
109 87.8 56.8 96.8
65 114.6 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 40.762 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

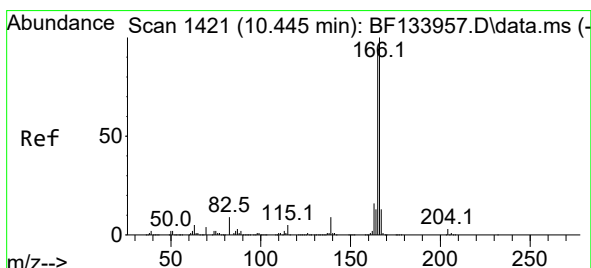
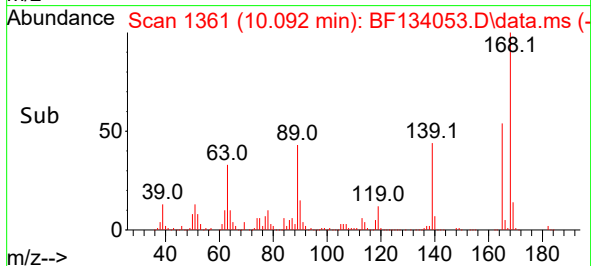
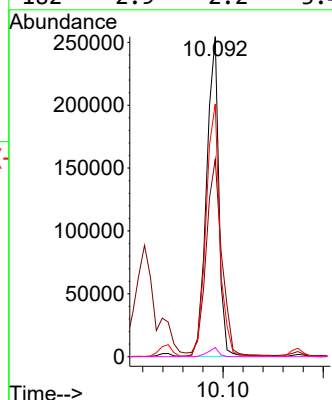
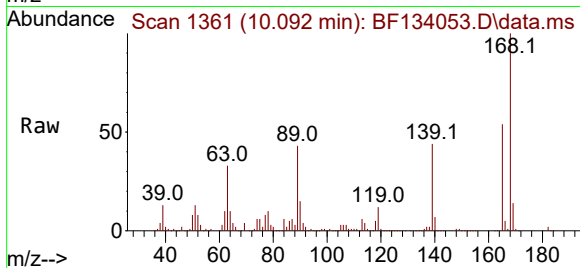
PB153881BS

Tgt Ion:165 Resp: 217124
Ion Ratio Lower Upper
165 100
63 61.7 42.2 63.2
89 79.0 57.4 86.2
182 2.9 2.2 3.4

Manual Integrations

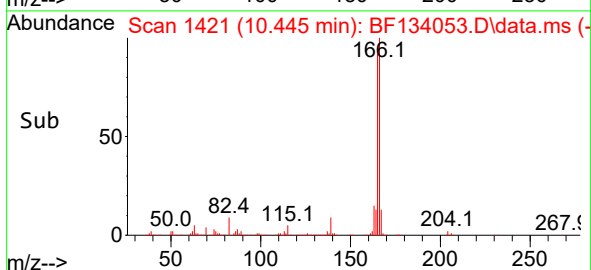
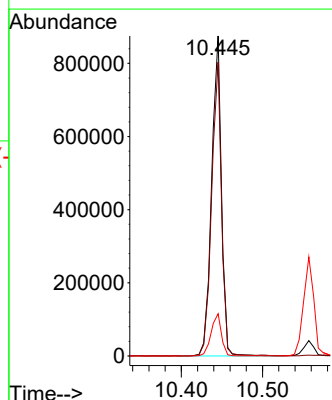
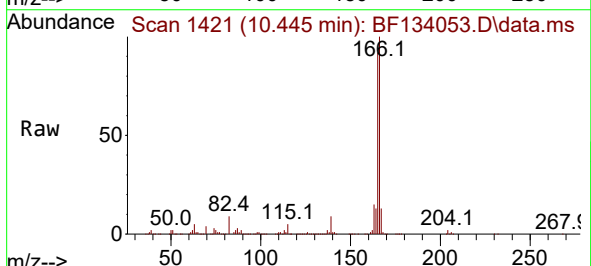
APPROVED

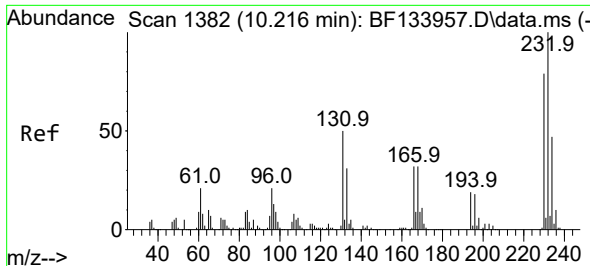
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#58
Fluorene
Concen: 40.089 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

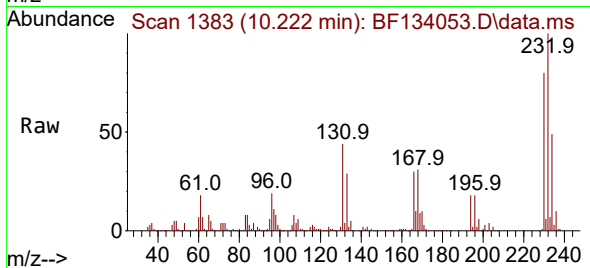
Tgt Ion:166 Resp: 731542
Ion Ratio Lower Upper
166 100
165 91.8 75.0 112.4
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.026 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

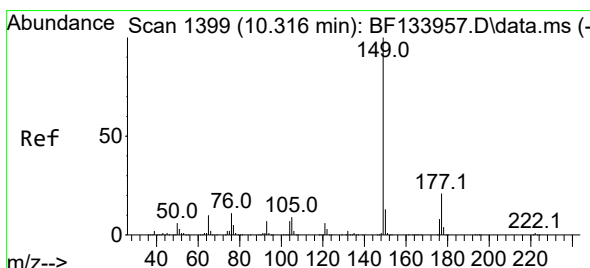
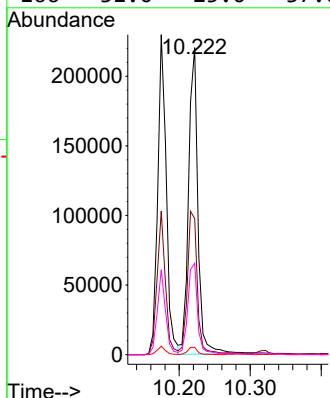
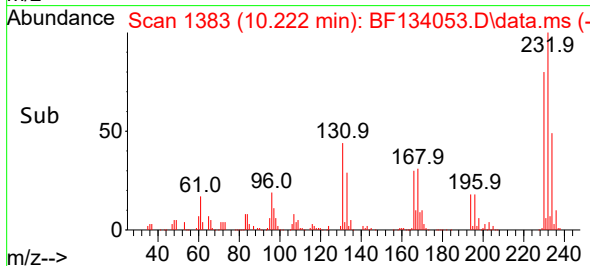
Instrument :
BNA_F
ClientSampleId :
PB153881BS



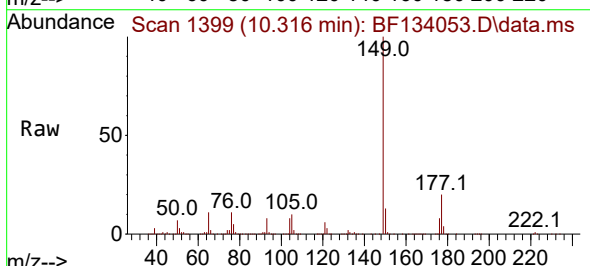
Tgt Ion:232 Resp: 20288
Ion Ratio Lower Upper
232 100
131 49.3 39.3 58.9
130 2.6 1.8 2.6
166 31.0 25.0 37.6

Manual Integrations
APPROVED

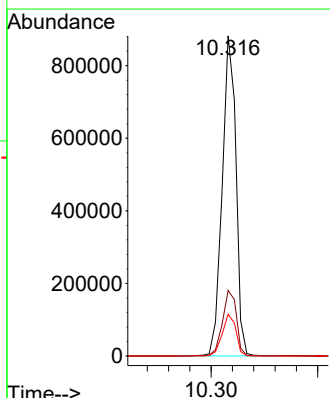
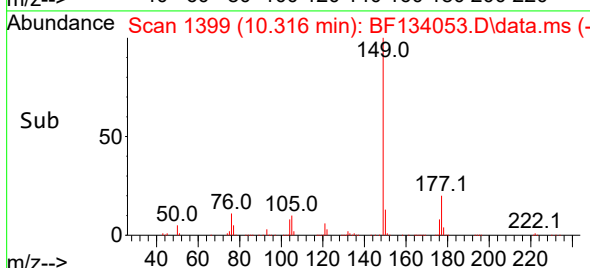
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

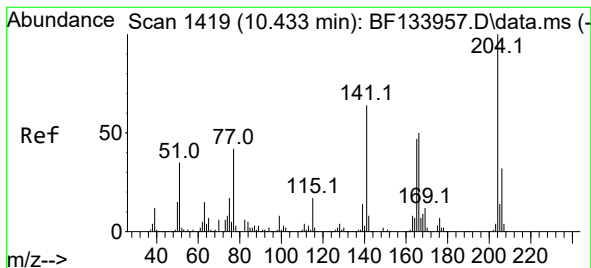


#60
Diethylphthalate
Concen: 40.398 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



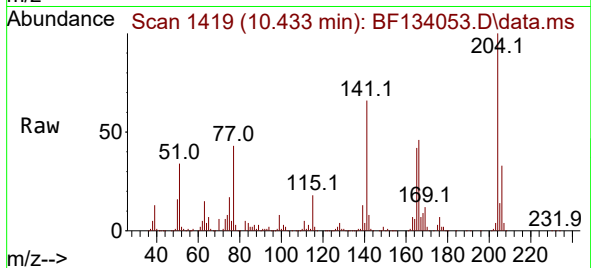
Tgt Ion:149 Resp: 788178
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.123 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

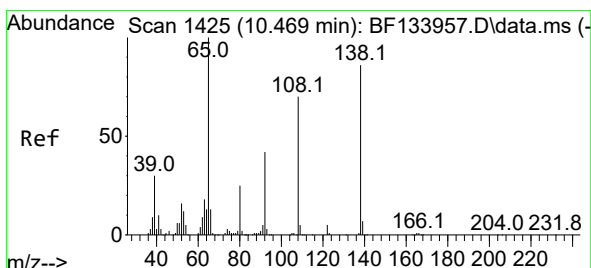
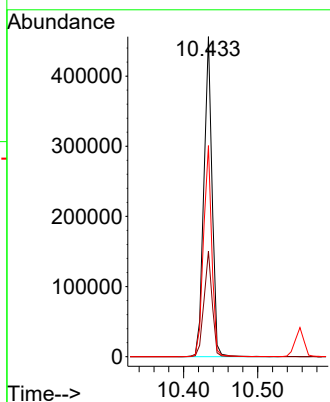
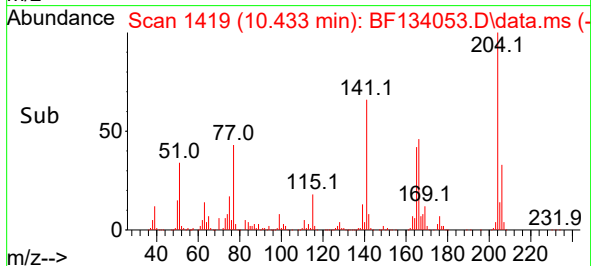
Instrument :
BNA_F
ClientSampleId :
PB153881BS



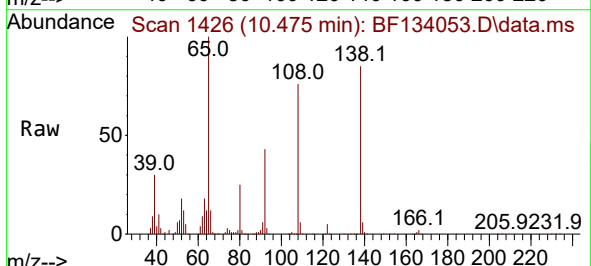
Tgt Ion:204 Resp: 352835
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 66.0 51.5 77.3

Manual Integrations
APPROVED

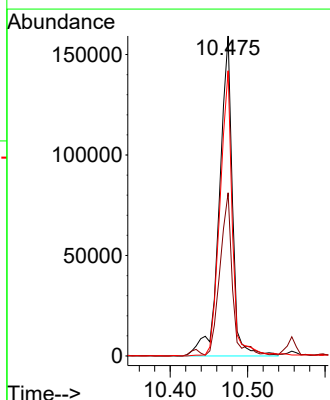
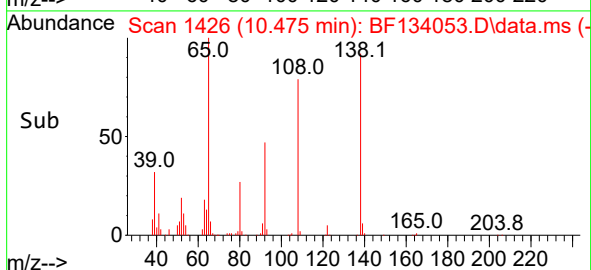
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

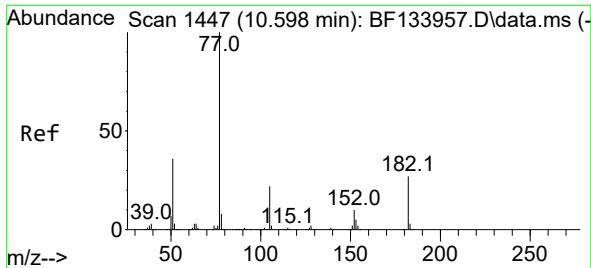


#62
4-Nitroaniline
Concen: 38.326 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



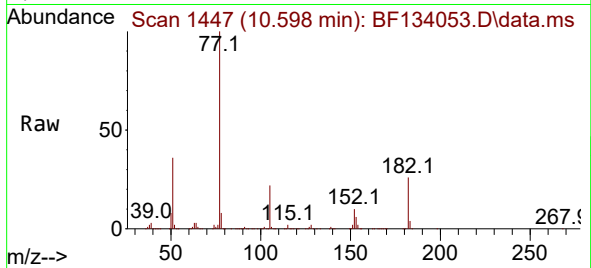
Tgt Ion:138 Resp: 186893
Ion Ratio Lower Upper
138 100
92 51.0 29.7 69.7
108 89.1 62.1 102.1





#63
Azobenzene
Concen: 39.989 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

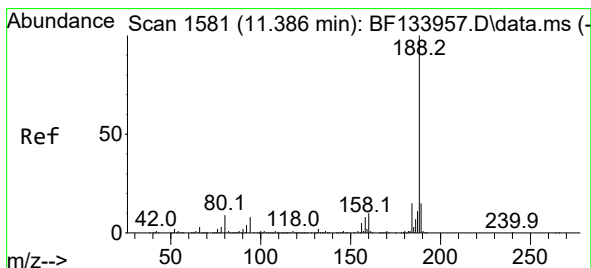
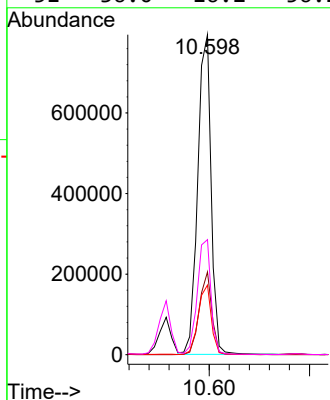
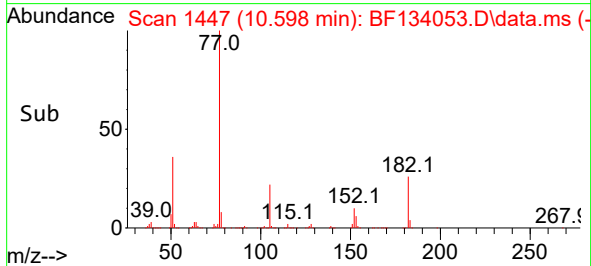
Instrument :
BNA_F
ClientSampleId :
PB153881BS



Tgt Ion: 77 Resp: 737989
Ion Ratio Lower Upper
77 100
182 25.9 6.8 46.8
105 21.7 2.3 42.3
51 36.0 16.2 56.2

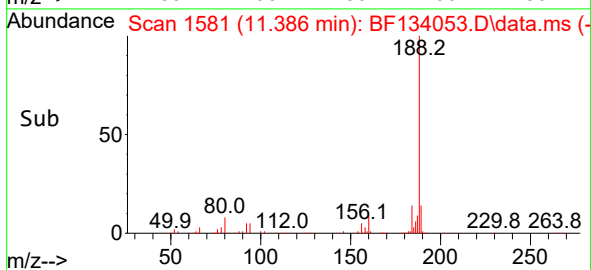
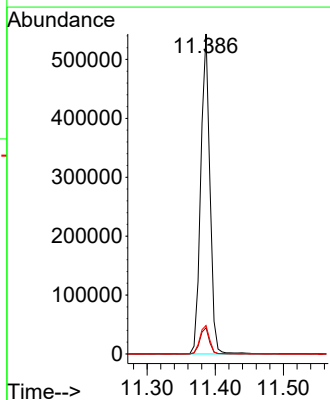
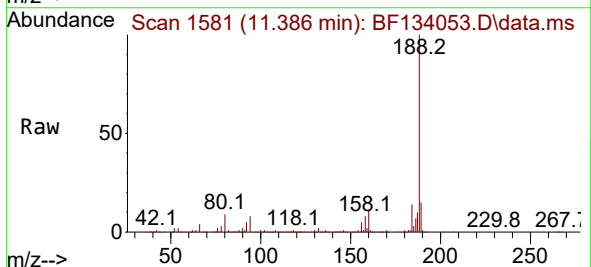
Manual Integrations
APPROVED

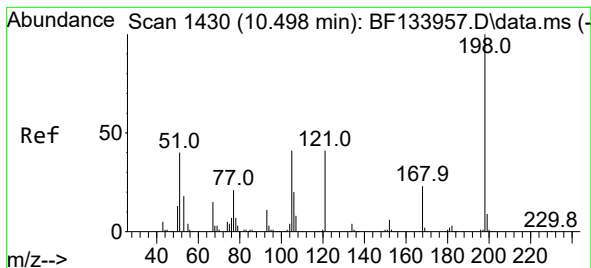
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:188 Resp: 507453
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.9 7.3 10.9





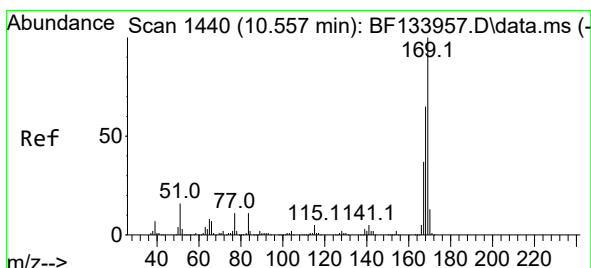
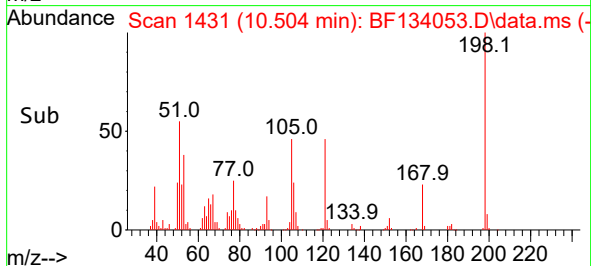
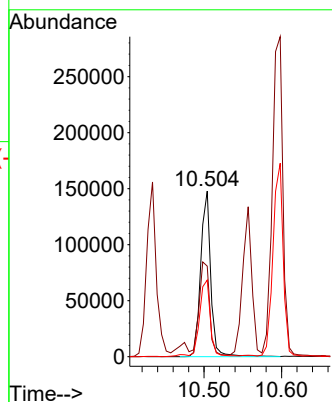
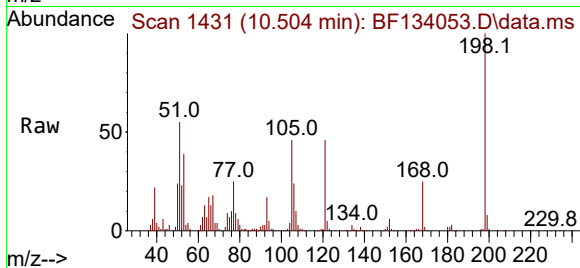
#65
4,6-Dinitro-2-methylphenol
Concen: 48.039 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :
BNA_F
ClientSampleId :
PB153881BS

Tgt Ion:198 Resp: 132900
Ion Ratio Lower Upper
198 100
51 54.7 29.3 69.3
105 46.3 22.4 62.4

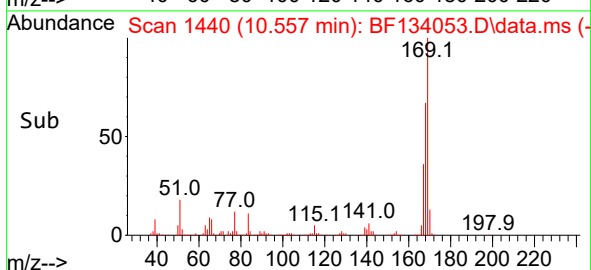
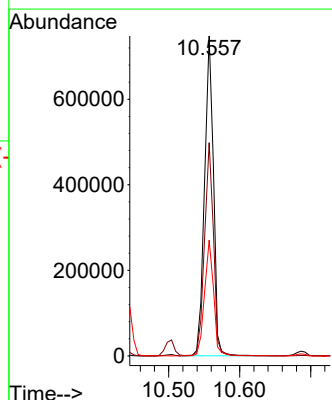
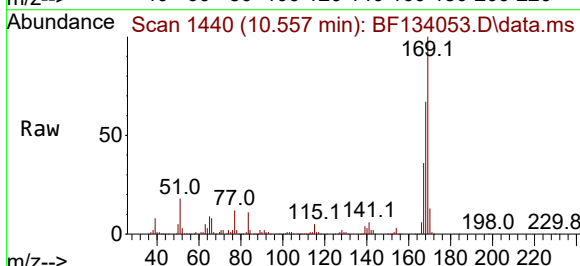
Manual Integrations
APPROVED

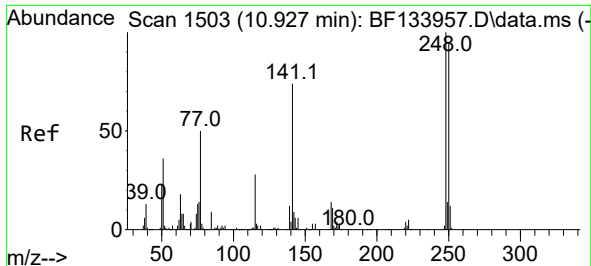
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#66
n-Nitrosodiphenylamine
Concen: 40.342 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:169 Resp: 654081
Ion Ratio Lower Upper
169 100
168 66.6 52.3 78.5
167 36.2 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 41.103 ng

RT: 10.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

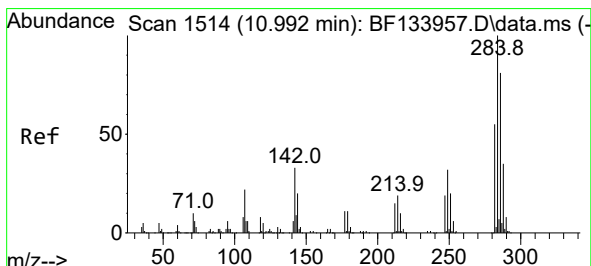
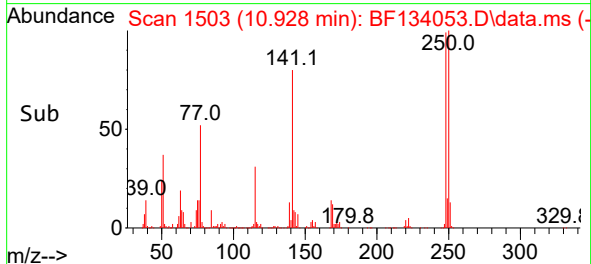
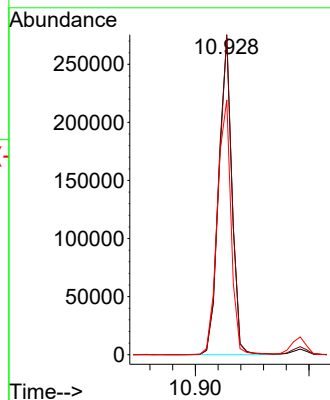
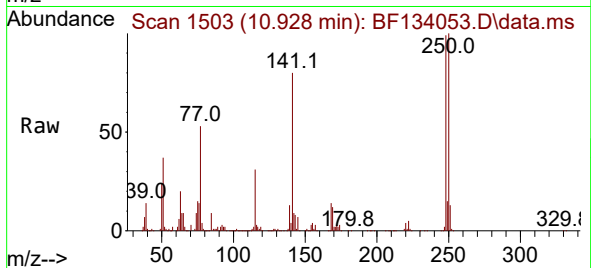
Tgt Ion:248 Resp: 221692
 Ion Ratio Lower Upper
 248 100
 250 101.0 76.2 114.4
 141 80.4 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#68

Hexachlorobenzene

Concen: 44.221 ng

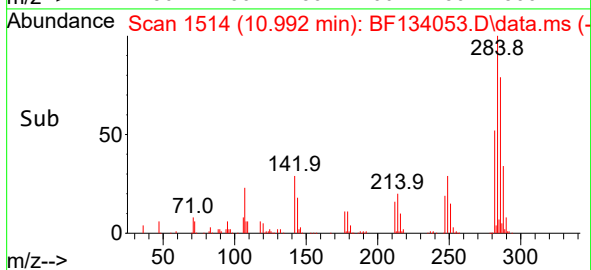
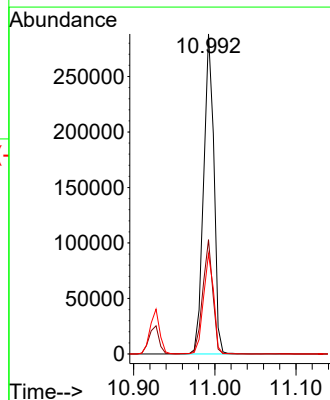
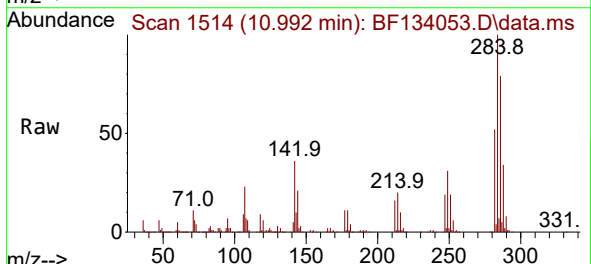
RT: 10.992 min Scan# 1514

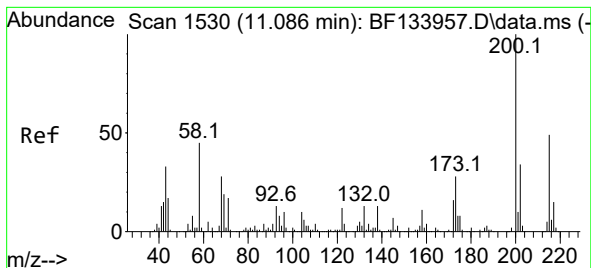
Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Tgt Ion:284 Resp: 253244
 Ion Ratio Lower Upper
 284 100
 142 35.7 26.6 40.0
 249 31.3 25.5 38.3





#69

Atrazine

Concen: 43.255 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

Tgt Ion:200 Resp: 19398

Ion Ratio Lower Upper

200 100

173 28.6 8.0 48.0

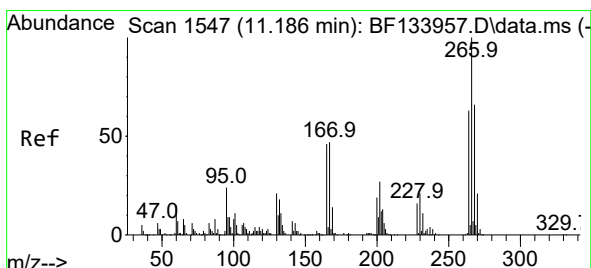
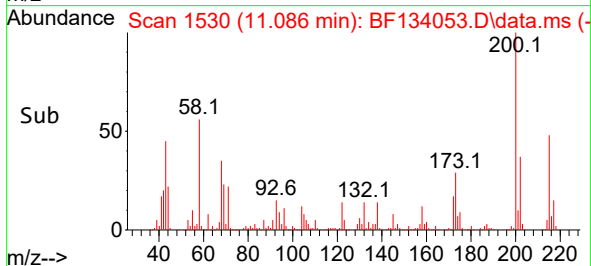
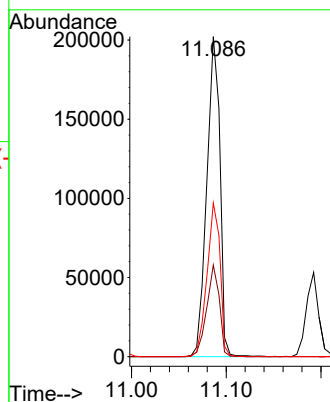
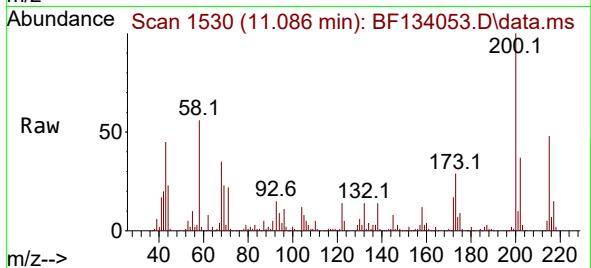
215 48.1 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#70

Pentachlorophenol

Concen: 76.933 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

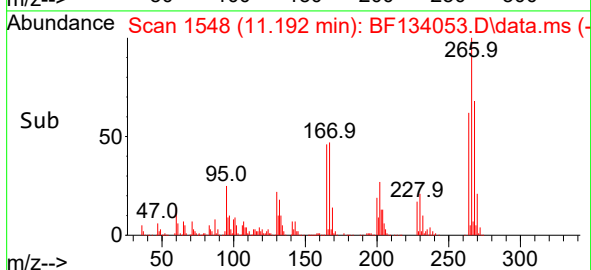
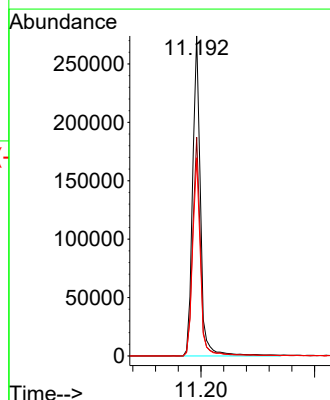
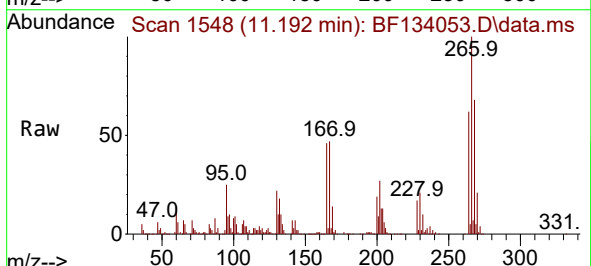
Tgt Ion:266 Resp: 263428

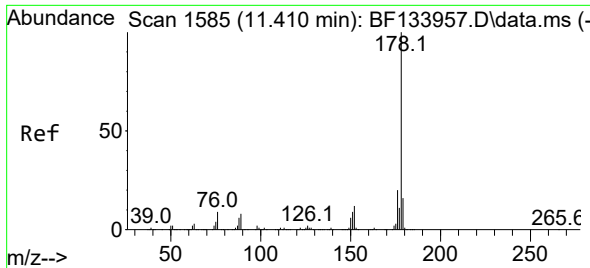
Ion Ratio Lower Upper

266 100

268 68.4 52.6 79.0

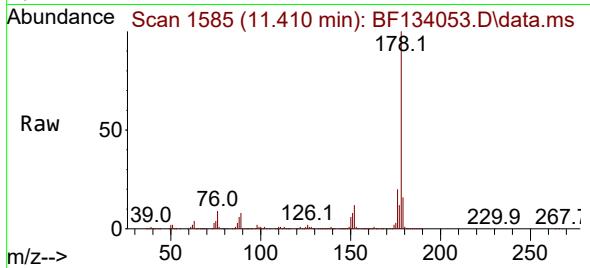
264 62.0 50.6 76.0





#71
Phenanthrene
Concen: 41.272 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

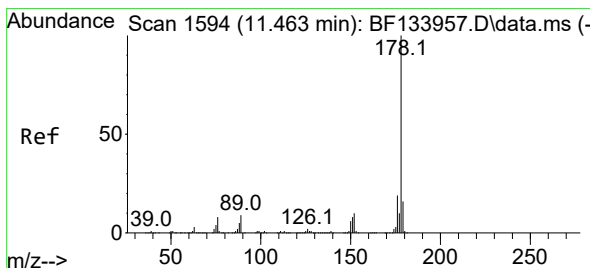
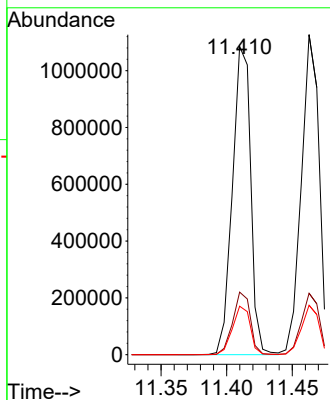
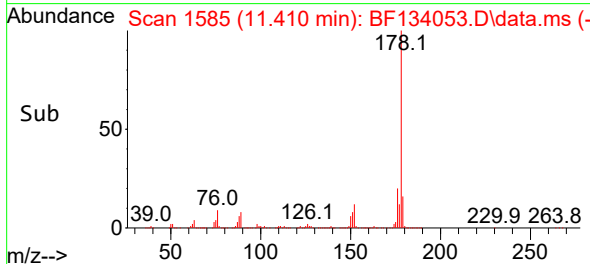
Instrument :
BNA_F
ClientSampleId :
PB153881BS



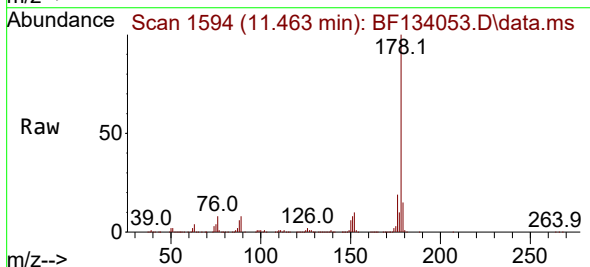
Tgt Ion:178 Resp: 1054329
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.7 12.4 18.6

Manual Integrations
APPROVED

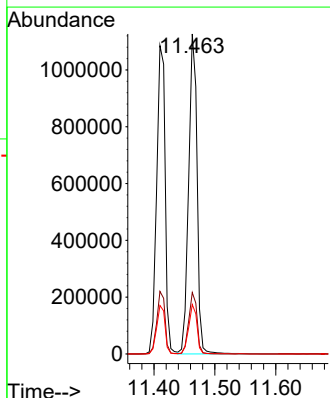
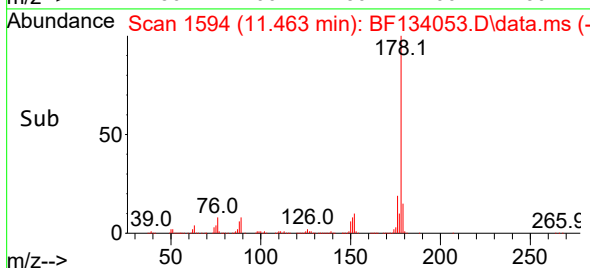
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

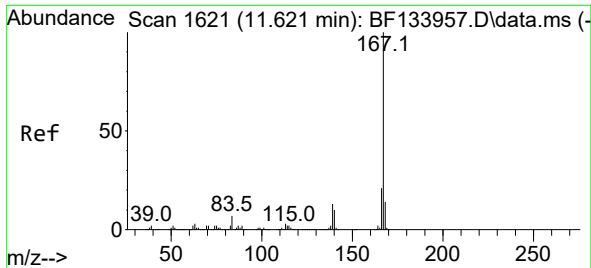


#72
Anthracene
Concen: 40.627 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion:178 Resp: 1079489
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.4 18.6





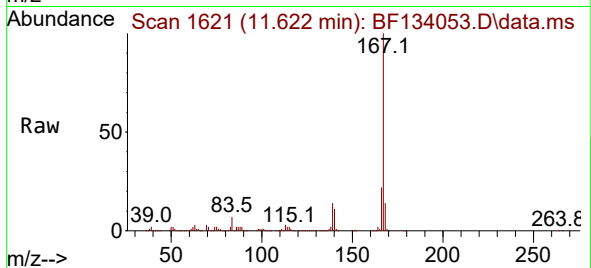
#73
 Carbazole
 Concen: 42.010 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF134053.D
 Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS



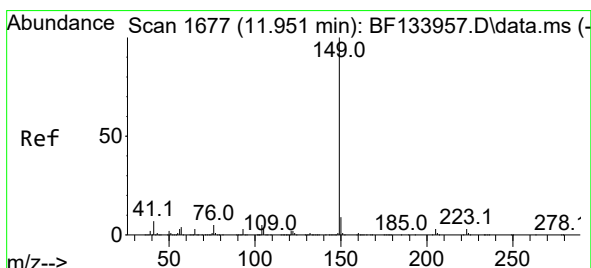
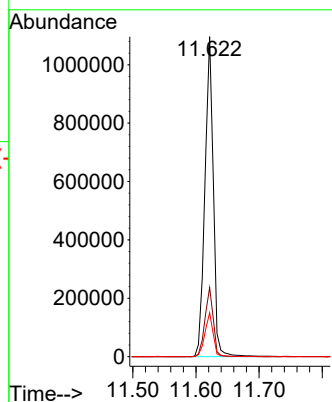
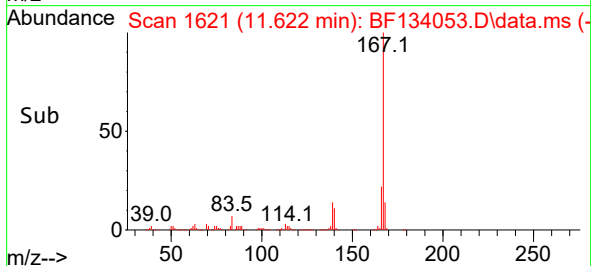
Tgt Ion:167 Resp: 1021699
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.7 10.4 15.6

Manual Integrations

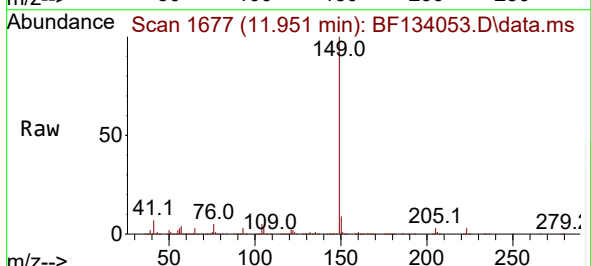
APPROVED

Reviewed By :Yogesh Patel 07/03/2023

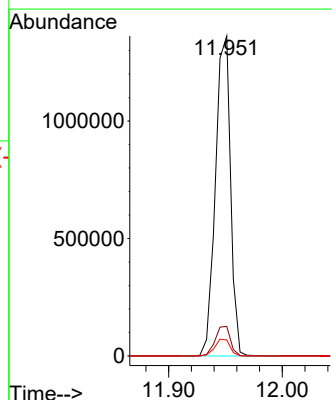
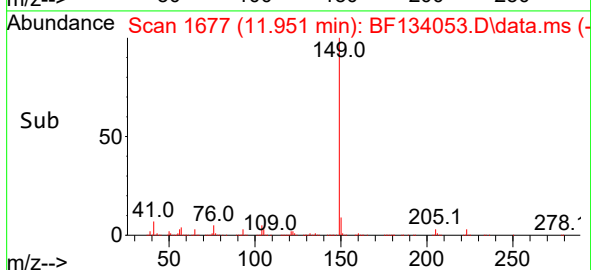
Supervised By :mohammad ahmed 07/07/2023

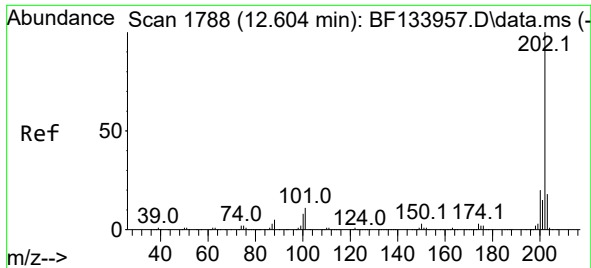


#74
 Di-n-butylphthalate
 Concen: 43.505 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF134053.D
 Acq: 30 Jun 2023 15:21



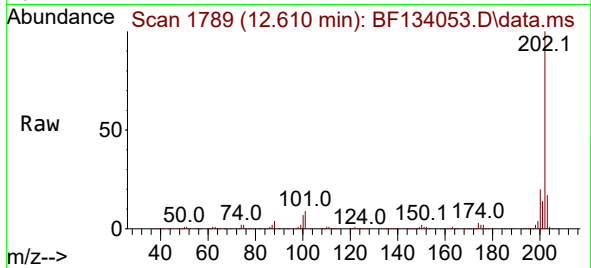
Tgt Ion:149 Resp: 1258241
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 42.121 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

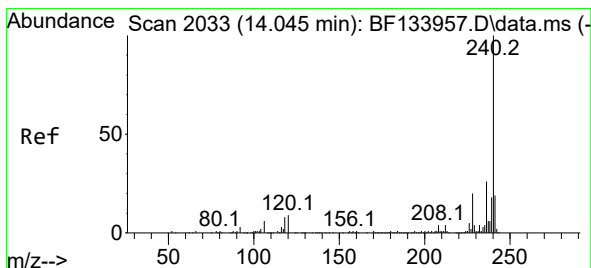
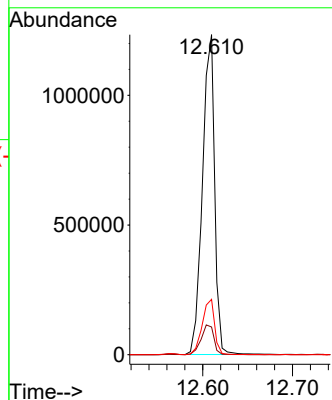
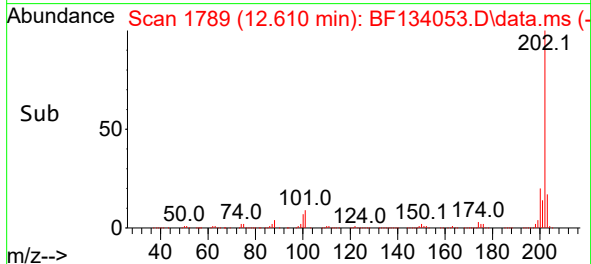
Instrument :
BNA_F
ClientSampleId :
PB153881BS



Tgt Ion:202 Resp: 116327
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.0
203 17.3 0.0 37.6

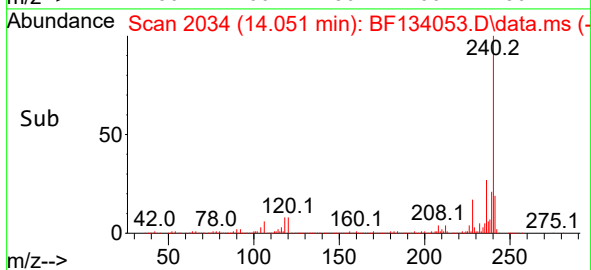
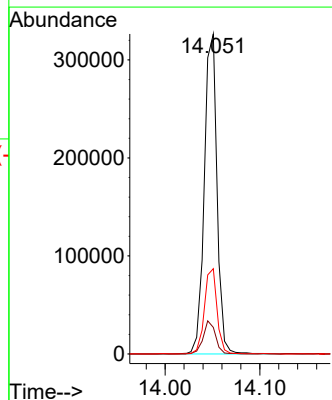
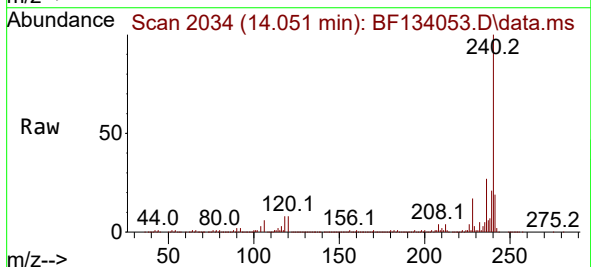
Manual Integrations
APPROVED

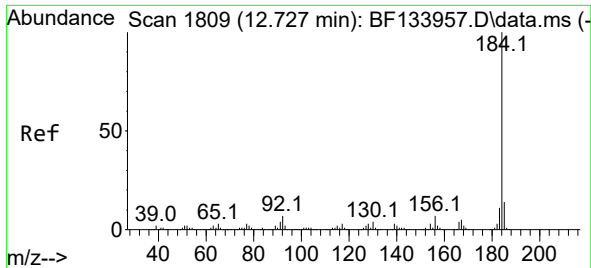
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

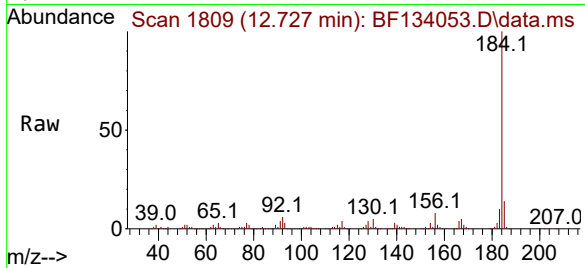
Tgt Ion:240 Resp: 303913
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 26.6 21.0 31.6





#77
Benzidine
Concen: 26.306 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

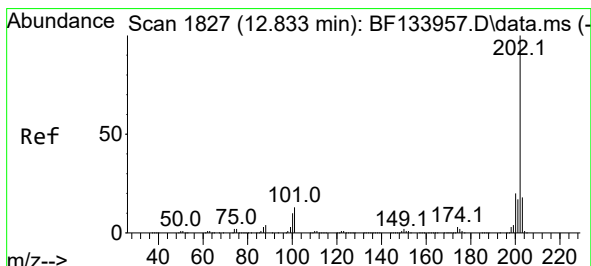
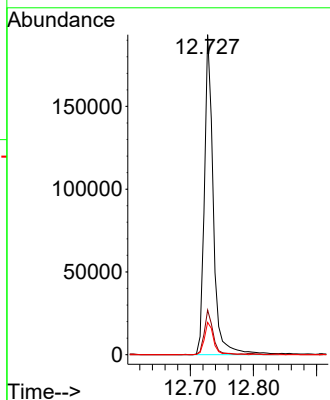
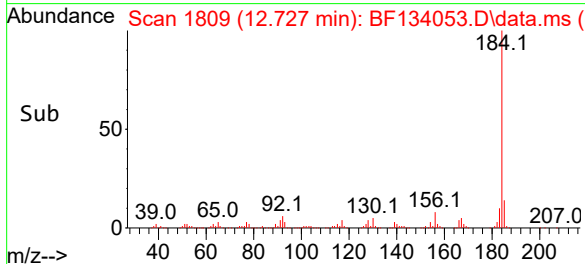
Instrument :
BNA_F
ClientSampleId :
PB153881BS



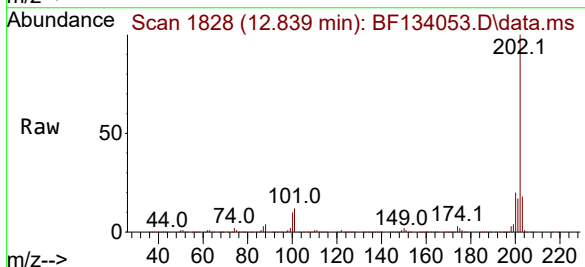
Tgt Ion:184 Resp: 190233
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 10.1 8.8 13.2

Manual Integrations
APPROVED

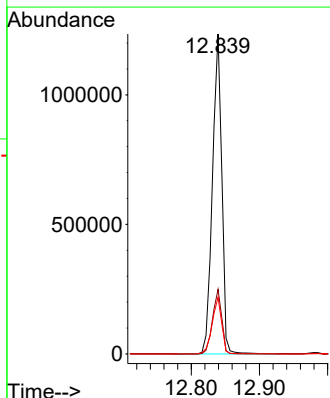
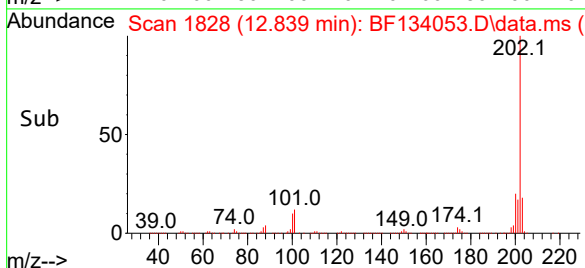
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

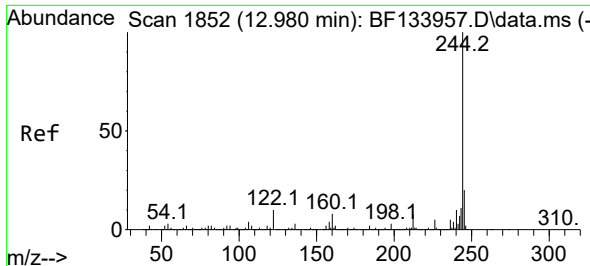


#78
Pyrene
Concen: 41.622 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion:202 Resp: 1177196
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.7 14.3 21.5





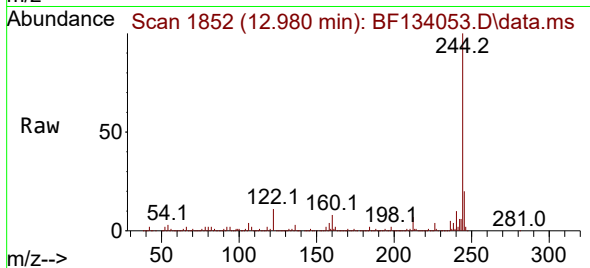
#79
 Terphenyl-d14
 Concen: 86.476 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134053.D
 Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

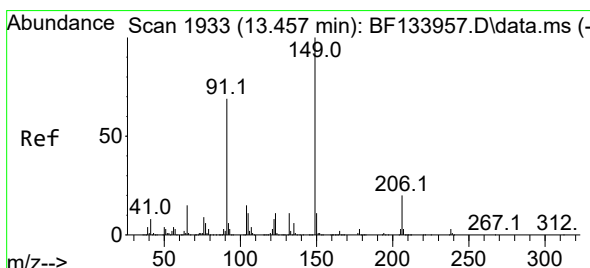
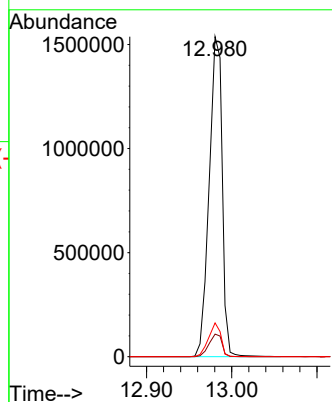
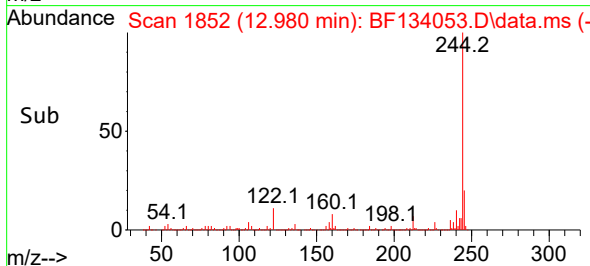


Tgt Ion:244 Resp: 1632952
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.5 8.3 12.5

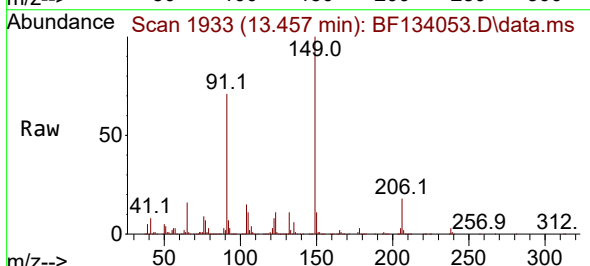
Manual Integrations

APPROVED

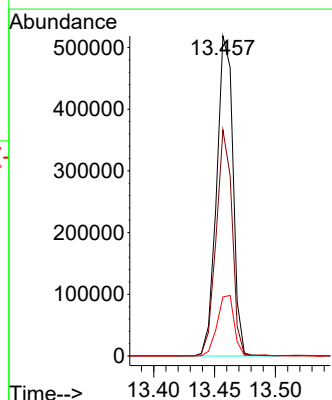
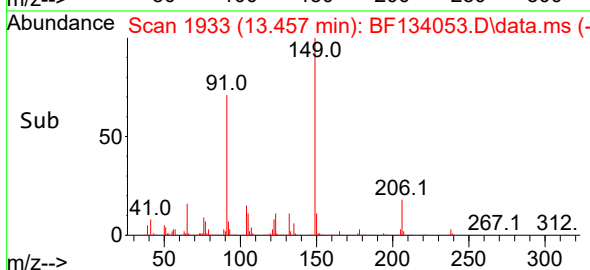
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/07/2023

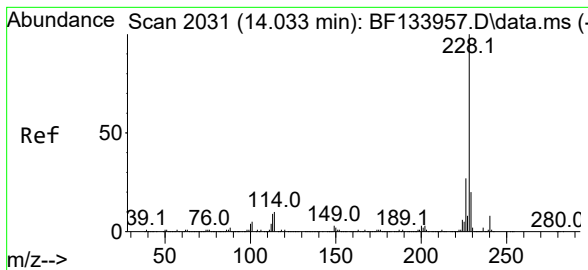


#80
 Butylbenzylphthalate
 Concen: 45.794 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF134053.D
 Acq: 30 Jun 2023 15:21



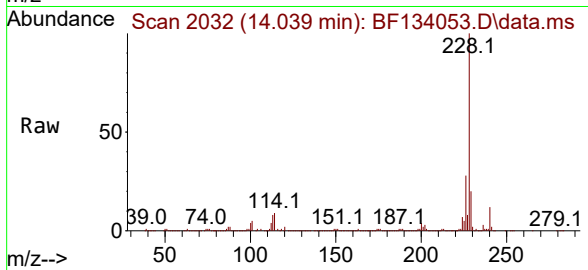
Tgt Ion:149 Resp: 485766
 Ion Ratio Lower Upper
 149 100
 91 70.7 55.1 82.7
 206 18.5 15.7 23.5





#81
Benzo(a)anthracene
Concen: 42.418 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

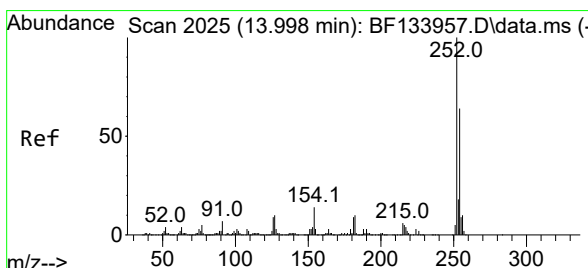
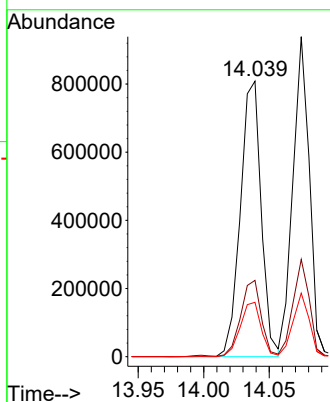
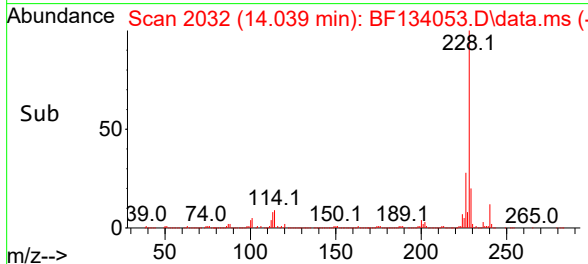
Instrument :
BNA_F
ClientSampleId :
PB153881BS



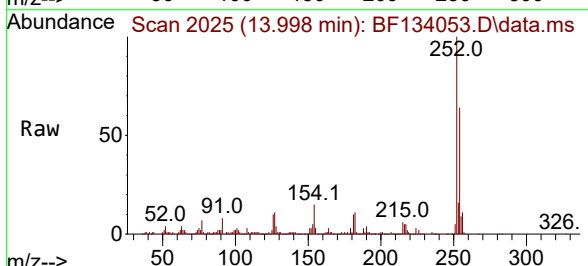
Tgt Ion:228 Resp: 89404
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 19.7 16.3 24.5

Manual Integrations
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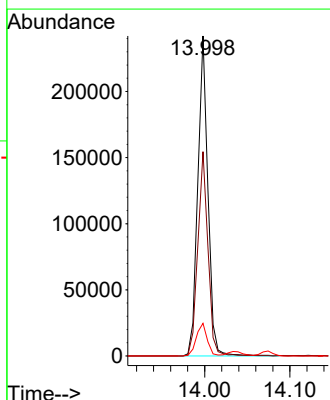
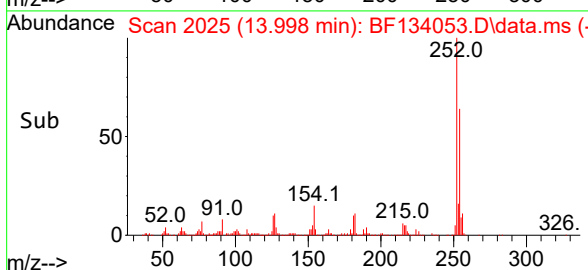
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

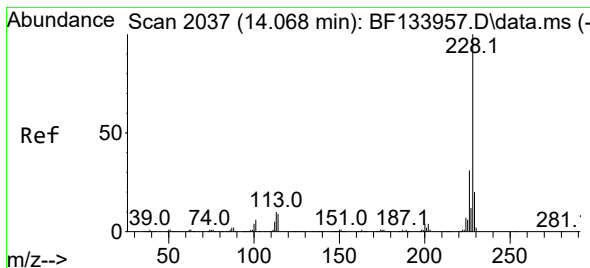


#82
3,3'-Dichlorobenzidine
Concen: 30.026 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion:252 Resp: 200503
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.0
126 10.2 7.4 11.2





#83

Chrysene

Concen: 40.588 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134053.D

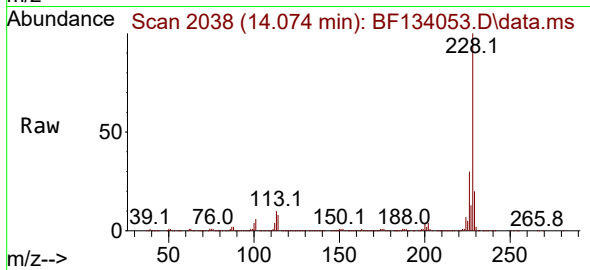
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS



Tgt Ion:228 Resp: 82857

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

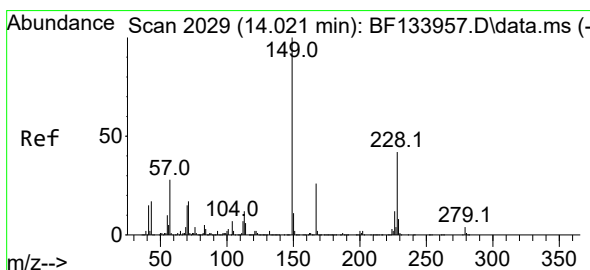
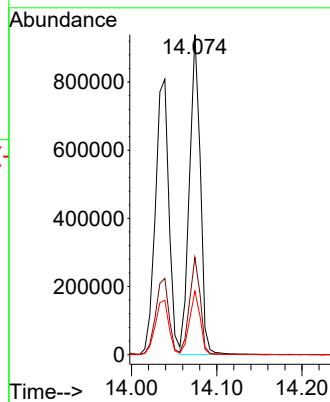
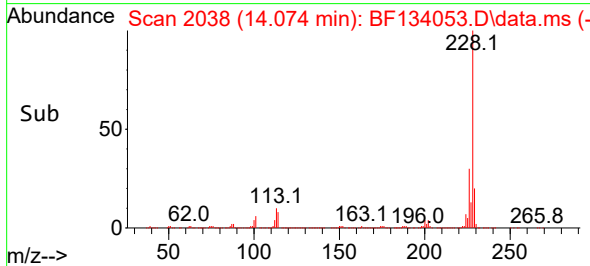
229 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.947 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

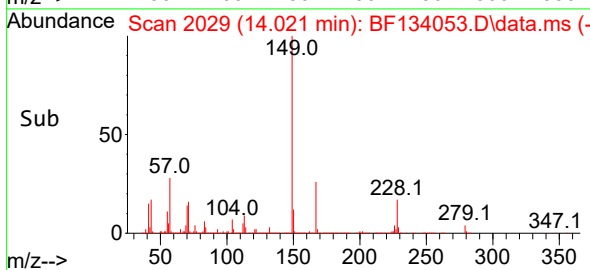
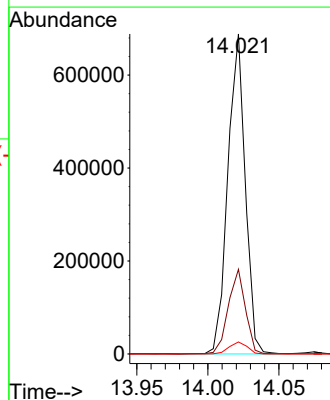
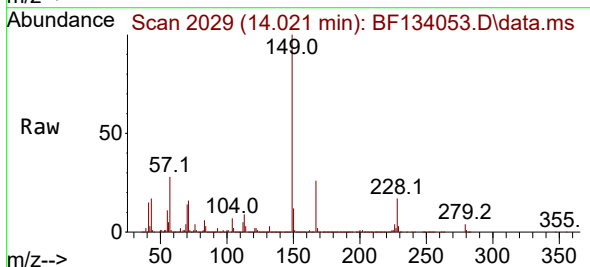
Tgt Ion:149 Resp: 584409

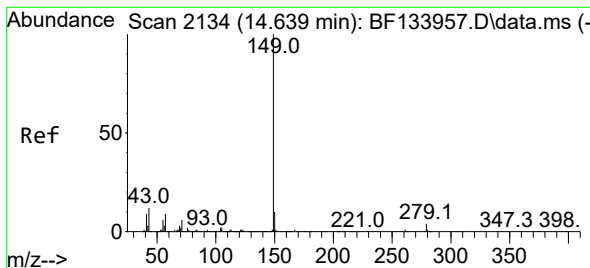
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

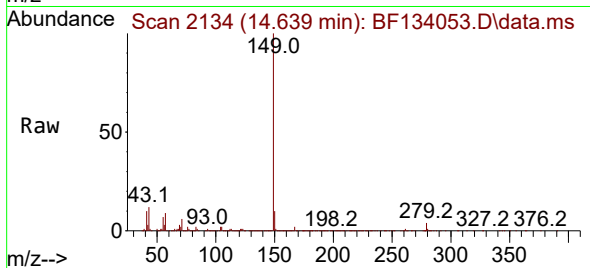
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 44.592 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

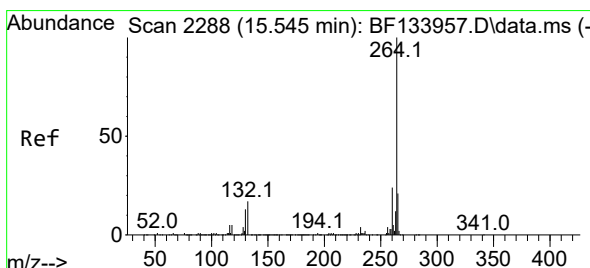
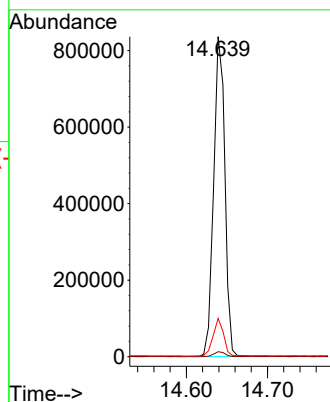
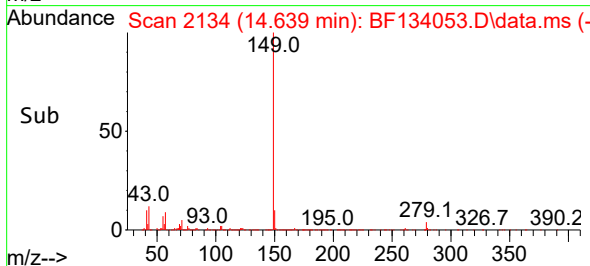
Instrument :
BNA_F
ClientSampleId :
PB153881BS



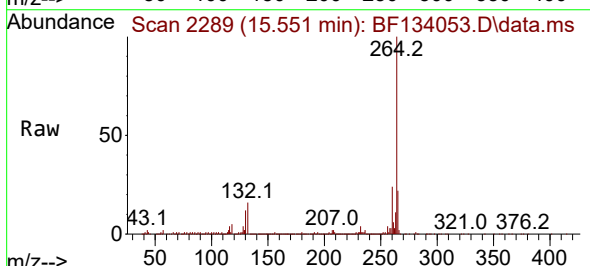
Tgt Ion:149 Resp: 798625
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.1 9.0 13.4

Manual Integrations
APPROVED

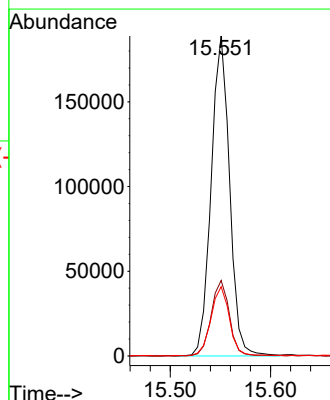
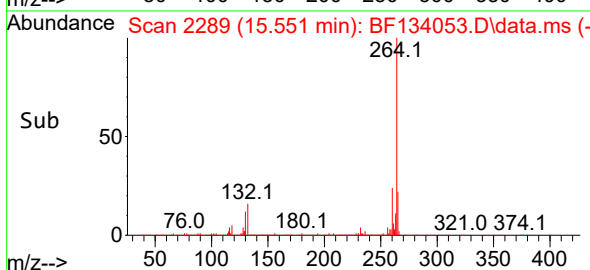
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

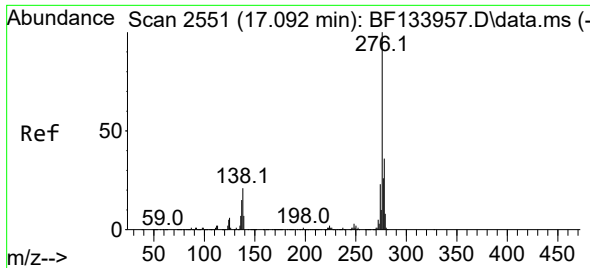


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21



Tgt Ion:264 Resp: 241446
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.7 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.080 ng
RT: 17.110 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

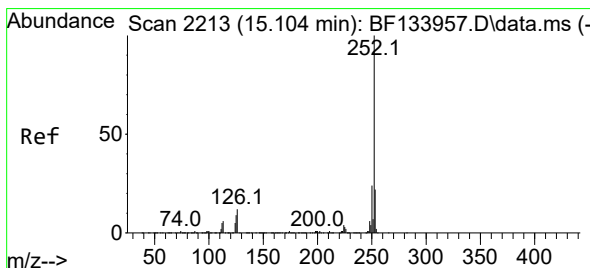
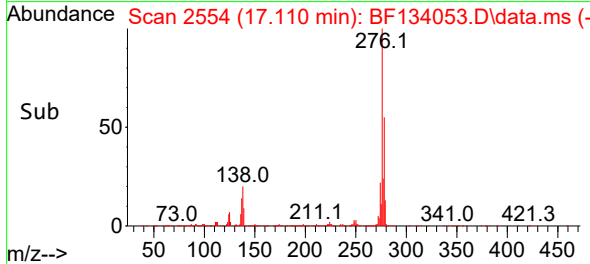
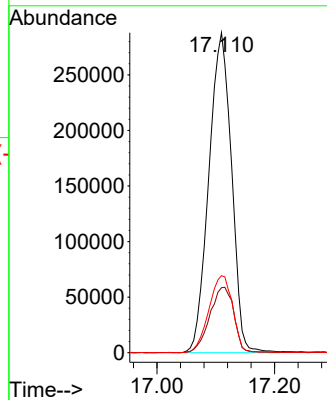
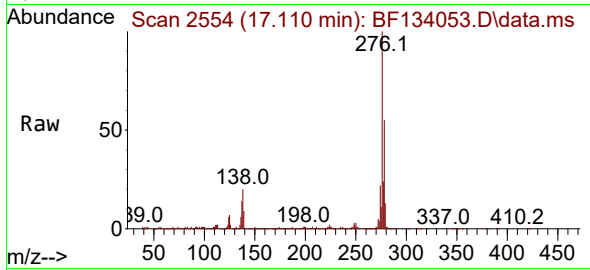
PB153881BS

Tgt Ion:276 Resp: 772010
Ion Ratio Lower Upper
276 100
138 21.9 18.7 28.1
277 25.2 19.9 29.9

Manual Integrations

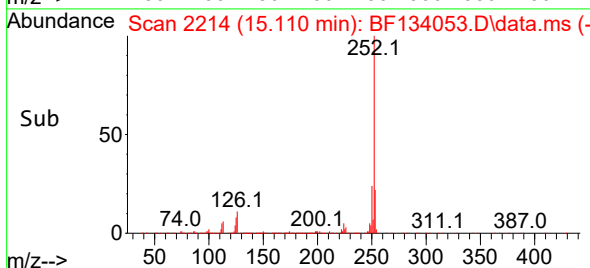
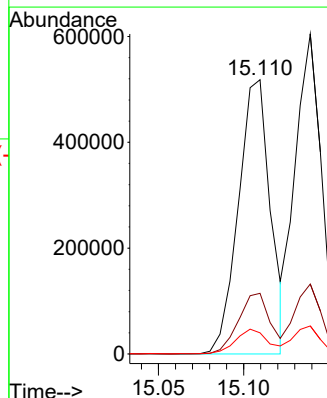
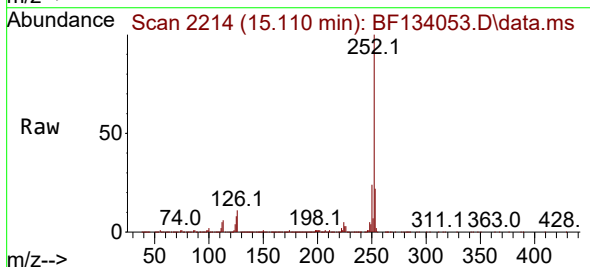
APPROVED

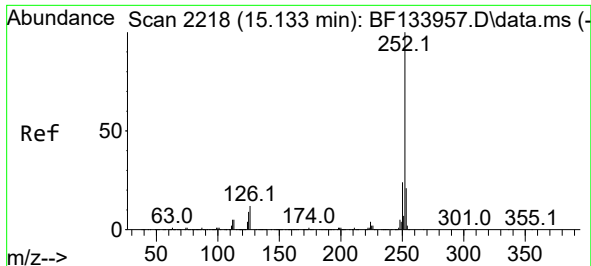
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#88
Benzo(b)fluoranthene
Concen: 47.764 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BF134053.D
Acq: 30 Jun 2023 15:21

Tgt Ion:252 Resp: 678111
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 7.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.055 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

Tgt Ion:252 Resp: 651274

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

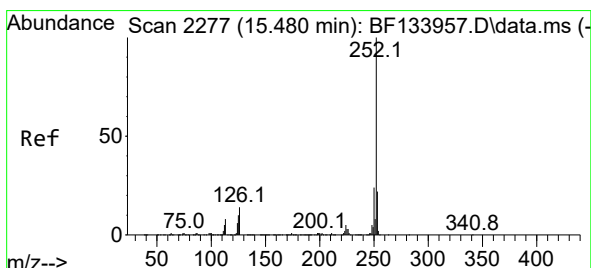
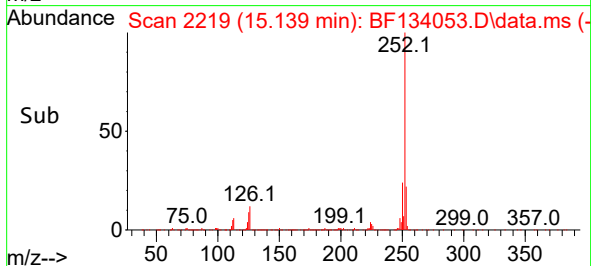
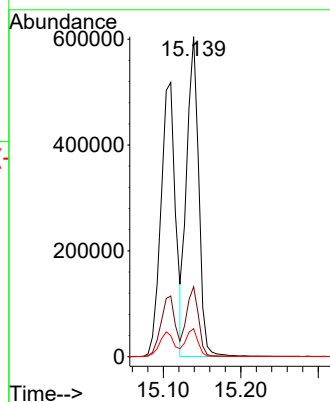
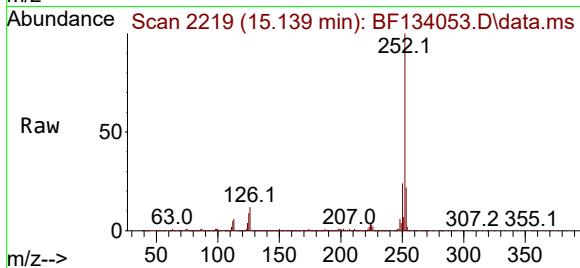
125 8.8 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#90

Benzo(a)pyrene

Concen: 42.288 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

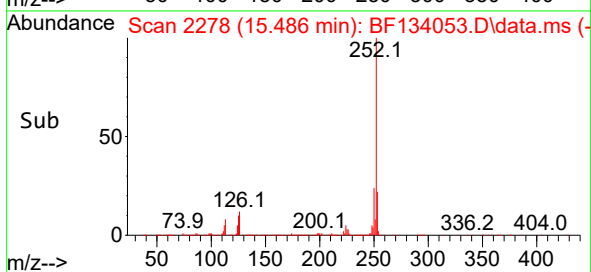
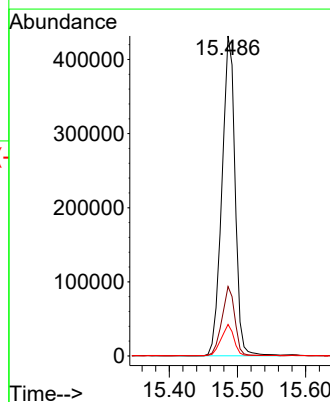
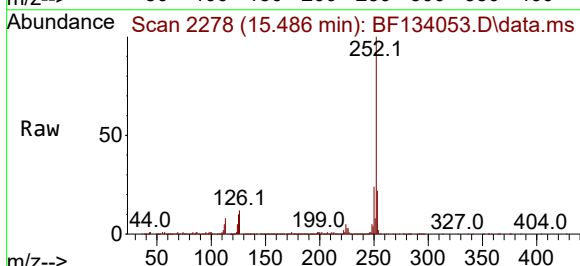
Tgt Ion:252 Resp: 580559

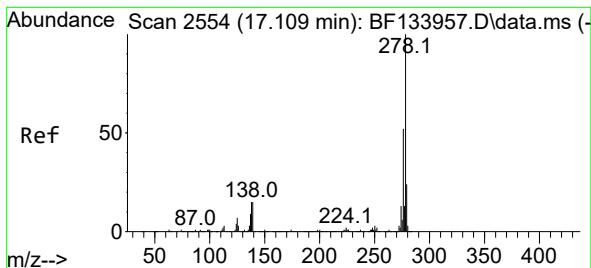
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.9 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 45.885 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

PB153881BS

Tgt Ion:278 Resp: 62790

Ion Ratio Lower Upper

278 100

139 13.8 12.2 18.4

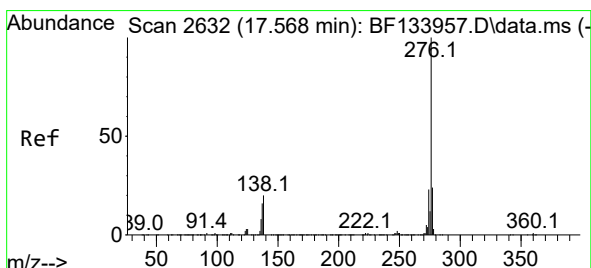
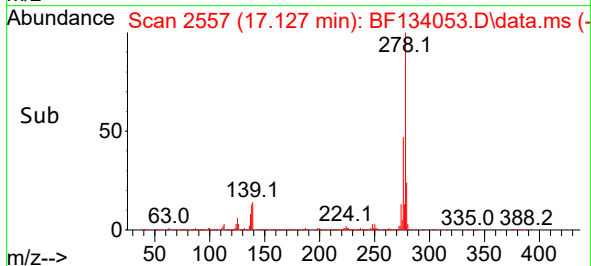
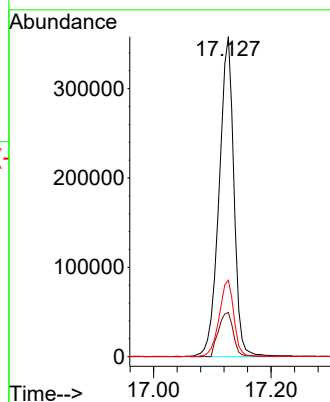
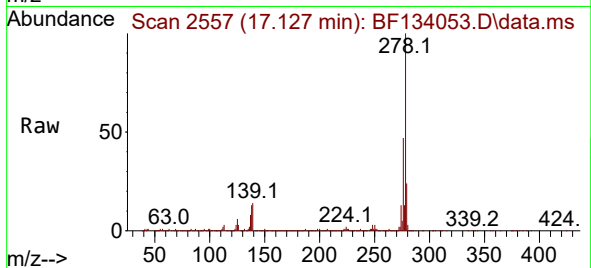
279 23.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#92

Benzo(g,h,i)perylene

Concen: 45.449 ng

RT: 17.580 min Scan# 2634

Delta R.T. 0.000 min

Lab File: BF134053.D

Acq: 30 Jun 2023 15:21

Tgt Ion:276 Resp: 641379

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 18.1 16.2 24.2

