

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134342.D
 Acq On : 18 Jul 2023 17:28
 Operator : CG\JU
 Sample : 03597-22MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-51-(2-5)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 01:37:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	78988	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	354390	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	157025	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	279628	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	203860	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	219960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	523015	110.762	ng	0.02
7) Phenol-d6	6.486	99	647121	111.436	ng	0.00
23) Nitrobenzene-d5	7.404	82	524862	79.835	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	264514	134.354	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1024679	94.875	ng	0.00
79) Terphenyl-d14	12.968	244	1037249	81.888	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	80180	41.181	ng	99
3) Pyridine	3.475	79	197026	38.850	ng	96
4) n-Nitrosodimethylamine	3.434	42	129042	44.551	ng	97
6) Aniline	6.504	93	142533	20.170	ng	# 1
8) 2-Chlorophenol	6.628	128	220531	46.007	ng	98
9) Benzaldehyde	6.392	77	130889	41.400	ng	92
10) Phenol	6.504	94	258946	42.410	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	195801	43.558	ng	95
12) 1,3-Dichlorobenzene	6.781	146	241125	47.184	ng	98
13) 1,4-Dichlorobenzene	6.857	146	243096	47.096	ng	98
14) 1,2-Dichlorobenzene	7.010	146	235958	48.811	ng	99
15) Benzyl Alcohol	6.986	79	212865	47.549	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	315832	39.715	ng	84
17) 2-Methylphenol	7.098	107	185555	43.229	ng	95
18) Hexachloroethane	7.345	117	96518	50.430	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	167808	45.567	ng	95
20) 3+4-Methylphenols	7.251	107	241672	46.410	ng	# 85
22) Acetophenone	7.251	105	334330	41.482	ng	93
24) Nitrobenzene	7.428	77	281882	42.430	ng	99
25) Isophorone	7.663	82	509263	42.622	ng	98
26) 2-Nitrophenol	7.739	139	143346	44.978	ng	97
27) 2,4-Dimethylphenol	7.781	122	222063	44.018	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	292772	42.318	ng	99
29) 2,4-Dichlorophenol	7.980	162	215798	43.138	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	227430	44.061	ng	99
31) Naphthalene	8.139	128	756483	44.192	ng	99
32) Benzoic acid	7.922	122	160206	42.380	ng	92
33) 4-Chloroaniline	8.210	127	40662	5.553	ng	97
34) Hexachlorobutadiene	8.251	225	145328	44.633	ng	99
35) Caprolactam	8.575	113	72172m	43.817	ng	
36) 4-Chloro-3-methylphenol	8.686	107	229432	40.826	ng	96
37) 2-Methylnaphthalene	8.833	142	512465	42.334	ng	100
38) 1-Methylnaphthalene	8.933	142	482511	42.876	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	247103	53.116	ng	99
41) Hexachlorocyclopentadiene	8.980	237	152202	68.962	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	144375	45.589	ng	98

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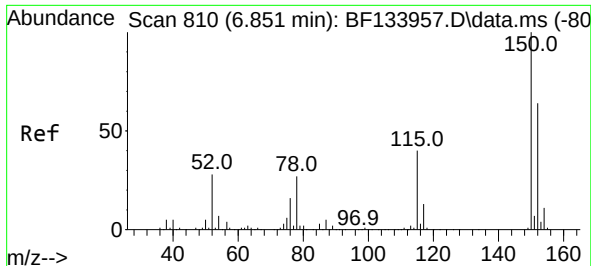
Manual Integrations
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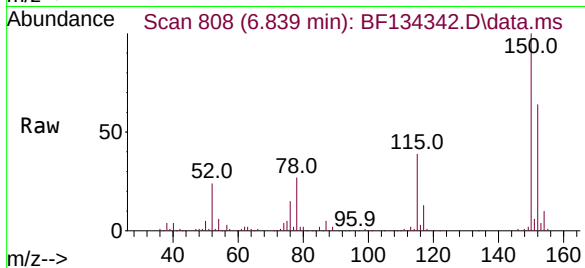
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	170053	45.650	ng	97
46) 1,1'-Biphenyl	9.298	154	623044	49.464	ng	97
47) 2-Chloronaphthalene	9.327	162	476624	51.717	ng	99
48) 2-Nitroaniline	9.427	65	163443	48.662	ng	96
49) Acenaphthylene	9.739	152	672722	42.731	ng	100
50) Dimethylphthalate	9.604	163	564950	49.564	ng	99
51) 2,6-Dinitrotoluene	9.669	165	122498	49.897	ng	89
52) Acenaphthene	9.916	154	406322	44.479	ng	99
53) 3-Nitroaniline	9.839	138	56127	19.057	ng	96
54) 2,4-Dinitrophenol	9.957	184	98079	69.699	ng	97
55) Dibenzofuran	10.086	168	685463	48.013	ng	97
56) 4-Nitrophenol	10.016	139	171908	83.444	ng	92
57) 2,4-Dinitrotoluene	10.080	165	158641	48.930	ng	# 86
58) Fluorene	10.433	166	549448	49.468	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140571	47.839	ng	99
60) Diethylphthalate	10.304	149	539936	45.467	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	272238	50.860	ng	97
62) 4-Nitroaniline	10.463	138	108508	36.557	ng	99
63) Azobenzene	10.580	77	532703	47.422	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	75939	49.812	ng	89
66) n-Nitrosodiphenylamine	10.545	169	479258	53.643	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	164548	55.364	ng	95
68) Hexachlorobenzene	10.980	284	183621	58.187	ng	99
69) Atrazine	11.074	200	156009	63.129	ng	98
70) Pentachlorophenol	11.180	266	170587	90.409	ng	98
71) Phenanthrene	11.398	178	685716	48.712	ng	100
72) Anthracene	11.451	178	642040	43.850	ng	100
73) Carbazole	11.610	167	581312	43.376	ng	98
74) Di-n-butylphthalate	11.933	149	764832	47.991	ng	99
75) Fluoranthene	12.598	202	803318	52.786	ng	96
77) Benzidine	12.721	184	268327	55.317	ng	99
78) Pyrene	12.827	202	777768	40.996	ng	100
80) Butylbenzylphthalate	13.445	149	321715	45.214	ng	100
81) Benzo(a)anthracene	14.027	228	629961	44.558	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	128653	28.722	ng	98
83) Chrysene	14.062	228	585990	42.793	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	426691	52.188	ng	99
85) Di-n-octyl phthalate	14.627	149	578914	48.189	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	542787	35.562	ng	96
88) Benzo(b)fluoranthene	15.098	252	664594	51.384	ng	99
89) Benzo(k)fluoranthene	15.127	252	543287	41.256	ng	98
90) Benzo(a)pyrene	15.480	252	522840	41.804	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	450875	36.166	ng	97
92) Benzo(g,h,i)perylene	17.568	276	487531	37.922	ng	95

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

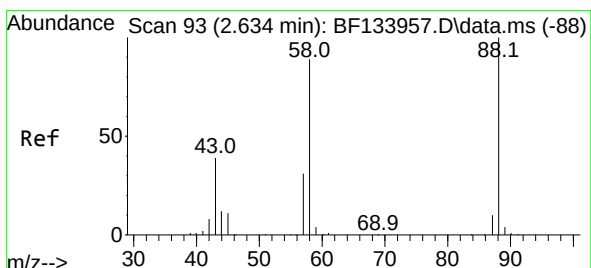
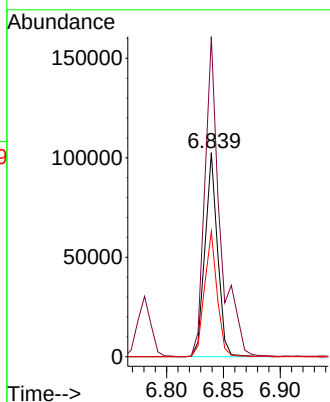
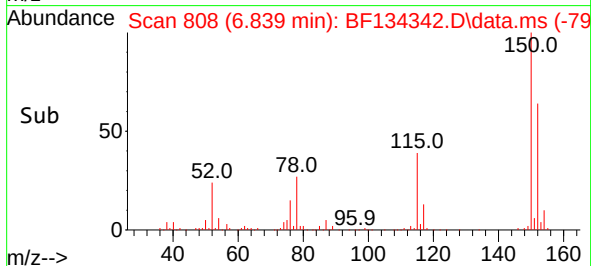
Instrument :
 BNA_F
 ClientSampleId :
 RB-51-(2-5)MSD



Tgt Ion:152 Resp: 7898
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 61.4 50.2 75.2

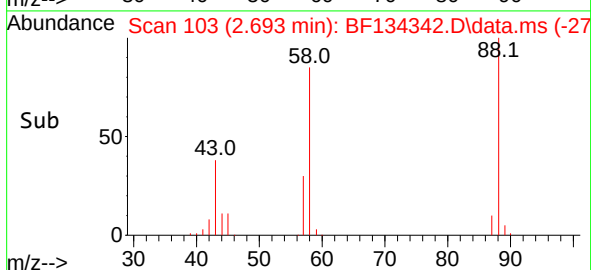
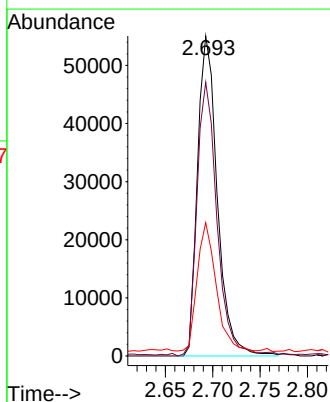
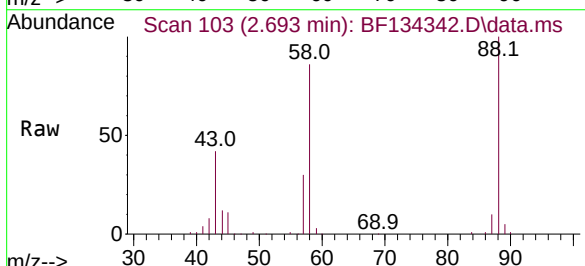
Manual Integrations
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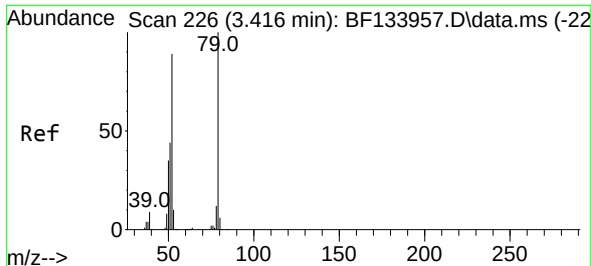
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#2
 1,4-Dioxane
 Concen: 41.181 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.100 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

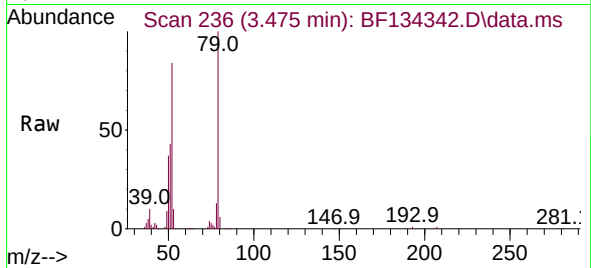
Tgt Ion: 88 Resp: 80180
 Ion Ratio Lower Upper
 88 100
 58 85.0 68.8 103.2
 43 38.1 30.7 46.1





#3
Pyridine
Concen: 38.850 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

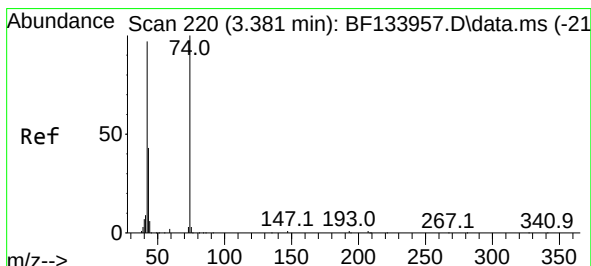
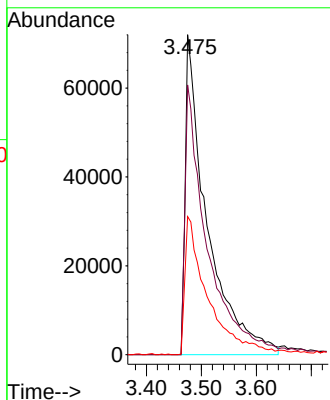
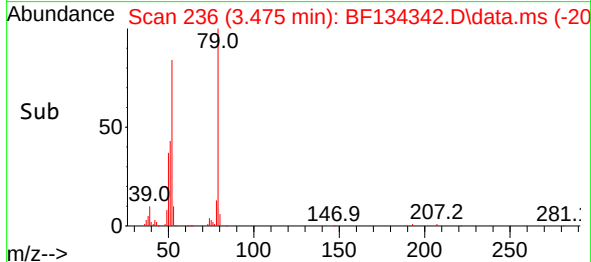
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion: 79 Resp: 197020
Ion Ratio Lower Upper
79 100
52 84.3 71.1 106.7
51 43.2 35.2 52.8

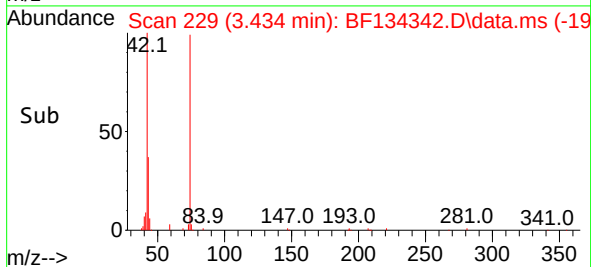
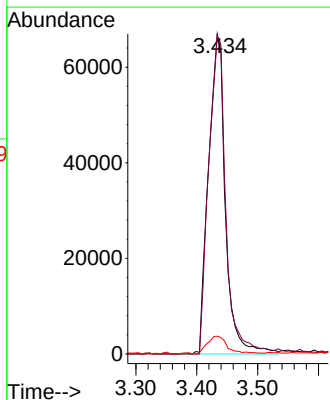
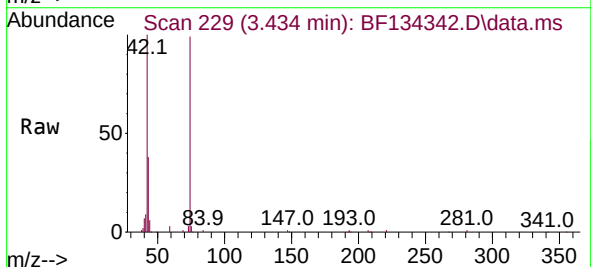
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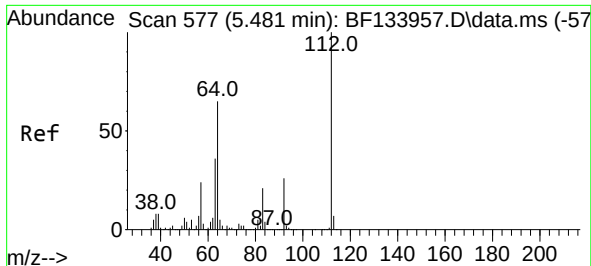
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#4
n-Nitrosodimethylamine
Concen: 44.551 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.094 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

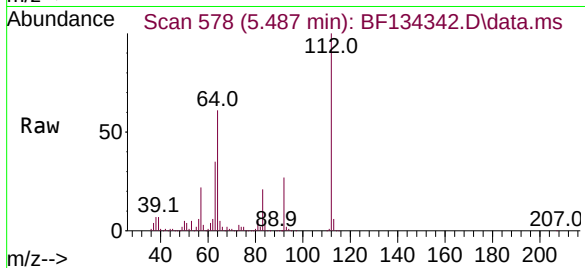
Tgt Ion: 42 Resp: 129042
Ion Ratio Lower Upper
42 100
74 99.4 82.4 123.6
44 5.6 4.9 7.3





#5
2-Fluorophenol
Concen: 110.762 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

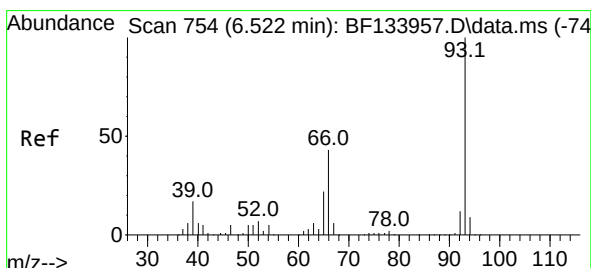
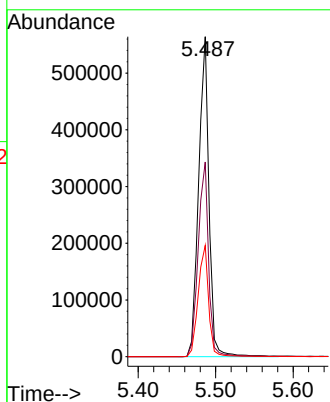
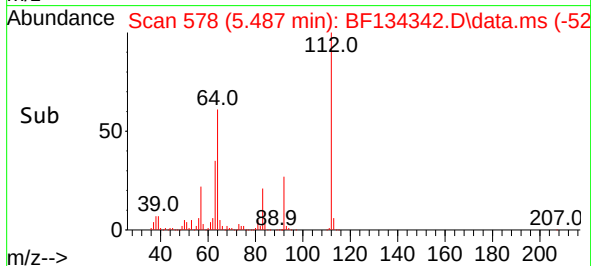
Instrument :
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RB-51-(2-5)MSD



Tgt Ion:112 Resp: 523015
Ion Ratio Lower Upper
112 100
64 60.8 52.1 78.1
63 34.8 28.6 42.8

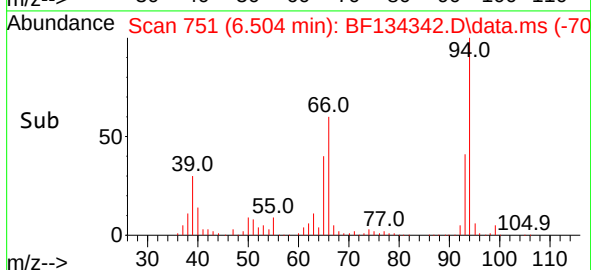
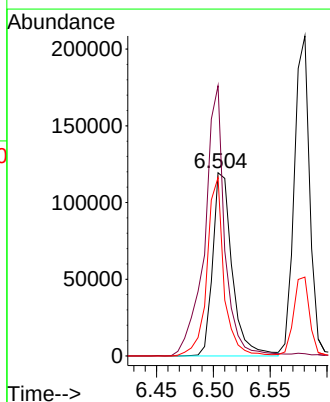
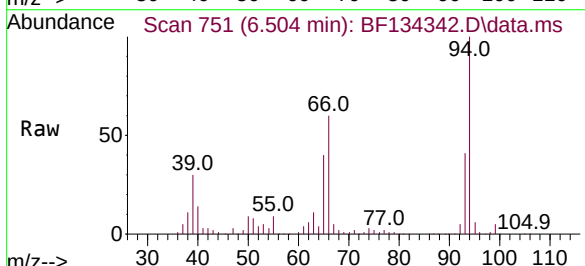
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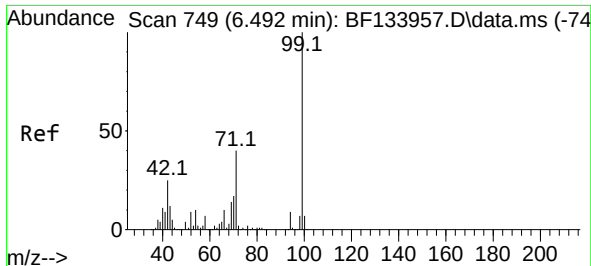
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#6
Aniline
Concen: 20.170 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

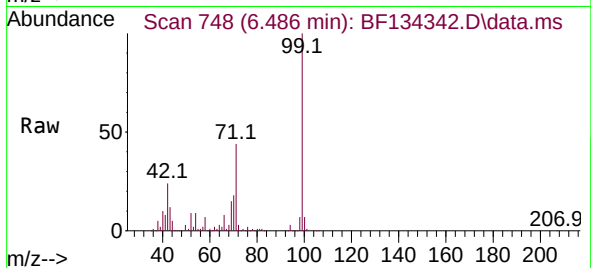
Tgt Ion: 93 Resp: 142533
Ion Ratio Lower Upper
93 100
66 147.5 34.5 51.7#
65 97.4 17.8 26.6#





#7
Phenol-d6
Concen: 111.436 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

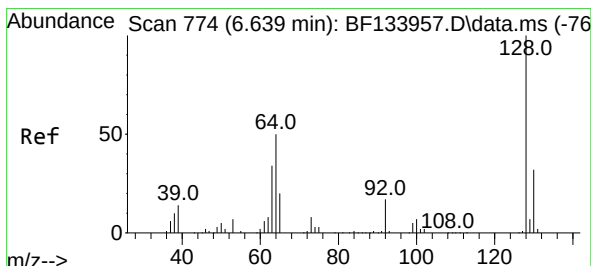
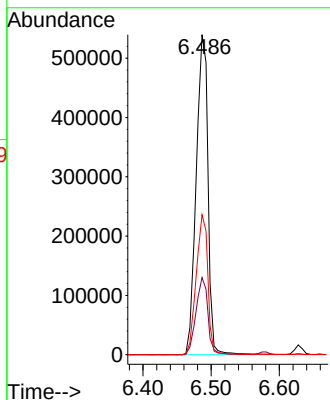
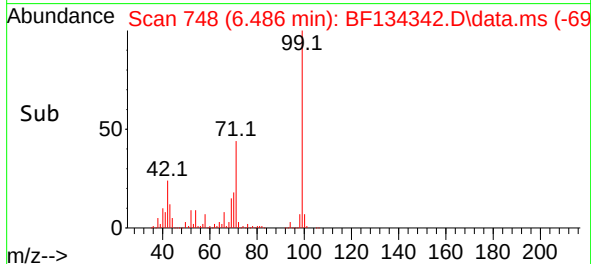
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion: 99 Resp: 64712
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 43.8 31.9 47.9

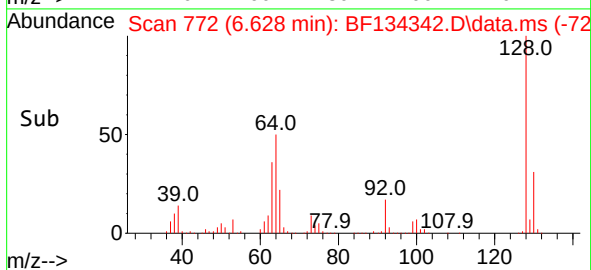
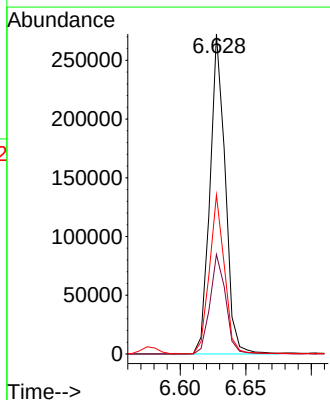
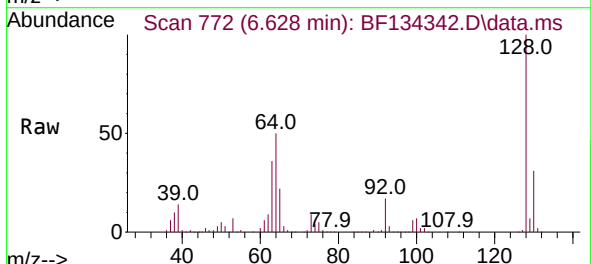
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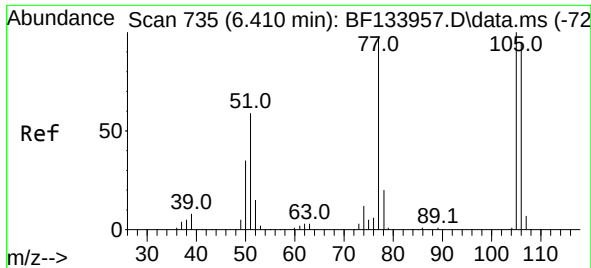
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#8
2-Chlorophenol
Concen: 46.007 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:128 Resp: 220531
Ion Ratio Lower Upper
128 100
130 31.1 11.7 51.7
64 49.7 31.3 71.3





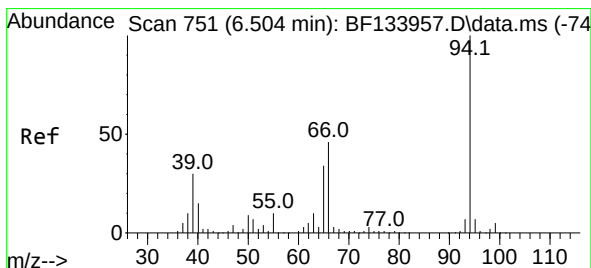
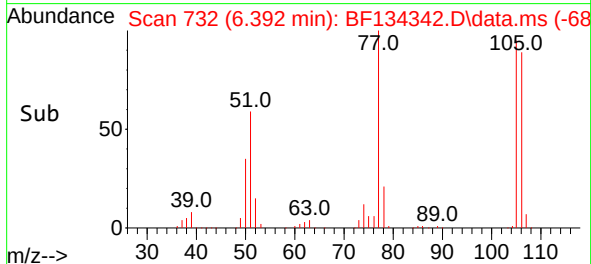
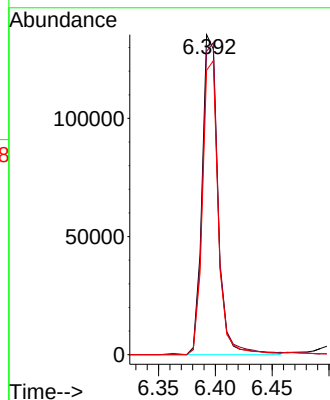
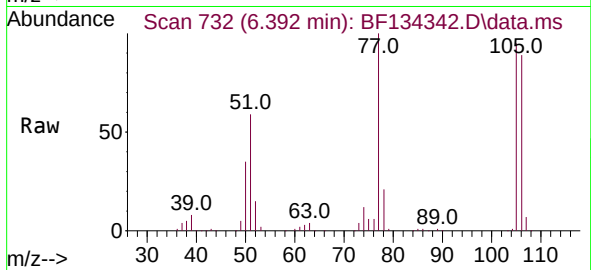
#9
Benzaldehyde
Concen: 41.400 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion: 77 Resp: 130889
Ion Ratio Lower Upper
77 100
105 94.8 82.0 122.0
106 88.9 76.9 116.9

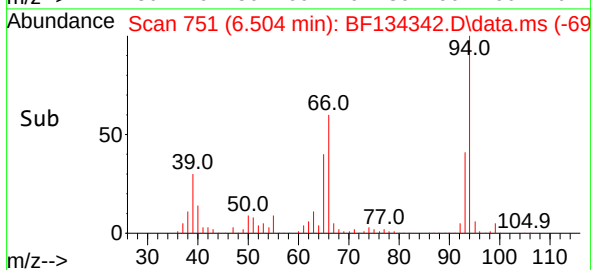
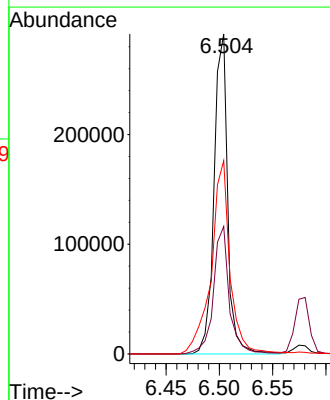
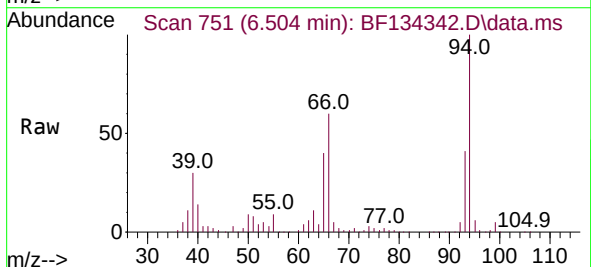
Manual Integrations
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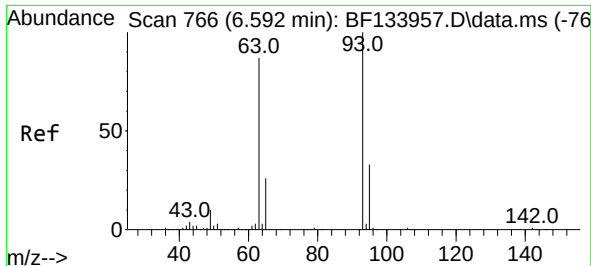
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Phenol
Concen: 42.410 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

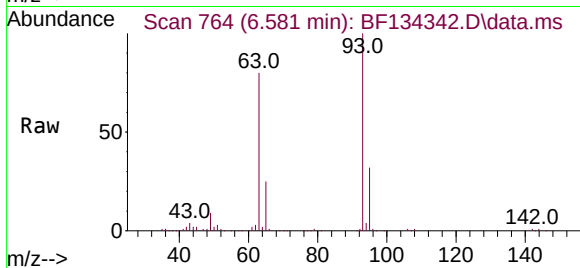
Tgt Ion: 94 Resp: 258946
Ion Ratio Lower Upper
94 100
65 39.9 14.2 54.2
66 60.4 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 43.558 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

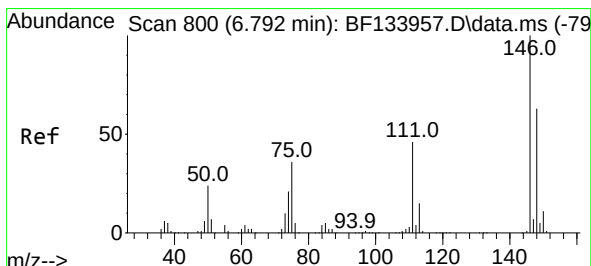
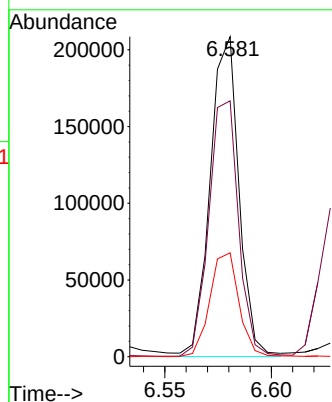
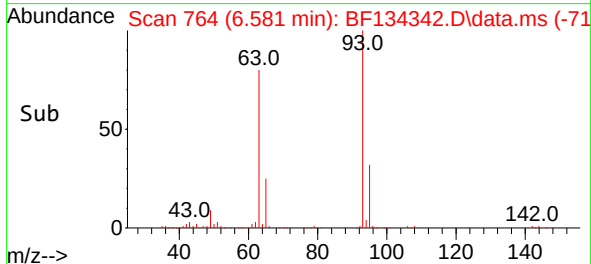
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



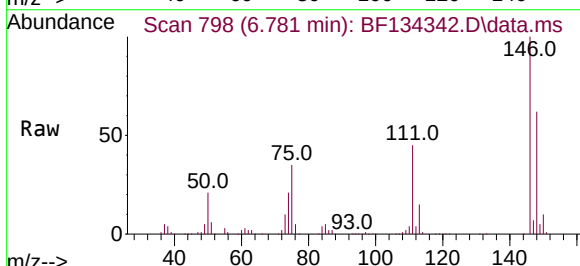
Tgt Ion: 93 Resp: 19580
Ion Ratio Lower Upper
93 100
63 80.0 66.5 106.5
95 32.4 12.9 52.9

Manual Integrations
APPROVED

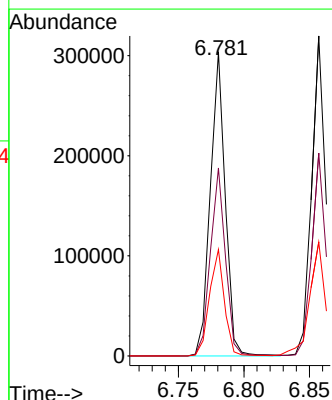
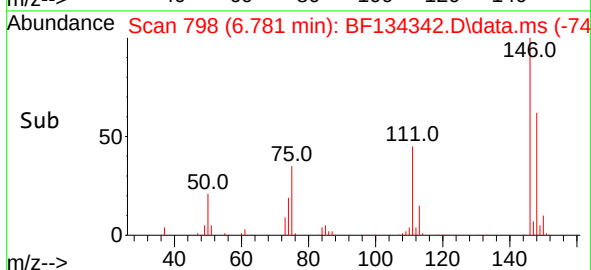
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

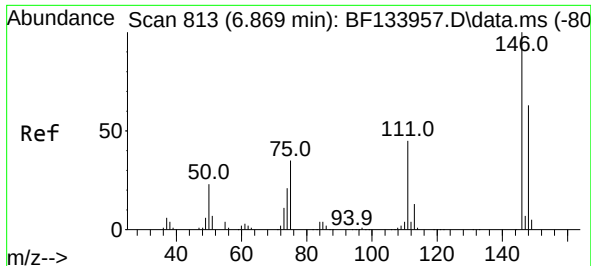


#12
1,3-Dichlorobenzene
Concen: 47.184 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28



Tgt Ion:146 Resp: 241125
Ion Ratio Lower Upper
146 100
148 61.8 50.5 75.7
75 35.0 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 47.096 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:146 Resp: 243090

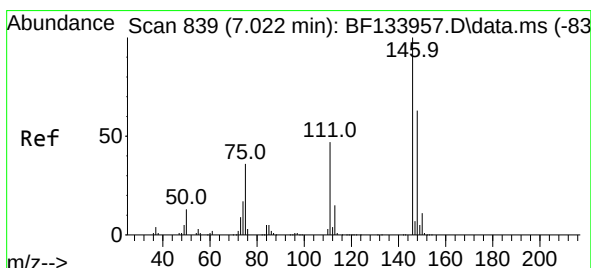
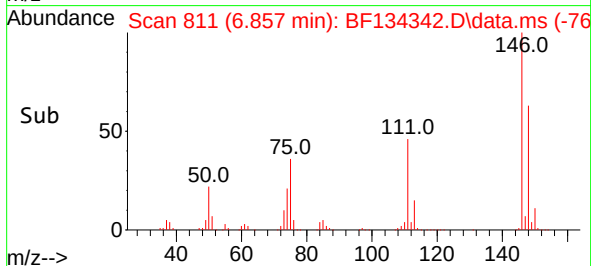
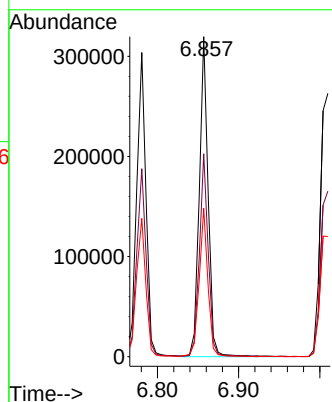
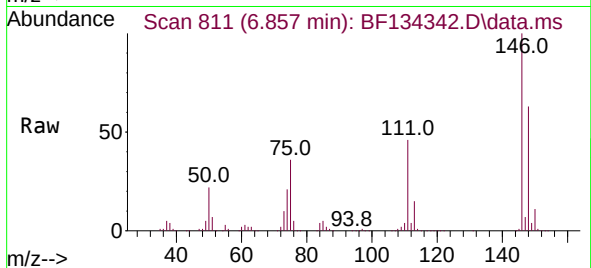
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.2
111	46.4	35.8	53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#14

1,2-Dichlorobenzene

Concen: 48.811 ng

RT: 7.010 min Scan# 837

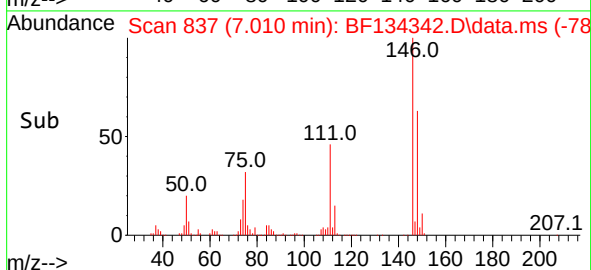
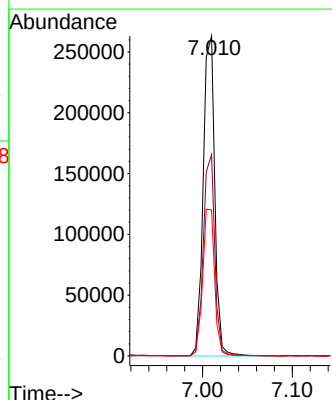
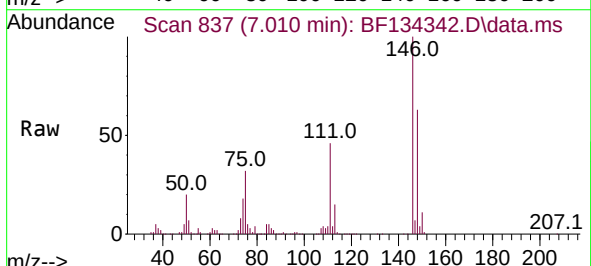
Delta R.T. -0.006 min

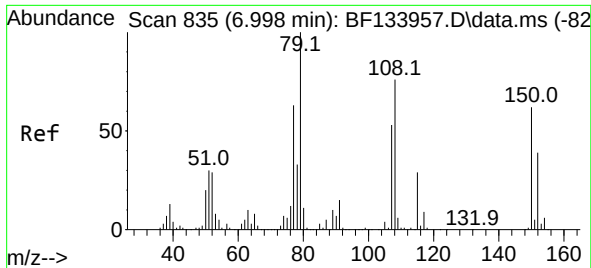
Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Tgt Ion:146 Resp: 235958

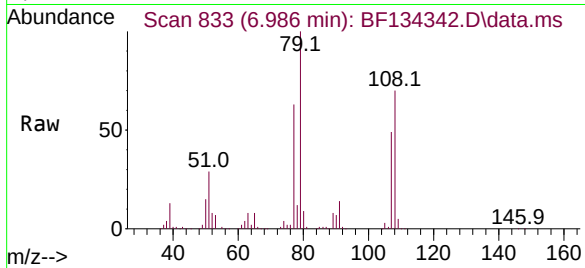
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	45.6	38.0	57.0





#15
Benzyl Alcohol
Concen: 47.549 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

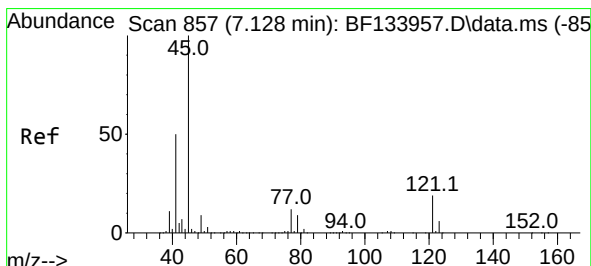
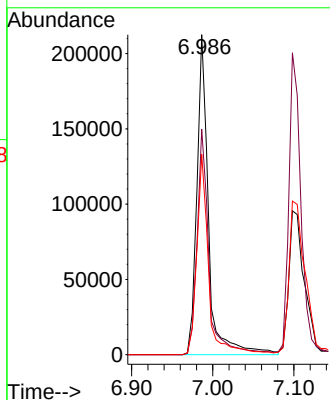
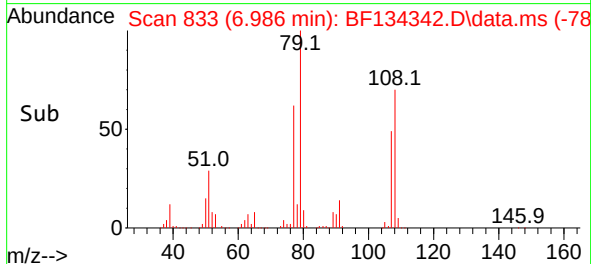
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion: 79 Resp: 21286
Ion Ratio Lower Upper
79 100
108 70.4 60.7 91.1
77 62.6 50.6 75.8

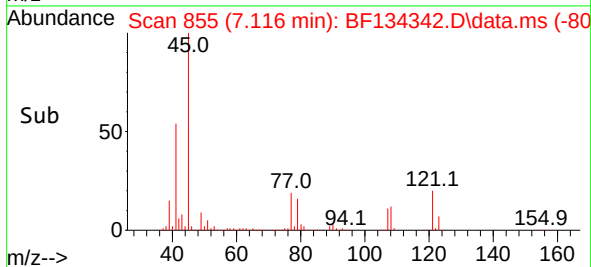
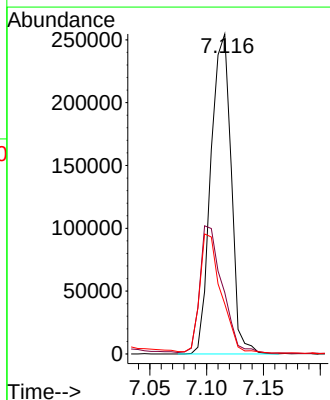
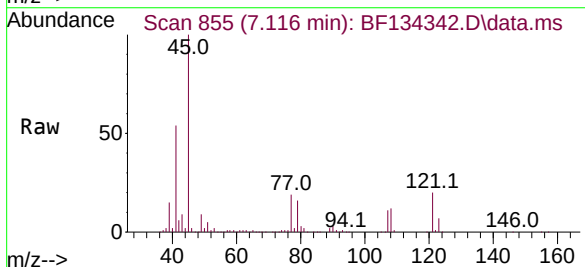
Manual Integrations
APPROVED

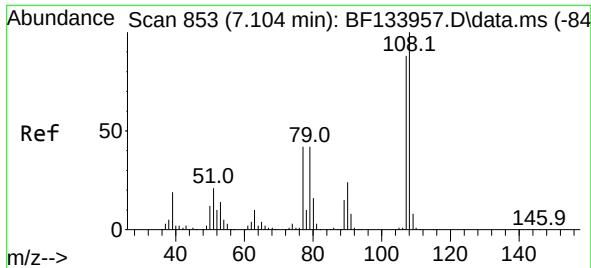
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.715 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

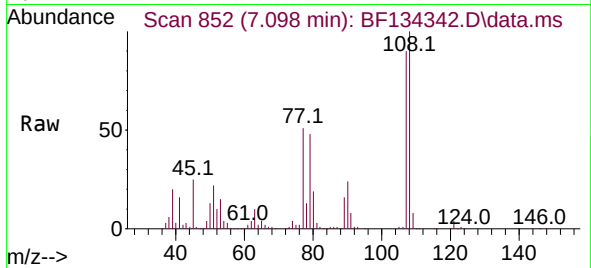
Tgt Ion: 45 Resp: 315832
Ion Ratio Lower Upper
45 100
77 19.2 0.0 32.9
79 15.7 0.0 29.5





#17
2-Methylphenol
Concen: 43.229 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

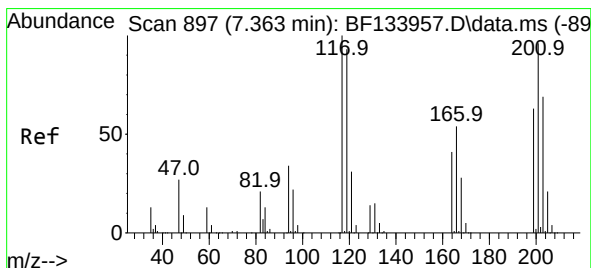
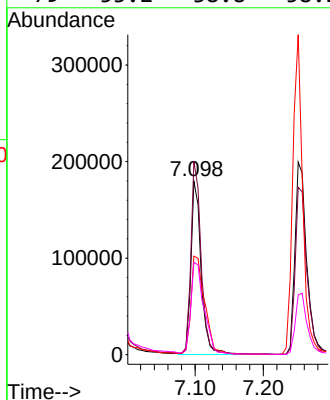
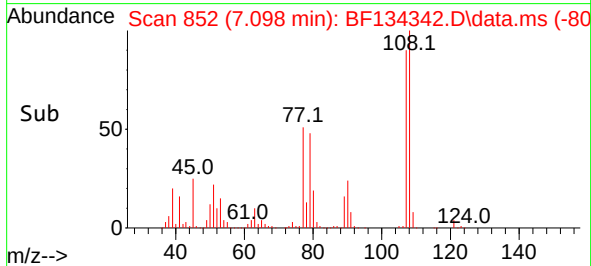
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:107 Resp: 18555
Ion Ratio Lower Upper
107 100
108 111.7 90.6 136.0
77 56.8 38.3 57.5
79 53.2 38.8 58.2

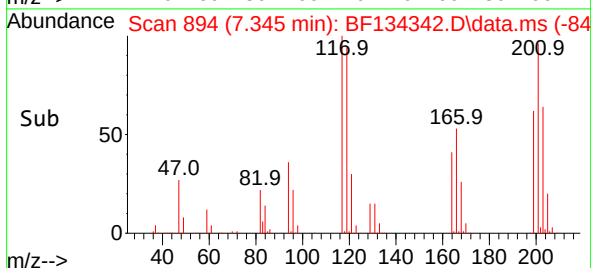
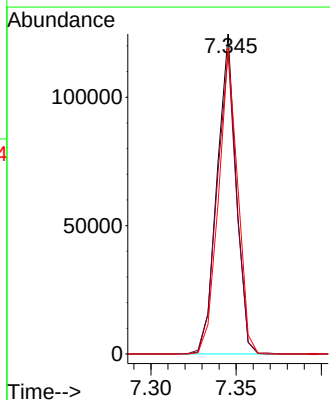
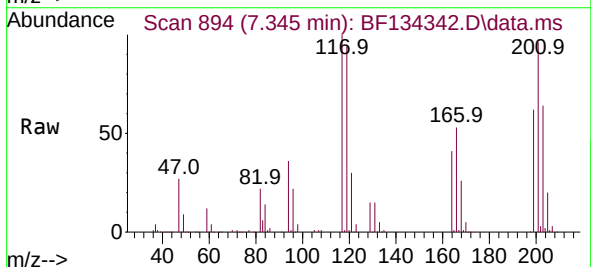
Manual Integrations
APPROVED

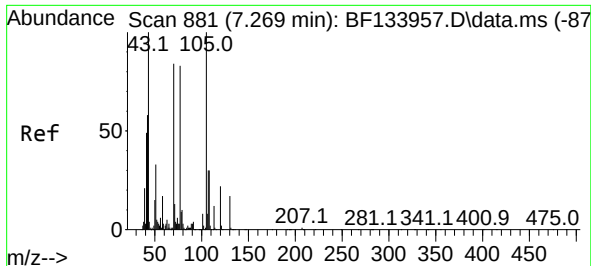
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#18
Hexachloroethane
Concen: 50.430 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

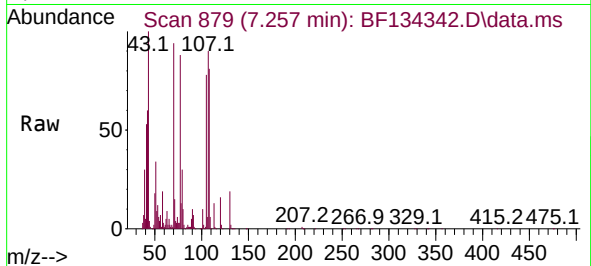
Tgt Ion:117 Resp: 96518
Ion Ratio Lower Upper
117 100
119 94.4 74.2 111.4
201 95.7 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.567 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

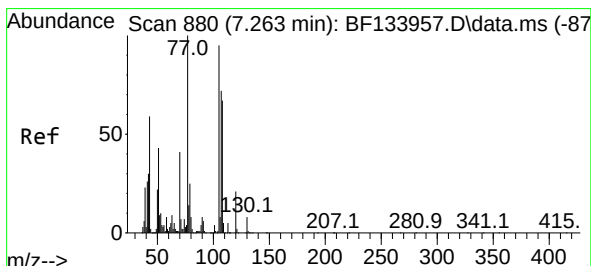
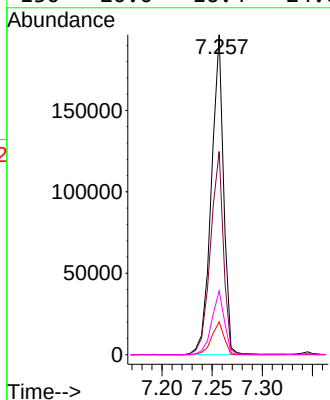
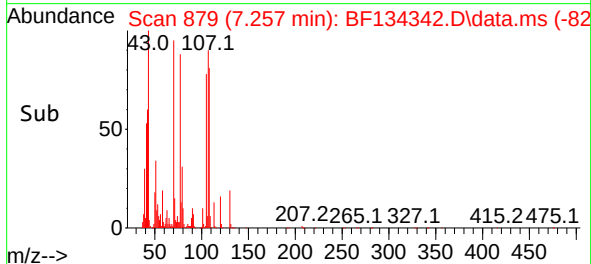
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion: 70 Resp: 167808
Ion Ratio Lower Upper
70 100
42 63.5 54.7 82.1
101 10.2 7.7 11.5
130 20.0 16.4 24.6

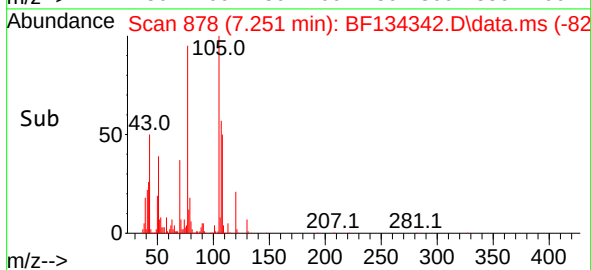
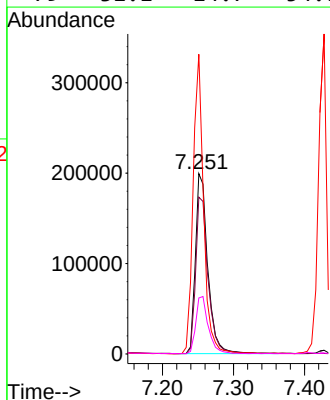
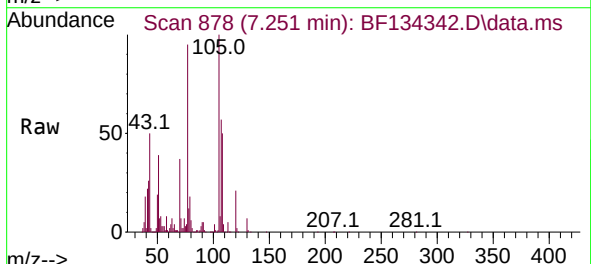
Manual Integrations
APPROVED

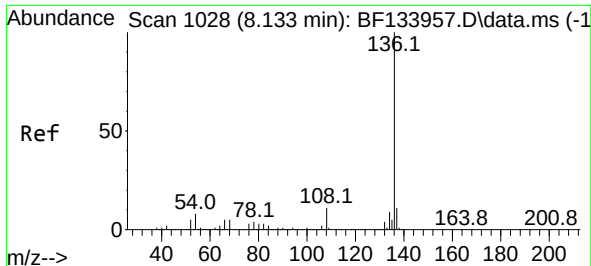
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
3+4-Methylphenols
Concen: 46.410 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

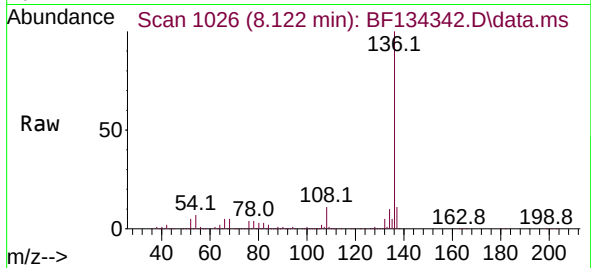
Tgt Ion:107 Resp: 241672
Ion Ratio Lower Upper
107 100
108 86.9 73.2 113.2
77 166.1 118.3 158.3#
79 31.1 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

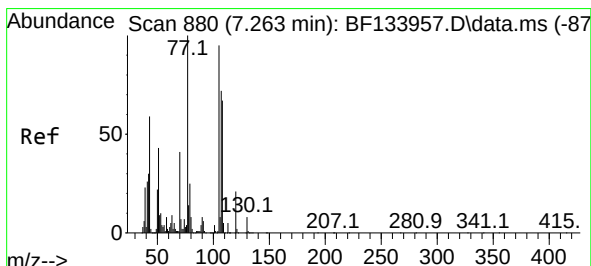
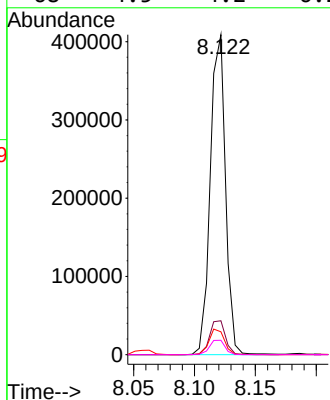
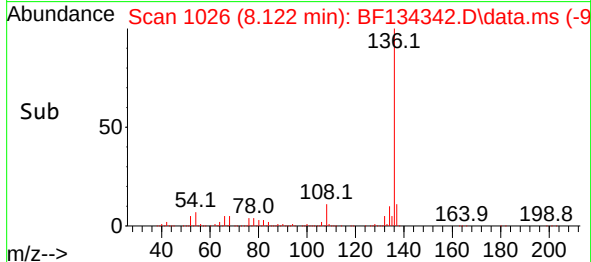
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:136 Resp: 354390
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.1 6.5 9.7
68 4.5 4.2 6.2

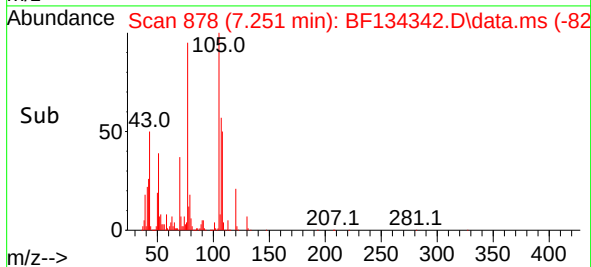
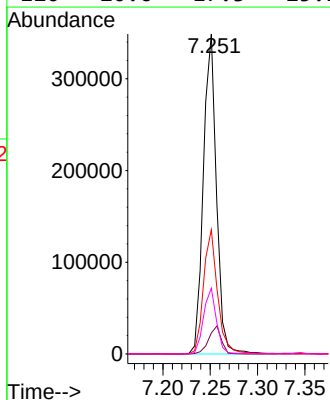
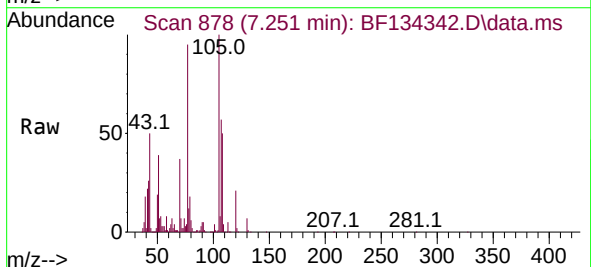
Manual Integrations
APPROVED

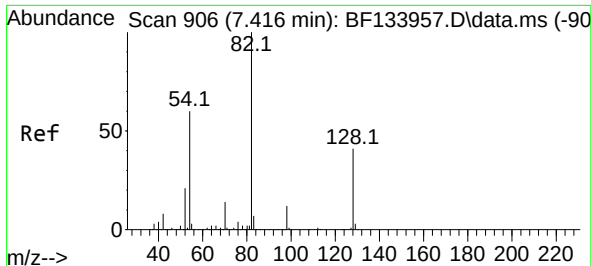
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Acetophenone
Concen: 41.482 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:105 Resp: 334330
Ion Ratio Lower Upper
105 100
71 6.5 5.5 8.3
51 38.8 36.5 54.7
120 20.6 17.3 25.9





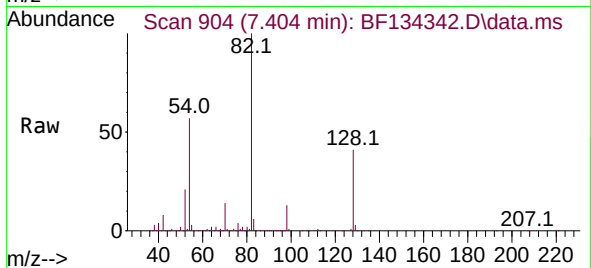
#23
Nitrobenzene-d5
Concen: 79.835 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

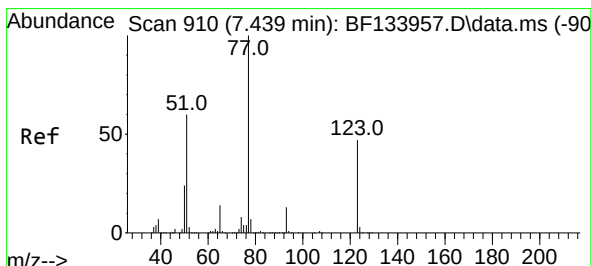
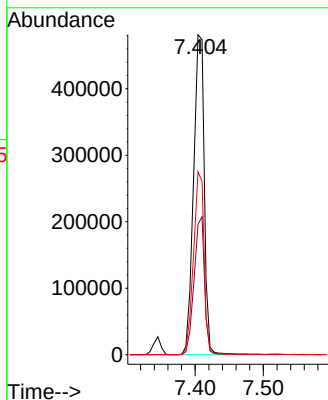
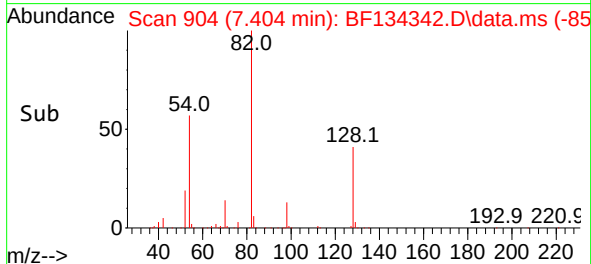


Tgt Ion: 82 Resp: 524862
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 57.2 48.2 72.2

Manual Integrations

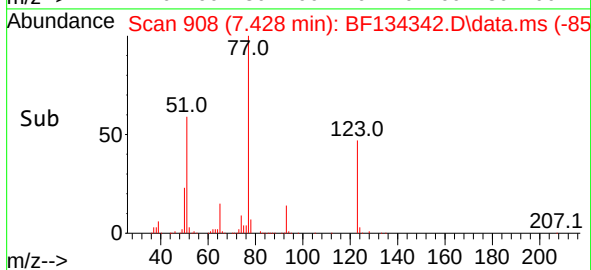
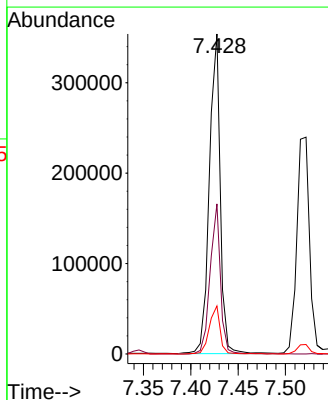
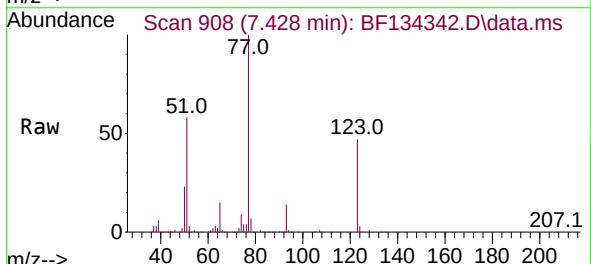
APPROVED

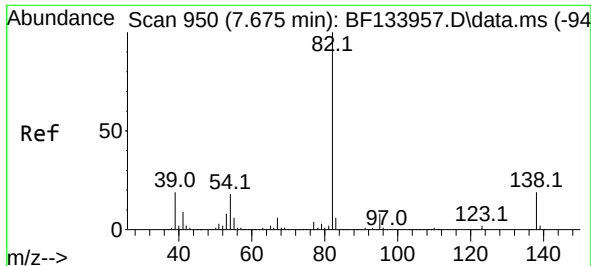
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#24
Nitrobenzene
Concen: 42.430 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

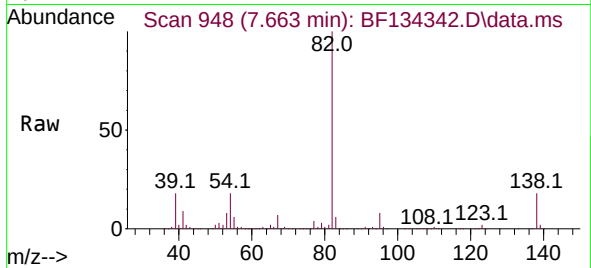
Tgt Ion: 77 Resp: 281882
Ion Ratio Lower Upper
77 100
123 46.9 37.8 56.6
65 15.0 11.3 16.9





#25
Isophorone
Concen: 42.622 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

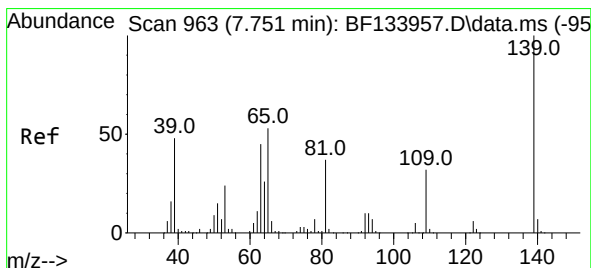
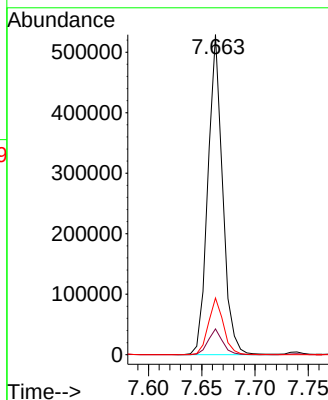
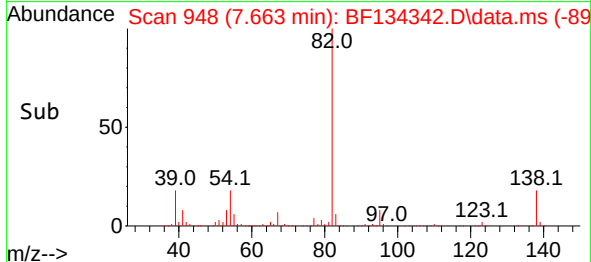
Instrument :
BNA_F
Client Sample Id :
RB-51-(2-5)MSD



Tgt Ion: 82 Resp: 50926
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 17.7 15.2 22.8

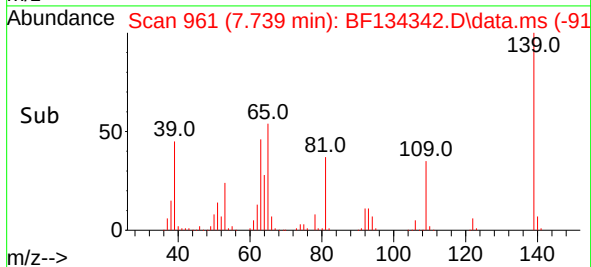
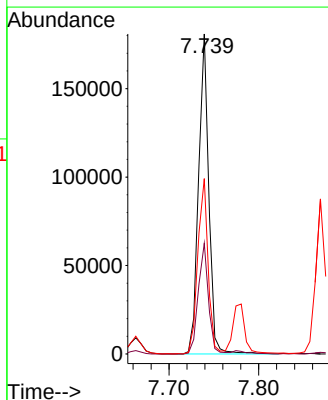
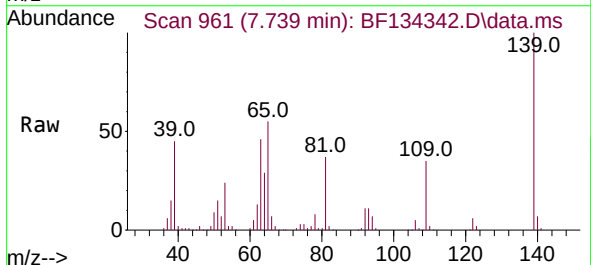
Manual Integrations
APPROVED

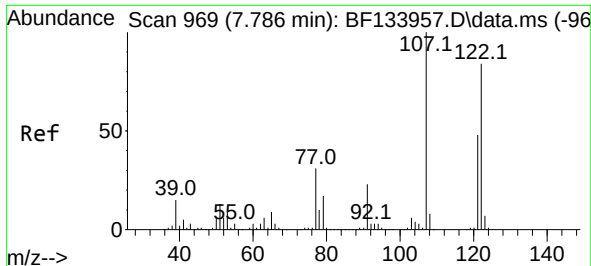
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#26
2-Nitrophenol
Concen: 44.978 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:139 Resp: 143346
Ion Ratio Lower Upper
139 100
109 34.6 25.8 38.8
65 54.8 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 44.018 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

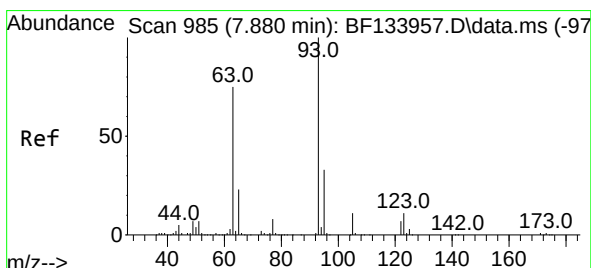
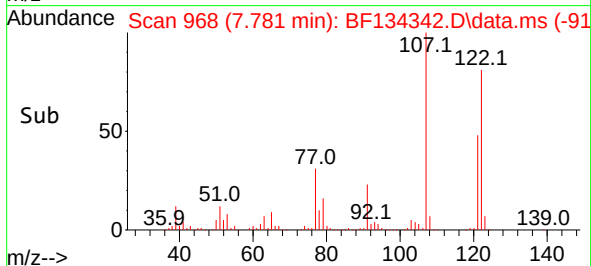
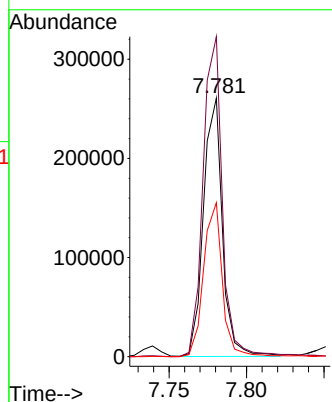
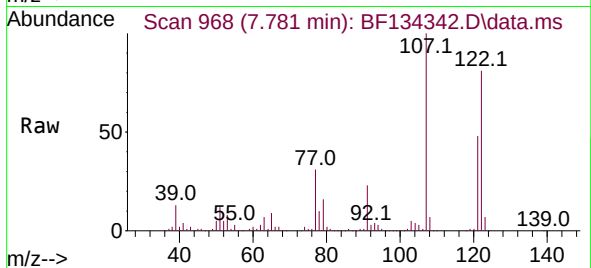
RB-51-(2-5)MSD

Tgt Ion:122 Resp: 222061
Ion Ratio Lower Upper
122 100
107 123.8 95.5 143.3
121 59.6 45.5 68.3

Manual Integrations

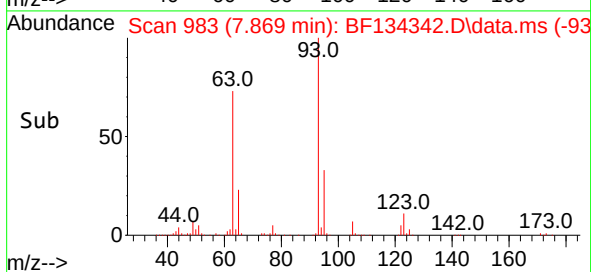
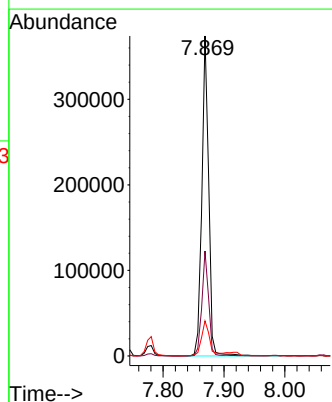
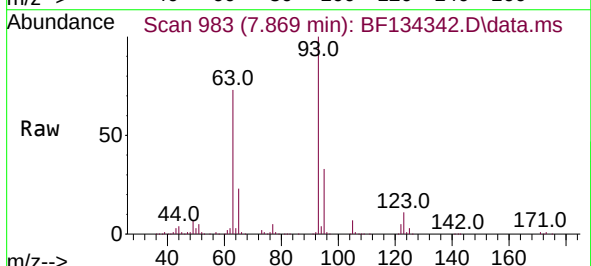
APPROVED

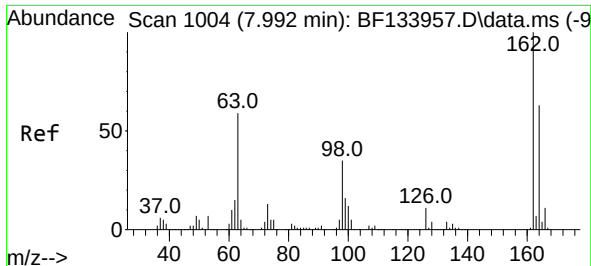
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.318 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion: 93 Resp: 292772
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.138 ng

RT: 7.980 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:162 Resp: 215798

Ion Ratio Lower Upper

162 100

164 62.9 43.2 83.2

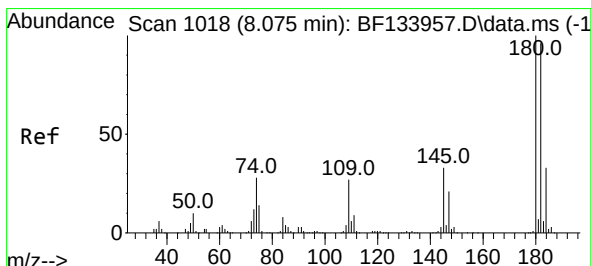
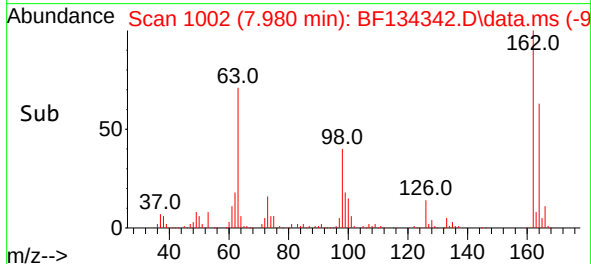
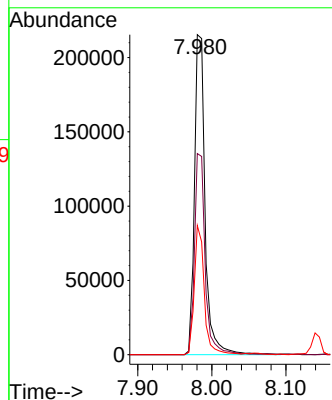
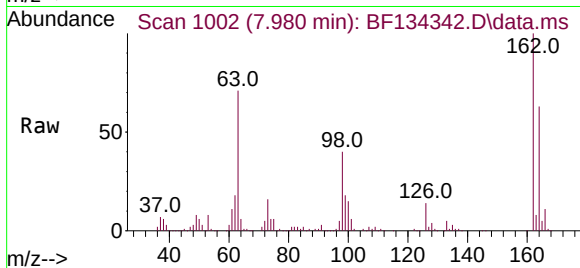
98 40.4 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.061 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

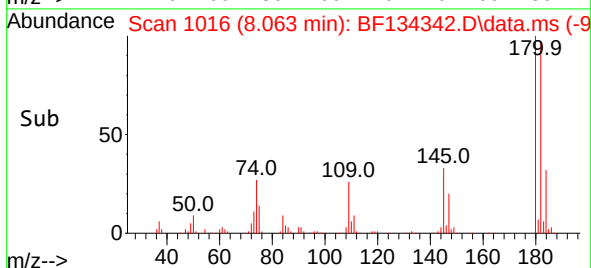
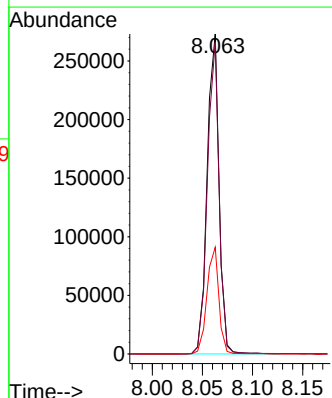
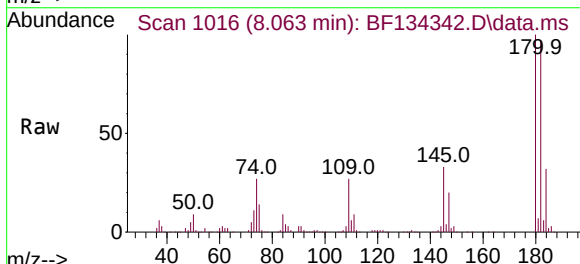
Tgt Ion:180 Resp: 227430

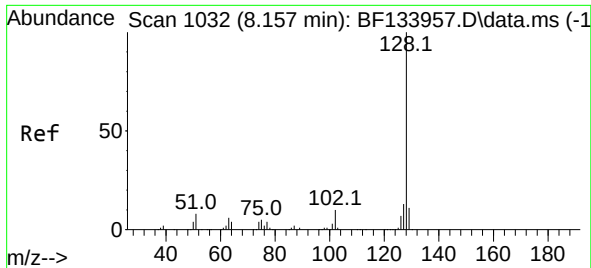
Ion Ratio Lower Upper

180 100

182 97.5 77.1 115.7

145 33.3 26.0 39.0





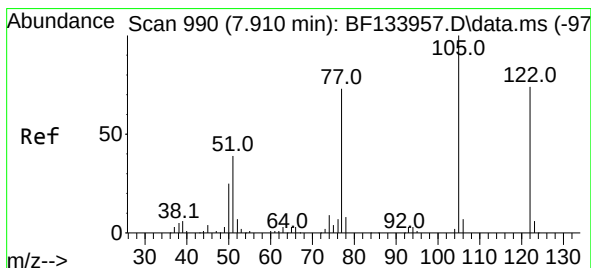
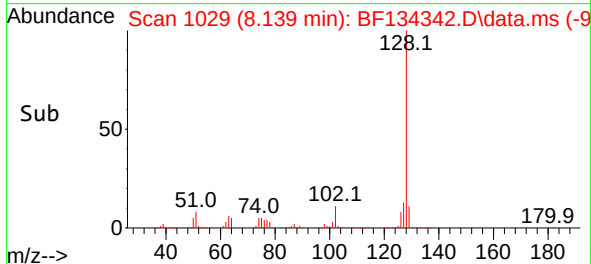
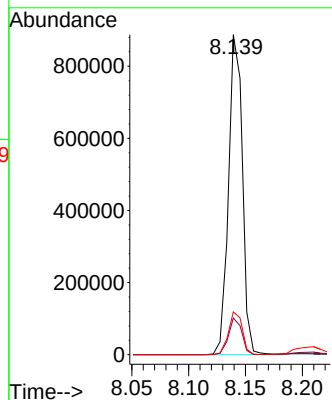
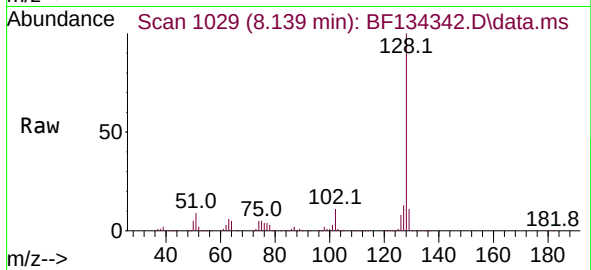
#31
Naphthalene
Concen: 44.192 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:128 Resp: 75648
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.4 10.6 15.8

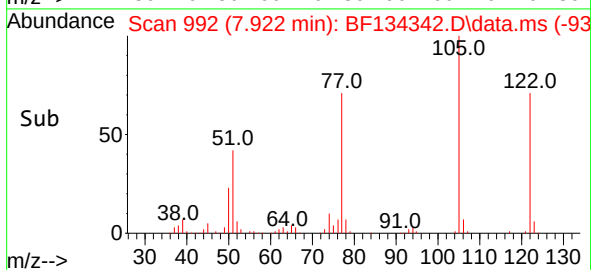
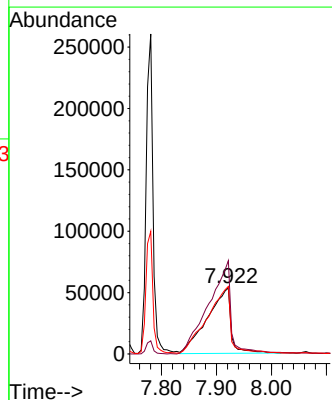
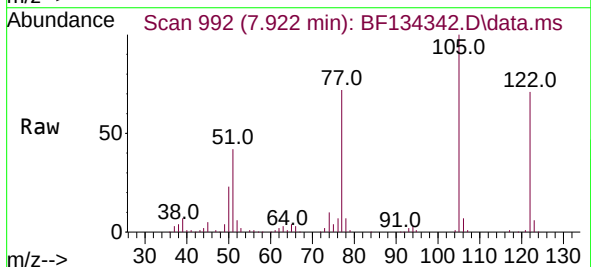
Manual Integrations
APPROVED

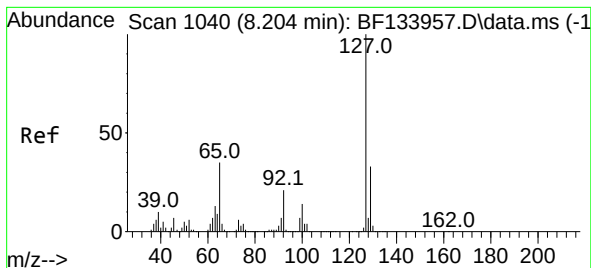
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#32
Benzoic acid
Concen: 42.380 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.018 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:122 Resp: 160206
Ion Ratio Lower Upper
122 100
105 141.3 109.7 149.7
77 102.3 76.0 116.0





#33

4-Chloroaniline

Concen: 5.553 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.012 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

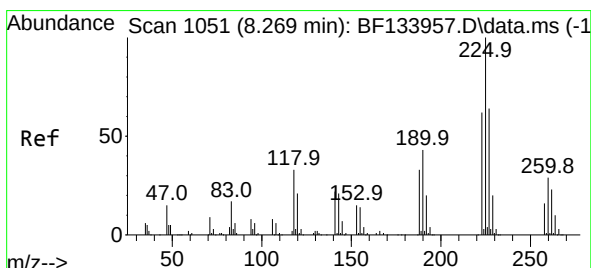
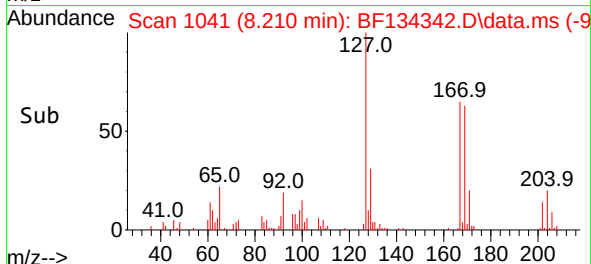
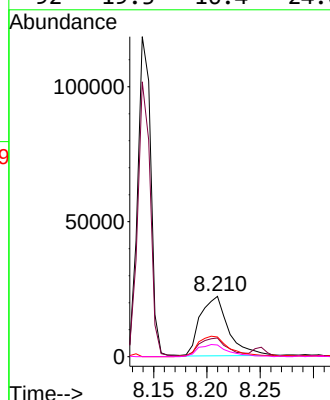
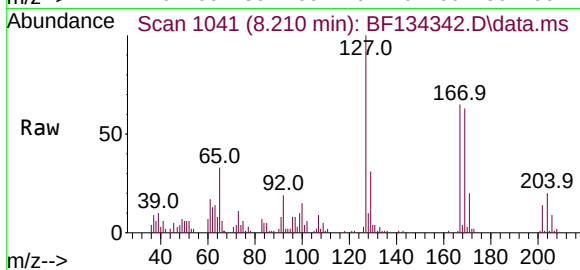
RB-51-(2-5)MSD

Tgt Ion:	127	Resp:	40662
Ion Ratio	Lower	Upper	
127	100		
129	31.2	26.4	39.6
65	32.7	27.8	41.8
92	19.3	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#34

Hexachlorobutadiene

Concen: 44.633 ng

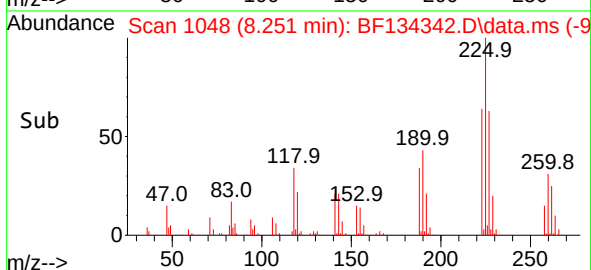
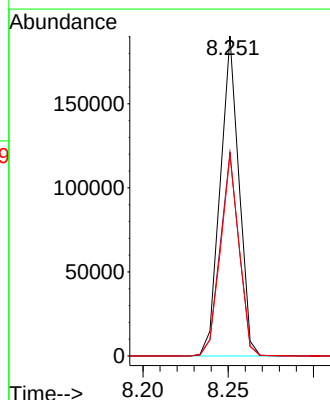
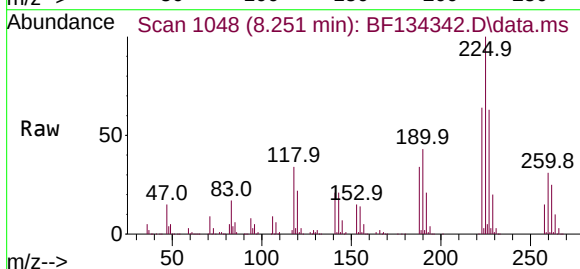
RT: 8.251 min Scan# 1048

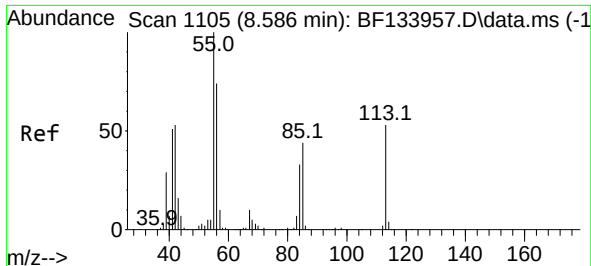
Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

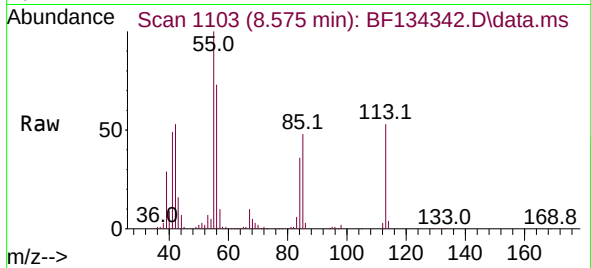
Tgt Ion:	225	Resp:	145328
Ion Ratio	Lower	Upper	
225	100		
223	63.6	49.8	74.8
227	62.9	51.0	76.4





#35
Caprolactam
Concen: 43.817 ng m
RT: 8.575 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

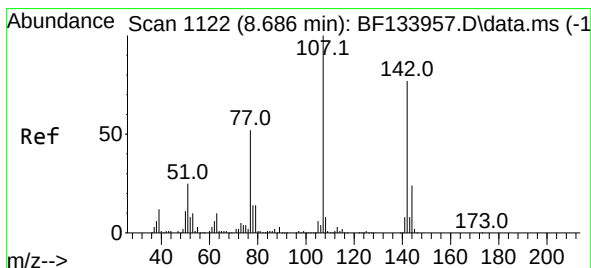
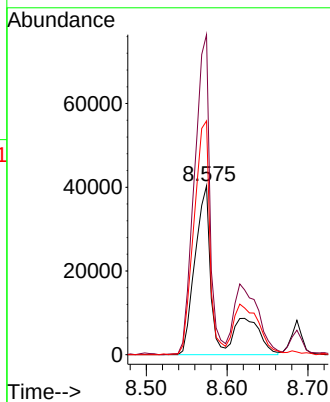
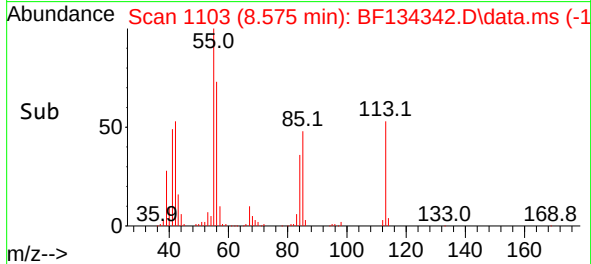
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:113 Resp: 72172
Ion Ratio Lower Upper
113 100
55 189.5 170.2 210.2
56 138.5 121.4 161.4

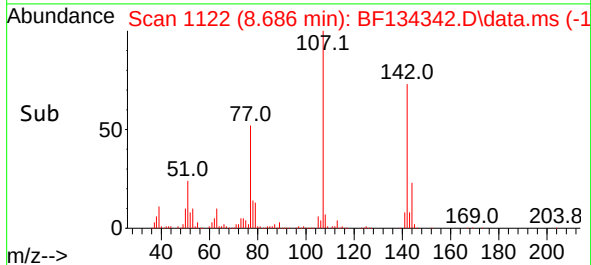
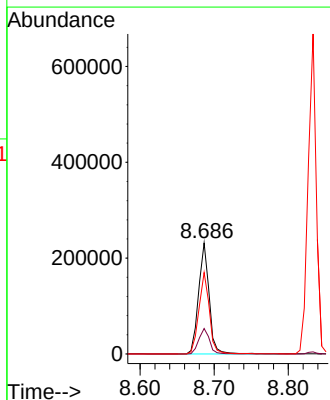
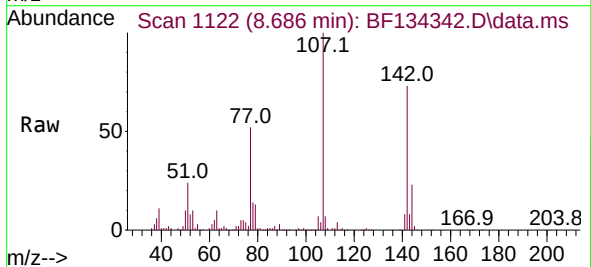
Manual Integrations
APPROVED

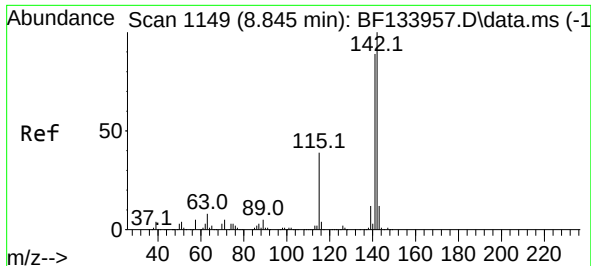
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#36
4-Chloro-3-methylphenol
Concen: 40.826 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:107 Resp: 229432
Ion Ratio Lower Upper
107 100
144 22.9 19.6 29.4
142 73.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 42.334 ng

RT: 8.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:142 Resp: 51246

Ion Ratio Lower Upper

142 100

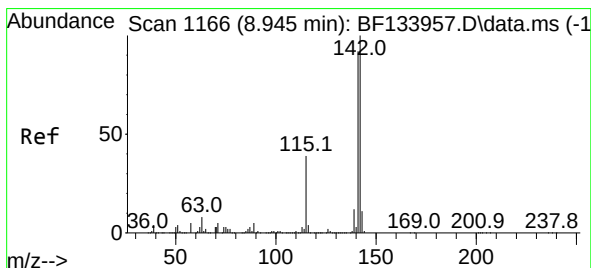
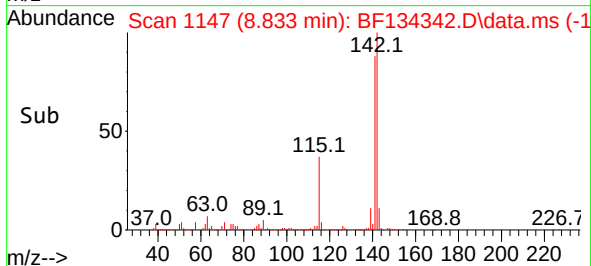
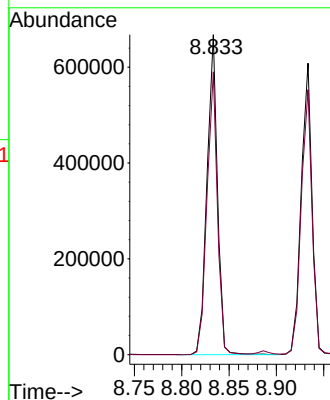
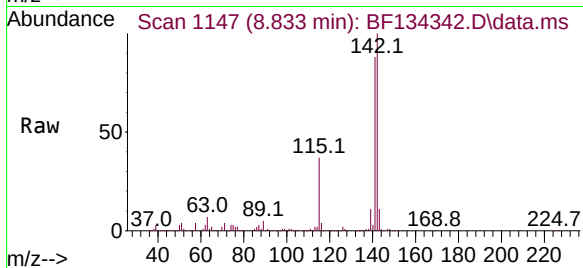
141 88.4 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#38

1-Methylnaphthalene

Concen: 42.876 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134342.D

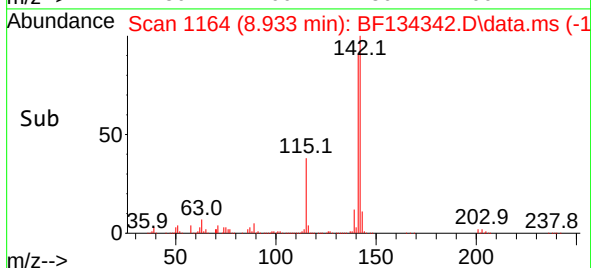
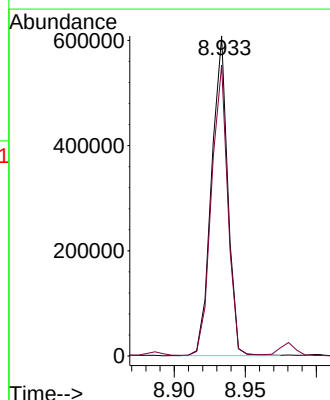
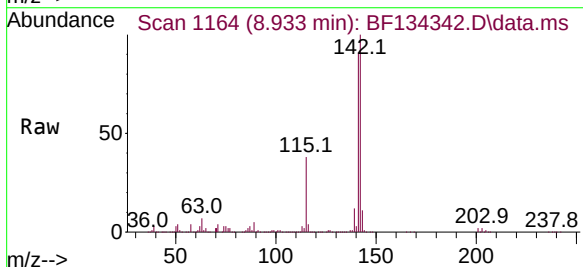
Acq: 18 Jul 2023 17:28

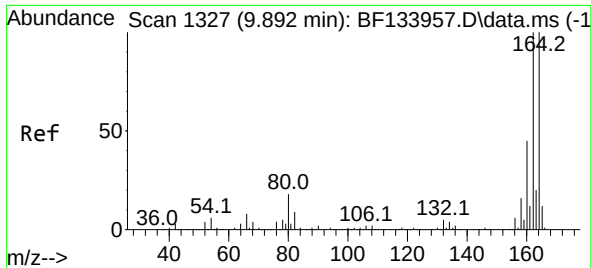
Tgt Ion:142 Resp: 482511

Ion Ratio Lower Upper

142 100

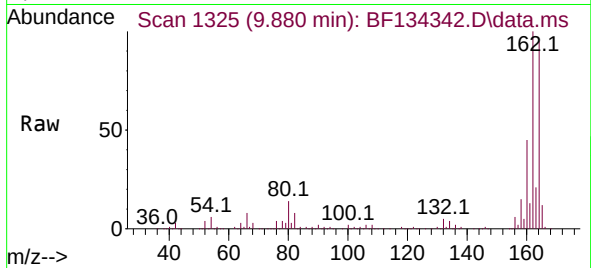
141 90.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

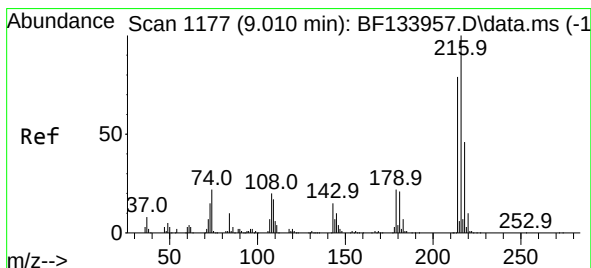
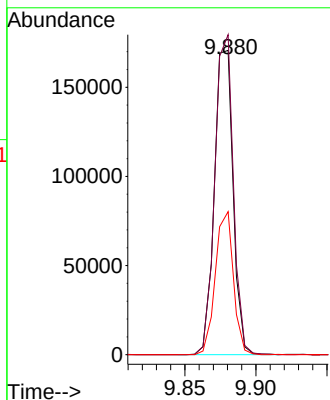
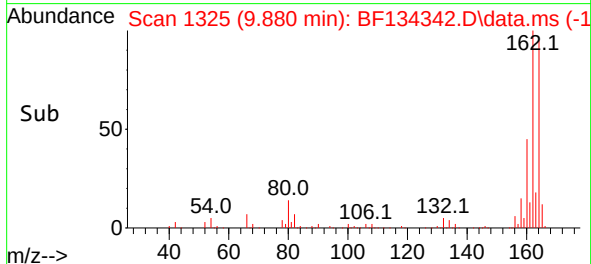
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



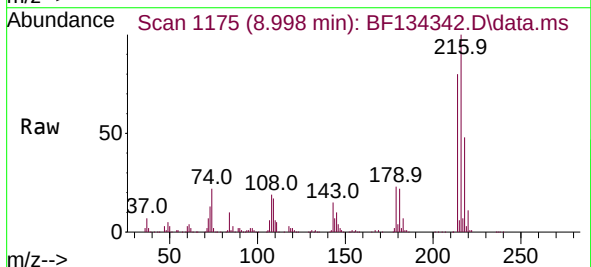
Tgt Ion:164 Resp: 157025
Ion Ratio Lower Upper
164 100
162 105.2 80.0 120.0
160 47.0 35.9 53.9

Manual Integrations
APPROVED

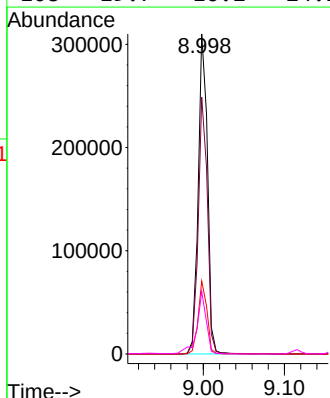
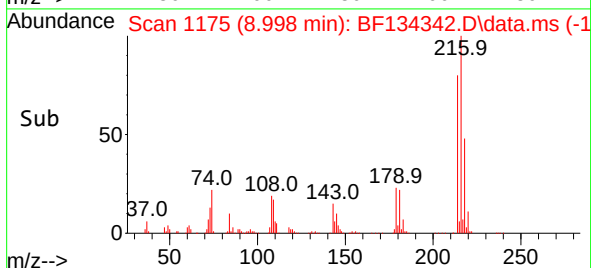
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

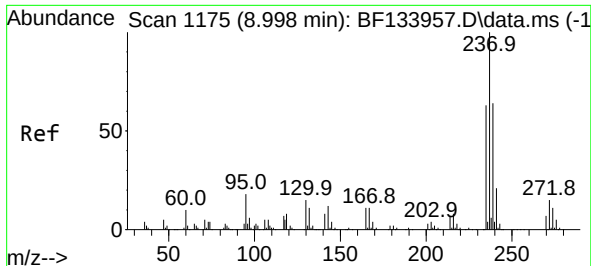


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.116 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28



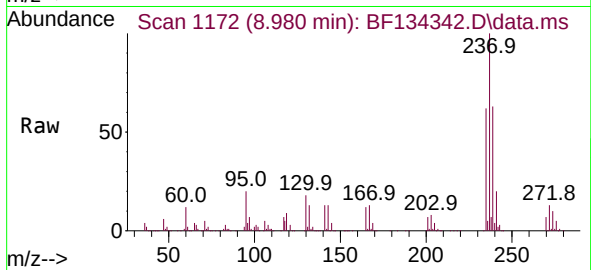
Tgt Ion:216 Resp: 247103
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 21.7 17.3 25.9
108 19.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 68.962 ng
RT: 8.980 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

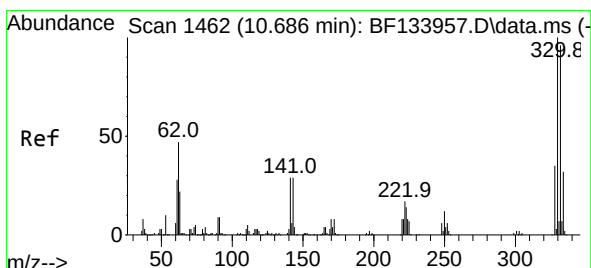
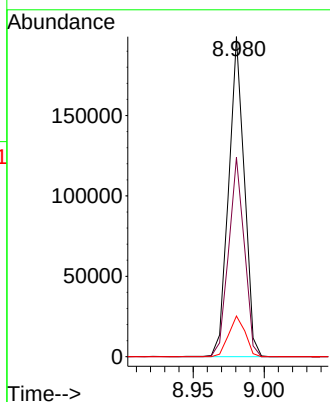
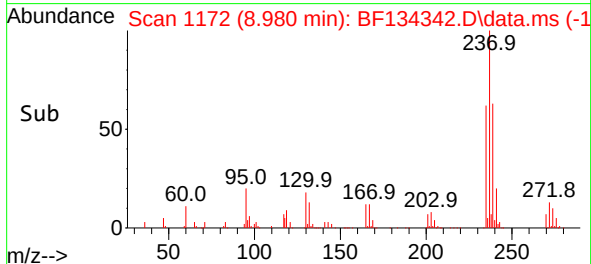
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



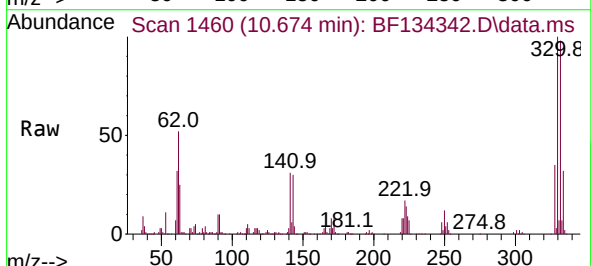
Tgt Ion:237 Resp: 15220
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 12.7 0.0 34.6

Manual Integrations
APPROVED

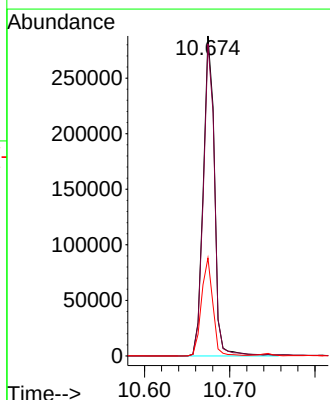
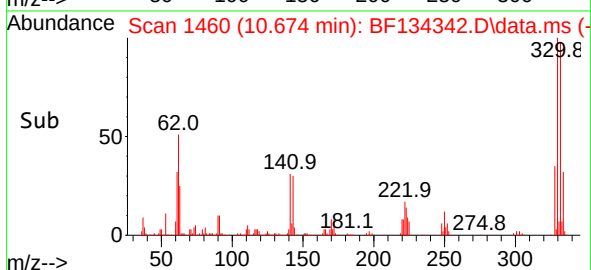
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

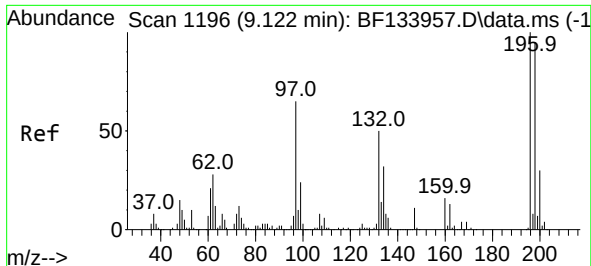


#42
2,4,6-Tribromophenol
Concen: 134.354 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28



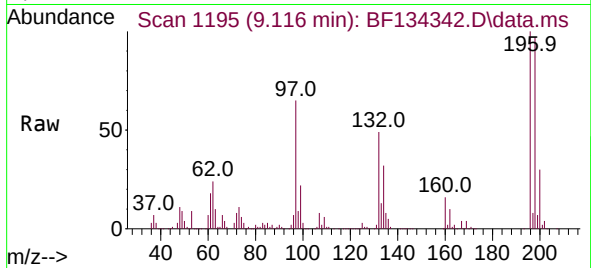
Tgt Ion:330 Resp: 264514
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 31.0 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 45.589 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

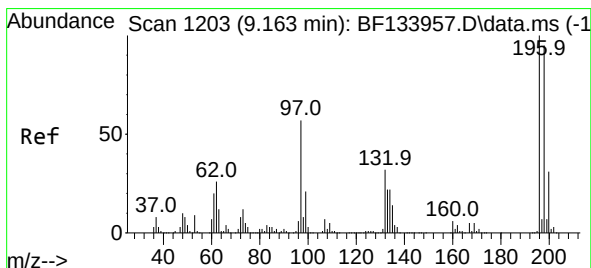
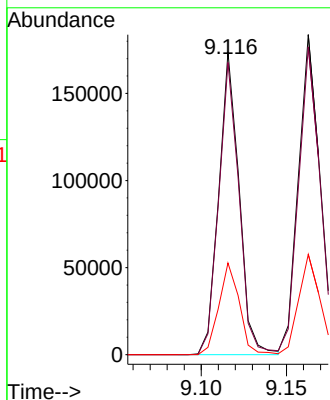
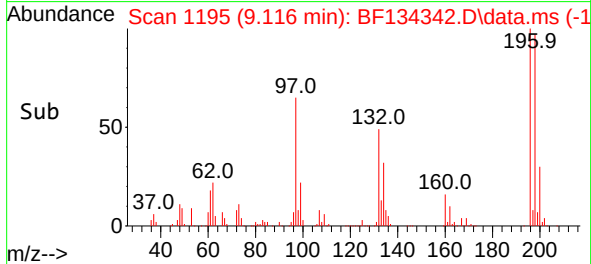
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:196 Resp: 144375
Ion Ratio Lower Upper
196 100
198 96.5 75.6 113.4
200 30.3 24.4 36.6

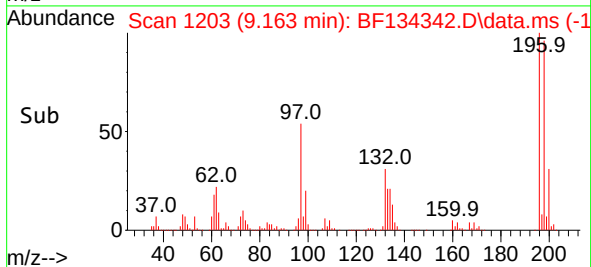
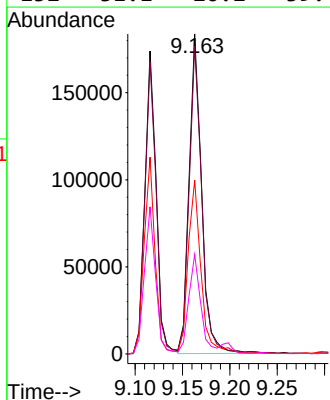
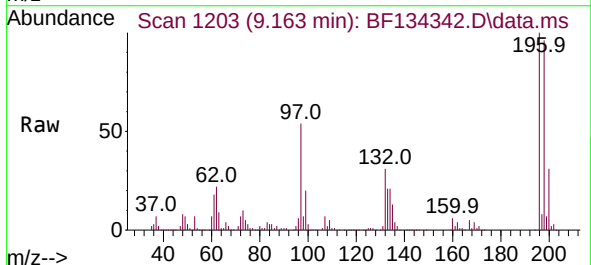
Manual Integrations
APPROVED

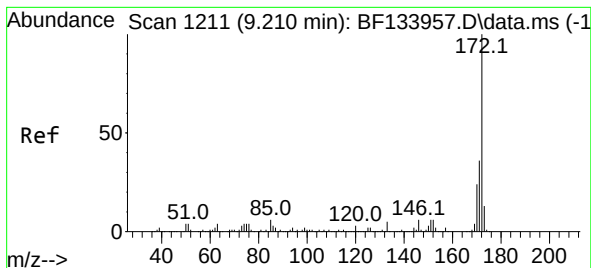
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#44
2,4,5-Trichlorophenol
Concen: 45.650 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:196 Resp: 170053
Ion Ratio Lower Upper
196 100
198 96.2 75.7 113.5
97 54.4 45.8 68.6
132 31.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 94.875 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:172 Resp: 1024679

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

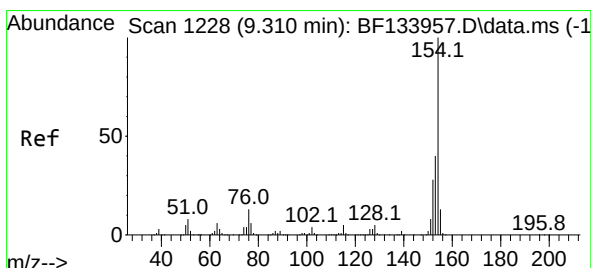
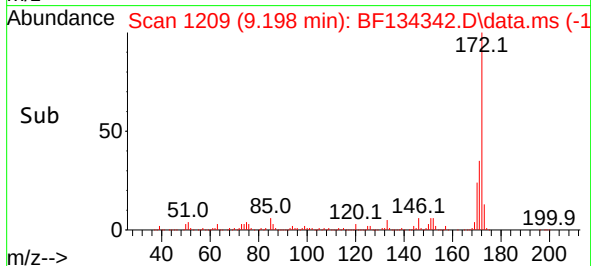
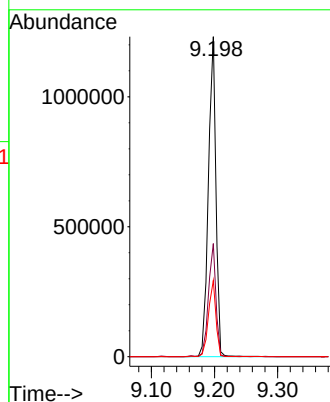
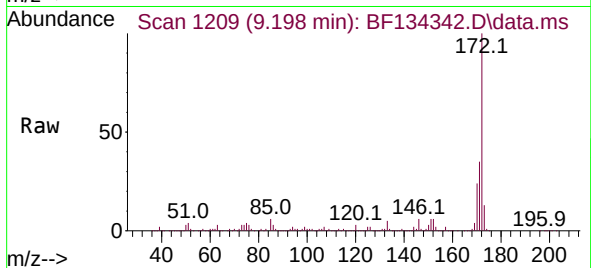
170 23.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#46

1,1'-Biphenyl

Concen: 49.464 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

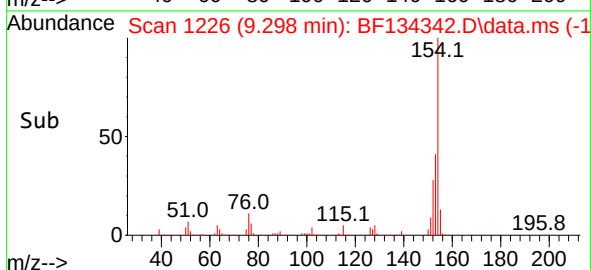
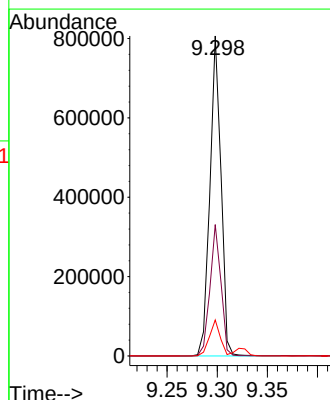
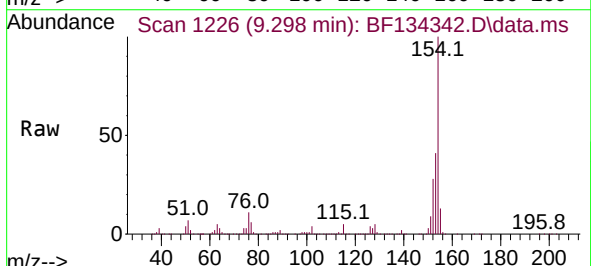
Tgt Ion:154 Resp: 623044

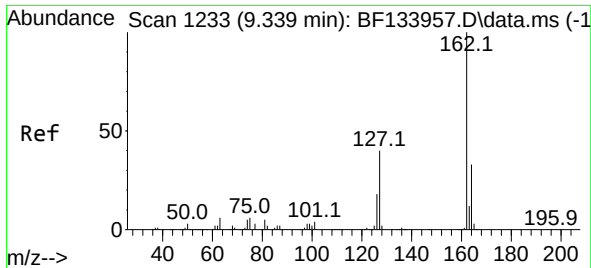
Ion Ratio Lower Upper

154 100

153 41.1 19.8 59.8

76 11.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 51.717 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:162 Resp: 476624

Ion Ratio Lower Upper

162 100

127 40.8 32.9 49.3

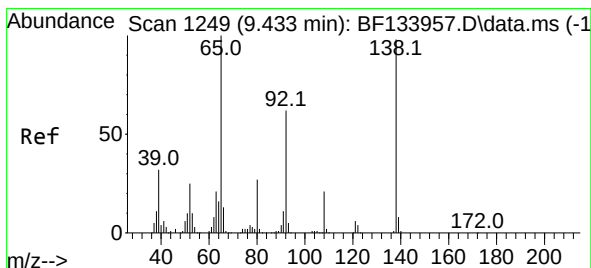
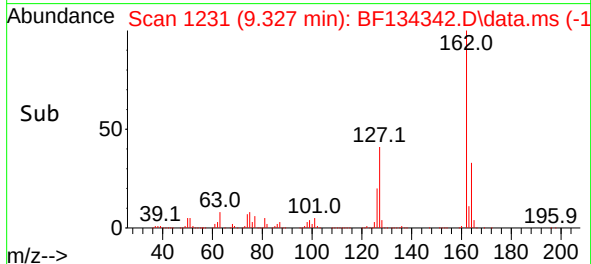
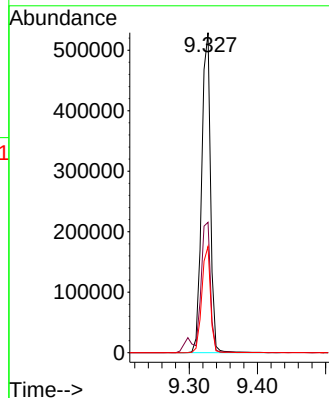
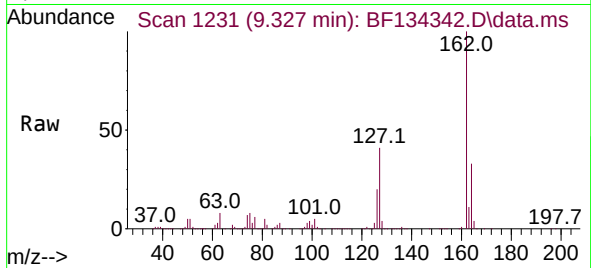
164 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#48

2-Nitroaniline

Concen: 48.662 ng

RT: 9.427 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

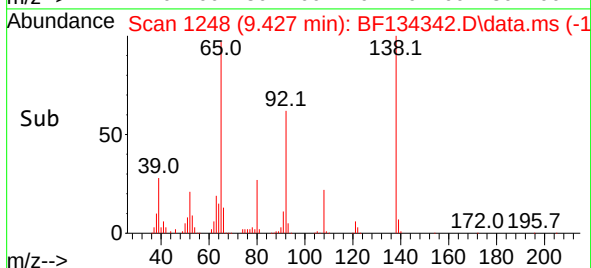
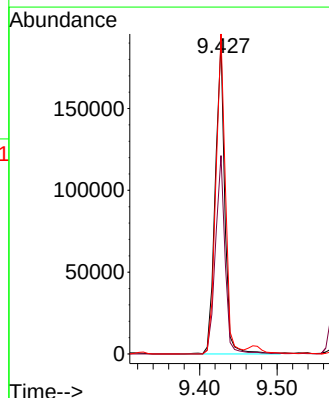
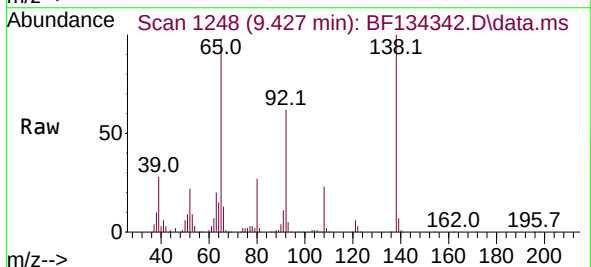
Tgt Ion: 65 Resp: 163443

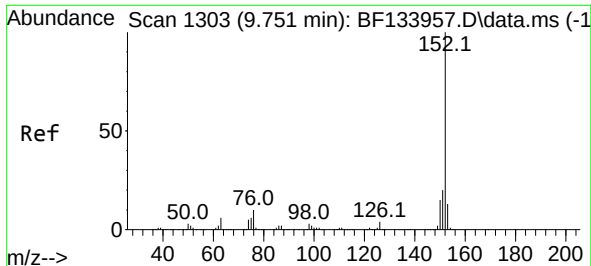
Ion Ratio Lower Upper

65 100

92 63.6 49.5 74.3

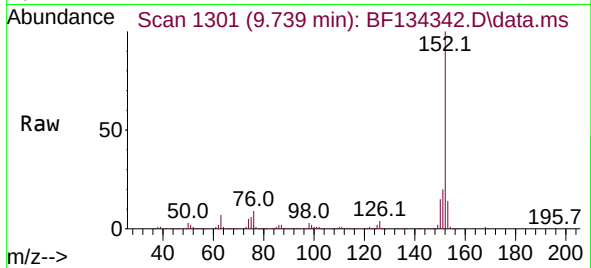
138 102.5 78.0 117.0





#49
Acenaphthylene
Concen: 42.731 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

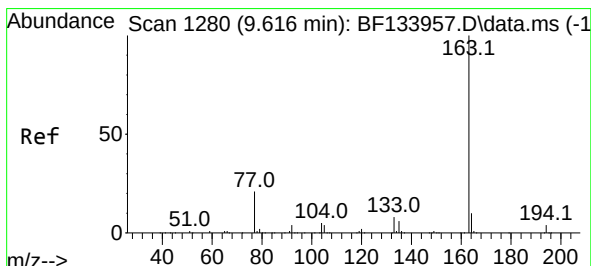
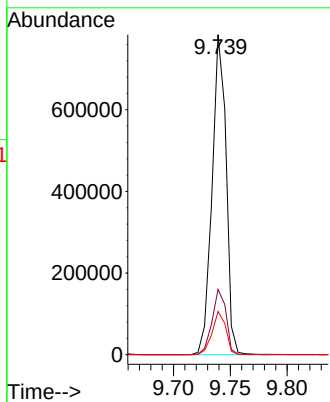
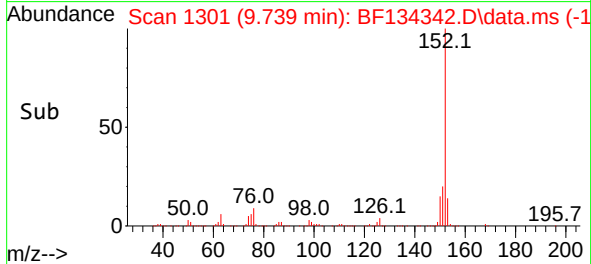
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



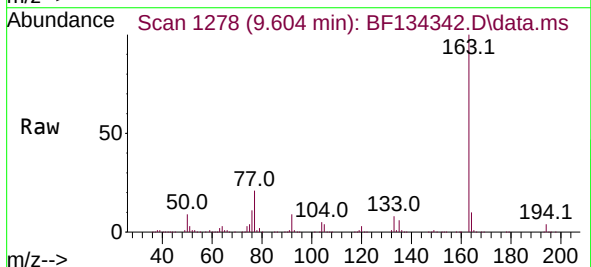
Tgt Ion:152 Resp: 67272
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.5 10.8 16.2

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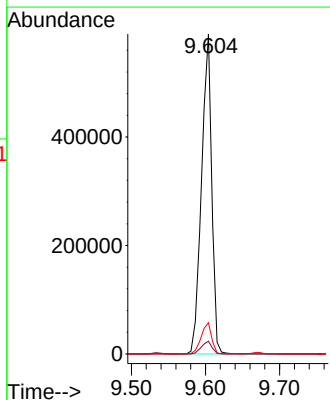
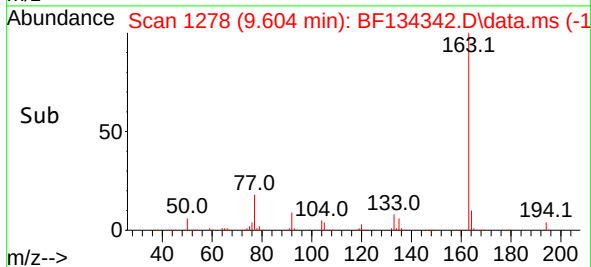
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

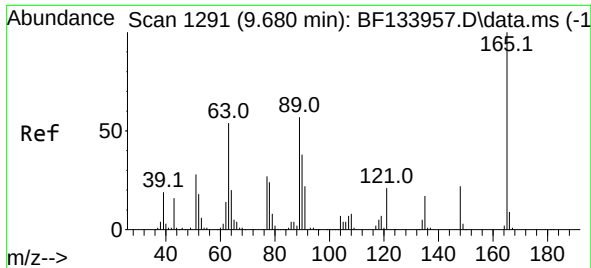


#50
Dimethylphthalate
Concen: 49.564 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28



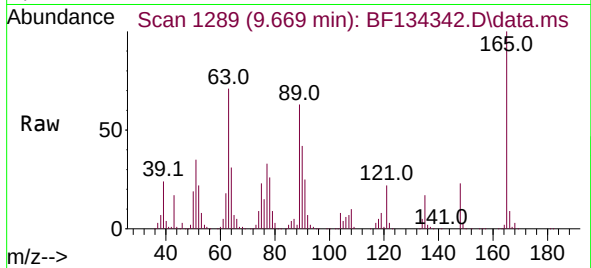
Tgt Ion:163 Resp: 564950
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.897 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

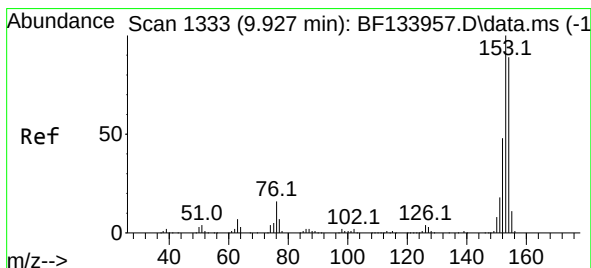
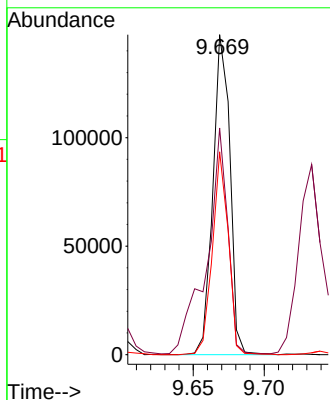
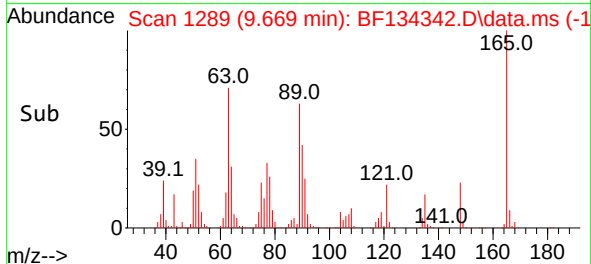
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:165 Resp: 122498
Ion Ratio Lower Upper
165 100
63 70.9 48.5 72.7
89 63.4 45.5 68.3

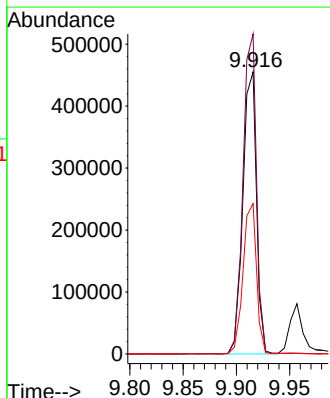
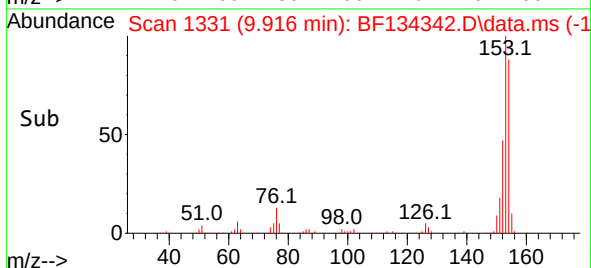
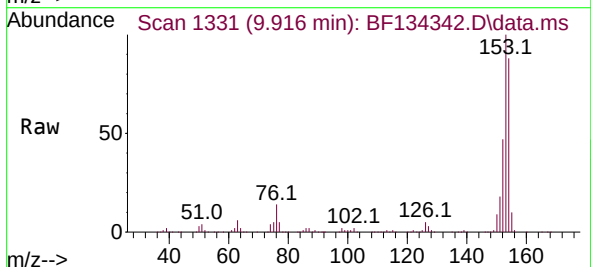
Manual Integrations
APPROVED

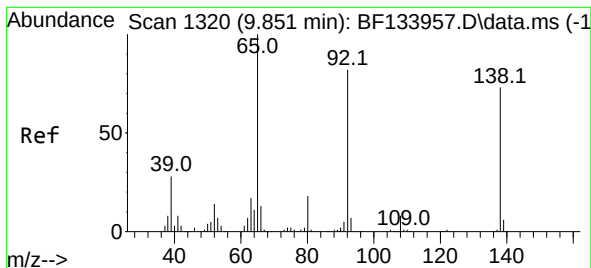
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#52
Acenaphthene
Concen: 44.479 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:154 Resp: 406322
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.2
152 53.3 42.8 64.2





#53

3-Nitroaniline

Concen: 19.057 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

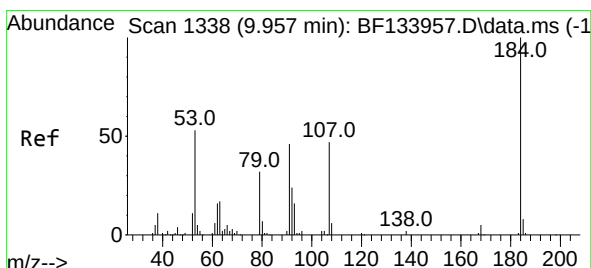
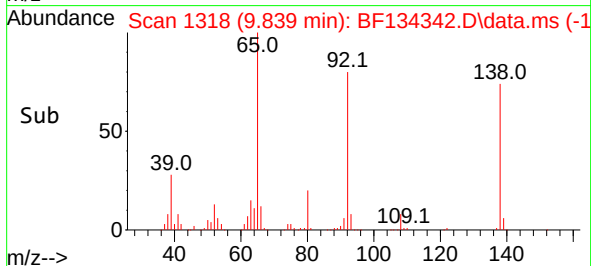
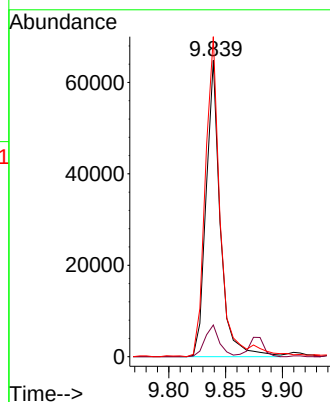
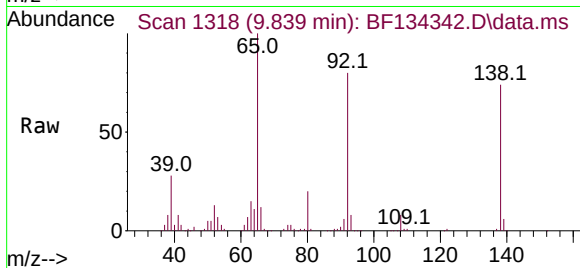
Tgt Ion:	138	Resp:	5612
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.4	12.6
92	108.0	90.1	135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#54

2,4-Dinitrophenol

Concen: 69.699 ng

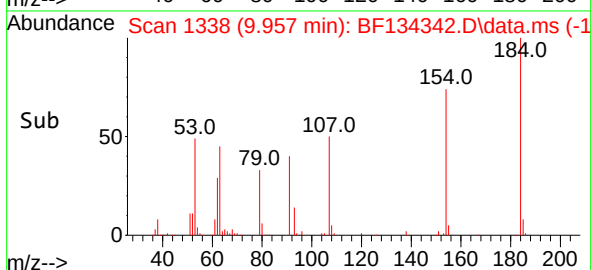
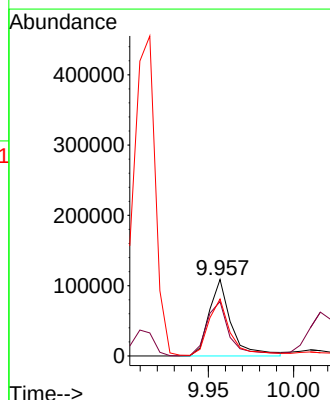
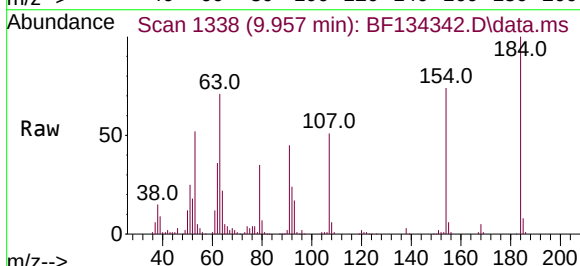
RT: 9.957 min Scan# 1338

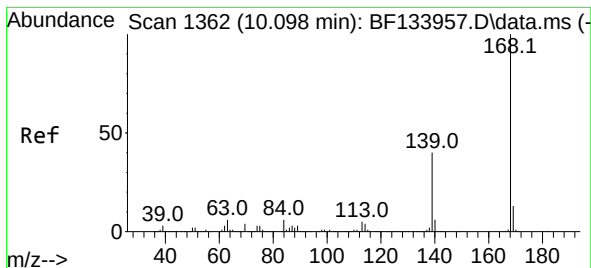
Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

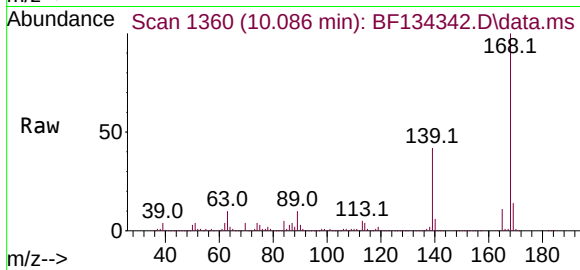
Tgt Ion:	184	Resp:	98079
Ion Ratio	Lower	Upper	
184	100		
63	71.3	56.9	85.3
154	74.5	55.4	83.0





#55
Dibenzenofuran
Concen: 48.013 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

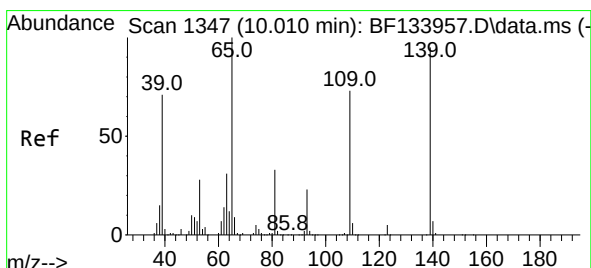
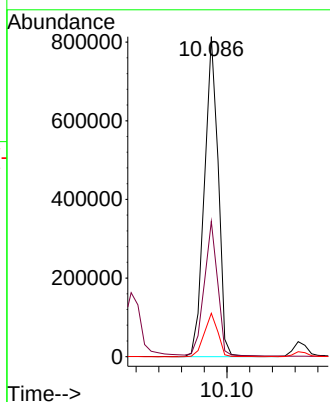
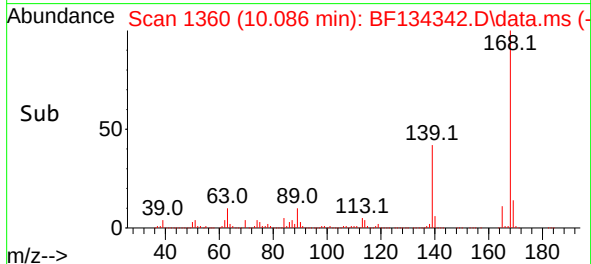
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:168 Resp: 68546
Ion Ratio Lower Upper
168 100
139 42.2 32.0 48.0
169 13.5 10.6 16.0

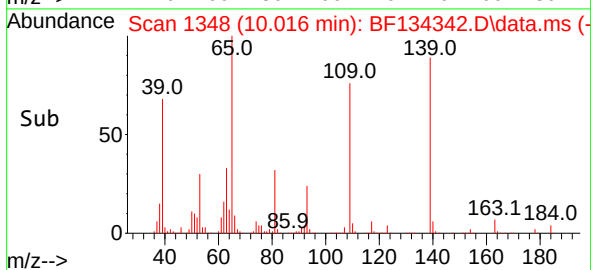
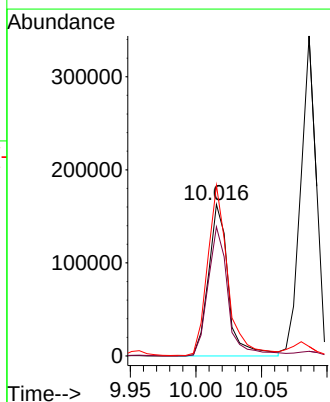
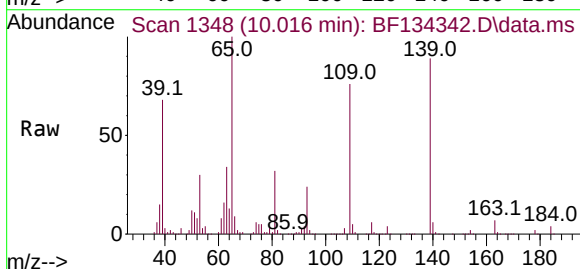
Manual Integrations
APPROVED

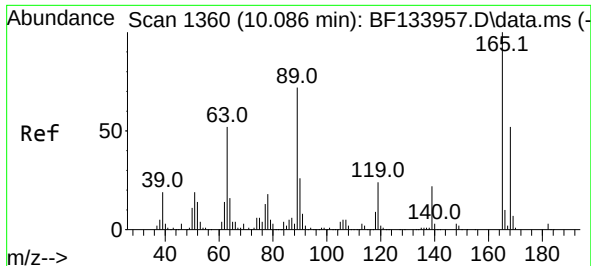
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#56
4-Nitrophenol
Concen: 83.444 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

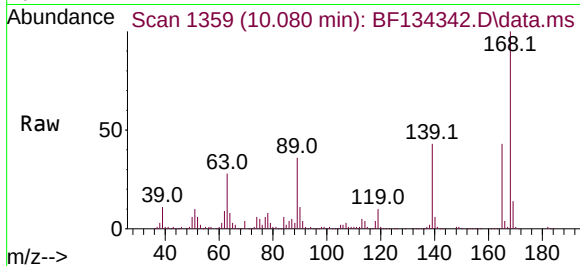
Tgt Ion:139 Resp: 171908
Ion Ratio Lower Upper
139 100
109 85.3 56.8 96.8
65 112.7 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 48.930 ng
RT: 10.080 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

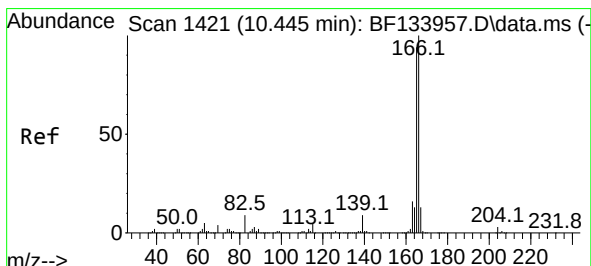
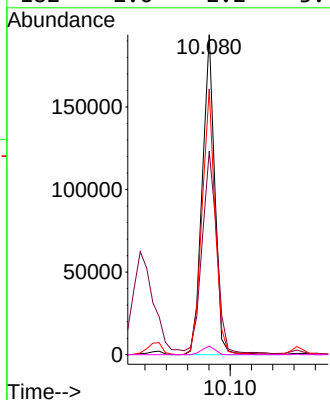
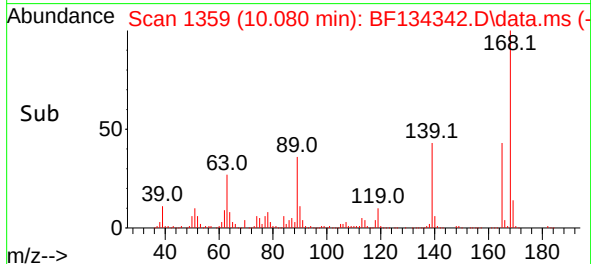
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



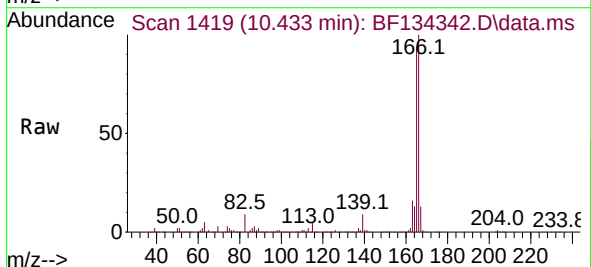
Tgt Ion:165 Resp: 15864
Ion Ratio Lower Upper
165 100
63 63.7 42.2 63.2
89 83.0 57.4 86.2
182 2.6 2.2 3.4

Manual Integrations
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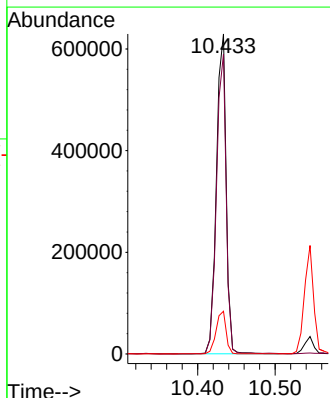
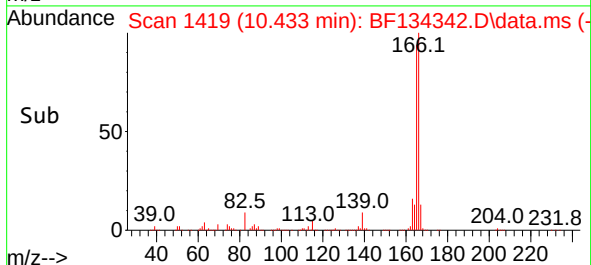
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

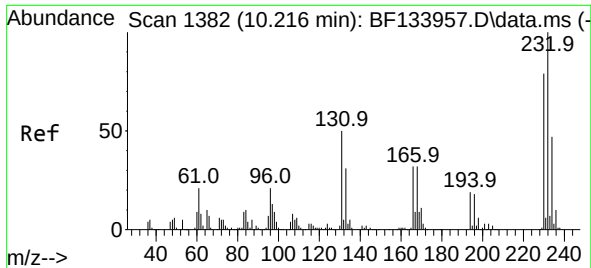


#58
Fluorene
Concen: 49.468 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28



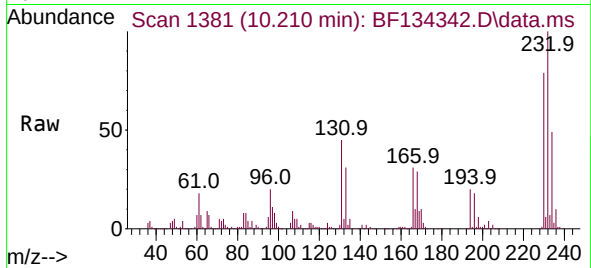
Tgt Ion:166 Resp: 549448
Ion Ratio Lower Upper
166 100
165 93.7 75.0 112.4
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.839 ng
RT: 10.210 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

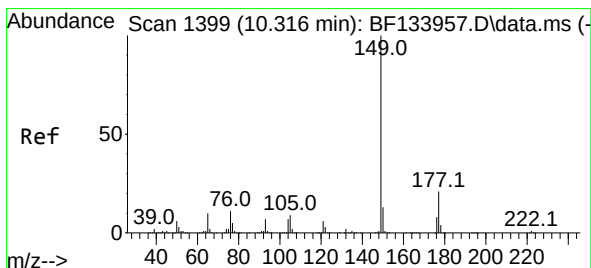
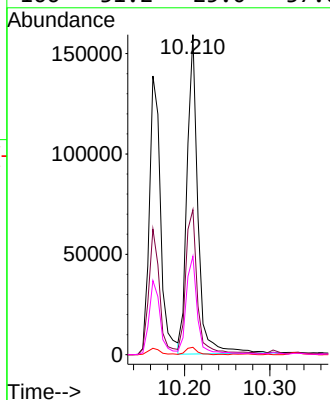
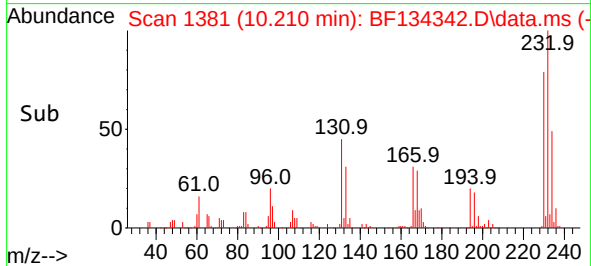
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:232 Resp: 140571
Ion Ratio Lower Upper
232 100
131 48.4 39.3 58.9
130 2.5 1.8 2.6
166 31.2 25.0 37.6

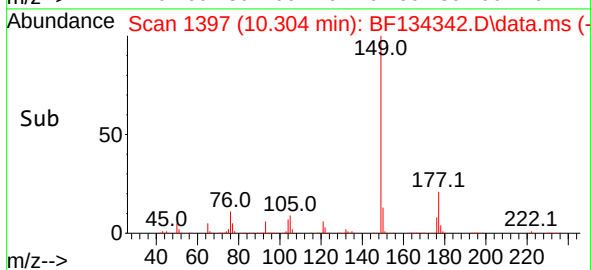
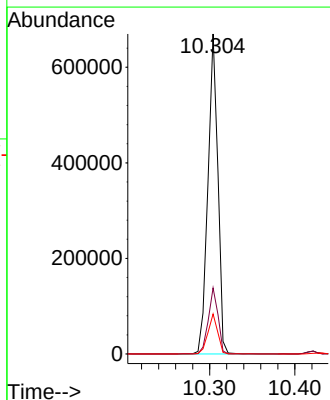
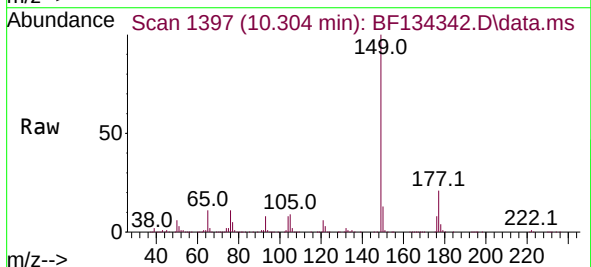
Manual Integrations
APPROVED

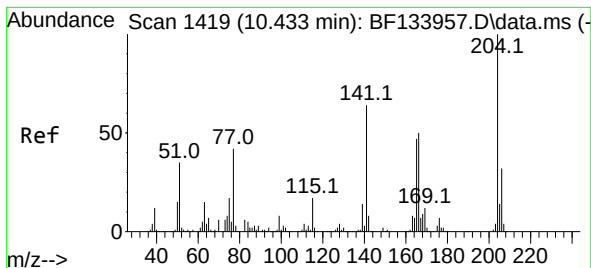
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#60
Diethylphthalate
Concen: 45.467 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

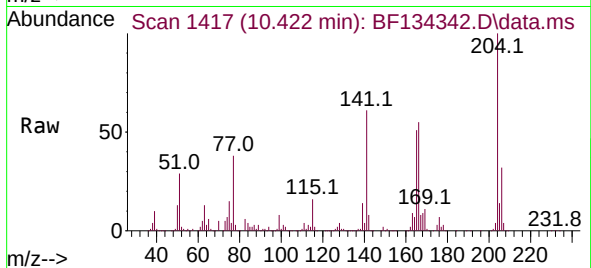
Tgt Ion:149 Resp: 539936
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 50.860 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

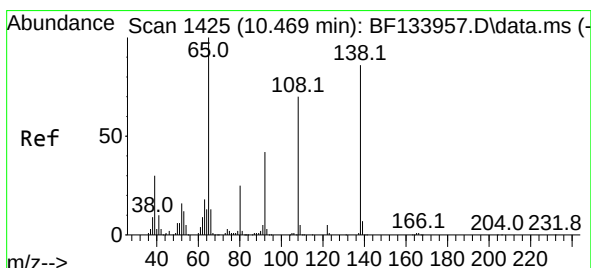
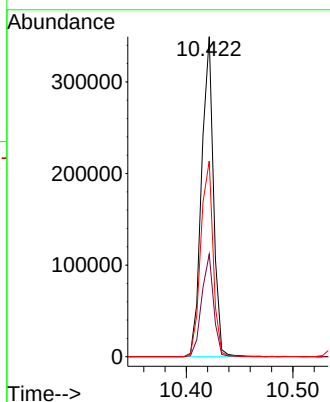
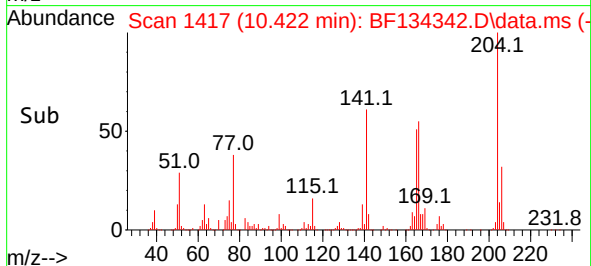
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:204 Resp: 272238
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 61.1 51.5 77.3

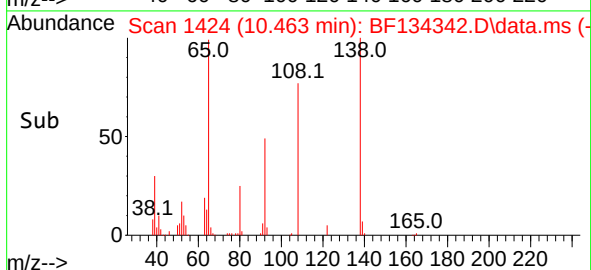
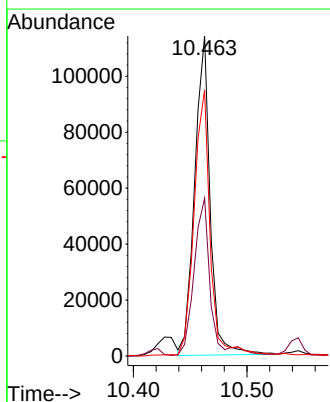
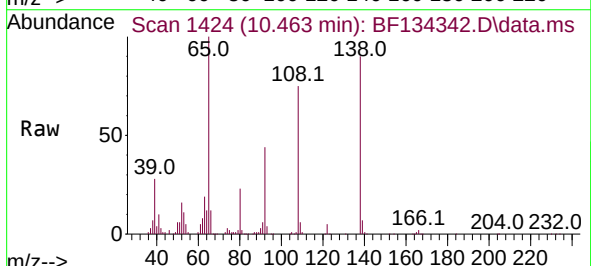
Manual Integrations
APPROVED

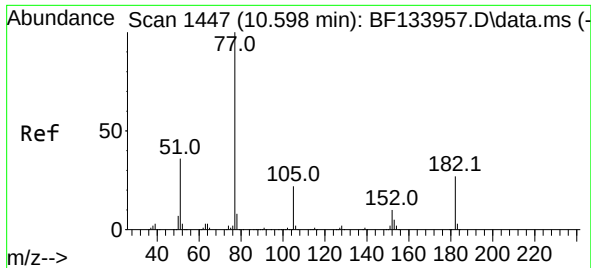
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#62
4-Nitroaniline
Concen: 36.557 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

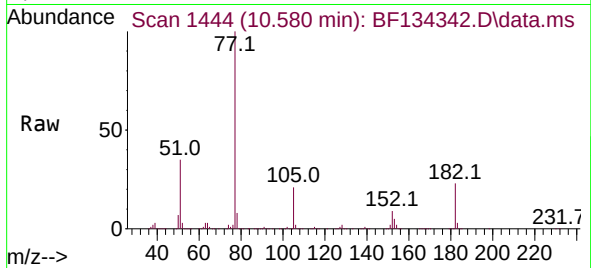
Tgt Ion:138 Resp: 108508
Ion Ratio Lower Upper
138 100
92 49.3 29.7 69.7
108 83.1 62.1 102.1





#63
Azobenzene
Concen: 47.422 ng
RT: 10.580 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

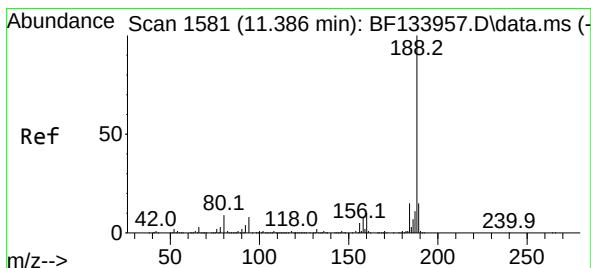
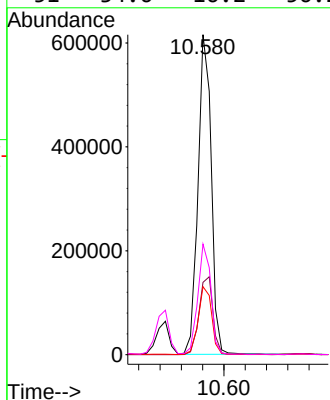
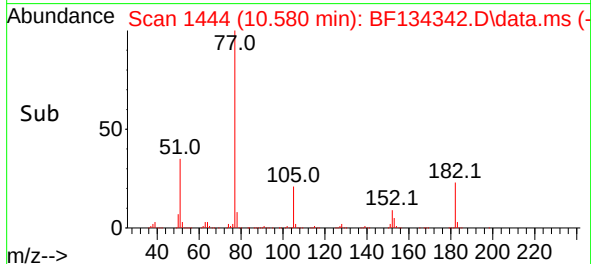
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion: 77 Resp: 53270
Ion Ratio Lower Upper
77 100
182 22.6 6.8 46.8
105 21.3 2.3 42.3
51 34.6 16.2 56.2

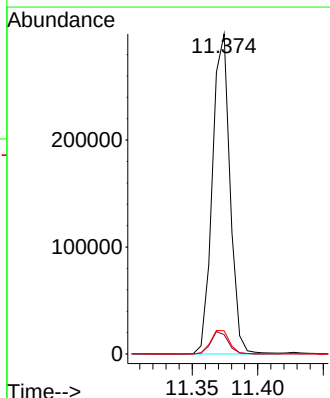
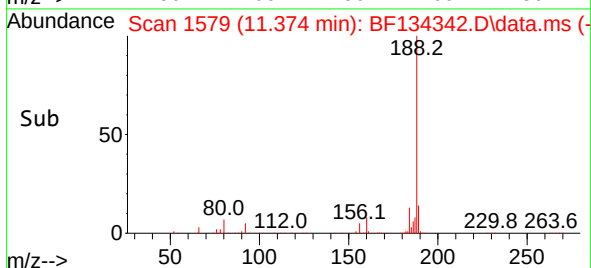
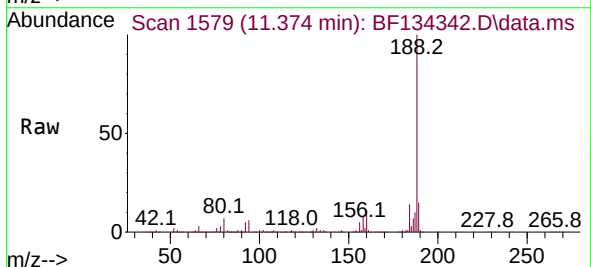
Manual Integrations
APPROVED

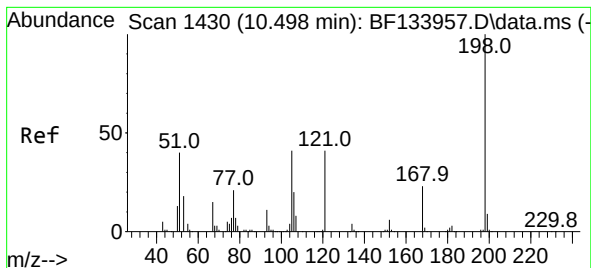
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:188 Resp: 279628
Ion Ratio Lower Upper
188 100
94 6.1 6.4 9.6#
80 7.2 7.3 10.9#





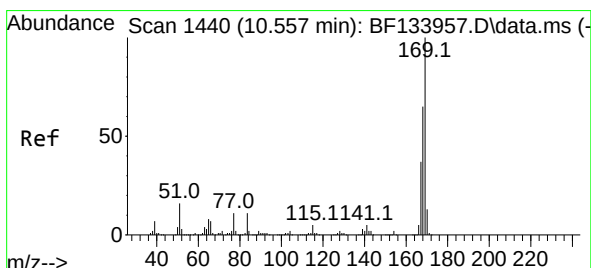
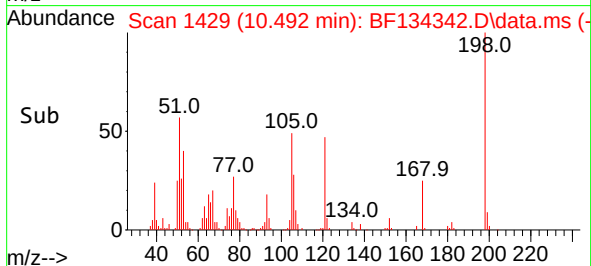
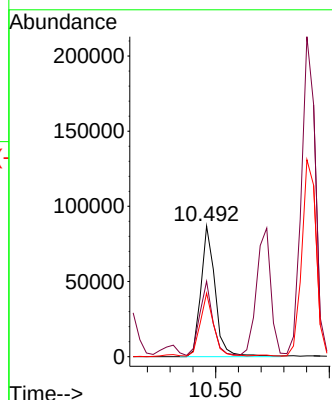
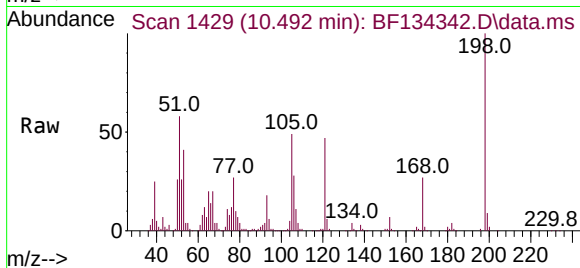
#65
4,6-Dinitro-2-methylphenol
Concen: 49.812 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:198 Resp: 75939
Ion Ratio Lower Upper
198 100
51 57.6 29.3 69.3
105 48.5 22.4 62.4

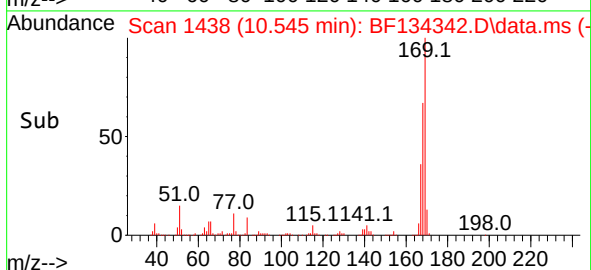
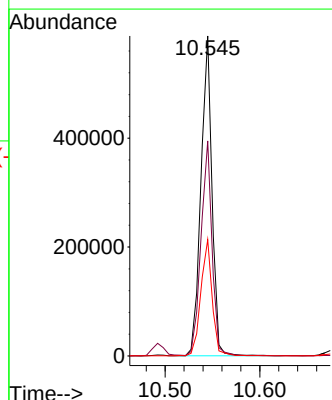
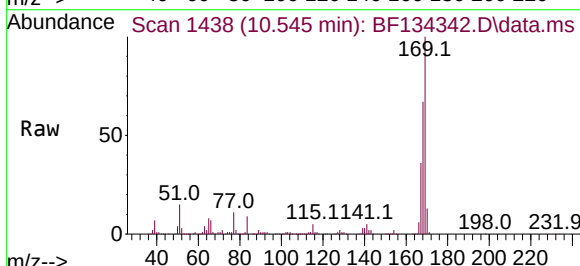
Manual Integrations
APPROVED

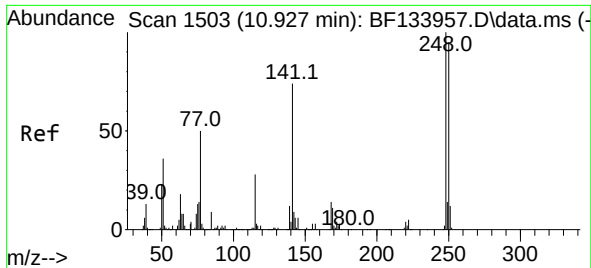
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#66
n-Nitrosodiphenylamine
Concen: 53.643 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

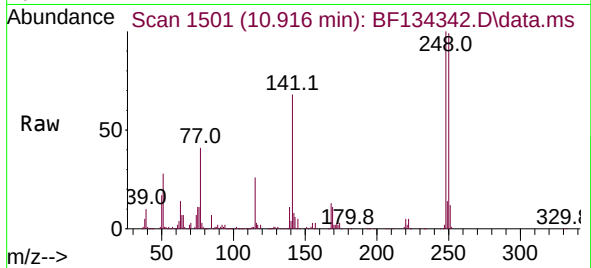
Tgt Ion:169 Resp: 479258
Ion Ratio Lower Upper
169 100
168 67.2 52.3 78.5
167 36.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 55.364 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

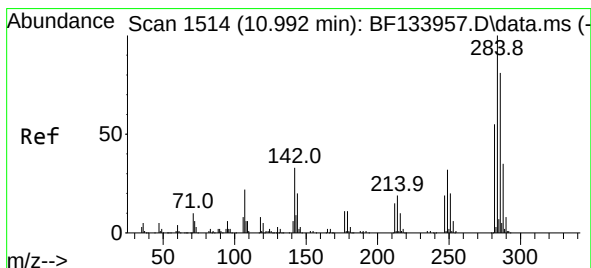
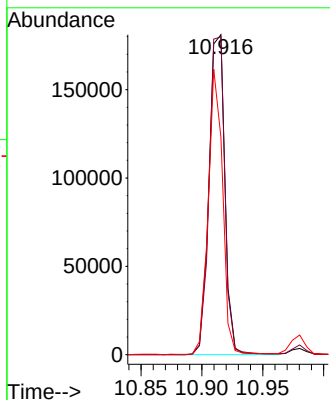
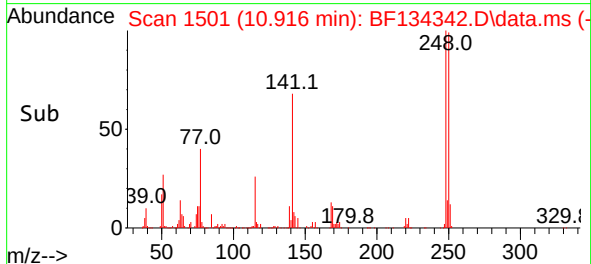
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



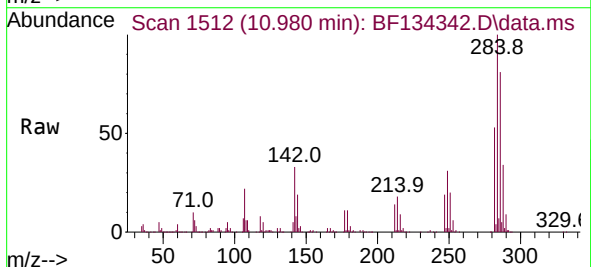
Tgt Ion:248 Resp: 164548
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.4
141 67.9 59.0 88.4

Manual Integrations
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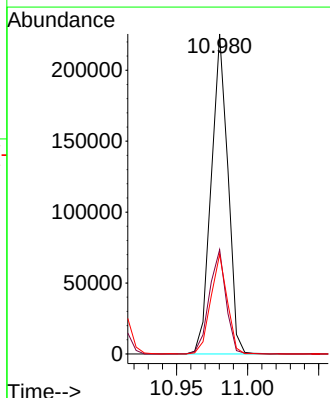
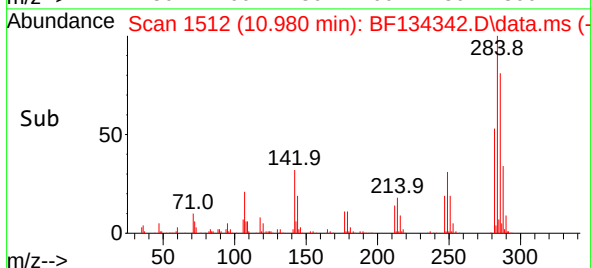
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

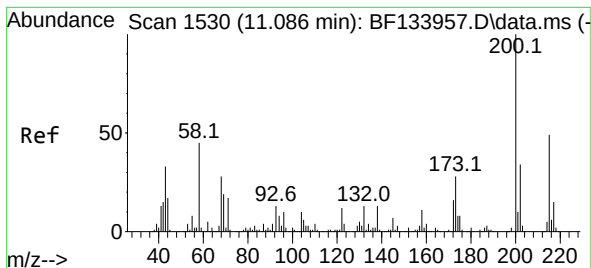


#68
Hexachlorobenzene
Concen: 58.187 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28



Tgt Ion:284 Resp: 183621
Ion Ratio Lower Upper
284 100
142 32.6 26.6 40.0
249 31.1 25.5 38.3





#69

Atrazine

Concen: 63.129 ng

RT: 11.074 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

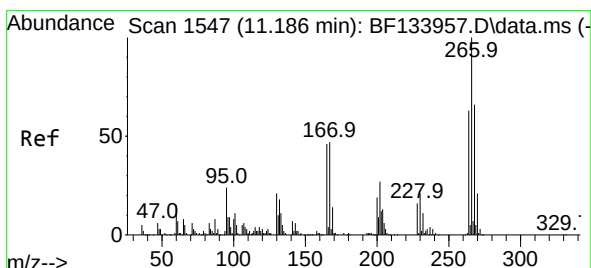
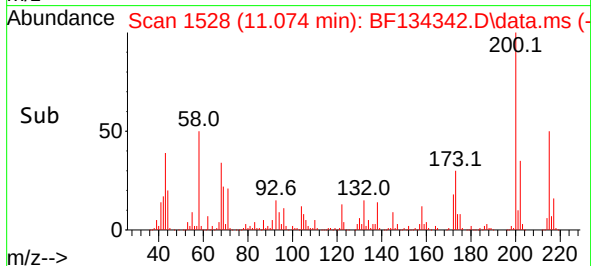
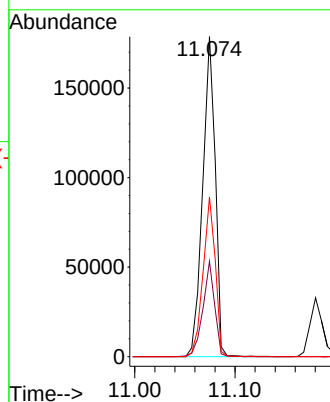
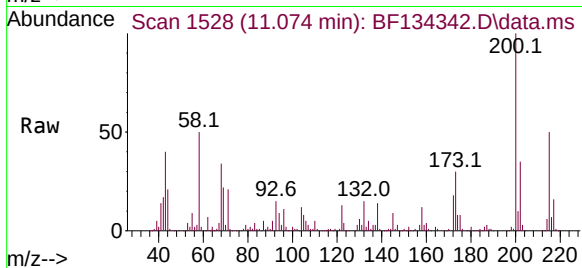
Tgt Ion:200 Resp: 156009
 Ion Ratio Lower Upper
 200 100
 173 29.8 8.0 48.0
 215 49.9 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#70

Pentachlorophenol

Concen: 90.409 ng

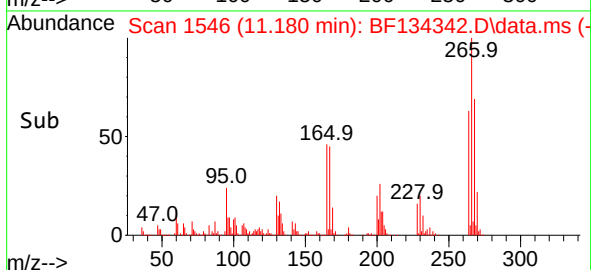
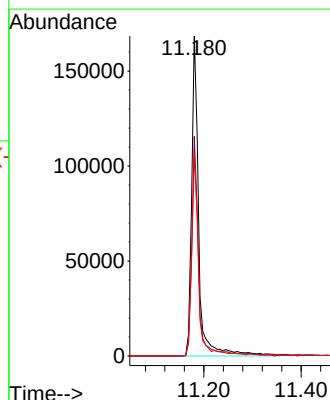
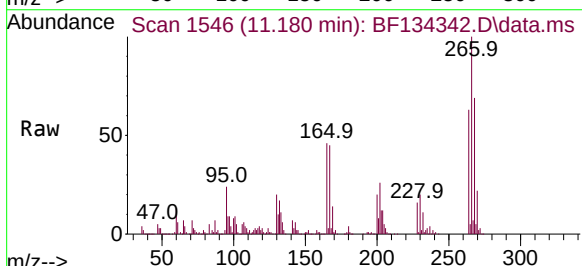
RT: 11.180 min Scan# 1546

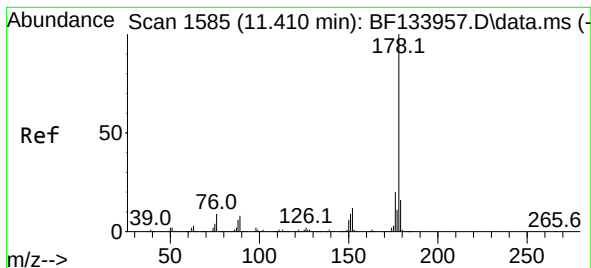
Delta R.T. -0.000 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Tgt Ion:266 Resp: 170587
 Ion Ratio Lower Upper
 266 100
 268 68.6 52.6 79.0
 264 63.2 50.6 76.0





#71

Phenanthrene

Concen: 48.712 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:178 Resp: 685710

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

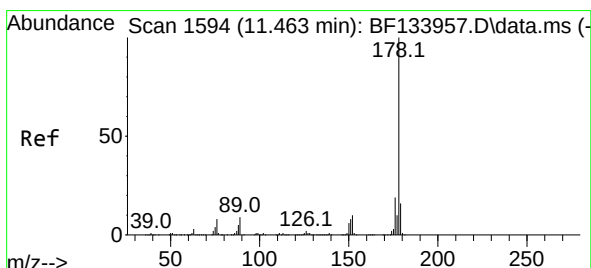
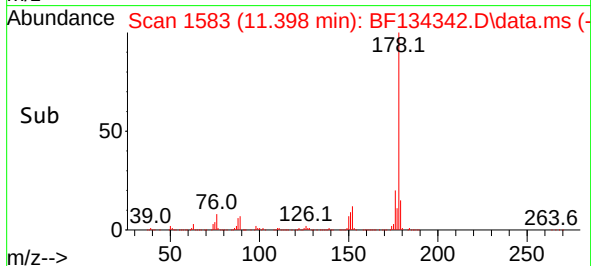
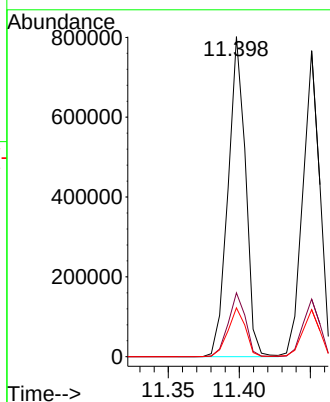
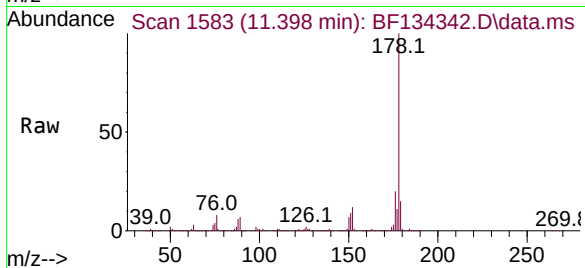
179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#72

Anthracene

Concen: 43.850 ng

RT: 11.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

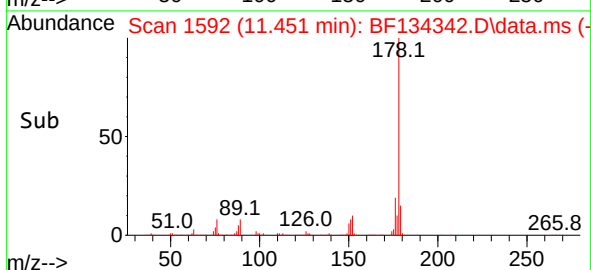
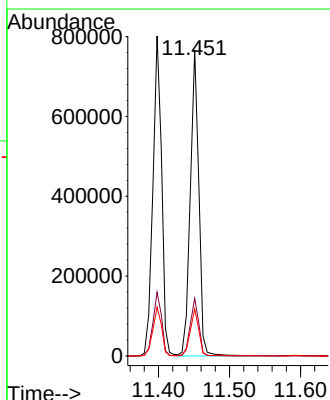
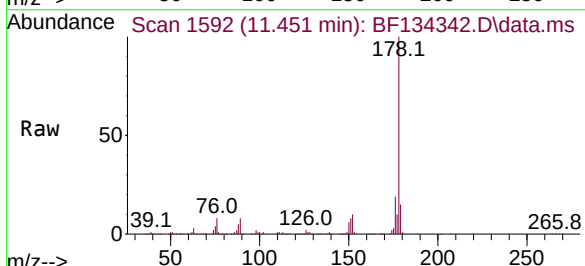
Tgt Ion:178 Resp: 642040

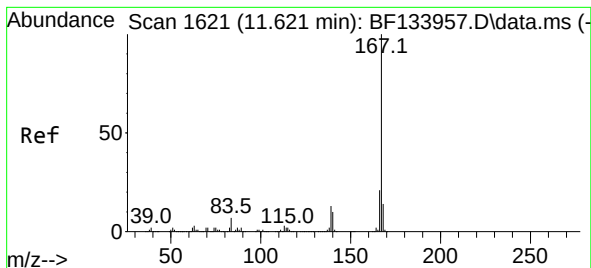
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

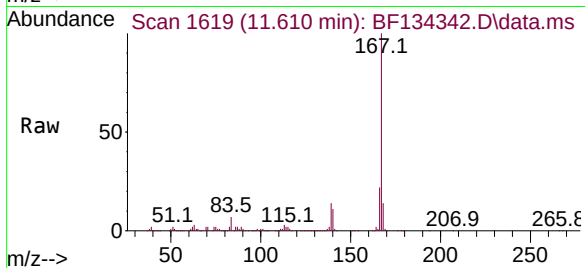
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 43.376 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28

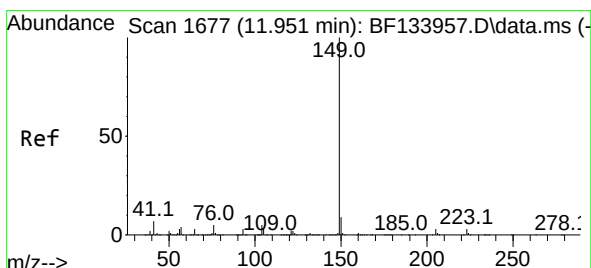
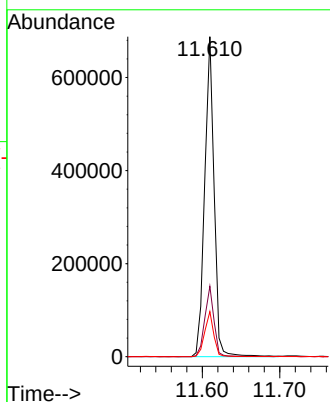
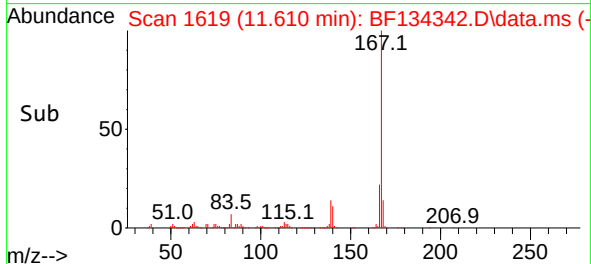
Instrument :
 BNA_F
 ClientSampleId :
 RB-51-(2-5)MSD



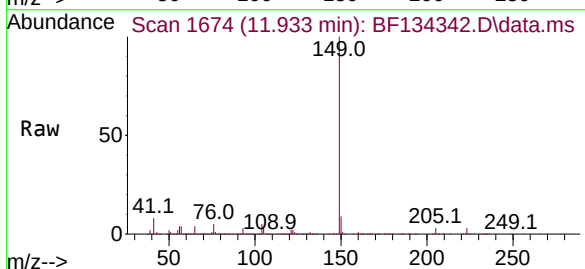
Tgt Ion:167 Resp: 581312
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 14.1 10.4 15.6

Manual Integrations
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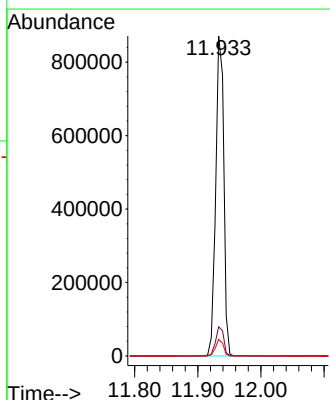
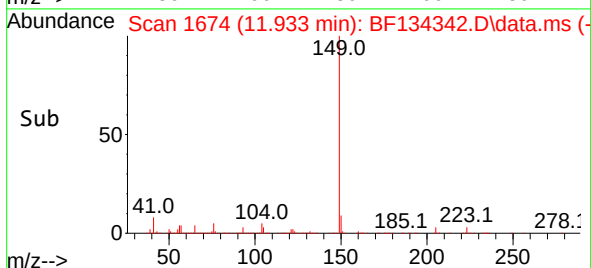
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

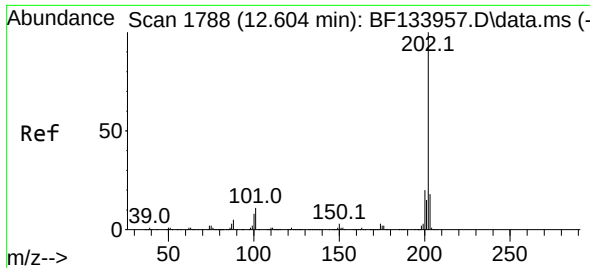


#74
 Di-n-butylphthalate
 Concen: 47.991 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF134342.D
 Acq: 18 Jul 2023 17:28



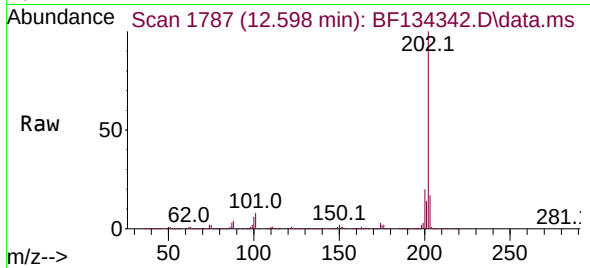
Tgt Ion:149 Resp: 764832
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 52.786 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

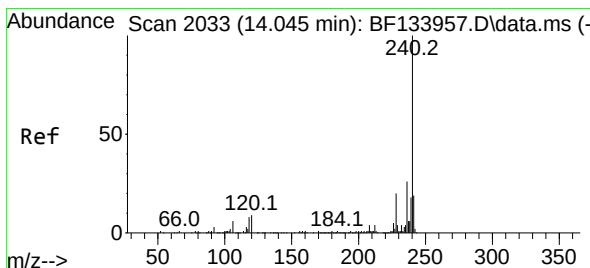
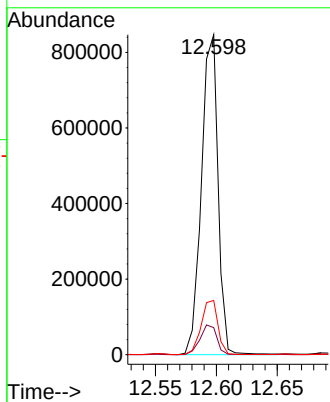
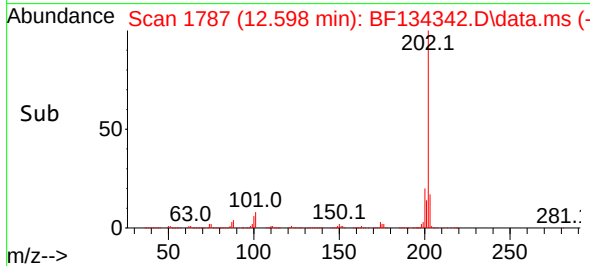
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:202 Resp: 803318
Ion Ratio Lower Upper
202 100
101 8.4 0.0 31.0
203 16.9 0.0 37.6

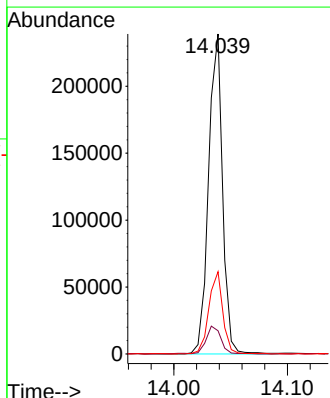
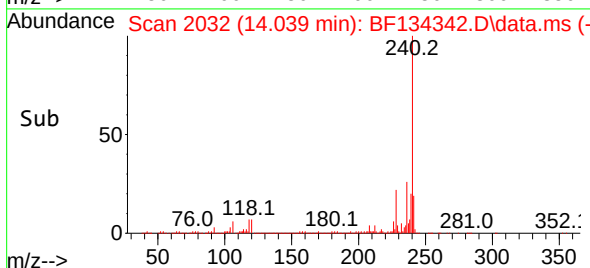
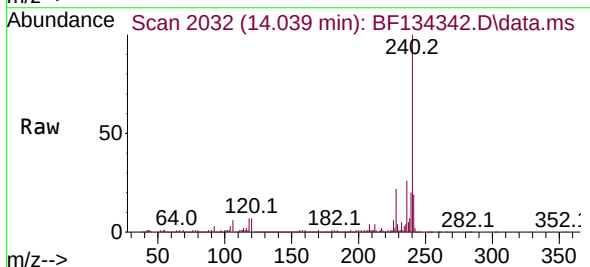
Manual Integrations
APPROVED

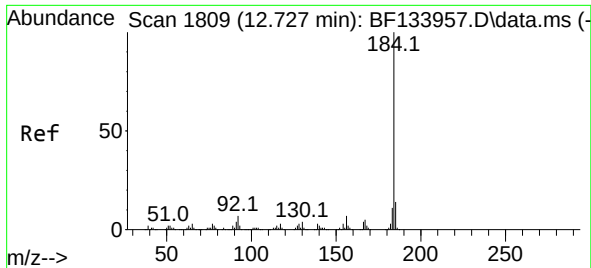
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

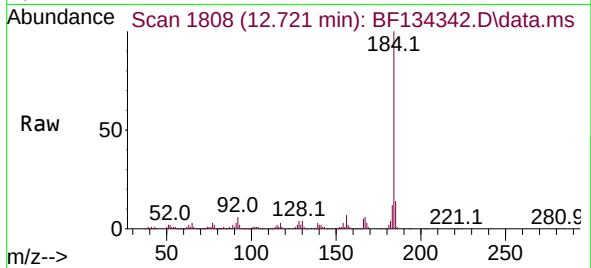
Tgt Ion:240 Resp: 203860
Ion Ratio Lower Upper
240 100
120 7.2 7.4 11.0#
236 25.7 21.0 31.6





#77
Benzidine
Concen: 55.317 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

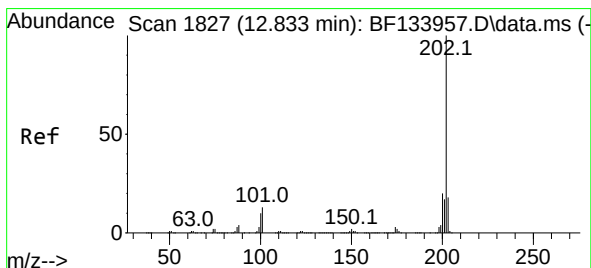
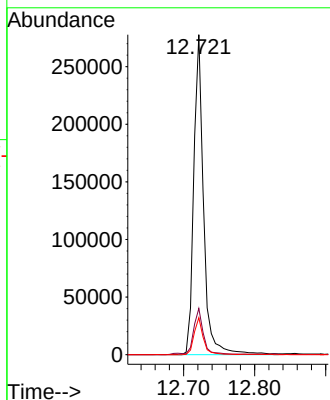
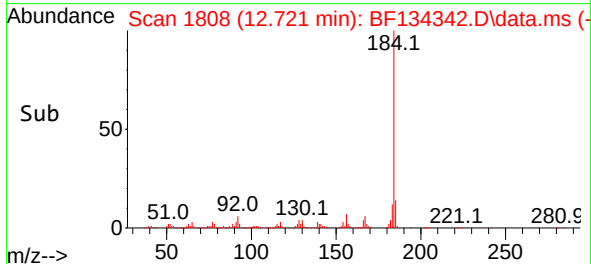
Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD



Tgt Ion:184 Resp: 26832
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.5 8.8 13.2

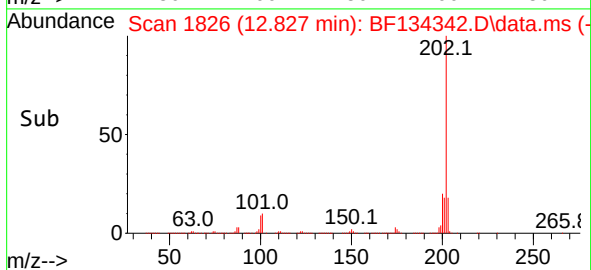
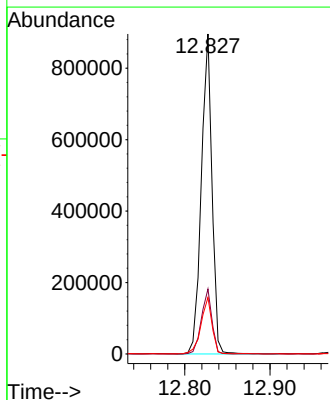
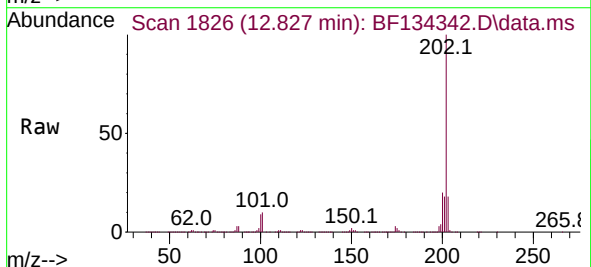
Manual Integrations
APPROVED

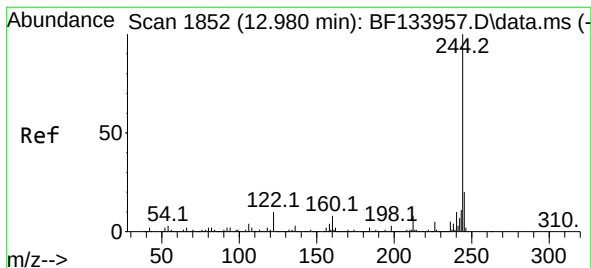
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#78
Pyrene
Concen: 40.996 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:202 Resp: 777768
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 81.888 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:244 Resp: 1037249

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

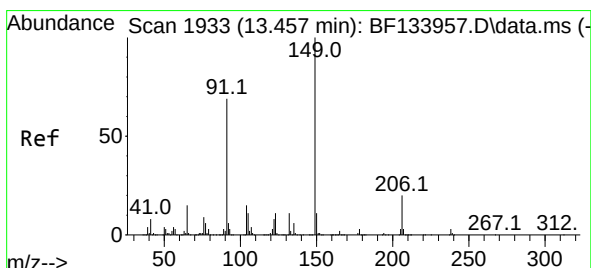
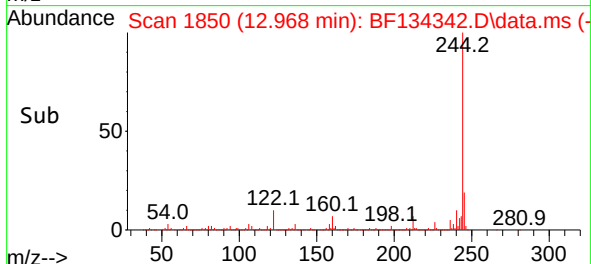
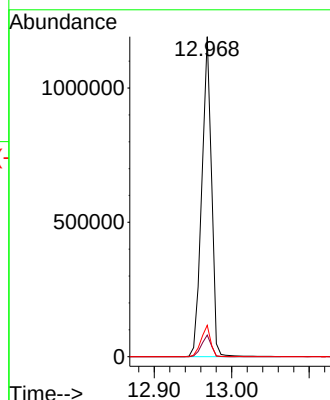
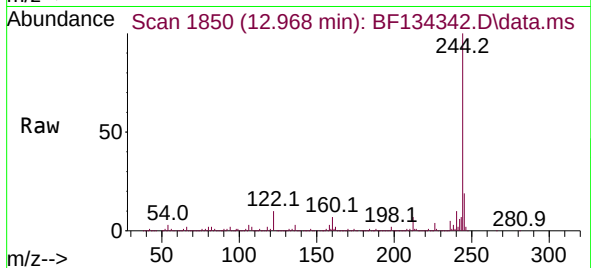
122 9.8 8.3 12.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#80

Butylbenzylphthalate

Concen: 45.214 ng

RT: 13.445 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

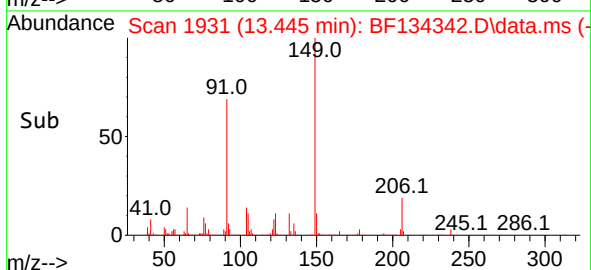
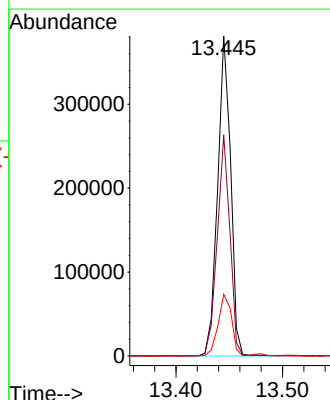
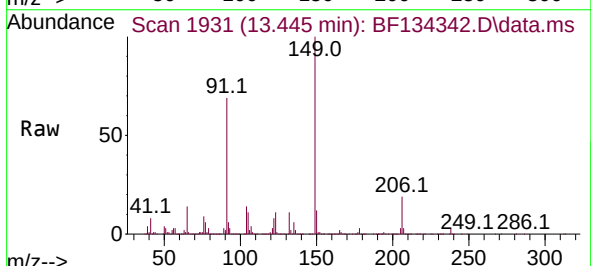
Tgt Ion:149 Resp: 321715

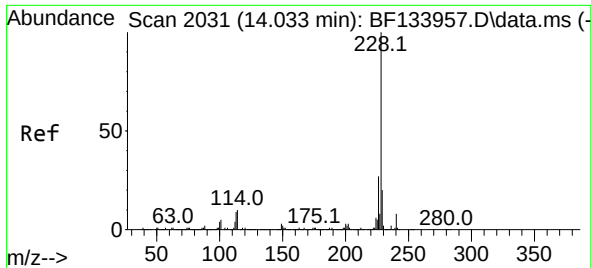
Ion Ratio Lower Upper

149 100

91 69.1 55.1 82.7

206 19.2 15.7 23.5





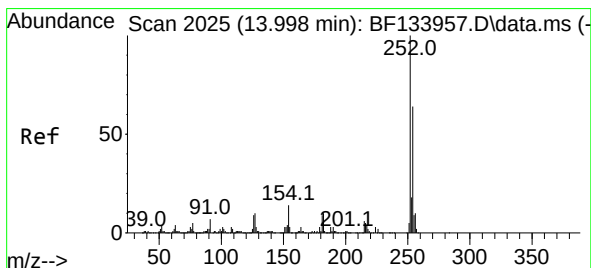
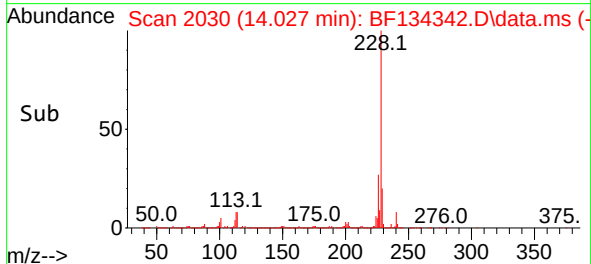
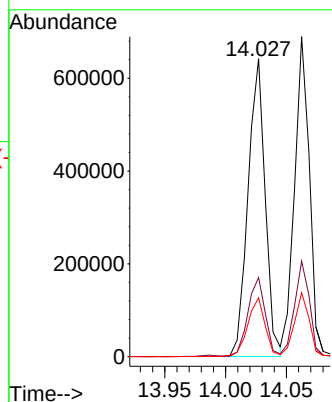
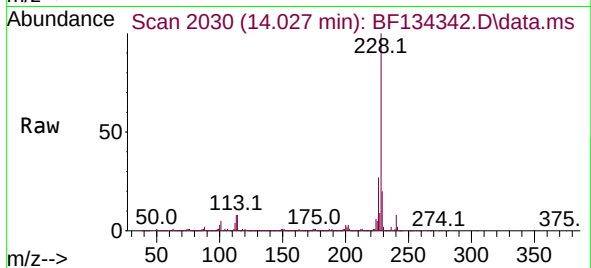
#81
Benzo(a)anthracene
Concen: 44.558 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:228 Resp: 62996
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.7 16.3 24.5

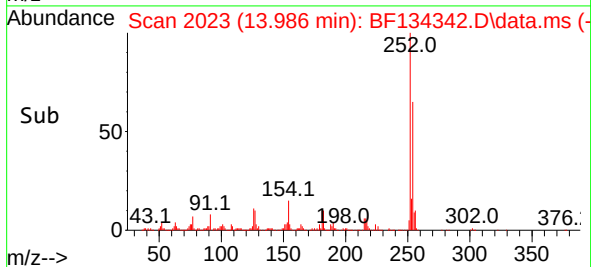
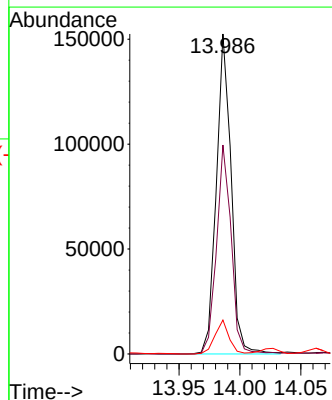
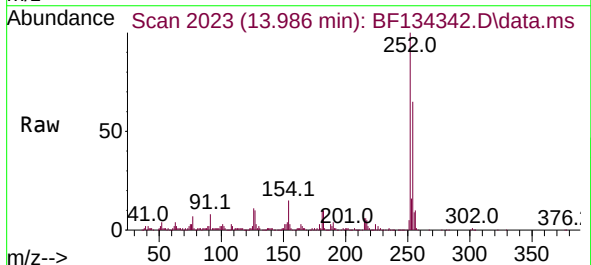
Manual Integrations
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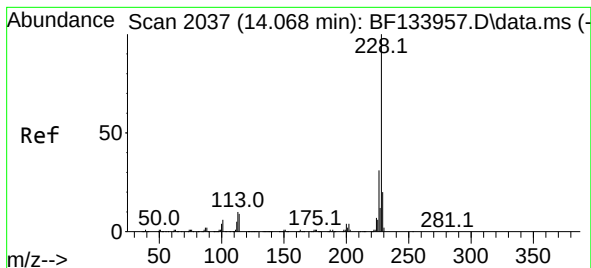
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#82
3,3'-Dichlorobenzidine
Concen: 28.722 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:252 Resp: 128653
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.0
126 10.6 7.4 11.2





#83

Chrysene

Concen: 42.793 ng

RT: 14.062 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:228 Resp: 585990

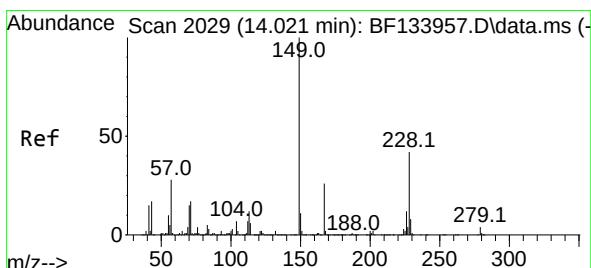
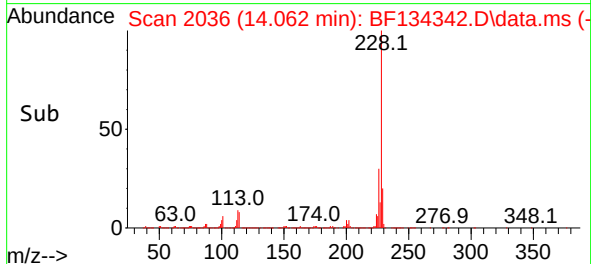
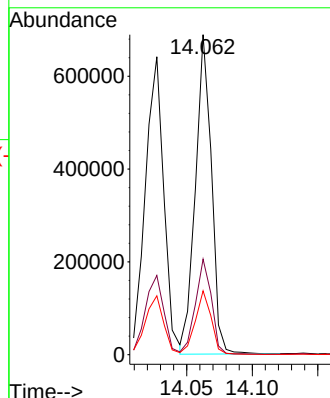
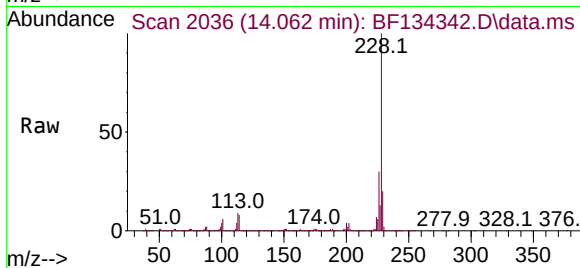
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	20.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.188 ng

RT: 14.009 min Scan# 2027

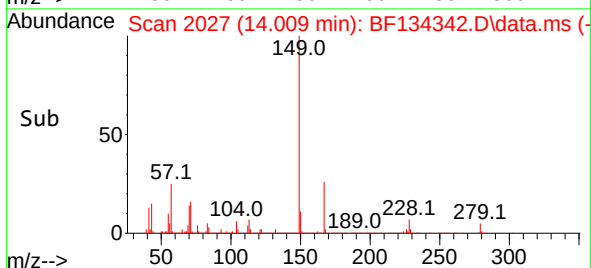
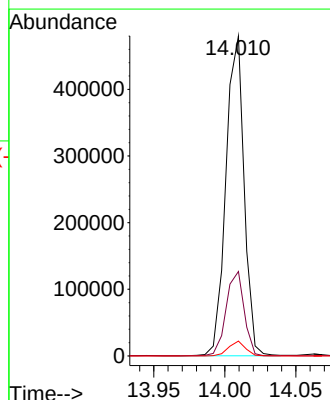
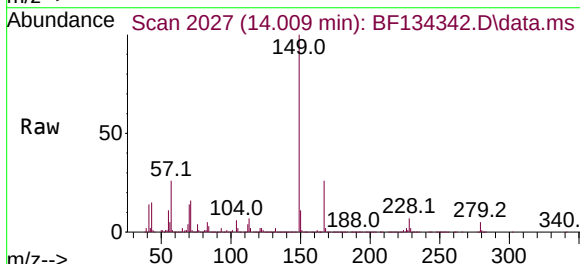
Delta R.T. -0.006 min

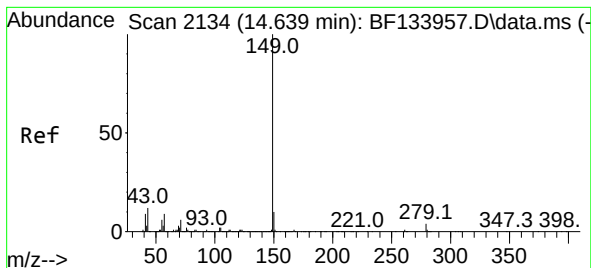
Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Tgt Ion:149 Resp: 426691

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	4.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 48.189 ng

RT: 14.627 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:149 Resp: 578914

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

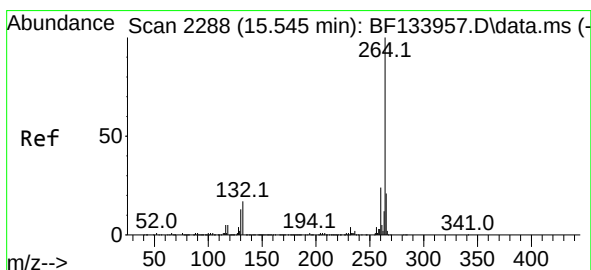
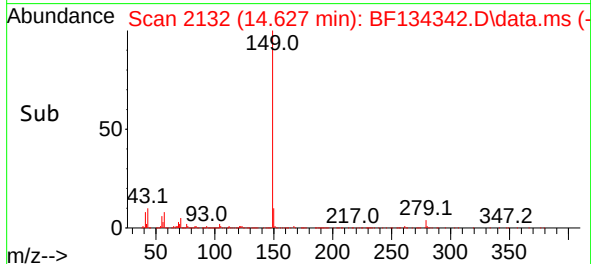
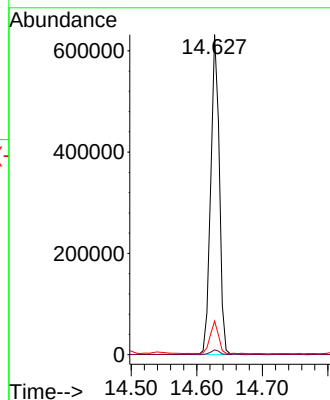
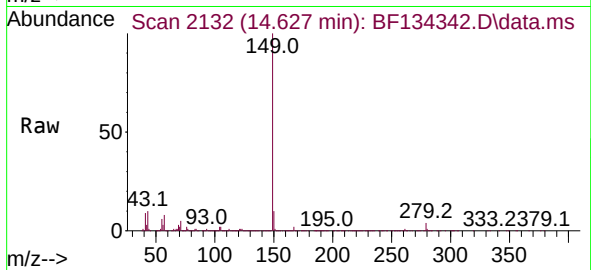
43 10.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

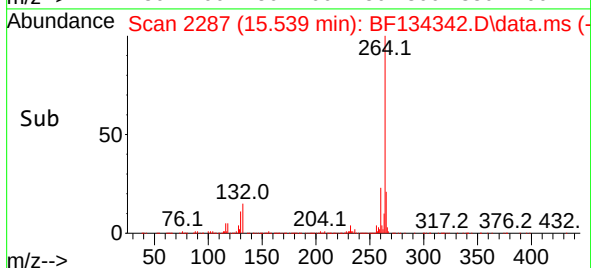
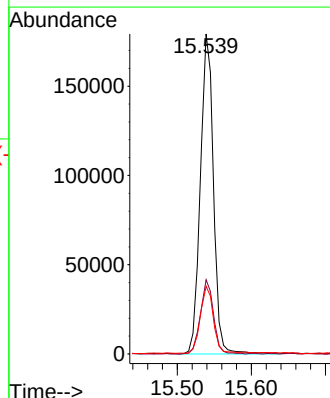
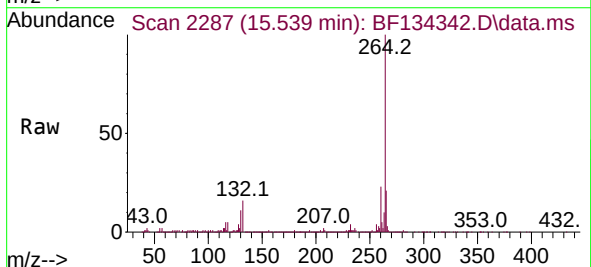
Tgt Ion:264 Resp: 219960

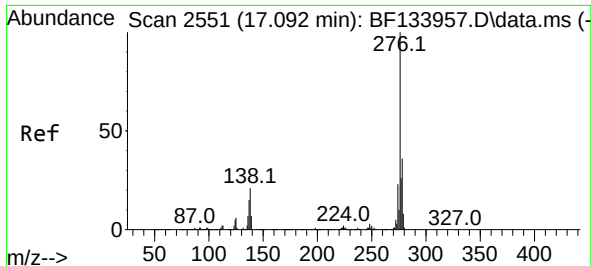
Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.2 16.6 25.0





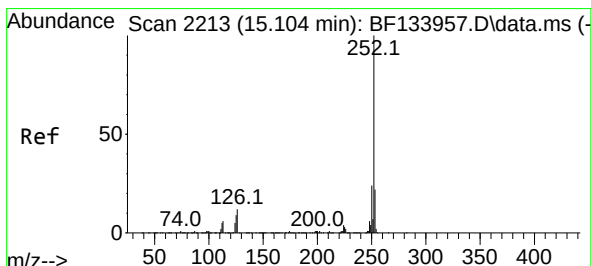
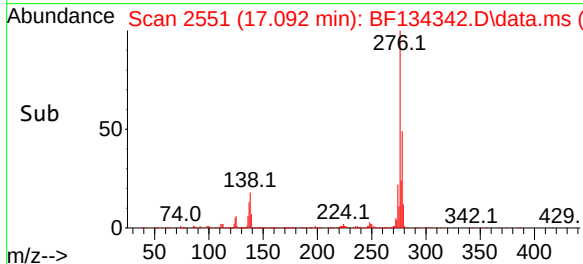
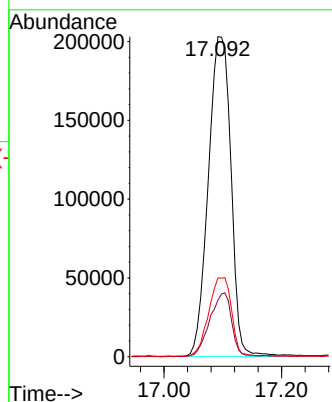
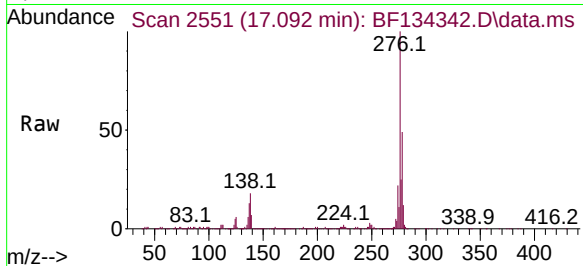
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.562 ng
RT: 17.092 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:276 Resp: 54278
Ion Ratio Lower Upper
276 100
138 19.3 18.7 28.1
277 24.8 19.9 29.9

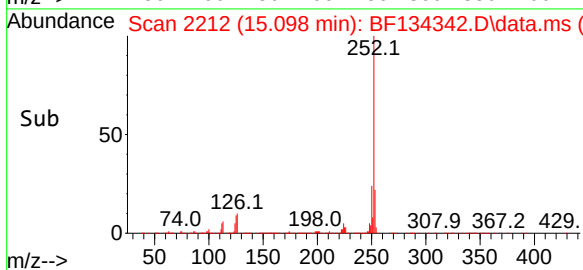
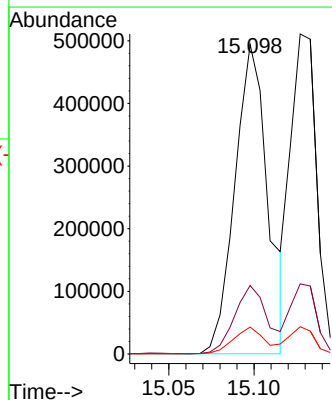
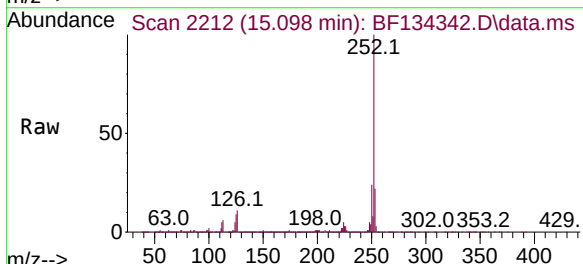
Manual Integrations
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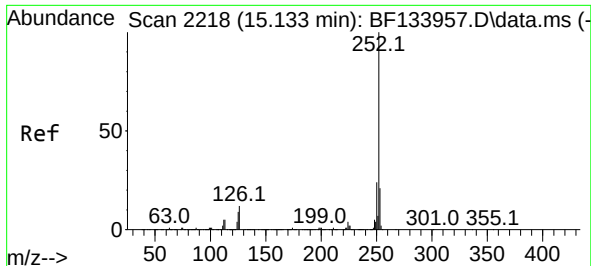
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#88
Benzo(b)fluoranthene
Concen: 51.384 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:252 Resp: 664594
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.256 ng

RT: 15.127 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Instrument :

BNA_F

ClientSampleId :

RB-51-(2-5)MSD

Tgt Ion:252 Resp: 54328

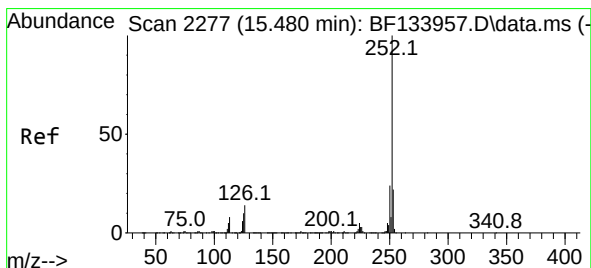
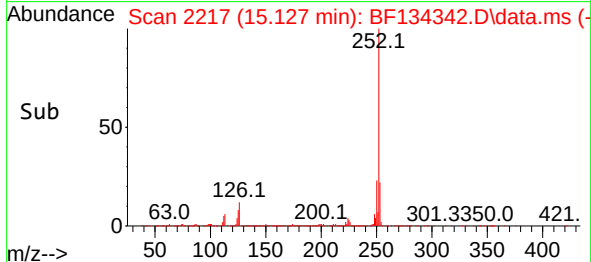
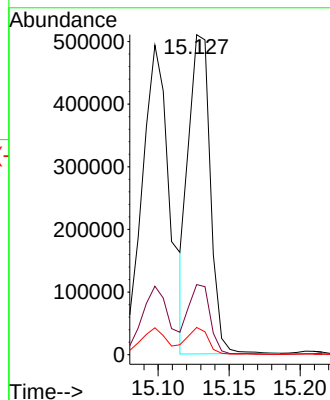
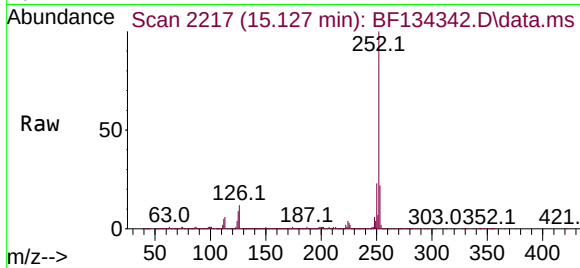
Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.9	25.3
125	8.5	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#90

Benzo(a)pyrene

Concen: 41.804 ng

RT: 15.480 min Scan# 2277

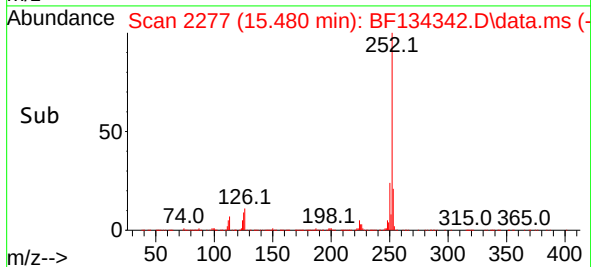
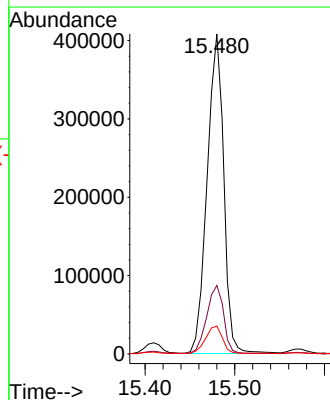
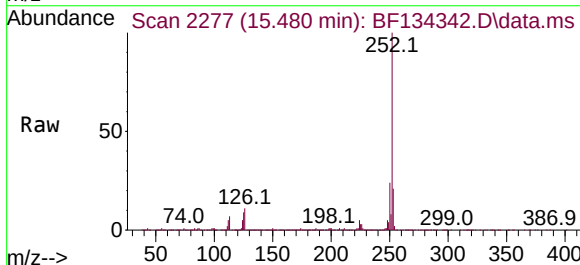
Delta R.T. -0.000 min

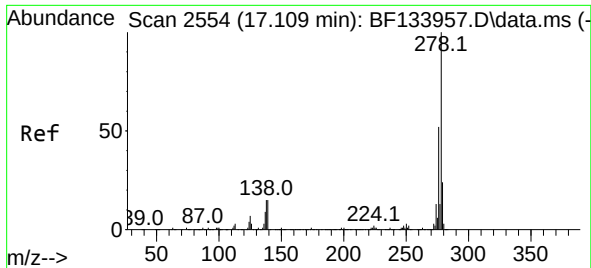
Lab File: BF134342.D

Acq: 18 Jul 2023 17:28

Tgt Ion:252 Resp: 522840

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	8.7	8.4	12.6





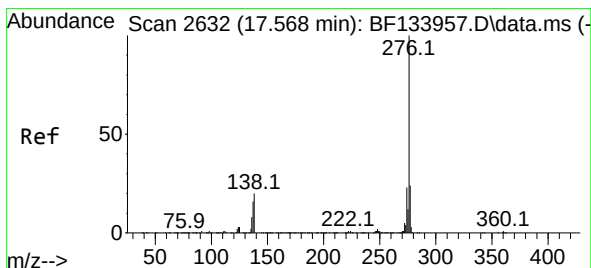
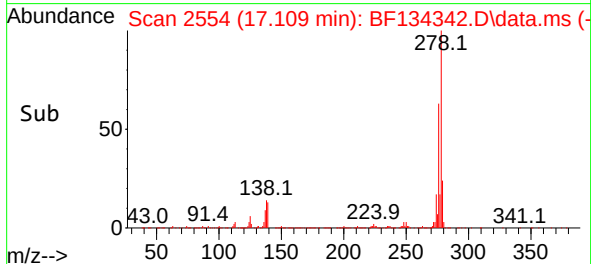
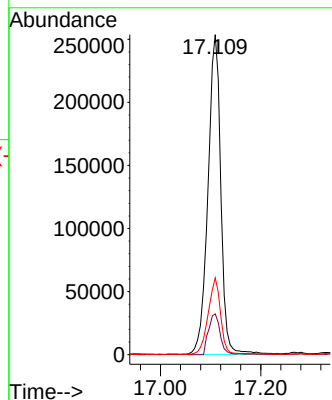
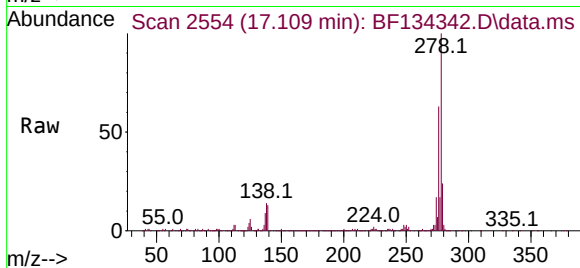
#91
Dibenzo(a,h)anthracene
Concen: 36.166 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

Tgt Ion:278 Resp: 450875
Ion Ratio Lower Upper
278 100
139 12.8 12.2 18.4
279 24.0 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#92
Benzo(g,h,i)perylene
Concen: 37.922 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.000 min
Lab File: BF134342.D
Acq: 18 Jul 2023 17:28

Tgt Ion:276 Resp: 487531
Ion Ratio Lower Upper
276 100
277 22.5 19.0 28.6
138 16.5 16.2 24.2

