

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134385.D
 Acq On : 20 Jul 2023 17:05
 Operator : CG\JU
 Sample : 03625-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200018MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 17:48:05 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	124961	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	489496	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	258202	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	509527	20.000	ng	0.00
76) Chrysene-d12	14.033	240	291030	20.000	ng	0.00
86) Perylene-d12	15.539	264	311423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	471769	63.153	ng	0.02
7) Phenol-d6	6.487	99	537746	58.533	ng	0.00
23) Nitrobenzene-d5	7.404	82	426239	46.939	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	251414	77.661	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	870959	49.042	ng	0.00
79) Terphenyl-d14	12.968	244	1042605	57.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	53349	17.320	ng	# 78
3) Pyridine	3.540	79	124391	15.504	ng	96
4) n-Nitrosodimethylamine	3.475	42	94976	20.726	ng	94
6) Aniline	6.504	93	97550	8.726	ng	# 26
8) 2-Chlorophenol	6.628	128	178522	23.542	ng	96
9) Benzaldehyde	6.398	77	60415	9.298	ng	98
10) Phenol	6.498	94	194932	20.180	ng	91
11) bis(2-Chloroethyl)ether	6.575	93	163619	23.008	ng	97
12) 1,3-Dichlorobenzene	6.781	146	167128	20.672	ng	95
13) 1,4-Dichlorobenzene	6.857	146	172670	21.145	ng	98
14) 1,2-Dichlorobenzene	7.004	146	170038	22.234	ng	99
15) Benzyl Alcohol	6.987	79	174596	24.652	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	232222	18.458	ng	65
17) 2-Methylphenol	7.098	107	151723	22.343	ng	# 93
18) Hexachloroethane	7.339	117	65774	21.723	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	142507	24.460	ng	97
20) 3+4-Methylphenols	7.251	107	191493	23.245	ng	96
22) Acetophenone	7.245	105	276751	24.860	ng	# 91
24) Nitrobenzene	7.422	77	204327	22.267	ng	94
25) Isophorone	7.657	82	378198	22.916	ng	96
26) 2-Nitrophenol	7.739	139	104542	23.749	ng	95
27) 2,4-Dimethylphenol	7.775	122	169457	24.319	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	218874	22.904	ng	98
29) 2,4-Dichlorophenol	7.981	162	165886	24.008	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	168170	23.588	ng	98
31) Naphthalene	8.139	128	526208	22.255	ng	99
32) Benzoic acid	7.892	122	31415m	6.017	ng	
33) 4-Chloroaniline	8.192	127	32642	3.227	ng	99
34) Hexachlorobutadiene	8.251	225	106055	23.581	ng	98
35) Caprolactam	8.569	113	47548m	20.900	ng	
36) 4-Chloro-3-methylphenol	8.686	107	194846	25.102	ng	92
37) 2-Methylnaphthalene	8.833	142	373693	22.350	ng	100
38) 1-Methylnaphthalene	8.928	142	353271	22.727	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	184060	24.061	ng	99
41) Hexachlorocyclopentadiene	8.981	237	125894	34.690	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	124910	23.987	ng	98

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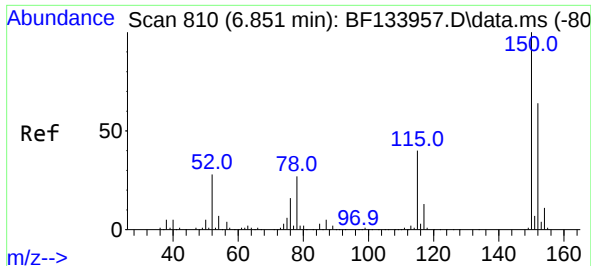
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	131707	21.502	ng	96
46) 1,1'-Biphenyl	9.298	154	487573	23.541	ng	97
47) 2-Chloronaphthalene	9.322	162	364672	24.064	ng	97
48) 2-Nitroaniline	9.428	65	128321	23.234	ng	97
49) Acenaphthylene	9.739	152	591994	22.868	ng	99
50) Dimethylphthalate	9.604	163	483694	25.807	ng	99
51) 2,6-Dinitrotoluene	9.669	165	100493	24.894	ng	87
52) Acenaphthene	9.910	154	360542	24.002	ng	99
53) 3-Nitroaniline	9.839	138	53493	11.045	ng	98
54) 2,4-Dinitrophenol	9.957	184	26764	14.789	ng	95
55) Dibenzofuran	10.086	168	554098	23.603	ng	98
56) 4-Nitrophenol	10.016	139	119605	35.307	ng	90
57) 2,4-Dinitrotoluene	10.080	165	134489	25.226	ng	# 86
58) Fluorene	10.427	166	451996	24.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	112240	23.230	ng	100
60) Diethylphthalate	10.304	149	500704	25.641	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	226792	25.767	ng	96
62) 4-Nitroaniline	10.463	138	92900	19.034	ng	91
63) Azobenzene	10.580	77	437118	23.665	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	33943	12.219	ng	90
66) n-Nitrosodiphenylamine	10.545	169	400204	24.583	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	141656	26.157	ng	92
68) Hexachlorobenzene	10.980	284	167133	29.066	ng	94
69) Atrazine	11.075	200	139073	30.884	ng	99
70) Pentachlorophenol	11.180	266	121109	35.225	ng	98
71) Phenanthrene	11.398	178	633159	24.684	ng	99
72) Anthracene	11.451	178	654727	24.541	ng	100
73) Carbazole	11.610	167	596409	24.423	ng	98
74) Di-n-butylphthalate	11.933	149	813450	28.012	ng	99
75) Fluoranthene	12.592	202	663228	23.917	ng	98
77) Benzidine	12.716	184	159601	23.048	ng	99
78) Pyrene	12.827	202	654607	24.169	ng	99
80) Butylbenzylphthalate	13.445	149	300614	29.594	ng	96
81) Benzo(a)anthracene	14.021	228	485799	24.069	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	85145	13.315	ng	97
83) Chrysene	14.063	228	444632	22.744	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	403272	34.550	ng	100
85) Di-n-octyl phthalate	14.627	149	596024	34.753	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	544026	25.175	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	459096	25.071	ng	# 98
89) Benzo(k)fluoranthene	15.127	252	436832	23.430	ng	# 98
90) Benzo(a)pyrene	15.474	252	405442	22.897	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	461318	26.136	ng	# 95
92) Benzo(g,h,i)perylene	17.562	276	415523	22.829	ng	96

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



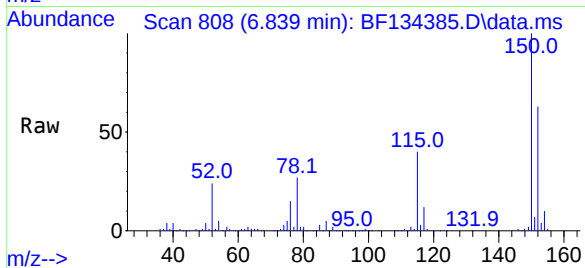
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD



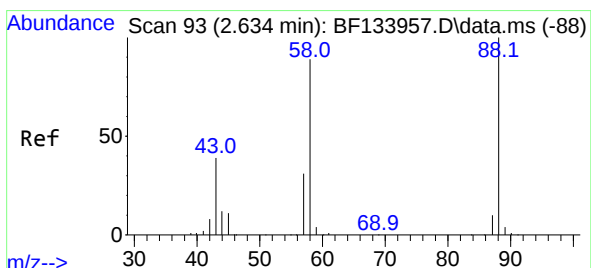
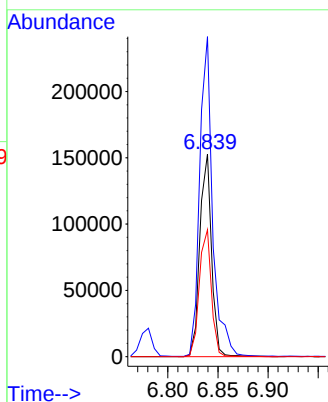
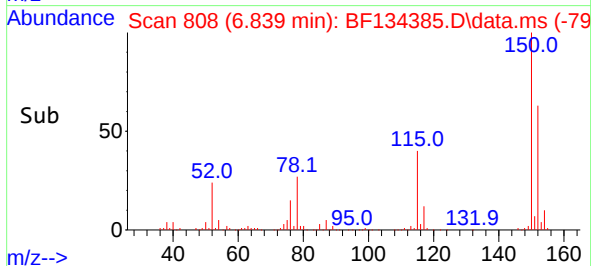
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Ion Ratio Lower Upper
152 100
150 158.0 124.5 186.7
115 62.7 50.2 75.2

Manual Integrations

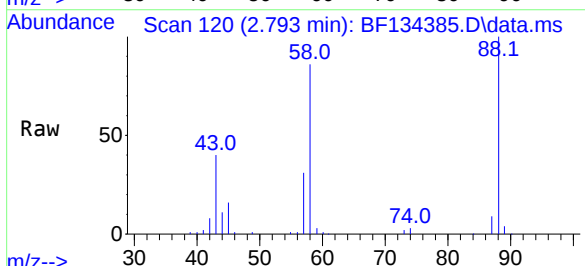
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Reviewed By :Yogesh Patel 07/21/2023

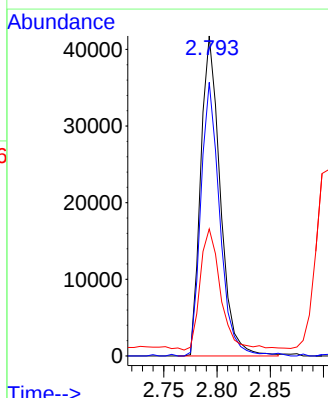
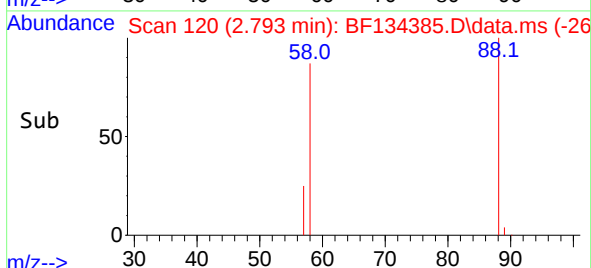
Supervised By :mohammad ahmed 07/21/2023

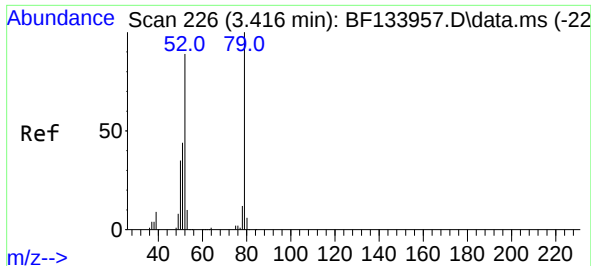


#2
1,4-Dioxane
Concen: 17.320 ng
RT: 2.793 min Scan# 120
Delta R.T. 0.200 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



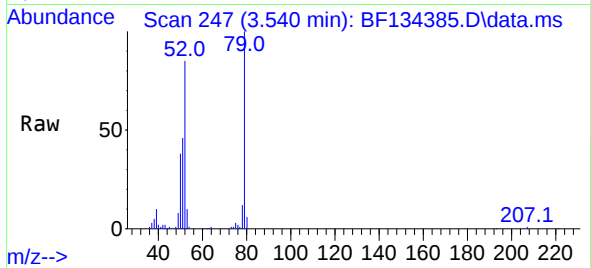
Tgt Ion: 88 Resp: 53349
Ion Ratio Lower Upper
88 100
58 83.1 68.8 103.2
43 0.0 30.7 46.1#





#3
Pyridine
Concen: 15.504 ng
RT: 3.540 min Scan# 24
Delta R.T. 0.159 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

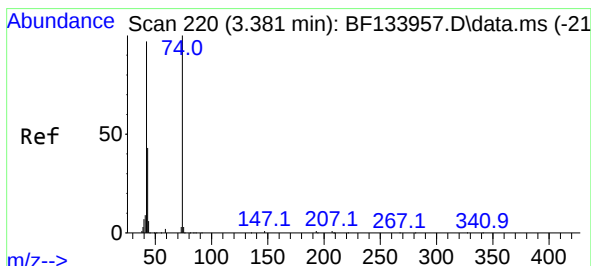
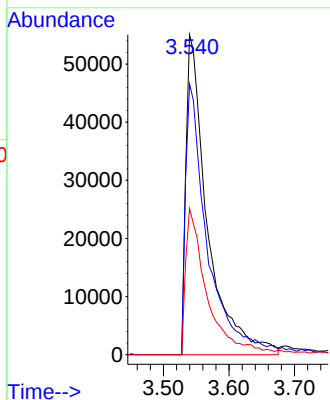
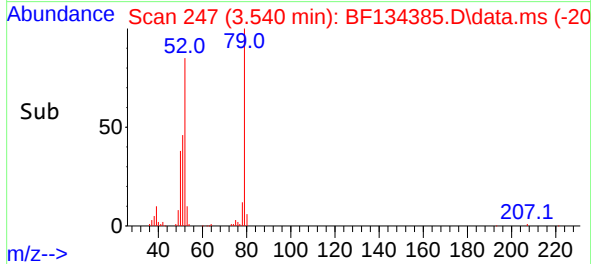
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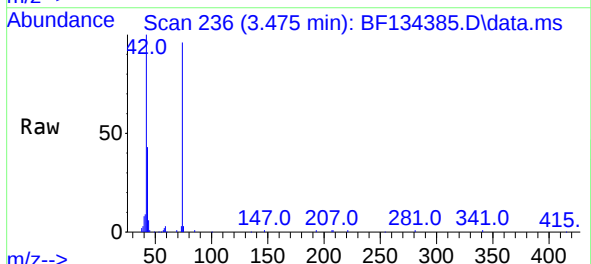
Tgt Ion: 79 Resp: 12439
Ion Ratio Lower Upper
79 100
52 84.6 71.1 106.7
51 45.7 35.2 52.8

Manual Integrations
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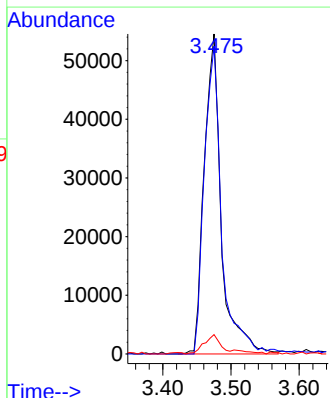
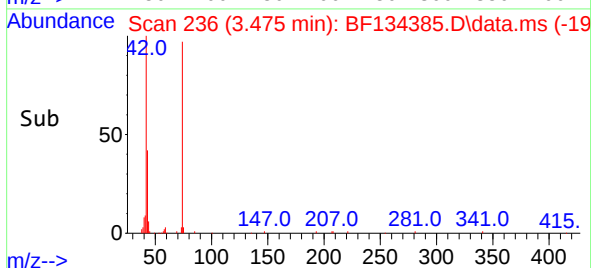
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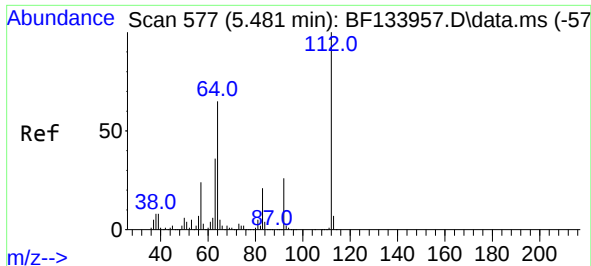


#4
n-Nitrosodimethylamine
Concen: 20.726 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.135 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



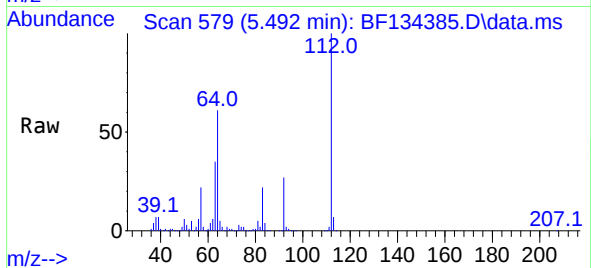
Tgt Ion: 42 Resp: 94976
Ion Ratio Lower Upper
42 100
74 96.2 82.4 123.6
44 6.0 4.9 7.3





#5
2-Fluorophenol
Concen: 63.153 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

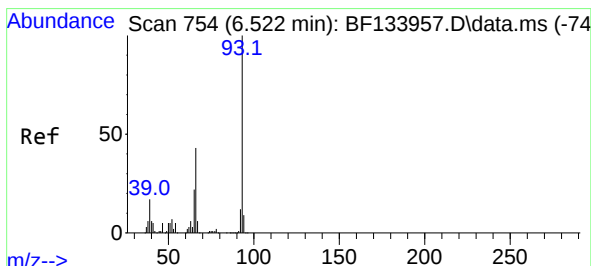
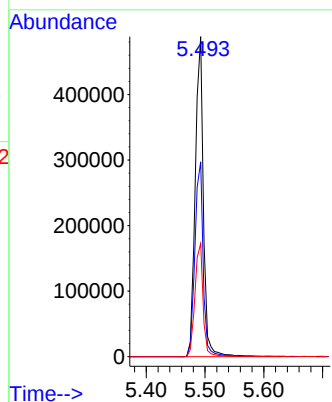
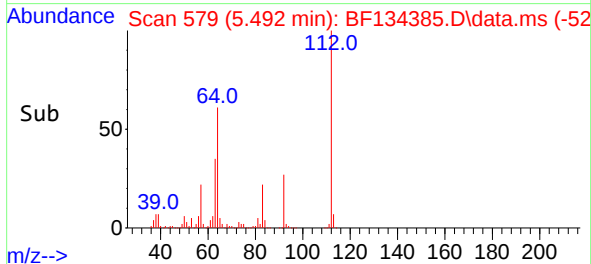
Instrument :
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RBR200018MSD



Tgt Ion: 112 Resp: 471769
Ion Ratio Lower Upper
112 100
64 60.9 52.1 78.1
63 35.4 28.6 42.8

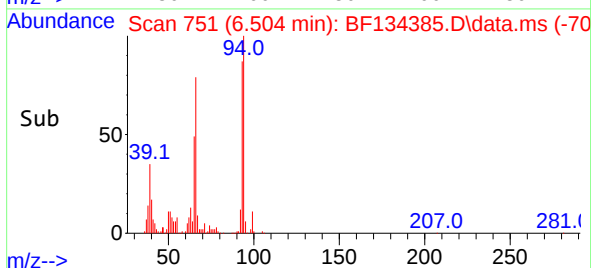
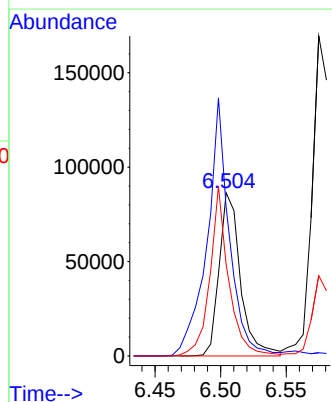
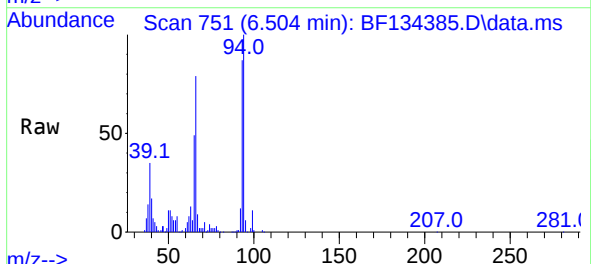
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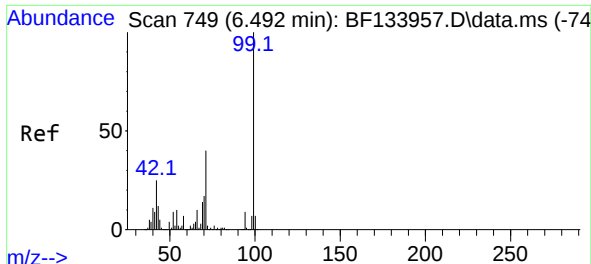
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#6
Aniline
Concen: 8.726 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

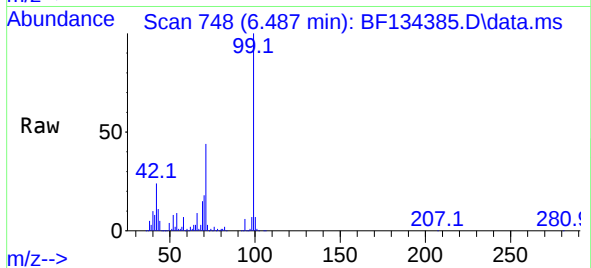
Tgt Ion: 93 Resp: 97550
Ion Ratio Lower Upper
93 100
66 91.1 34.5 51.7#
65 56.1 17.8 26.6#





#7
Phenol-d6
Concen: 58.533 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

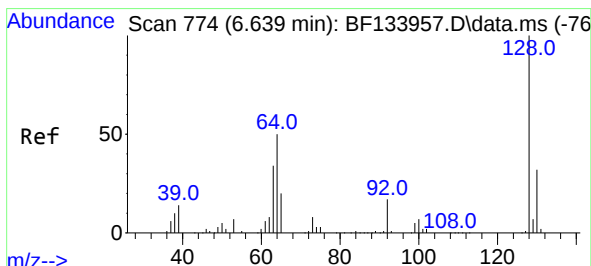
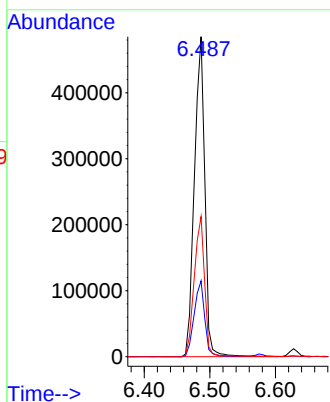
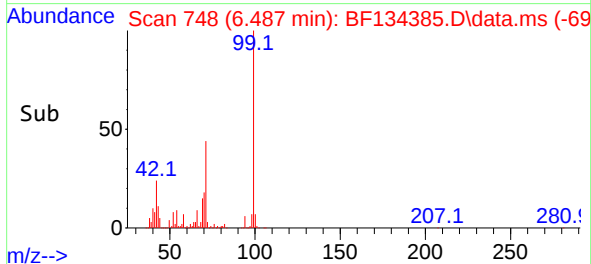
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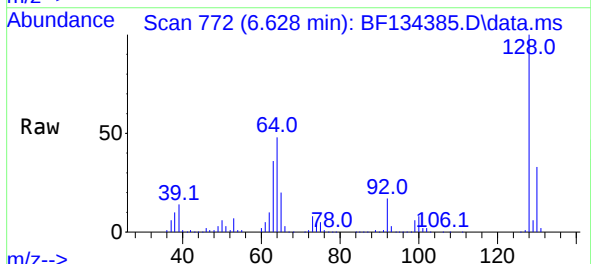
Tgt Ion: 99 Resp: 537740
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.6
71 43.8 31.9 47.9

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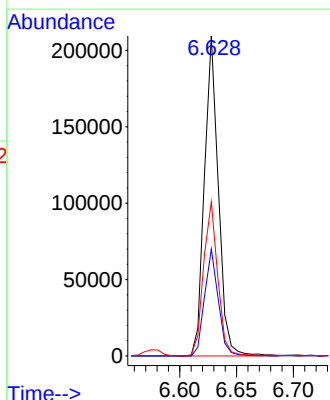
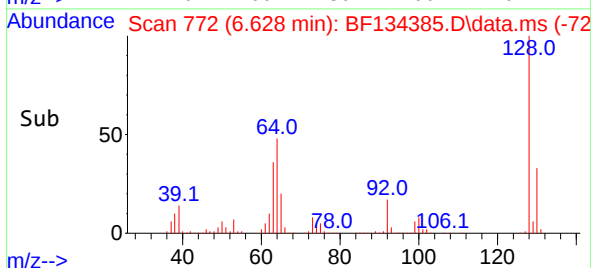
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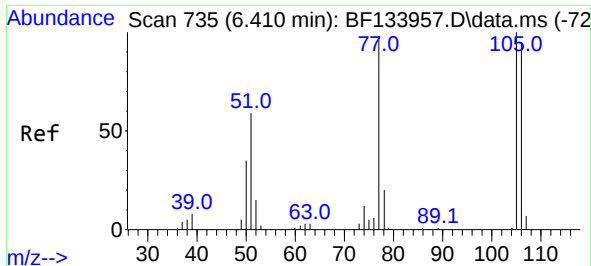


#8
2-Chlorophenol
Concen: 23.542 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



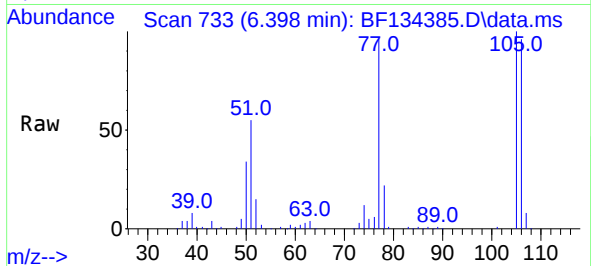
Tgt Ion:128 Resp: 178522
Ion Ratio Lower Upper
128 100
130 33.4 11.7 51.7
64 48.1 31.3 71.3





#9
Benzaldehyde
Concen: 9.298 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

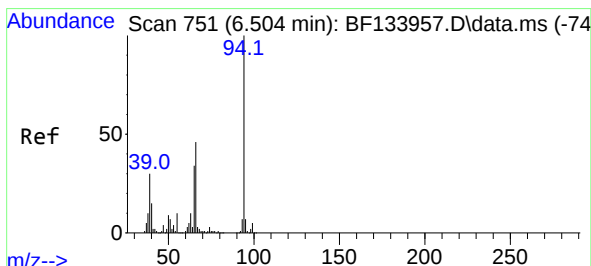
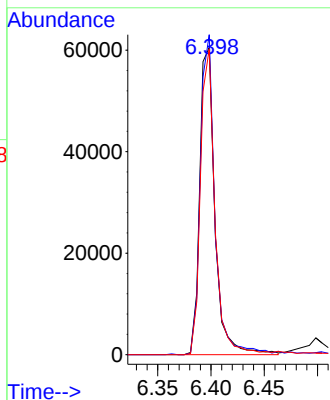
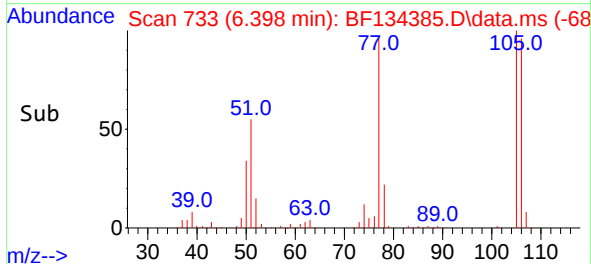
Instrument :
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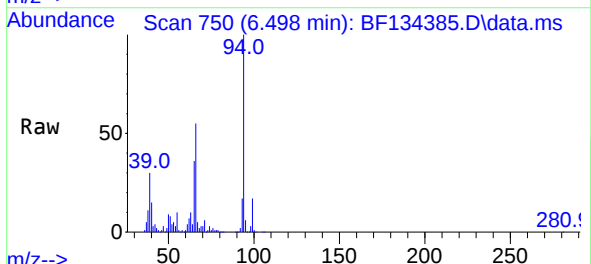
Tgt Ion: 77 Resp: 6041
Ion Ratio Lower Upper
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105 104.2 82.0 122.0
106 99.6 76.9 116.9

Manual Integrations
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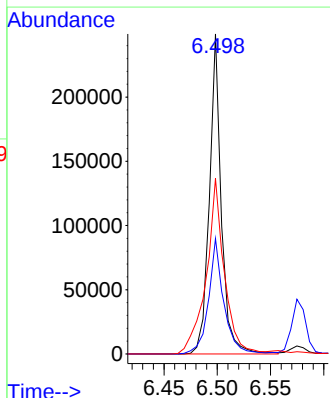
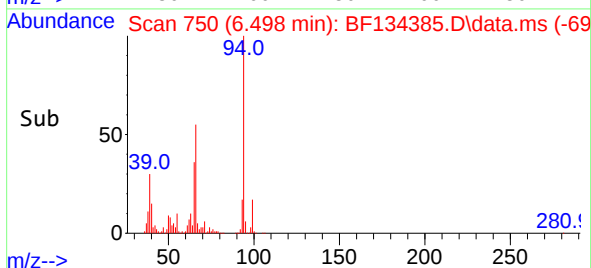
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

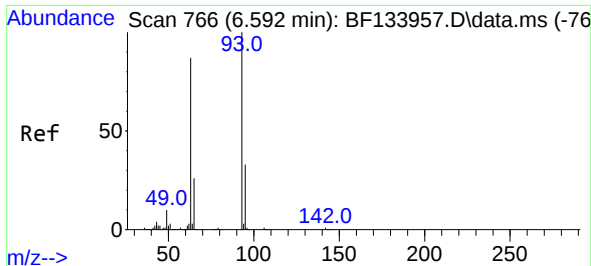


#10
Phenol
Concen: 20.180 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion: 94 Resp: 194932
Ion Ratio Lower Upper
94 100
65 36.1 14.2 54.2
66 54.9 26.4 66.4





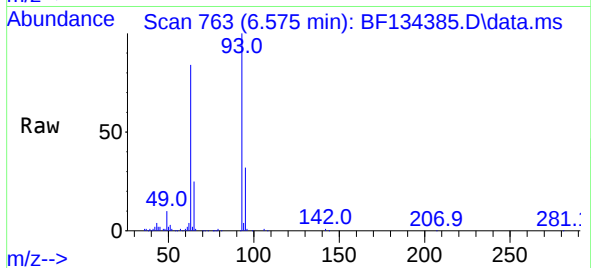
#11
bis(2-Chloroethyl)ether
Concen: 23.008 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

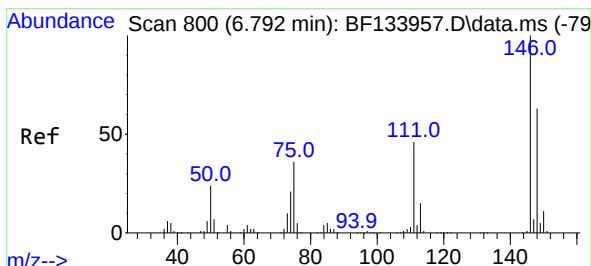
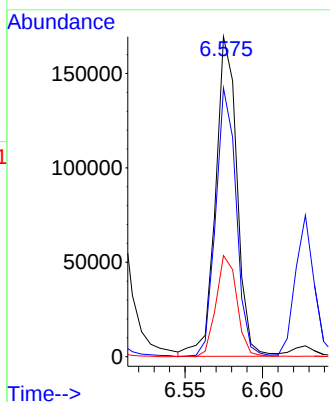
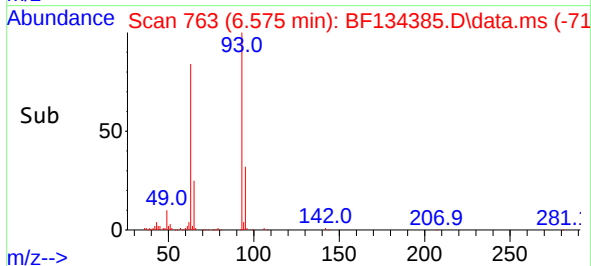


Tgt Ion: 93 Resp: 163619
Ion Ratio Lower Upper
93 100
63 84.0 66.5 106.5
95 31.6 12.9 52.9

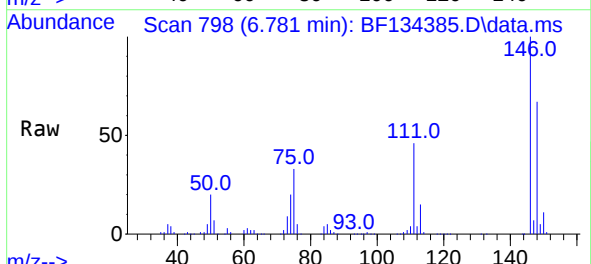
Manual Integrations

APPROVED

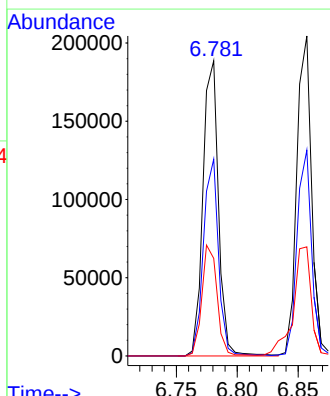
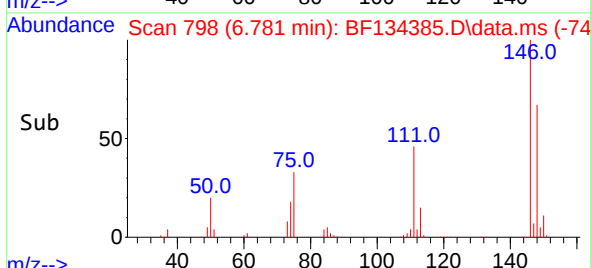
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

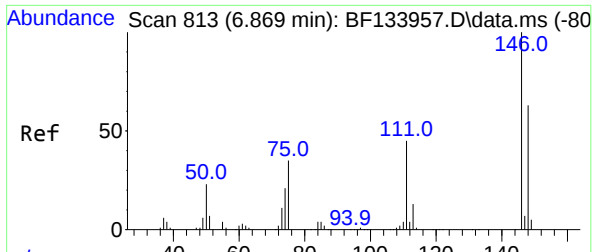


#12
1,3-Dichlorobenzene
Concen: 20.672 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:146 Resp: 167128
Ion Ratio Lower Upper
146 100
148 66.7 50.5 75.7
75 33.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 21.145 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

Tgt Ion:146 Resp: 172670

Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.2

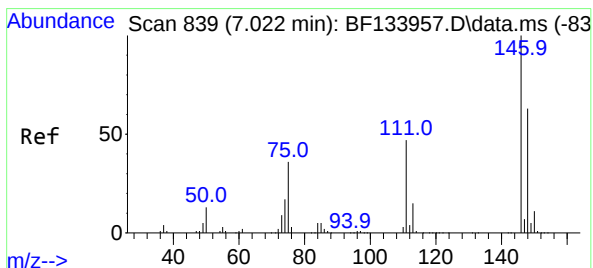
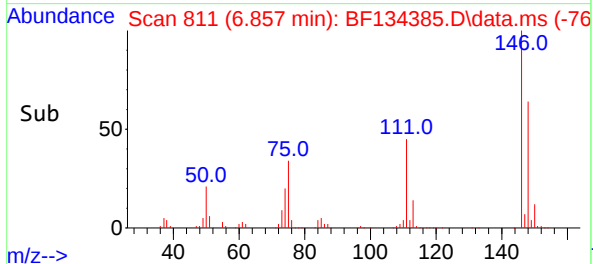
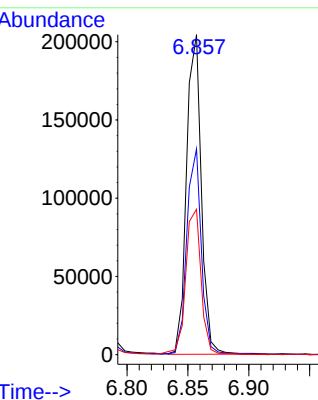
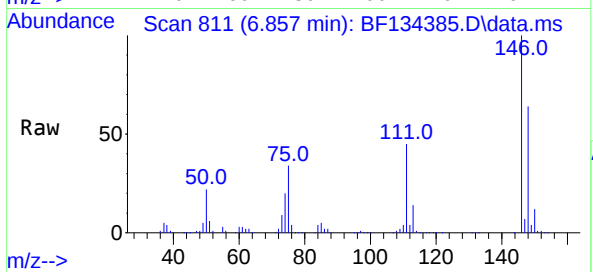
111 45.4 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#14

1,2-Dichlorobenzene

Concen: 22.234 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.012 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

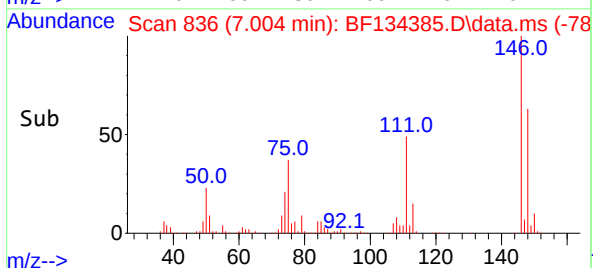
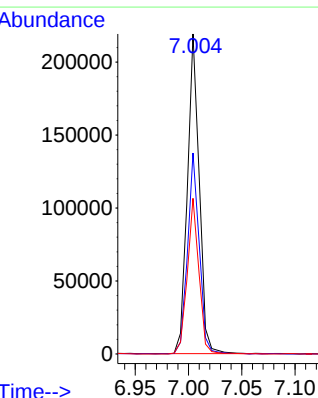
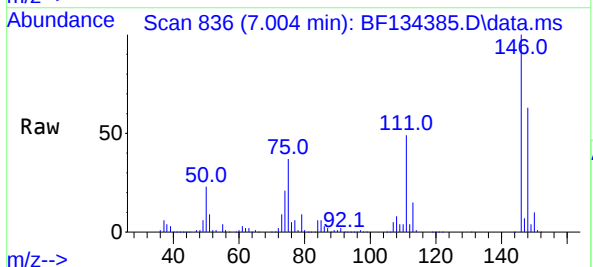
Tgt Ion:146 Resp: 170038

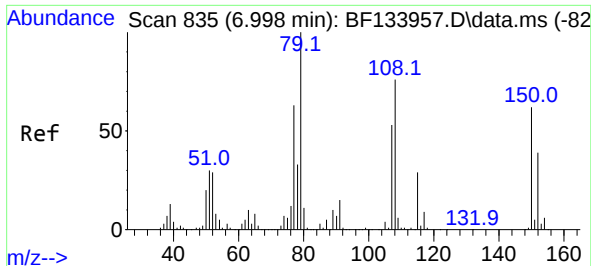
Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

111 48.7 38.0 57.0





#15
Benzyl Alcohol
Concen: 24.652 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

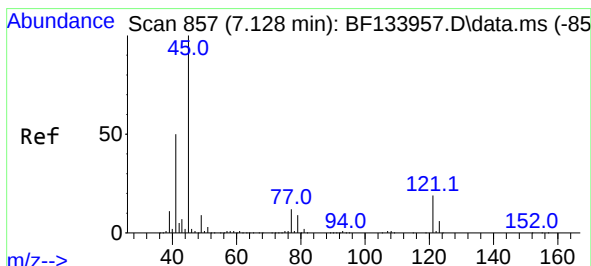
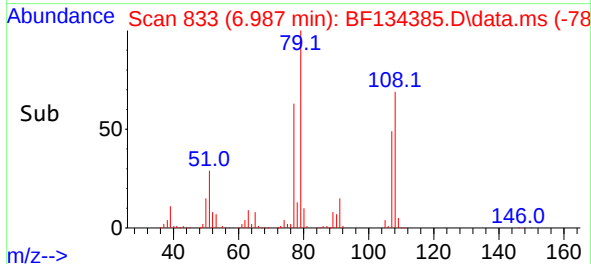
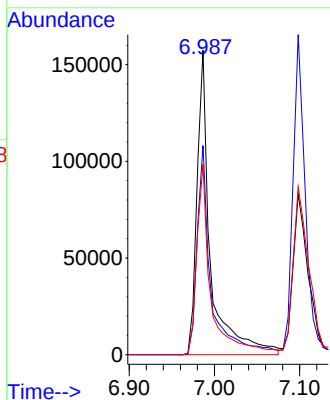
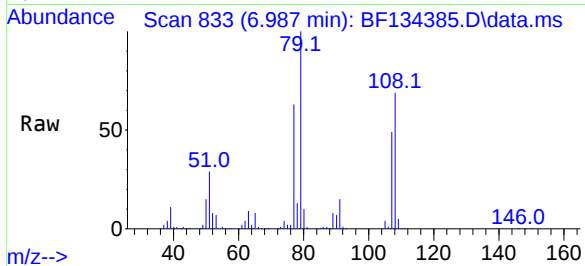
RBR200018MSD

Tgt Ion: 79 Resp: 174590
Ion Ratio Lower Upper
79 100
108 68.7 60.7 91.1
77 62.6 50.6 75.8

Manual Integrations

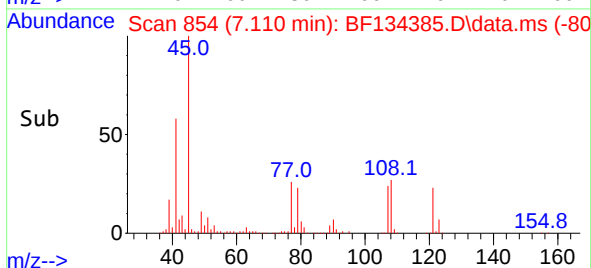
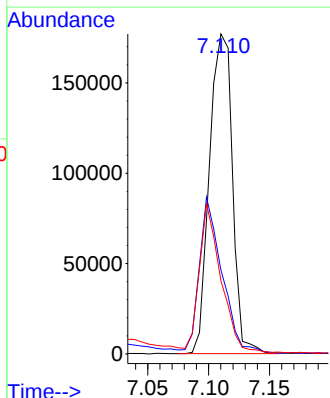
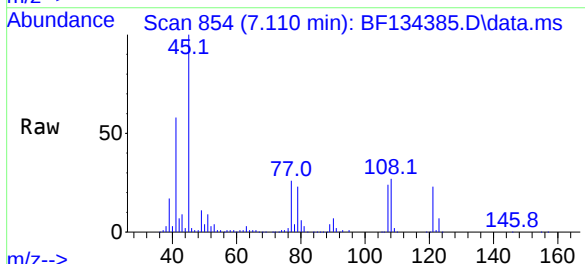
APPROVED

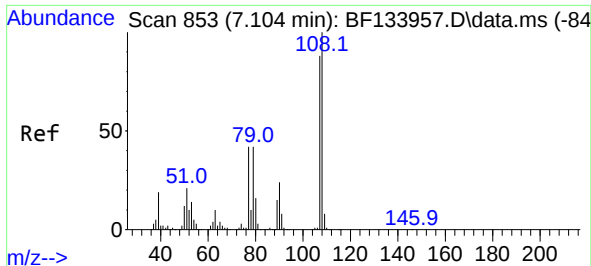
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.458 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion: 45 Resp: 232222
Ion Ratio Lower Upper
45 100
77 26.2 0.0 32.9
79 22.9 0.0 29.5





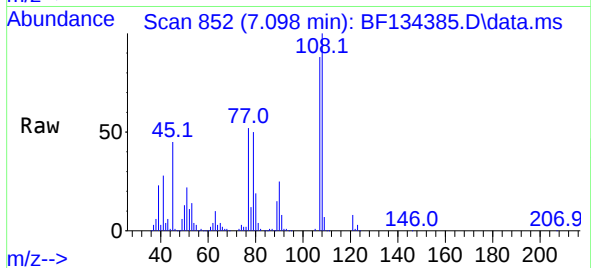
#17
2-Methylphenol
Concen: 22.343 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

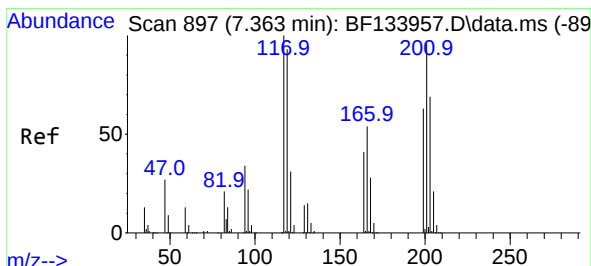
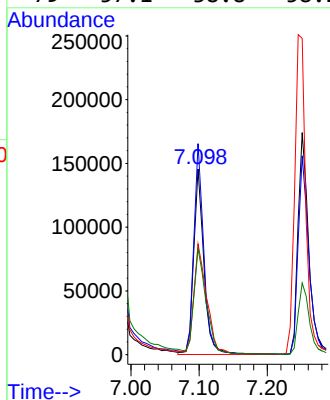
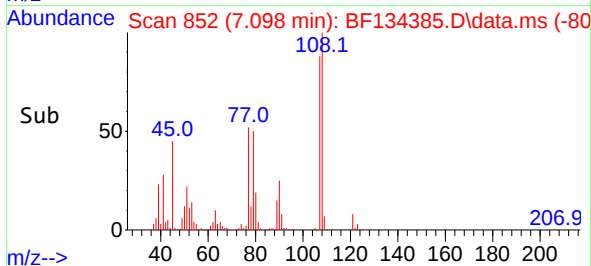


Tgt Ion:107 Resp: 15172
Ion Ratio Lower Upper
107 100
108 113.7 90.6 136.0
77 59.6 38.3 57.5
79 57.1 38.8 58.2

Manual Integrations

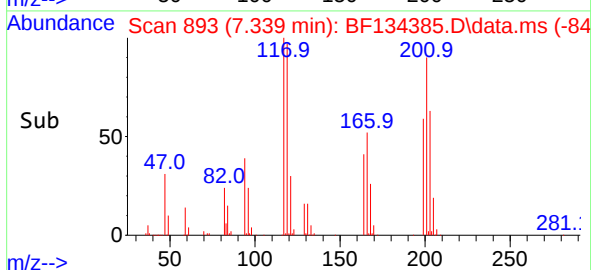
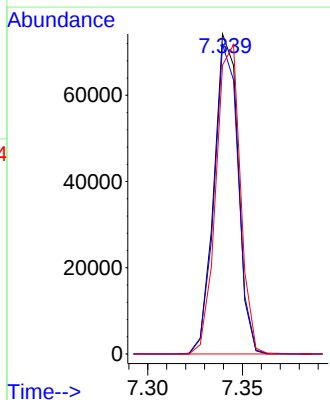
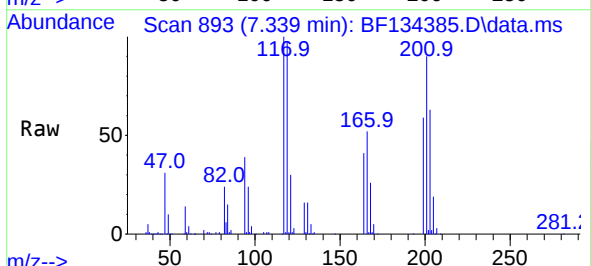
APPROVED

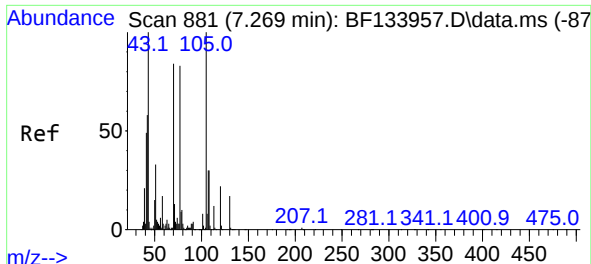
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#18
Hexachloroethane
Concen: 21.723 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:117 Resp: 65774
Ion Ratio Lower Upper
117 100
119 96.7 74.2 111.4
201 90.2 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 24.460 ng

RT: 7.251 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF134385.D

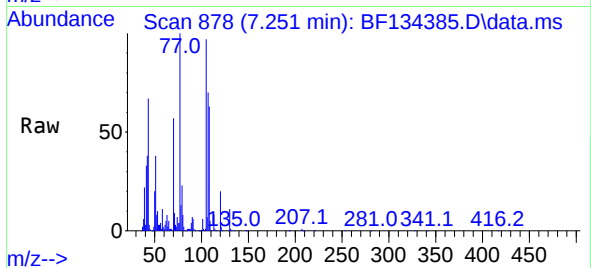
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD



Tgt Ion: 70 Resp: 14250

Ion Ratio Lower Upper

70 100

42 65.9 54.7 82.1

101 10.5 7.7 11.5

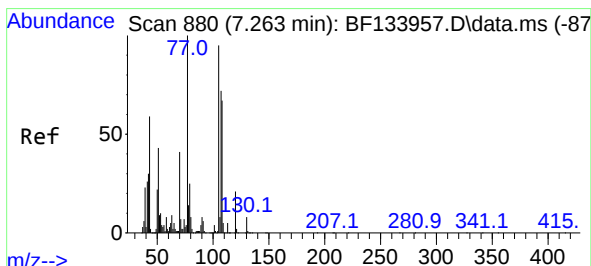
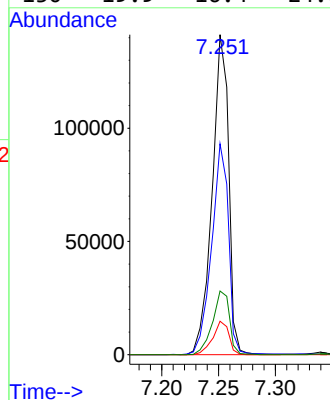
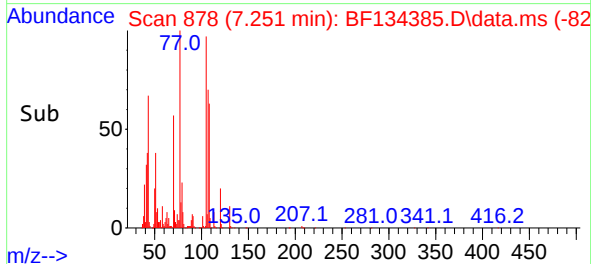
130 19.9 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#20

3+4-Methylphenols

Concen: 23.245 ng

RT: 7.251 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

Tgt Ion:107 Resp: 191493

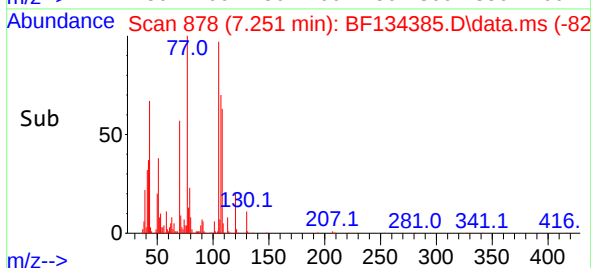
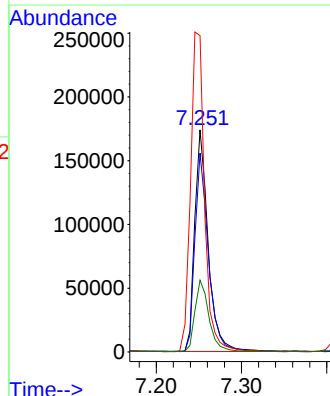
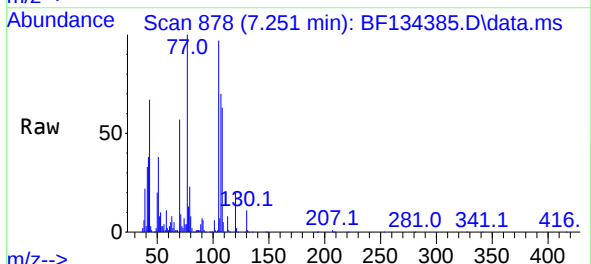
Ion Ratio Lower Upper

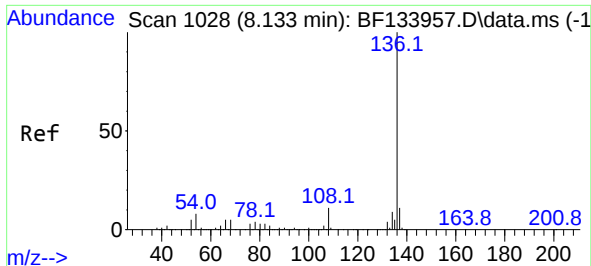
107 100

108 89.5 73.2 113.2

77 142.4 118.3 158.3

79 32.3 14.7 54.7





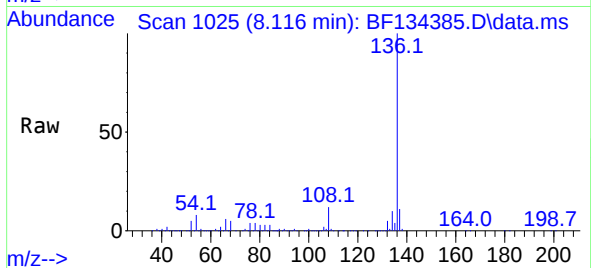
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

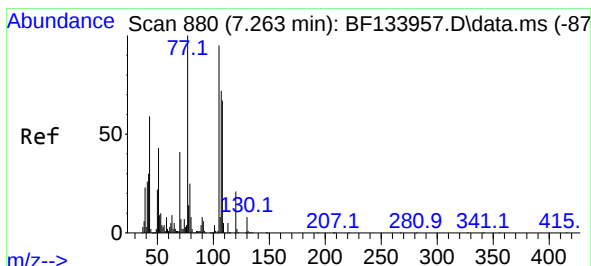
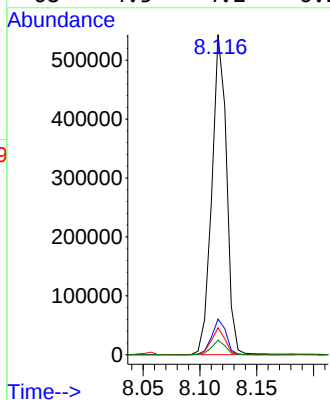
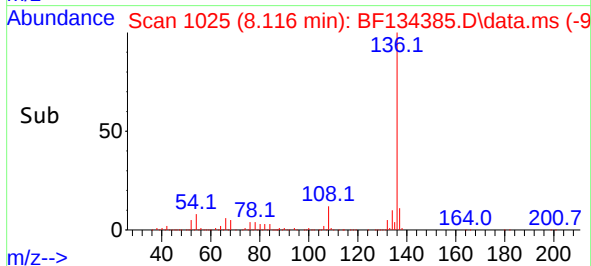


Tgt Ion:136 Resp: 489490
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.4 6.5 9.7
68 4.5 4.2 6.2

Manual Integrations

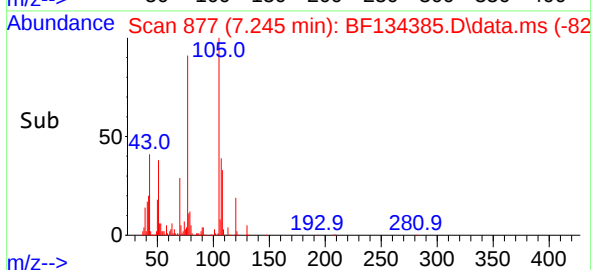
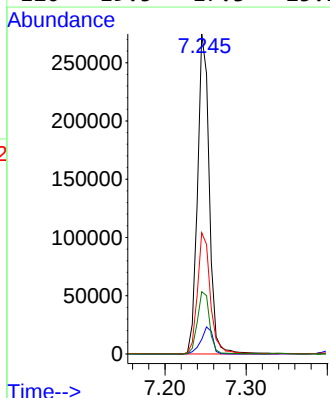
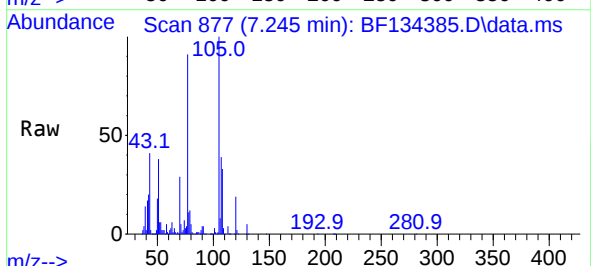
APPROVED

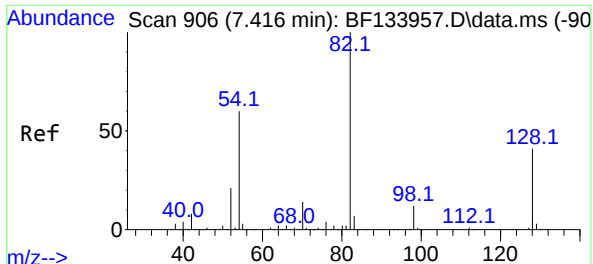
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Acetophenone
Concen: 24.860 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:105 Resp: 276751
Ion Ratio Lower Upper
105 100
71 4.5 5.5 8.3#
51 37.9 36.5 54.7
120 19.5 17.3 25.9





#23
Nitrobenzene-d5
Concen: 46.939 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

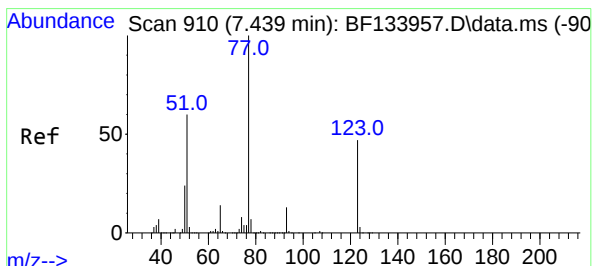
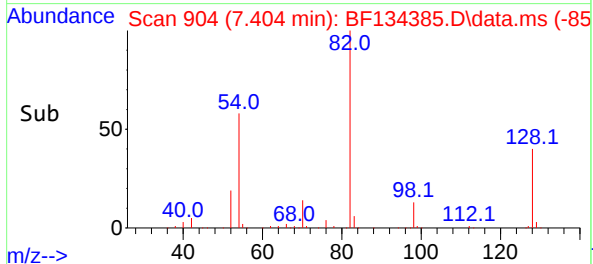
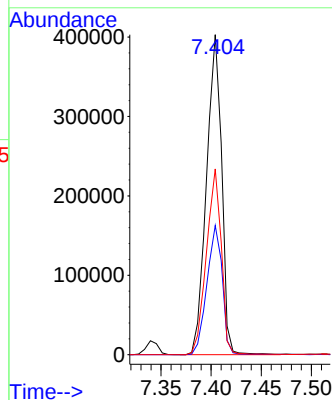
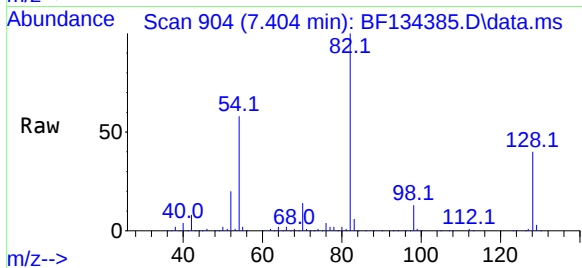
RBR200018MSD

Tgt Ion: 82 Resp: 426239
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 58.0 48.2 72.2

Manual Integrations

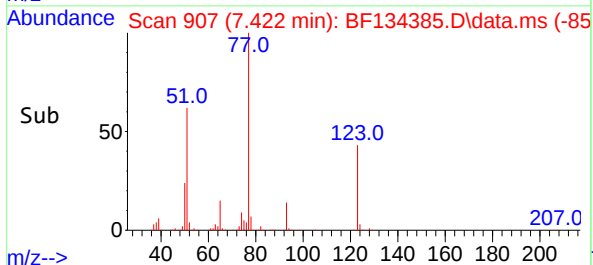
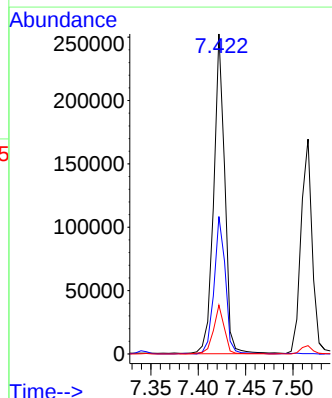
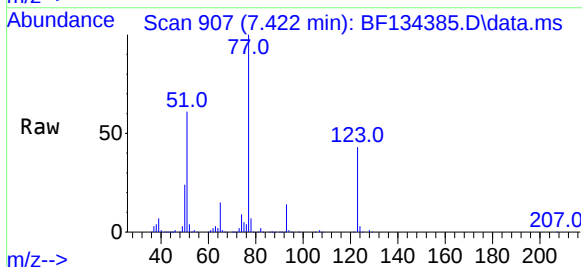
APPROVED

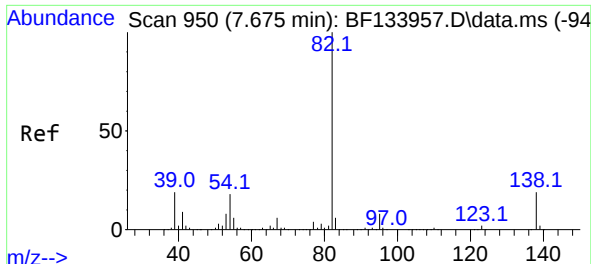
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#24
Nitrobenzene
Concen: 22.267 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

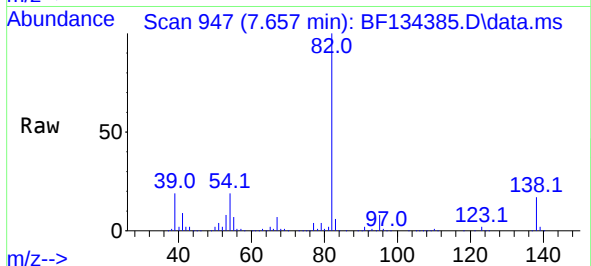
Tgt Ion: 77 Resp: 204327
Ion Ratio Lower Upper
77 100
123 42.9 37.8 56.6
65 15.2 11.3 16.9





#25
Isophorone
Concen: 22.916 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

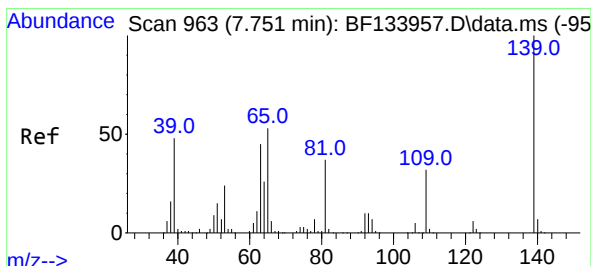
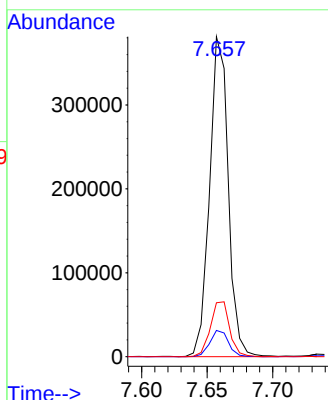
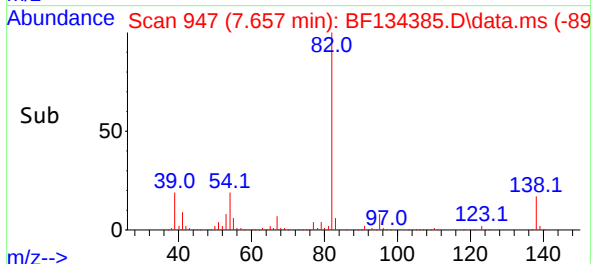
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



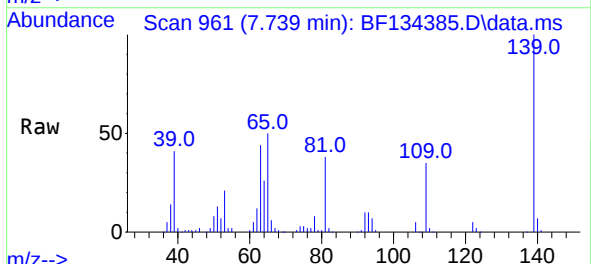
Tgt Ion: 82 Resp: 378198
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 16.8 15.2 22.8

Manual Integrations
APPROVED

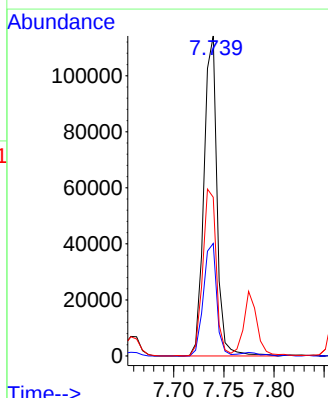
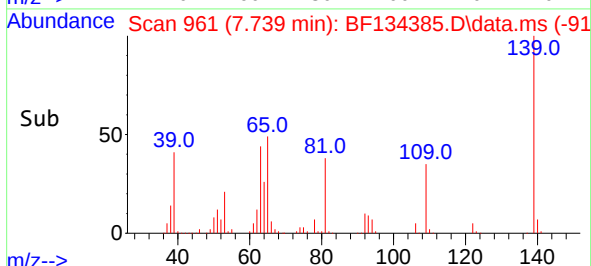
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

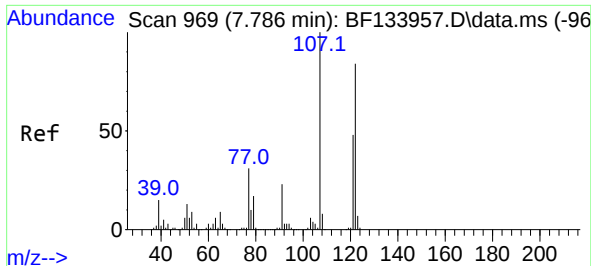


#26
2-Nitrophenol
Concen: 23.749 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:139 Resp: 104542
Ion Ratio Lower Upper
139 100
109 35.2 25.8 38.8
65 49.6 42.4 63.6





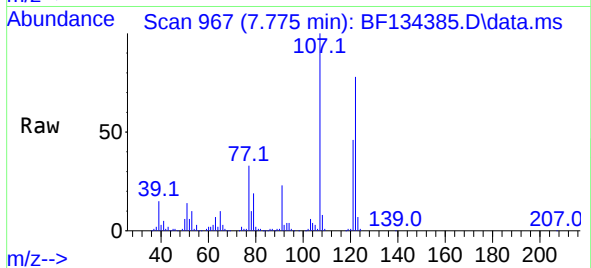
#27
2,4-Dimethylphenol
Concen: 24.319 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD



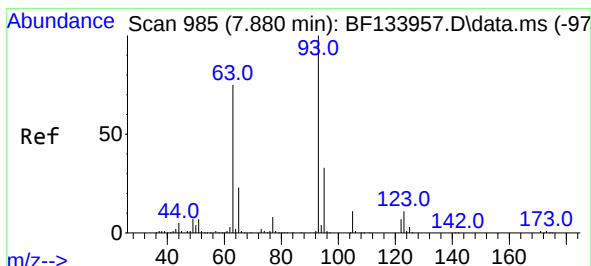
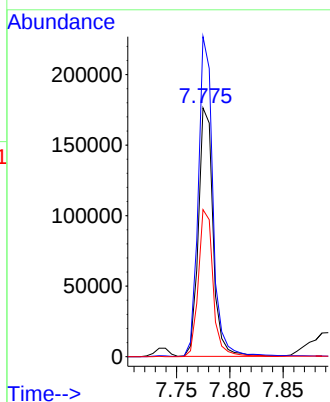
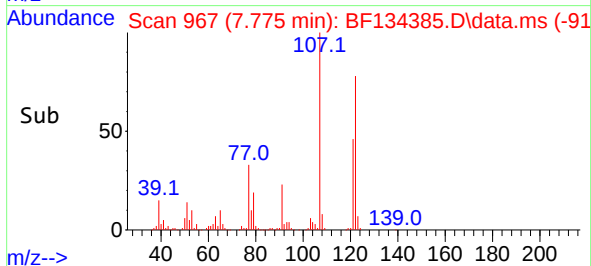
Tgt Ion:122 Resp: 16945
Ion Ratio Lower Upper
122 100
107 128.6 95.5 143.3
121 59.1 45.5 68.3

Manual Integrations

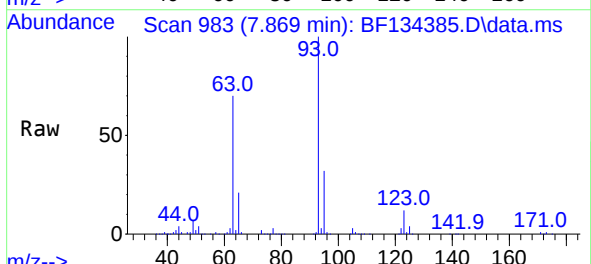
APPROVED

Reviewed By :Yogesh Patel 07/21/2023

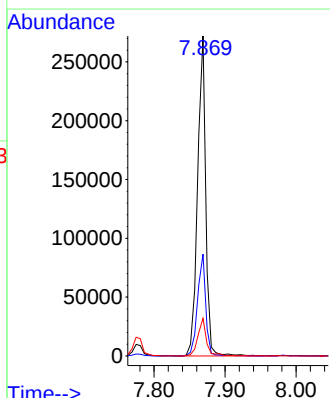
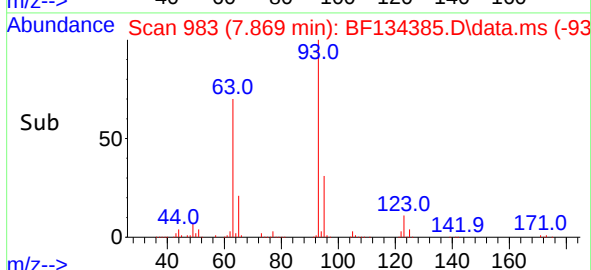
Supervised By :mohammad ahmed 07/21/2023

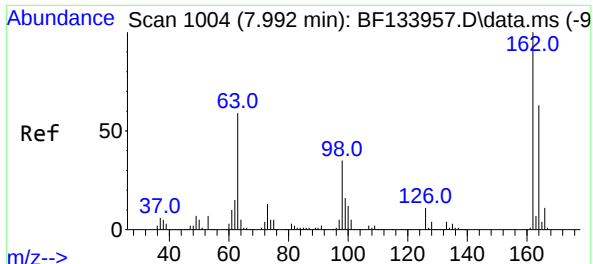


#28
bis(2-Chloroethoxy)methane
Concen: 22.904 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion: 93 Resp: 218874
Ion Ratio Lower Upper
93 100
95 31.8 26.5 39.7
123 11.8 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 24.008 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

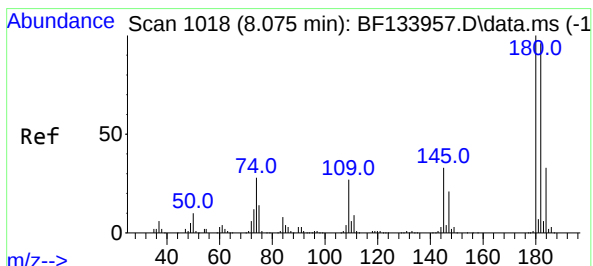
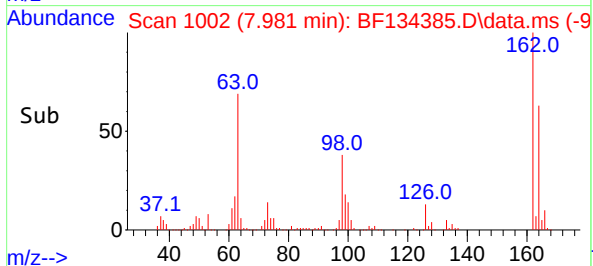
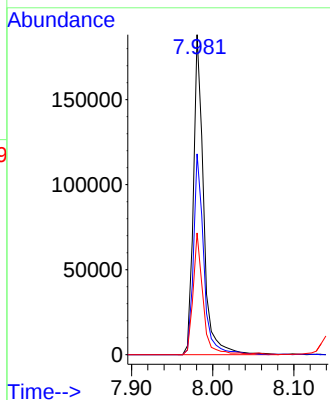
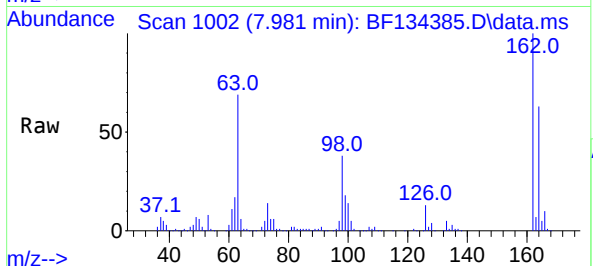
RBR200018MSD

Tgt Ion:162 Resp: 165880
Ion Ratio Lower Upper
162 100
164 62.8 43.2 83.2
98 38.0 14.9 54.9

Manual Integrations

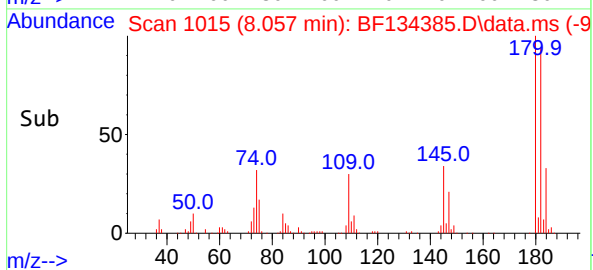
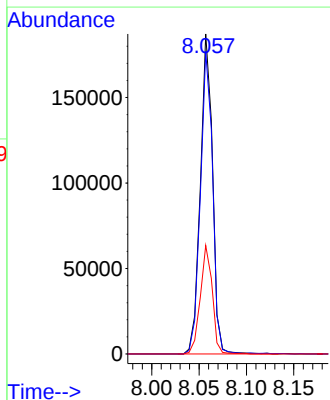
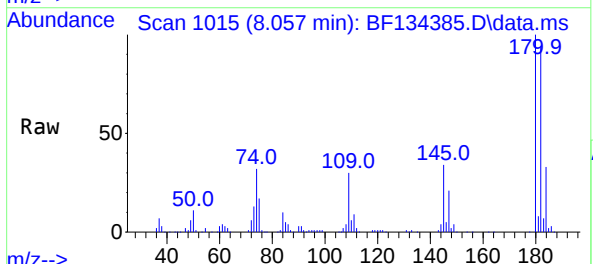
APPROVED

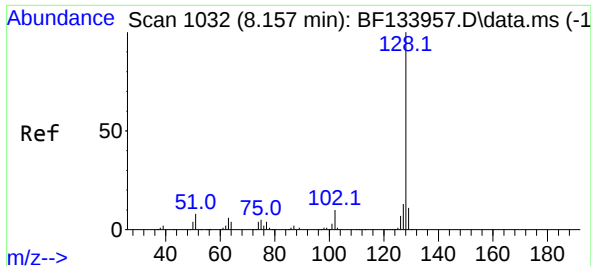
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#30
1,2,4-Trichlorobenzene
Concen: 23.588 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:180 Resp: 168170
Ion Ratio Lower Upper
180 100
182 94.5 77.1 115.7
145 33.9 26.0 39.0





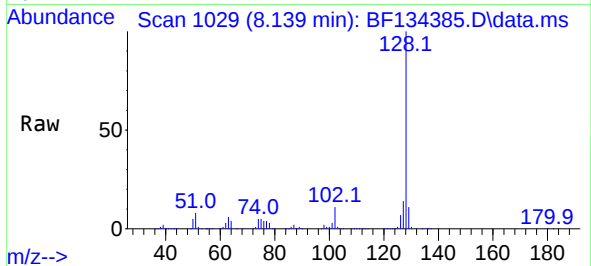
#31
Naphthalene
Concen: 22.255 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD



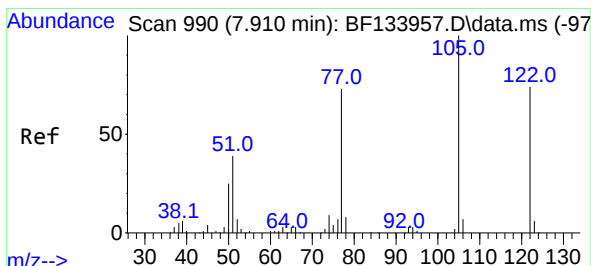
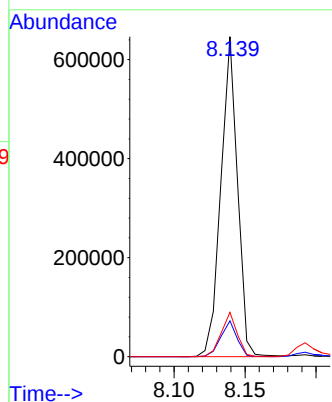
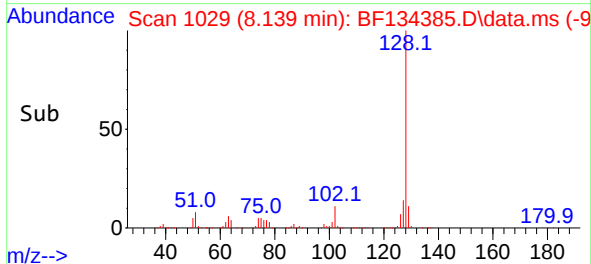
Tgt Ion:128 Resp: 526208
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.9 10.6 15.8

Manual Integrations

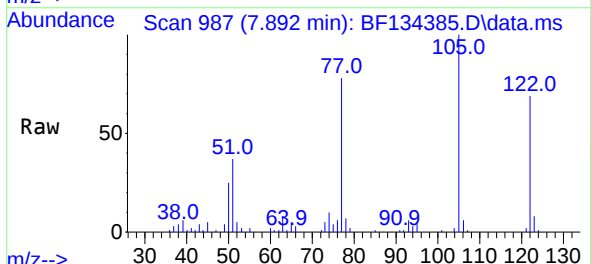
APPROVED

Reviewed By :Yogesh Patel 07/21/2023

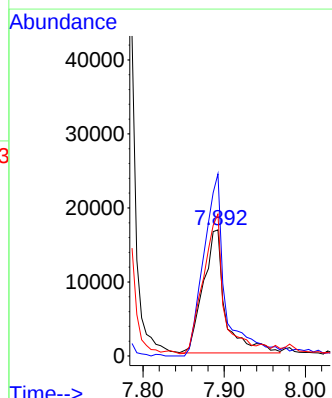
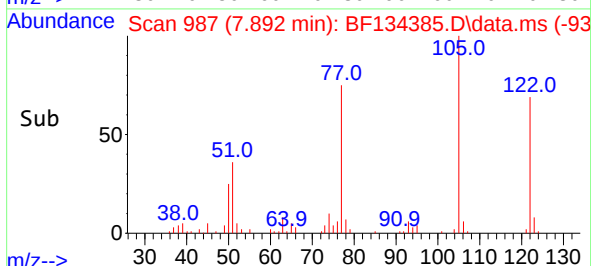
Supervised By :mohammad ahmed 07/21/2023

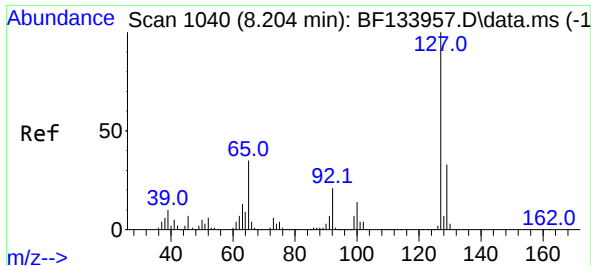


#32
Benzoic acid
Concen: 6.017 ng m
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:122 Resp: 31415
Ion Ratio Lower Upper
122 100
105 144.4 109.7 149.7
77 112.5 76.0 116.0





#33
4-Chloroaniline
Concen: 3.227 ng
RT: 8.192 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

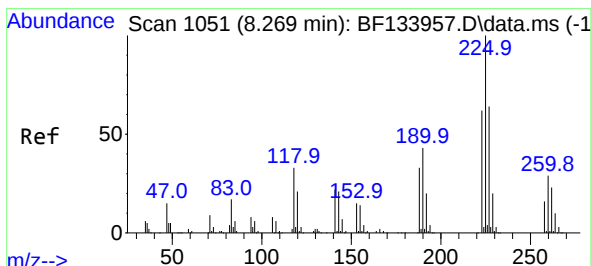
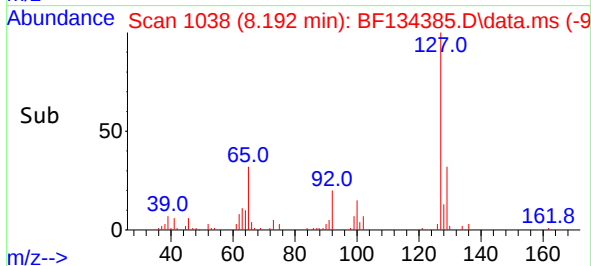
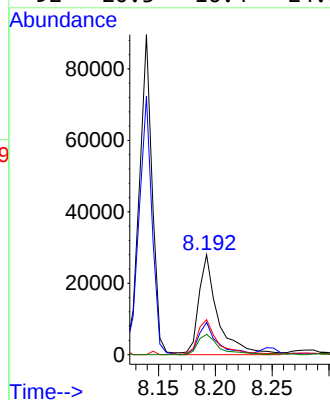
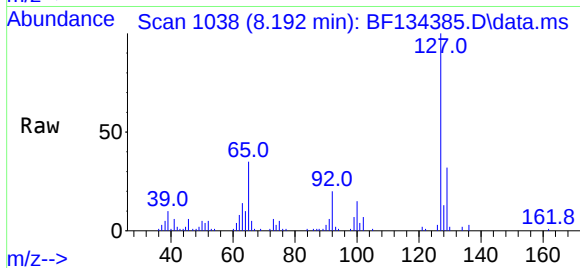
RBR200018MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	35.1	27.8	41.8
92	20.3	16.4	24.6

Manual Integrations

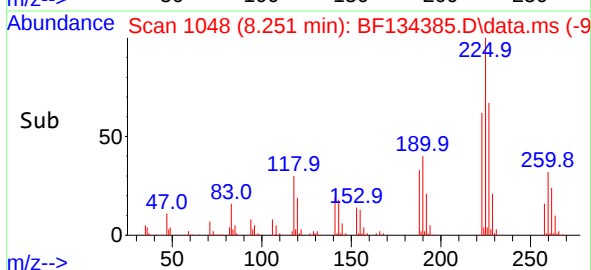
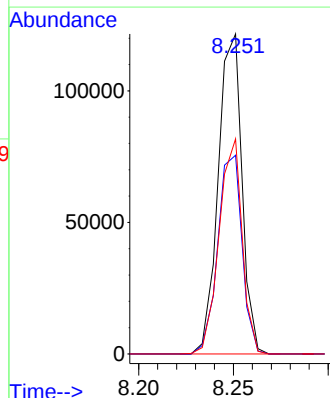
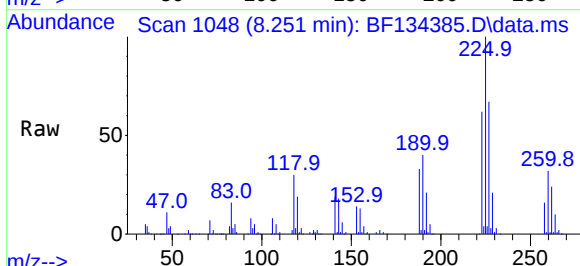
APPROVED

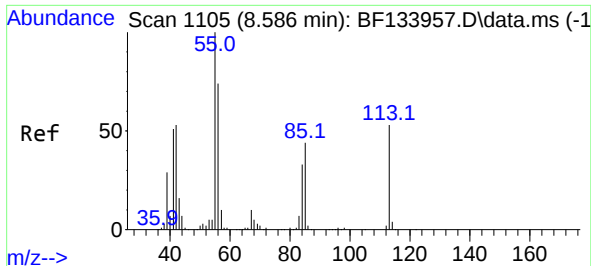
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#34
Hexachlorobutadiene
Concen: 23.581 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

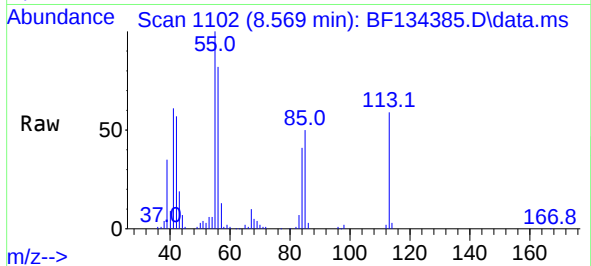
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	67.2	51.0	76.4





#35
Caprolactam
Concen: 20.900 ng m
RT: 8.569 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

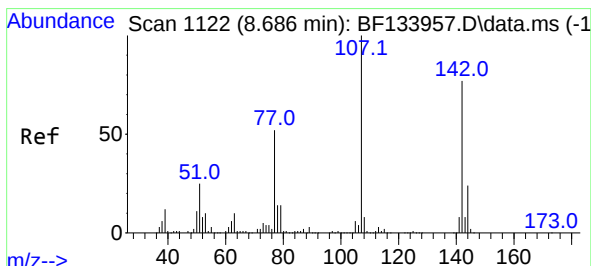
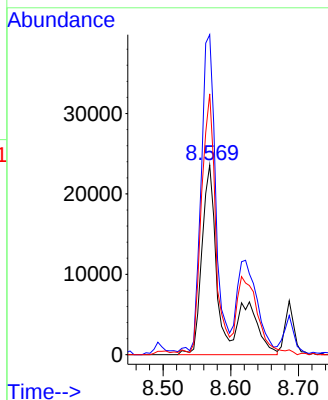
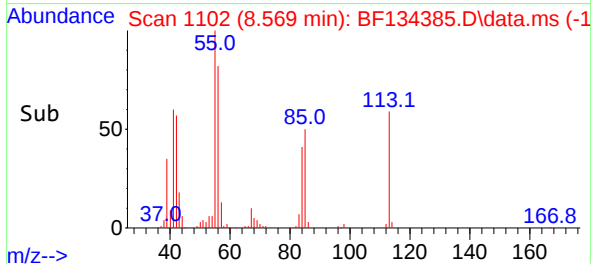
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



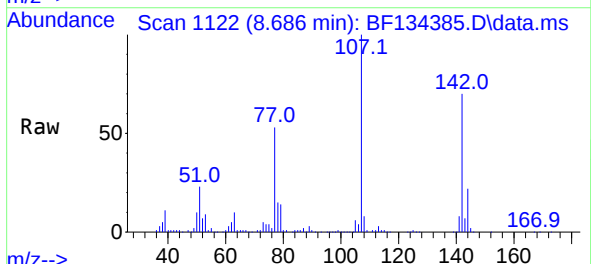
Tgt Ion:113 Resp: 47548
Ion Ratio Lower Upper
113 100
55 168.8 170.2 210.2
56 137.6 121.4 161.4

Manual Integrations
APPROVED

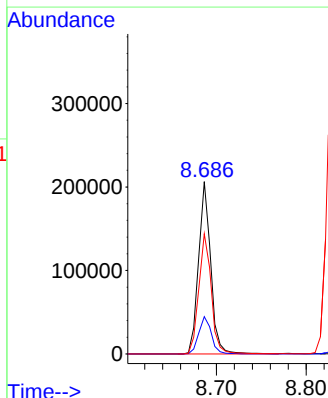
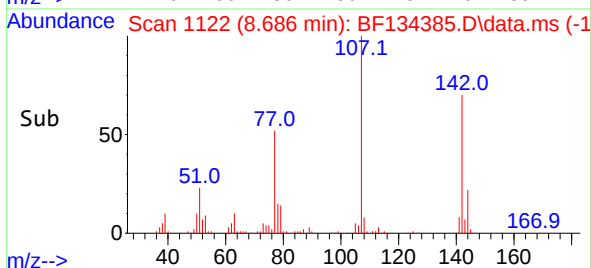
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

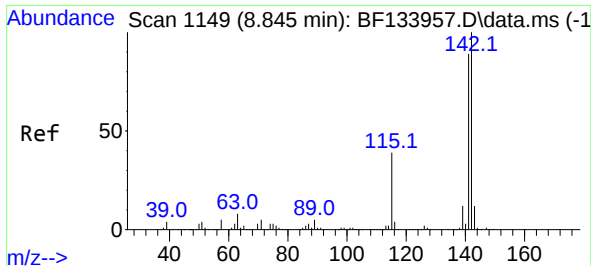


#36
4-Chloro-3-methylphenol
Concen: 25.102 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:107 Resp: 194846
Ion Ratio Lower Upper
107 100
144 21.6 19.6 29.4
142 69.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 22.350 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

Tgt Ion:142 Resp: 37369

Ion Ratio Lower Upper

142 100

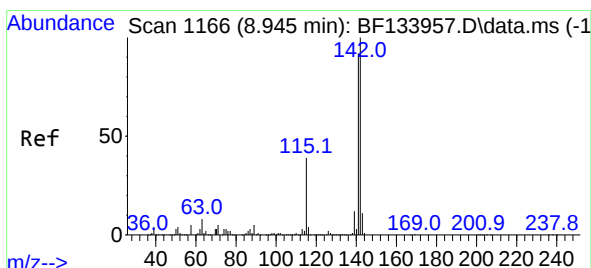
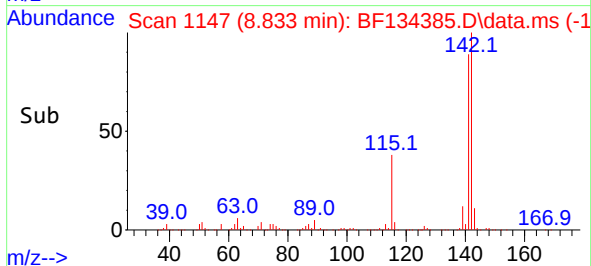
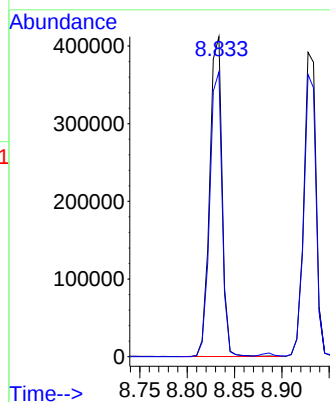
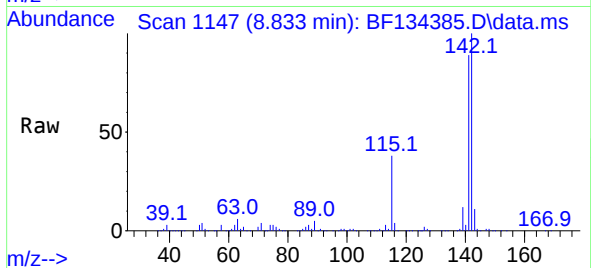
141 89.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#38

1-Methylnaphthalene

Concen: 22.727 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.012 min

Lab File: BF134385.D

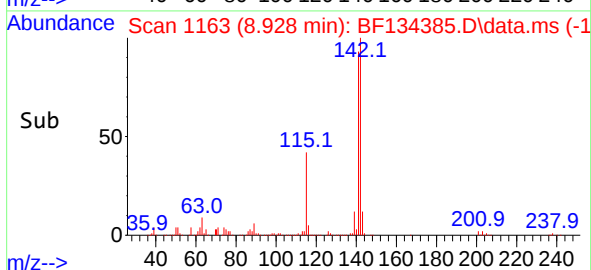
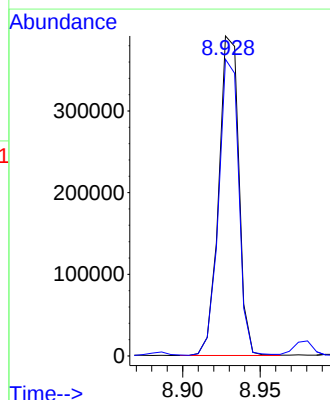
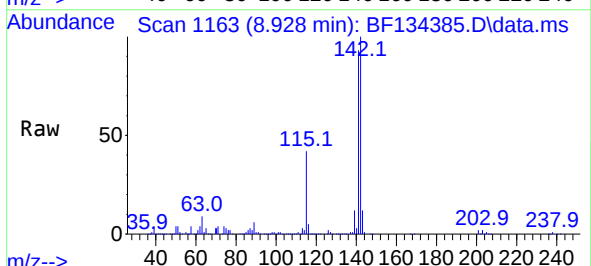
Acq: 20 Jul 2023 17:05

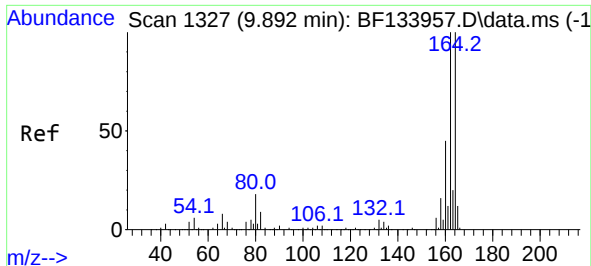
Tgt Ion:142 Resp: 353271

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3





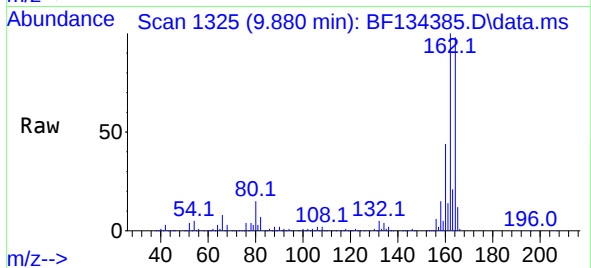
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

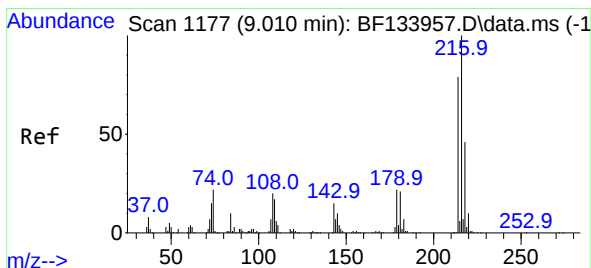
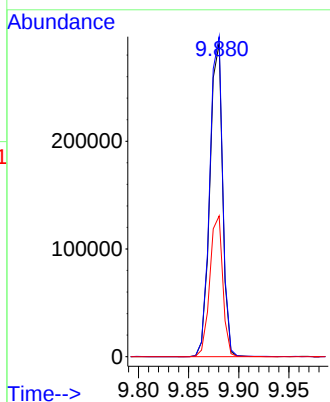
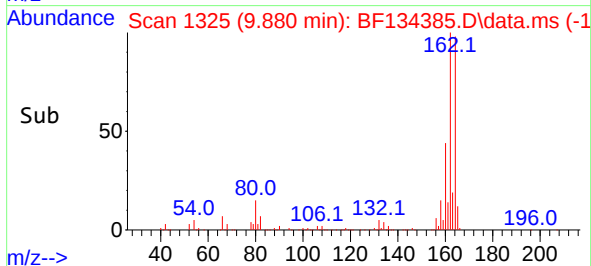


Tgt Ion:164 Resp: 25820
Ion Ratio Lower Upper
164 100
162 102.1 80.0 120.0
160 44.9 35.9 53.9

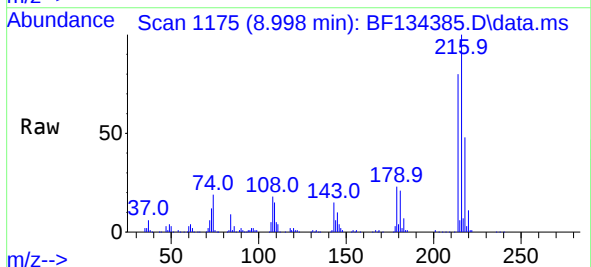
Manual Integrations

APPROVED

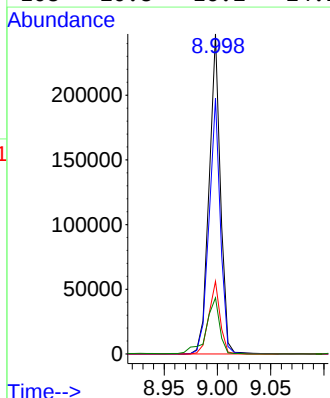
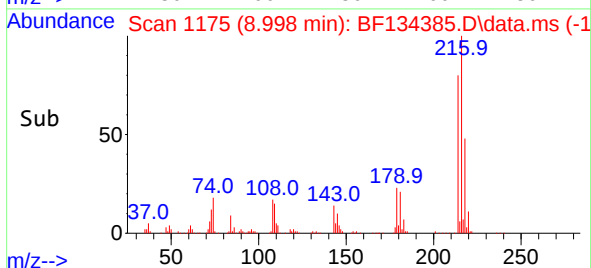
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

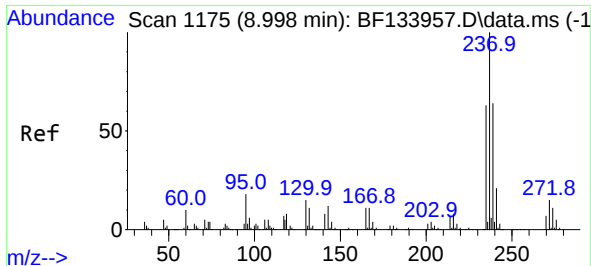


#40
1,2,4,5-Tetrachlorobenzene
Concen: 24.061 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:216 Resp: 184060
Ion Ratio Lower Upper
216 100
214 79.6 64.1 96.1
179 22.4 17.3 25.9
108 20.8 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 34.690 ng
RT: 8.981 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

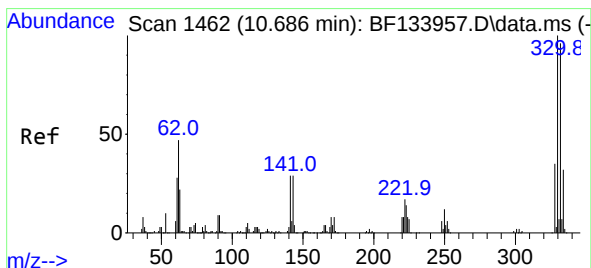
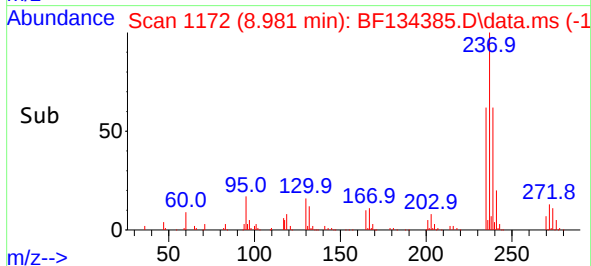
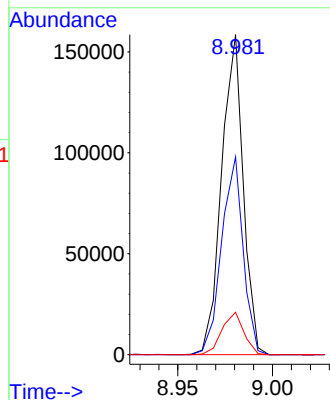
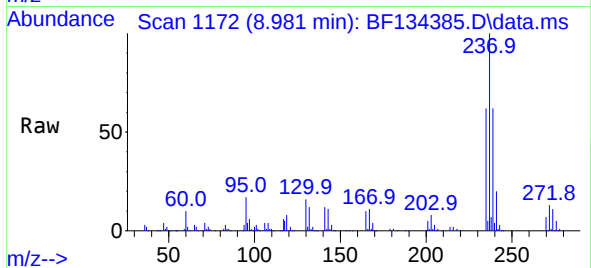
RBR200018MSD

Tgt Ion:237 Resp: 125894
Ion Ratio Lower Upper
237 100
235 61.8 42.8 82.8
272 13.3 0.0 34.6

Manual Integrations

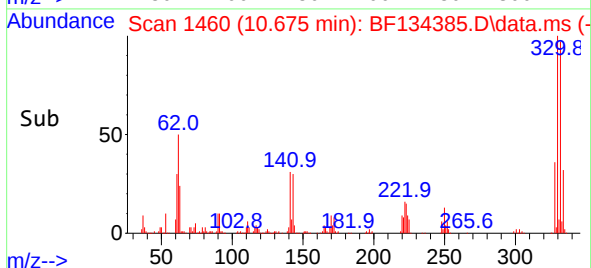
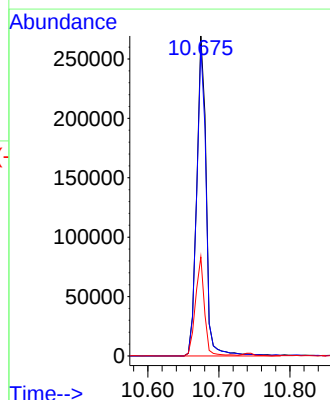
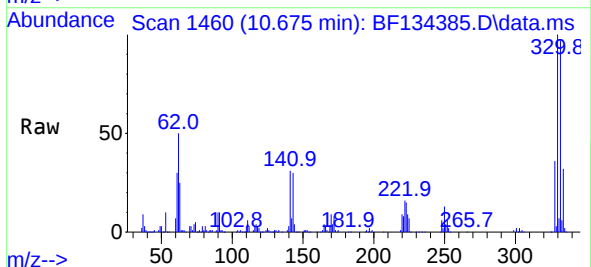
APPROVED

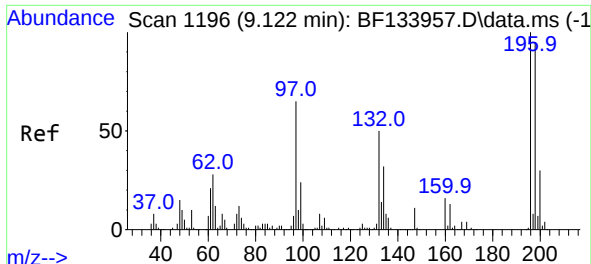
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#42
2,4,6-Tribromophenol
Concen: 77.661 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:330 Resp: 251414
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 29.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 23.987 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

Tgt Ion:196 Resp: 124910

Ion Ratio Lower Upper

196 100

198 93.3 75.6 113.4

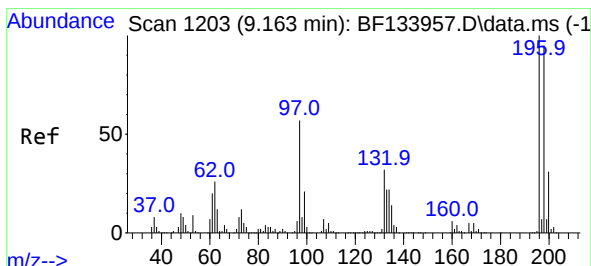
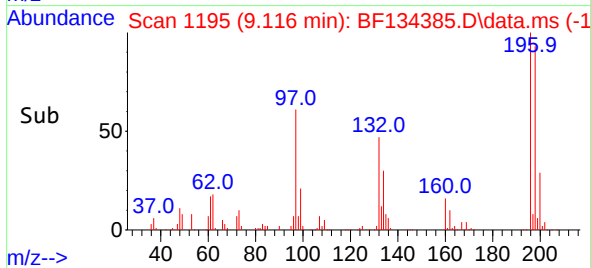
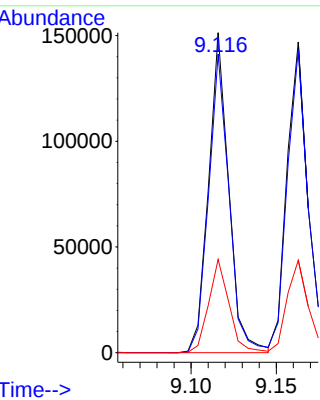
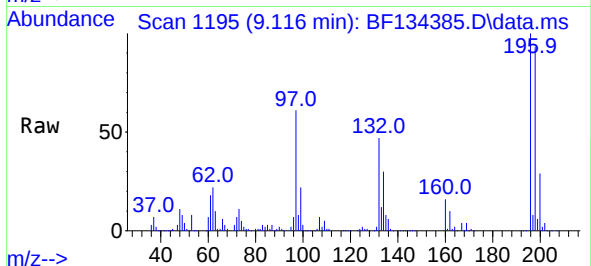
200 29.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#44

2,4,5-Trichlorophenol

Concen: 21.502 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

Tgt Ion:196 Resp: 131707

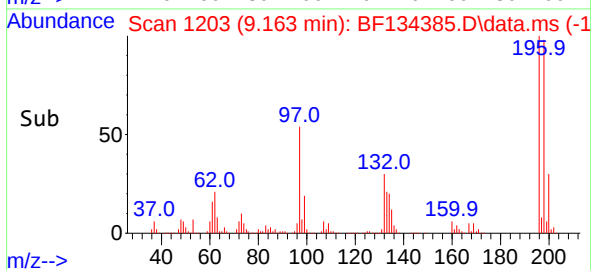
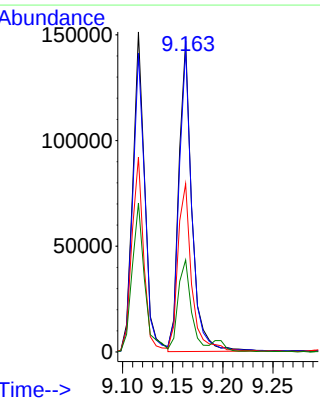
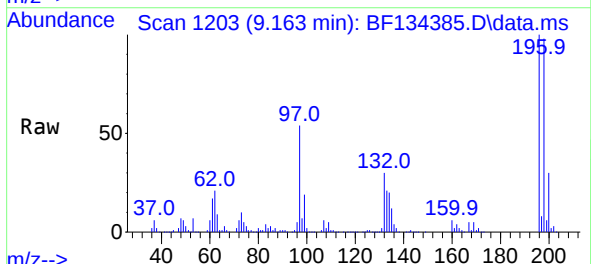
Ion Ratio Lower Upper

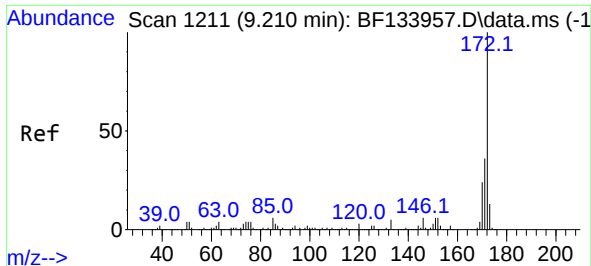
196 100

198 97.7 75.7 113.5

97 54.1 45.8 68.6

132 29.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 49.042 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

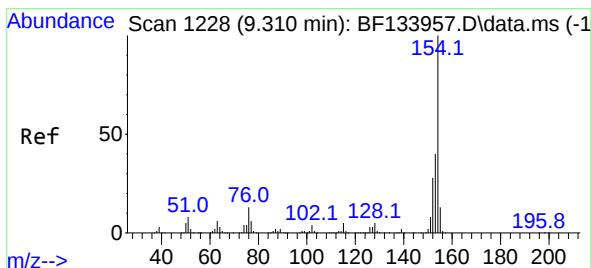
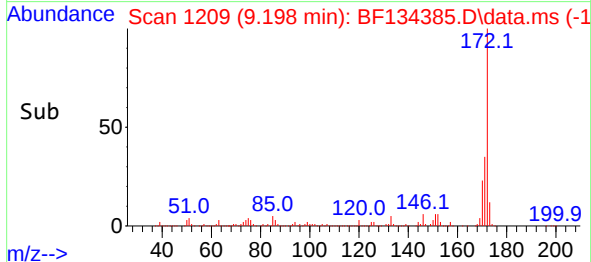
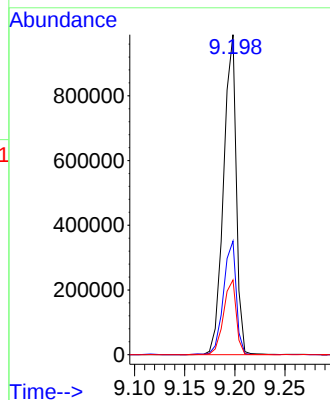
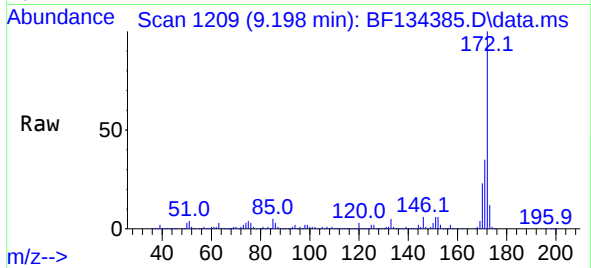
Tgt Ion:172 Resp: 870959
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#46

1,1'-Biphenyl

Concen: 23.541 ng

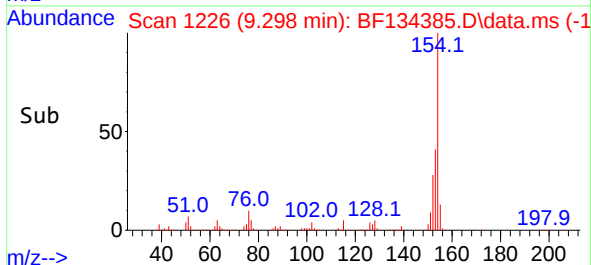
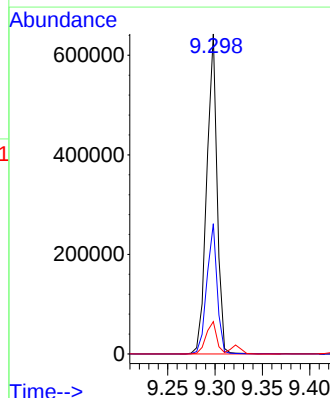
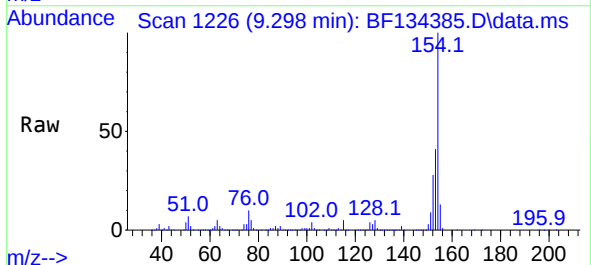
RT: 9.298 min Scan# 1226

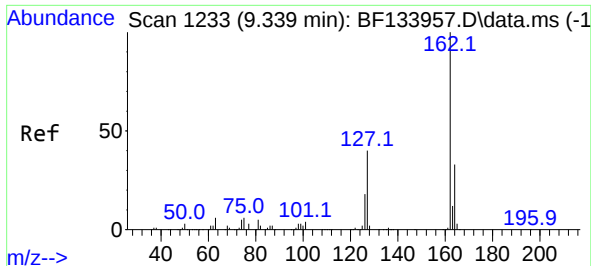
Delta R.T. -0.006 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

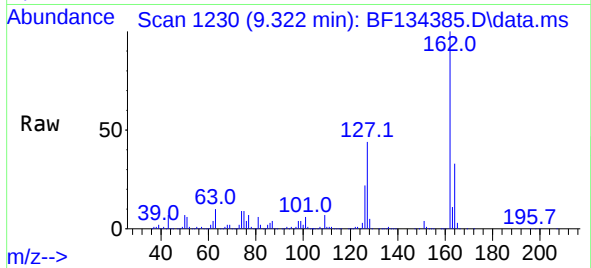
Tgt Ion:154 Resp: 487573
 Ion Ratio Lower Upper
 154 100
 153 40.7 19.8 59.8
 76 10.1 0.0 32.9





#47
2-Chloronaphthalene
Concen: 24.064 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

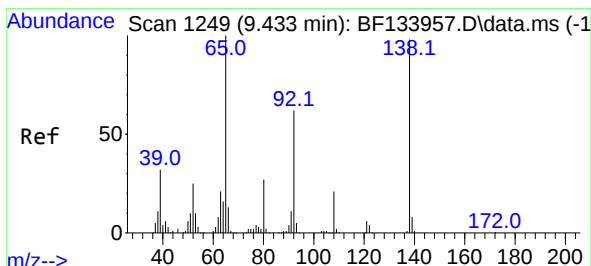
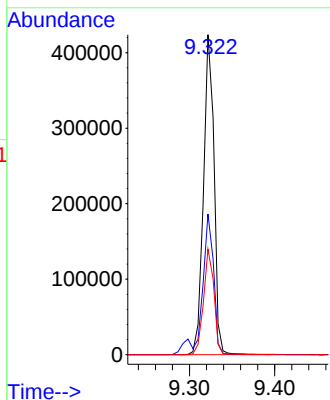
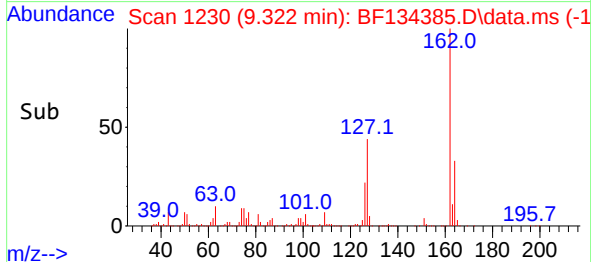
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



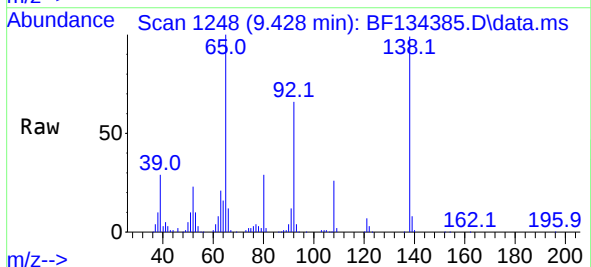
Tgt Ion:162 Resp: 364672
Ion Ratio Lower Upper
162 100
127 44.0 32.9 49.3
164 33.0 26.1 39.1

Manual Integrations
APPROVED

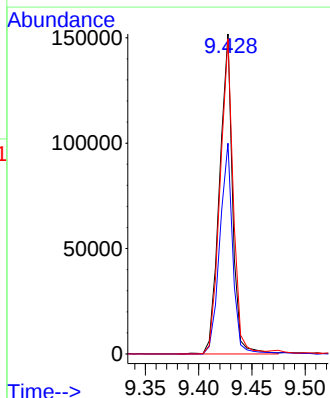
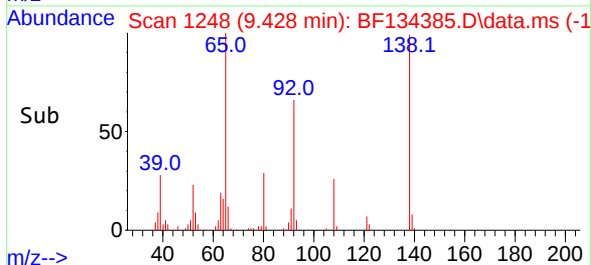
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

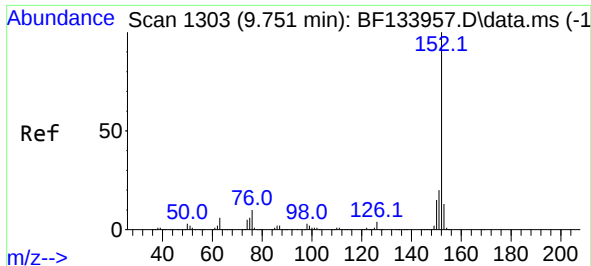


#48
2-Nitroaniline
Concen: 23.234 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion: 65 Resp: 128321
Ion Ratio Lower Upper
65 100
92 65.9 49.5 74.3
138 98.5 78.0 117.0





#49
Acenaphthylene
Concen: 22.868 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

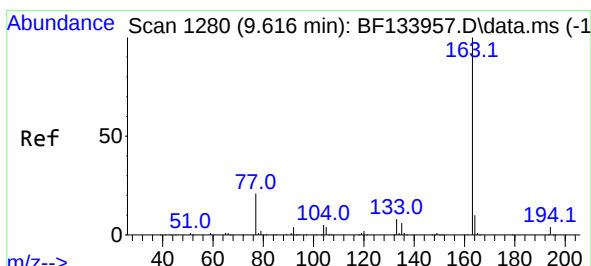
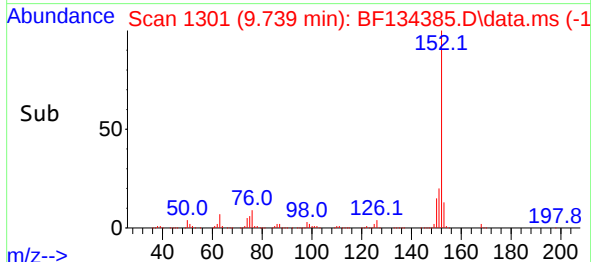
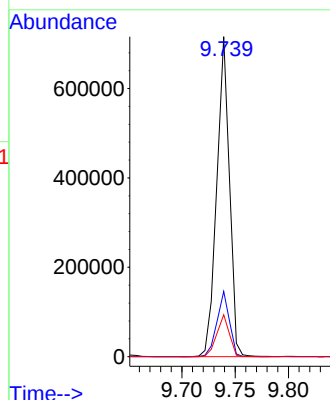
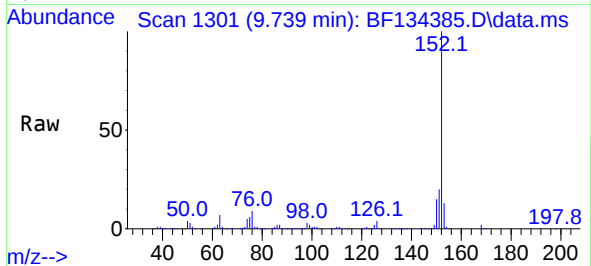
RBR200018MSD

Tgt Ion:152 Resp: 591994
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.1 10.8 16.2

Manual Integrations

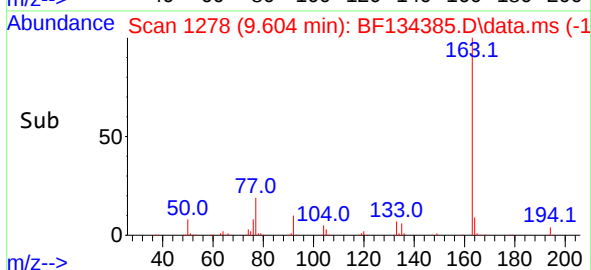
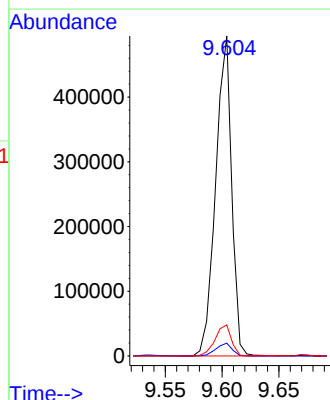
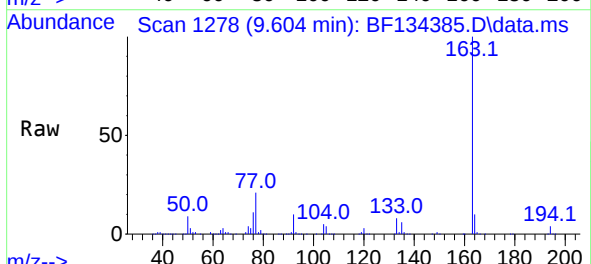
APPROVED

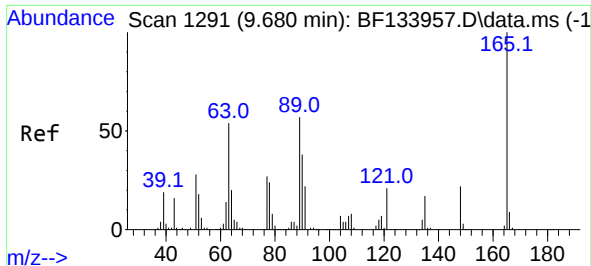
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#50
Dimethylphthalate
Concen: 25.807 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:163 Resp: 483694
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.7 8.2 12.2





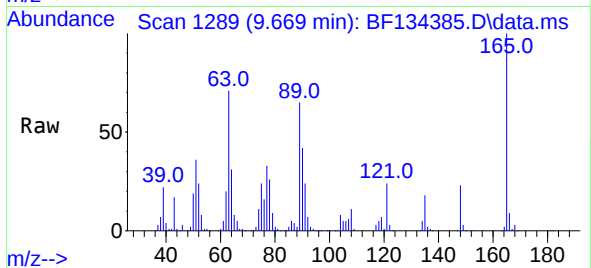
#51
2,6-Dinitrotoluene
Concen: 24.894 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

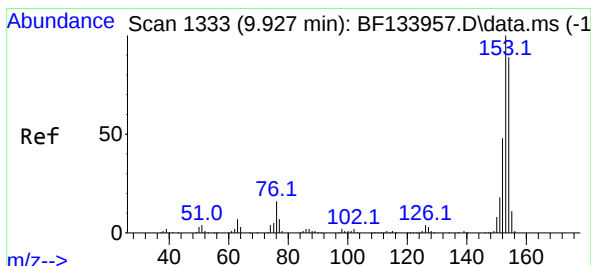
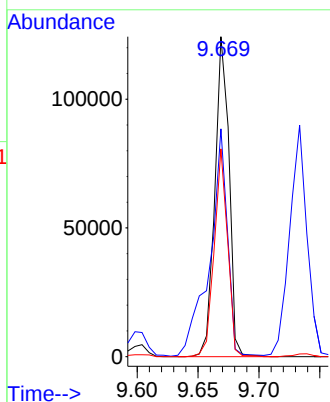
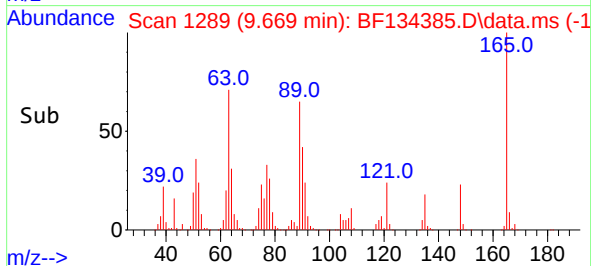


Tgt Ion:165 Resp: 100491
Ion Ratio Lower Upper
165 100
63 71.2 48.5 72.7
89 65.0 45.5 68.3

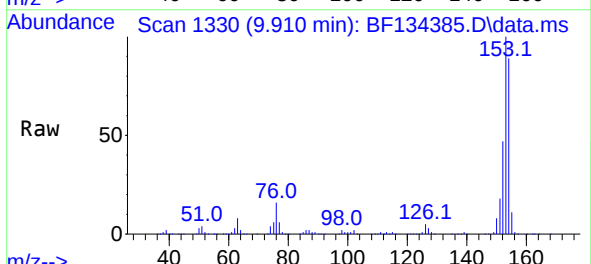
Manual Integrations

APPROVED

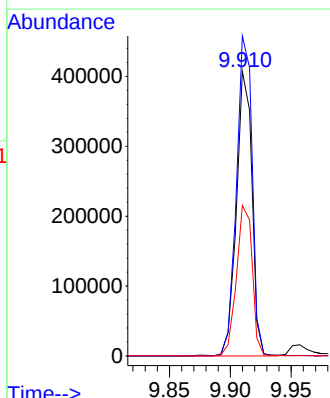
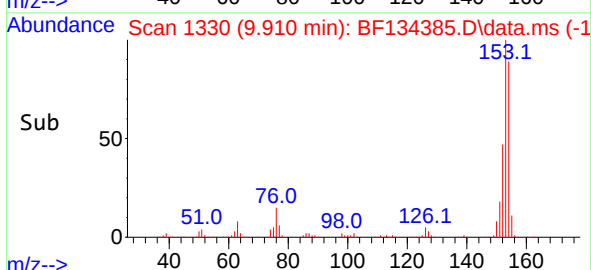
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

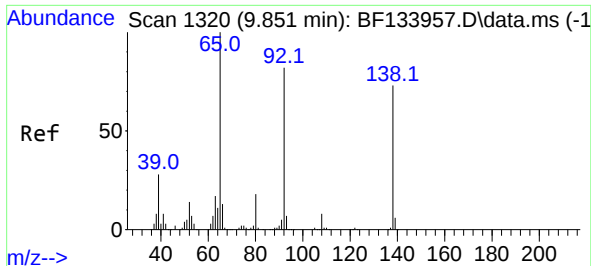


#52
Acenaphthene
Concen: 24.002 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:154 Resp: 360542
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.2
152 52.9 42.8 64.2





#53
3-Nitroaniline
Concen: 11.045 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

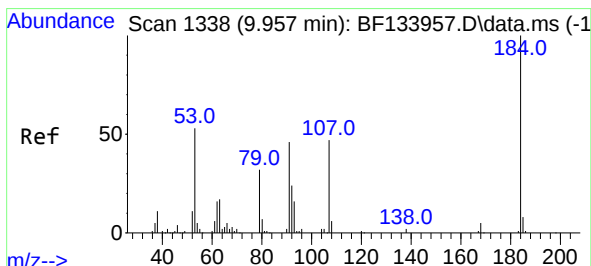
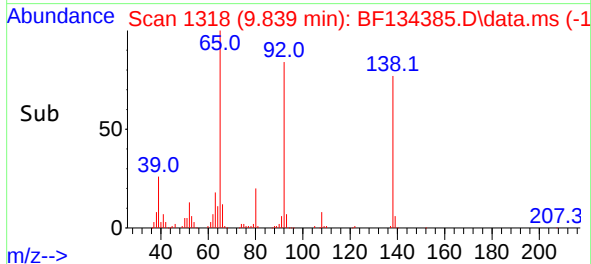
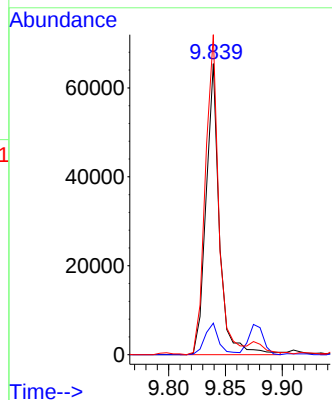
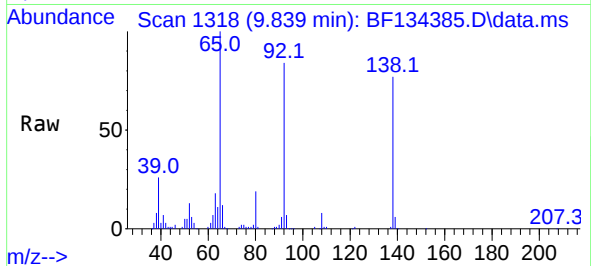
RBR200018MSD

Tgt Ion:138 Resp: 5349
Ion Ratio Lower Upper
138 100
108 10.8 8.4 12.6
92 110.0 90.1 135.1

Manual Integrations

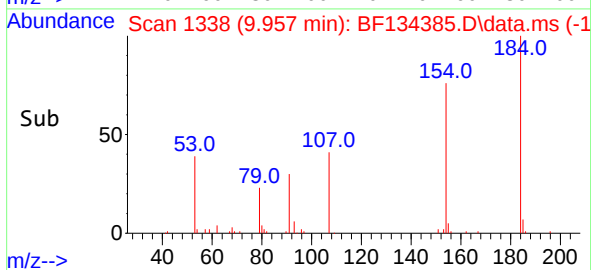
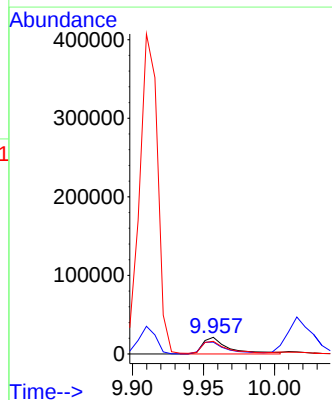
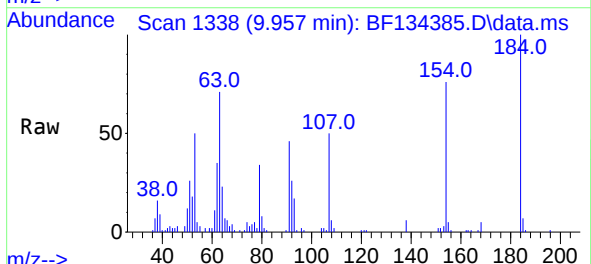
APPROVED

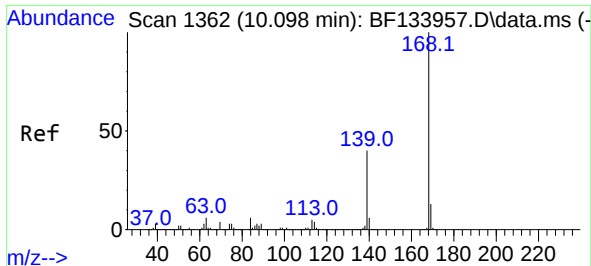
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#54
2,4-Dinitrophenol
Concen: 14.789 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

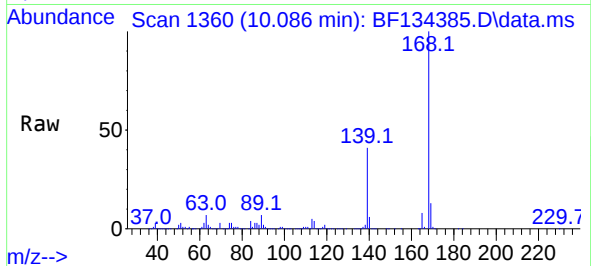
Tgt Ion:184 Resp: 26764
Ion Ratio Lower Upper
184 100
63 71.5 56.9 85.3
154 76.3 55.4 83.0





#55
Dibenzenofuran
Concen: 23.603 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

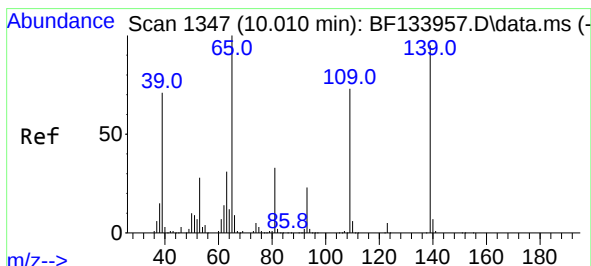
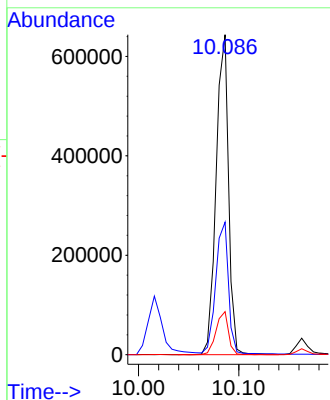
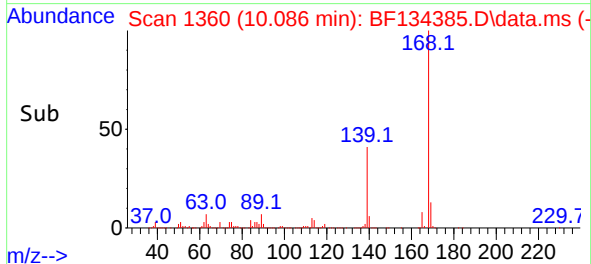
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



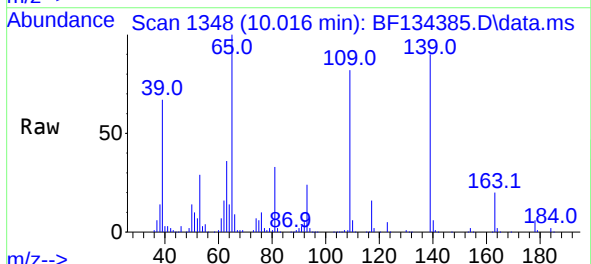
Tgt Ion:168 Resp: 554098
Ion Ratio Lower Upper
168 100
139 41.4 32.0 48.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

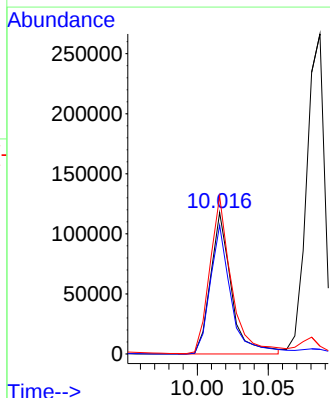
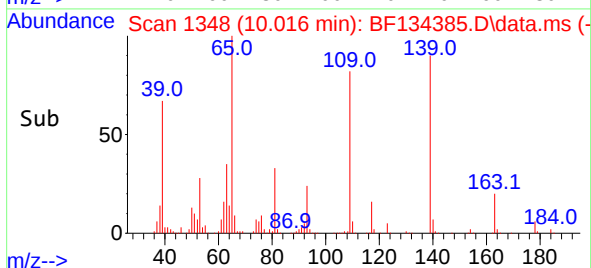
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

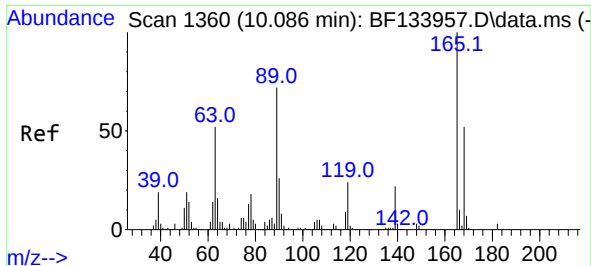


#56
4-Nitrophenol
Concen: 35.307 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



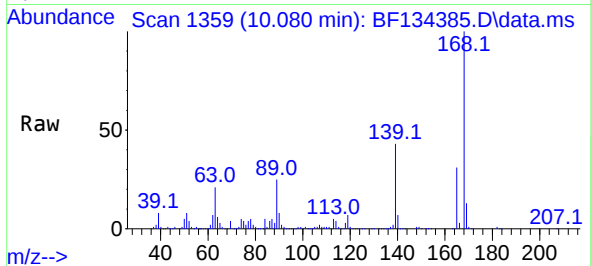
Tgt Ion:139 Resp: 119605
Ion Ratio Lower Upper
139 100
109 91.1 56.8 96.8
65 111.5 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 25.226 ng
RT: 10.080 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

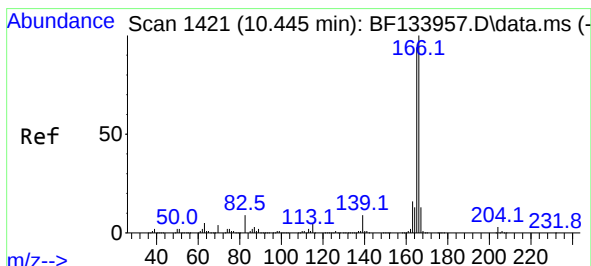
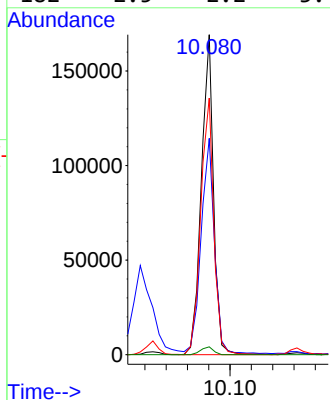
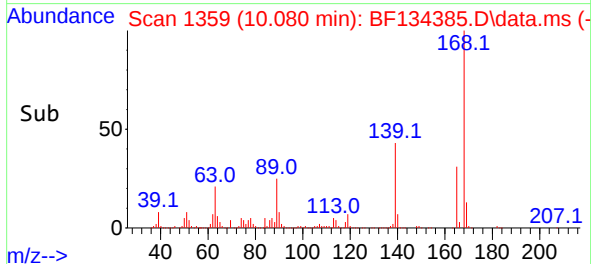
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



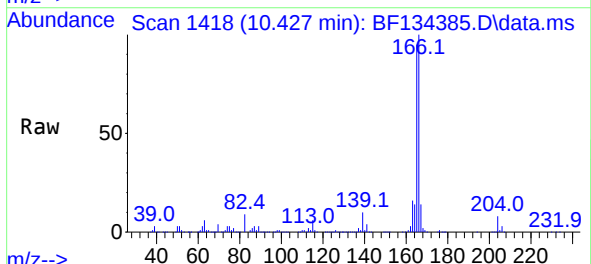
Tgt Ion:165 Resp: 134489
Ion Ratio Lower Upper
165 100
63 67.6 42.2 63.2
89 80.2 57.4 86.2
182 2.5 2.2 3.4

Manual Integrations
APPROVED

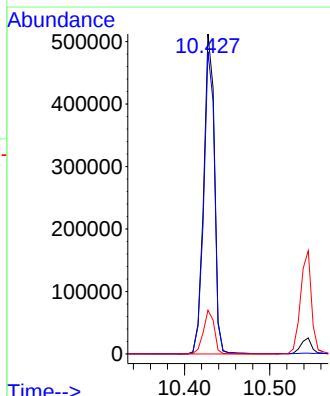
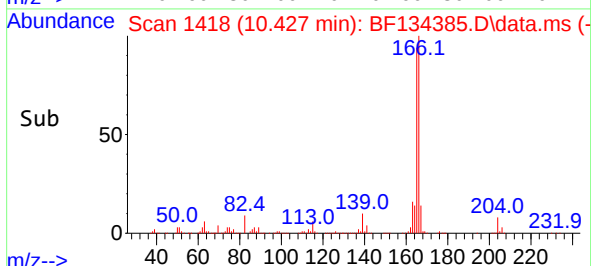
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

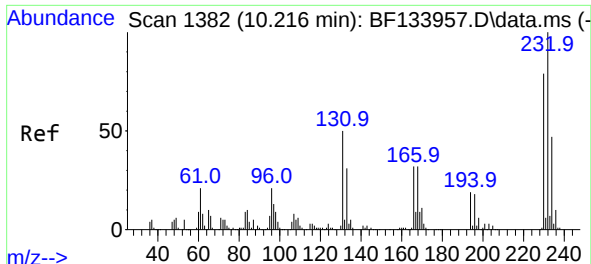


#58
Fluorene
Concen: 24.748 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



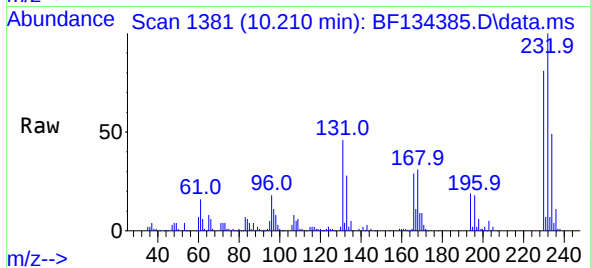
Tgt Ion:166 Resp: 451996
Ion Ratio Lower Upper
166 100
165 94.5 75.0 112.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 23.230 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

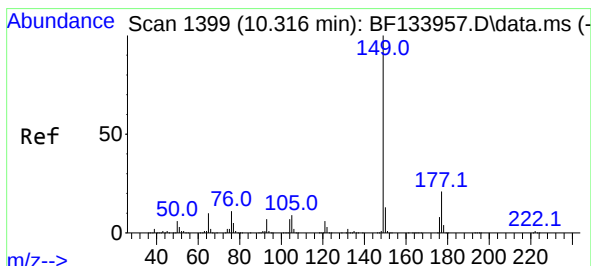
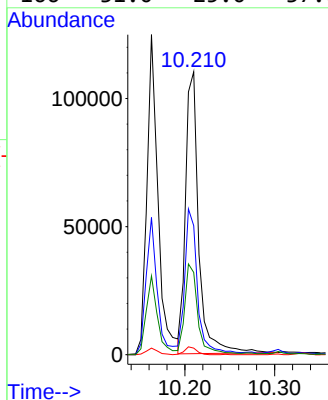
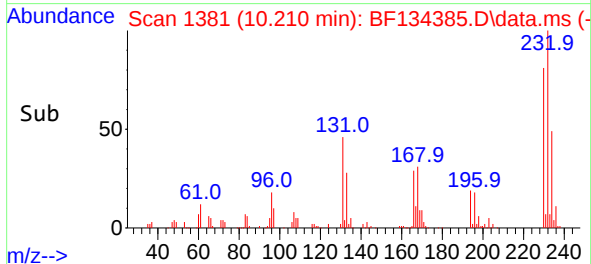
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



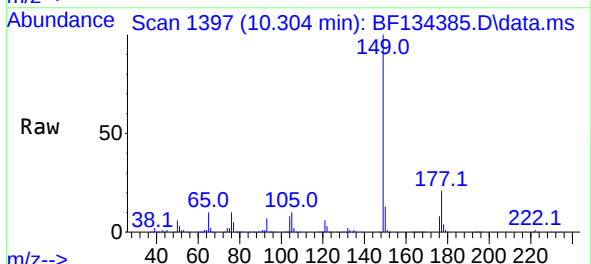
Tgt Ion:232 Resp: 112240
Ion Ratio Lower Upper
232 100
131 48.9 39.3 58.9
130 2.5 1.8 2.6
166 31.0 25.0 37.6

Manual Integrations
APPROVED

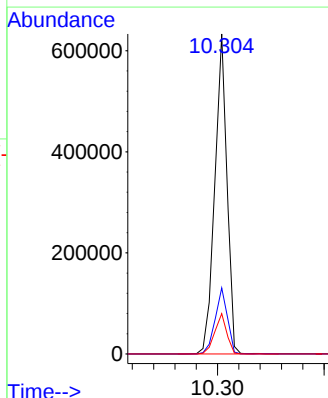
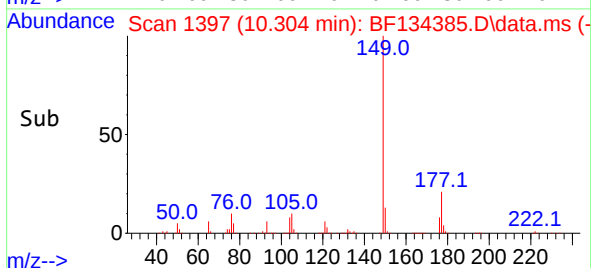
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

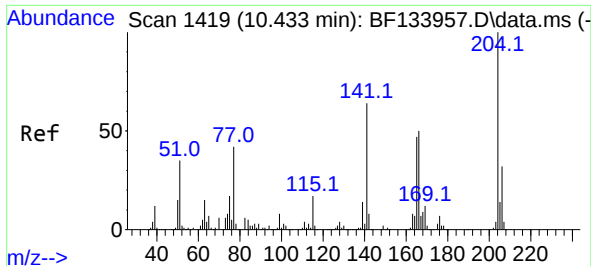


#60
Diethylphthalate
Concen: 25.641 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:149 Resp: 500704
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.6 10.2 15.2





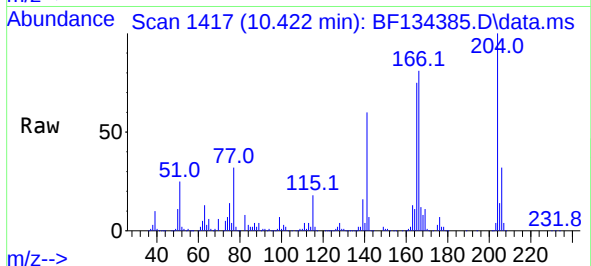
#61
4-Chlorophenyl-phenylether
Concen: 25.767 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

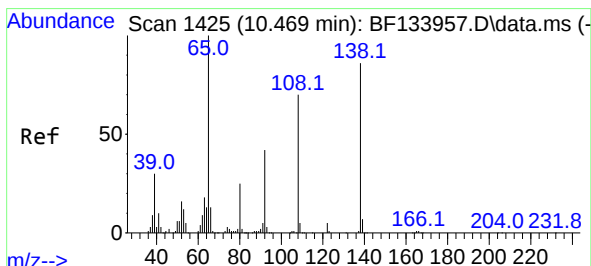
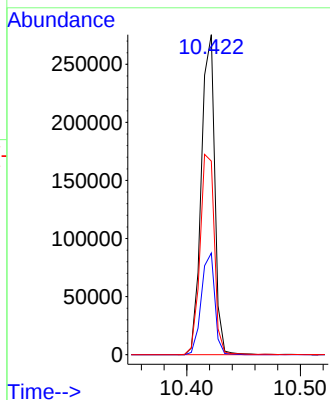
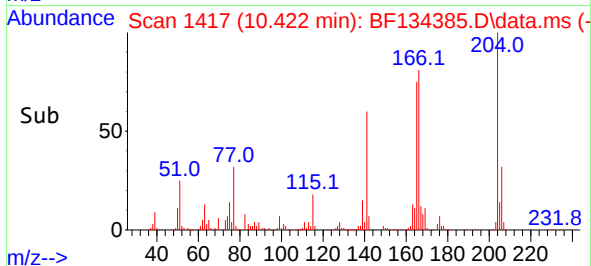


Tgt Ion:204 Resp: 226792
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.6
141 60.5 51.5 77.3

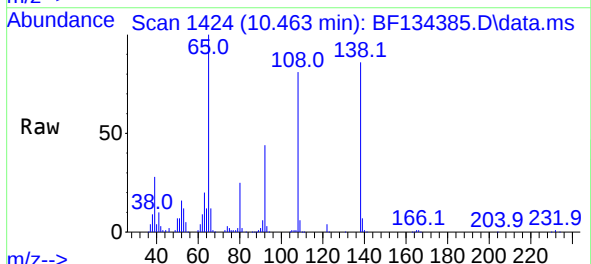
Manual Integrations

APPROVED

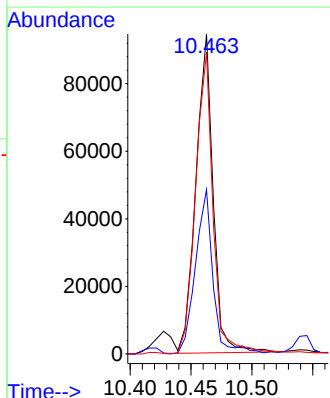
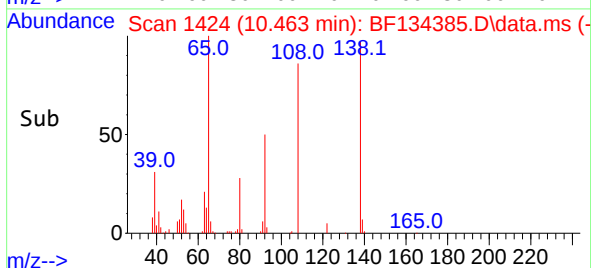
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

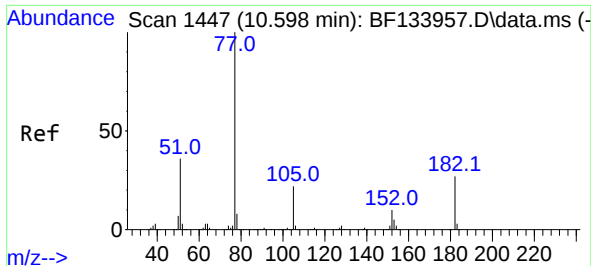


#62
4-Nitroaniline
Concen: 19.034 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



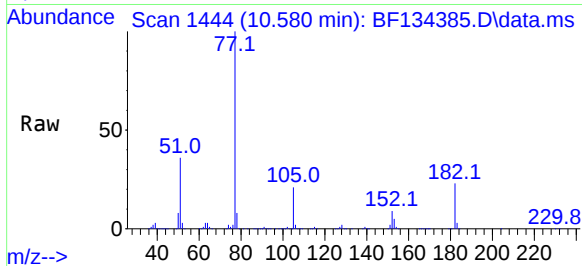
Tgt Ion:138 Resp: 92900
Ion Ratio Lower Upper
138 100
92 51.4 29.7 69.7
108 94.3 62.1 102.1





#63
Azobenzene
Concen: 23.665 ng
RT: 10.580 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

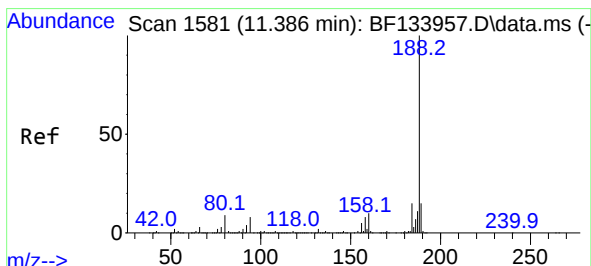
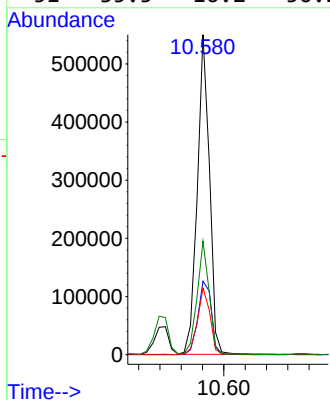
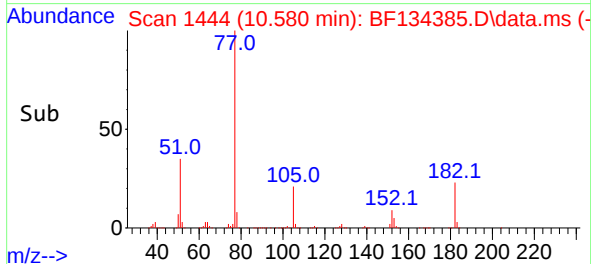
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



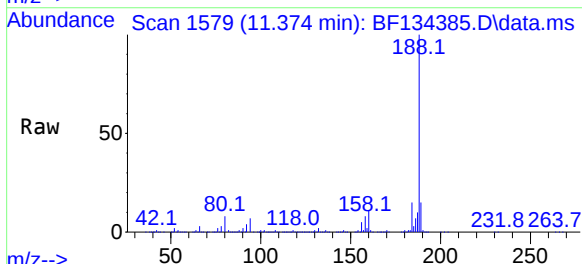
Tgt Ion: 77 Resp: 437118
Ion Ratio Lower Upper
77 100
182 23.0 6.8 46.8
105 20.8 2.3 42.3
51 35.5 16.2 56.2

Manual Integrations
APPROVED

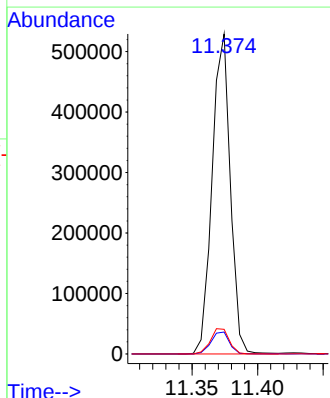
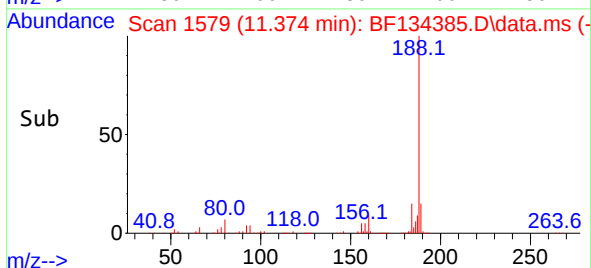
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

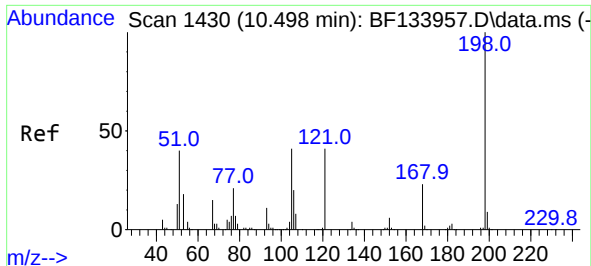


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:188 Resp: 509527
Ion Ratio Lower Upper
188 100
94 6.9 6.4 9.6
80 7.7 7.3 10.9





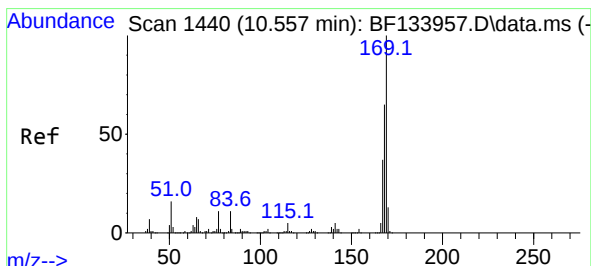
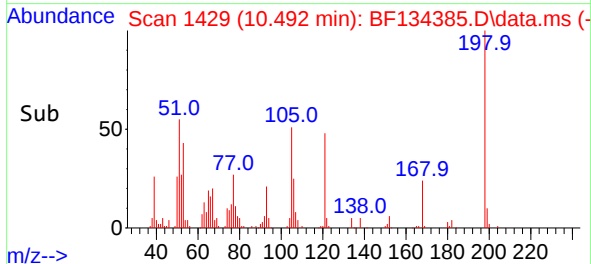
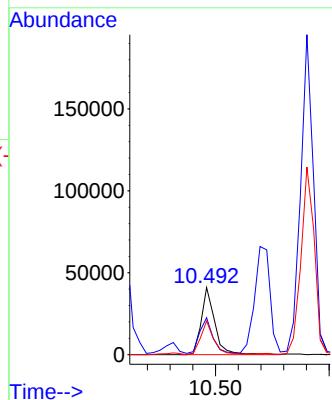
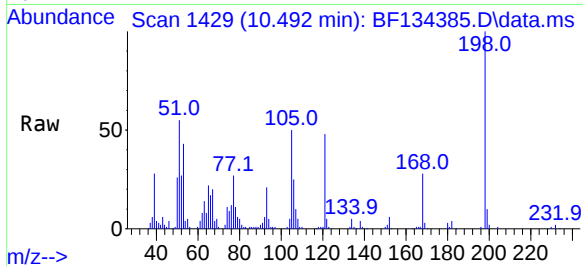
#65
4,6-Dinitro-2-methylphenol
Concen: 12.219 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :
BNA_F
ClientSampleId :
RBR200018MSD

Tgt Ion:198 Resp: 3394
Ion Ratio Lower Upper
198 100
51 55.0 29.3 69.3
105 50.0 22.4 62.4

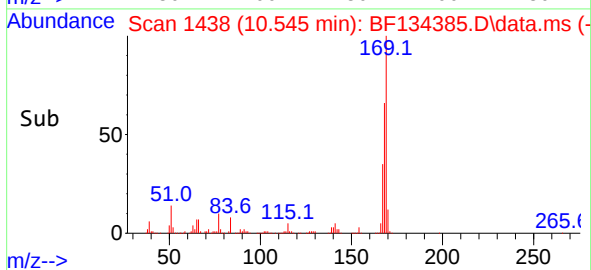
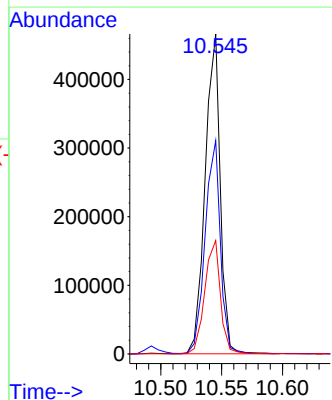
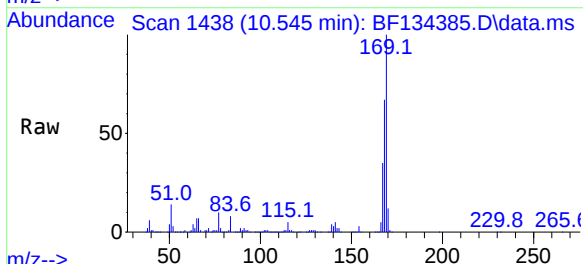
Manual Integrations
APPROVED

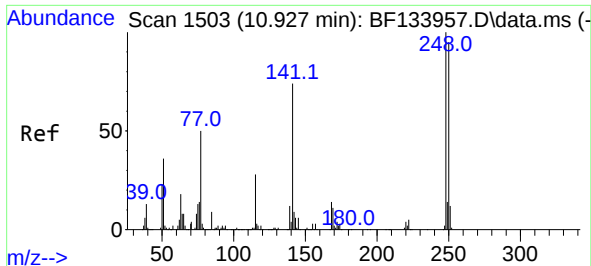
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#66
n-Nitrosodiphenylamine
Concen: 24.583 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:169 Resp: 400204
Ion Ratio Lower Upper
169 100
168 66.7 52.3 78.5
167 35.4 29.4 44.0





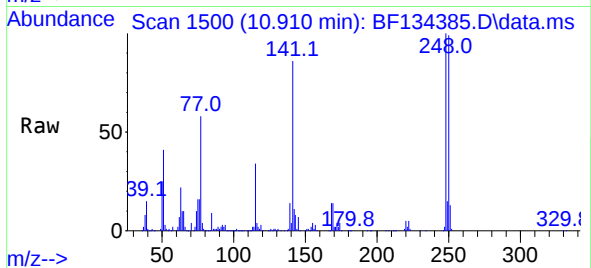
#67
4-Bromophenyl-phenylether
Concen: 26.157 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD



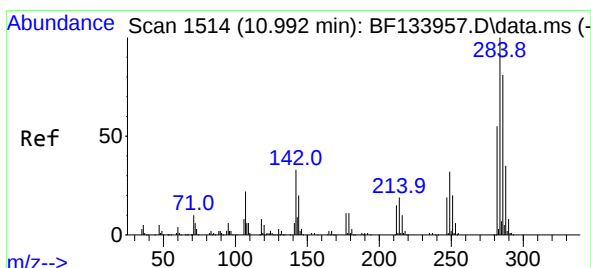
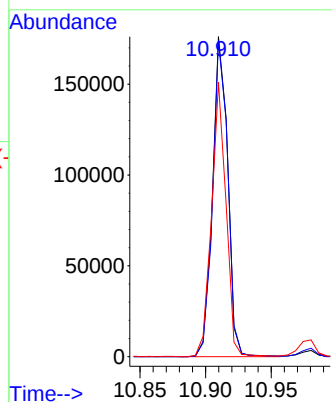
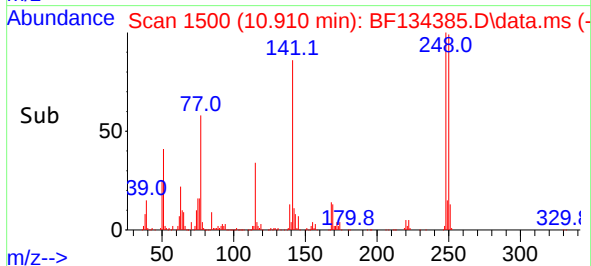
Tgt Ion:248 Resp: 141650
Ion Ratio Lower Upper
248 100
250 98.7 76.2 114.4
141 85.8 59.0 88.4

Manual Integrations

APPROVED

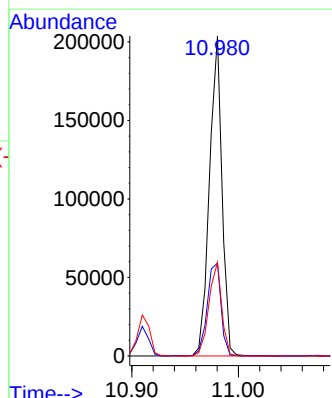
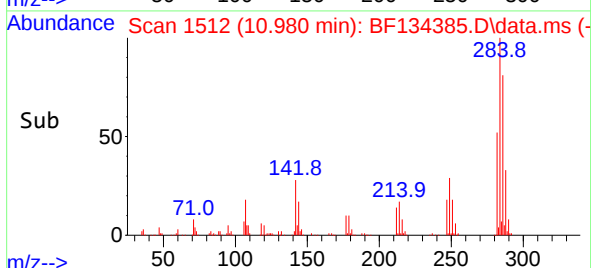
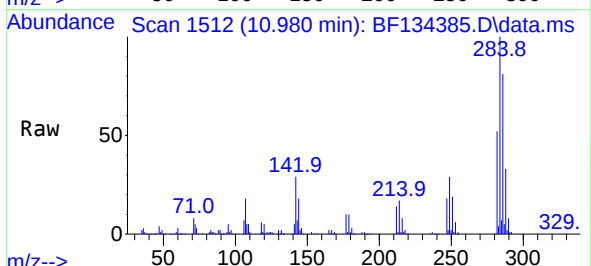
Reviewed By :Yogesh Patel 07/21/2023

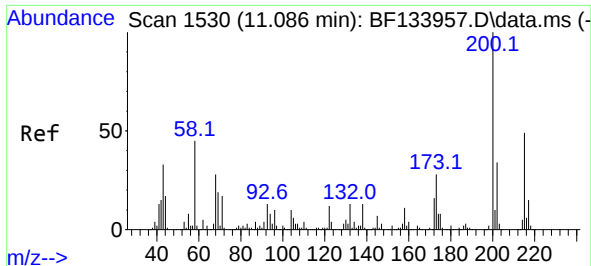
Supervised By :mohammad ahmed 07/21/2023



#68
Hexachlorobenzene
Concen: 29.066 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

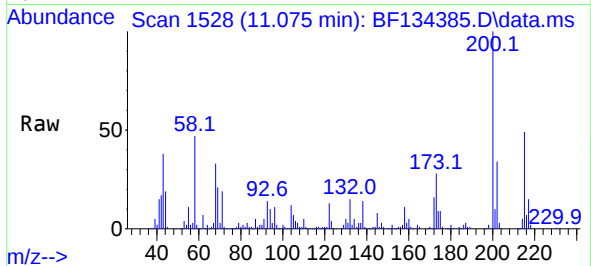
Tgt Ion:284 Resp: 167133
Ion Ratio Lower Upper
284 100
142 29.1 26.6 40.0
249 29.3 25.5 38.3





#69
Atrazine
Concen: 30.884 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

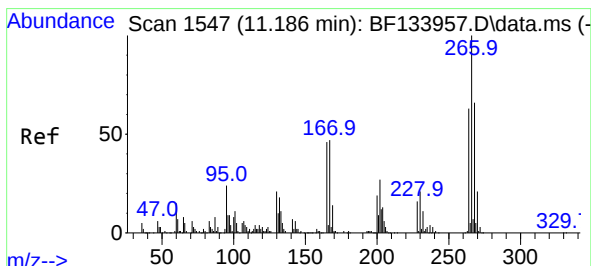
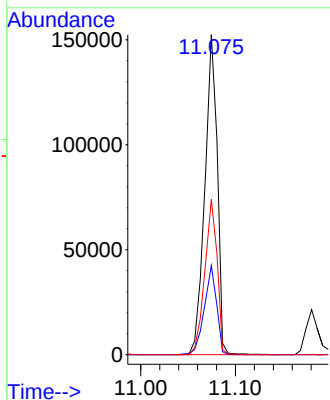
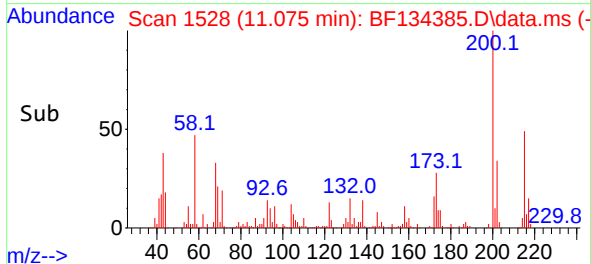
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



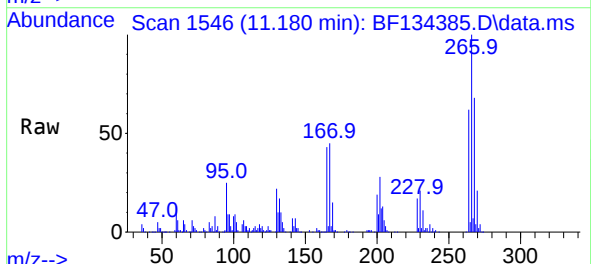
Tgt Ion:200 Resp: 13907
Ion Ratio Lower Upper
200 100
173 27.8 8.0 48.0
215 48.5 29.3 69.3

Manual Integrations
APPROVED

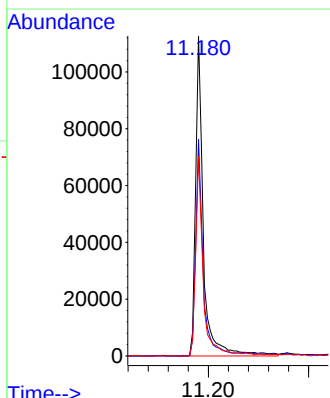
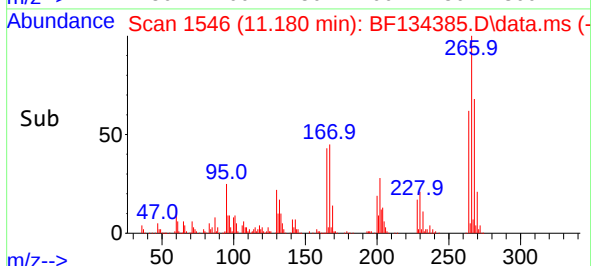
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

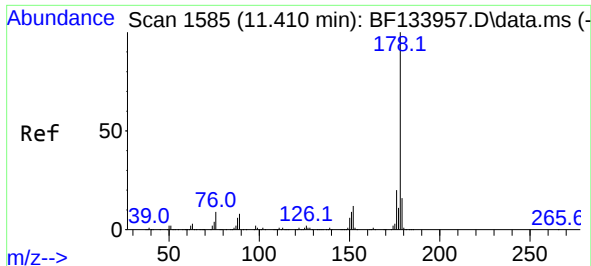


#70
Pentachlorophenol
Concen: 35.225 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:266 Resp: 121109
Ion Ratio Lower Upper
266 100
268 67.7 52.6 79.0
264 62.3 50.6 76.0





#71
Phenanthrene
Concen: 24.684 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

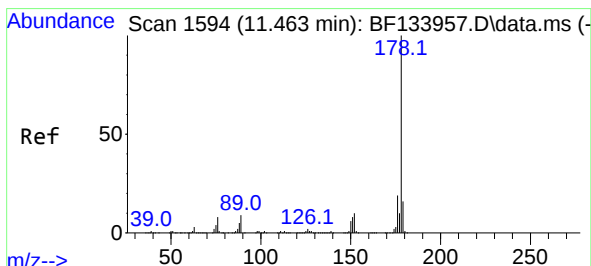
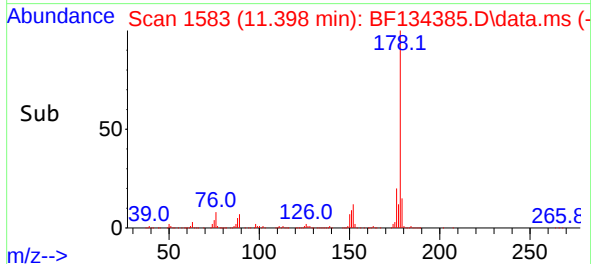
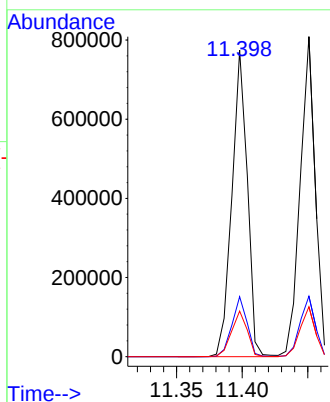
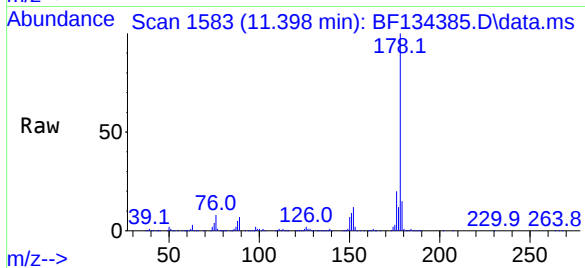
RBR200018MSD

Tgt Ion:178 Resp: 633159
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 14.9 12.4 18.6

Manual Integrations

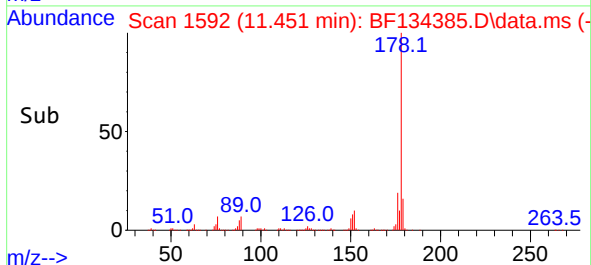
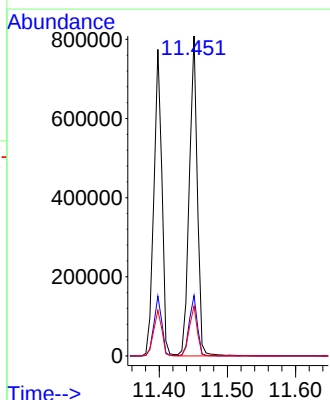
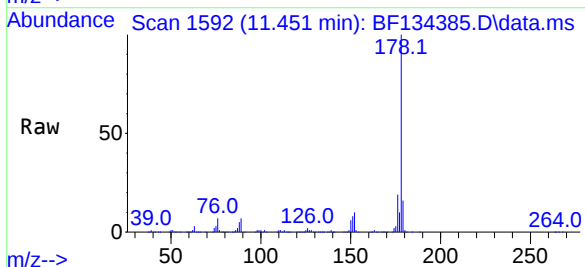
APPROVED

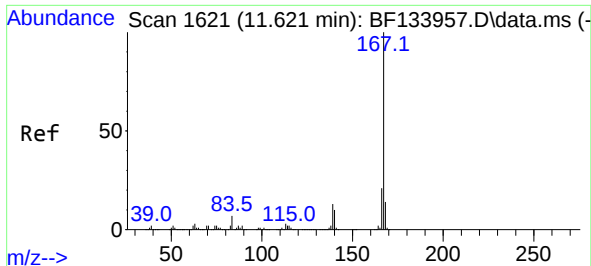
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#72
Anthracene
Concen: 24.541 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:178 Resp: 654727
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 24.423 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF134385.D
 Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

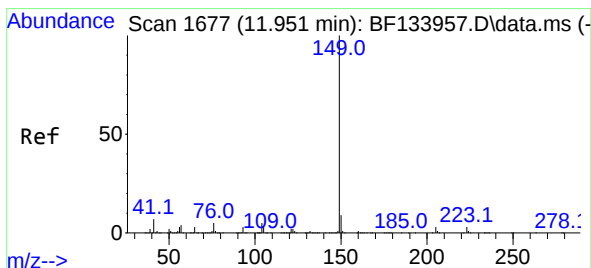
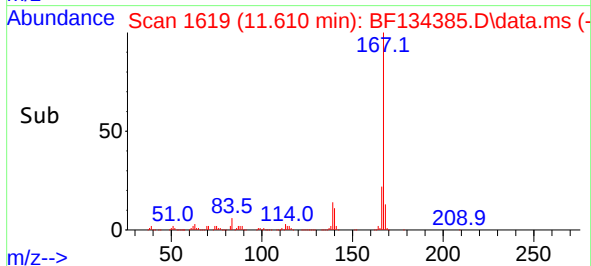
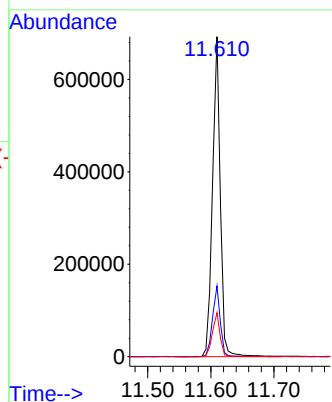
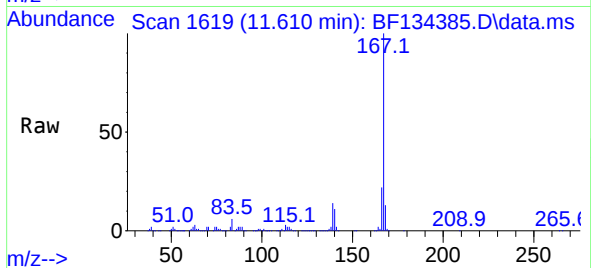
RBR200018MSD

Tgt Ion:167 Resp: 596409
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 13.8 10.4 15.6

Manual Integrations

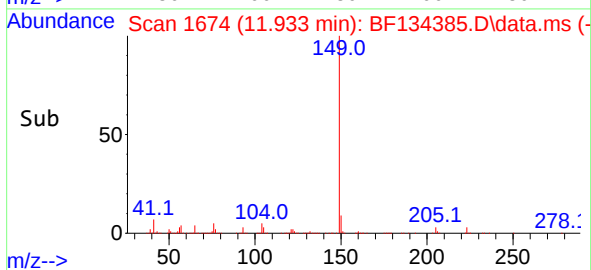
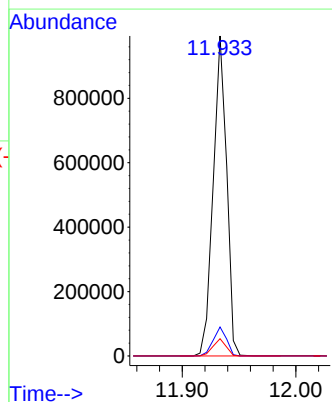
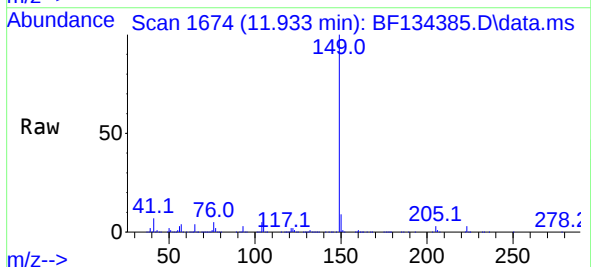
APPROVED

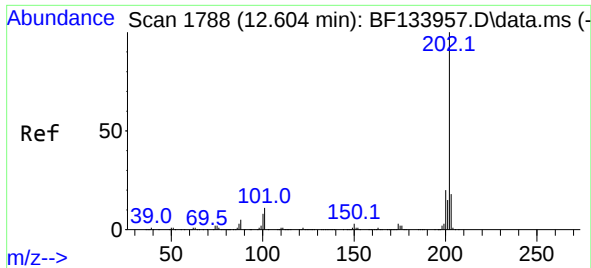
Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023



#74
 Di-n-butylphthalate
 Concen: 28.012 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF134385.D
 Acq: 20 Jul 2023 17:05

Tgt Ion:149 Resp: 813450
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.4 4.0 6.0





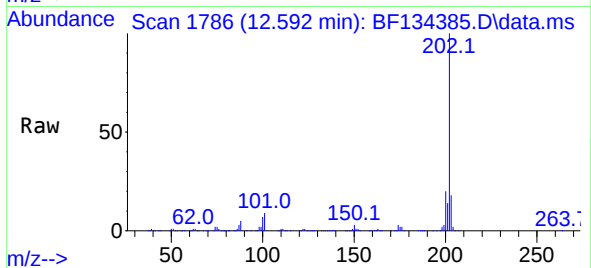
#75
Fluoranthene
Concen: 23.917 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

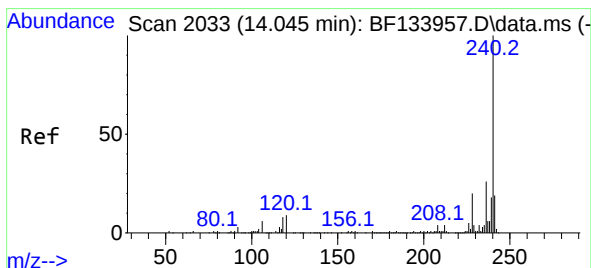
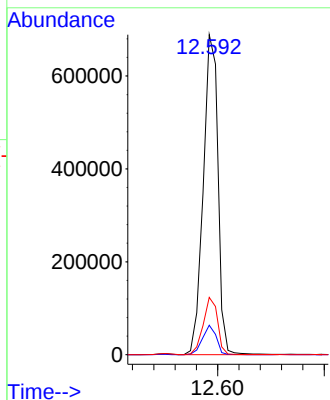
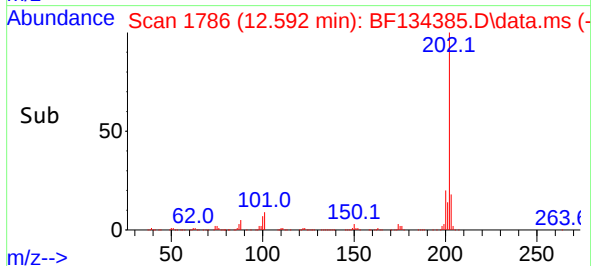


Tgt Ion:202 Resp: 663228
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.0
203 17.9 0.0 37.6

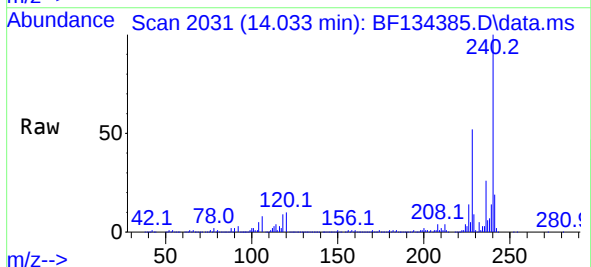
Manual Integrations

APPROVED

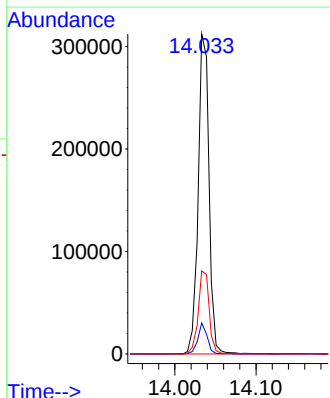
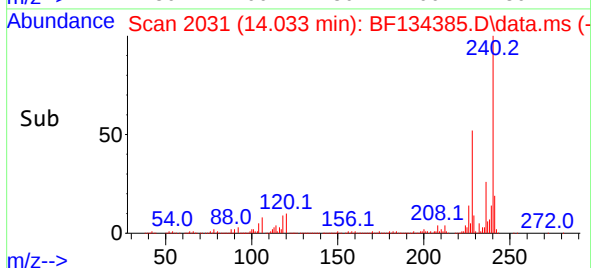
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

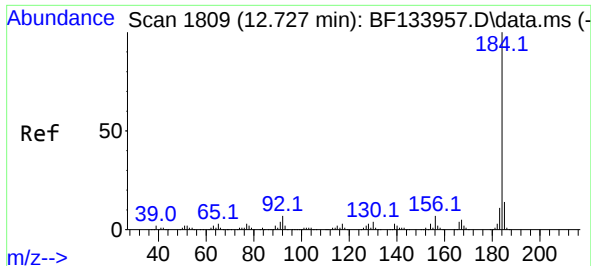


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



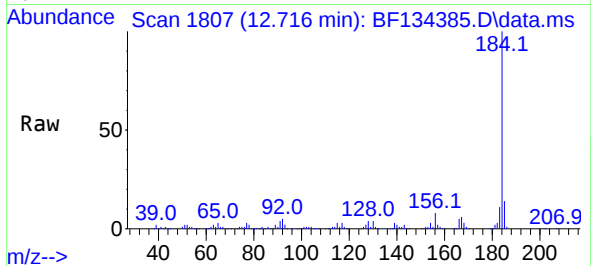
Tgt Ion:240 Resp: 291030
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.0 21.0 31.6





#77
Benzidine
Concen: 23.048 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

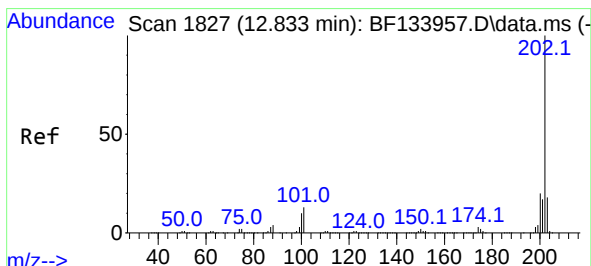
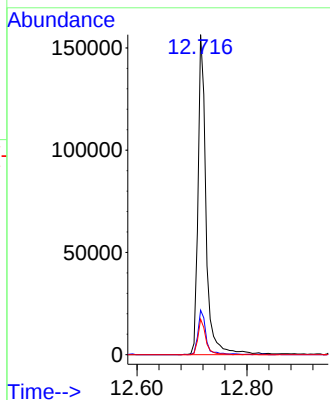
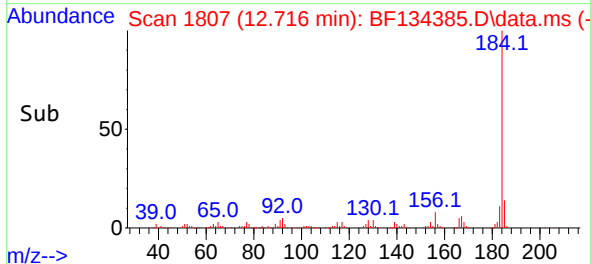
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



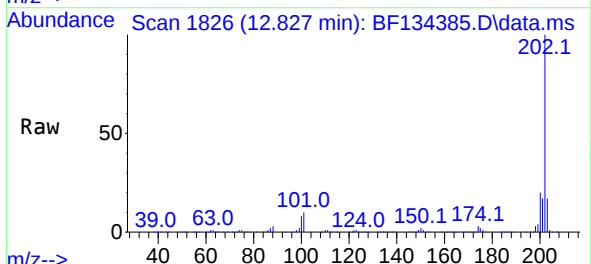
Tgt Ion:184 Resp: 15960
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 11.1 8.8 13.2

Manual Integrations
APPROVED

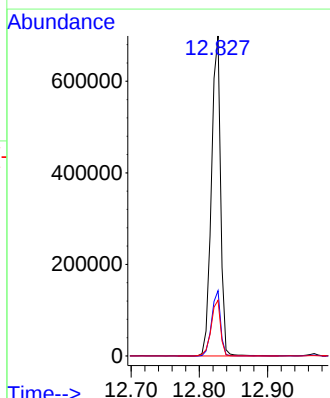
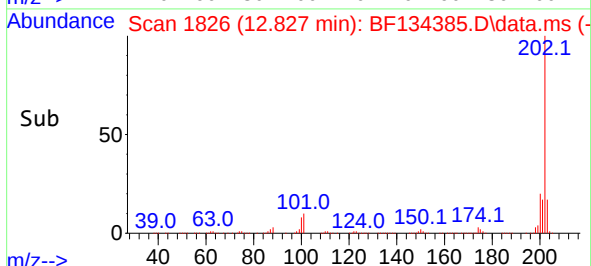
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

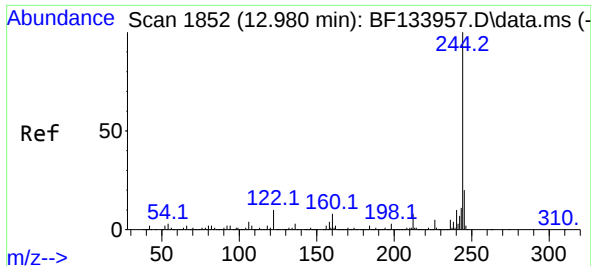


#78
Pyrene
Concen: 24.169 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



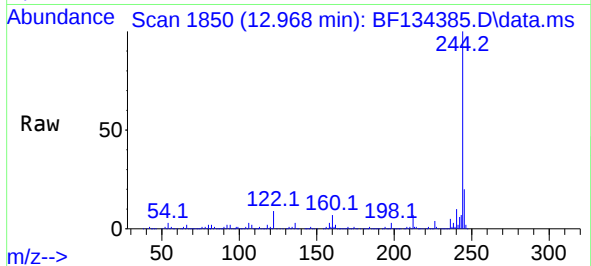
Tgt Ion:202 Resp: 654607
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.4 14.3 21.5





#79
Terphenyl-d14
Concen: 57.657 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

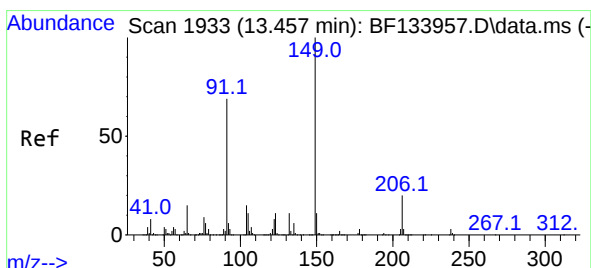
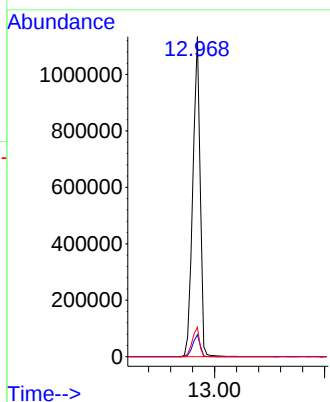
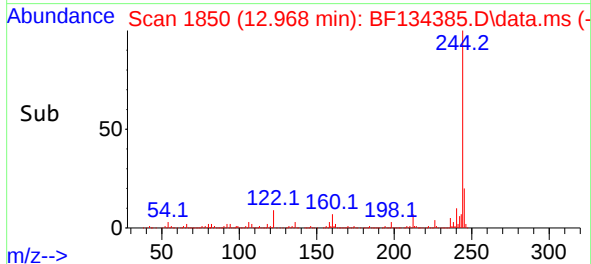
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



Tgt Ion:244 Resp: 1042609
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.2 8.3 12.5

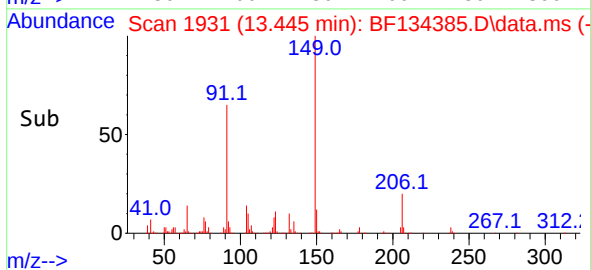
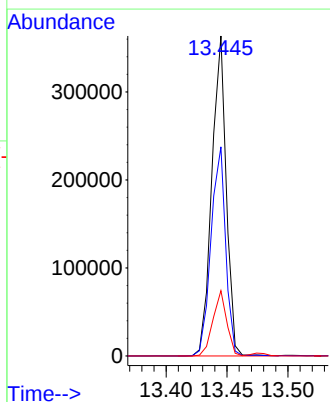
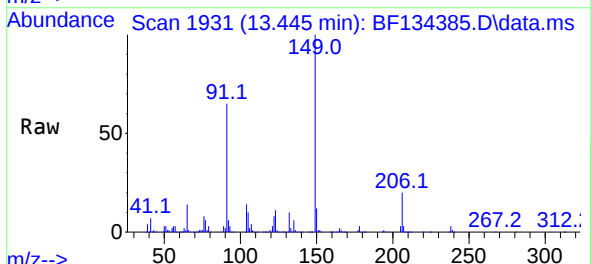
Manual Integrations
APPROVED

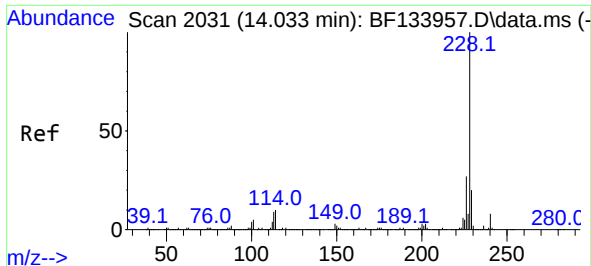
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#80
Butylbenzylphthalate
Concen: 29.594 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:149 Resp: 300614
Ion Ratio Lower Upper
149 100
91 65.4 55.1 82.7
206 20.4 15.7 23.5





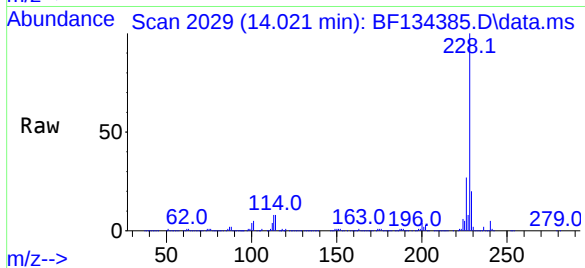
#81
Benzo(a)anthracene
Concen: 24.069 ng
RT: 14.021 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

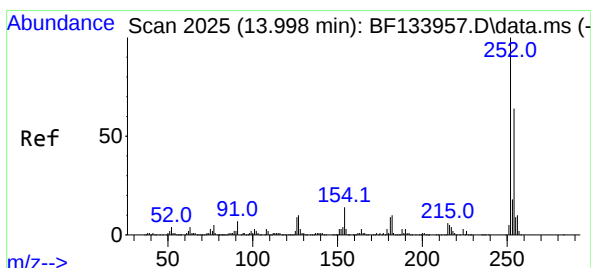
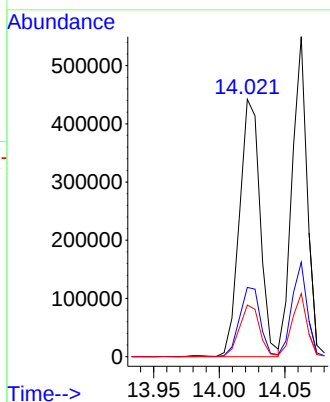
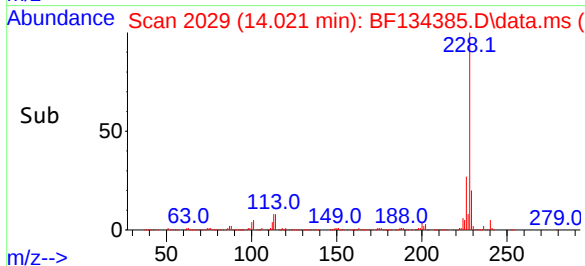


Tgt Ion:228 Resp: 485799
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 20.1 16.3 24.5

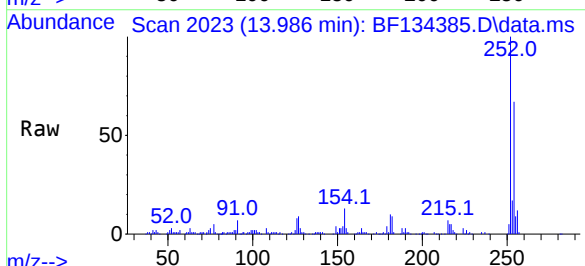
Manual Integrations

APPROVED

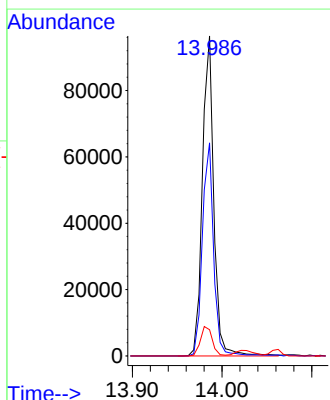
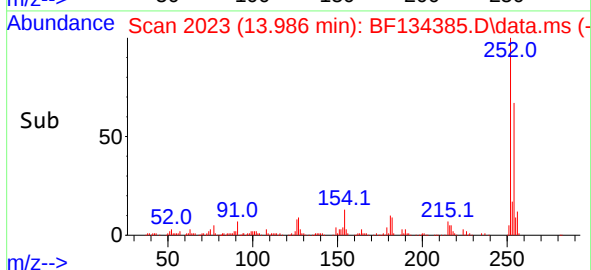
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

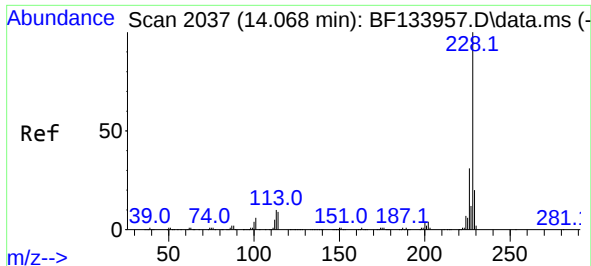


#82
3,3'-Dichlorobenzidine
Concen: 13.315 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:252 Resp: 85145
Ion Ratio Lower Upper
252 100
254 66.6 51.4 77.0
126 8.2 7.4 11.2





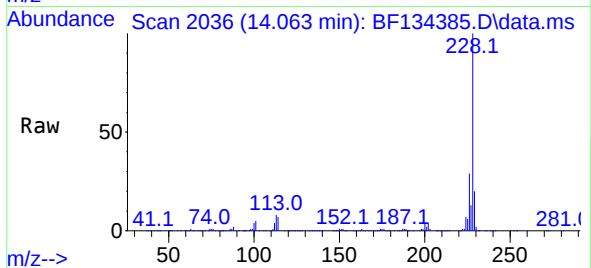
#83
Chrysene
Concen: 22.744 ng
RT: 14.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

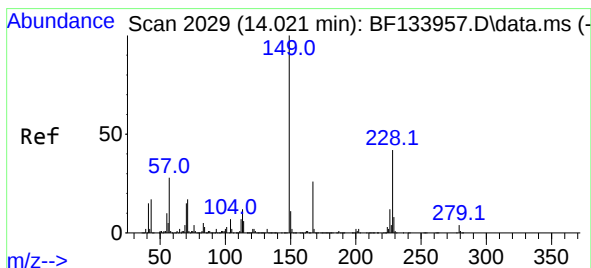
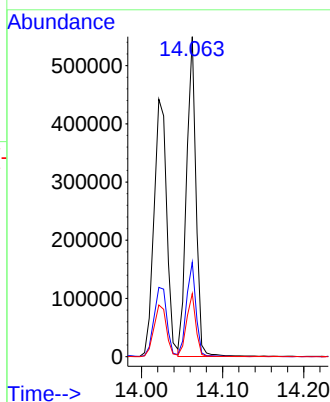
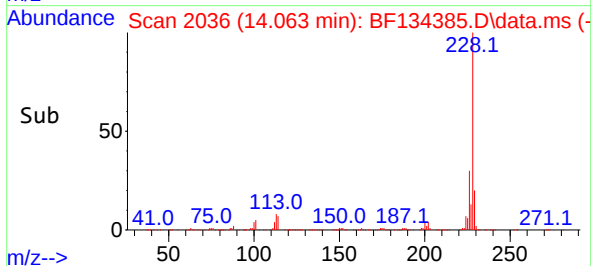


Tgt Ion:228 Resp: 444632
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 19.7 16.1 24.1

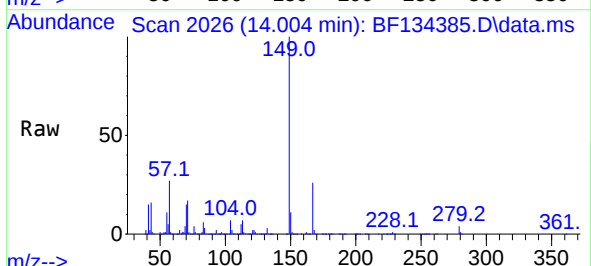
Manual Integrations

APPROVED

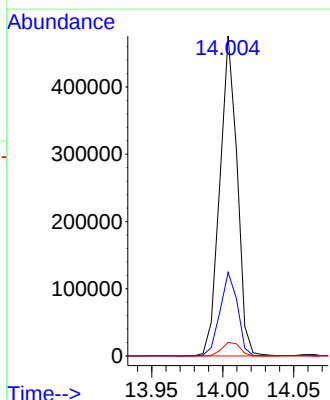
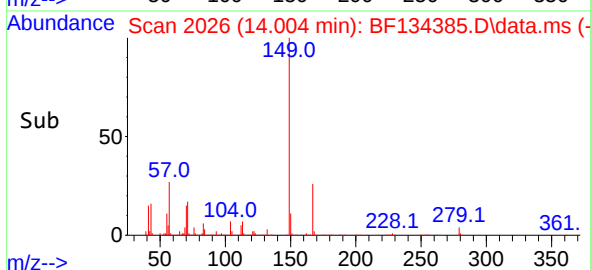
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

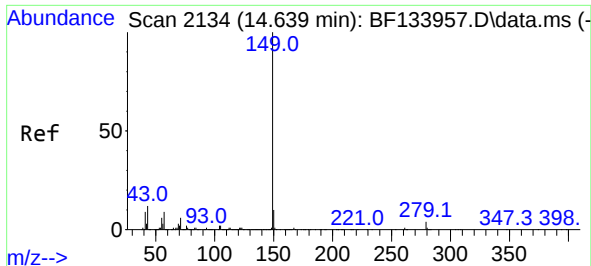


#84
Bis(2-ethylhexyl)phthalate
Concen: 34.550 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



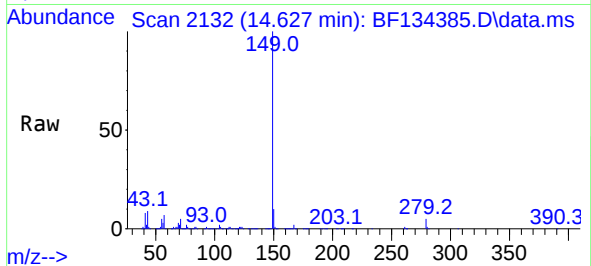
Tgt Ion:149 Resp: 403272
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 34.753 ng
RT: 14.627 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

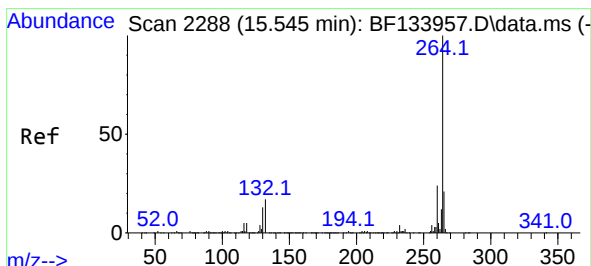
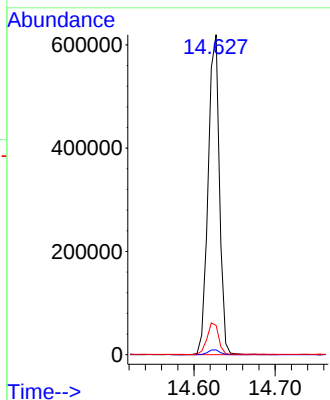
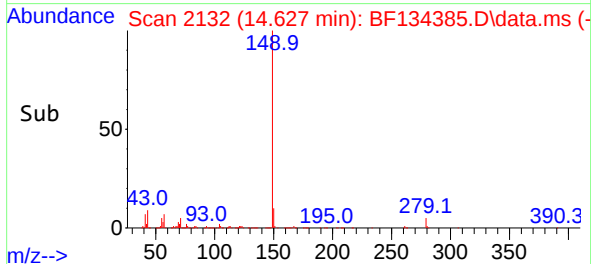
Instrument :
BNA_F
ClientSampleId :
RBR200018MSD



Tgt Ion:149 Resp: 596024
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 9.0 13.4

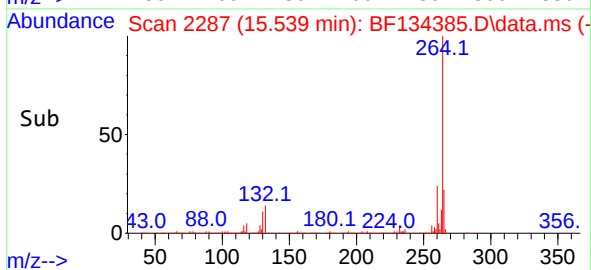
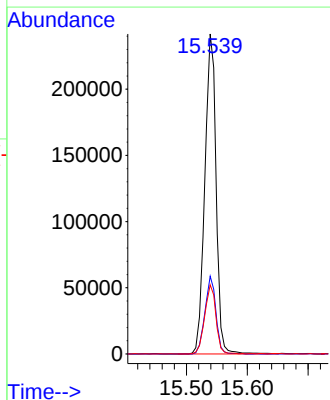
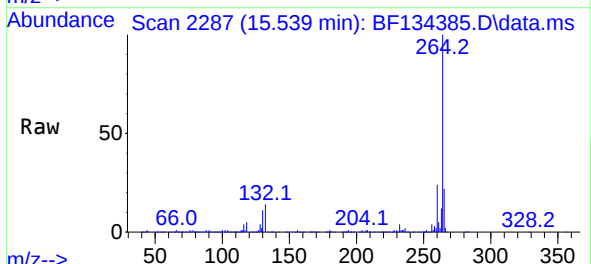
Manual Integrations
APPROVED

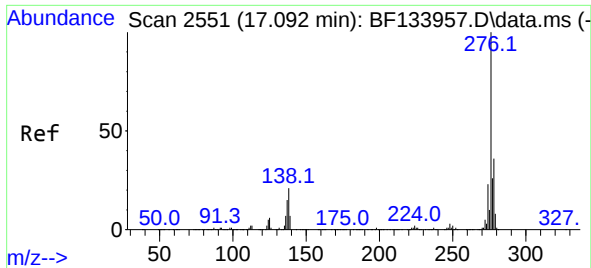
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:264 Resp: 311423
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.6 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 25.175 ng
RT: 17.098 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

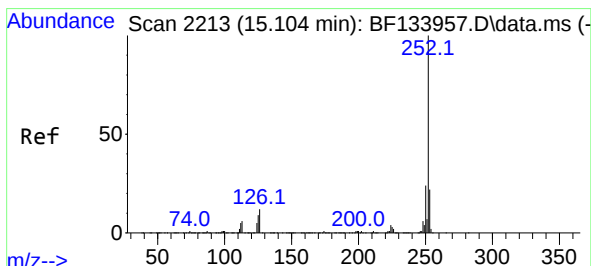
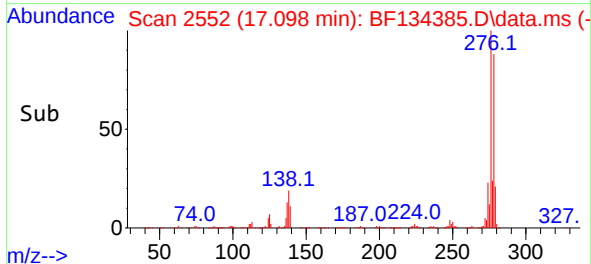
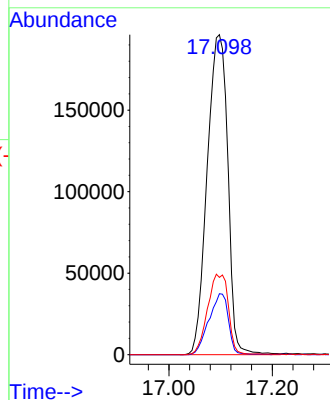
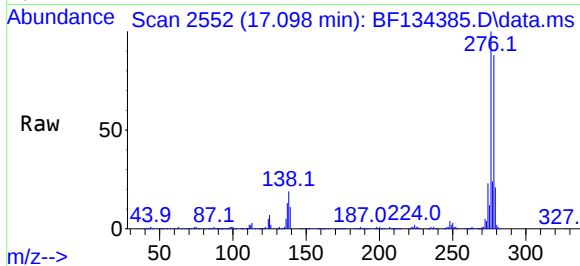
RBR200018MSD

Tgt Ion:276 Resp: 544020
Ion Ratio Lower Upper
276 100
138 18.0 18.7 28.1
277 25.2 19.9 29.9

Manual Integrations

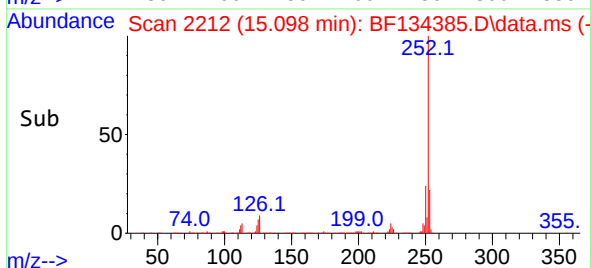
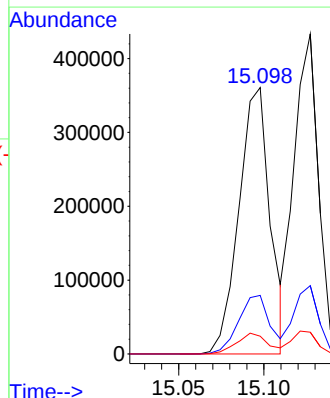
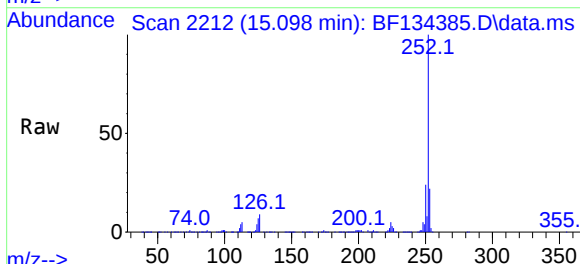
APPROVED

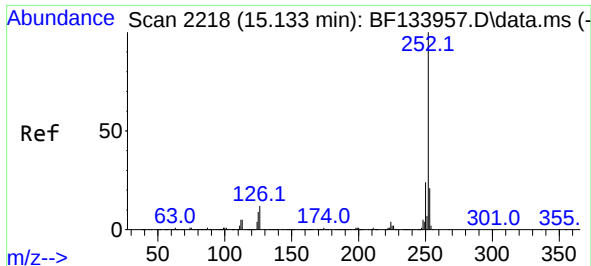
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#88
Benzo(b)fluoranthene
Concen: 25.071 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Tgt Ion:252 Resp: 459096
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 6.7 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 23.430 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD

Tgt Ion:252 Resp: 43683

Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

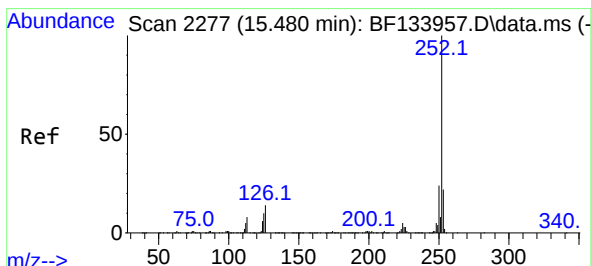
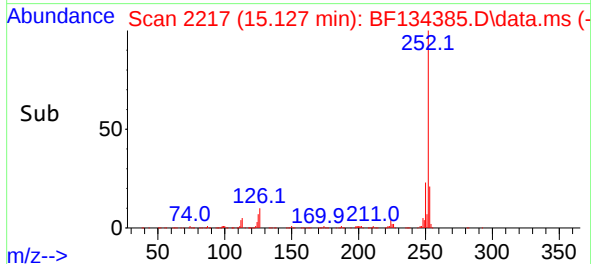
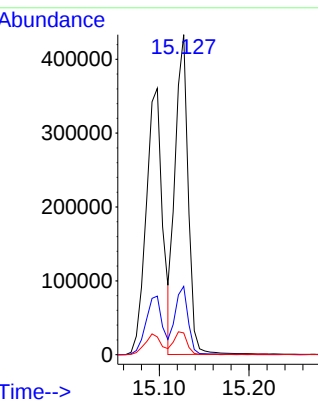
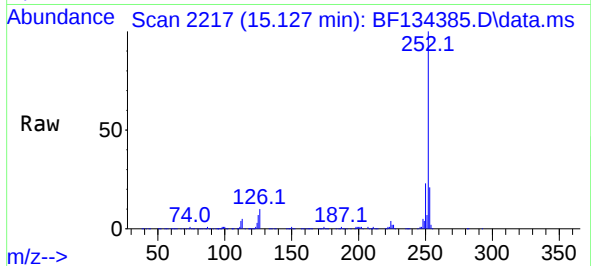
125 6.8 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#90

Benzo(a)pyrene

Concen: 22.897 ng

RT: 15.474 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BF134385.D

Acq: 20 Jul 2023 17:05

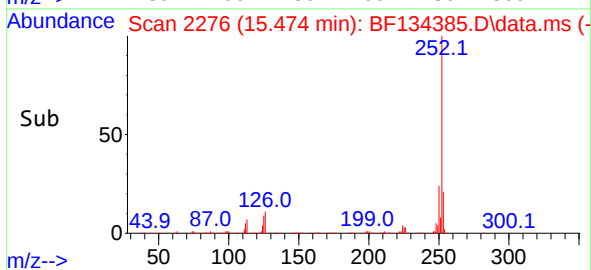
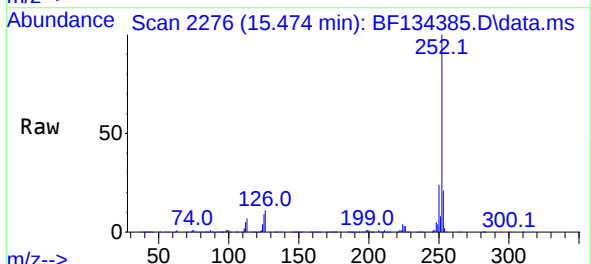
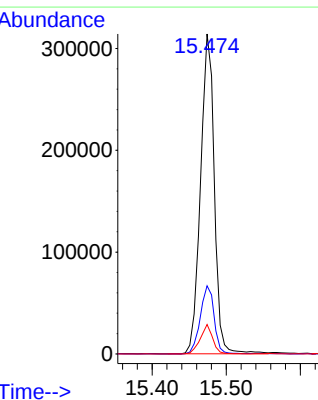
Tgt Ion:252 Resp: 405442

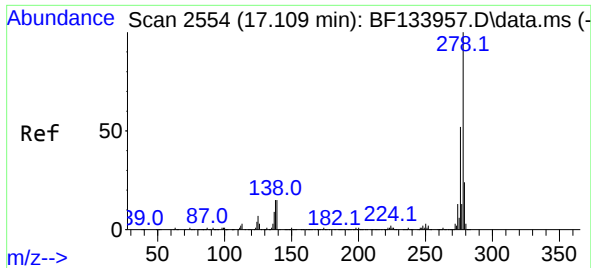
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.2 8.4 12.6





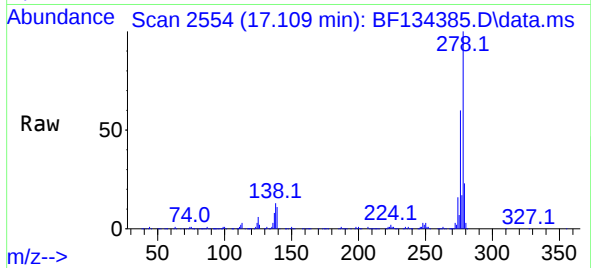
#91
Dibenzo(a,h)anthracene
Concen: 26.136 ng
RT: 17.109 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05

Instrument :

BNA_F

ClientSampleId :

RBR200018MSD



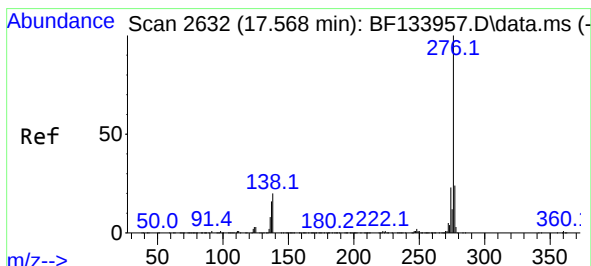
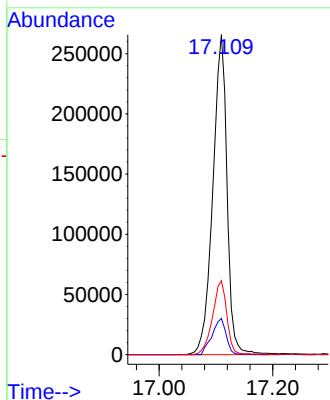
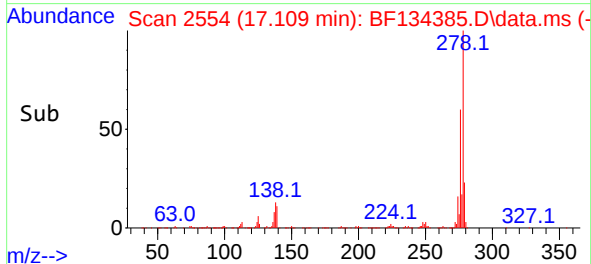
Tgt Ion:278 Resp: 461318
Ion Ratio Lower Upper
278 100
139 11.3 12.2 18.4
279 23.1 19.4 29.2

Manual Integrations

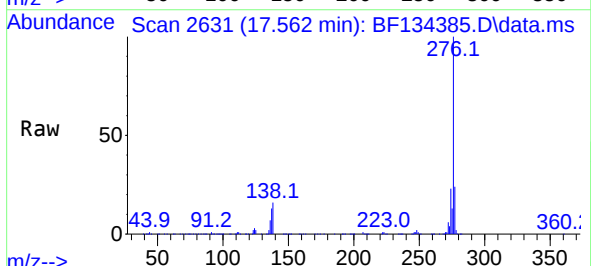
APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#92
Benzo(g,h,i)perylene
Concen: 22.829 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.006 min
Lab File: BF134385.D
Acq: 20 Jul 2023 17:05



Tgt Ion:276 Resp: 415523
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 16.2 16.2 24.2

