

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134240.D
 Acq On : 12 Jul 2023 11:09
 Operator : CG\JU
 Sample : PB154118BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154118BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 12 13:12:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106196	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	417902	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	218301	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	438795	20.000	ng	0.00
76) Chrysene-d12	14.045	240	239795	20.000	ng	0.00
86) Perylene-d12	15.551	264	196609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	740685	116.671	ng	0.02
7) Phenol-d6	6.492	99	881631	112.922	ng	0.00
23) Nitrobenzene-d5	7.416	82	613899	79.187	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	329730	120.469	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1155209	76.937	ng	0.00
79) Terphenyl-d14	12.980	244	1380892	92.681	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	102815	39.277	ng	100
3) Pyridine	3.499	79	215573	31.616	ng	97
4) n-Nitrosodimethylamine	3.451	42	162980	41.852	ng	100
6) Aniline	6.510	93	211756	22.289	ng	# 8
8) 2-Chlorophenol	6.634	128	295198	45.806	ng	99
9) Benzaldehyde	6.398	77	97196	19.670	ng	94
10) Phenol	6.504	94	340673	41.500	ng	85
11) bis(2-Chloroethyl)ether	6.587	93	260094	43.036	ng	96
12) 1,3-Dichlorobenzene	6.787	146	307127	44.702	ng	100
13) 1,4-Dichlorobenzene	6.863	146	313902	45.233	ng	99
14) 1,2-Dichlorobenzene	7.016	146	295931	45.533	ng	99
15) Benzyl Alcohol	6.992	79	266612	44.296	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	439517	41.108	ng	92
17) 2-Methylphenol	7.104	107	242019	41.937	ng	95
18) Hexachloroethane	7.351	117	116982	45.463	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	211451	42.707	ng	99
20) 3+4-Methylphenols	7.257	107	296050	42.286	ng	96
22) Acetophenone	7.257	105	421941	44.395	ng	# 98
24) Nitrobenzene	7.434	77	320831	40.953	ng	96
25) Isophorone	7.669	82	586025	41.593	ng	99
26) 2-Nitrophenol	7.745	139	162347	43.199	ng	91
27) 2,4-Dimethylphenol	7.786	122	262790	44.175	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	336716	41.273	ng	98
29) 2,4-Dichlorophenol	7.992	162	251830	42.690	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	265610	43.637	ng	97
31) Naphthalene	8.151	128	829780	41.107	ng	99
32) Benzoic acid	7.922	122	201433	45.188	ng	98
33) 4-Chloroaniline	8.198	127	93898	10.874	ng	97
34) Hexachlorobutadiene	8.263	225	168470	43.877	ng	100
35) Caprolactam	8.586	113	85339m	43.937	ng	
36) 4-Chloro-3-methylphenol	8.692	107	292080	44.075	ng	97
37) 2-Methylnaphthalene	8.839	142	566336	39.674	ng	98
38) 1-Methylnaphthalene	8.939	142	524383	39.515	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	276850	42.806	ng	98
41) Hexachlorocyclopentadiene	8.992	237	246460	80.324	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	185389	42.108	ng	99

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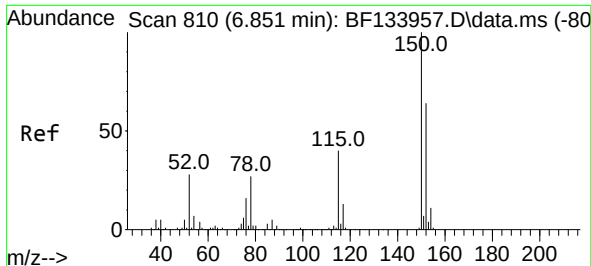
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	192081	37.090	ng	97
46) 1,1'-Biphenyl	9.310	154	720655	41.154	ng	98
47) 2-Chloronaphthalene	9.333	162	533720	41.657	ng	97
48) 2-Nitroaniline	9.433	65	191844	41.085	ng	98
49) Acenaphthylene	9.751	152	867820	39.650	ng	99
50) Dimethylphthalate	9.616	163	664866	41.957	ng	99
51) 2,6-Dinitrotoluene	9.680	165	144644	42.379	ng	98
52) Acenaphthene	9.922	154	520787	41.007	ng	99
53) 3-Nitroaniline	9.851	138	108794	26.570	ng	95
54) 2,4-Dinitrophenol	9.963	184	163330	82.725	ng	90
55) Dibenzofuran	10.098	168	786965	39.650	ng	99
56) 4-Nitrophenol	10.022	139	205413	71.720	ng	92
57) 2,4-Dinitrotoluene	10.086	165	190104	42.176	ng	# 81
58) Fluorene	10.439	166	640869	41.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	177927	43.556	ng	97
60) Diethylphthalate	10.316	149	689737	41.778	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	304366	40.901	ng	98
62) 4-Nitroaniline	10.475	138	156326	37.884	ng	97
63) Azobenzene	10.592	77	633434	40.561	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	111049	46.420	ng	99
66) n-Nitrosodiphenylamine	10.557	169	563627	40.203	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	192539	41.283	ng	# 88
68) Hexachlorobenzene	10.992	284	222690	44.970	ng	97
69) Atrazine	11.086	200	156583	40.378	ng	99
70) Pentachlorophenol	11.192	266	201396	68.020	ng	96
71) Phenanthrene	11.410	178	903103	40.883	ng	100
72) Anthracene	11.463	178	931745	40.553	ng	99
73) Carbazole	11.622	167	874777	41.597	ng	99
74) Di-n-butylphthalate	11.945	149	1083619	43.330	ng	99
75) Fluoranthene	12.604	202	986643	41.315	ng	99
77) Benzidine	12.727	184	116599	20.435	ng	100
78) Pyrene	12.839	202	971419	43.530	ng	99
80) Butylbenzylphthalate	13.457	149	395436	47.247	ng	99
81) Benzo(a)anthracene	14.033	228	689193	41.442	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	158227	30.031	ng	99
83) Chrysene	14.074	228	655539	40.698	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	476422	49.539	ng	99
85) Di-n-octyl phthalate	14.639	149	685541	48.513	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	683158	50.075	ng	97
88) Benzo(b)fluoranthene	15.104	252	545601	47.194	ng	98
89) Benzo(k)fluoranthene	15.139	252	523558	44.480	ng	99
90) Benzo(a)pyrene	15.486	252	468409	41.900	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	571677	51.303	ng	98
92) Benzo(g,h,i)perylene	17.580	276	568232	49.449	ng	98

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

Manual Integrations

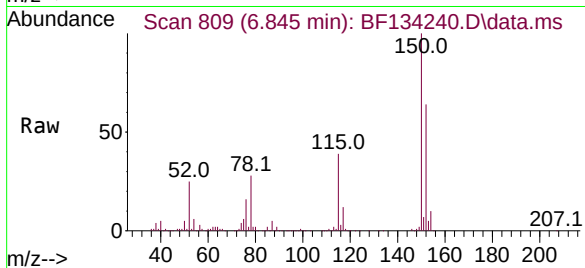
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

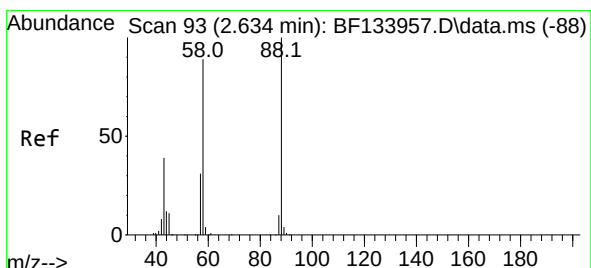
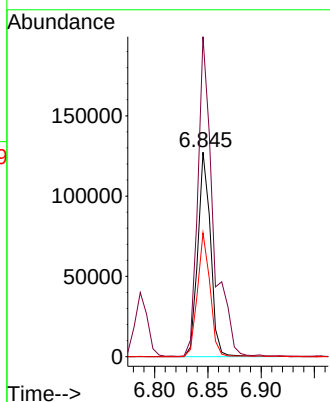
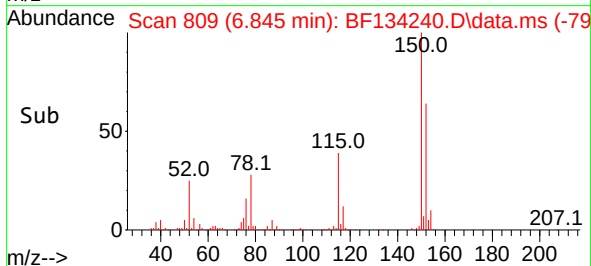
Instrument :
BNA_F
ClientSampleId :
PB154118BS



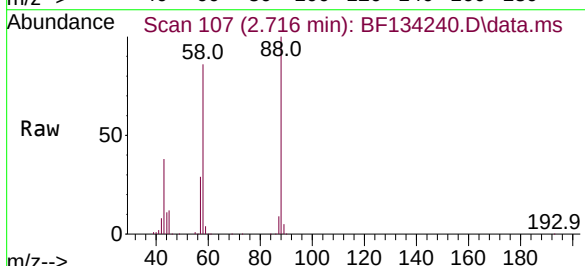
Tgt Ion:152 Resp: 106190
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 60.6 50.2 75.2

Manual Integrations
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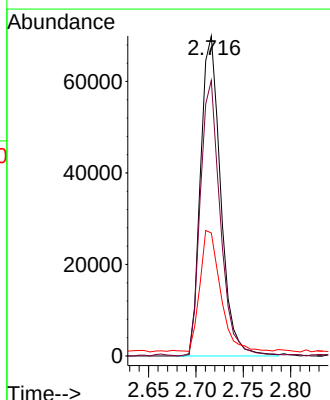
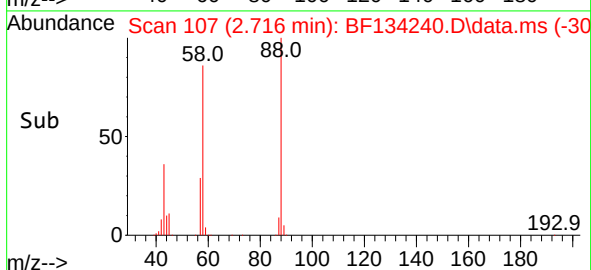
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

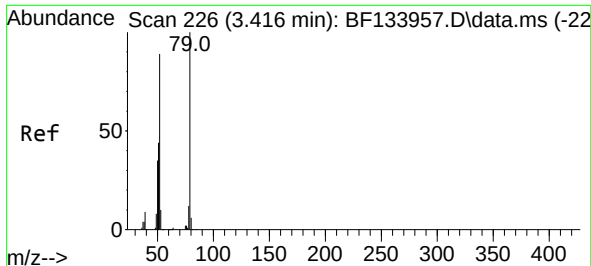


#2
1,4-Dioxane
Concen: 39.277 ng
RT: 2.716 min Scan# 107
Delta R.T. 0.100 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



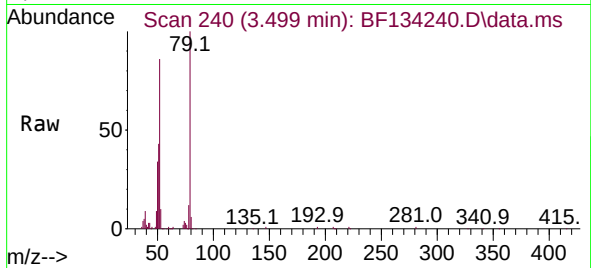
Tgt Ion: 88 Resp: 102815
Ion Ratio Lower Upper
88 100
58 85.6 68.8 103.2
43 38.3 30.7 46.1





#3
Pyridine
Concen: 31.616 ng
RT: 3.499 min Scan# 240
Delta R.T. 0.100 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

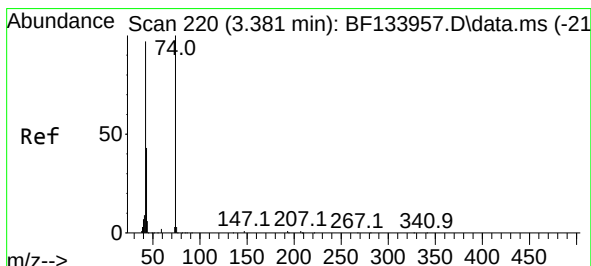
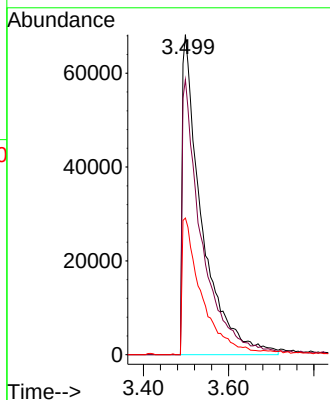
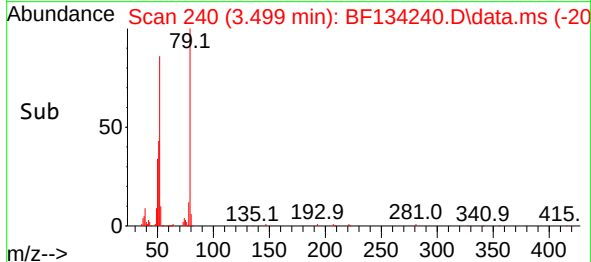
Instrument :
BNA_F
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PB154118BS



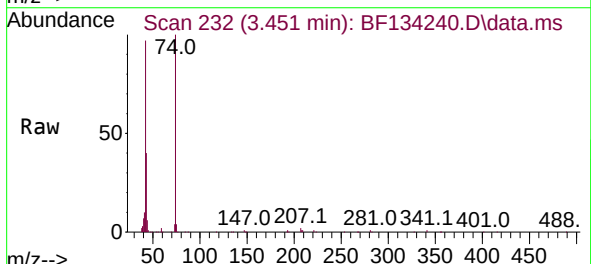
Tgt Ion: 79 Resp: 21557
Ion Ratio Lower Upper
79 100
52 85.9 71.1 106.7
51 42.7 35.2 52.8

Manual Integrations
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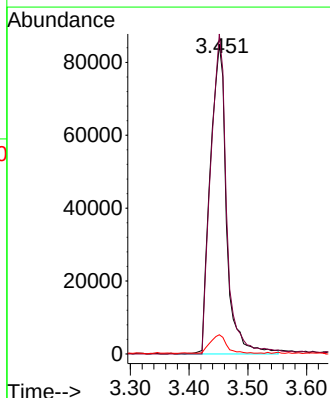
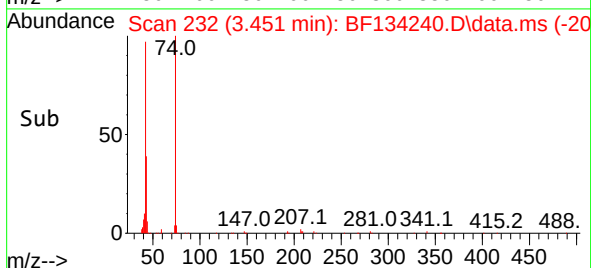
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

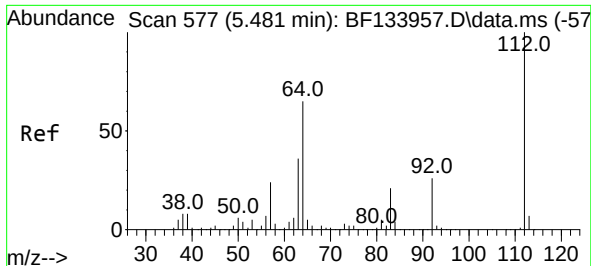


#4
n-Nitrosodimethylamine
Concen: 41.852 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.088 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion: 42 Resp: 162980
Ion Ratio Lower Upper
42 100
74 103.3 82.4 123.6
44 6.2 4.9 7.3





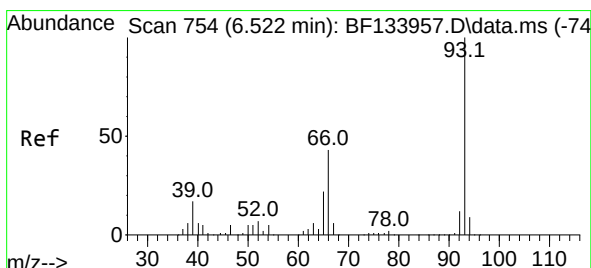
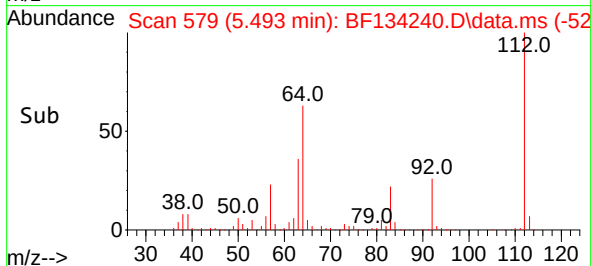
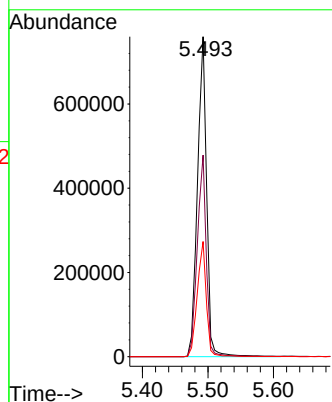
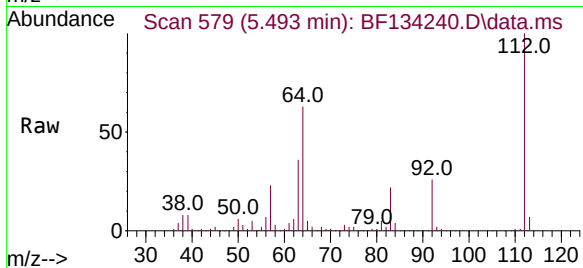
#5
2-Fluorophenol
Concen: 116.671 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :
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Tgt Ion:112 Resp: 74068
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 36.0 28.6 42.8

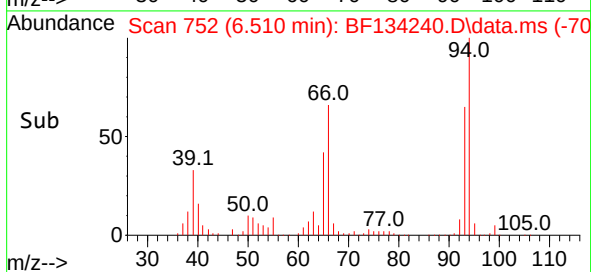
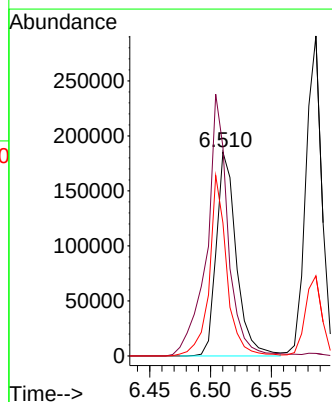
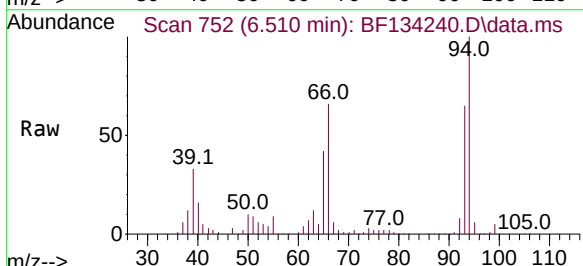
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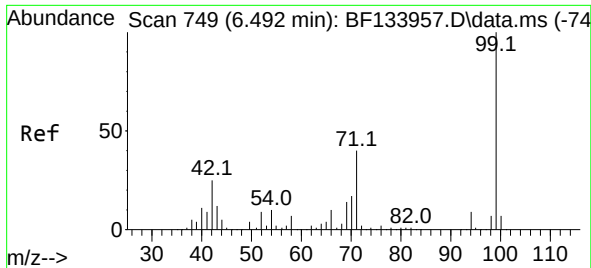
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#6
Aniline
Concen: 22.289 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

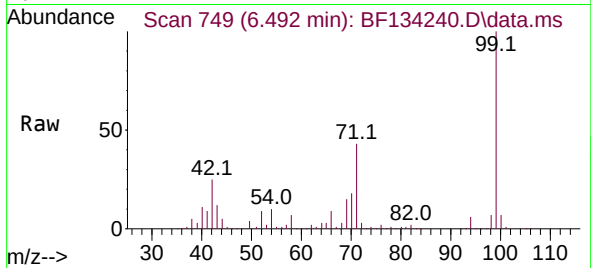
Tgt Ion: 93 Resp: 211756
Ion Ratio Lower Upper
93 100
66 102.5 34.5 51.7#
65 65.3 17.8 26.6#





#7
Phenol-d6
Concen: 112.922 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

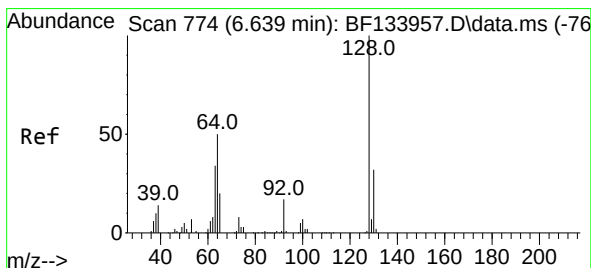
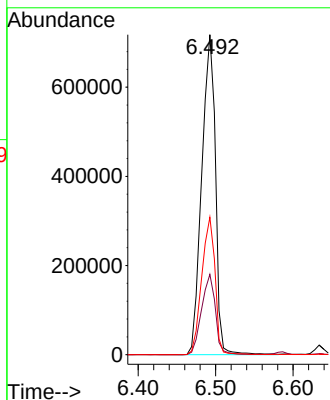
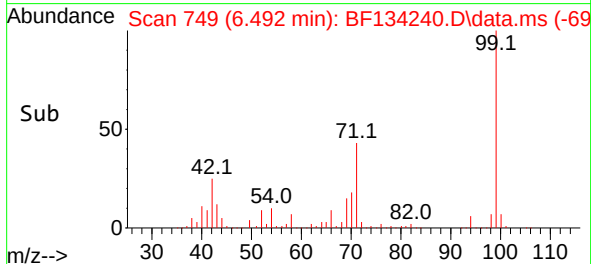
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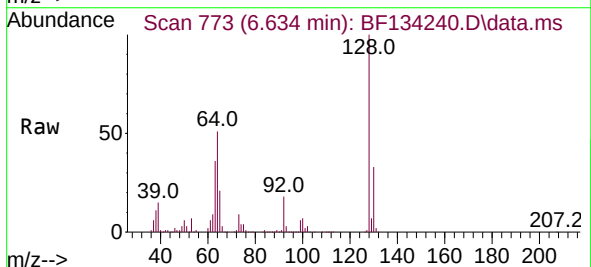
Tgt Ion: 99 Resp: 88163
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.6
71 43.0 31.9 47.9

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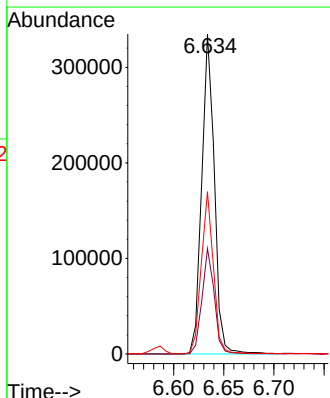
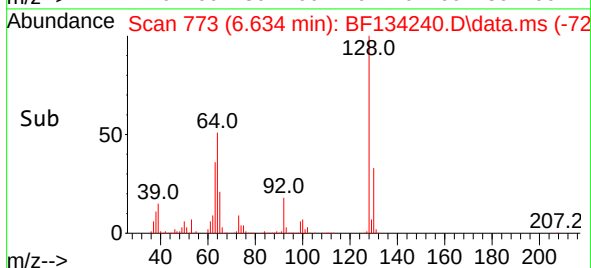
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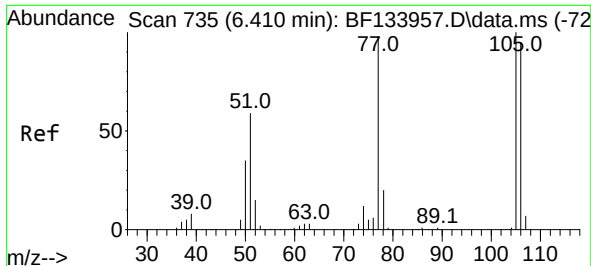


#8
2-Chlorophenol
Concen: 45.806 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion:128 Resp: 295198
Ion Ratio Lower Upper
128 100
130 33.0 11.7 51.7
64 50.7 31.3 71.3





#9

Benzaldehyde

Concen: 19.670 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

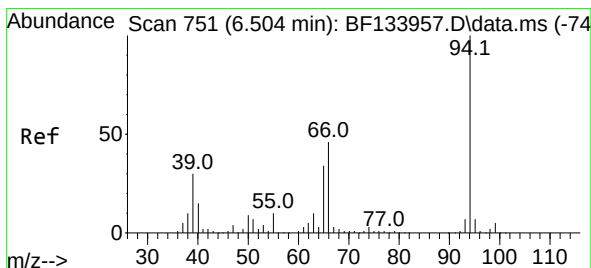
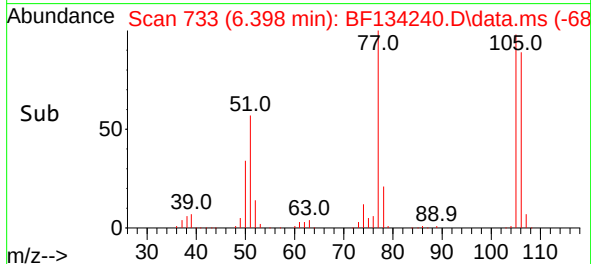
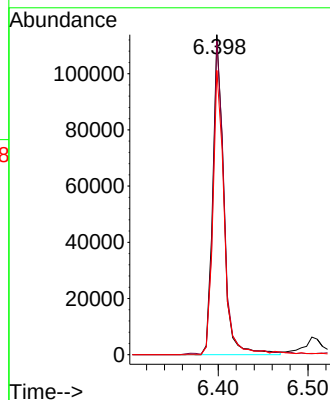
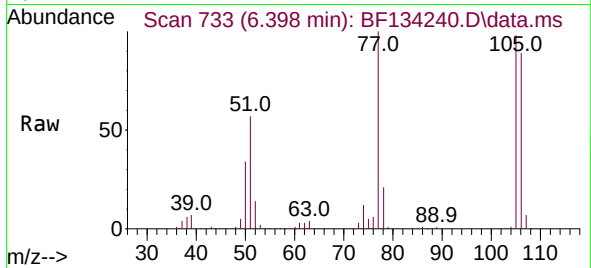
Tgt Ion:	77	Resp:	97190
Ion	Ratio	Lower	Upper
77	100		
105	98.0	82.0	122.0
106	88.9	76.9	116.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#10

Phenol

Concen: 41.500 ng

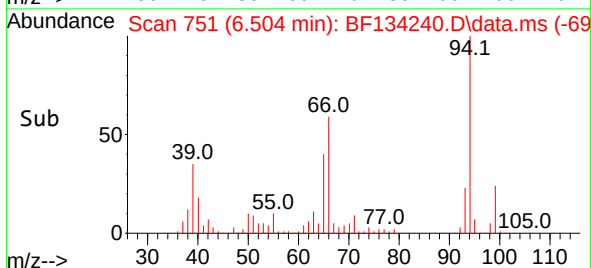
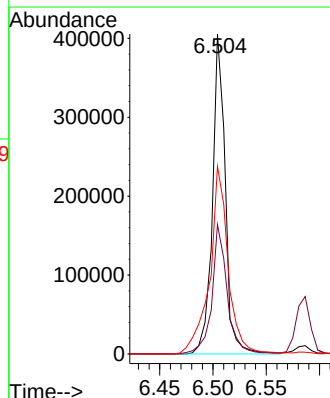
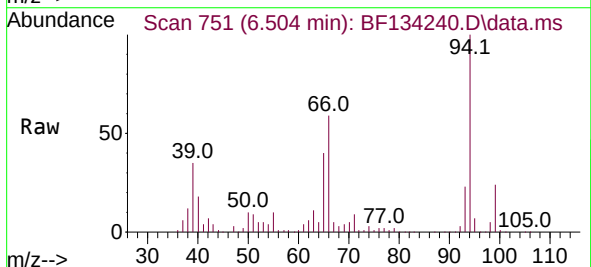
RT: 6.504 min Scan# 751

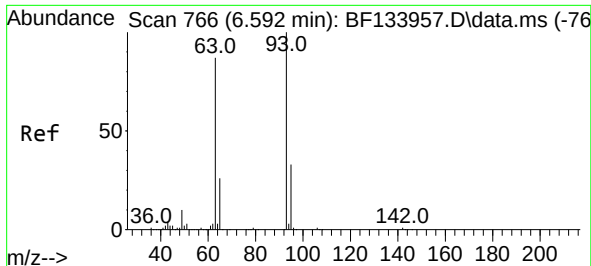
Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

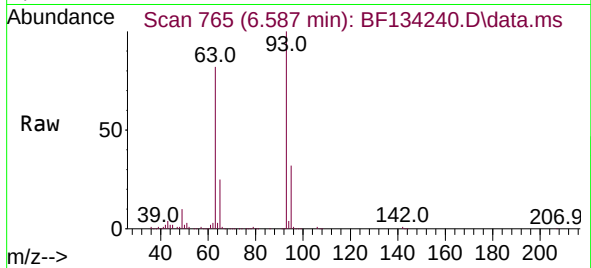
Tgt Ion:	94	Resp:	340673
Ion	Ratio	Lower	Upper
94	100		
65	40.5	14.2	54.2
66	58.6	26.4	66.4





#11
bis(2-Chloroethyl)ether
Concen: 43.036 ng
RT: 6.587 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

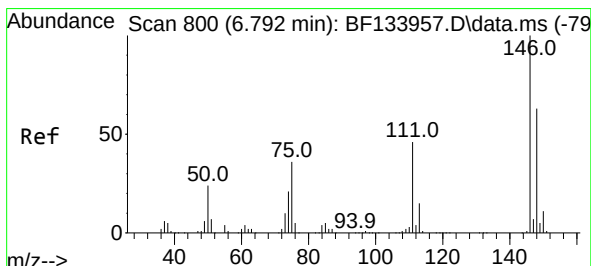
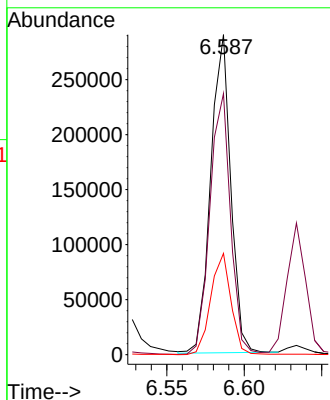
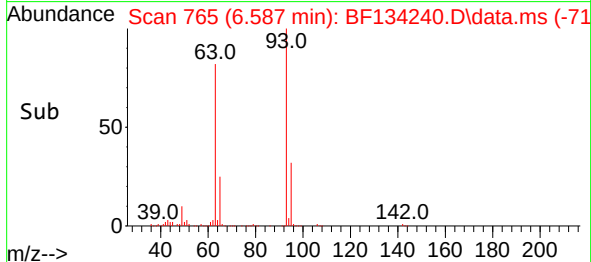
Instrument :
BNA_F
ClientSampleId :
PB154118BS



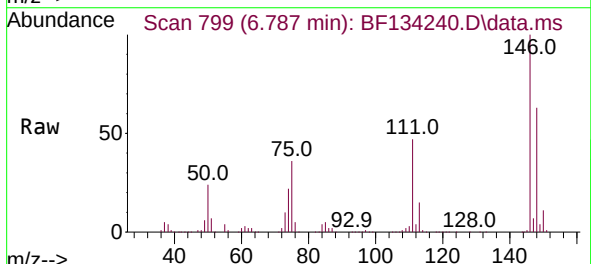
Tgt Ion: 93 Resp: 260094
Ion Ratio Lower Upper
93 100
63 81.6 66.5 106.5
95 31.7 12.9 52.9

Manual Integrations
APPROVED

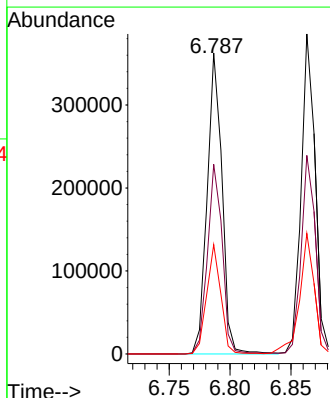
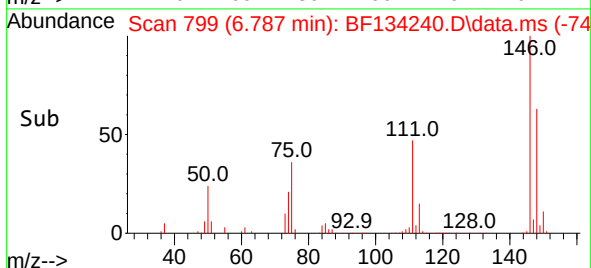
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

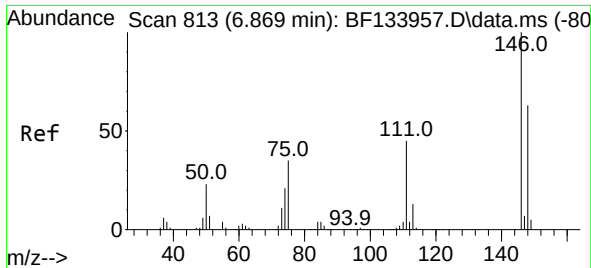


#12
1,3-Dichlorobenzene
Concen: 44.702 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion:146 Resp: 307127
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 36.3 29.0 43.6





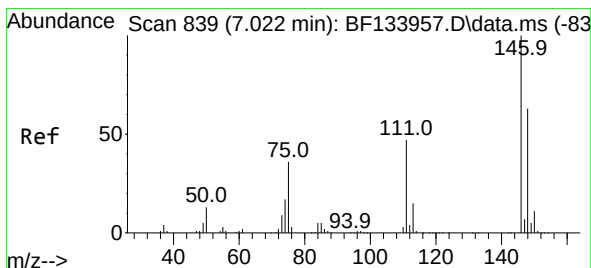
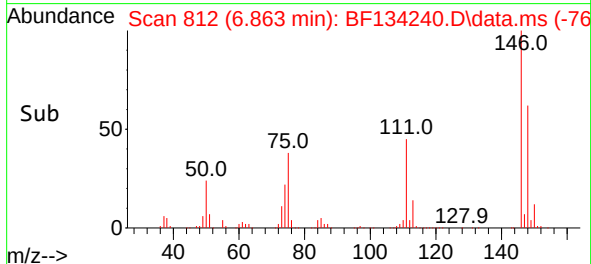
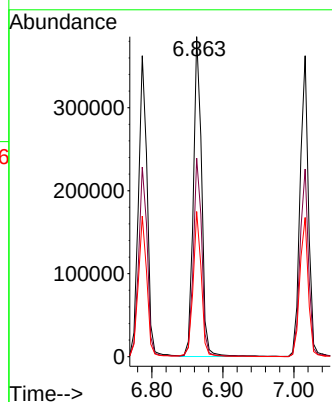
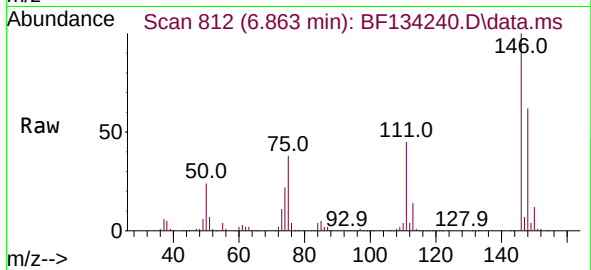
#13
1,4-Dichlorobenzene
Concen: 45.233 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB154118BS

Tgt Ion:146 Resp: 313902
Ion Ratio Lower Upper
146 100
148 62.0 50.2 75.2
111 45.4 35.8 53.6

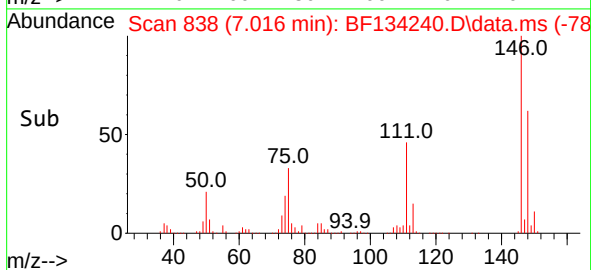
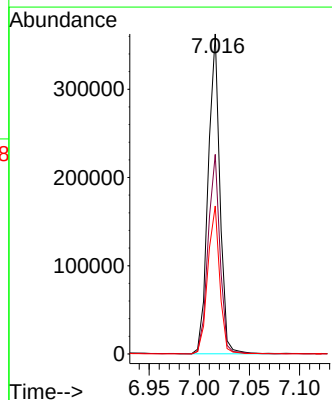
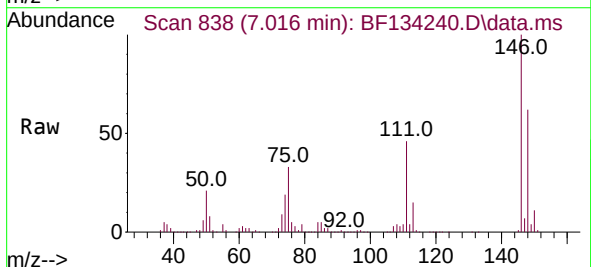
Manual Integrations
APPROVED

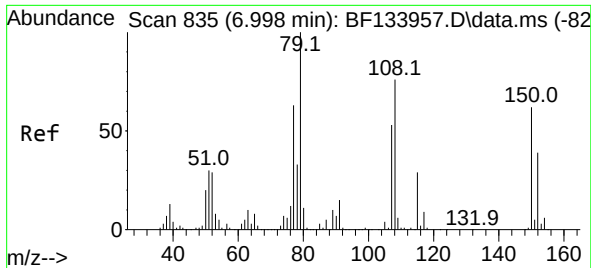
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#14
1,2-Dichlorobenzene
Concen: 45.533 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:146 Resp: 295931
Ion Ratio Lower Upper
146 100
148 62.3 50.6 76.0
111 46.3 38.0 57.0





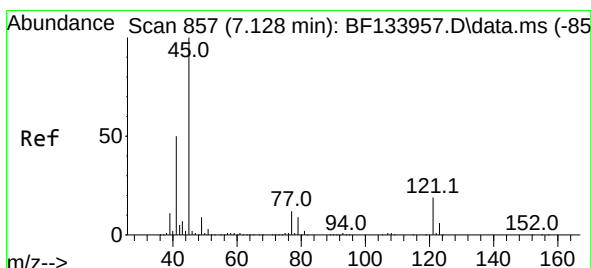
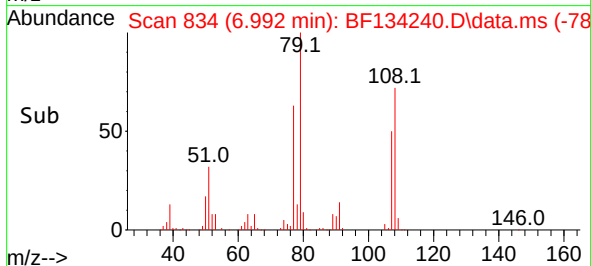
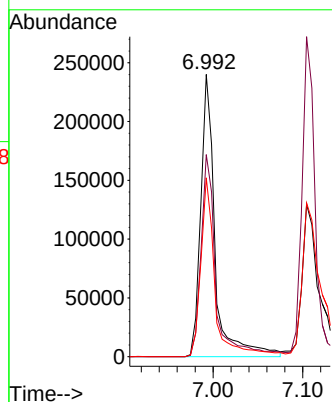
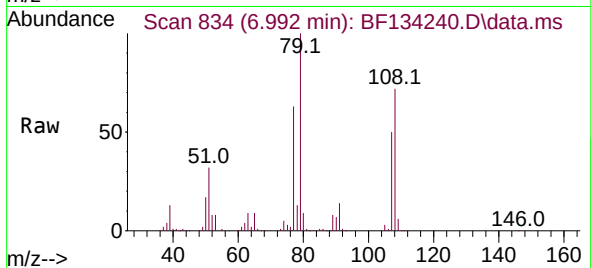
#15
Benzyl Alcohol
Concen: 44.296 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB154118BS

Tgt Ion: 79 Resp: 26661
Ion Ratio Lower Upper
79 100
108 71.6 60.7 91.1
77 63.4 50.6 75.8

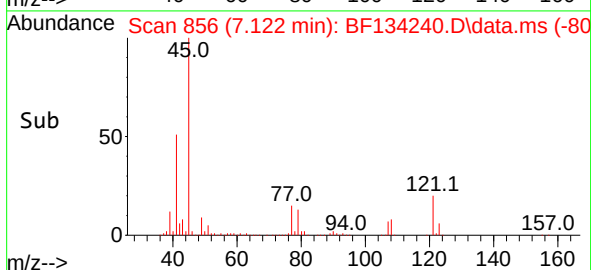
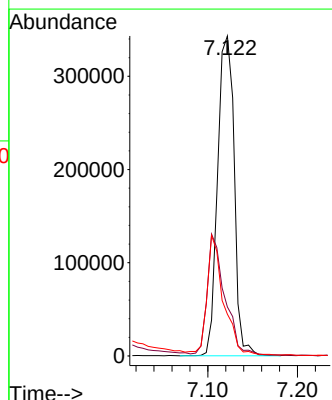
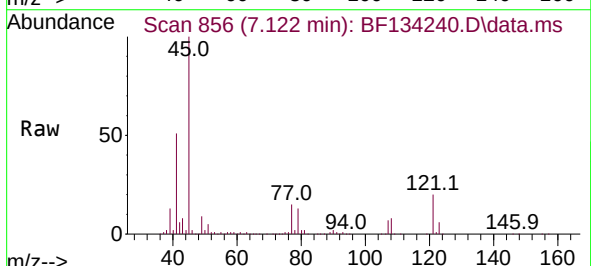
Manual Integrations
APPROVED

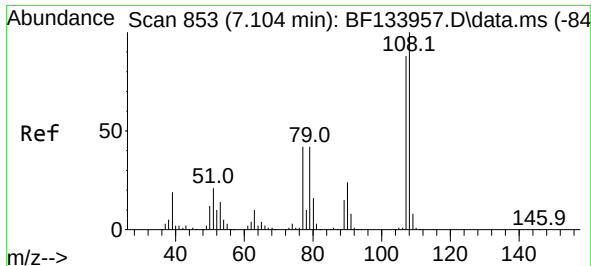
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.108 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion: 45 Resp: 439517
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.9
79 13.0 0.0 29.5





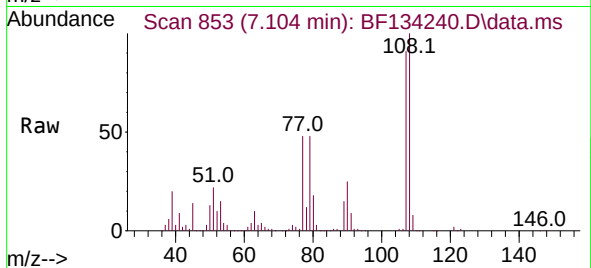
#17
2-Methylphenol
Concen: 41.937 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS



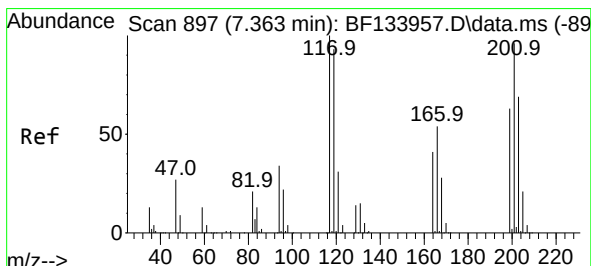
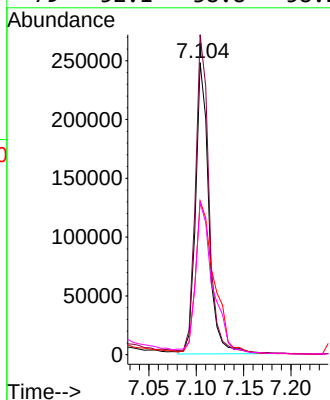
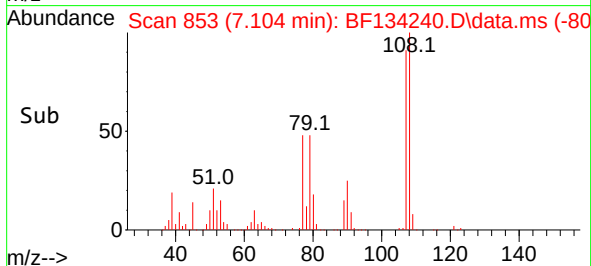
Tgt Ion:107 Resp: 242019
Ion Ratio Lower Upper
107 100
108 109.6 90.6 136.0
77 52.7 38.3 57.5
79 52.1 38.8 58.2

Manual Integrations

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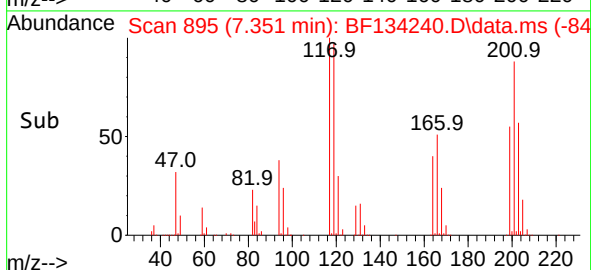
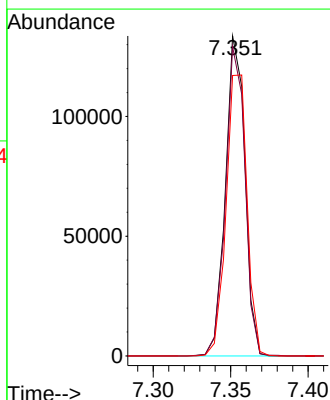
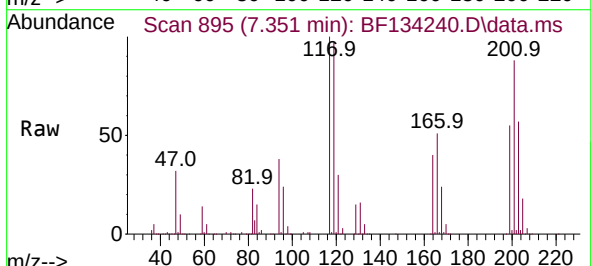
Reviewed By :Yogesh Patel 07/13/2023

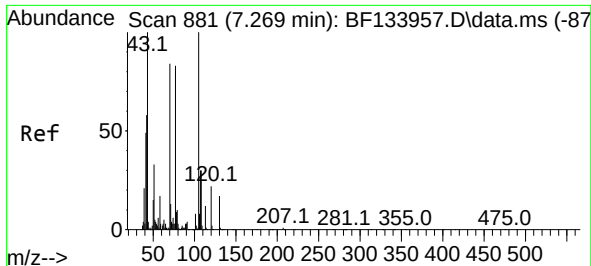
Supervised By :mohammad ahmed 07/13/2023



#18
Hexachloroethane
Concen: 45.463 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

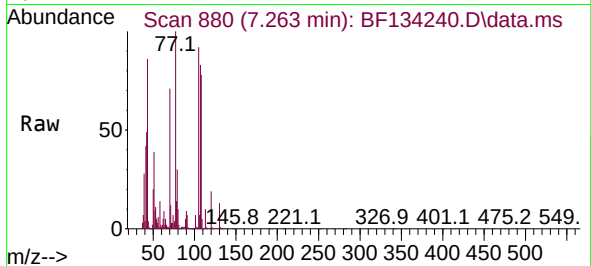
Tgt Ion:117 Resp: 116982
Ion Ratio Lower Upper
117 100
119 96.6 74.2 111.4
201 87.6 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.707 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

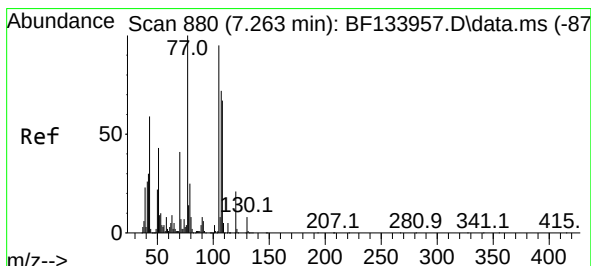
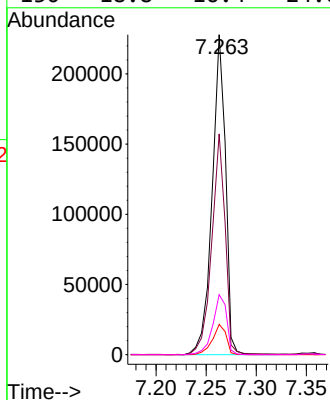
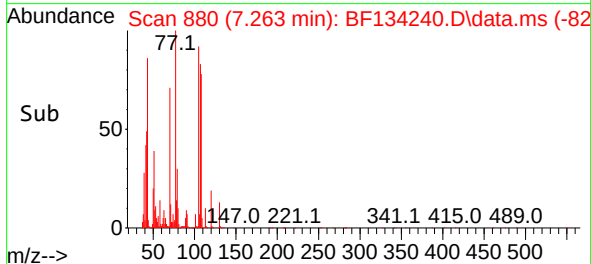
Instrument :
BNA_F
ClientSampleId :
PB154118BS



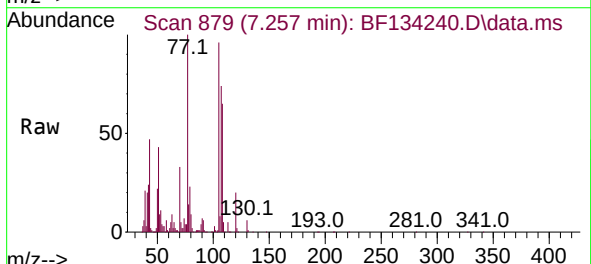
Tgt Ion: 70 Resp: 21145
Ion Ratio Lower Upper
70 100
42 69.0 54.7 82.1
101 9.4 7.7 11.5
130 18.8 16.4 24.6

Manual Integrations
APPROVED

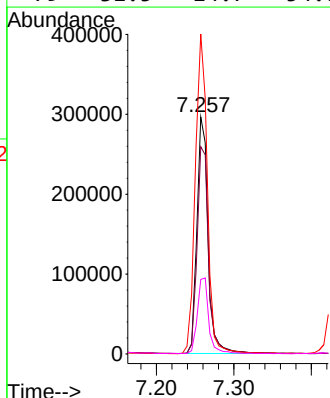
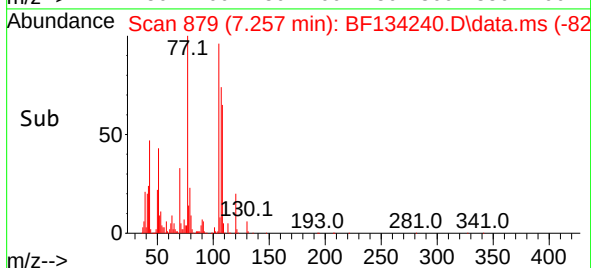
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

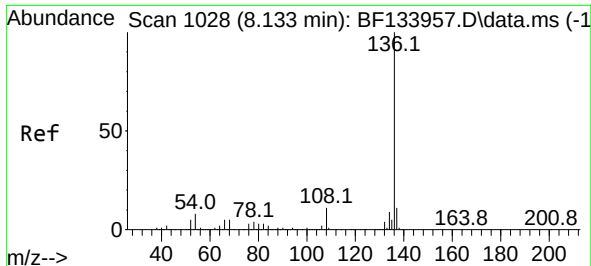


#20
3+4-Methylphenols
Concen: 42.286 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion:107 Resp: 296050
Ion Ratio Lower Upper
107 100
108 87.5 73.2 113.2
77 135.1 118.3 158.3
79 31.5 14.7 54.7





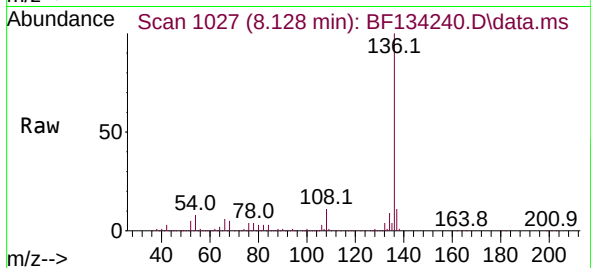
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS



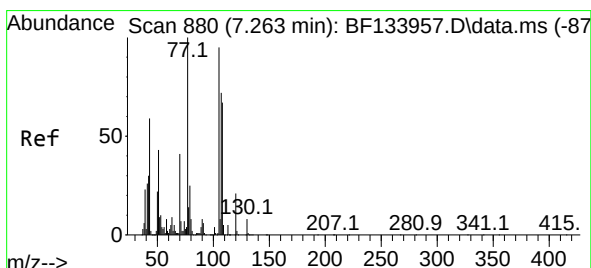
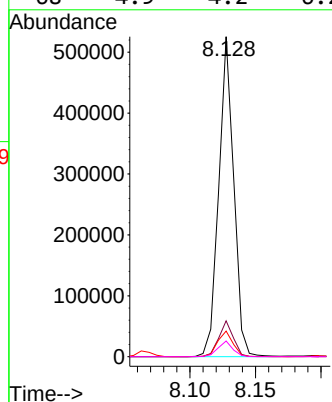
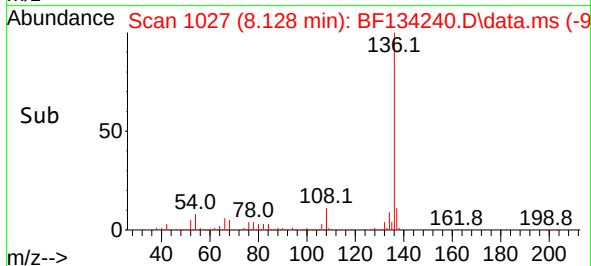
Tgt Ion:136 Resp: 417902
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.0 6.5 9.7
68 4.9 4.2 6.2

Manual Integrations

APPROVED

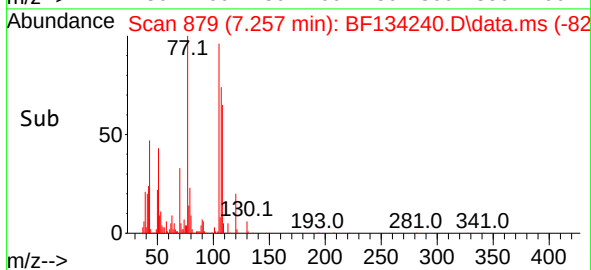
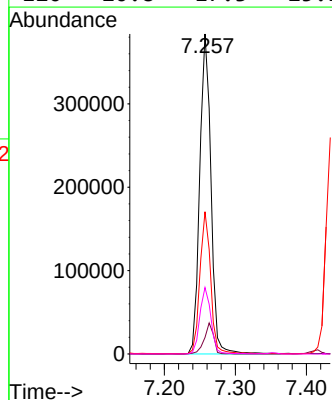
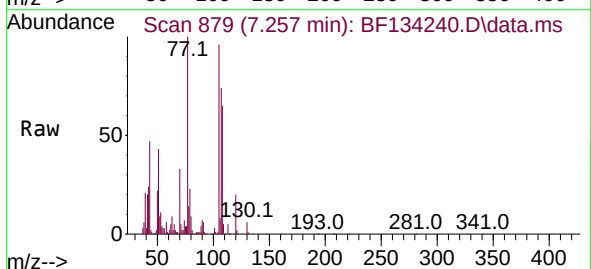
Reviewed By :Yogesh Patel 07/13/2023

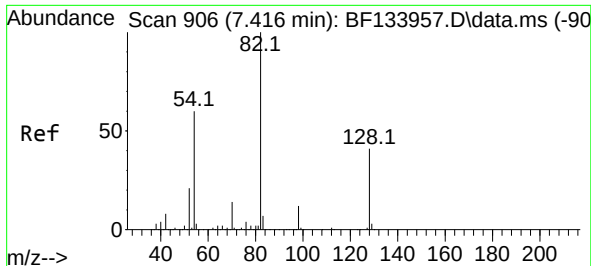
Supervised By :mohammad ahmed 07/13/2023



#22
Acetophenone
Concen: 44.395 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:105 Resp: 421941
Ion Ratio Lower Upper
105 100
71 5.1 5.5 8.3#
51 44.4 36.5 54.7
120 20.8 17.3 25.9





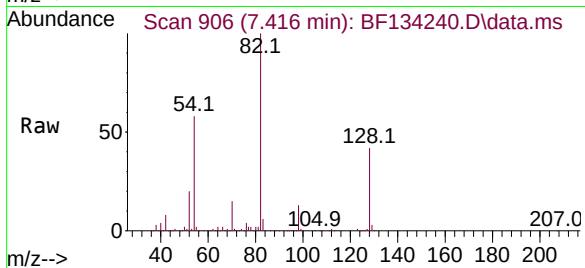
#23
Nitrobenzene-d5
Concen: 79.187 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

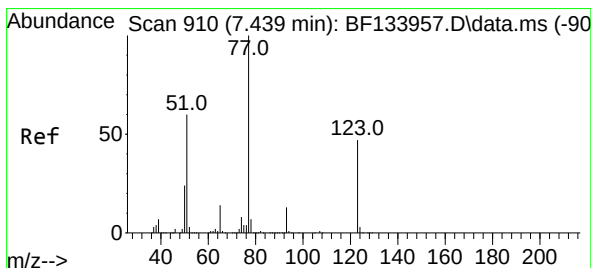
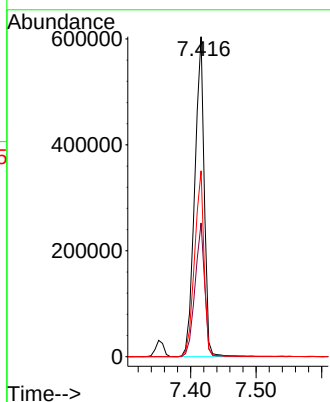
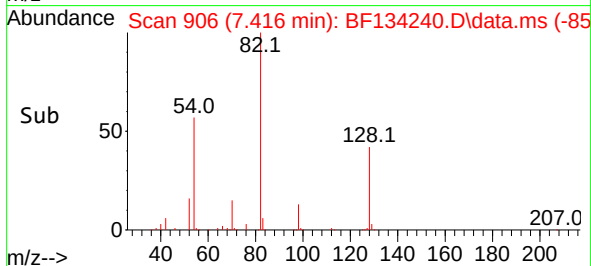
PB154118BS



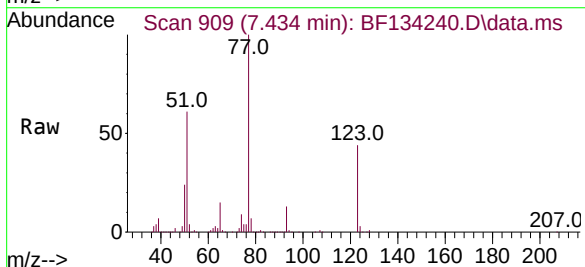
Tgt Ion: 82 Resp: 61389
Ion Ratio Lower Upper
82 100
128 41.8 32.5 48.7
54 58.1 48.2 72.2

Manual Integrations
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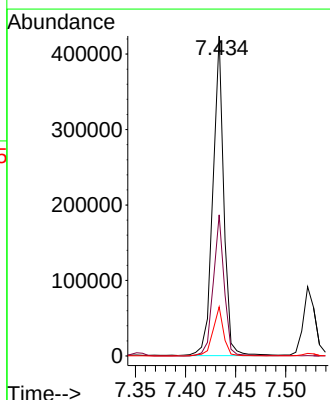
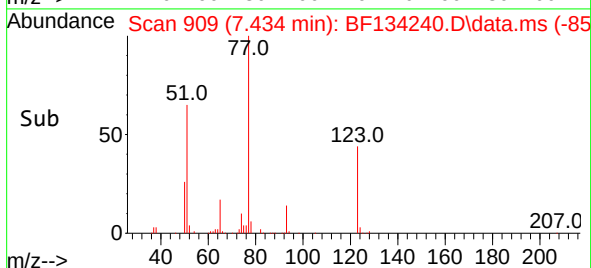
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

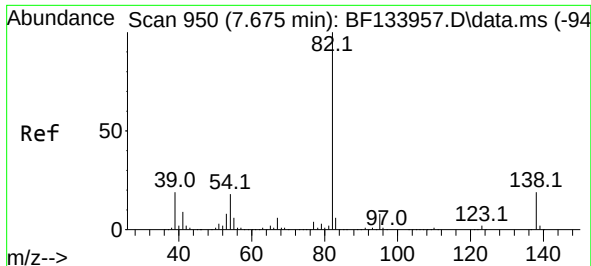


#24
Nitrobenzene
Concen: 40.953 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion: 77 Resp: 320831
Ion Ratio Lower Upper
77 100
123 44.1 37.8 56.6
65 15.3 11.3 16.9





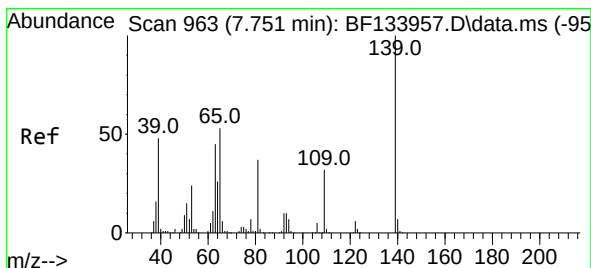
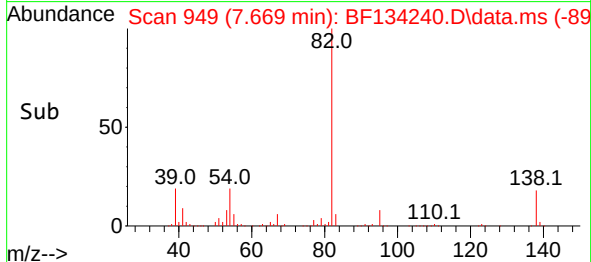
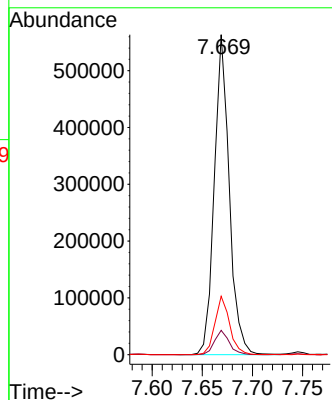
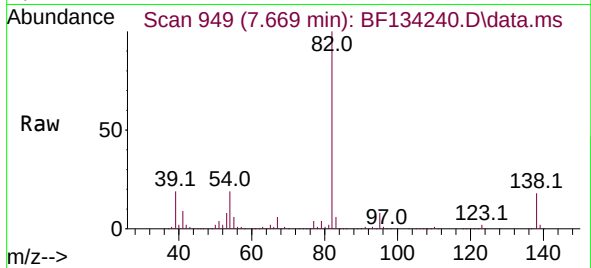
#25
Isophorone
Concen: 41.593 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB154118BS

Tgt Ion: 82 Resp: 586025
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.3 15.2 22.8

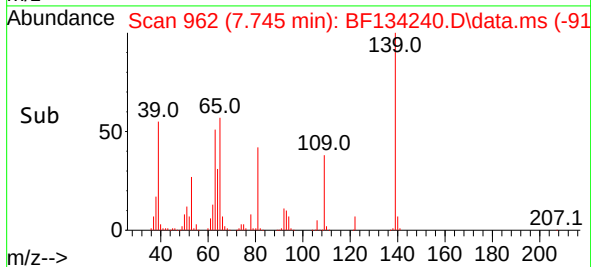
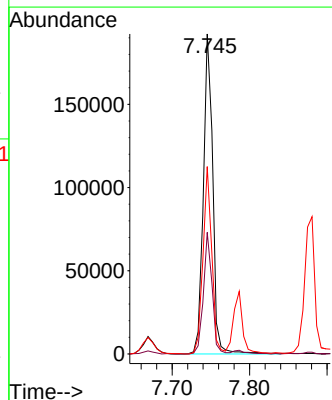
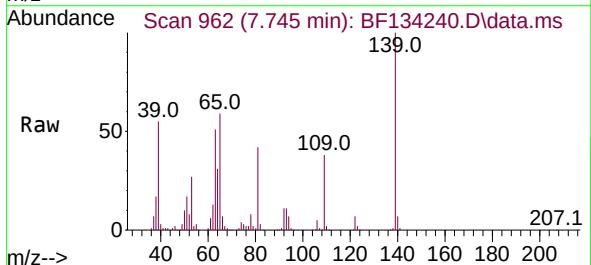
Manual Integrations
APPROVED

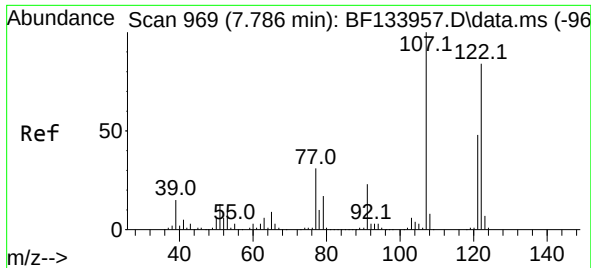
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#26
2-Nitrophenol
Concen: 43.199 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:139 Resp: 162347
Ion Ratio Lower Upper
139 100
109 38.0 25.8 38.8
65 58.6 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 44.175 ng
RT: 7.786 min Scan# 969
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

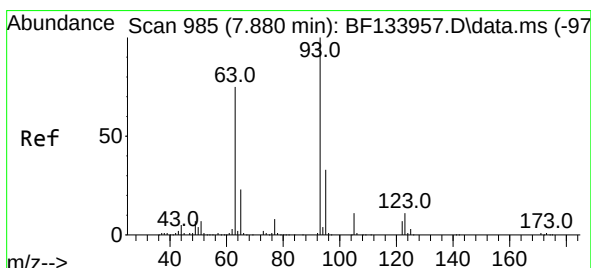
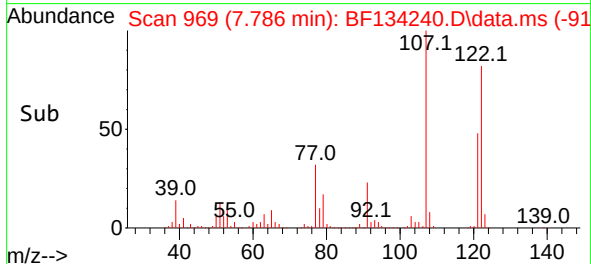
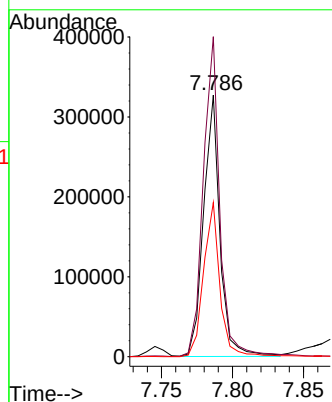
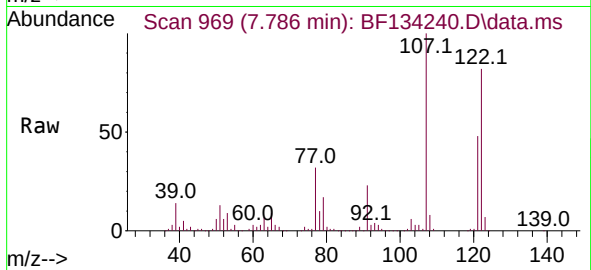
PB154118BS

Tgt Ion:122 Resp: 262790
Ion Ratio Lower Upper
122 100
107 122.4 95.5 143.3
121 58.9 45.5 68.3

Manual Integrations

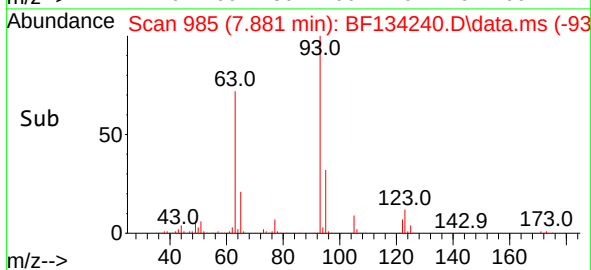
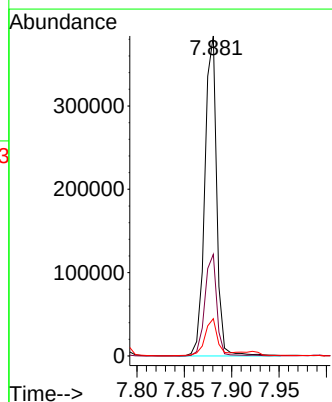
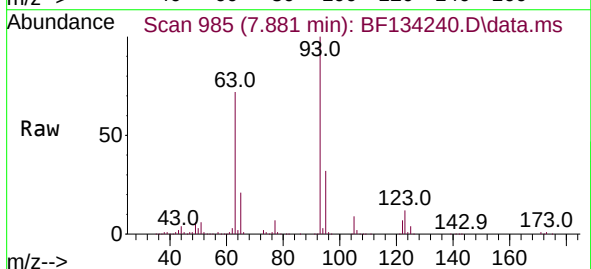
APPROVED

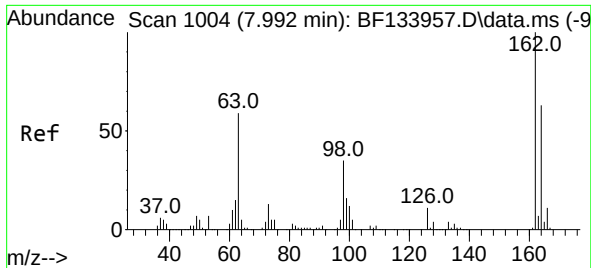
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.273 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion: 93 Resp: 336716
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.690 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF134240.D

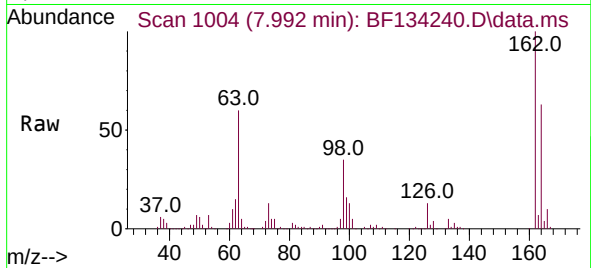
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS



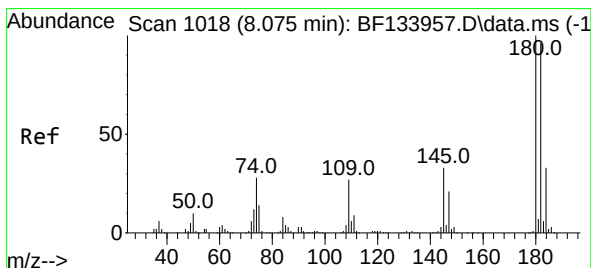
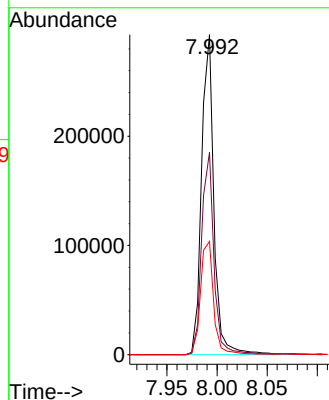
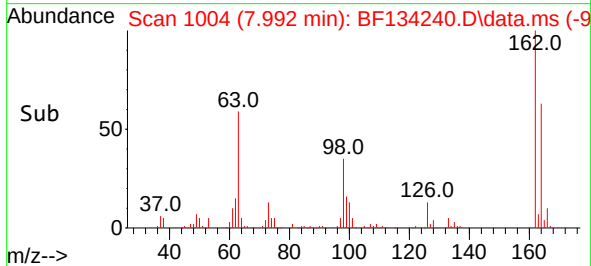
Tgt Ion:	162	Resp:	251830
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.2	83.2
98	35.4	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.637 ng

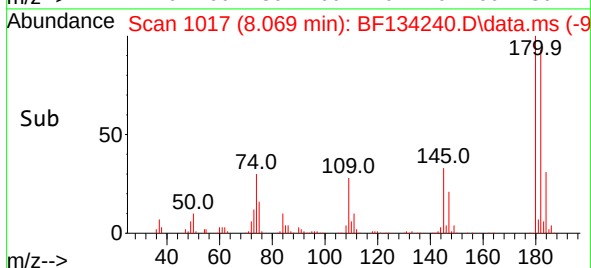
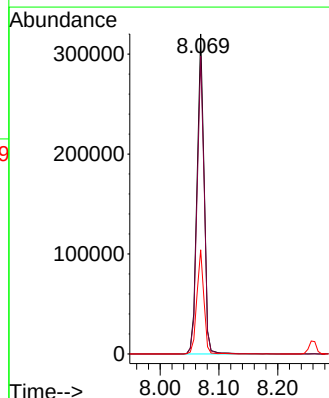
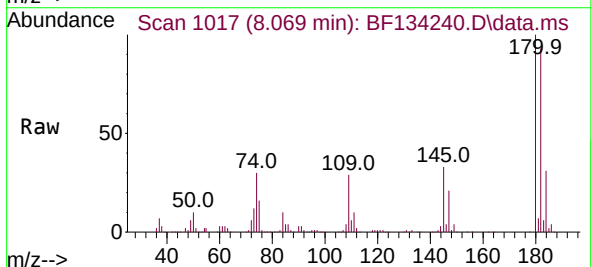
RT: 8.069 min Scan# 1017

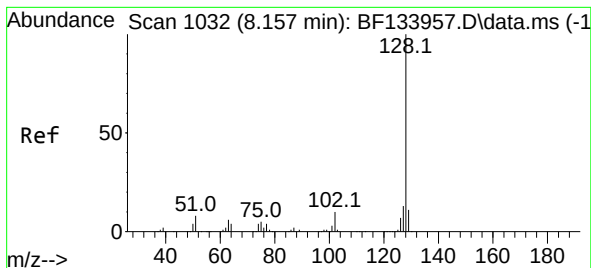
Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:	180	Resp:	265610
Ion Ratio	Lower	Upper	
180	100		
182	93.1	77.1	115.7
145	32.6	26.0	39.0





#31

Naphthalene

Concen: 41.107 ng

RT: 8.151 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

Tgt Ion:128 Resp: 829780

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

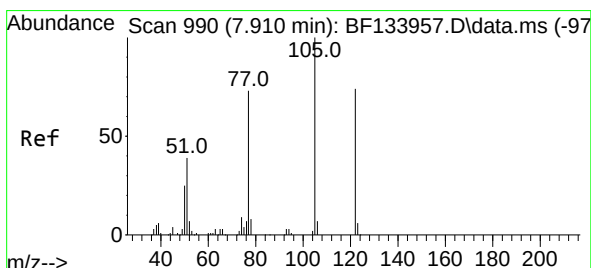
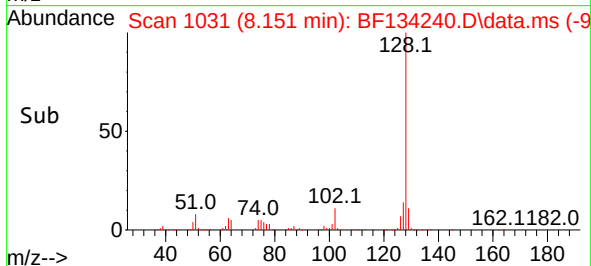
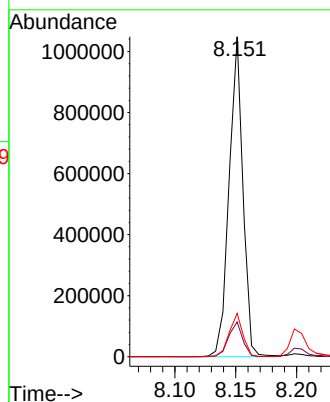
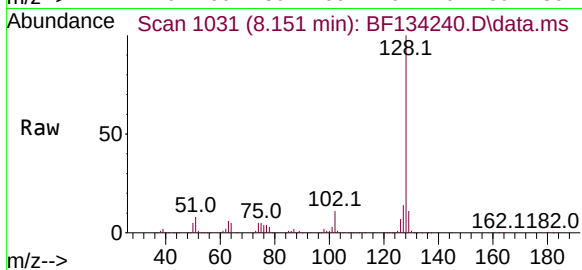
127 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#32

Benzoic acid

Concen: 45.188 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.029 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

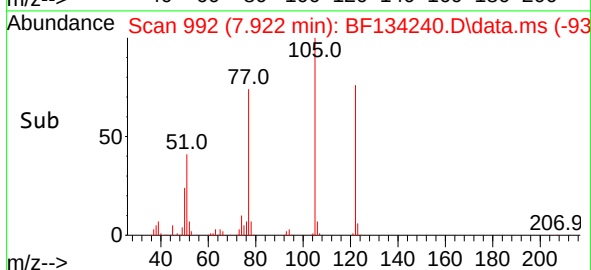
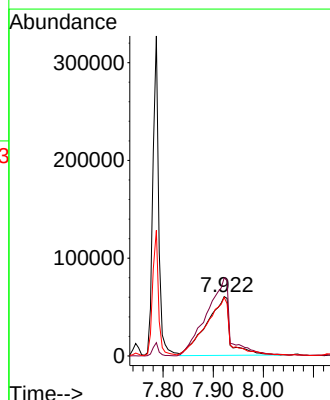
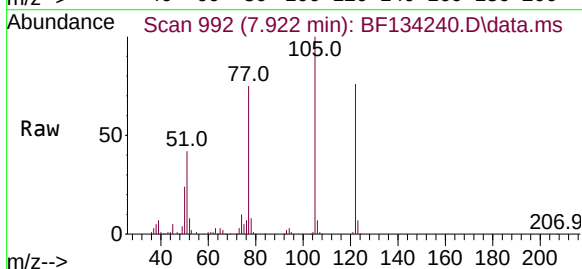
Tgt Ion:122 Resp: 201433

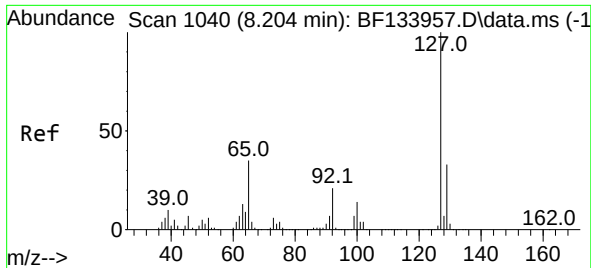
Ion Ratio Lower Upper

122 100

105 131.6 109.7 149.7

77 98.7 76.0 116.0





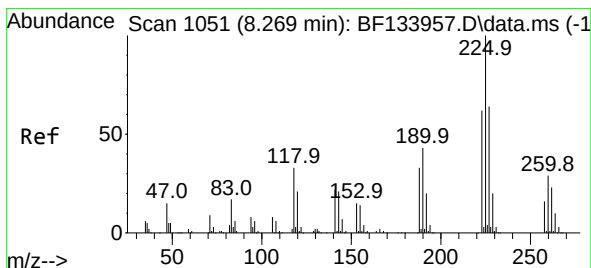
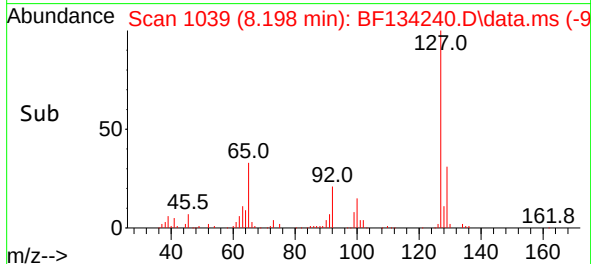
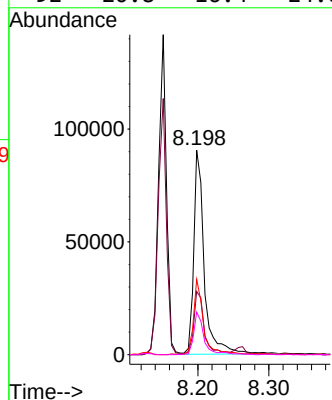
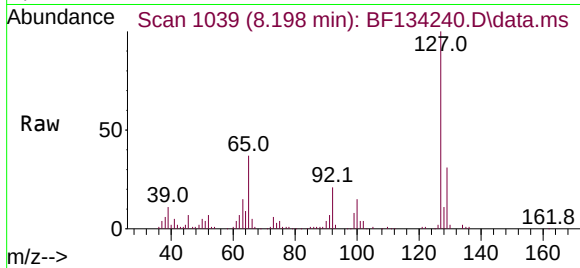
#33
4-Chloroaniline
Concen: 10.874 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB154118BS

Tgt Ion:	127	Resp:	9389
Ion Ratio	Lower	Upper	
127	100		
129	30.9	26.4	39.6
65	36.9	27.8	41.8
92	20.8	16.4	24.6

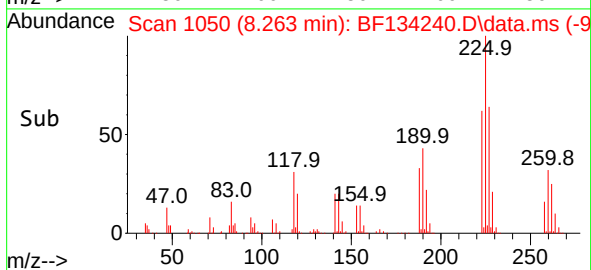
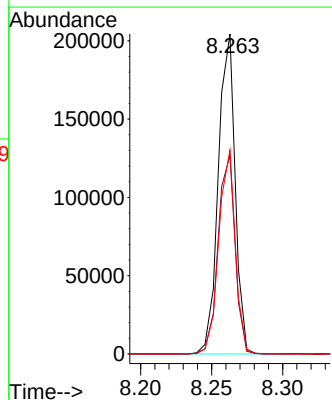
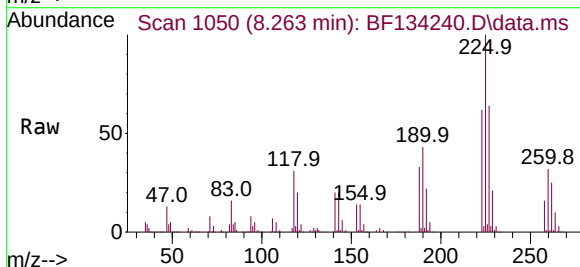
Manual Integrations
APPROVED

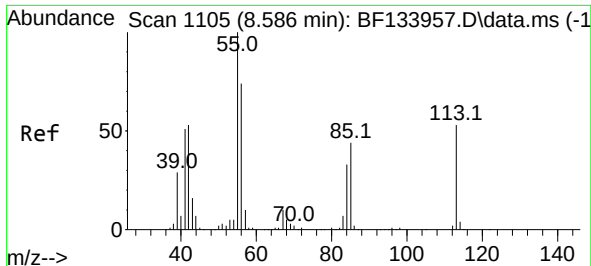
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#34
Hexachlorobutadiene
Concen: 43.877 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

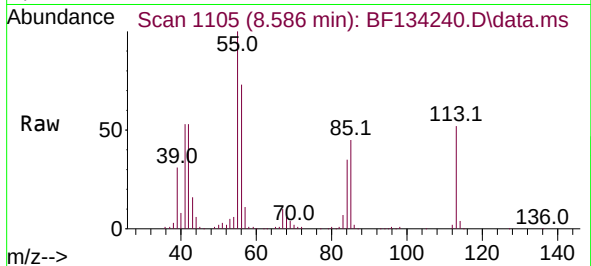
Tgt Ion:	225	Resp:	168470
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.8	74.8
227	63.7	51.0	76.4





#35
Caprolactam
Concen: 43.937 ng m
RT: 8.586 min Scan# 1105
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

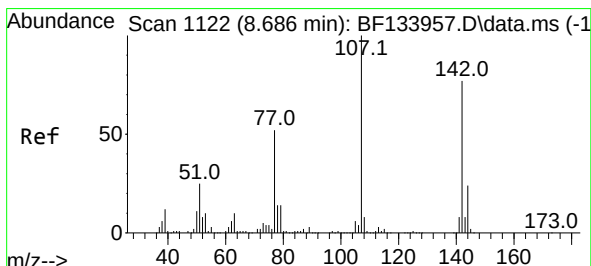
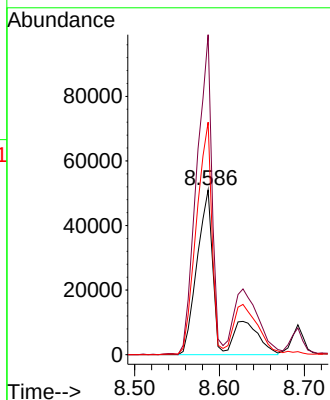
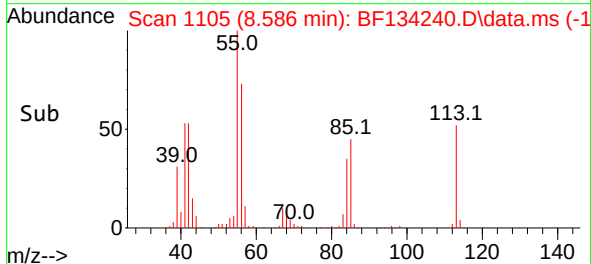
Instrument :
BNA_F
ClientSampleId :
PB154118BS



Tgt Ion:113 Resp: 85339
Ion Ratio Lower Upper
113 100
55 194.1 170.2 210.2
56 141.0 121.4 161.4

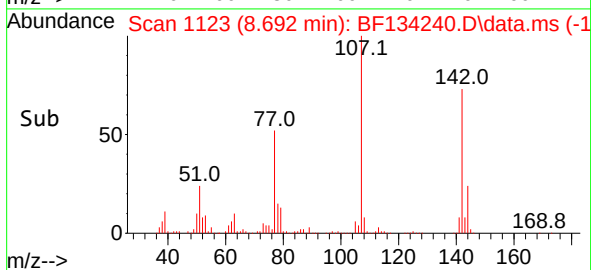
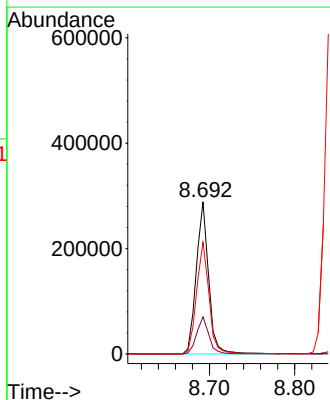
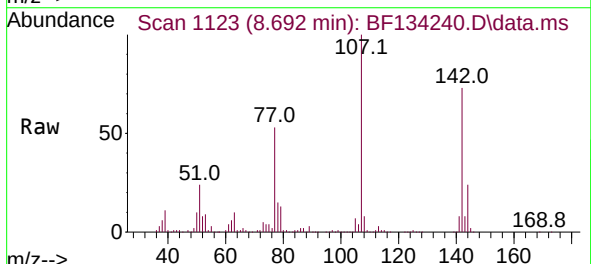
Manual Integrations
APPROVED

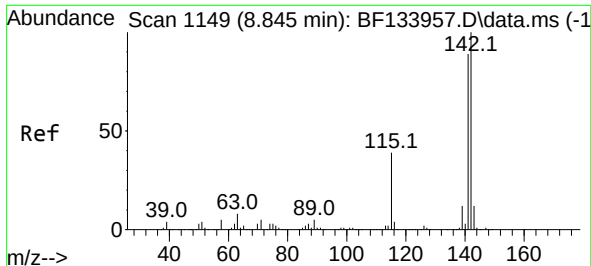
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#36
4-Chloro-3-methylphenol
Concen: 44.075 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:107 Resp: 292080
Ion Ratio Lower Upper
107 100
144 24.4 19.6 29.4
142 73.4 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.674 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

Tgt Ion:142 Resp: 566330

Ion Ratio Lower Upper

142 100

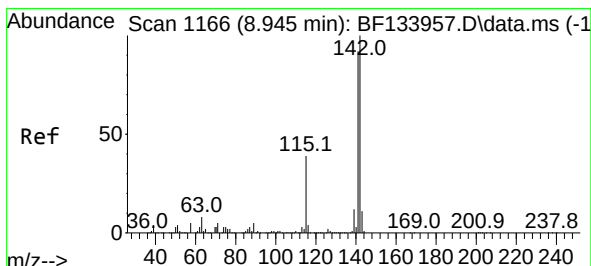
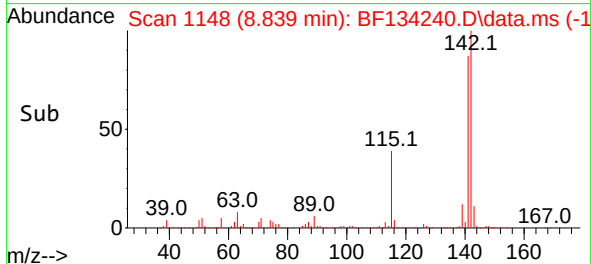
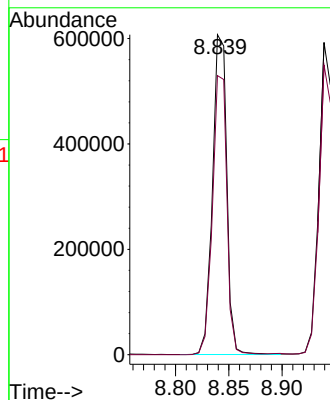
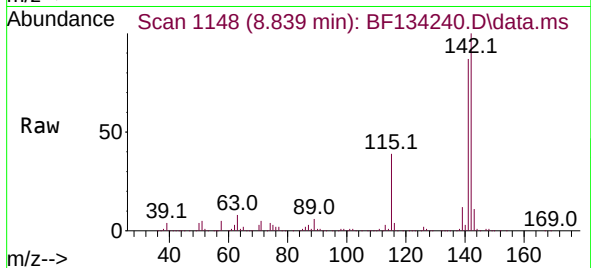
141 87.2 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#38

1-Methylnaphthalene

Concen: 39.515 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134240.D

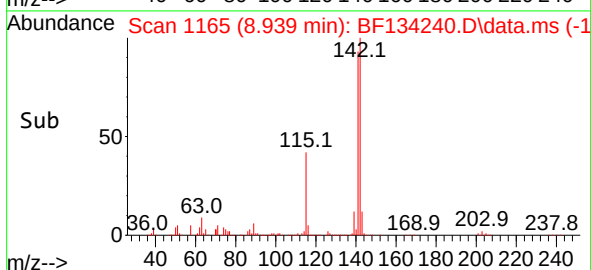
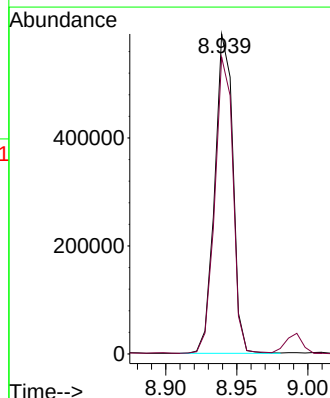
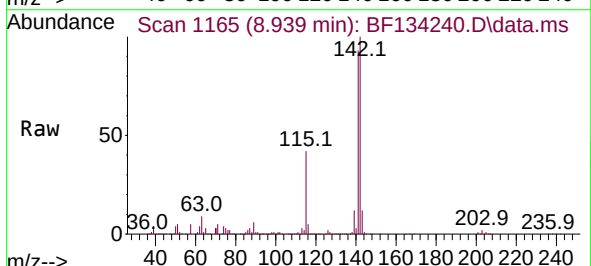
Acq: 12 Jul 2023 11:09

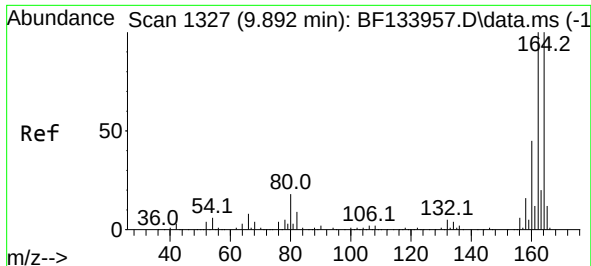
Tgt Ion:142 Resp: 524383

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3





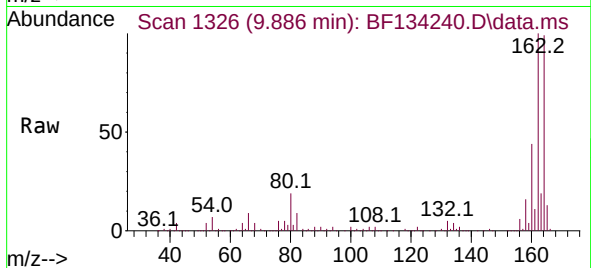
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS



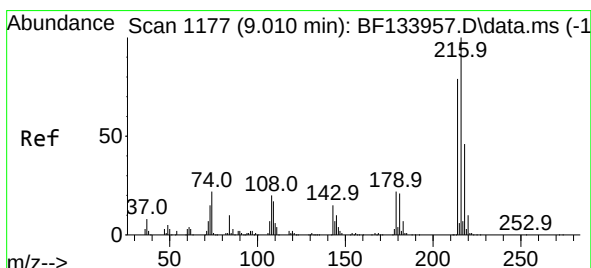
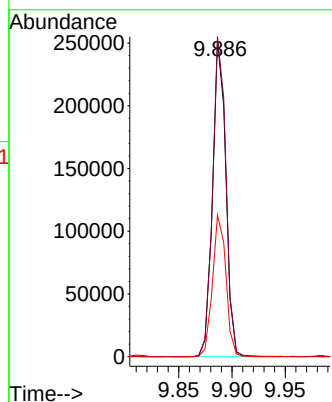
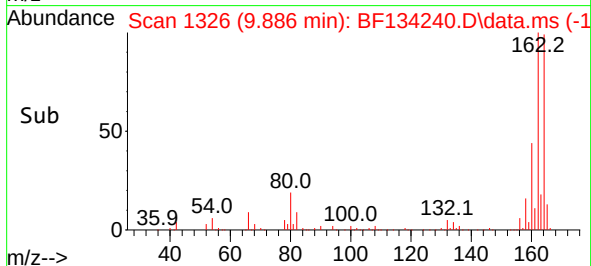
Tgt Ion:164 Resp: 21830
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 44.8 35.9 53.9

Manual Integrations

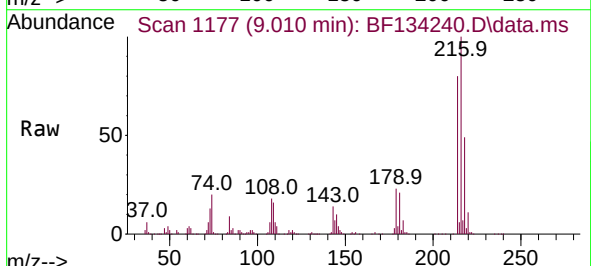
APPROVED

Reviewed By :Yogesh Patel 07/13/2023

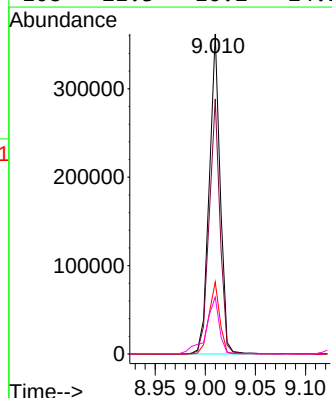
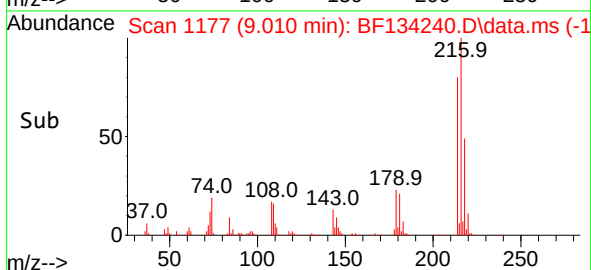
Supervised By :mohammad ahmed 07/13/2023

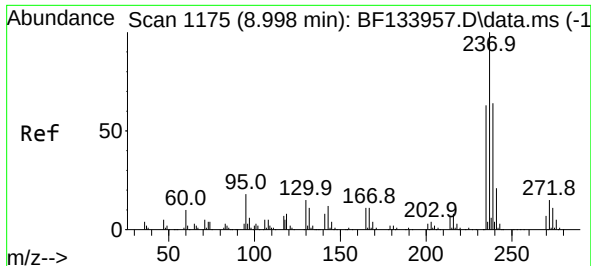


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.806 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion:216 Resp: 276850
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 22.2 17.3 25.9
108 21.3 16.2 24.2





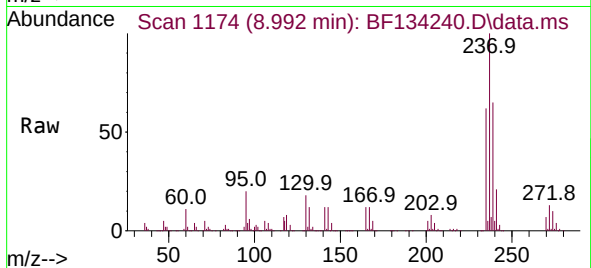
#41
Hexachlorocyclopentadiene
Concen: 80.324 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

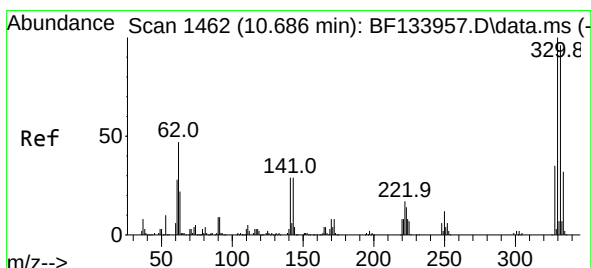
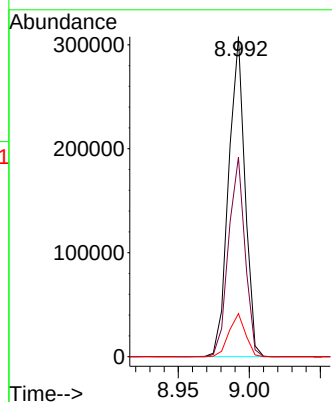
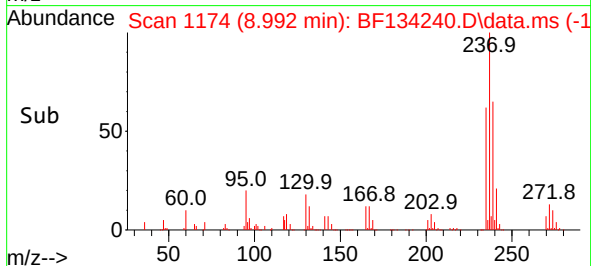


Tgt Ion:237 Resp: 246460
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.4 0.0 34.6

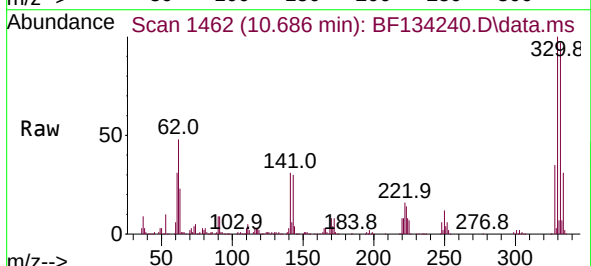
Manual Integrations

APPROVED

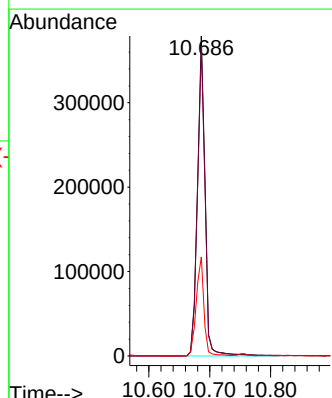
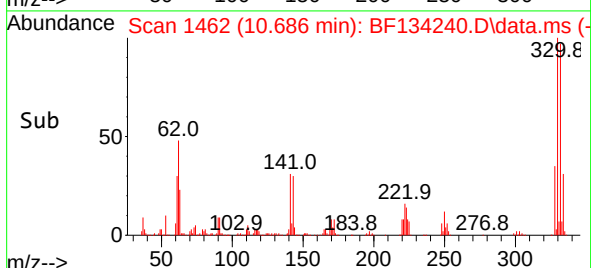
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

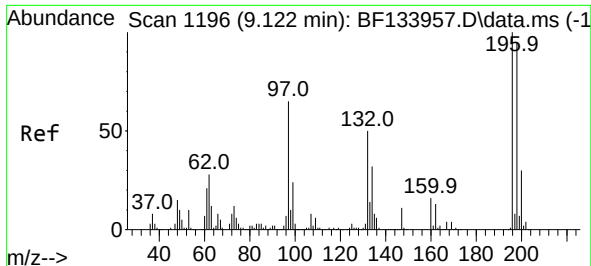


#42
2,4,6-Tribromophenol
Concen: 120.469 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



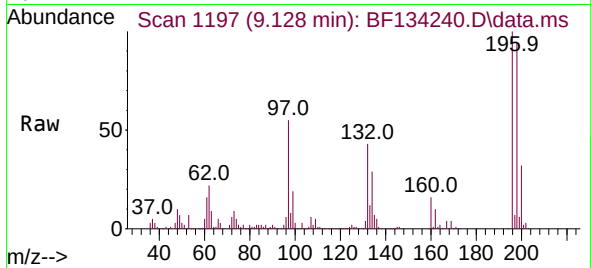
Tgt Ion:330 Resp: 329730
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 31.2 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 42.108 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

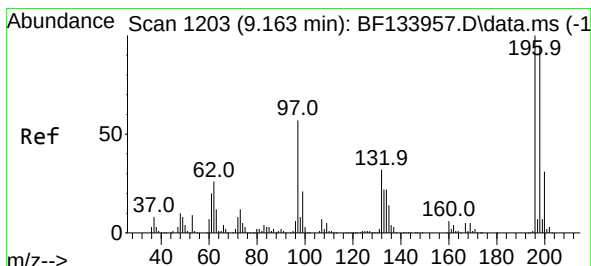
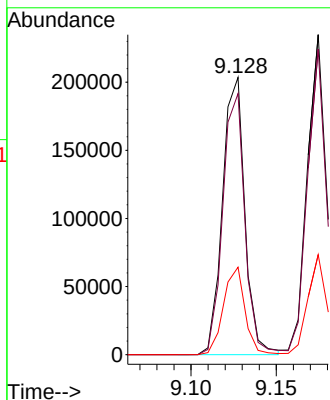
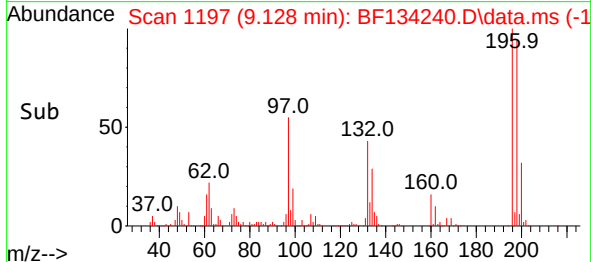
Instrument :
BNA_F
ClientSampleId :
PB154118BS



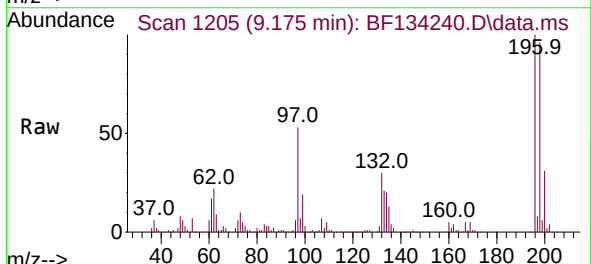
Tgt Ion:196 Resp: 185389
Ion Ratio Lower Upper
196 100
198 94.2 75.6 113.4
200 31.6 24.4 36.6

Manual Integrations
APPROVED

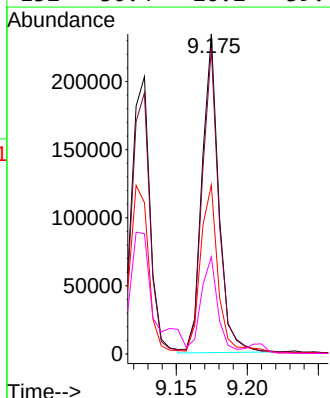
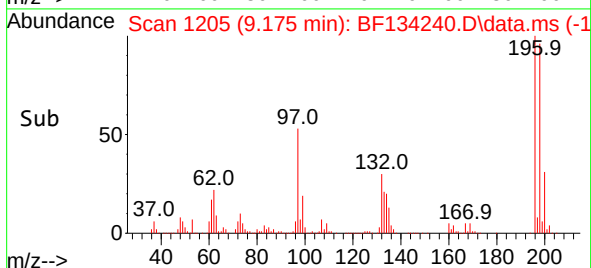
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

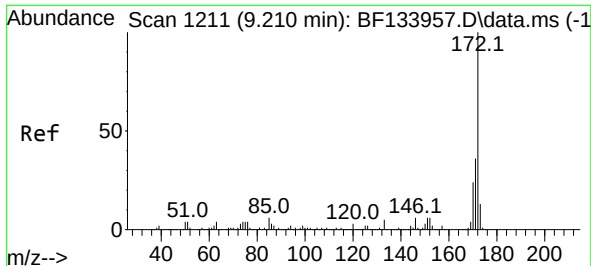


#44
2,4,5-Trichlorophenol
Concen: 37.090 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



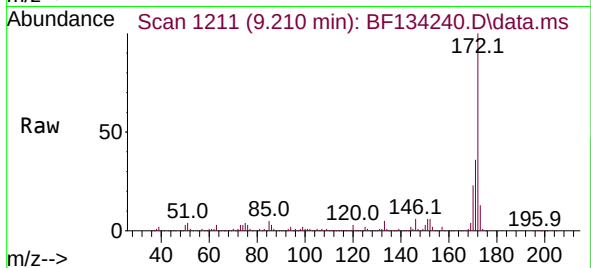
Tgt Ion:196 Resp: 192081
Ion Ratio Lower Upper
196 100
198 95.5 75.7 113.5
97 52.8 45.8 68.6
132 30.4 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 76.937 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

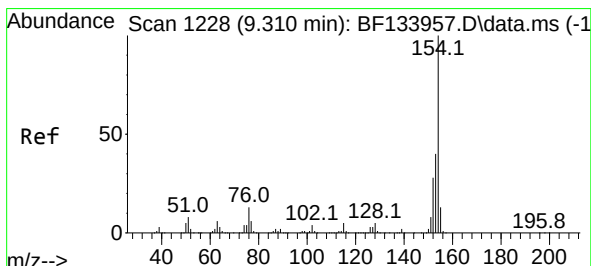
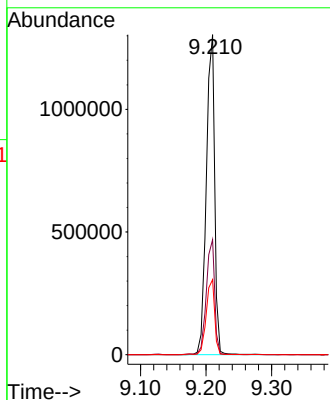
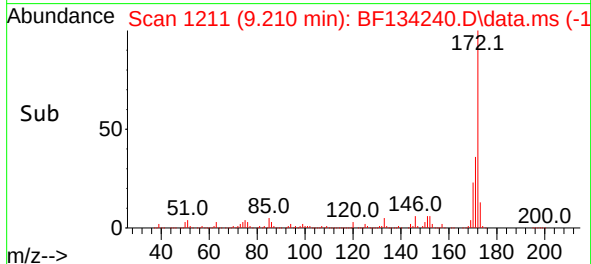
Instrument :
BNA_F
ClientSampleId :
PB154118BS



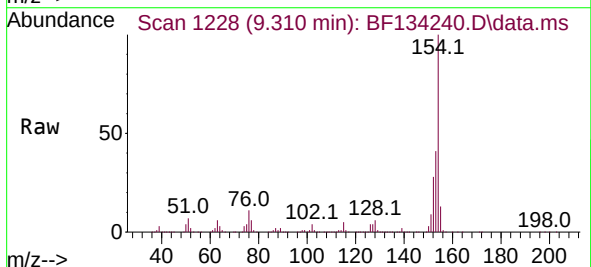
Tgt Ion:172 Resp: 1155209
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.5 19.4 29.0

Manual Integrations
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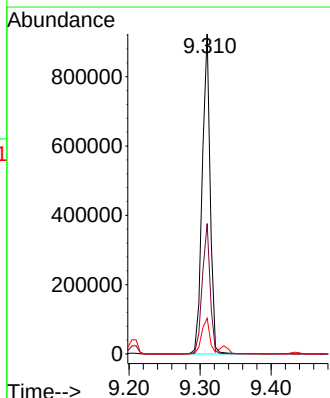
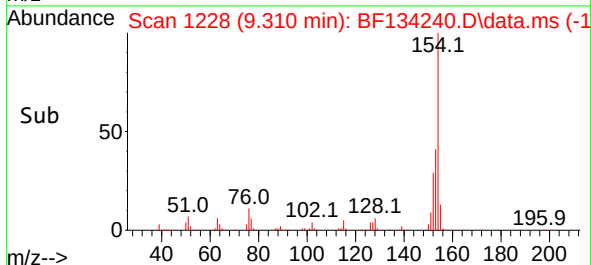
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

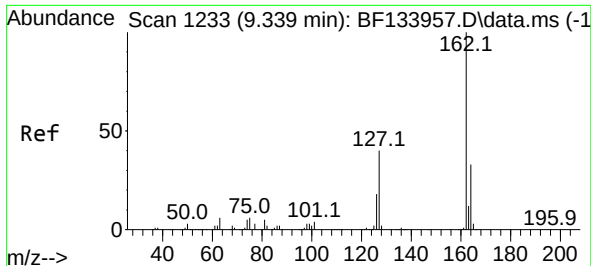


#46
1,1'-Biphenyl
Concen: 41.154 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion:154 Resp: 720655
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 11.2 0.0 32.9





#47
2-Chloronaphthalene
Concen: 41.657 ng
RT: 9.333 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

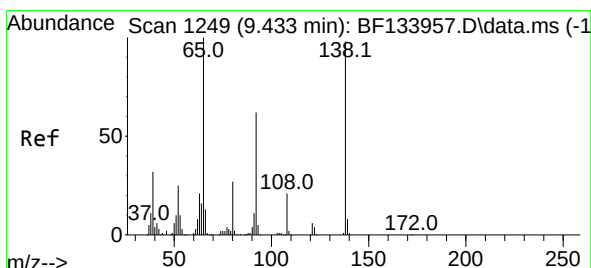
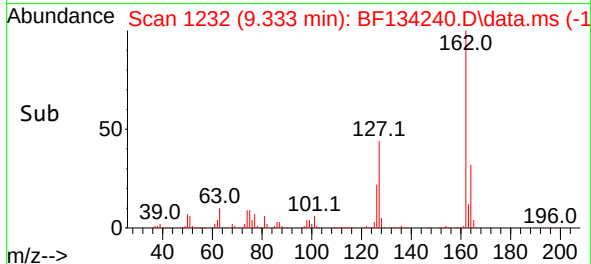
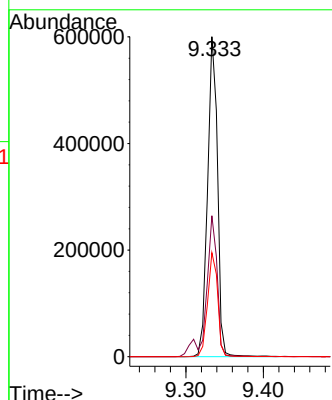
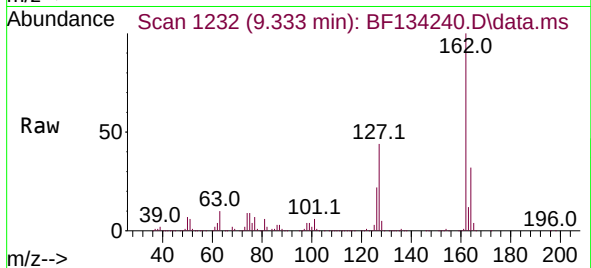
ClientSampleId :

PB154118BS

Tgt Ion:162 Resp: 533720
Ion Ratio Lower Upper
162 100
127 44.0 32.9 49.3
164 32.5 26.1 39.1

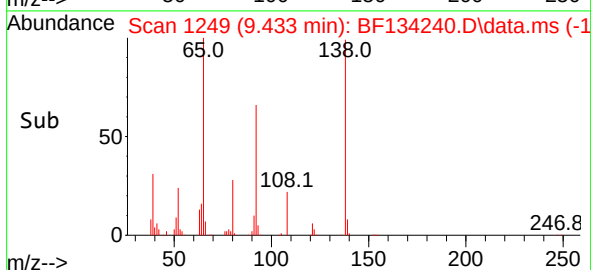
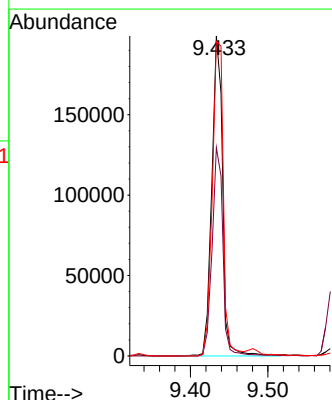
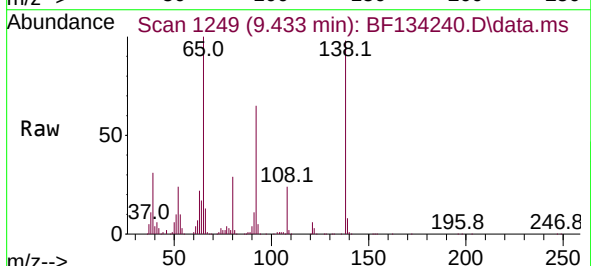
Manual Integrations
APPROVED

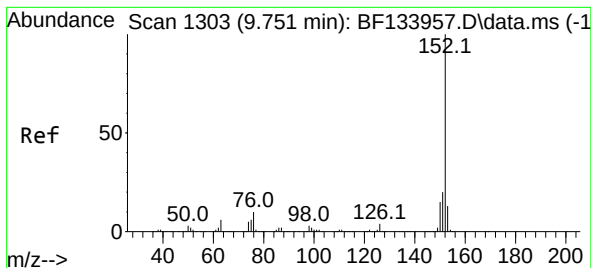
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#48
2-Nitroaniline
Concen: 41.085 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion: 65 Resp: 191844
Ion Ratio Lower Upper
65 100
92 65.1 49.5 74.3
138 98.3 78.0 117.0





#49

Acenaphthylene

Concen: 39.650 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134240.D

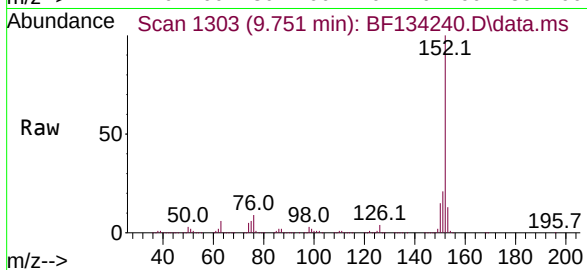
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS



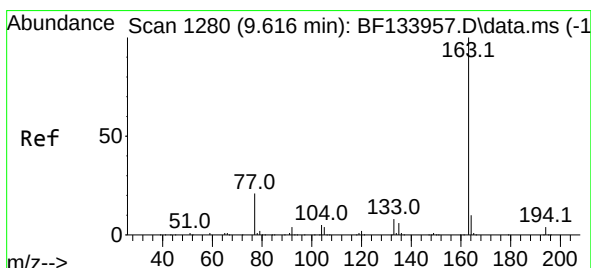
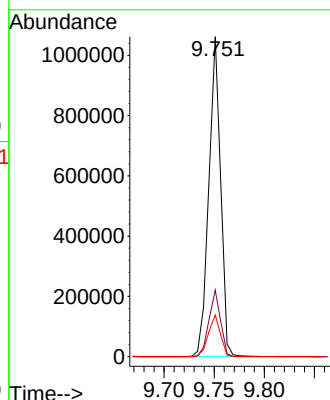
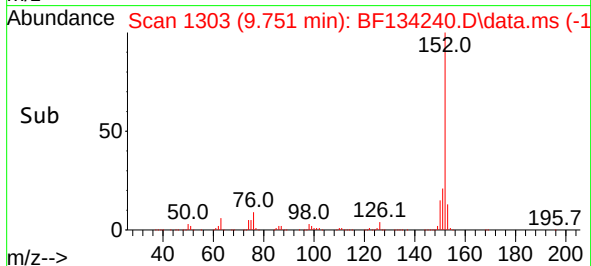
Tgt Ion:	152	Resp:	867820
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.2
153	13.0	10.8	16.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#50

Dimethylphthalate

Concen: 41.957 ng

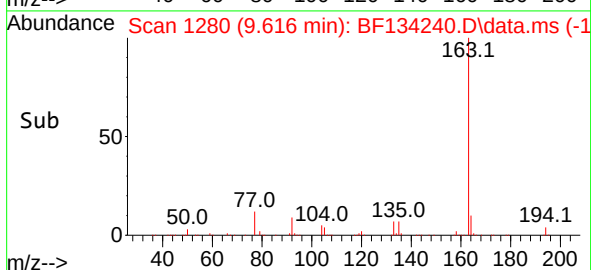
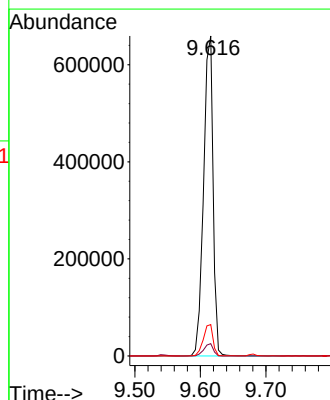
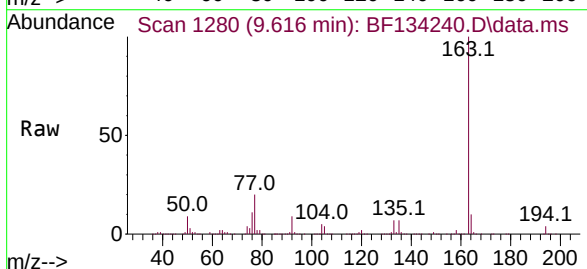
RT: 9.616 min Scan# 1280

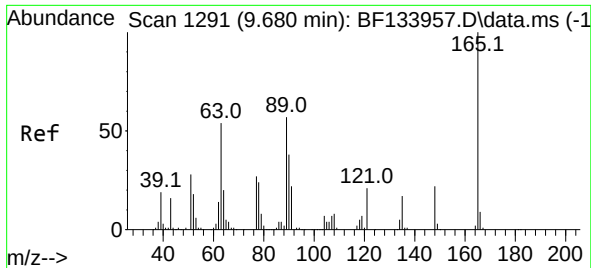
Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:	163	Resp:	664866
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.8	8.2	12.2





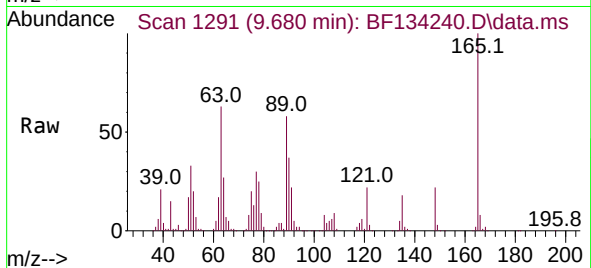
#51
2,6-Dinitrotoluene
Concen: 42.379 ng
RT: 9.680 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

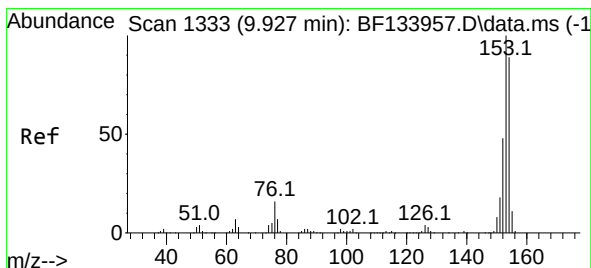
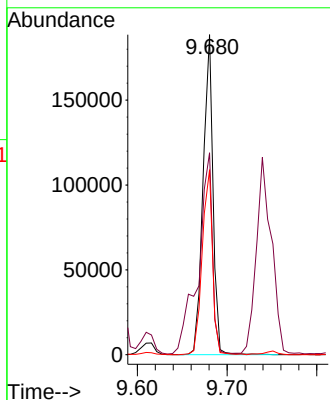
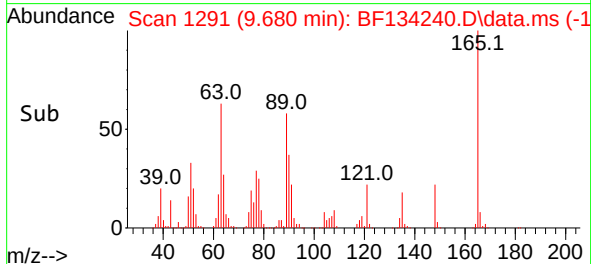


Tgt Ion:165 Resp: 144644
Ion Ratio Lower Upper
165 100
63 63.1 48.5 72.7
89 57.8 45.5 68.3

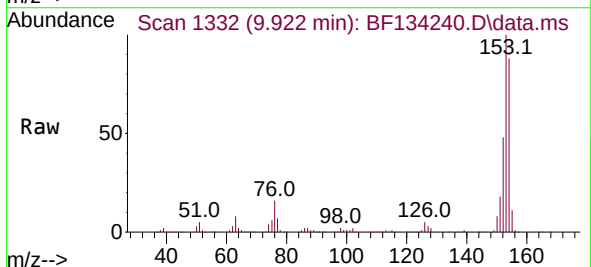
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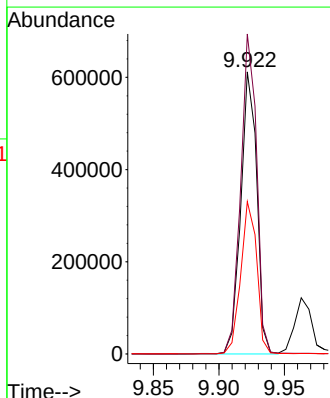
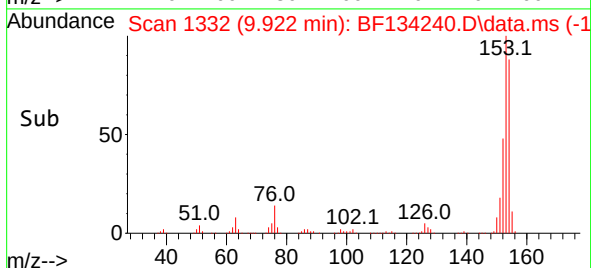
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

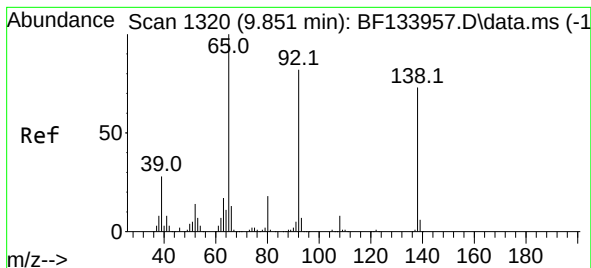


#52
Acenaphthene
Concen: 41.007 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion:154 Resp: 520787
Ion Ratio Lower Upper
154 100
153 113.4 89.4 134.2
152 54.0 42.8 64.2





#53

3-Nitroaniline

Concen: 26.570 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

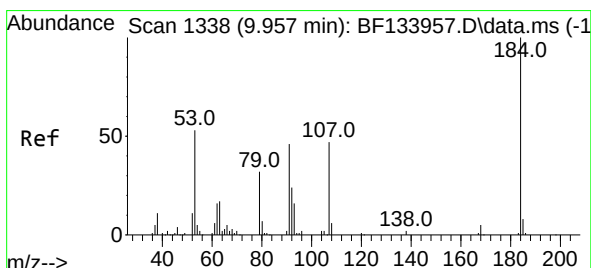
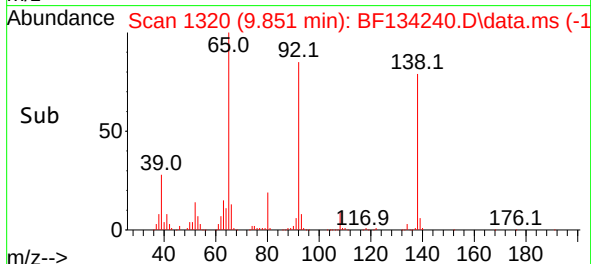
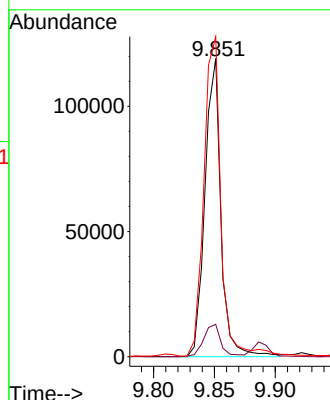
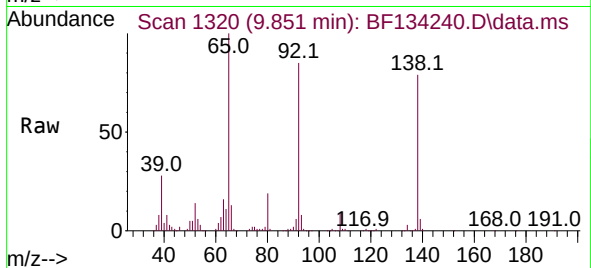
ClientSampleId :

PB154118BS

Tgt Ion:138 Resp: 108794
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.4 12.6
 92 107.3 90.1 135.1

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Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023



#54

2,4-Dinitrophenol

Concen: 82.725 ng

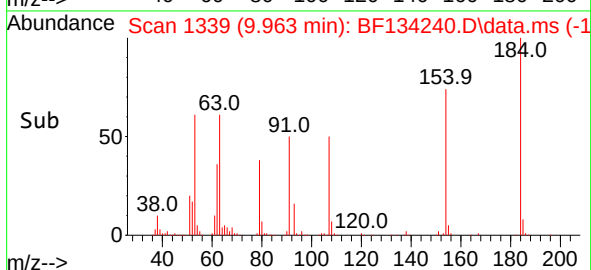
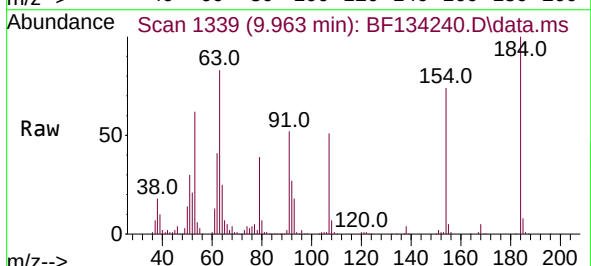
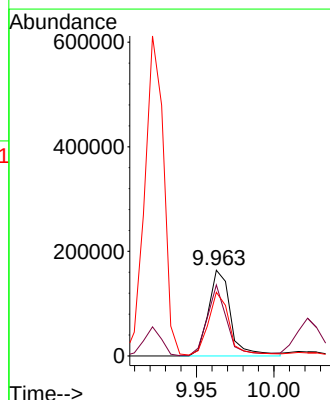
RT: 9.963 min Scan# 1339

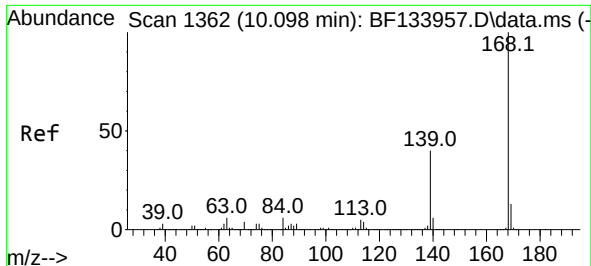
Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

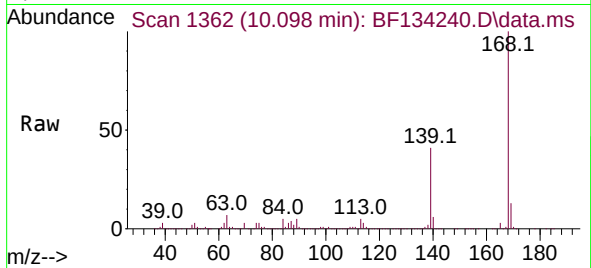
Tgt Ion:184 Resp: 163330
 Ion Ratio Lower Upper
 184 100
 63 82.8 56.9 85.3
 154 74.2 55.4 83.0





#55
Dibenzofuran
Concen: 39.650 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

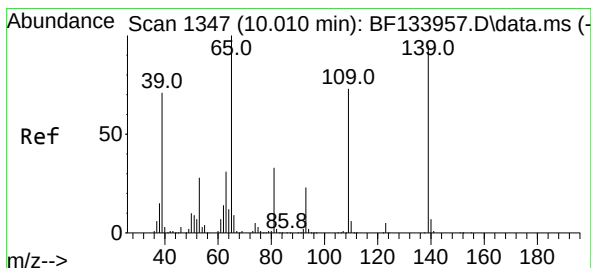
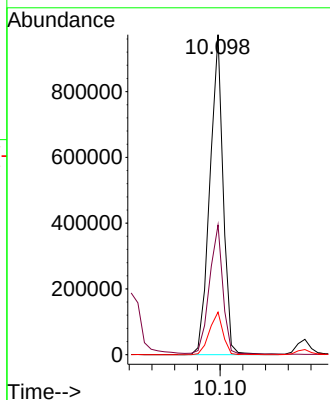
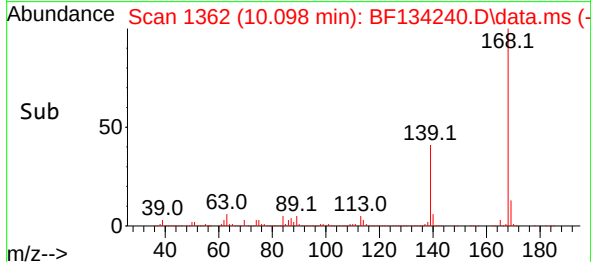
Instrument :
BNA_F
ClientSampleId :
PB154118BS



Tgt Ion:168 Resp: 78696
Ion Ratio Lower Upper
168 100
139 40.5 32.0 48.0
169 13.3 10.6 16.0

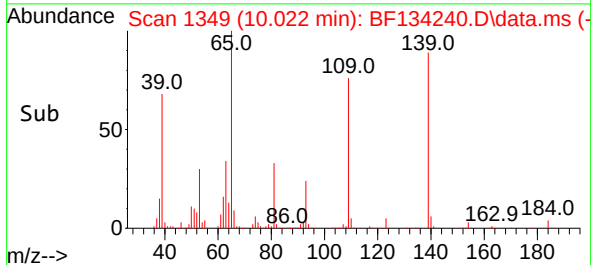
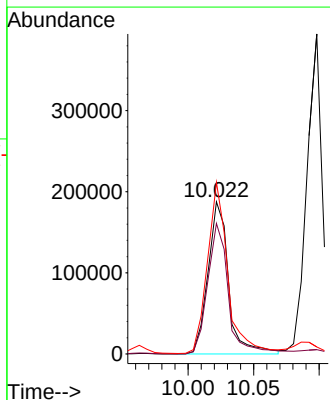
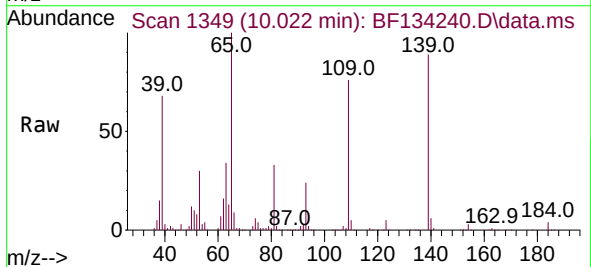
Manual Integrations
APPROVED

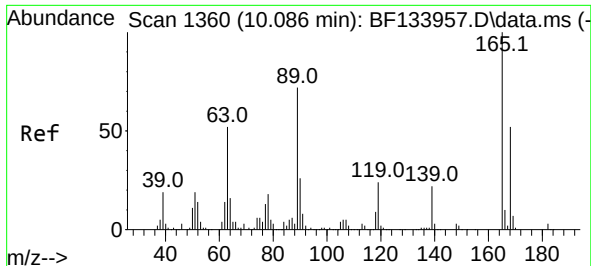
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#56
4-Nitrophenol
Concen: 71.720 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:139 Resp: 205413
Ion Ratio Lower Upper
139 100
109 85.8 56.8 96.8
65 112.8 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 42.176 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

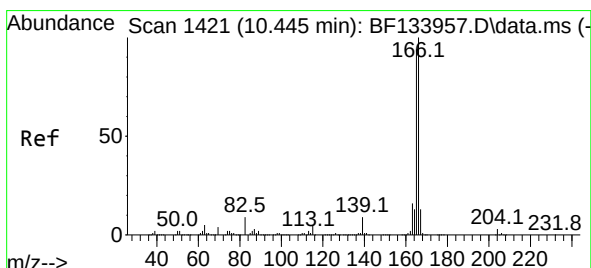
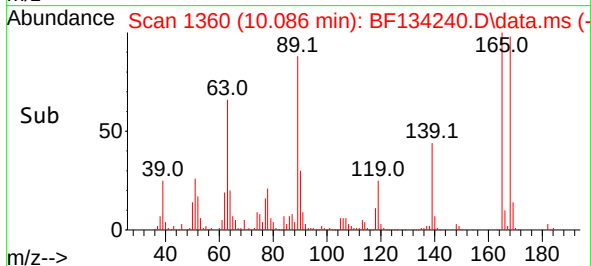
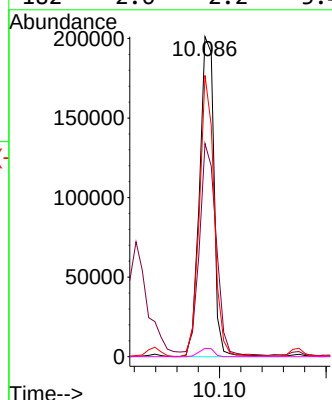
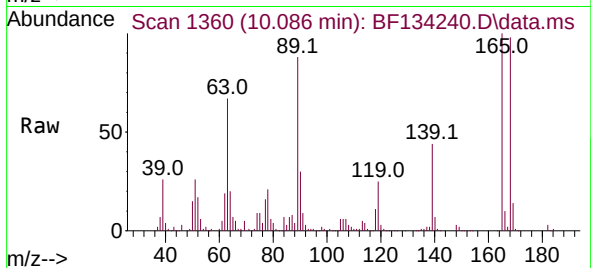
PB154118BS

Tgt Ion:165 Resp: 190104
Ion Ratio Lower Upper
165 100
63 66.6 42.2 63.2
89 87.9 57.4 86.2
182 2.6 2.2 3.4

Manual Integrations

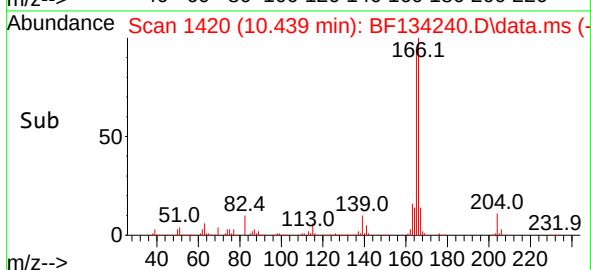
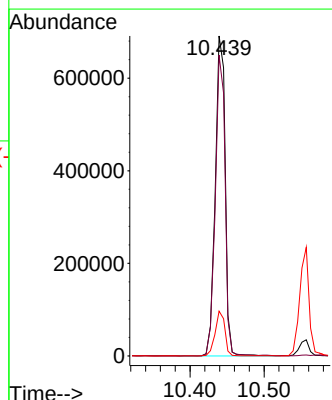
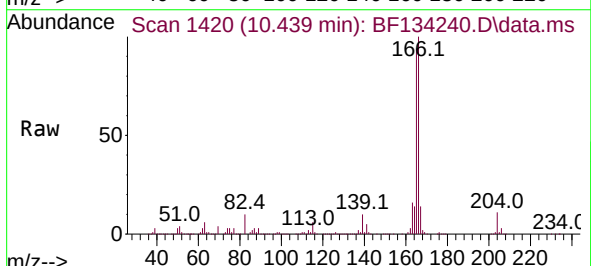
APPROVED

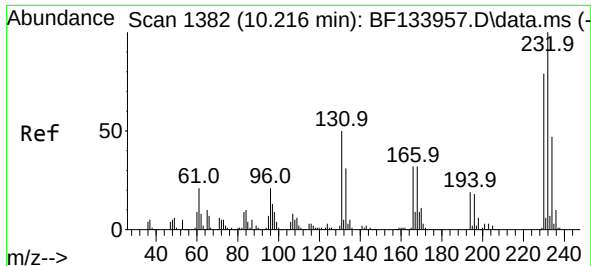
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#58
Fluorene
Concen: 41.503 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

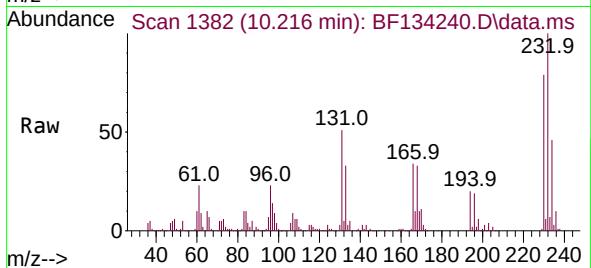
Tgt Ion:166 Resp: 640869
Ion Ratio Lower Upper
166 100
165 94.0 75.0 112.4
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.556 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

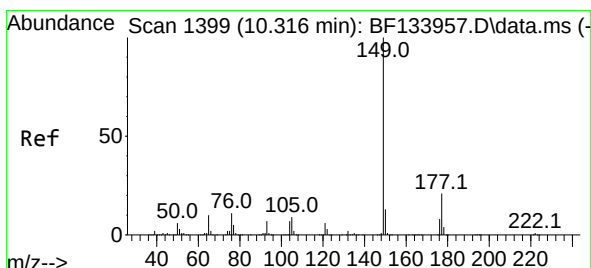
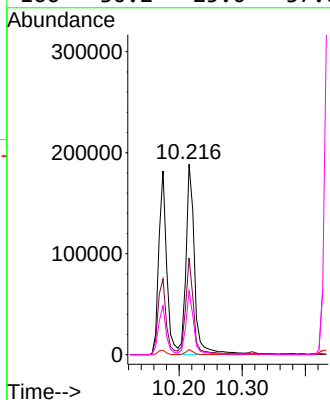
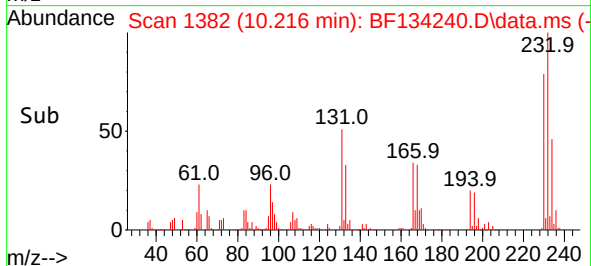
Instrument :
BNA_F
ClientSampleId :
PB154118BS



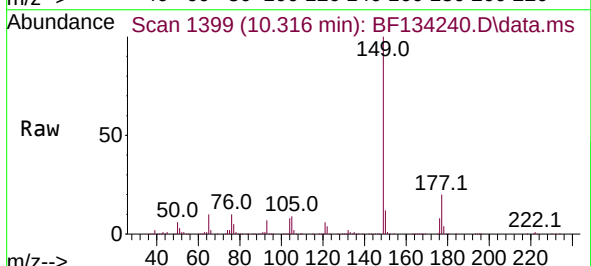
Tgt Ion:232 Resp: 177921
Ion Ratio Lower Upper
232 100
131 47.0 39.3 58.9
130 2.5 1.8 2.6
166 30.2 25.0 37.6

Manual Integrations
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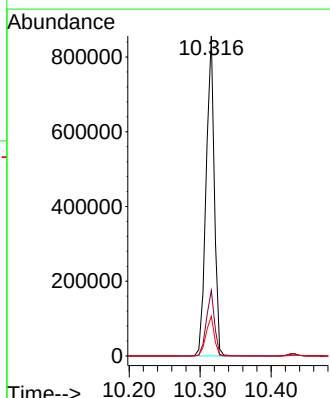
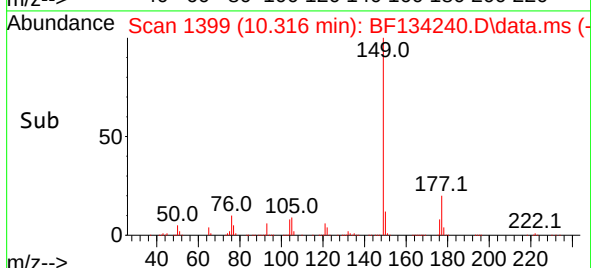
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

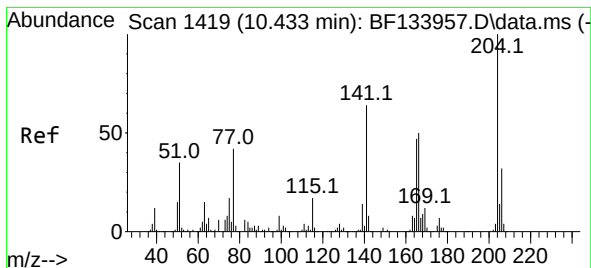


#60
Diethylphthalate
Concen: 41.778 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



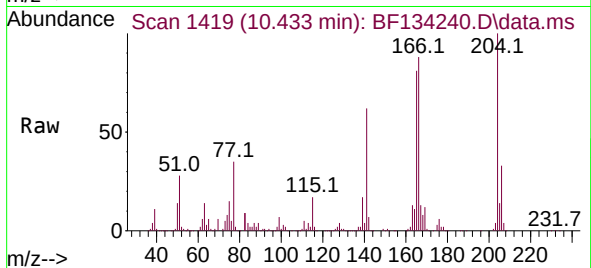
Tgt Ion:149 Resp: 689737
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.901 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

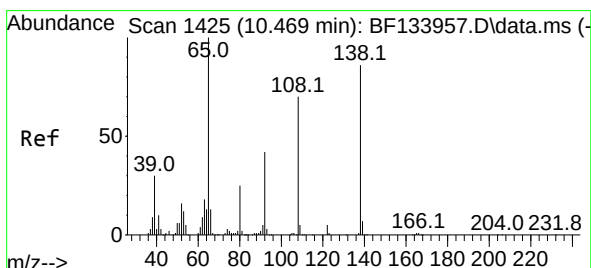
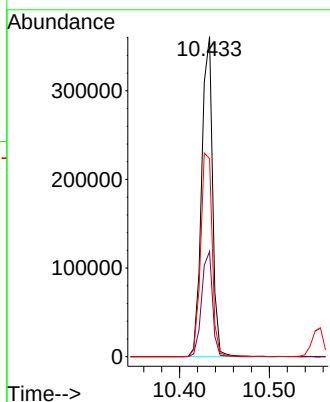
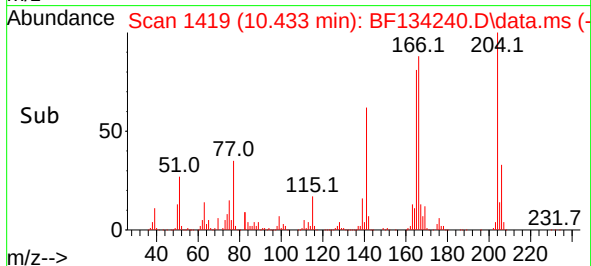
Instrument :
BNA_F
ClientSampleId :
PB154118BS



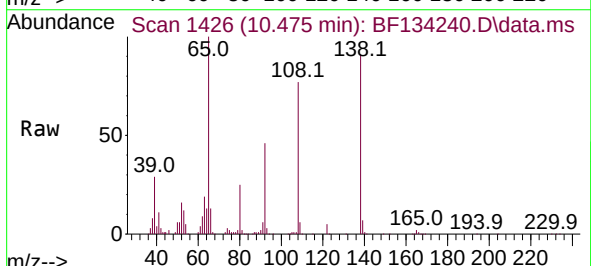
Tgt Ion:204 Resp: 304360
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 61.9 51.5 77.3

Manual Integrations
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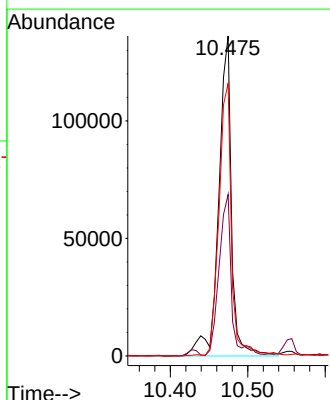
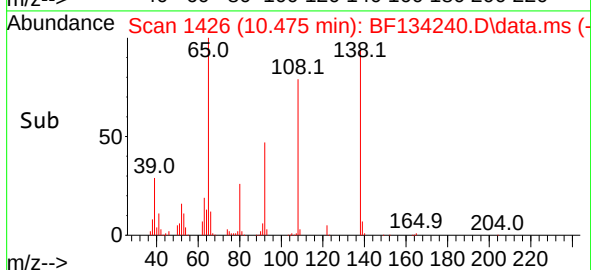
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

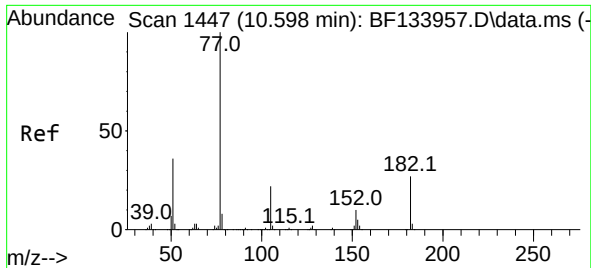


#62
4-Nitroaniline
Concen: 37.884 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



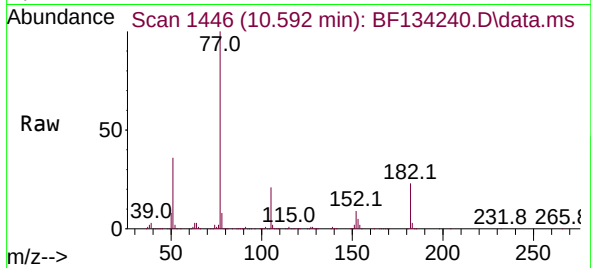
Tgt Ion:138 Resp: 156326
Ion Ratio Lower Upper
138 100
92 50.5 29.7 69.7
108 85.2 62.1 102.1





#63
Azobenzene
Concen: 40.561 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

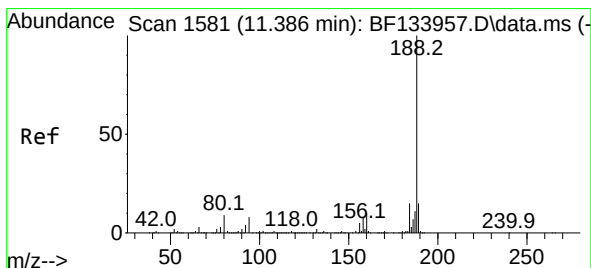
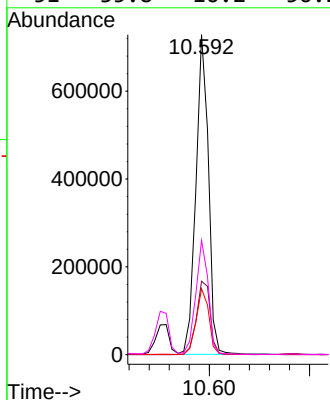
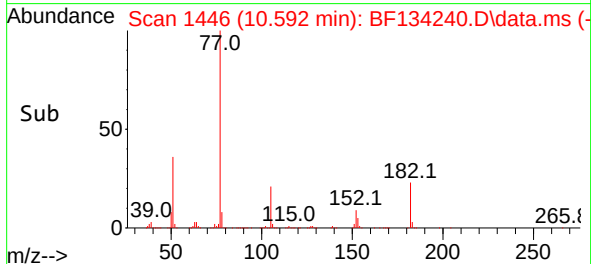
Instrument :
BNA_F
ClientSampleId :
PB154118BS



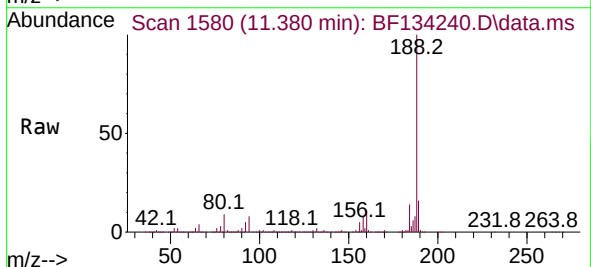
Tgt Ion: 77 Resp: 633434
Ion Ratio Lower Upper
77 100
182 22.9 6.8 46.8
105 20.6 2.3 42.3
51 35.8 16.2 56.2

Manual Integrations
APPROVED

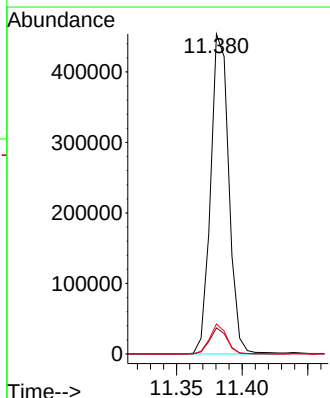
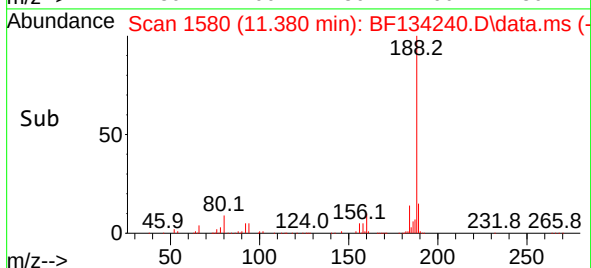
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

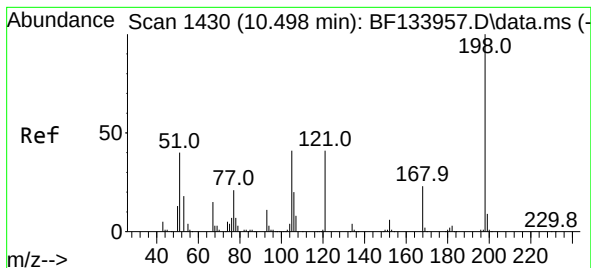


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



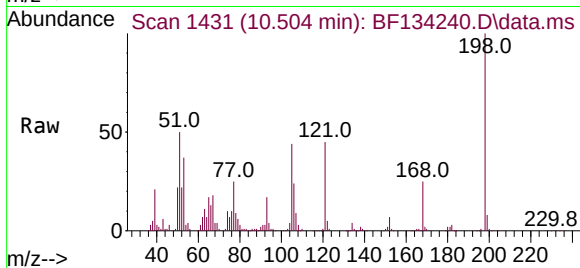
Tgt Ion:188 Resp: 438795
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 9.4 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.420 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

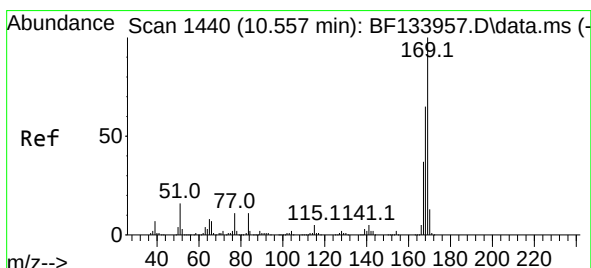
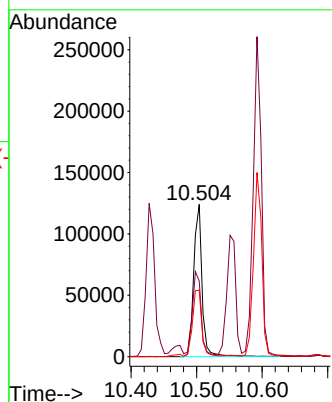
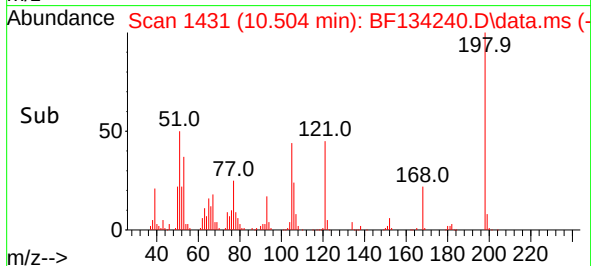
Instrument :
BNA_F
ClientSampleId :
PB154118BS



Tgt Ion:198 Resp: 111049
Ion Ratio Lower Upper
198 100
51 49.7 29.3 69.3
105 43.7 22.4 62.4

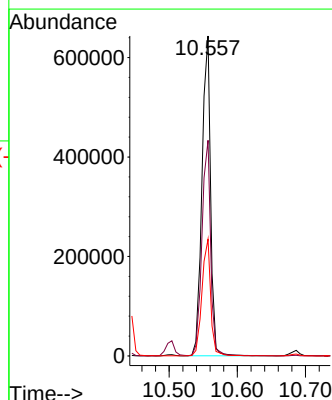
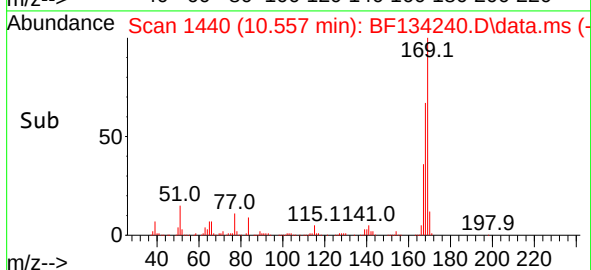
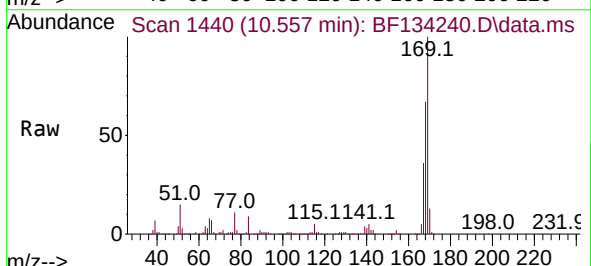
Manual Integrations
APPROVED

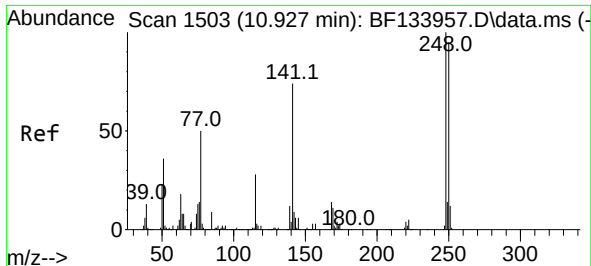
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#66
n-Nitrosodiphenylamine
Concen: 40.203 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:169 Resp: 563627
Ion Ratio Lower Upper
169 100
168 67.4 52.3 78.5
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 41.283 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

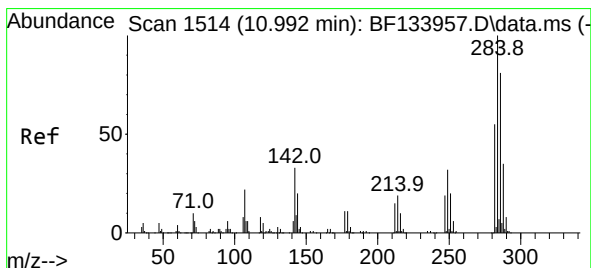
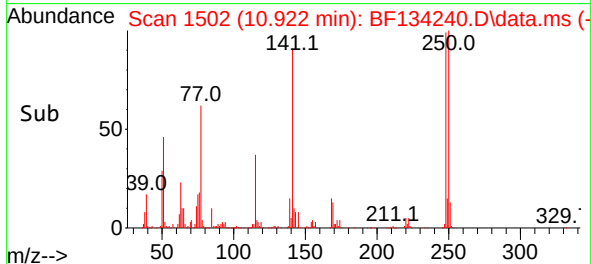
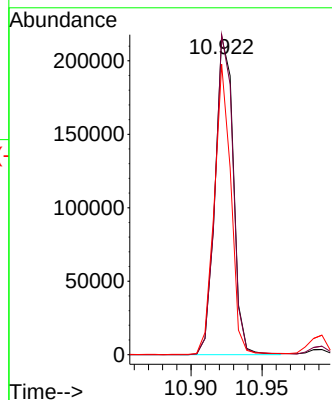
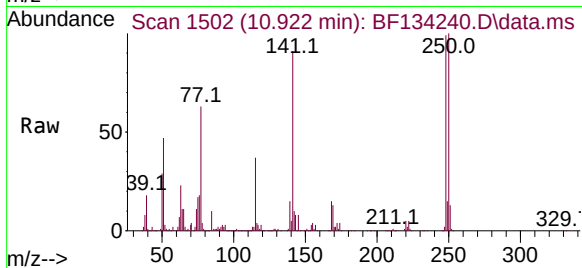
PB154118BS

Tgt Ion:248 Resp: 192539
Ion Ratio Lower Upper
248 100
250 100.5 76.2 114.4
141 91.3 59.0 88.4

Manual Integrations

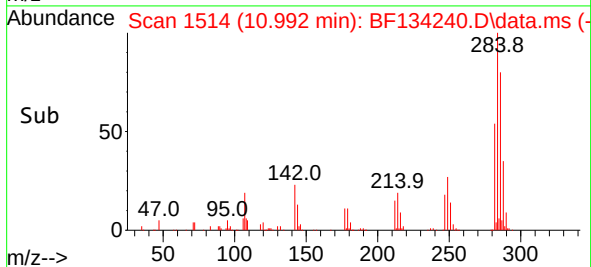
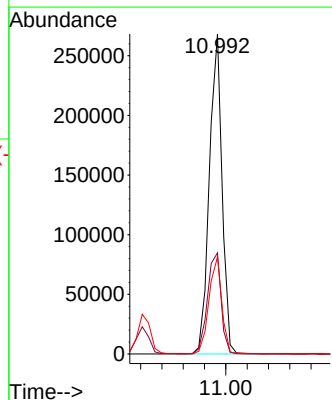
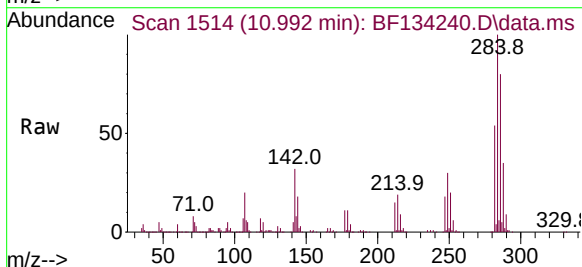
APPROVED

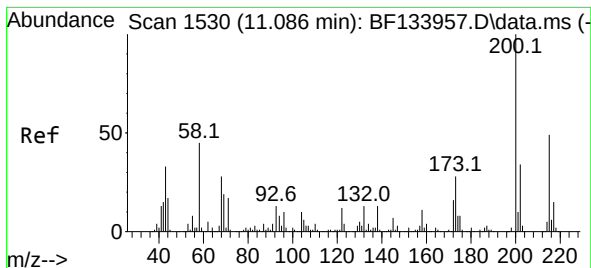
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#68
Hexachlorobenzene
Concen: 44.970 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:284 Resp: 222690
Ion Ratio Lower Upper
284 100
142 31.6 26.6 40.0
249 30.3 25.5 38.3





#69

Atrazine

Concen: 40.378 ng

RT: 11.086 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

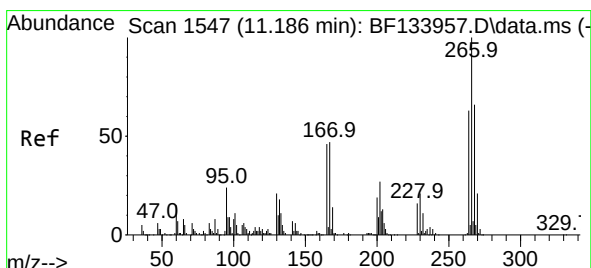
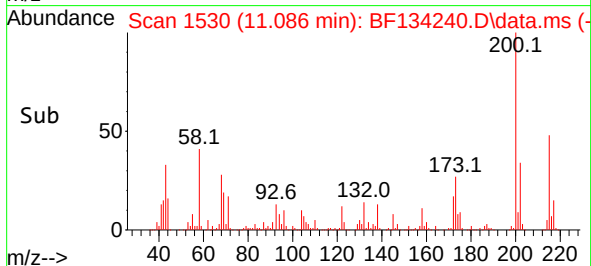
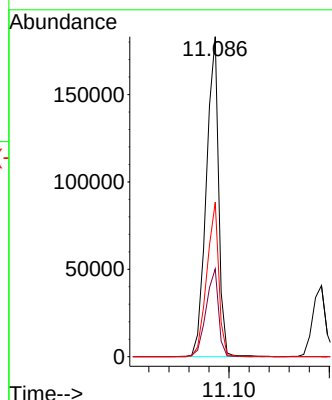
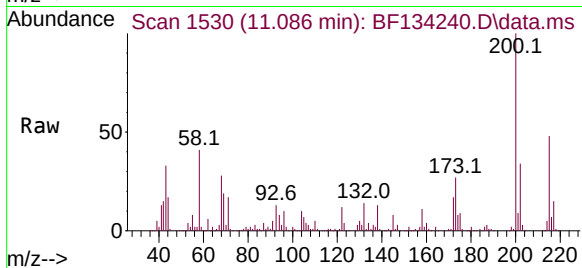
PB154118BS

Tgt Ion:200 Resp: 156583
 Ion Ratio Lower Upper
 200 100
 173 27.4 8.0 48.0
 215 48.3 29.3 69.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023



#70

Pentachlorophenol

Concen: 68.020 ng

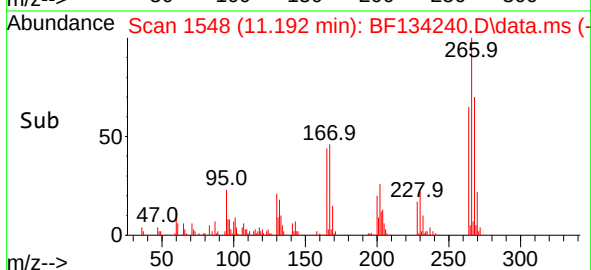
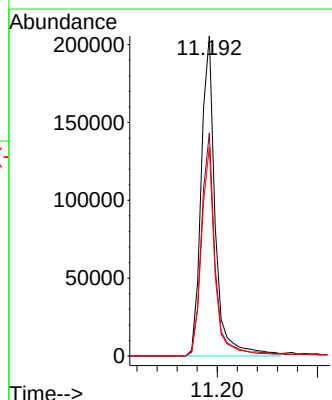
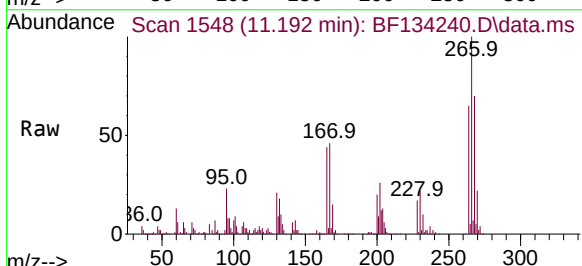
RT: 11.192 min Scan# 1548

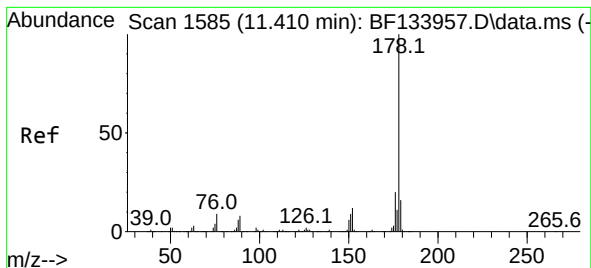
Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:266 Resp: 201396
 Ion Ratio Lower Upper
 266 100
 268 69.6 52.6 79.0
 264 65.3 50.6 76.0





#71

Phenanthrene

Concen: 40.883 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

Tgt Ion:178 Resp: 90310

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

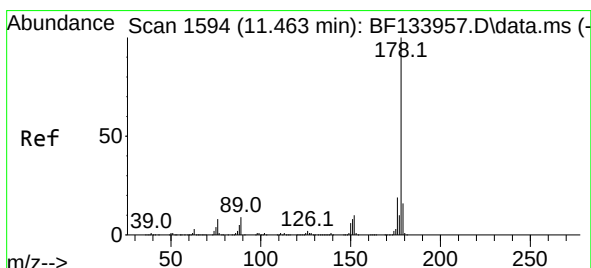
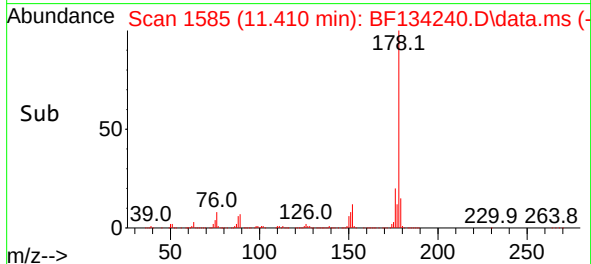
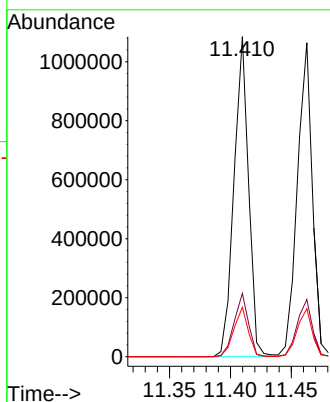
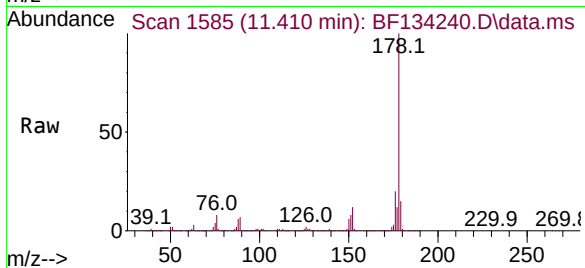
179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#72

Anthracene

Concen: 40.553 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

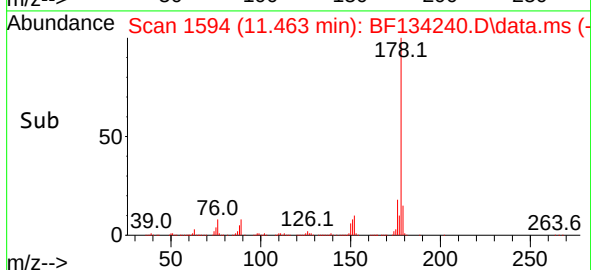
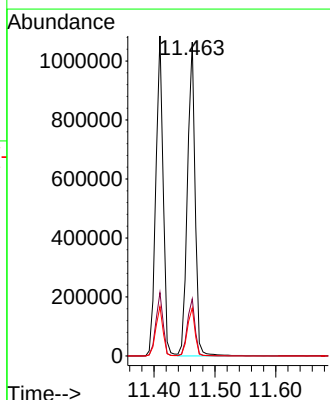
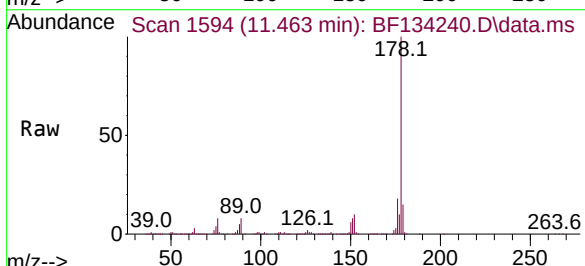
Tgt Ion:178 Resp: 931745

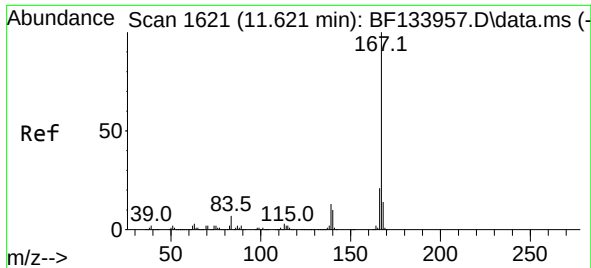
Ion Ratio Lower Upper

178 100

176 18.2 15.3 22.9

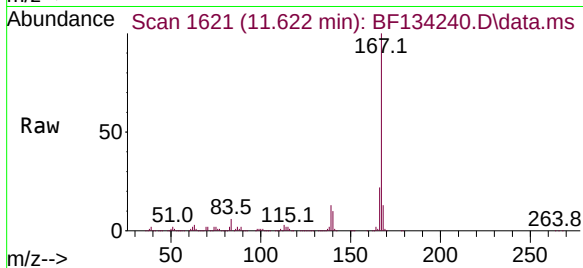
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 41.597 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.006 min
 Lab File: BF134240.D
 Acq: 12 Jul 2023 11:09

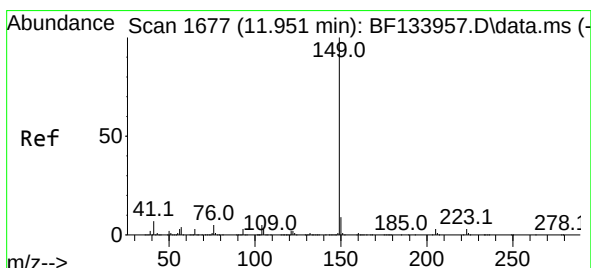
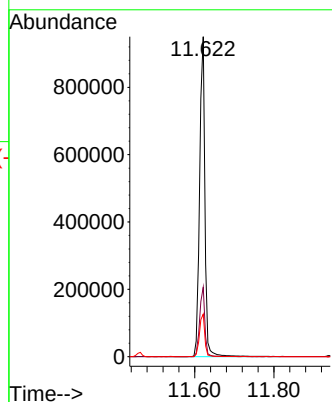
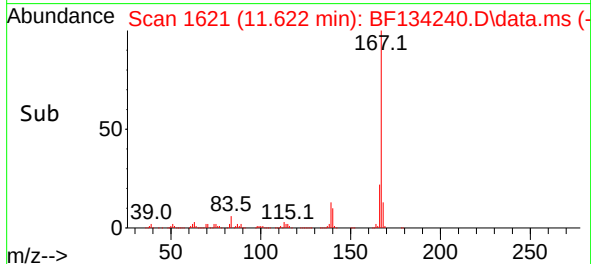
Instrument :
 BNA_F
 ClientSampleId :
 PB154118BS



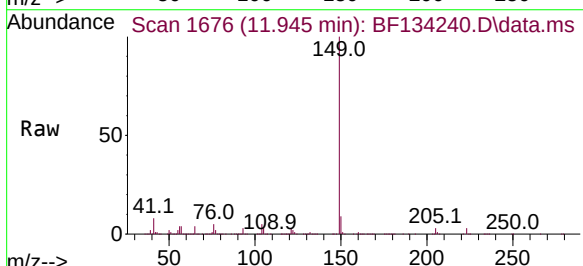
Tgt Ion:167 Resp: 874777
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 10.4 15.6

Manual Integrations
 APPROVED

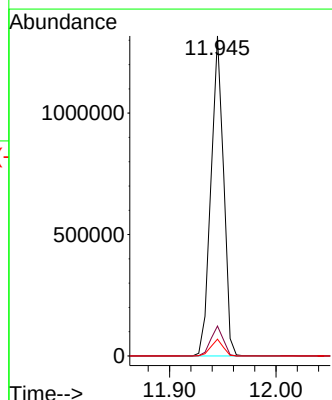
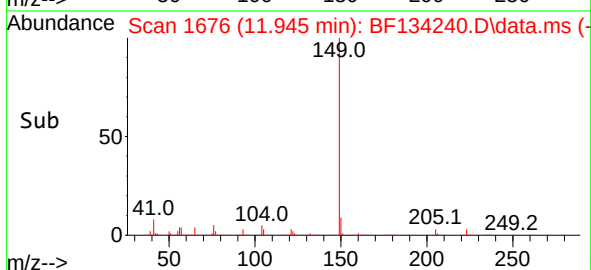
Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023

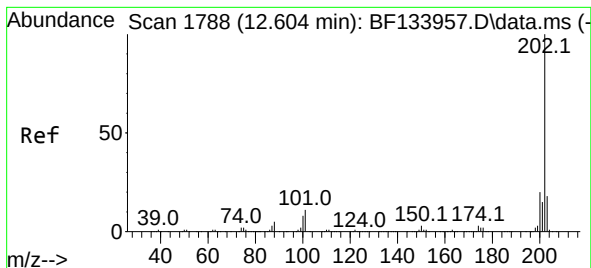


#74
 Di-n-butylphthalate
 Concen: 43.330 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF134240.D
 Acq: 12 Jul 2023 11:09



Tgt Ion:149 Resp: 1083619
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 41.315 ng

RT: 12.604 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

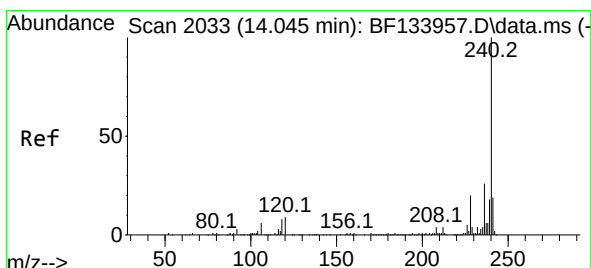
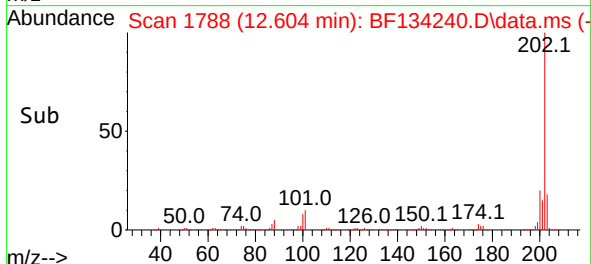
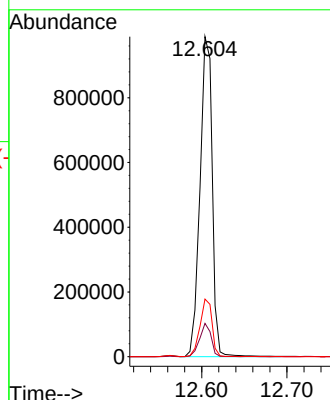
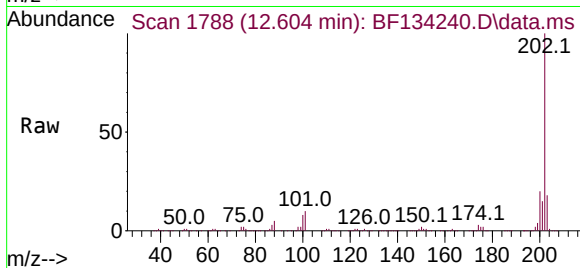
Tgt Ion:	202	Resp:	98664
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.0
203	18.0	0.0	37.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#76

Chrysene-d12

Concen: 20.000 ng

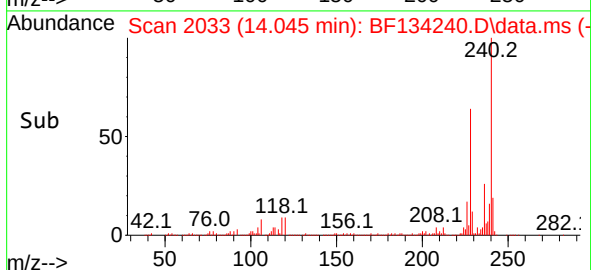
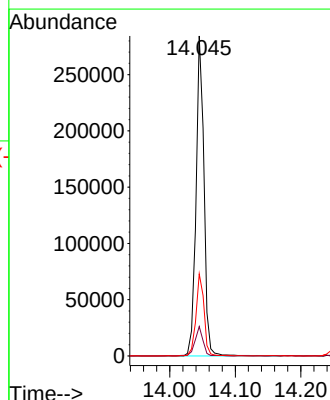
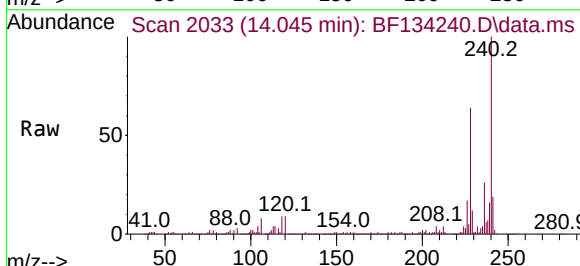
RT: 14.045 min Scan# 2033

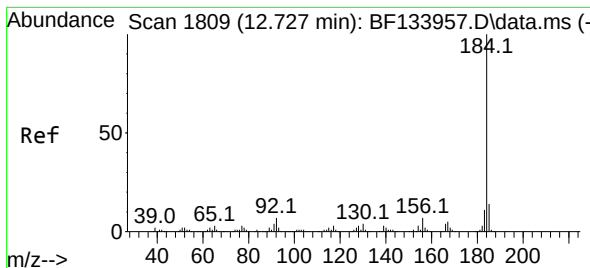
Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:	240	Resp:	239795
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.4	11.0
236	25.6	21.0	31.6





#77

Benzidine

Concen: 20.435 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134240.D

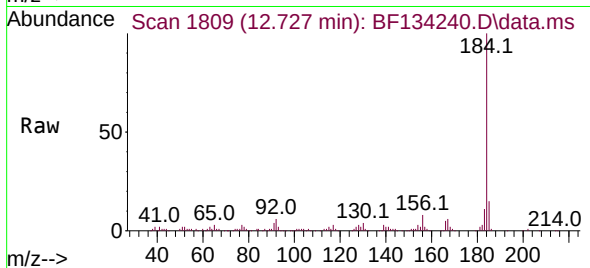
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS



Tgt Ion:184 Resp: 116599

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

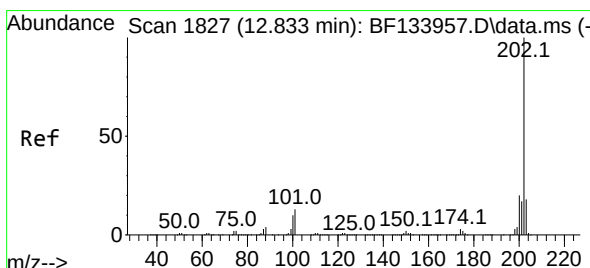
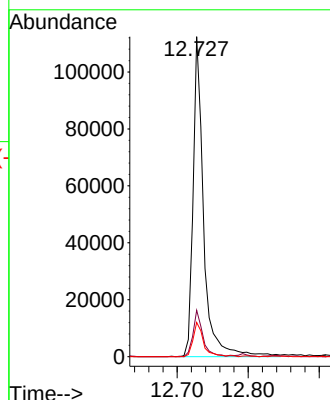
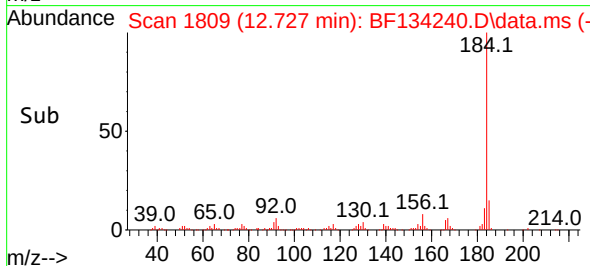
183 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#78

Pyrene

Concen: 43.530 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

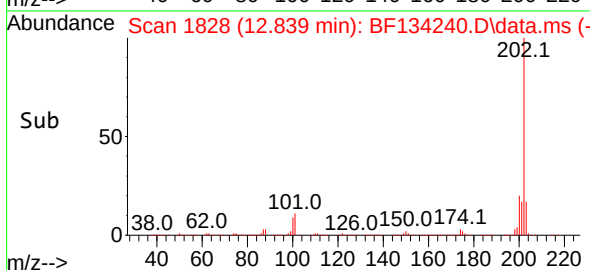
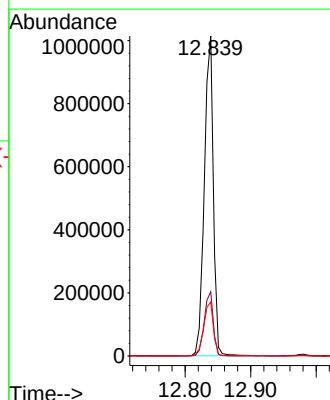
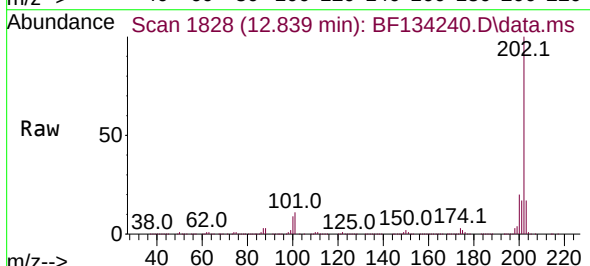
Tgt Ion:202 Resp: 971419

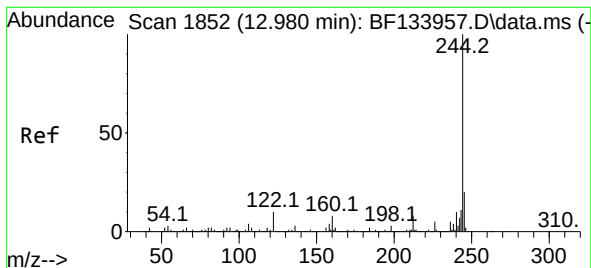
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 16.8 14.3 21.5





#79

Terphenyl-d14

Concen: 92.681 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

Tgt Ion:244 Resp: 1380892

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

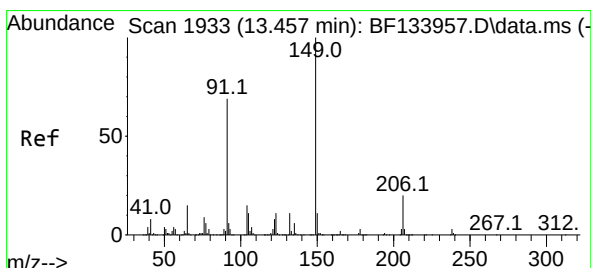
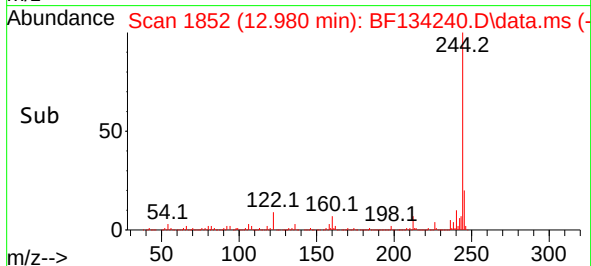
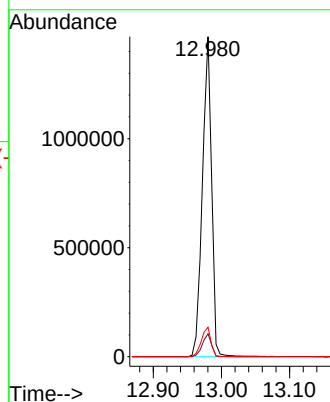
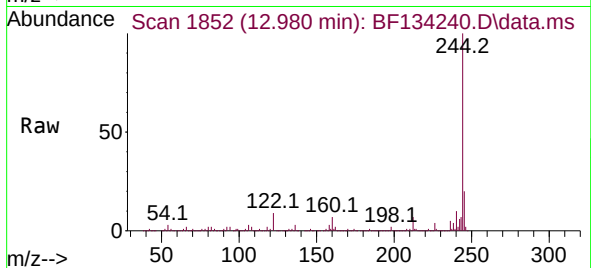
122 9.2 8.3 12.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#80

Butylbenzylphthalate

Concen: 47.247 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

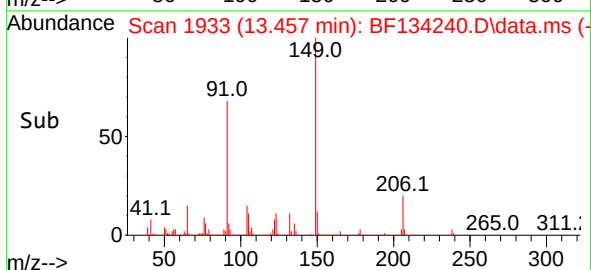
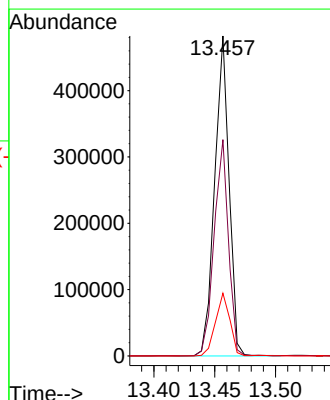
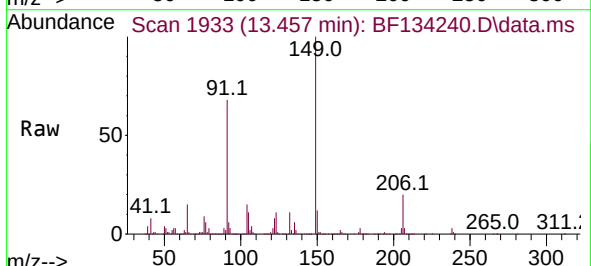
Tgt Ion:149 Resp: 395436

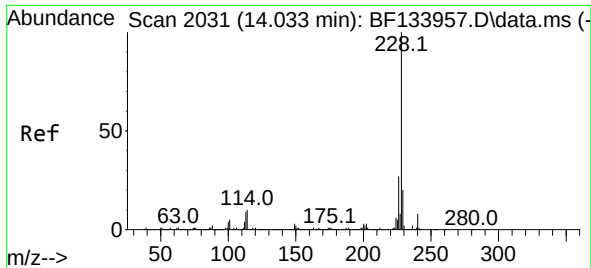
Ion Ratio Lower Upper

149 100

91 67.6 55.1 82.7

206 19.6 15.7 23.5





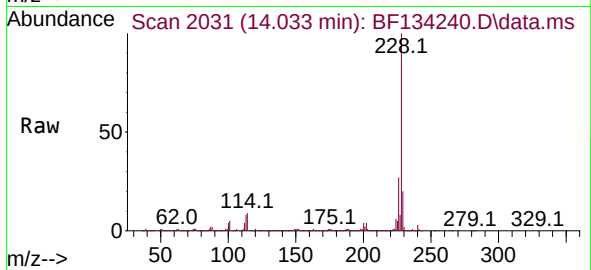
#81
Benzo(a)anthracene
Concen: 41.442 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

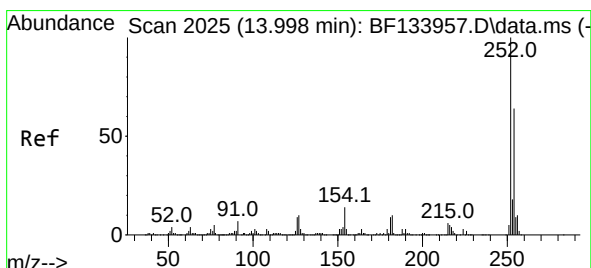
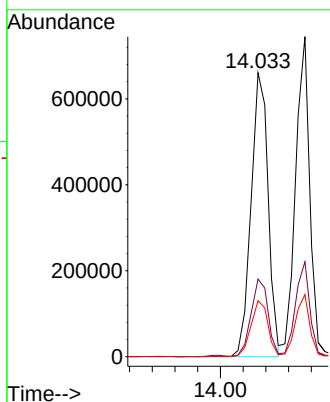
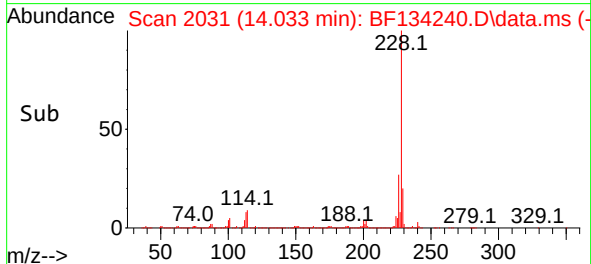


Tgt Ion:228 Resp: 68919
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 19.7 16.3 24.5

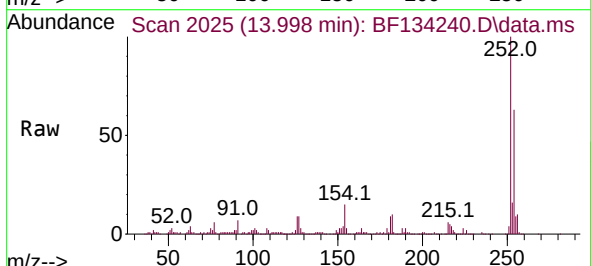
Manual Integrations

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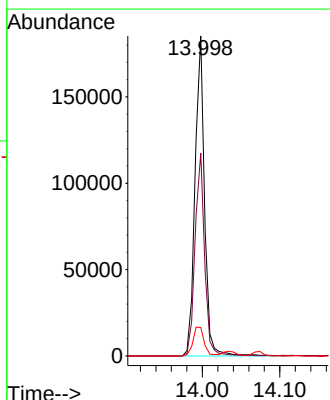
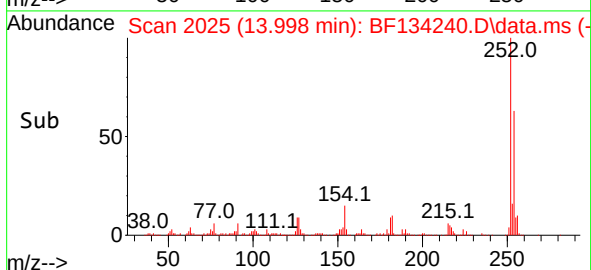
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

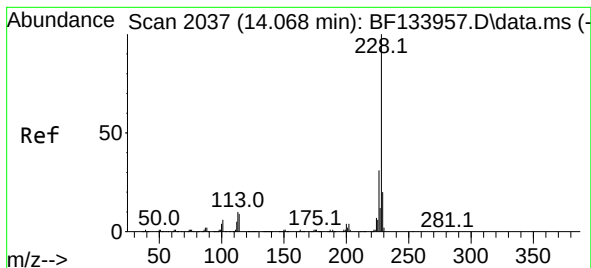


#82
3,3'-Dichlorobenzidine
Concen: 30.031 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09



Tgt Ion:252 Resp: 158227
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 8.9 7.4 11.2





#83

Chrysene

Concen: 40.698 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

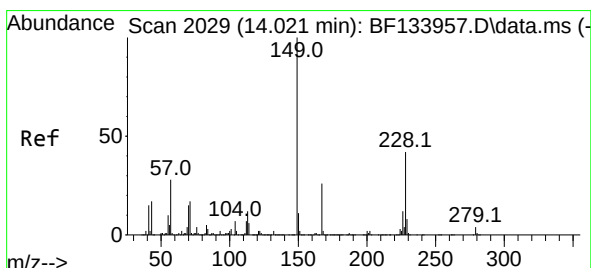
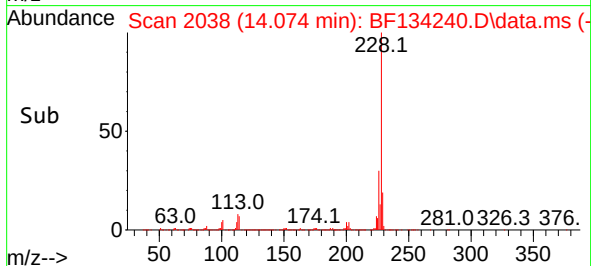
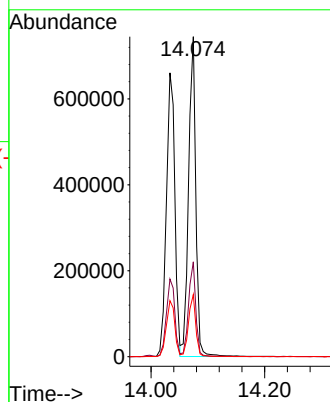
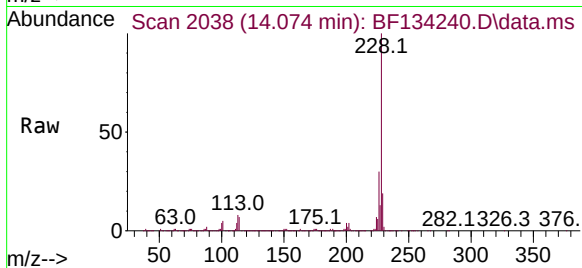
PB154118BS

Tgt Ion:228 Resp: 655539
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.4 36.6
 229 19.4 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.539 ng

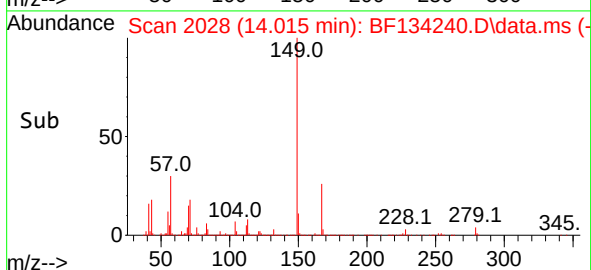
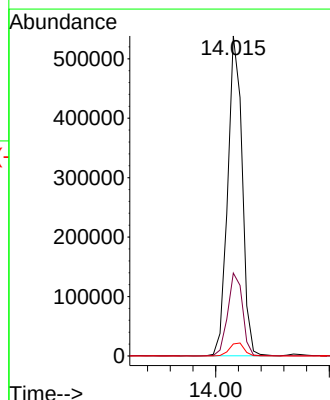
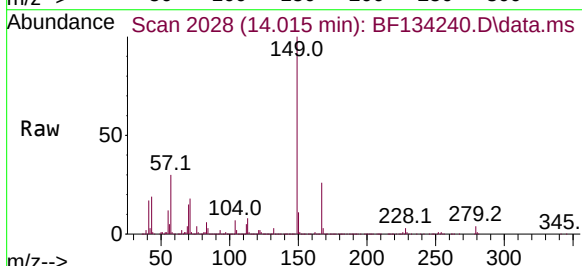
RT: 14.015 min Scan# 2028

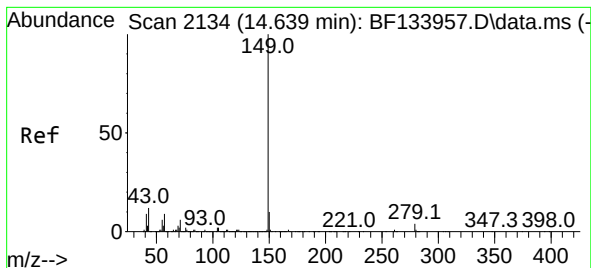
Delta R.T. 0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:149 Resp: 476422
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.513 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB154118BS

Tgt Ion:149 Resp: 68554

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

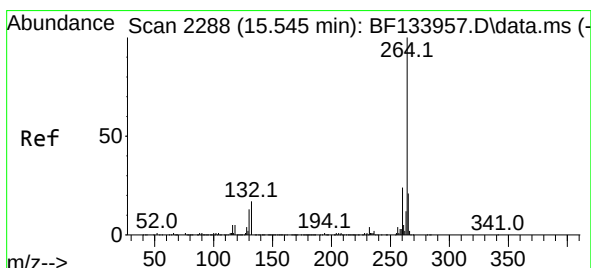
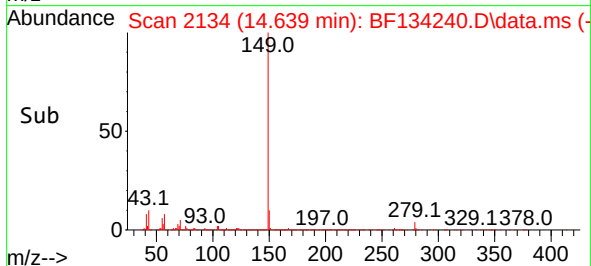
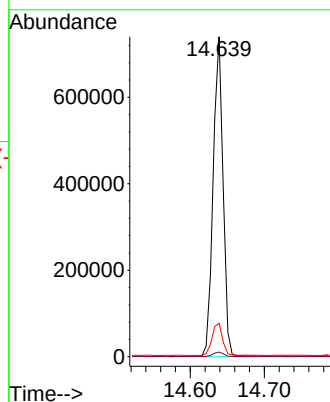
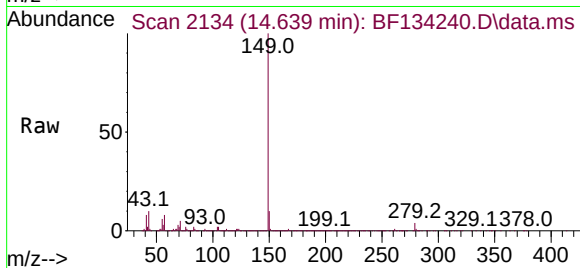
43 10.6 9.0 13.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

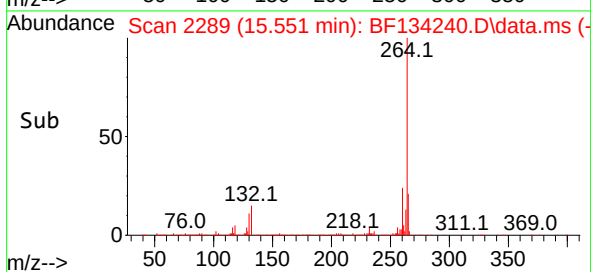
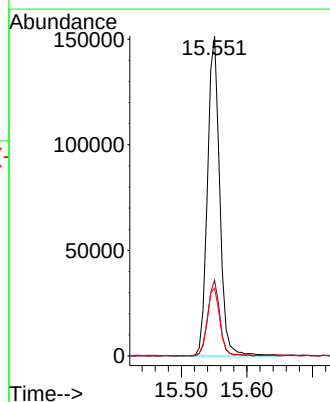
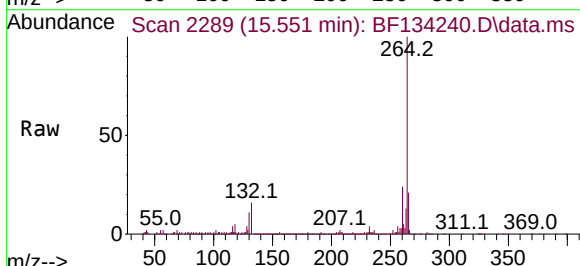
Tgt Ion:264 Resp: 196609

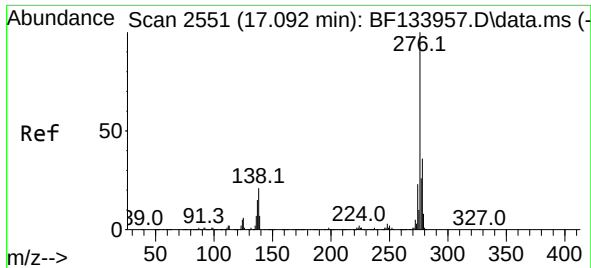
Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.2 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.075 ng
RT: 17.104 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

ClientSampleId :

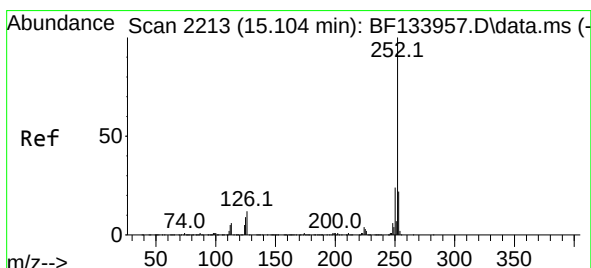
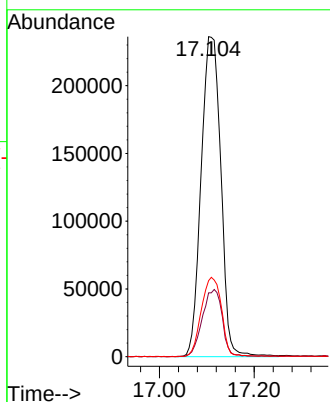
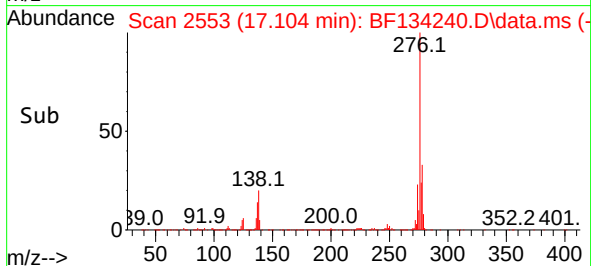
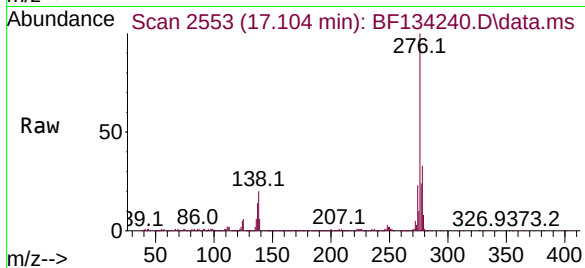
PB154118BS

Tgt Ion:276 Resp: 68315
Ion Ratio Lower Upper
276 100
138 21.2 18.7 28.1
277 25.4 19.9 29.9

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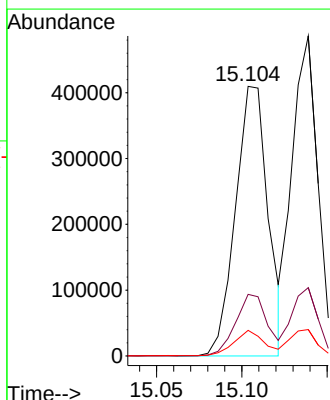
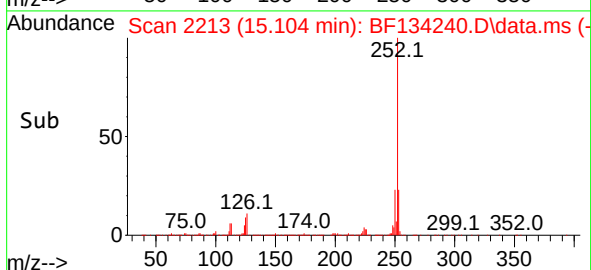
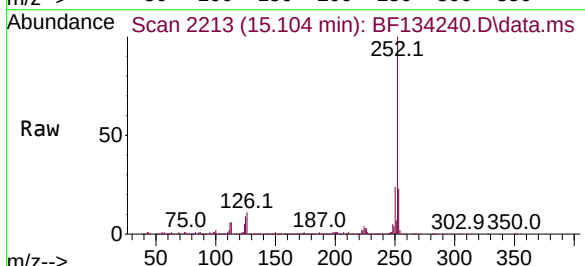
APPROVED

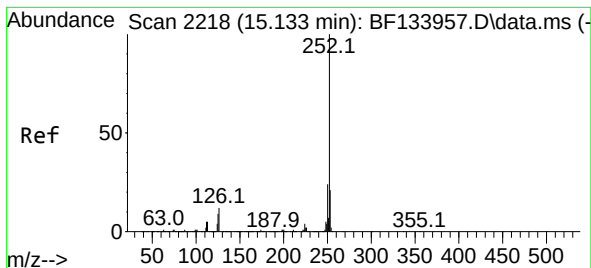
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#88
Benzo(b)fluoranthene
Concen: 47.194 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:252 Resp: 545601
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.480 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Instrument :

BNF

ClientSampleId :

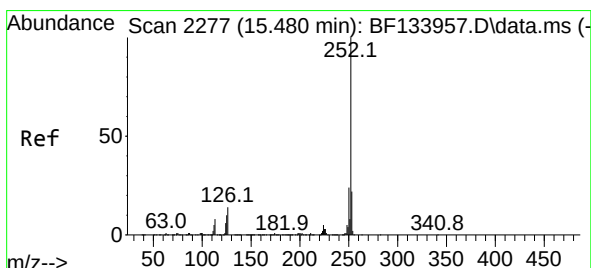
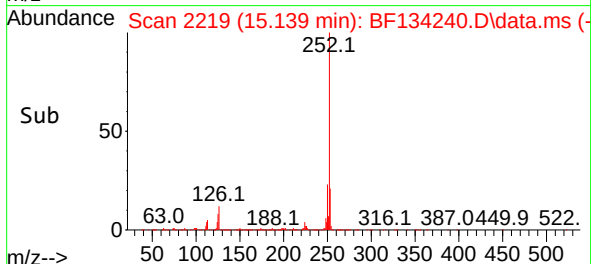
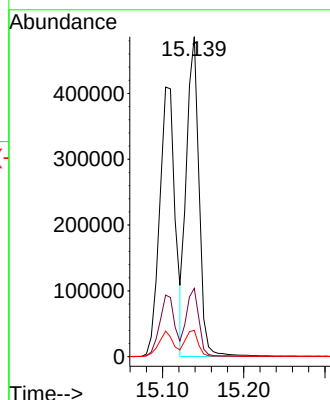
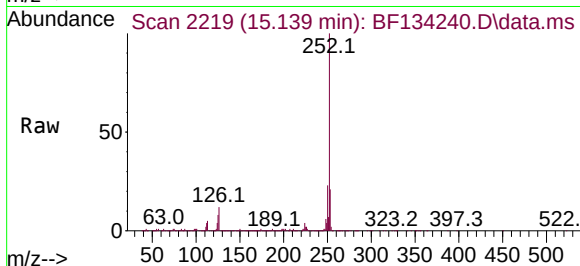
PB154118BS

Tgt Ion:252 Resp: 523558
 Ion Ratio Lower Upper
 252 100
 253 21.3 16.9 25.3
 125 8.3 7.4 11.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023



#90

Benzo(a)pyrene

Concen: 41.900 ng

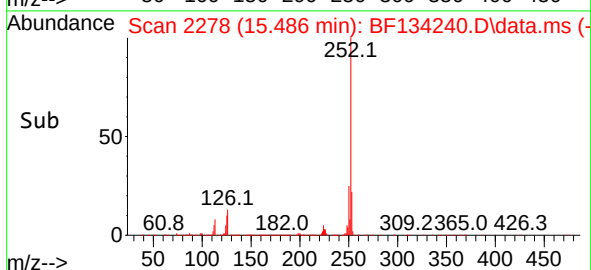
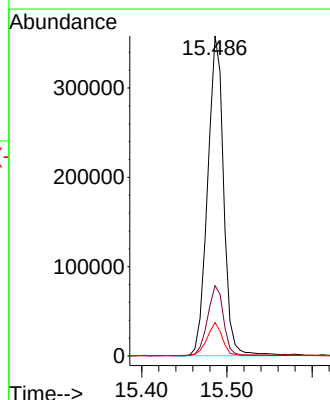
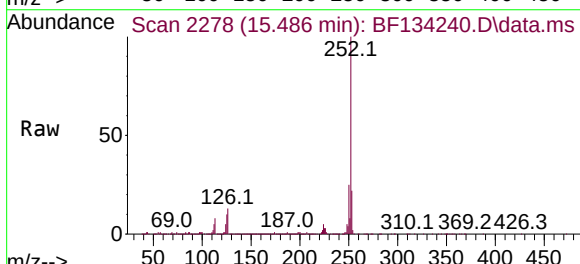
RT: 15.486 min Scan# 2278

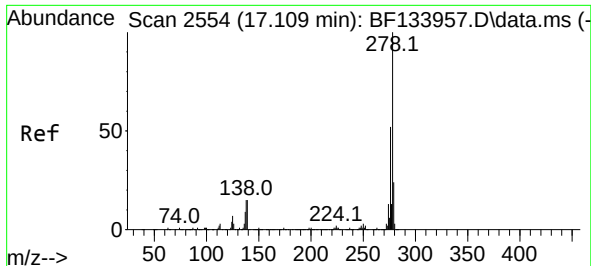
Delta R.T. 0.006 min

Lab File: BF134240.D

Acq: 12 Jul 2023 11:09

Tgt Ion:252 Resp: 468409
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 10.5 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 51.303 ng
RT: 17.127 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Instrument :

BNA_F

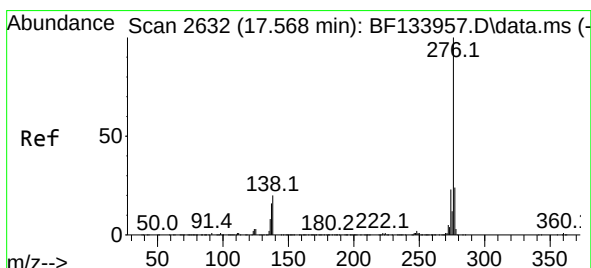
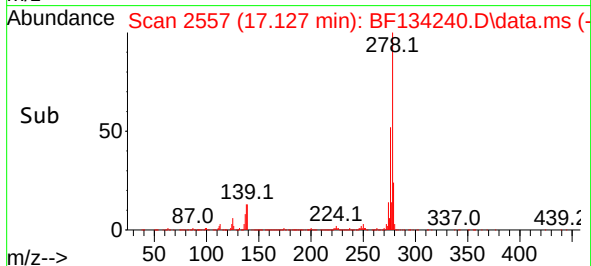
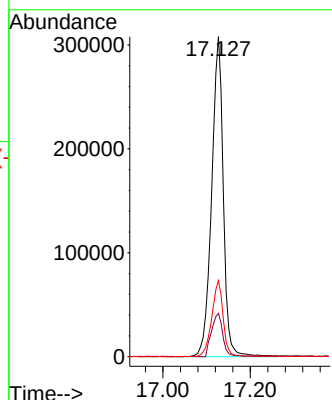
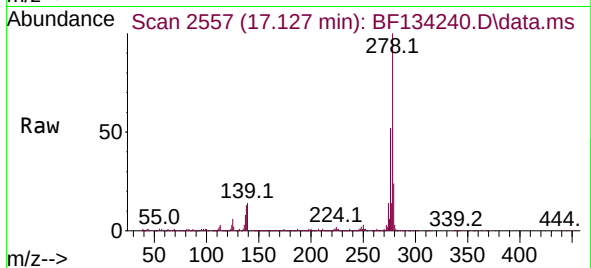
ClientSampleId :

PB154118BS

Tgt Ion:278 Resp: 57167
Ion Ratio Lower Upper
278 100
139 13.6 12.2 18.4
279 23.8 19.4 29.2

Manual Integrations
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Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#92
Benzo(g,h,i)perylene
Concen: 49.449 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.012 min
Lab File: BF134240.D
Acq: 12 Jul 2023 11:09

Tgt Ion:276 Resp: 568232
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 18.2 16.2 24.2

