

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134055.D
 Acq On : 30 Jun 2023 16:27
 Operator : CG\JU
 Sample : PB153876BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153876BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jun 30 18:38:21 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	126924	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	499384	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	250850	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	488997	20.000	ng	0.00
76) Chrysene-d12	14.045	240	302381	20.000	ng	0.00
86) Perylene-d12	15.545	264	244558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	919552	121.190	ng	0.01
7) Phenol-d6	6.498	99	1103489	118.256	ng	0.00
23) Nitrobenzene-d5	7.416	82	779112	84.100	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	375521	119.397	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1407008	81.548	ng	0.00
79) Terphenyl-d14	12.980	244	1676157	89.213	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	109659	35.050	ng	99
3) Pyridine	3.522	79	288170	35.362	ng	98
4) n-Nitrosodimethylamine	3.481	42	204108	43.853	ng	95
6) Aniline	6.516	93	455612	40.124	ng	# 87
8) 2-Chlorophenol	6.640	128	347036	45.056	ng	97
9) Benzaldehyde	6.404	77	247788	52.553	ng	98
10) Phenol	6.510	94	403995	41.177	ng	# 74
11) bis(2-Chloroethyl)ether	6.587	93	315736	43.711	ng	99
12) 1,3-Dichlorobenzene	6.792	146	370102	45.070	ng	98
13) 1,4-Dichlorobenzene	6.869	146	372719	44.938	ng	99
14) 1,2-Dichlorobenzene	7.016	146	355514	45.768	ng	99
15) Benzyl Alcohol	6.998	79	315531	43.863	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	545268	42.670	ng	98
17) 2-Methylphenol	7.110	107	286268	41.504	ng	96
18) Hexachloroethane	7.357	117	145467	47.300	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	245390	41.468	ng	99
20) 3+4-Methylphenols	7.263	107	335220	40.062	ng	95
22) Acetophenone	7.263	105	479097	42.184	ng	97
24) Nitrobenzene	7.434	77	386701	41.307	ng	94
25) Isophorone	7.675	82	682707	40.548	ng	99
26) 2-Nitrophenol	7.751	139	188968	42.078	ng	98
27) 2,4-Dimethylphenol	7.787	122	301373	42.395	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	394443	40.460	ng	99
29) 2,4-Dichlorophenol	7.992	162	289131	41.016	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	311546	42.832	ng	97
31) Naphthalene	8.151	128	975249	40.430	ng	99
32) Benzoic acid	7.922	122	214196	40.211	ng	98
33) 4-Chloroaniline	8.204	127	253175	24.536	ng	97
34) Hexachlorobutadiene	8.263	225	199086	43.391	ng	99
35) Caprolactam	8.586	113	94183m	40.578	ng	
36) 4-Chloro-3-methylphenol	8.686	107	327382	41.341	ng	93
37) 2-Methylnaphthalene	8.845	142	659015	38.634	ng	100
38) 1-Methylnaphthalene	8.945	142	607561	38.313	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	312575	42.059	ng	98
41) Hexachlorocyclopentadiene	8.998	237	386996	109.761	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	206296	40.777	ng	96

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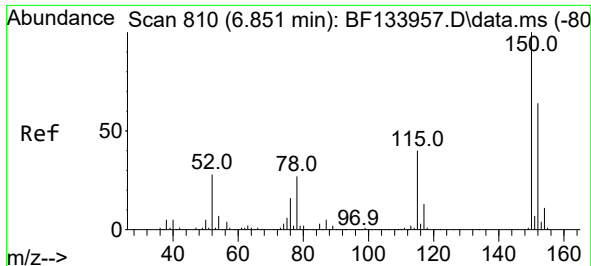
Manual Integrations
 APPROVED

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

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

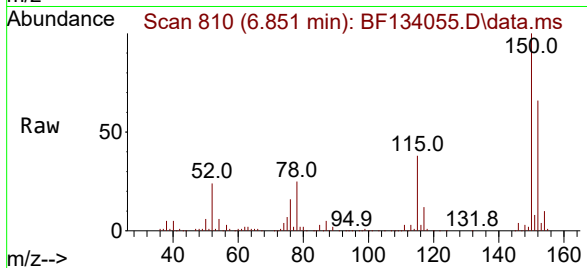
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	232115	39.004	ng	96
46) 1,1'-Biphenyl	9.310	154	821198	40.810	ng	99
47) 2-Chloronaphthalene	9.339	162	610347	41.456	ng	99
48) 2-Nitroaniline	9.433	65	217726	40.578	ng	98
49) Acenaphthylene	9.751	152	1010709	40.187	ng	99
50) Dimethylphthalate	9.616	163	739769	40.626	ng	99
51) 2,6-Dinitrotoluene	9.681	165	162750	41.497	ng	91
52) Acenaphthene	9.928	154	594802	40.758	ng	99
53) 3-Nitroaniline	9.851	138	145749	30.977	ng	95
54) 2,4-Dinitrophenol	9.963	184	194120	85.430	ng	92
55) Dibenzofuran	10.098	168	902714	39.580	ng	98
56) 4-Nitrophenol	10.022	139	266248	80.898	ng	93
57) 2,4-Dinitrotoluene	10.092	165	207829	40.125	ng	92
58) Fluorene	10.445	166	712355	40.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	198017	42.184	ng	99
60) Diethylphthalate	10.316	149	782331	41.238	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	341953	39.990	ng	99
62) 4-Nitroaniline	10.475	138	182325	38.451	ng	94
63) Azobenzene	10.598	77	728422	40.591	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	124005	46.514	ng	80
66) n-Nitrosodiphenylamine	10.557	169	642470	41.122	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	217430	41.834	ng	97
68) Hexachlorobenzene	10.992	284	245938	44.566	ng	98
69) Atrazine	11.086	200	211622	48.968	ng	97
70) Pentachlorophenol	11.192	266	251816	76.317	ng	97
71) Phenanthrene	11.410	178	1012694	41.138	ng	99
72) Anthracene	11.463	178	1042635	40.721	ng	100
73) Carbazole	11.622	167	975252	41.614	ng	99
74) Di-n-butylphthalate	11.945	149	1218053	43.705	ng	99
75) Fluoranthene	12.604	202	1111310	41.758	ng	99
77) Benzidine	12.733	184	740804	102.962	ng	98
78) Pyrene	12.839	202	1125933	40.011	ng	99
80) Butylbenzylphthalate	13.457	149	475106	45.016	ng	99
81) Benzo(a)anthracene	14.033	228	867182	41.352	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	232741	35.031	ng	98
83) Chrysene	14.074	228	799495	39.362	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	576176	47.511	ng	99
85) Di-n-octyl phthalate	14.639	149	795028	44.616	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	731605	43.112	ng	98
88) Benzo(b)fluoranthene	15.104	252	675778	46.994	ng	100
89) Benzo(k)fluoranthene	15.139	252	627629	42.867	ng	99
90) Benzo(a)pyrene	15.486	252	559954	40.269	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	599754	43.270	ng	97
92) Benzo(g,h,i)perylene	17.580	276	602719	42.166	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

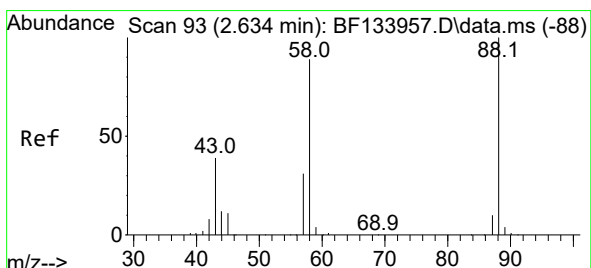
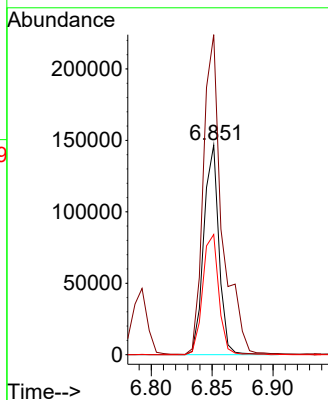
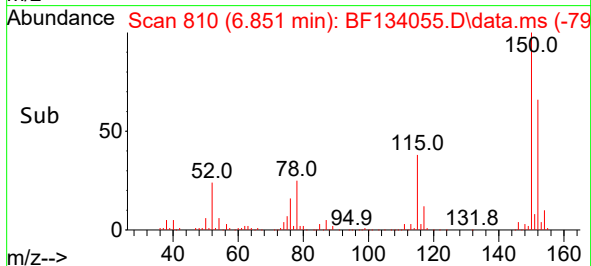
Instrument :
BNA_F
ClientSampleId :
PB153876BS



Tgt Ion:152 Resp: 126924
Ion Ratio Lower Upper
152 100
150 152.6 124.5 186.7
115 57.3 50.2 75.2

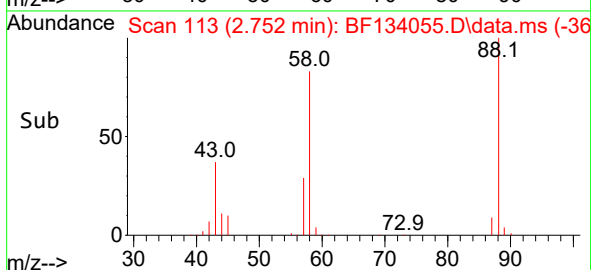
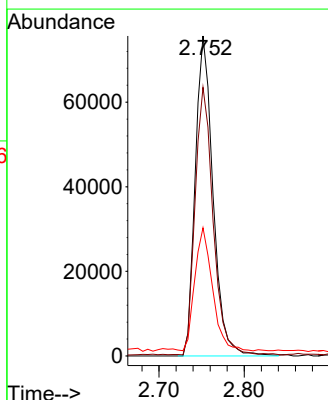
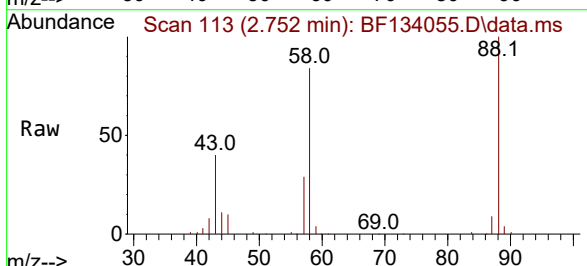
Manual Integrations
APPROVED

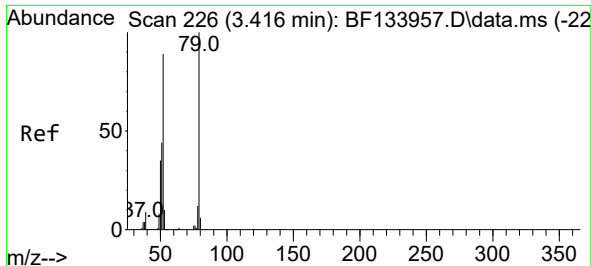
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#2
1,4-Dioxane
Concen: 35.050 ng
RT: 2.752 min Scan# 113
Delta R.T. 0.106 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

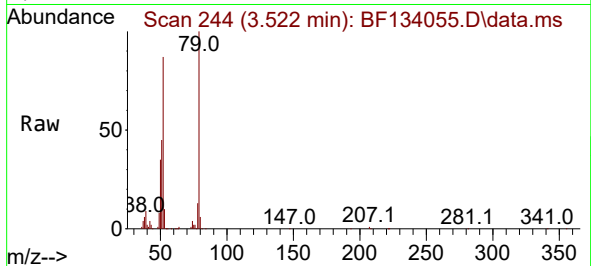
Tgt Ion: 88 Resp: 109659
Ion Ratio Lower Upper
88 100
58 84.3 68.8 103.2
43 38.5 30.7 46.1





#3
Pyridine
Concen: 35.362 ng
RT: 3.522 min Scan# 244
Delta R.T. 0.088 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

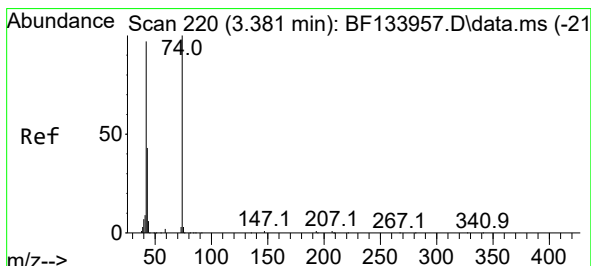
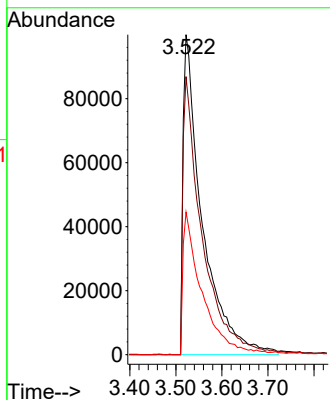
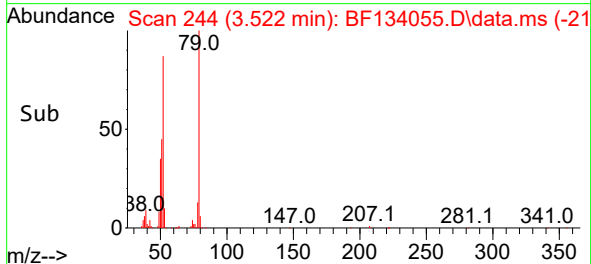
Instrument :
BNA_F
ClientSampleId :
PB153876BS



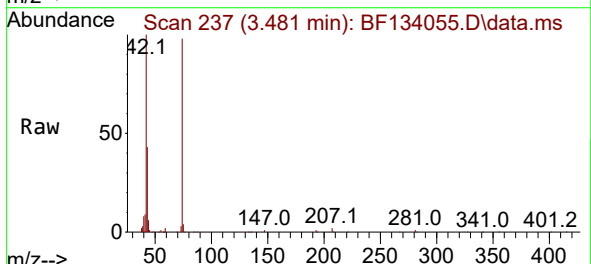
Tgt Ion: 79 Resp: 288170
Ion Ratio Lower Upper
79 100
52 86.9 71.1 106.7
51 44.6 35.2 52.8

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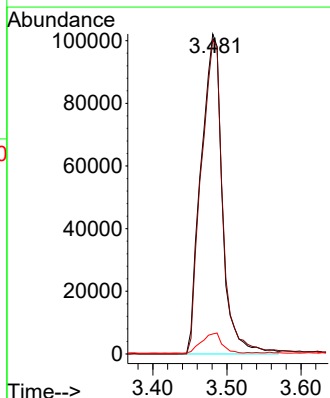
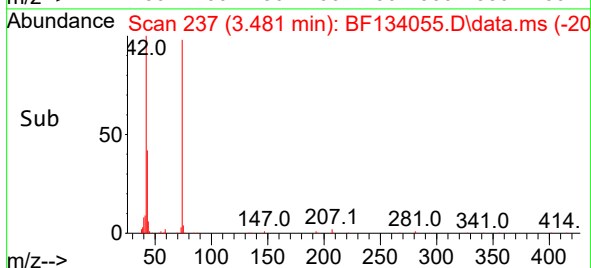
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

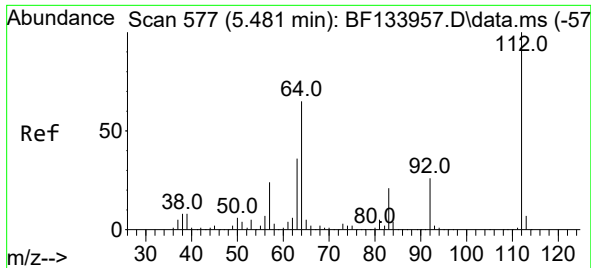


#4
n-Nitrosodimethylamine
Concen: 43.853 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.076 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



Tgt Ion: 42 Resp: 204108
Ion Ratio Lower Upper
42 100
74 98.1 82.4 123.6
44 6.3 4.9 7.3





#5
2-Fluorophenol
Concen: 121.190 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

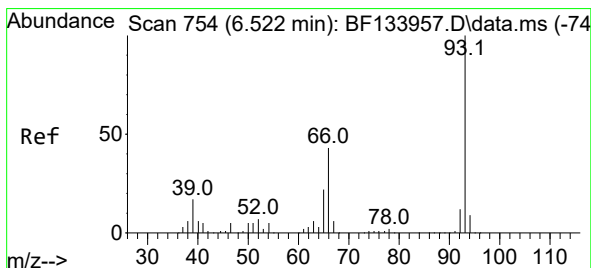
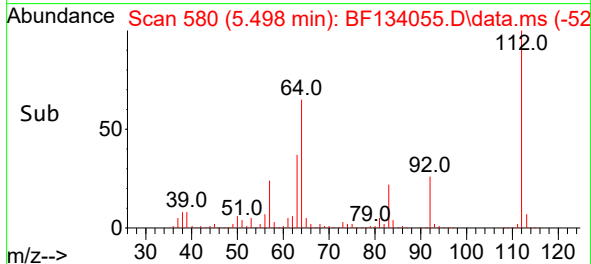
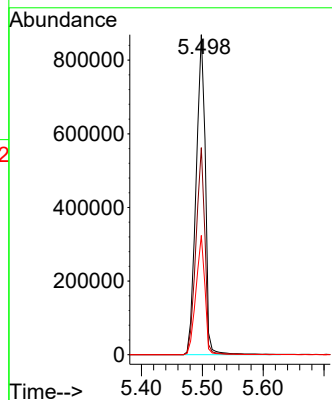
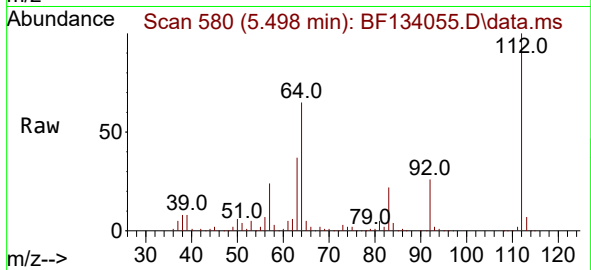
PB153876BS

Tgt Ion:112 Resp: 919552
Ion Ratio Lower Upper
112 100
64 64.7 52.1 78.1
63 37.2 28.6 42.8

Manual Integrations

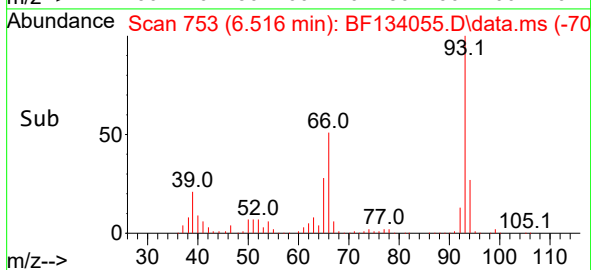
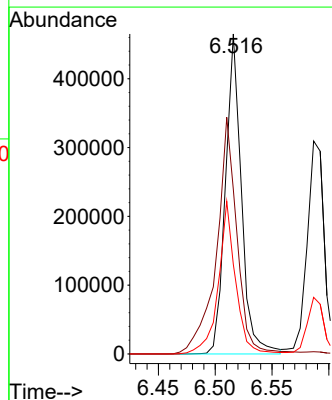
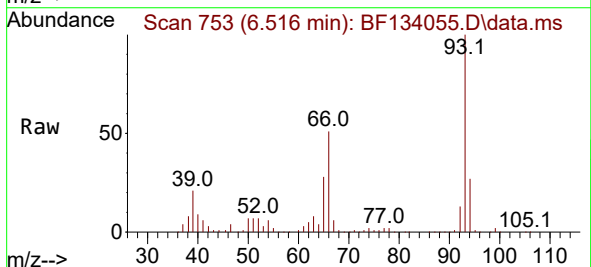
APPROVED

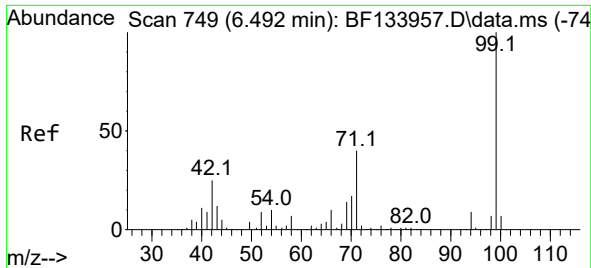
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#6
Aniline
Concen: 40.124 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

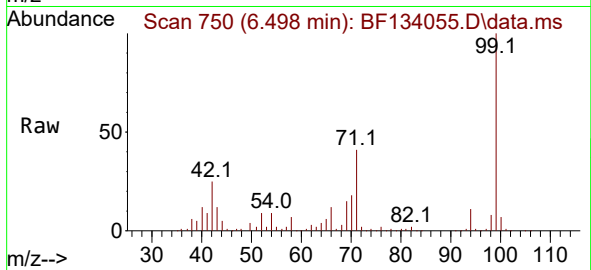
Tgt Ion: 93 Resp: 455612
Ion Ratio Lower Upper
93 100
66 51.4 34.5 51.7
65 28.0 17.8 26.6#





#7
Phenol-d6
Concen: 118.256 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

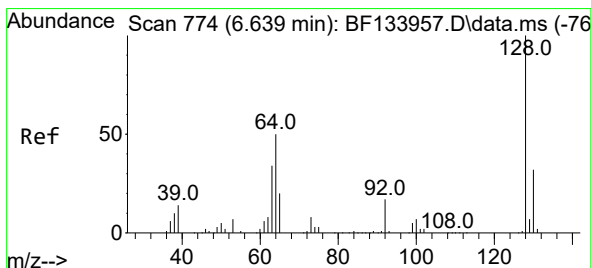
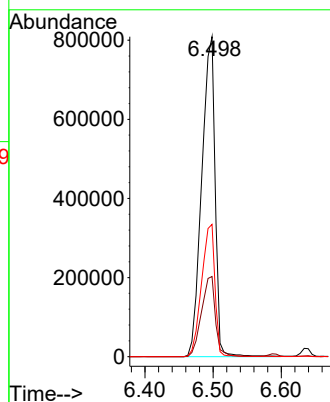
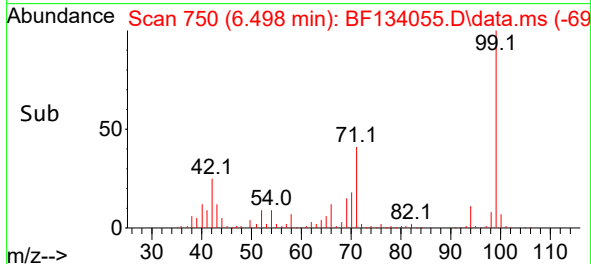
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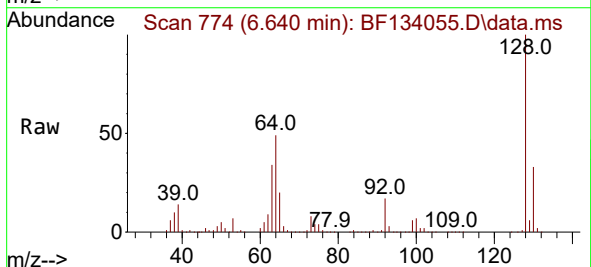
Tgt Ion: 99 Resp: 1103489
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 41.3 31.9 47.9

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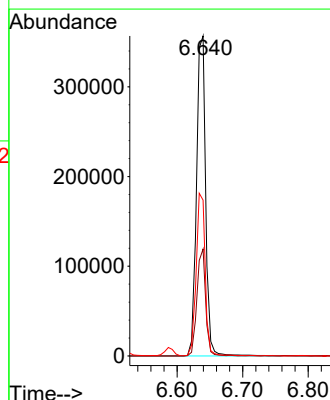
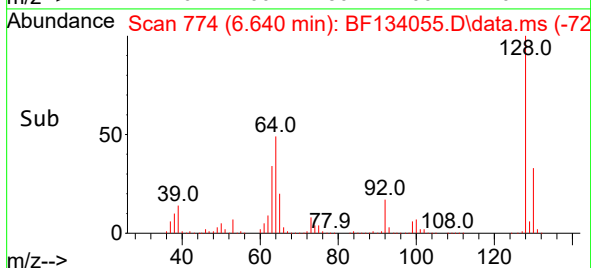
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

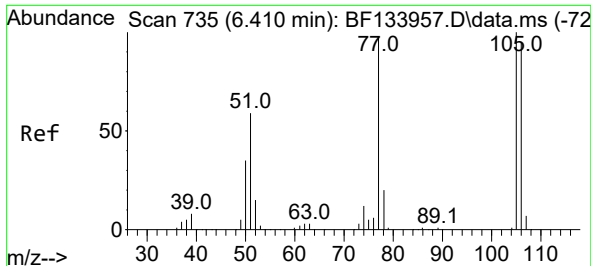


#8
2-Chlorophenol
Concen: 45.056 ng
RT: 6.640 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



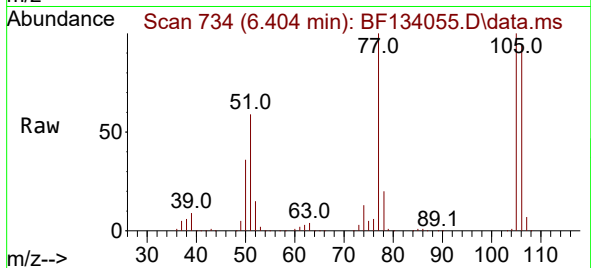
Tgt Ion:128 Resp: 347036
Ion Ratio Lower Upper
128 100
130 33.4 11.7 51.7
64 48.7 31.3 71.3





#9
Benzaldehyde
Concen: 52.553 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

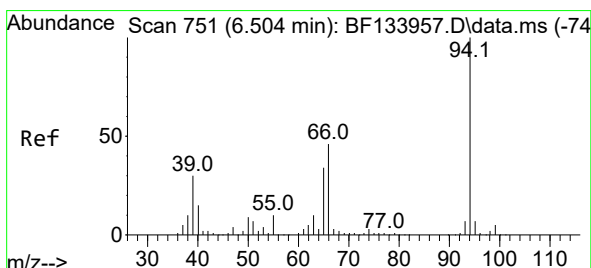
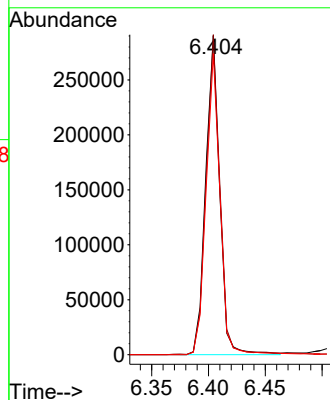
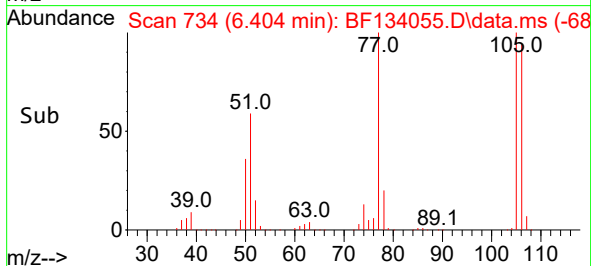
Instrument :
BNA_F
ClientSampleId :
PB153876BS



Tgt Ion: 77 Resp: 247788
Ion Ratio Lower Upper
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105 100.3 82.0 122.0
106 94.4 76.9 116.9

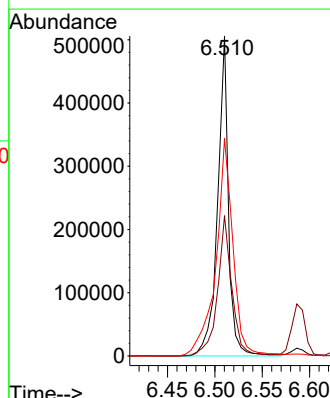
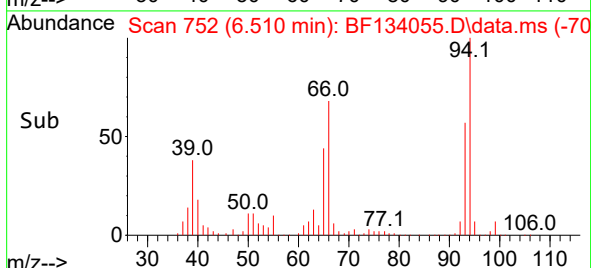
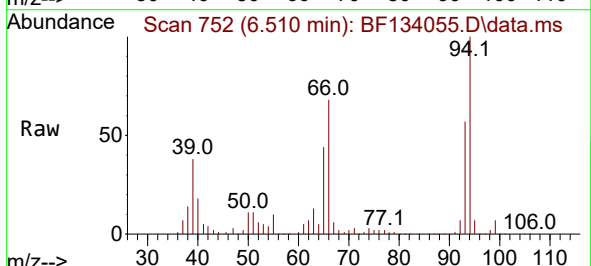
Manual Integrations
APPROVED

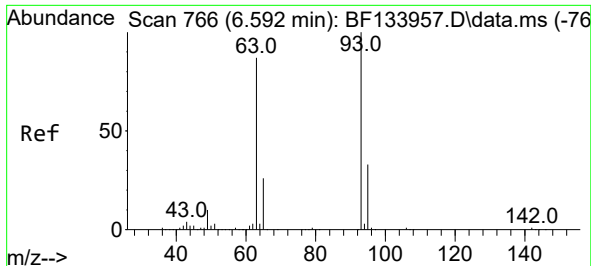
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#10
Phenol
Concen: 41.177 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion: 94 Resp: 403995
Ion Ratio Lower Upper
94 100
65 43.8 14.2 54.2
66 68.0 26.4 66.4#





#11
bis(2-Chloroethyl)ether
Concen: 43.711 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

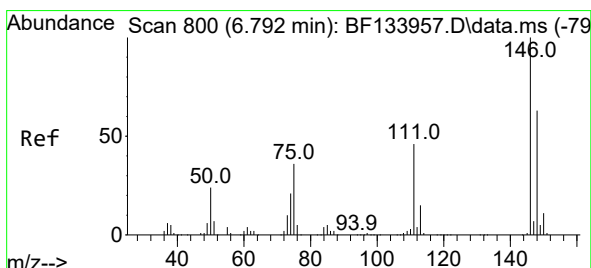
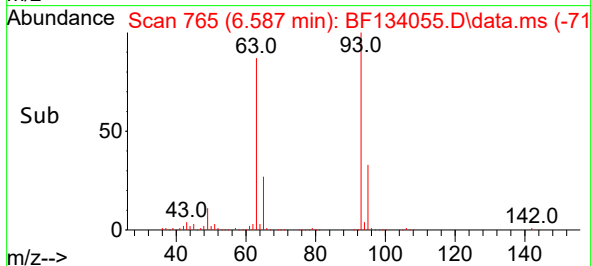
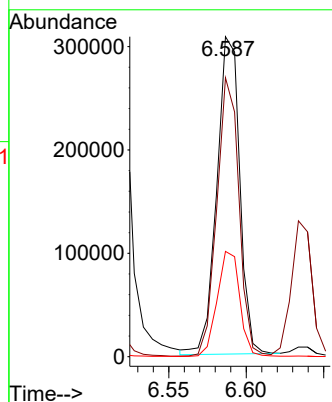
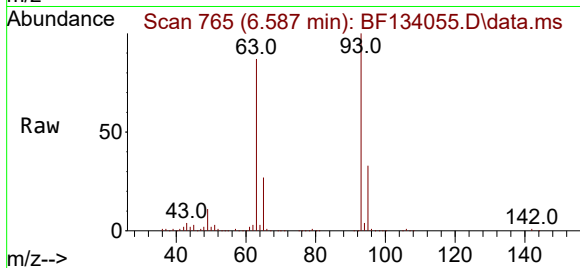
ClientSampleId :

PB153876BS

Tgt Ion: 93 Resp: 315730
Ion Ratio Lower Upper
93 100
63 87.1 66.5 106.5
95 32.9 12.9 52.9

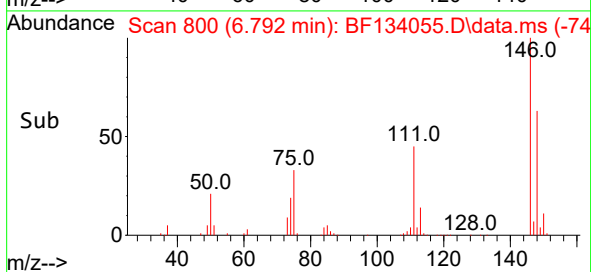
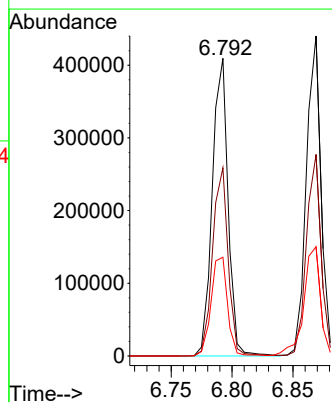
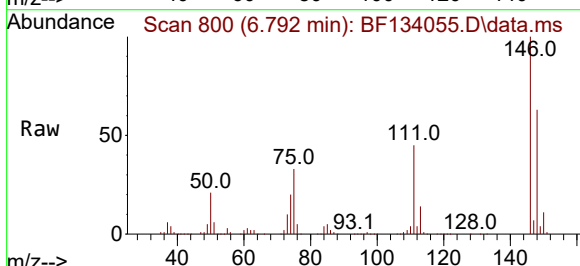
Manual Integrations
APPROVED

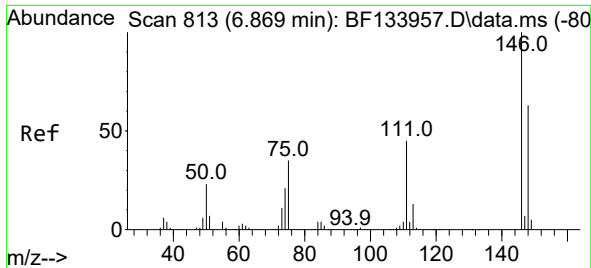
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#12
1,3-Dichlorobenzene
Concen: 45.070 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:146 Resp: 370102
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 33.1 29.0 43.6





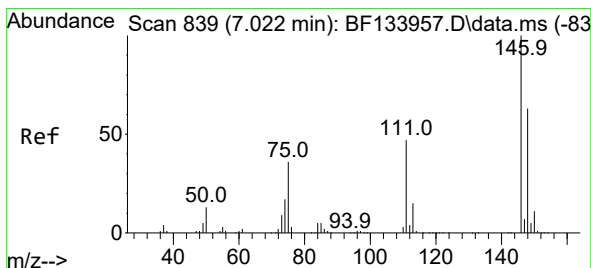
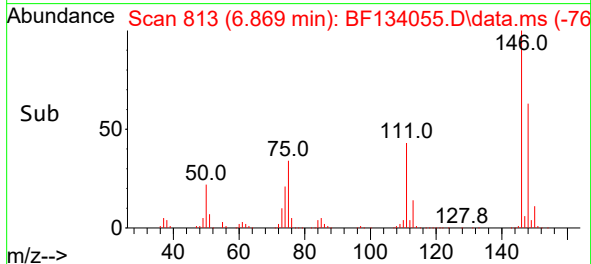
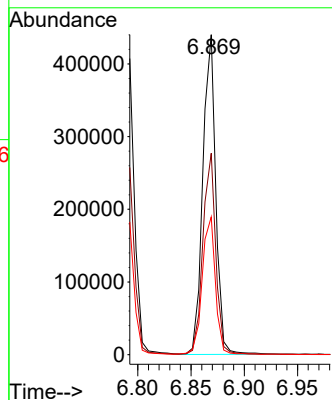
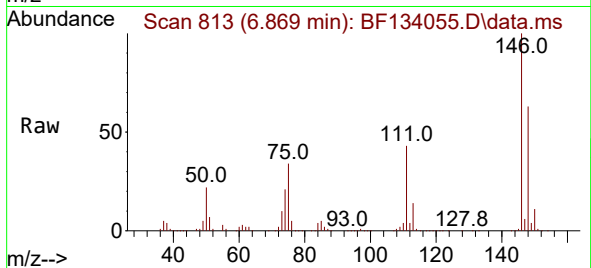
#13
1,4-Dichlorobenzene
Concen: 44.938 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :
BNA_F
ClientSampleId :
PB153876BS

Tgt Ion:146 Resp: 372719
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
111 43.1 35.8 53.6

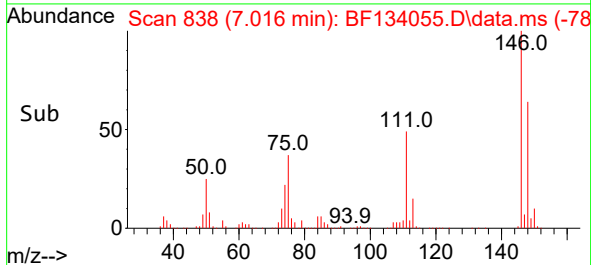
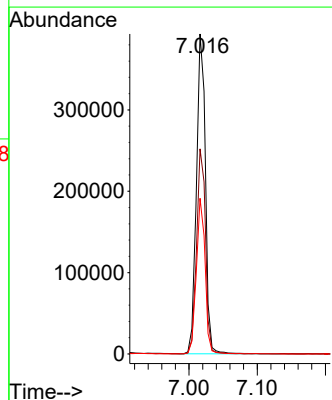
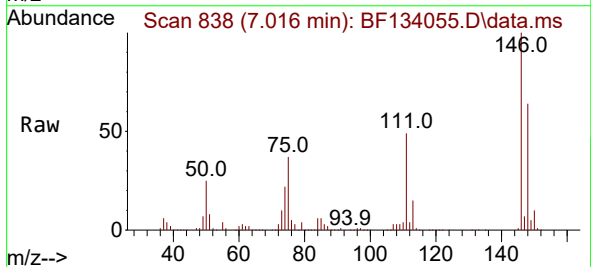
Manual Integrations
APPROVED

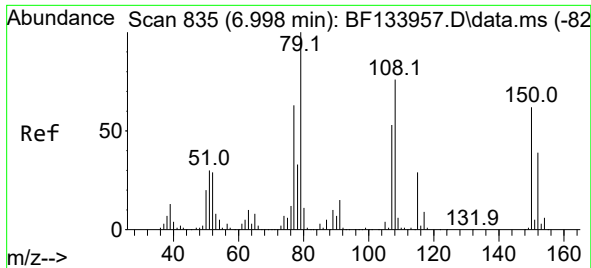
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#14
1,2-Dichlorobenzene
Concen: 45.768 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:146 Resp: 355514
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 48.6 38.0 57.0





#15
Benzyl Alcohol
Concen: 43.863 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

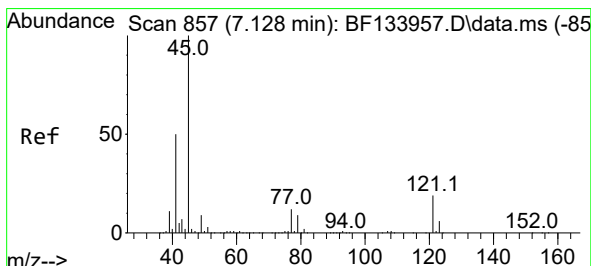
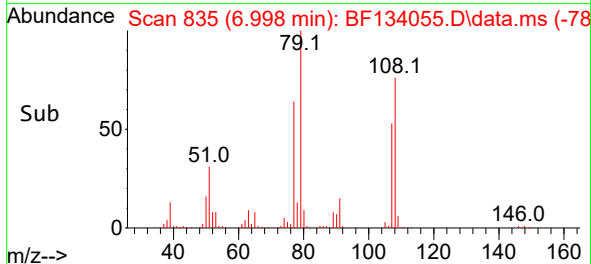
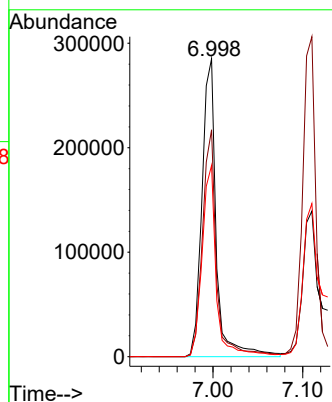
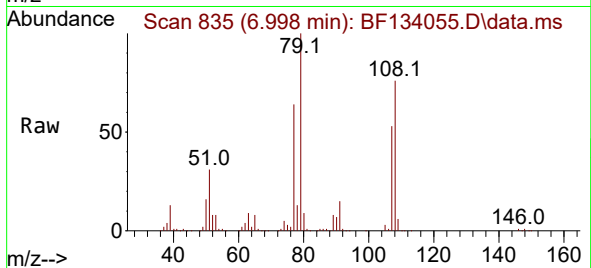
ClientSampleId :

PB153876BS

Tgt Ion: 79 Resp: 31553
Ion Ratio Lower Upper
79 100
108 76.2 60.7 91.1
77 64.2 50.6 75.8

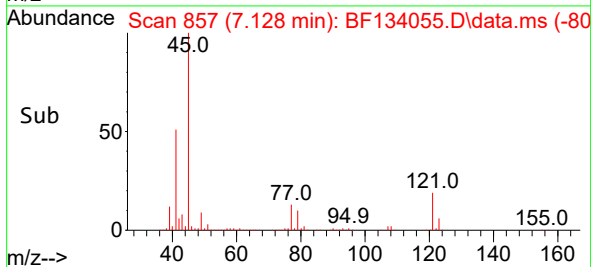
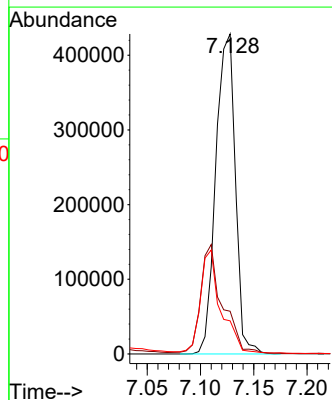
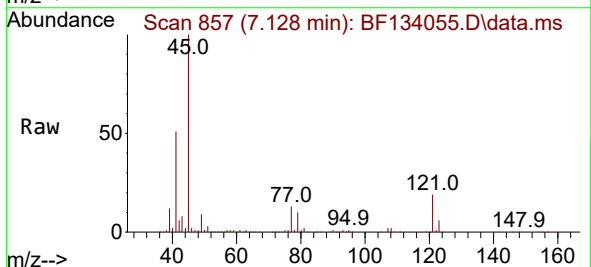
Manual Integrations
APPROVED

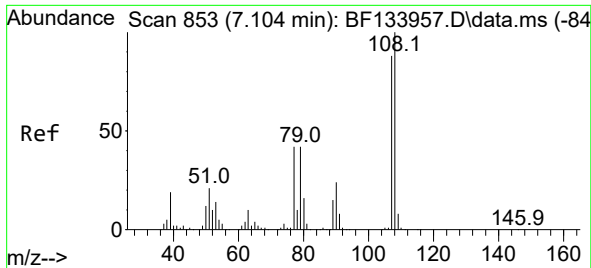
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.670 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion: 45 Resp: 545268
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.9
79 10.4 0.0 29.5





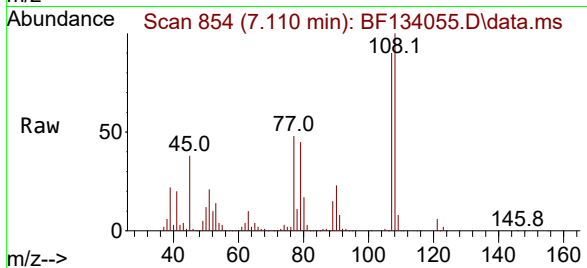
#17
2-Methylphenol
Concen: 41.504 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

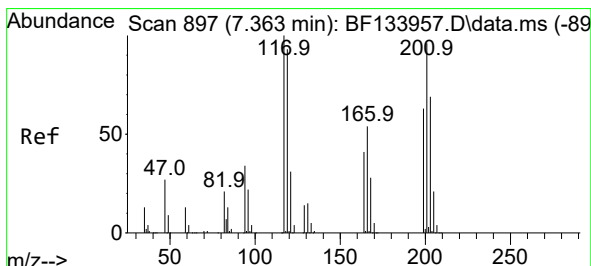
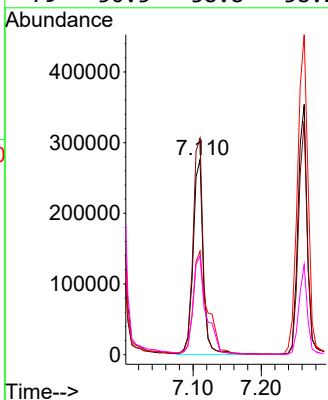
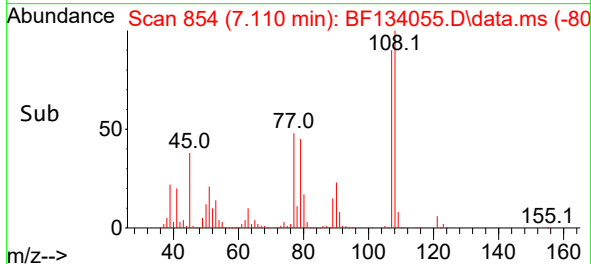


Tgt Ion:107 Resp: 286268
Ion Ratio Lower Upper
107 100
108 111.0 90.6 136.0
77 53.1 38.3 57.5
79 50.5 38.8 58.2

Manual Integrations

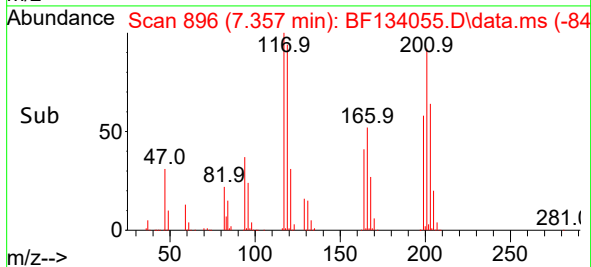
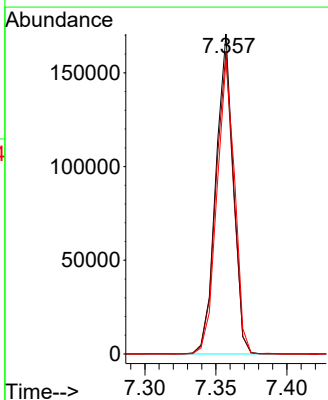
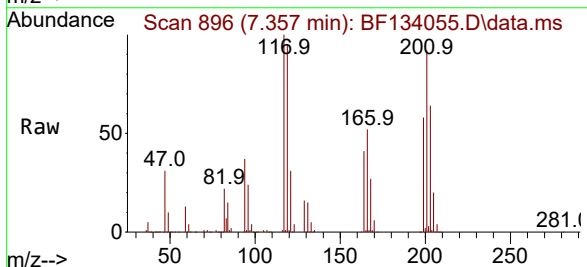
APPROVED

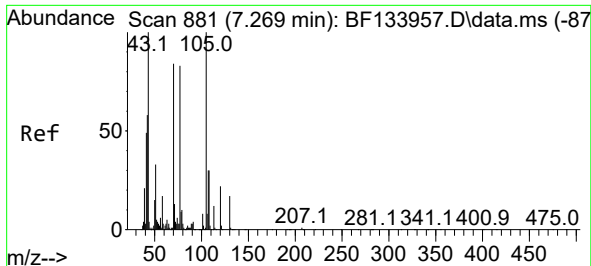
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#18
Hexachloroethane
Concen: 47.300 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:117 Resp: 145467
Ion Ratio Lower Upper
117 100
119 94.6 74.2 111.4
201 91.8 77.2 115.8





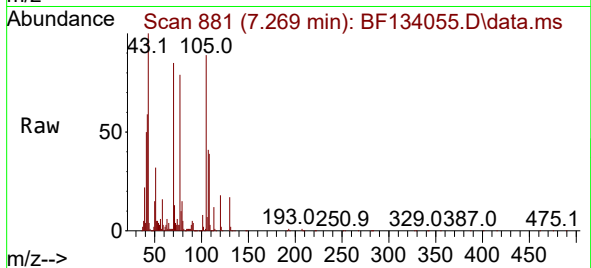
#19
n-Nitroso-di-n-propylamine
Concen: 41.468 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS



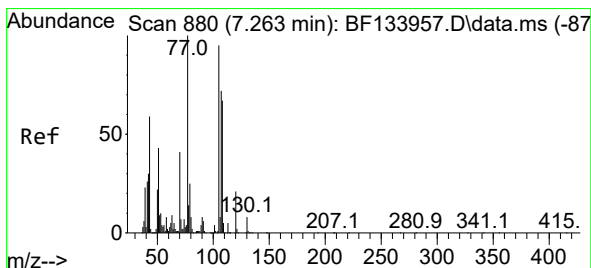
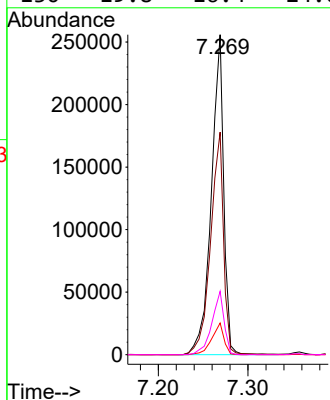
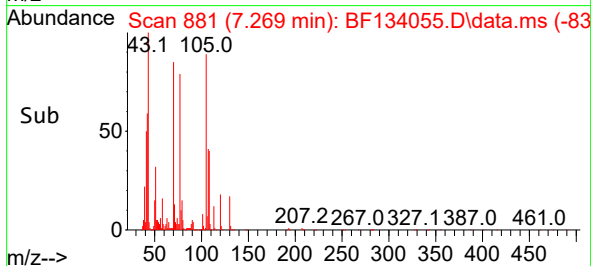
Tgt Ion: 70 Resp: 245390
Ion Ratio Lower Upper
70 100
42 69.6 54.7 82.1
101 9.9 7.7 11.5
130 19.8 16.4 24.6

Manual Integrations

APPROVED

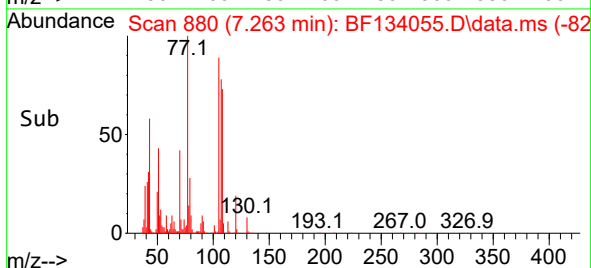
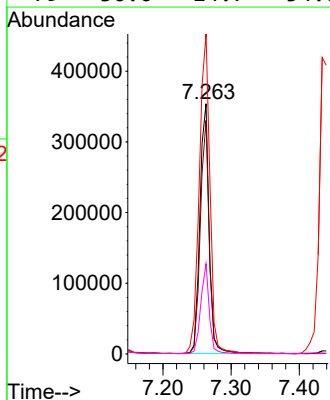
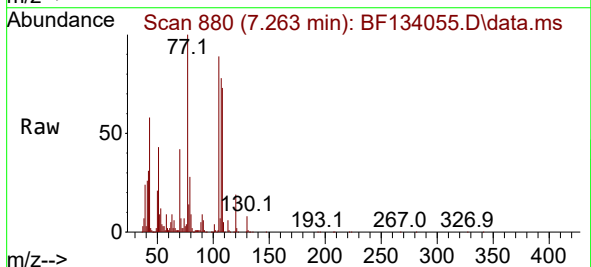
Reviewed By :Yogesh Patel 07/03/2023

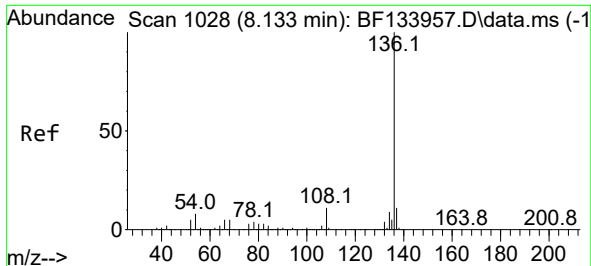
Supervised By :mohammad ahmed 07/07/2023



#20
3+4-Methylphenols
Concen: 40.062 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:107 Resp: 335220
Ion Ratio Lower Upper
107 100
108 93.3 73.2 113.2
77 127.9 118.3 158.3
79 36.0 14.7 54.7





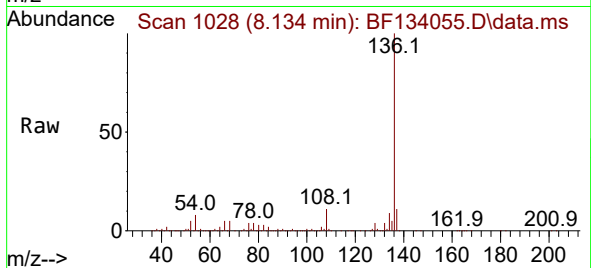
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS



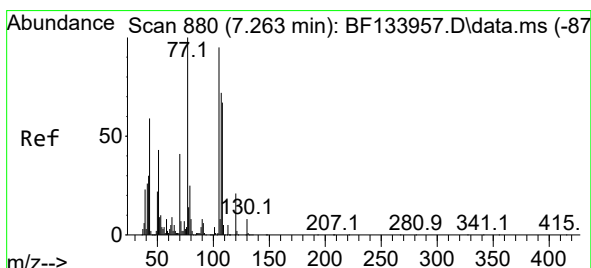
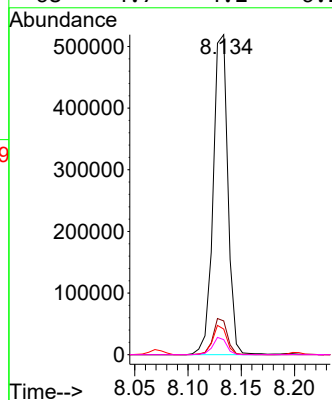
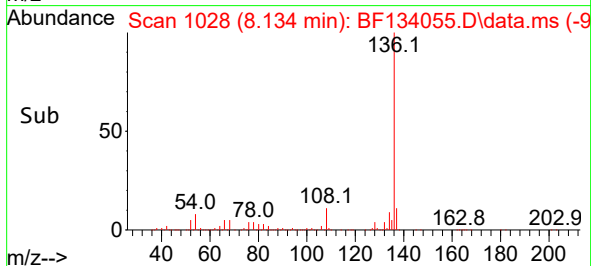
Tgt Ion:136 Resp: 499384
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.0 6.5 9.7
68 4.7 4.2 6.2

Manual Integrations

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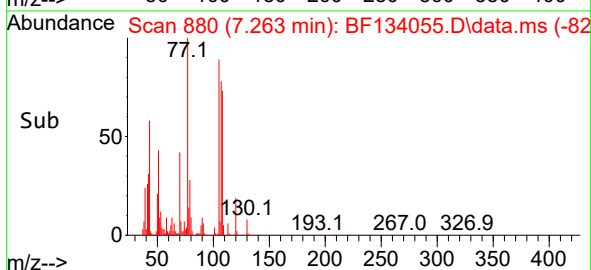
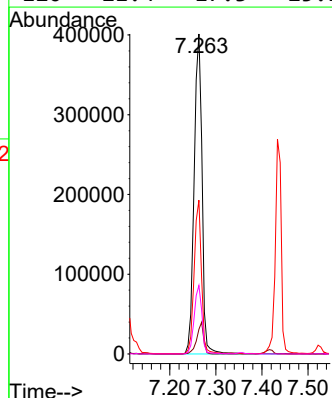
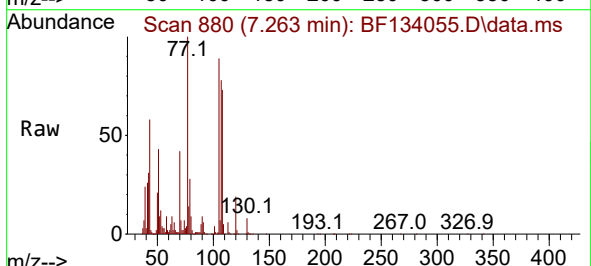
Reviewed By :Yogesh Patel 07/03/2023

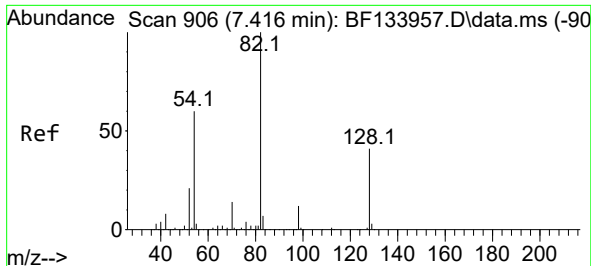
Supervised By :mohammad ahmed 07/07/2023



#22
Acetophenone
Concen: 42.184 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:105 Resp: 479097
Ion Ratio Lower Upper
105 100
71 7.7 5.5 8.3
51 48.0 36.5 54.7
120 21.4 17.3 25.9





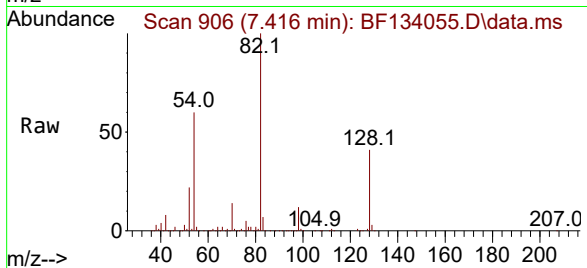
#23
Nitrobenzene-d5
Concen: 84.100 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

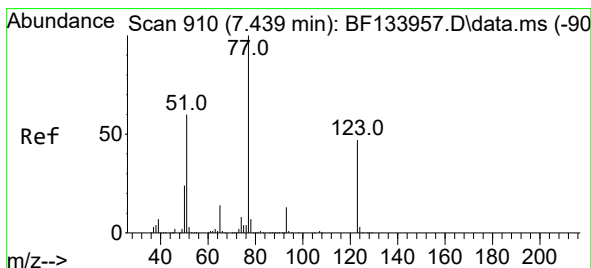
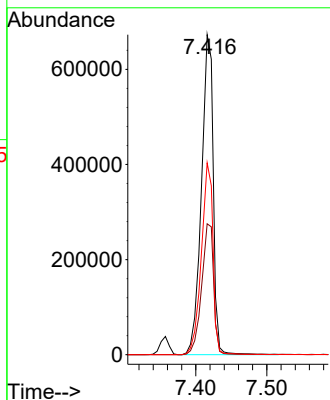
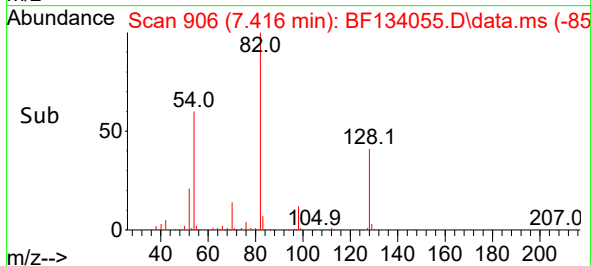
PB153876BS



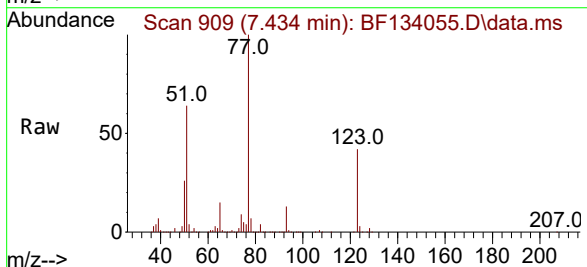
Tgt Ion: 82 Resp: 77911
Ion Ratio Lower Upper
82 100
128 40.9 32.5 48.7
54 59.9 48.2 72.2

Manual Integrations
APPROVED

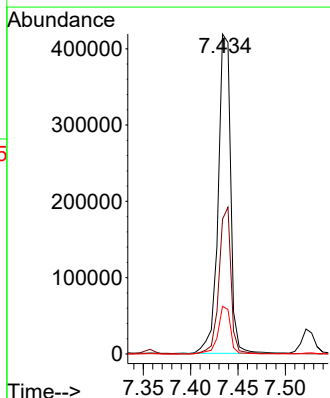
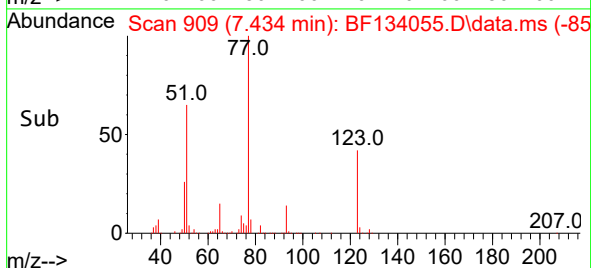
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

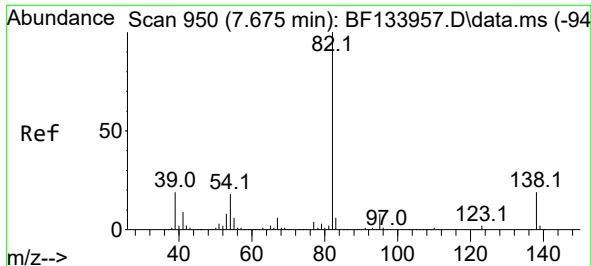


#24
Nitrobenzene
Concen: 41.307 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



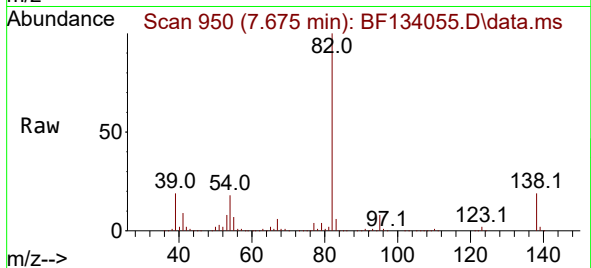
Tgt Ion: 77 Resp: 386701
Ion Ratio Lower Upper
77 100
123 42.1 37.8 56.6
65 14.9 11.3 16.9





#25
Isophorone
Concen: 40.548 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

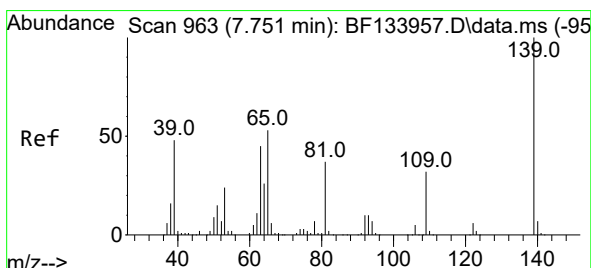
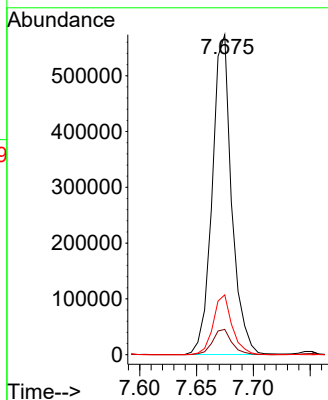
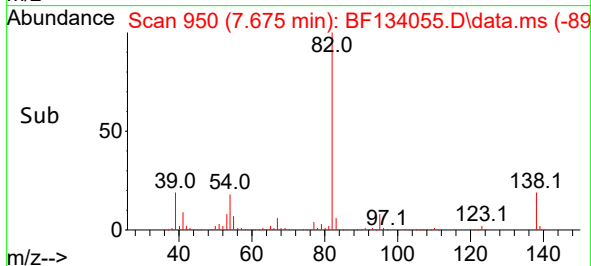
Instrument :
BNA_F
ClientSampleId :
PB153876BS



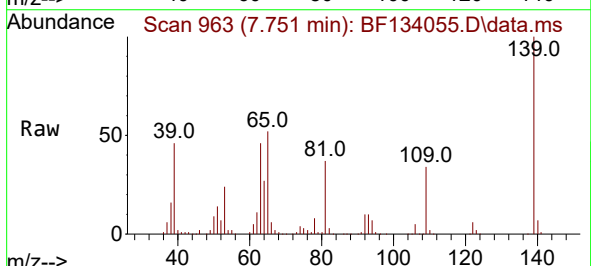
Tgt Ion: 82 Resp: 68270
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.7 15.2 22.8

Manual Integrations
APPROVED

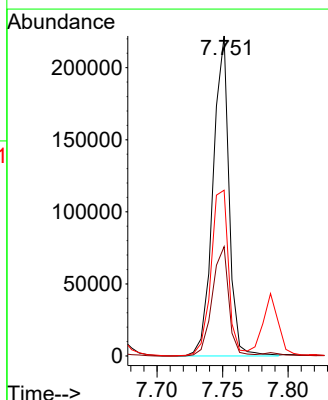
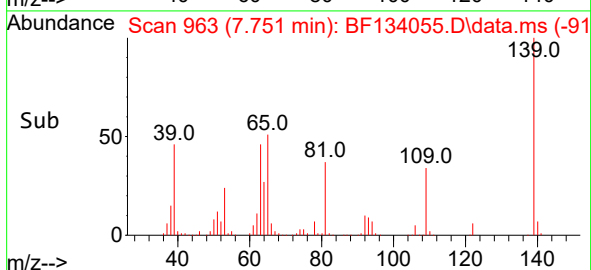
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

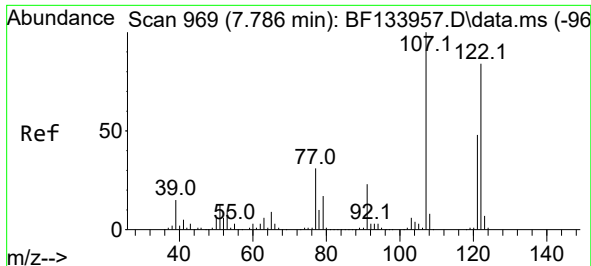


#26
2-Nitrophenol
Concen: 42.078 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



Tgt Ion:139 Resp: 188968
Ion Ratio Lower Upper
139 100
109 34.2 25.8 38.8
65 51.8 42.4 63.6





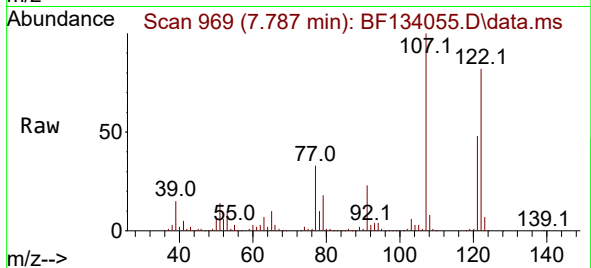
#27
2,4-Dimethylphenol
Concen: 42.395 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS



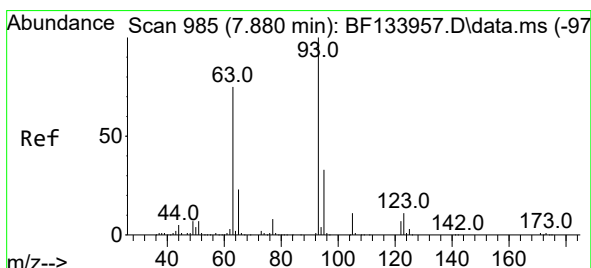
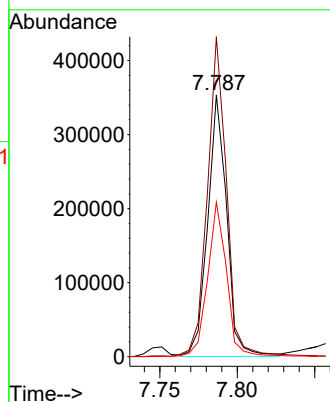
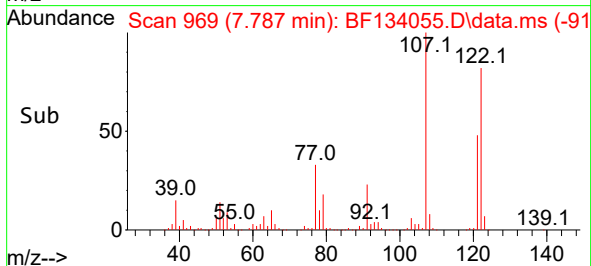
Tgt Ion:122 Resp: 30137
Ion Ratio Lower Upper
122 100
107 122.3 95.5 143.3
121 59.0 45.5 68.3

Manual Integrations

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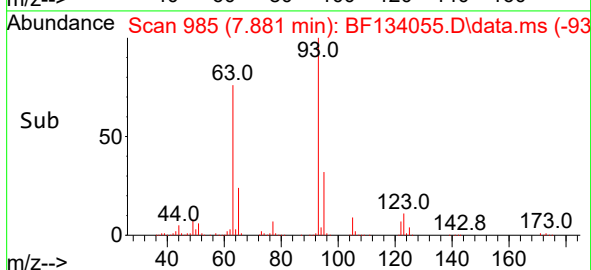
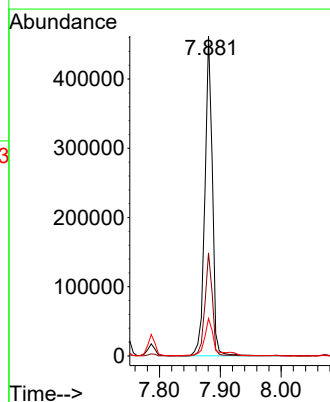
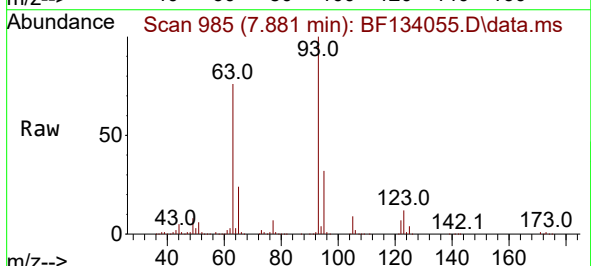
Reviewed By :Yogesh Patel 07/03/2023

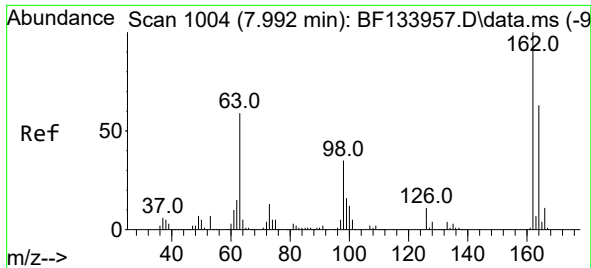
Supervised By :mohammad ahmed 07/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.460 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion: 93 Resp: 394443
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.016 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

Tgt Ion:162 Resp: 28913

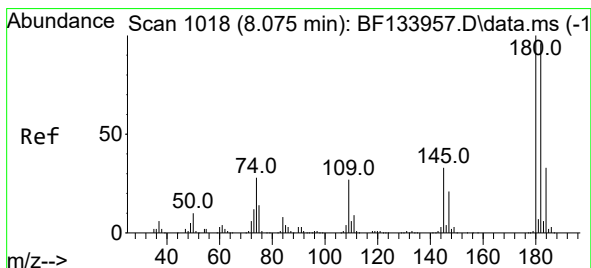
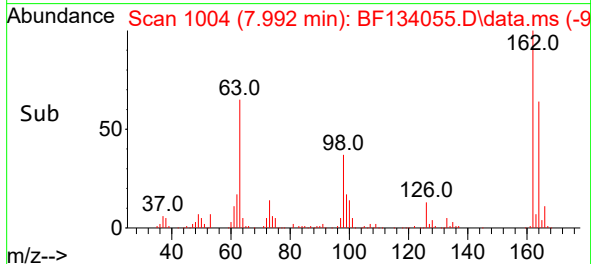
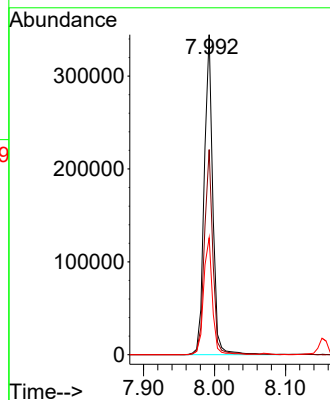
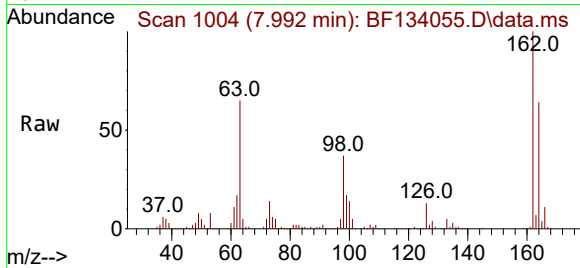
Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.2	83.2
98	36.5	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.832 ng

RT: 8.069 min Scan# 1017

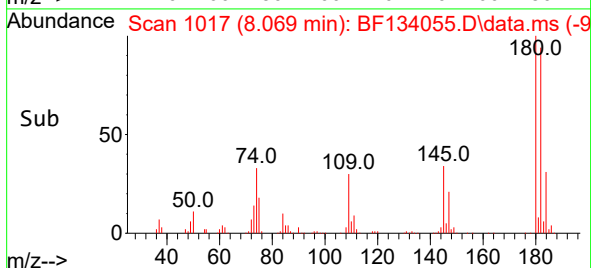
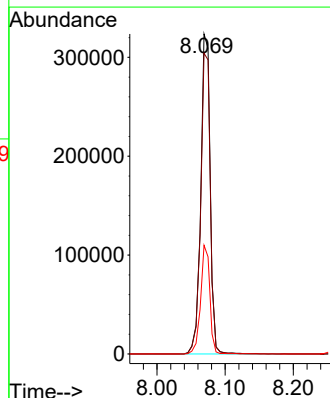
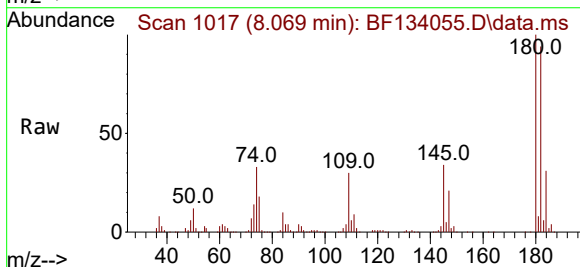
Delta R.T. -0.006 min

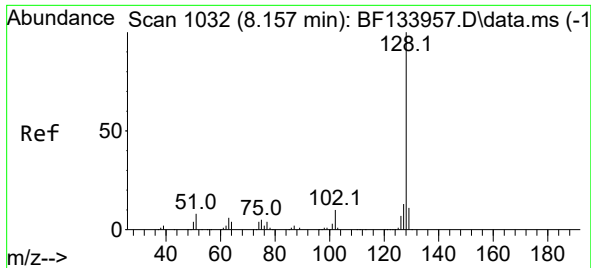
Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Tgt Ion:180 Resp: 311546

Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.1	115.7
145	34.0	26.0	39.0





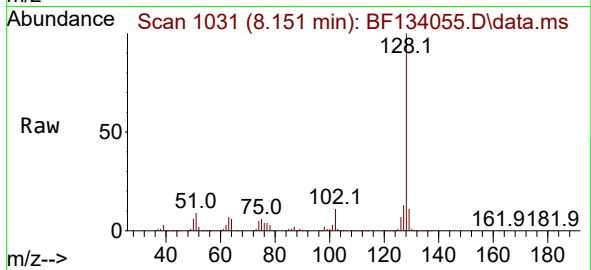
#31
Naphthalene
Concen: 40.430 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

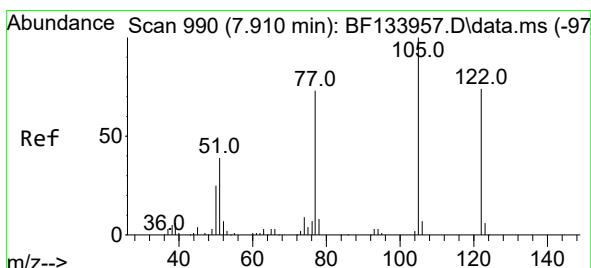
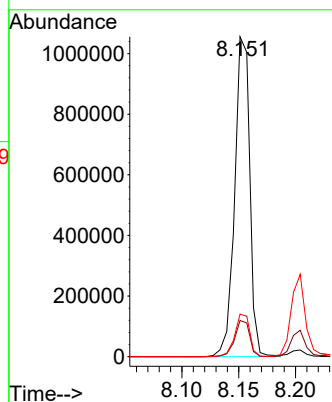
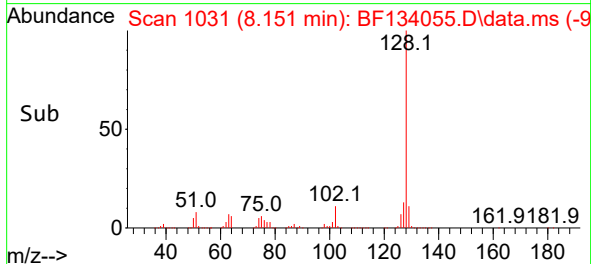


Tgt Ion:128 Resp: 975249
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.6 15.8

Manual Integrations

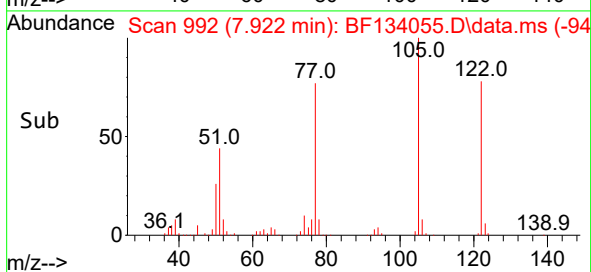
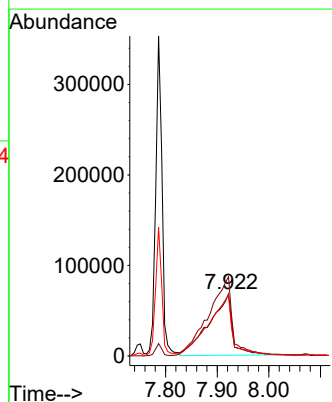
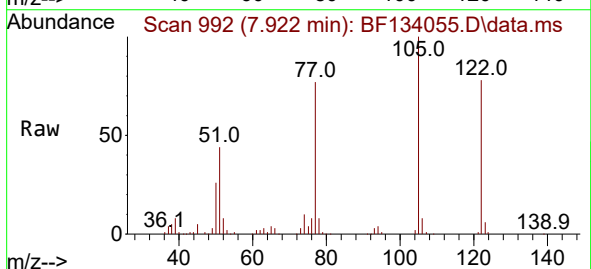
APPROVED

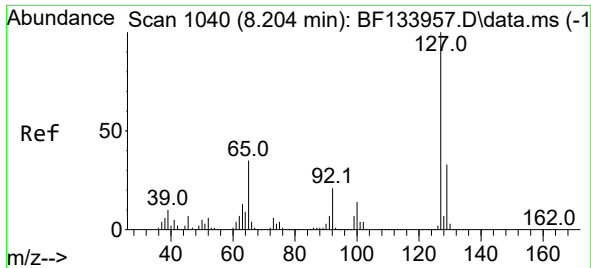
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#32
Benzoic acid
Concen: 40.211 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:122 Resp: 214196
Ion Ratio Lower Upper
122 100
105 127.9 109.7 149.7
77 99.0 76.0 116.0





#33
4-Chloroaniline
Concen: 24.536 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

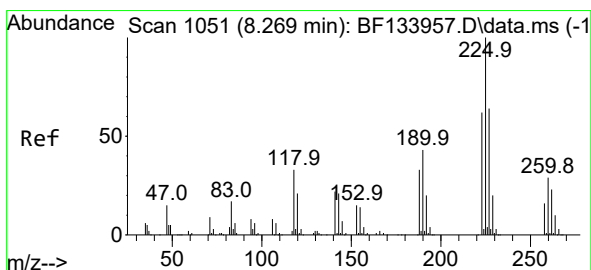
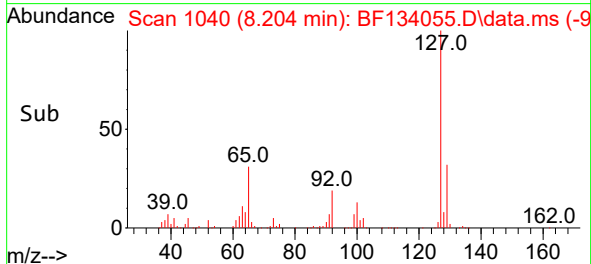
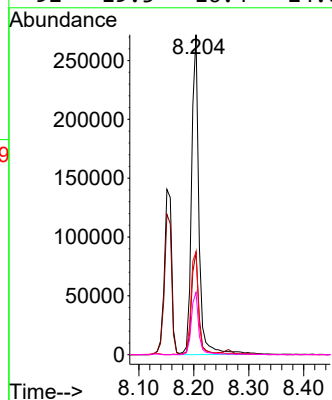
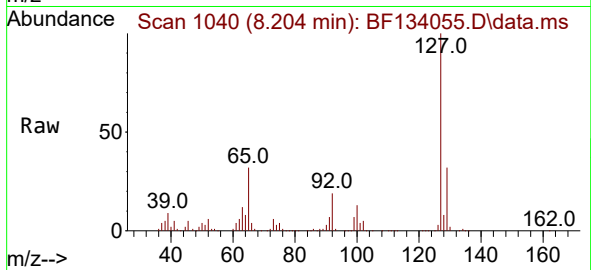
ClientSampleId :

PB153876BS

Tgt Ion:127 Resp: 25317
Ion Ratio Lower Upper
127 100
129 32.0 26.4 39.6
65 32.1 27.8 41.8
92 19.5 16.4 24.6

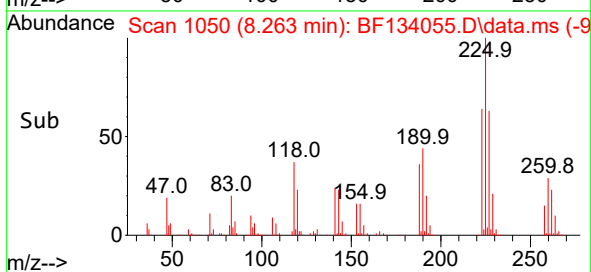
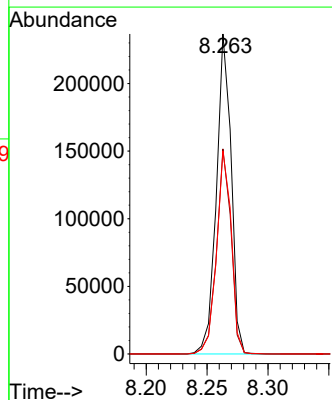
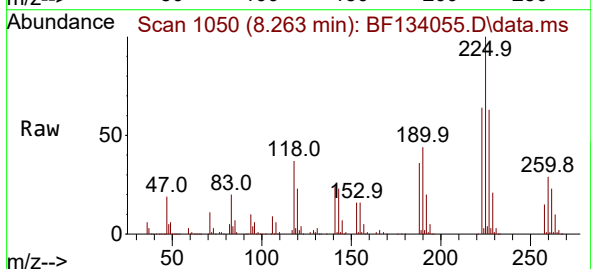
Manual Integrations
APPROVED

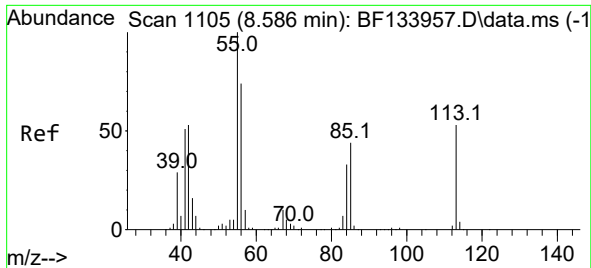
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#34
Hexachlorobutadiene
Concen: 43.391 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

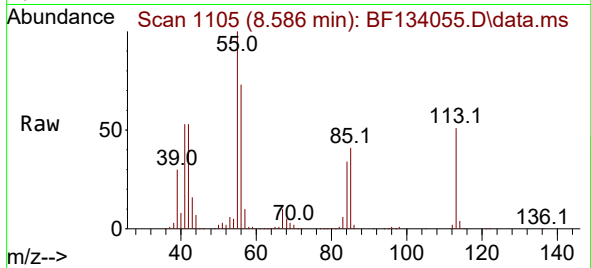
Tgt Ion:225 Resp: 199086
Ion Ratio Lower Upper
225 100
223 64.1 49.8 74.8
227 63.5 51.0 76.4





#35
Caprolactam
Concen: 40.578 ng m
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

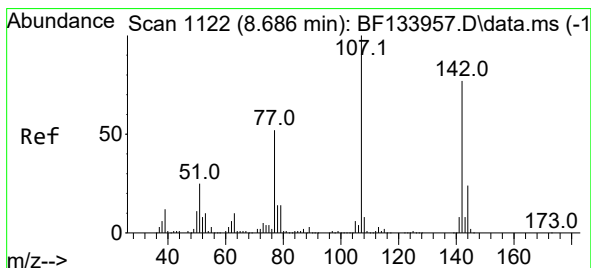
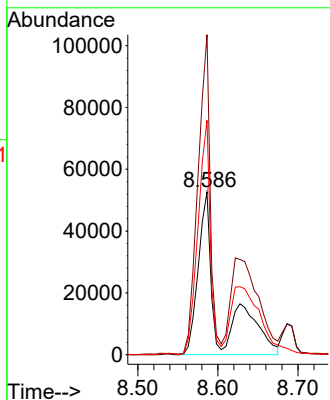
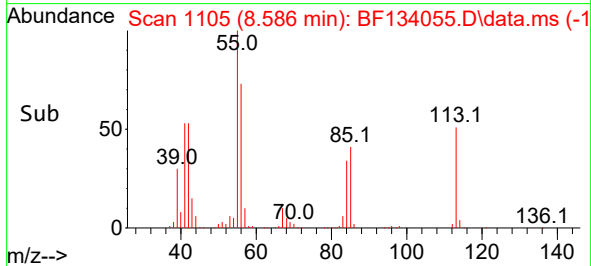
Instrument :
BNA_F
ClientSampleId :
PB153876BS



Tgt Ion:113 Resp: 9418
Ion Ratio Lower Upper
113 100
55 196.6 170.2 210.2
56 144.0 121.4 161.4

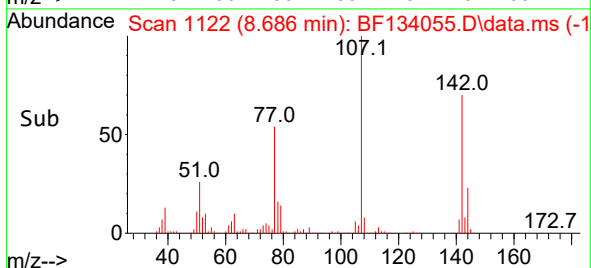
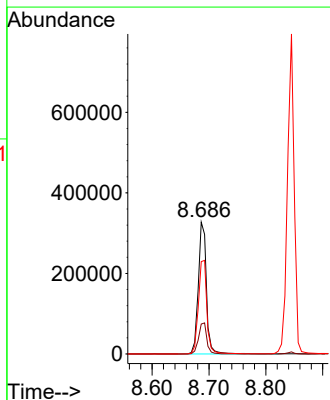
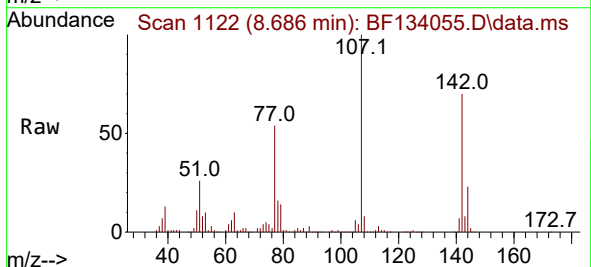
Manual Integrations
APPROVED

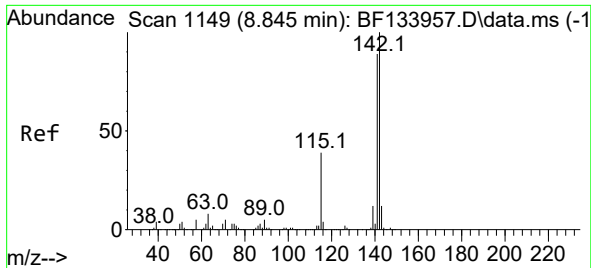
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#36
4-Chloro-3-methylphenol
Concen: 41.341 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:107 Resp: 327382
Ion Ratio Lower Upper
107 100
144 22.8 19.6 29.4
142 70.0 61.4 92.2





#37
2-Methylnaphthalene
Concen: 38.634 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

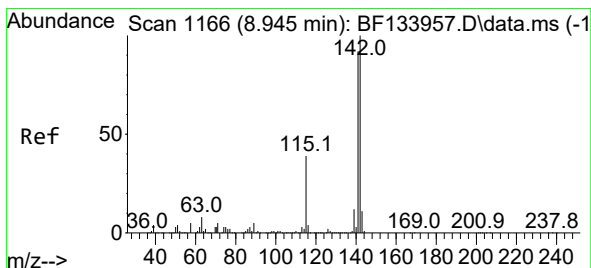
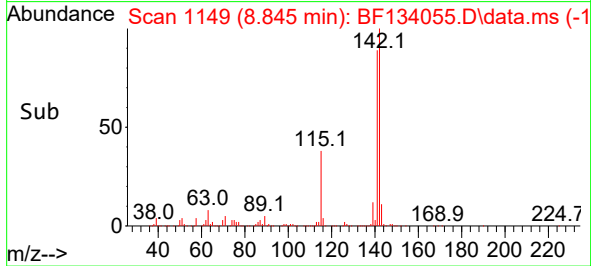
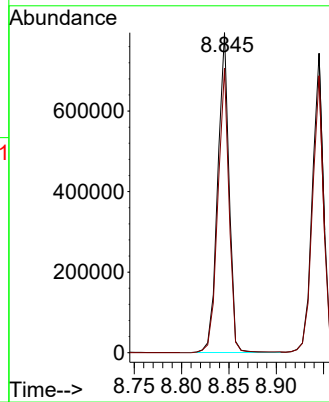
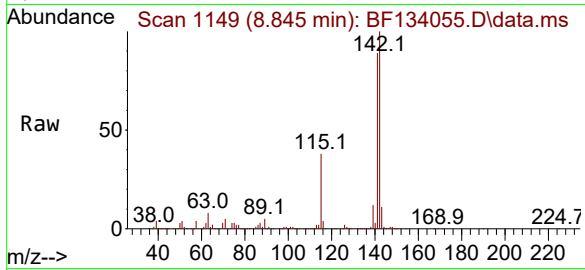
PB153876BS

Tgt Ion:142 Resp: 659015
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4

Manual Integrations

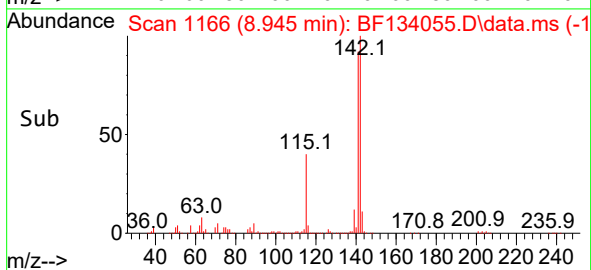
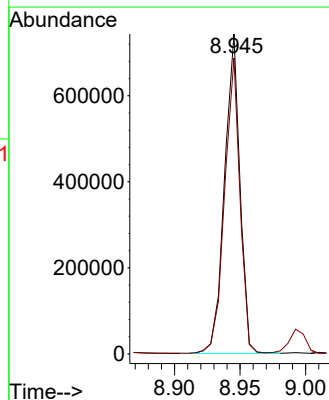
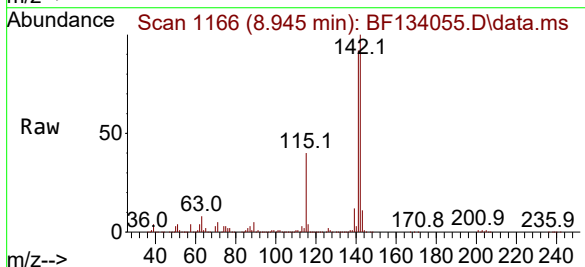
APPROVED

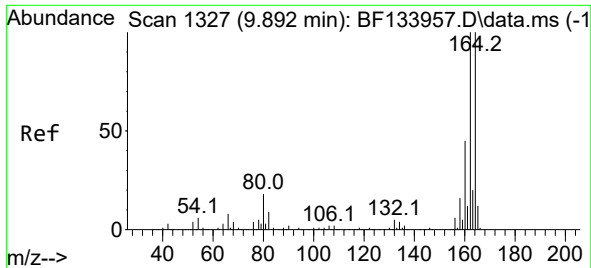
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#38
1-Methylnaphthalene
Concen: 38.313 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:142 Resp: 607561
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3





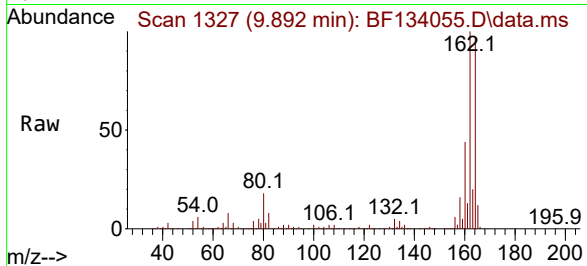
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS



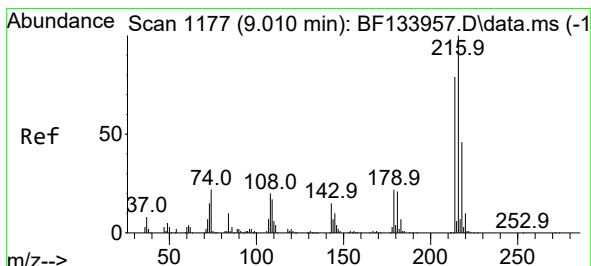
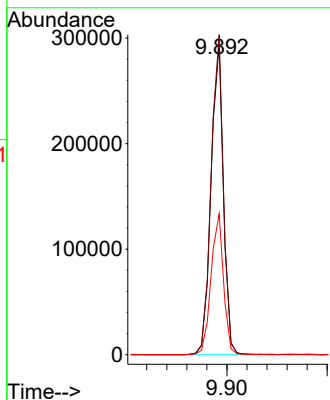
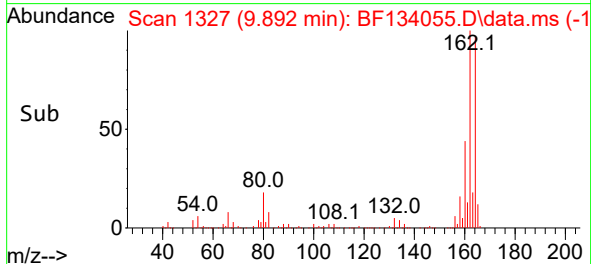
Tgt Ion:164 Resp: 250850
Ion Ratio Lower Upper
164 100
162 103.2 80.0 120.0
160 45.4 35.9 53.9

Manual Integrations

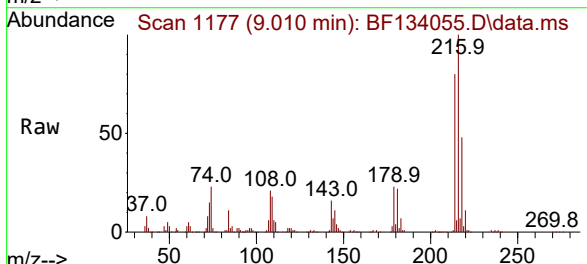
APPROVED

Reviewed By :Yogesh Patel 07/03/2023

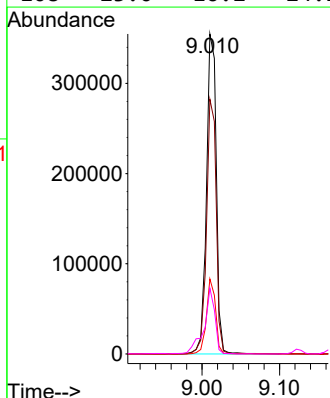
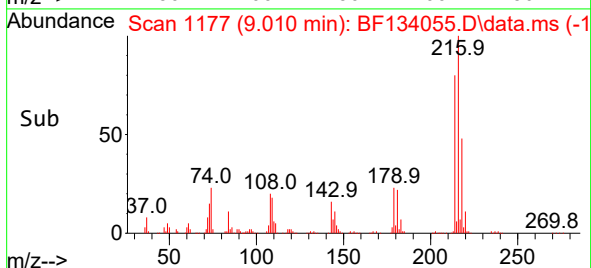
Supervised By :mohammad ahmed 07/07/2023

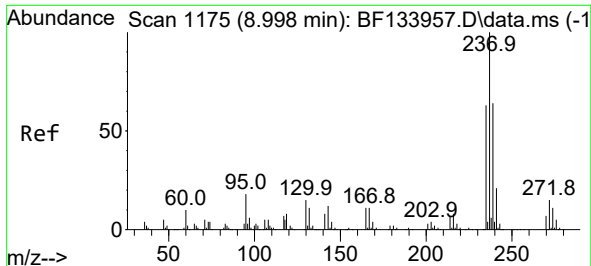


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.059 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



Tgt Ion:216 Resp: 312575
Ion Ratio Lower Upper
216 100
214 78.8 64.1 96.1
179 21.8 17.3 25.9
108 23.0 16.2 24.2





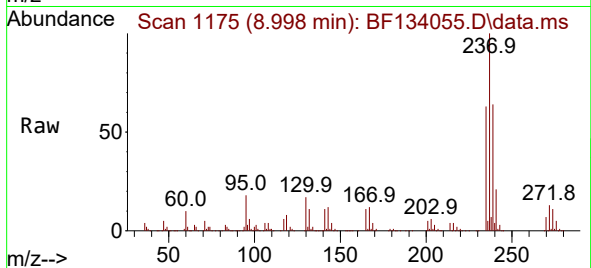
#41
Hexachlorocyclopentadiene
Concen: 109.761 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

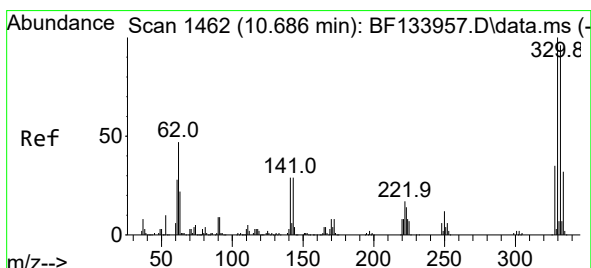
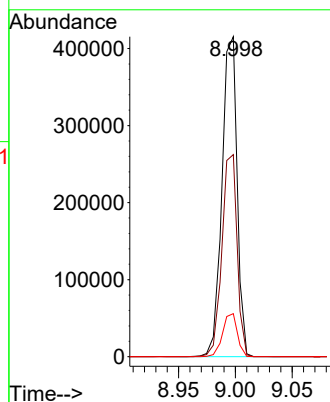
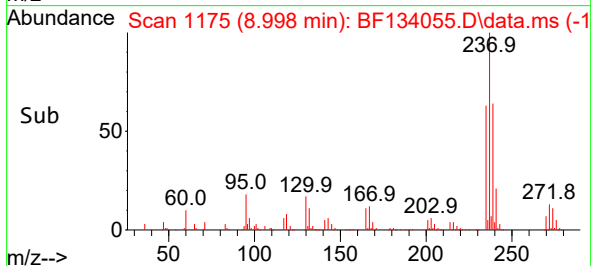


Tgt Ion:237 Resp: 386990
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 13.5 0.0 34.6

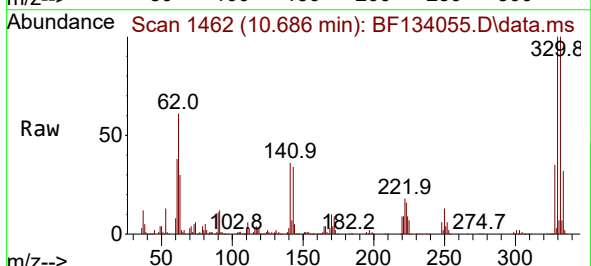
Manual Integrations

APPROVED

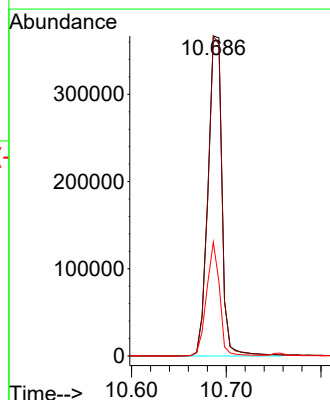
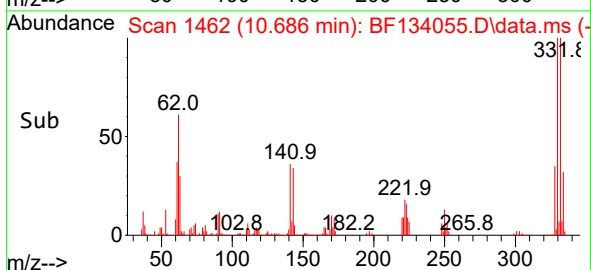
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

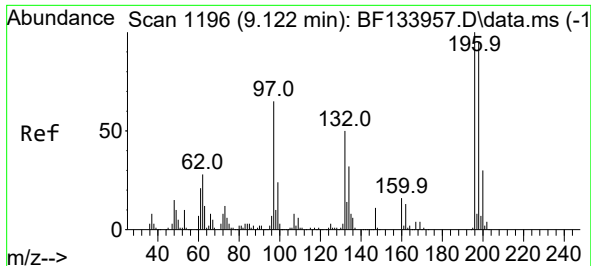


#42
2,4,6-Tribromophenol
Concen: 119.397 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



Tgt Ion:330 Resp: 375521
Ion Ratio Lower Upper
330 100
332 99.5 77.0 115.6
141 33.1 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.777 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

Tgt Ion:196 Resp: 206290

Ion Ratio Lower Upper

196 100

198 98.7 75.6 113.4

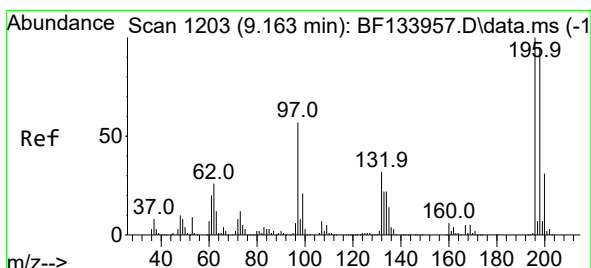
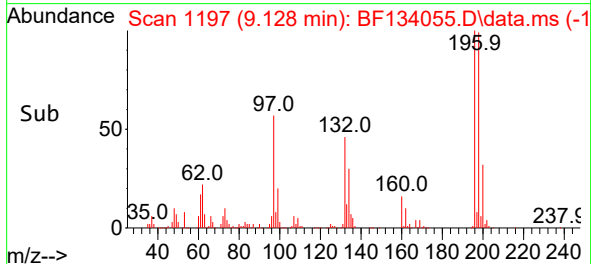
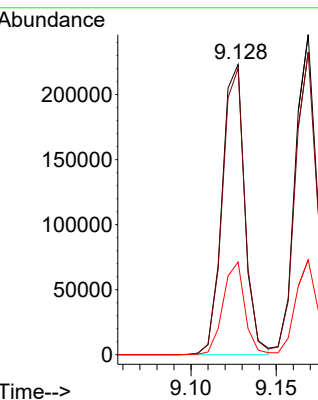
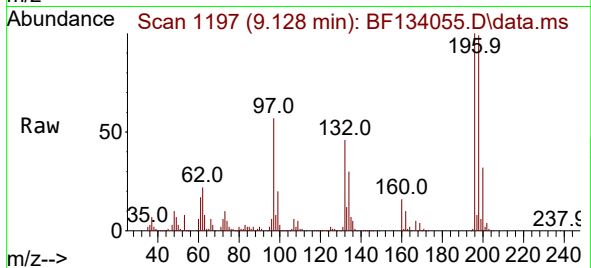
200 31.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#44

2,4,5-Trichlorophenol

Concen: 39.004 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Tgt Ion:196 Resp: 232115

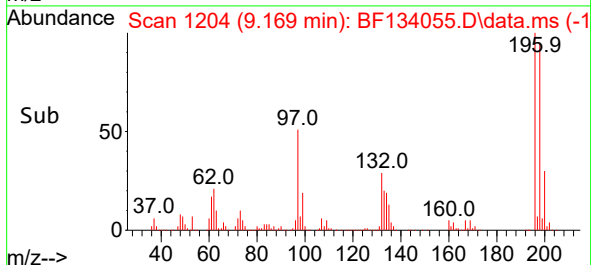
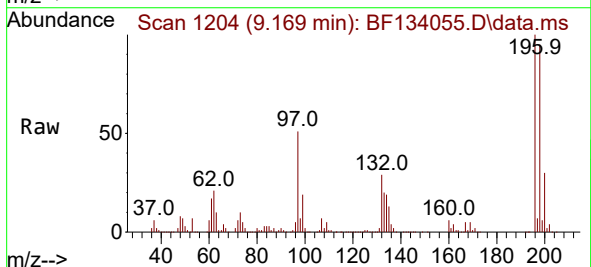
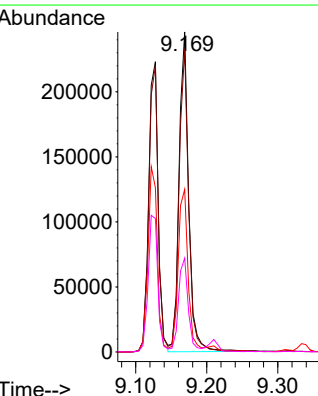
Ion Ratio Lower Upper

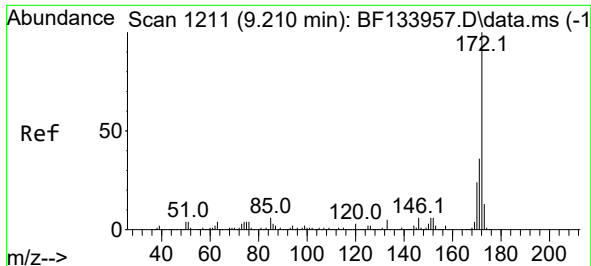
196 100

198 94.5 75.7 113.5

97 50.8 45.8 68.6

132 29.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 81.548 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134055.D

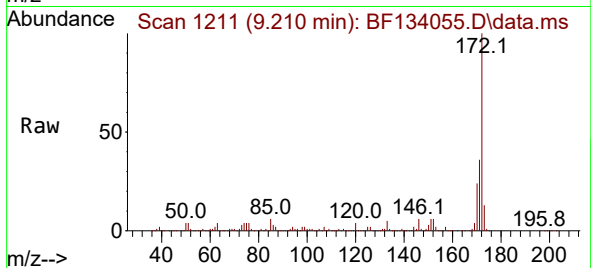
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS



Tgt Ion:172 Resp: 1407000

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

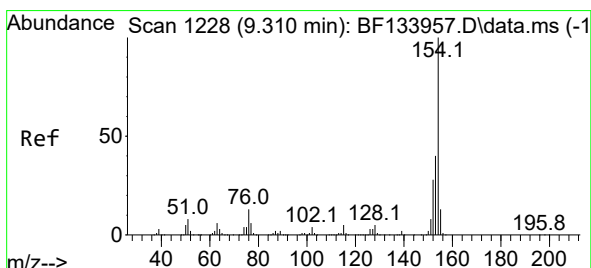
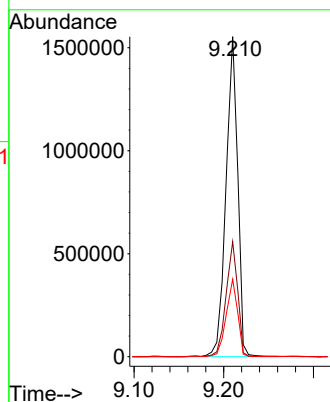
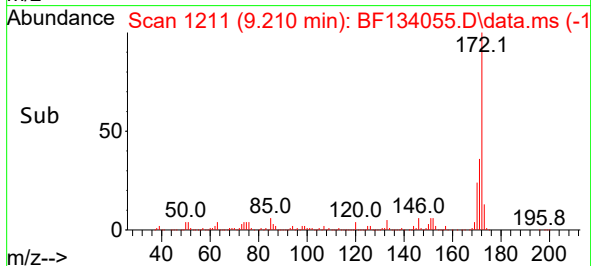
170 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#46

1,1'-Biphenyl

Concen: 40.810 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

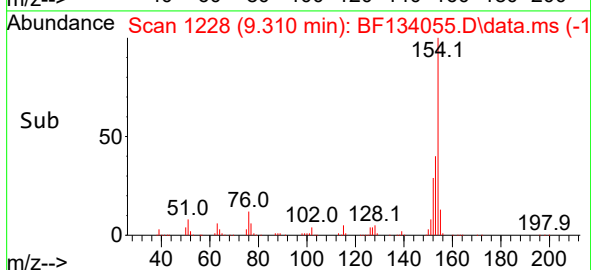
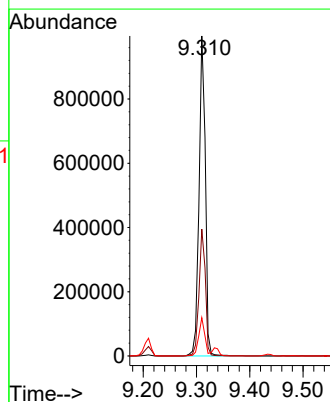
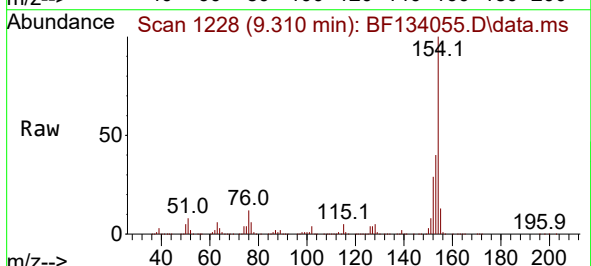
Tgt Ion:154 Resp: 821198

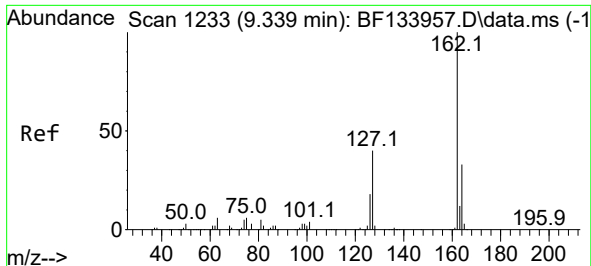
Ion Ratio Lower Upper

154 100

153 39.7 19.8 59.8

76 11.9 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.456 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

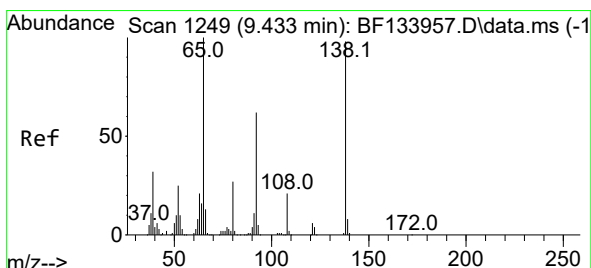
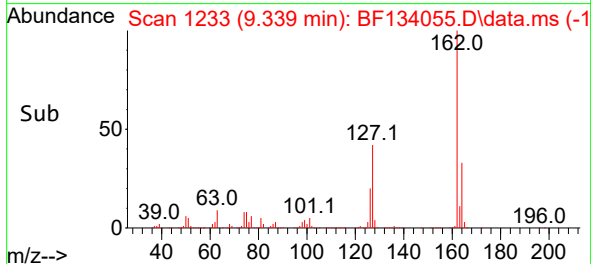
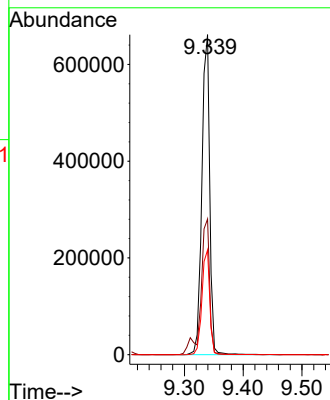
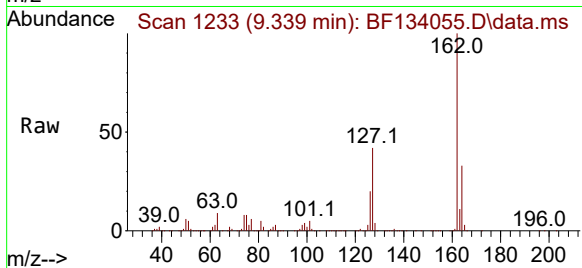
PB153876BS

Tgt Ion:162 Resp: 61034
 Ion Ratio Lower Upper
 162 100
 127 42.4 32.9 49.3
 164 32.7 26.1 39.1

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 40.578 ng

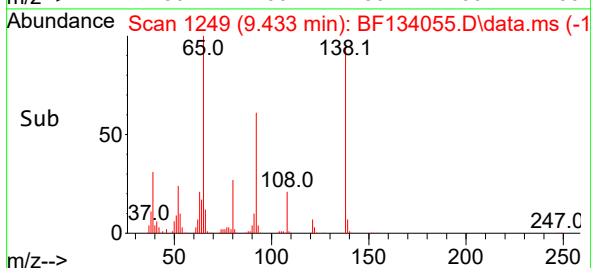
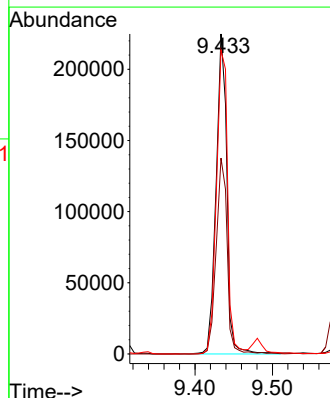
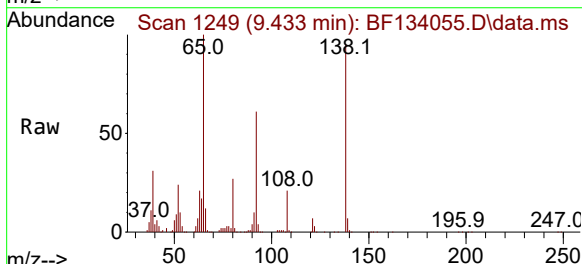
RT: 9.433 min Scan# 1249

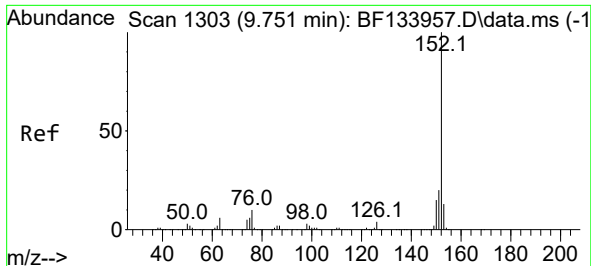
Delta R.T. -0.006 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Tgt Ion: 65 Resp: 217726
 Ion Ratio Lower Upper
 65 100
 92 61.2 49.5 74.3
 138 94.9 78.0 117.0





#49

Acenaphthylene

Concen: 40.187 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

Tgt Ion:152 Resp: 1010709

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

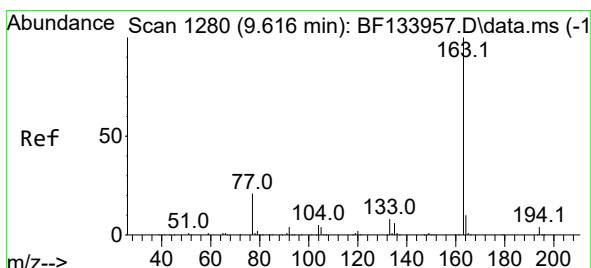
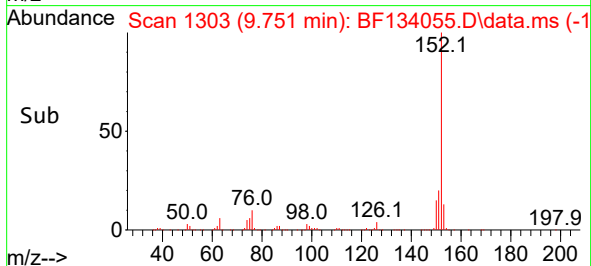
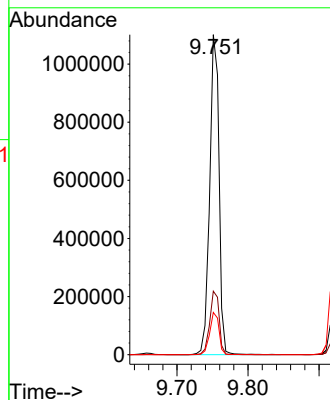
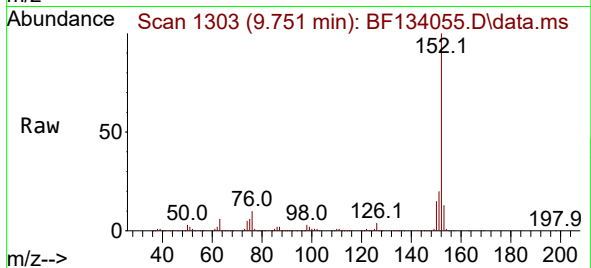
153 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#50

Dimethylphthalate

Concen: 40.626 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

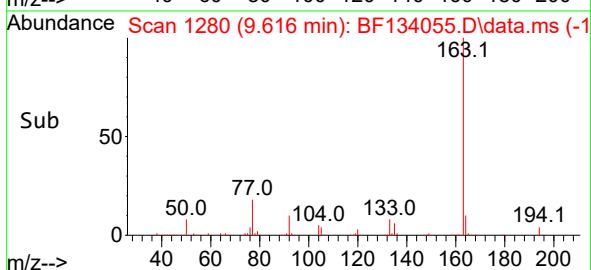
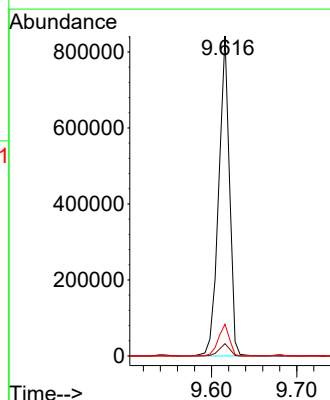
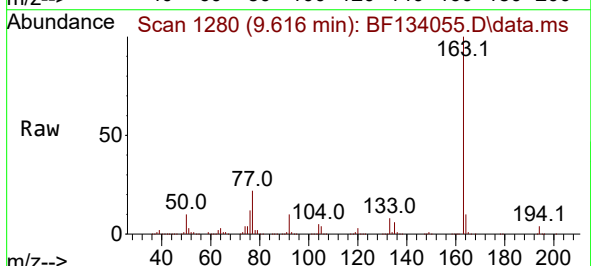
Tgt Ion:163 Resp: 739769

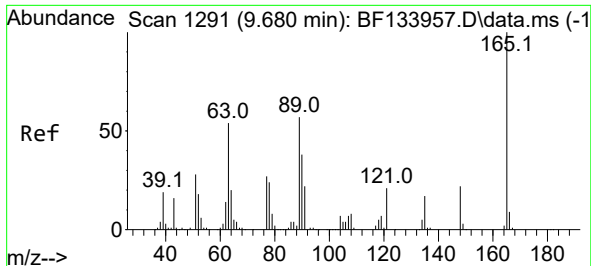
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.9 8.2 12.2





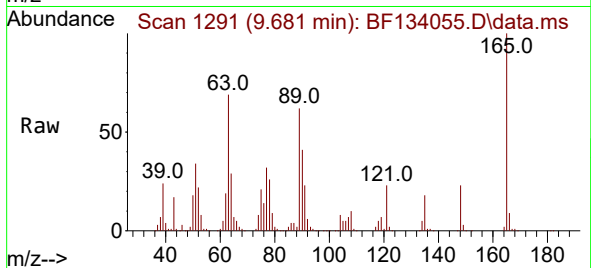
#51
2,6-Dinitrotoluene
Concen: 41.497 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

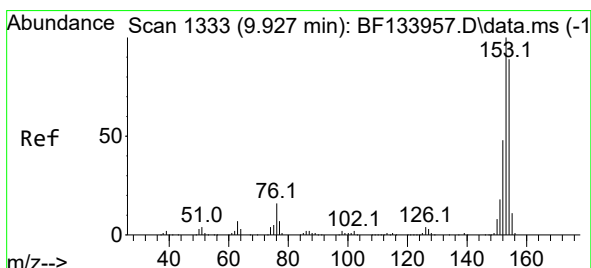
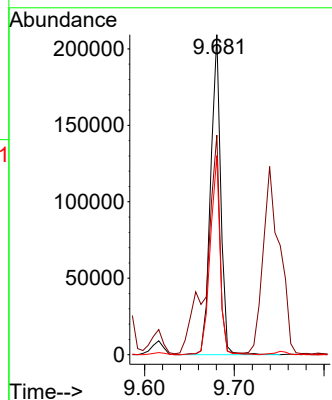
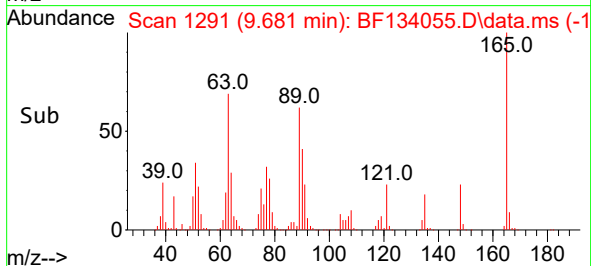


Tgt Ion:165 Resp: 162750
Ion Ratio Lower Upper
165 100
63 68.6 48.5 72.7
89 62.2 45.5 68.3

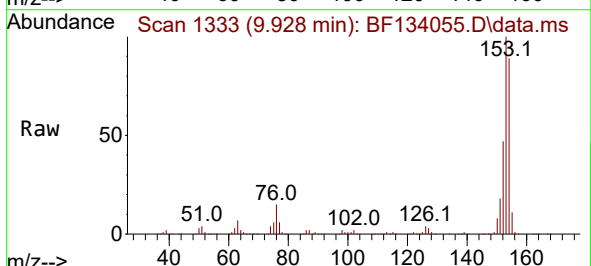
Manual Integrations

APPROVED

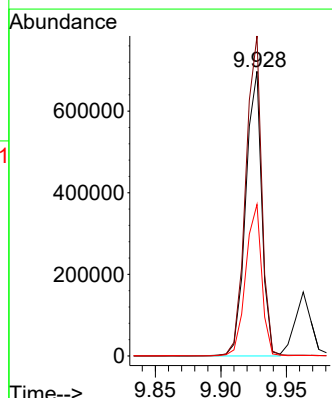
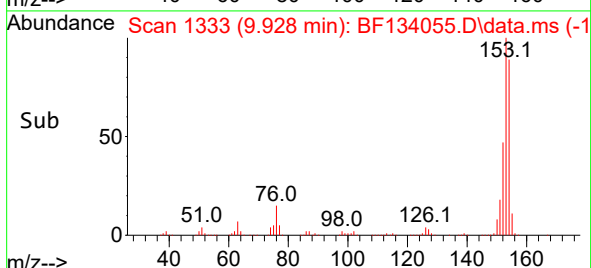
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

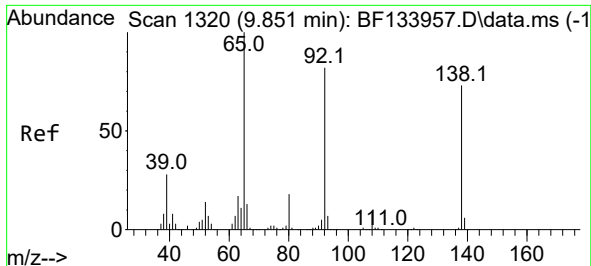


#52
Acenaphthene
Concen: 40.758 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



Tgt Ion:154 Resp: 594802
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.2
152 53.2 42.8 64.2





#53
3-Nitroaniline
Concen: 30.977 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

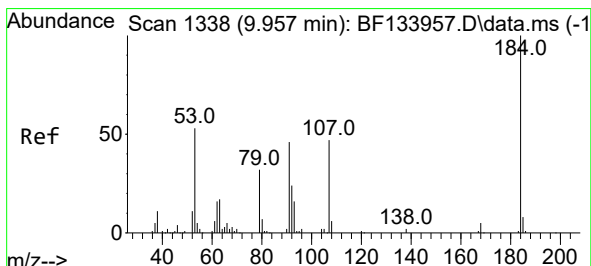
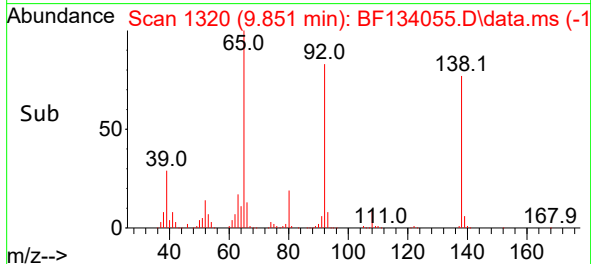
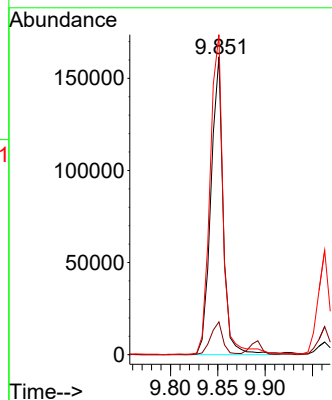
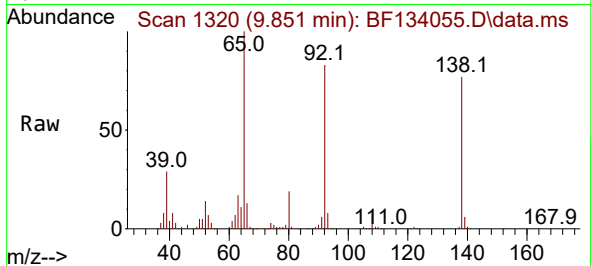
ClientSampleId :

PB153876BS

Tgt Ion:138 Resp: 145749
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 107.4 90.1 135.1

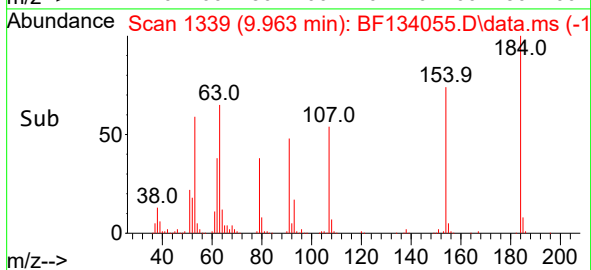
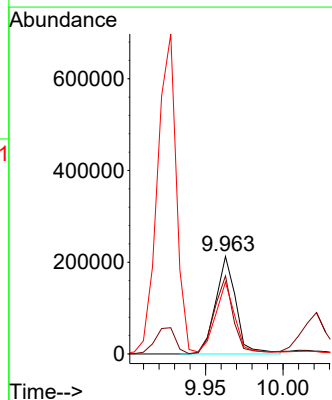
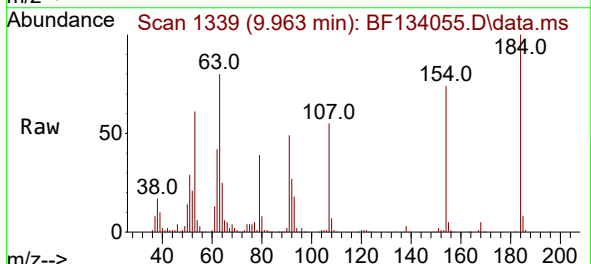
Manual Integrations
APPROVED

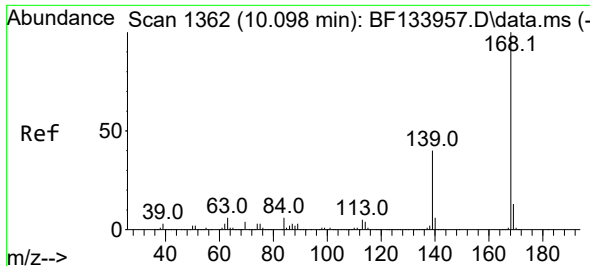
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#54
2,4-Dinitrophenol
Concen: 85.430 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

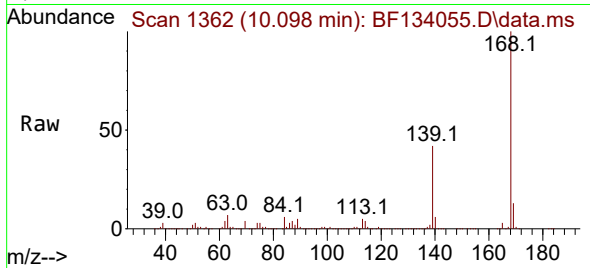
Tgt Ion:184 Resp: 194120
Ion Ratio Lower Upper
184 100
63 80.1 56.9 85.3
154 73.8 55.4 83.0





#55
Dibenzofuran
Concen: 39.580 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

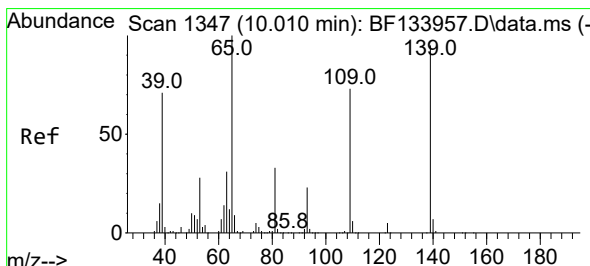
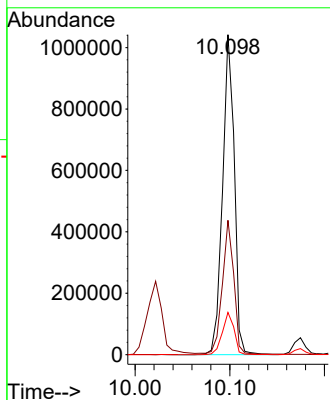
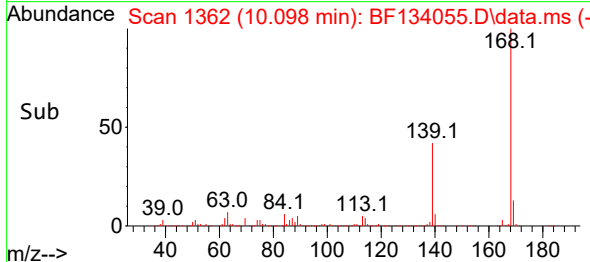
Instrument :
BNA_F
ClientSampleId :
PB153876BS



Tgt Ion:168 Resp: 902714
Ion Ratio Lower Upper
168 100
139 42.0 32.0 48.0
169 13.2 10.6 16.0

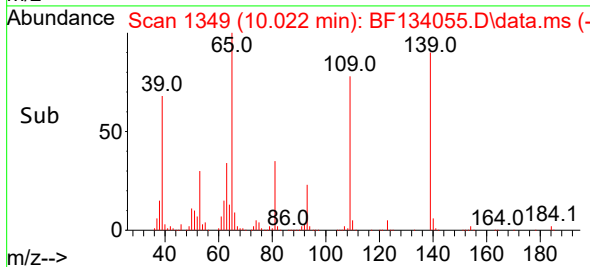
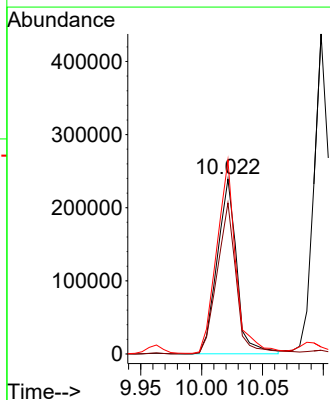
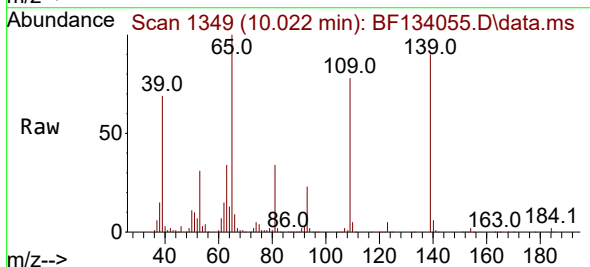
Manual Integrations
APPROVED

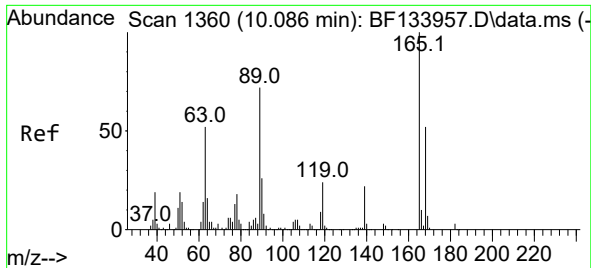
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#56
4-Nitrophenol
Concen: 80.898 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:139 Resp: 266248
Ion Ratio Lower Upper
139 100
109 86.3 56.8 96.8
65 110.9 86.1 126.1





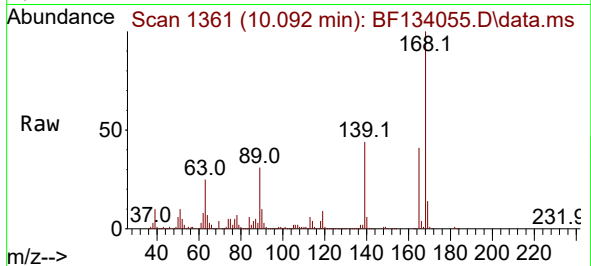
#57
2,4-Dinitrotoluene
Concen: 40.125 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

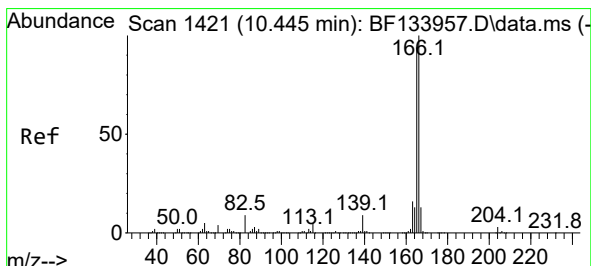
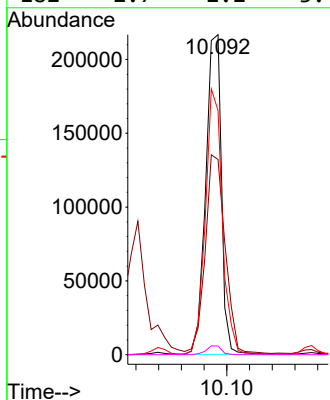
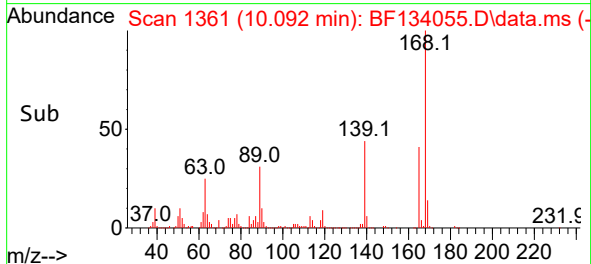


Tgt Ion:165 Resp: 207829
Ion Ratio Lower Upper
165 100
63 61.0 42.2 63.2
89 76.3 57.4 86.2
182 2.7 2.2 3.4

Manual Integrations

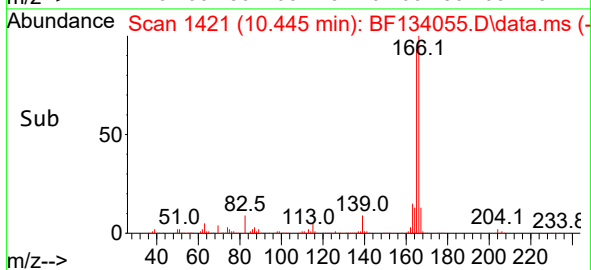
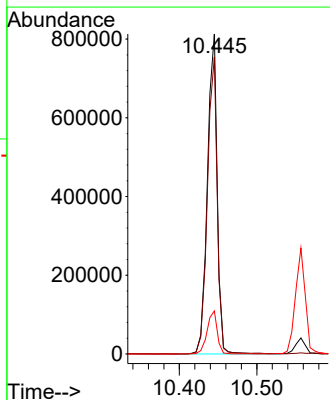
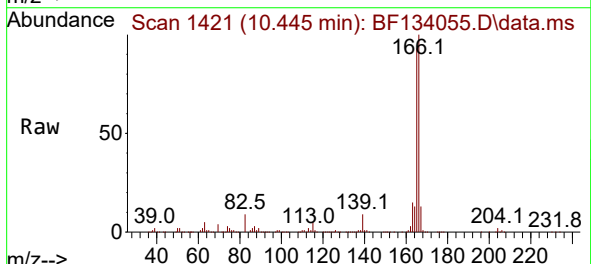
APPROVED

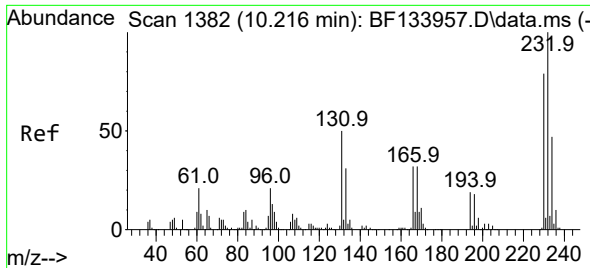
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#58
Fluorene
Concen: 40.147 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

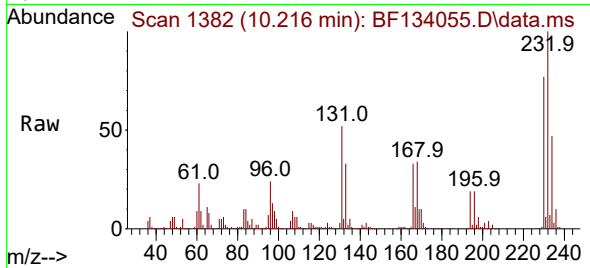
Tgt Ion:166 Resp: 712355
Ion Ratio Lower Upper
166 100
165 92.8 75.0 112.4
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.184 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

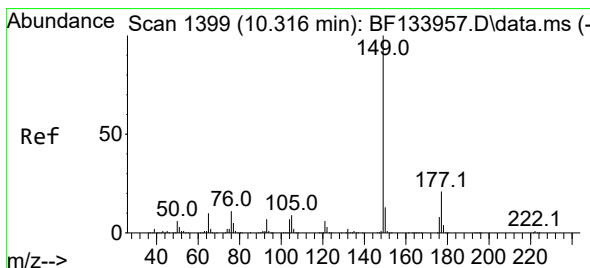
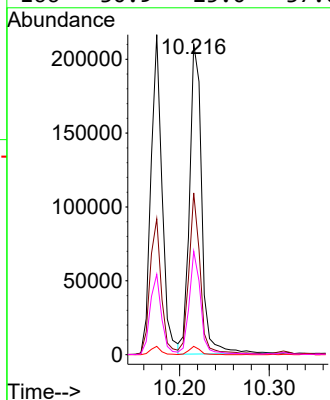
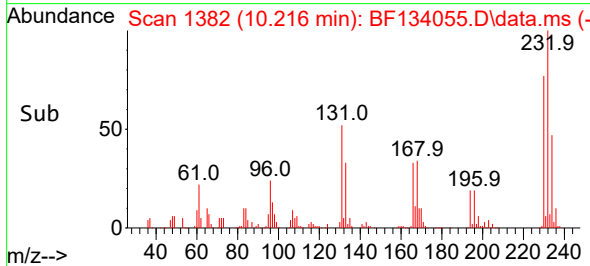
Instrument :
BNA_F
ClientSampleId :
PB153876BS



Tgt Ion:232 Resp: 19801
Ion Ratio Lower Upper
232 100
131 47.7 39.3 58.9
130 2.5 1.8 2.6
166 30.9 25.0 37.6

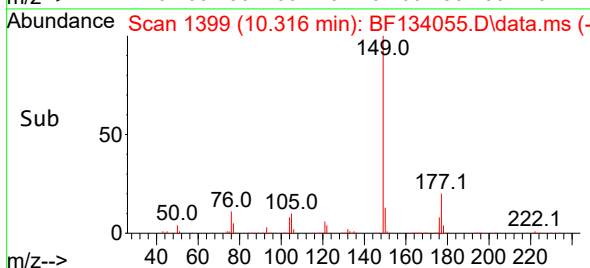
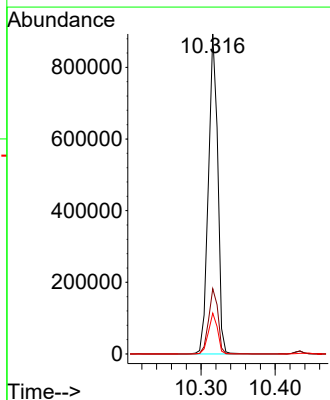
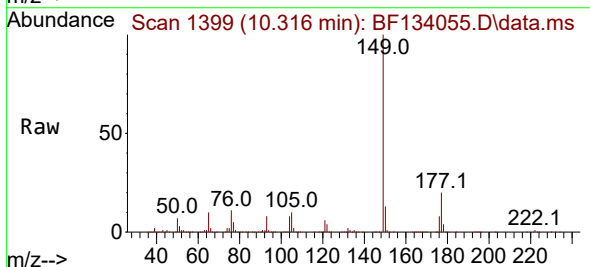
Manual Integrations
APPROVED

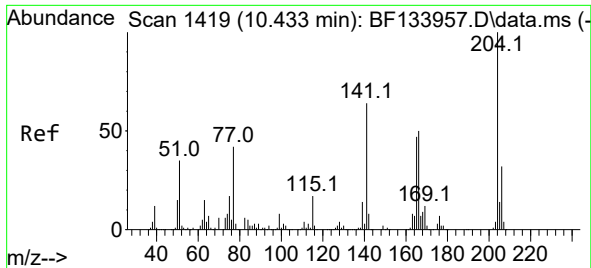
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#60
Diethylphthalate
Concen: 41.238 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

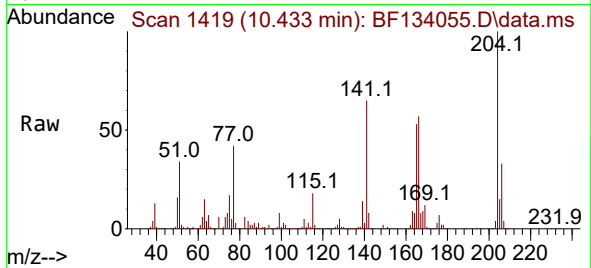
Tgt Ion:149 Resp: 782331
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.990 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

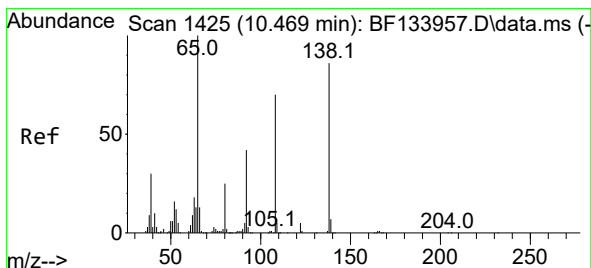
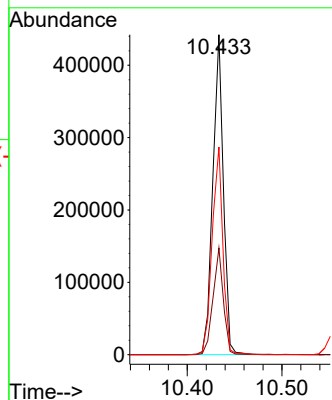
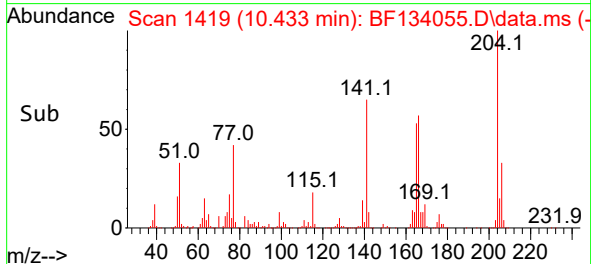
Instrument :
BNA_F
ClientSampleId :
PB153876BS



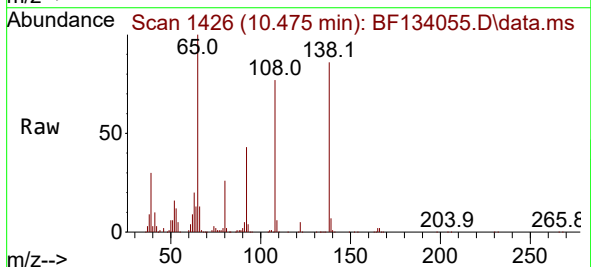
Tgt Ion:204 Resp: 34195
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 64.9 51.5 77.3

Manual Integrations
APPROVED

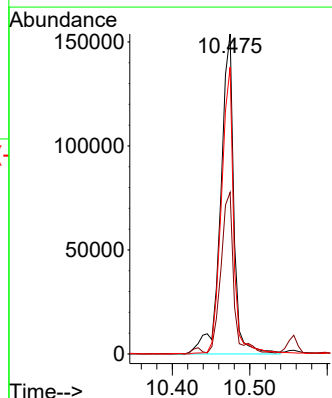
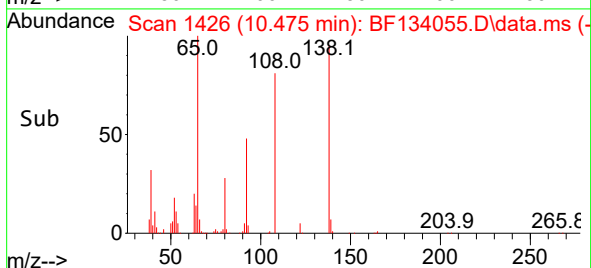
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

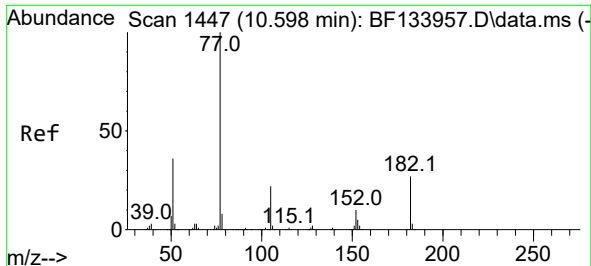


#62
4-Nitroaniline
Concen: 38.451 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



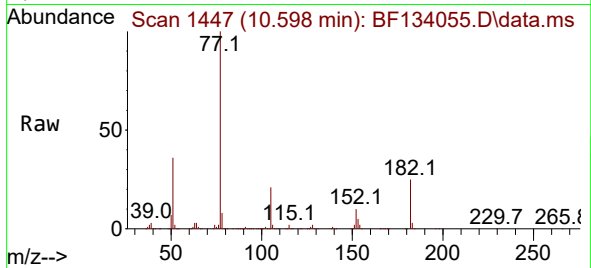
Tgt Ion:138 Resp: 182325
Ion Ratio Lower Upper
138 100
92 50.5 29.7 69.7
108 89.6 62.1 102.1





#63
Azobenzene
Concen: 40.591 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

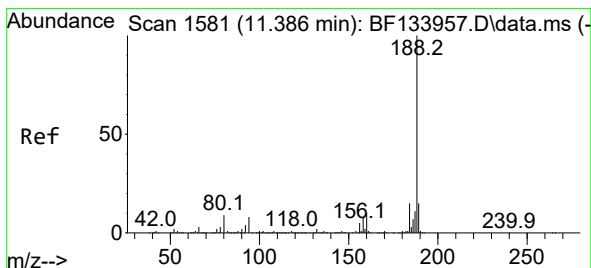
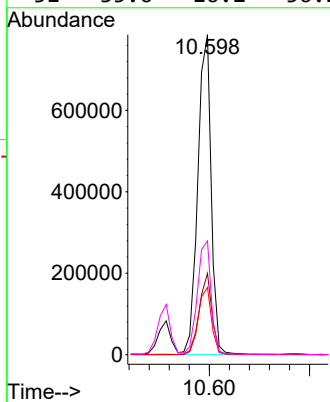
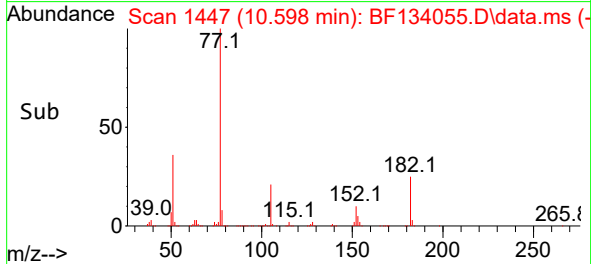
Instrument :
BNA_F
ClientSampleId :
PB153876BS



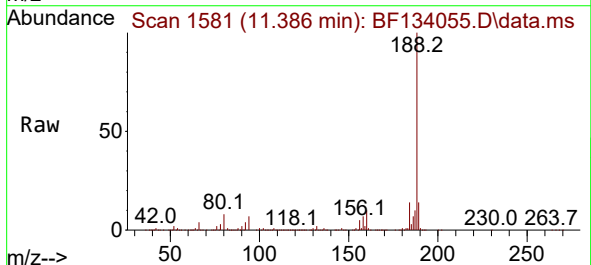
Tgt Ion: 77 Resp: 72842
Ion Ratio Lower Upper
77 100
182 25.4 6.8 46.8
105 21.0 2.3 42.3
51 35.6 16.2 56.2

Manual Integrations
APPROVED

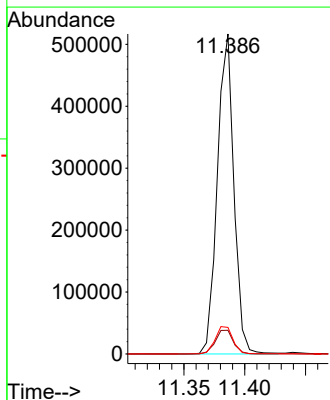
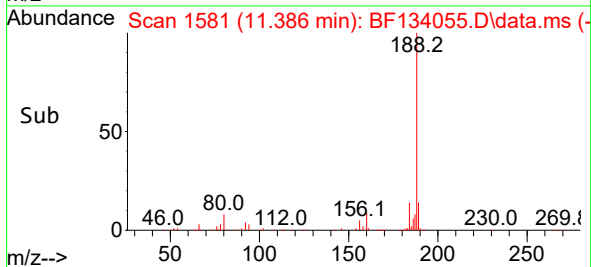
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

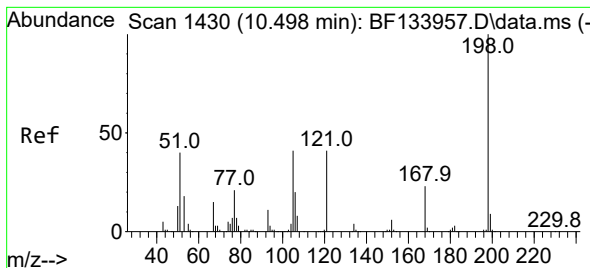


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



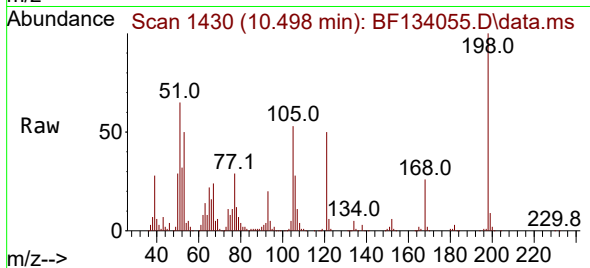
Tgt Ion:188 Resp: 488997
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.3 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.514 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

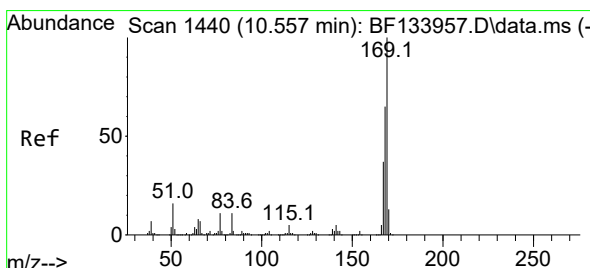
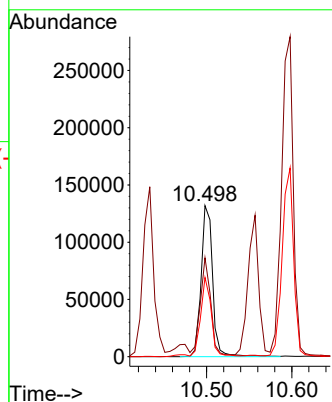
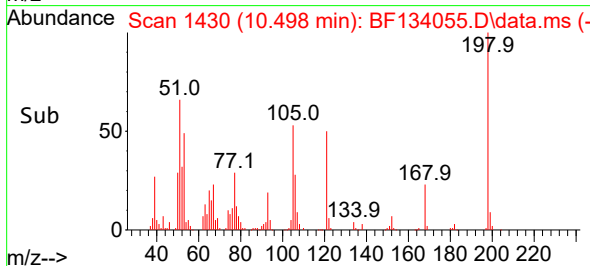
Instrument :
BNA_F
ClientSampleId :
PB153876BS



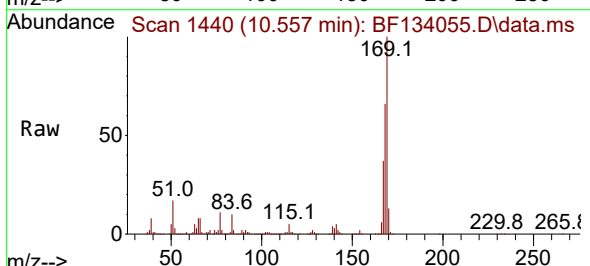
Tgt Ion:198 Resp: 124000
Ion Ratio Lower Upper
198 100
51 65.5 29.3 69.3
105 52.5 22.4 62.4

Manual Integrations
APPROVED

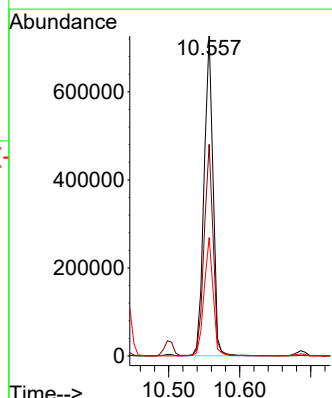
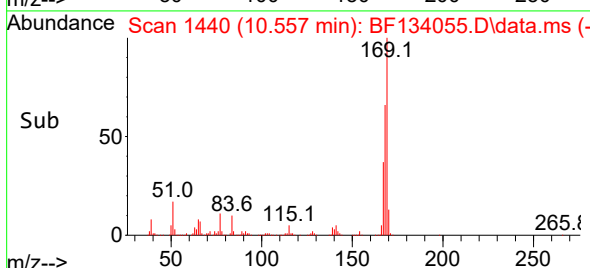
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

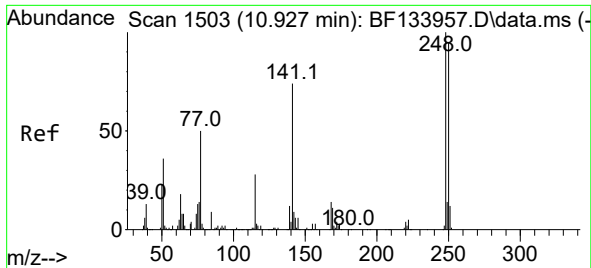


#66
n-Nitrosodiphenylamine
Concen: 41.122 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



Tgt Ion:169 Resp: 642470
Ion Ratio Lower Upper
169 100
168 66.2 52.3 78.5
167 37.0 29.4 44.0





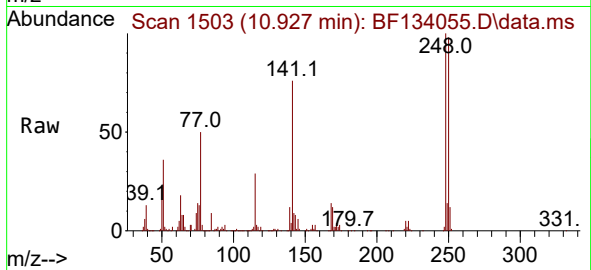
#67
4-Bromophenyl-phenylether
Concen: 41.834 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

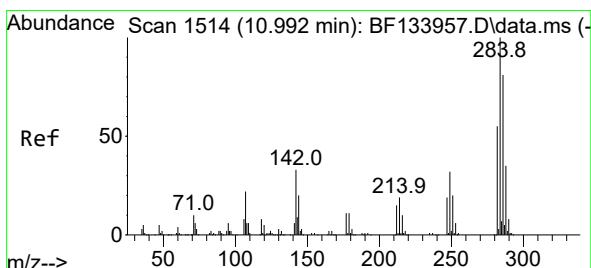
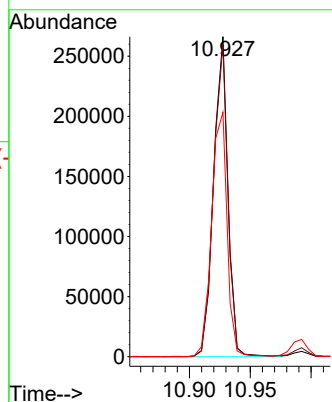
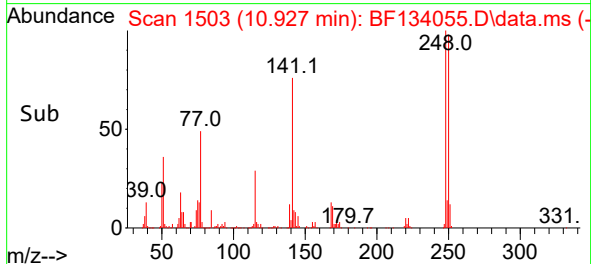


Tgt Ion:248 Resp: 217430
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.4
141 76.3 59.0 88.4

Manual Integrations

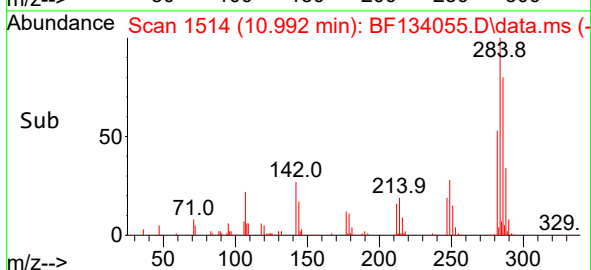
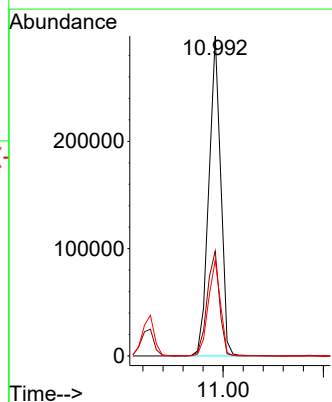
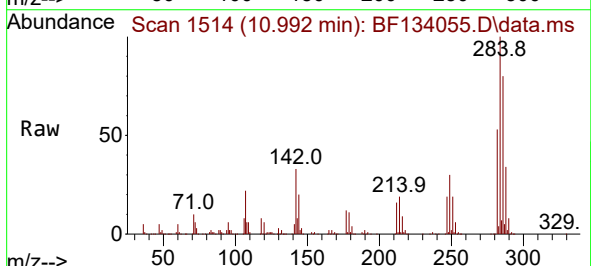
APPROVED

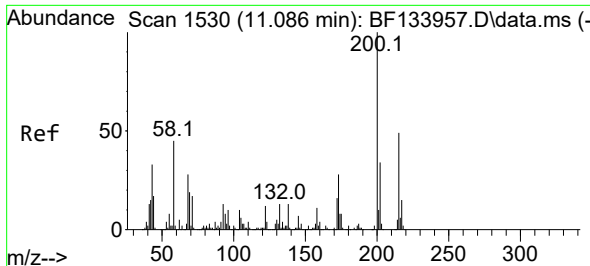
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#68
Hexachlorobenzene
Concen: 44.566 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

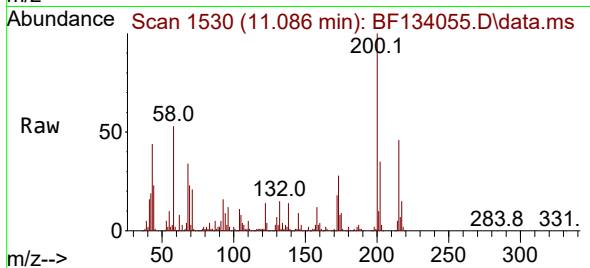
Tgt Ion:284 Resp: 245938
Ion Ratio Lower Upper
284 100
142 32.8 26.6 40.0
249 29.9 25.5 38.3





#69
Atrazine
Concen: 48.968 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

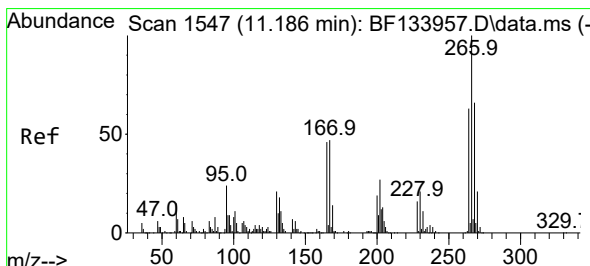
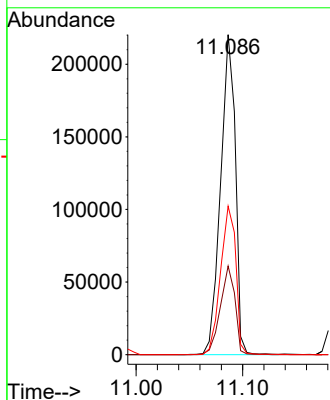
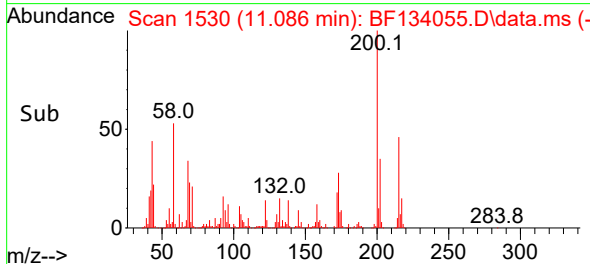
Instrument :
BNA_F
ClientSampleId :
PB153876BS



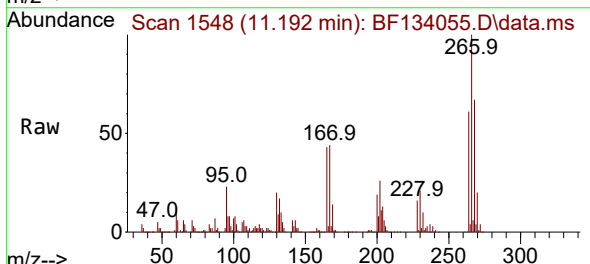
Tgt Ion:200 Resp: 21162
Ion Ratio Lower Upper
200 100
173 27.7 8.0 48.0
215 46.4 29.3 69.3

Manual Integrations
APPROVED

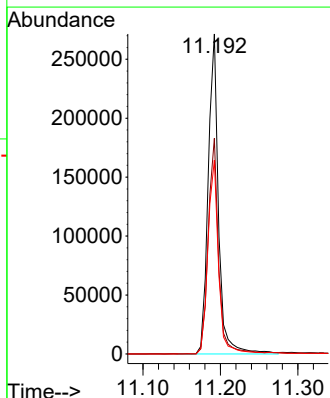
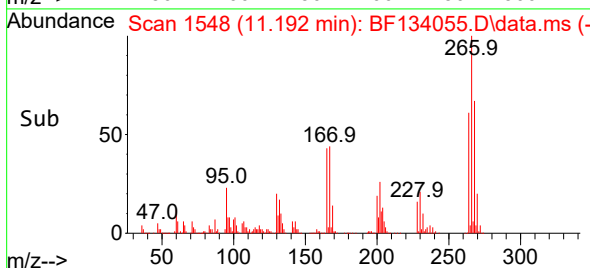
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

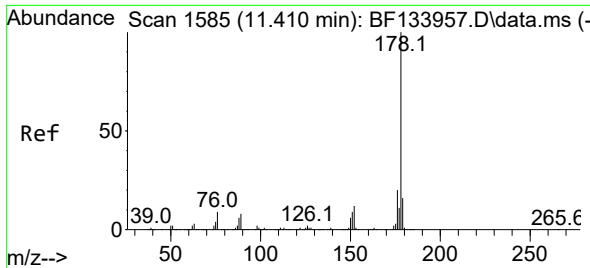


#70
Pentachlorophenol
Concen: 76.317 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



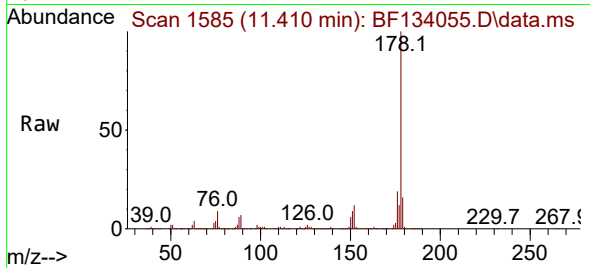
Tgt Ion:266 Resp: 251816
Ion Ratio Lower Upper
266 100
268 67.4 52.6 79.0
264 60.6 50.6 76.0





#71
Phenanthrene
Concen: 41.138 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

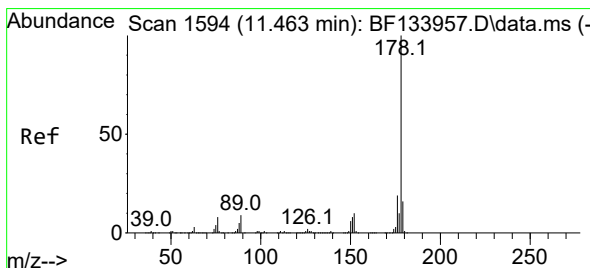
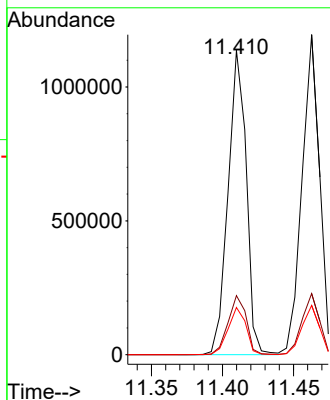
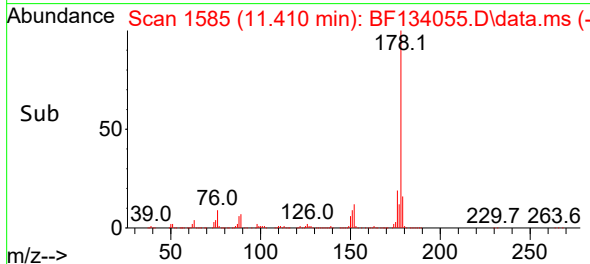
Instrument :
BNA_F
ClientSampleId :
PB153876BS



Tgt Ion:178 Resp: 1012694
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.5 12.4 18.6

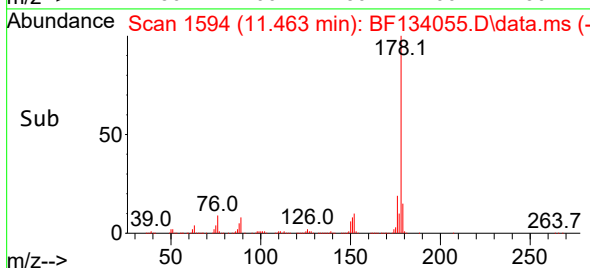
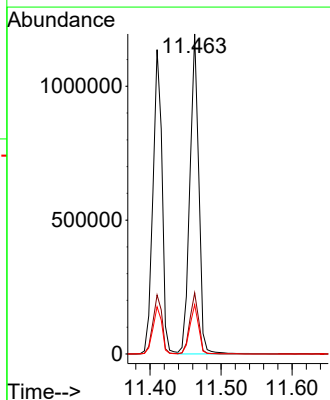
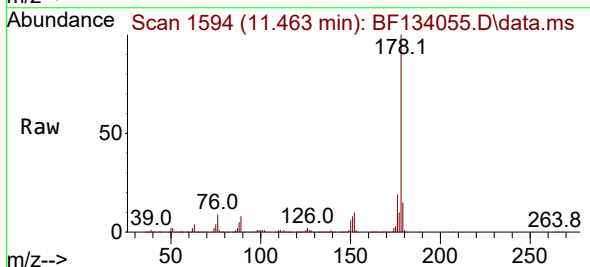
Manual Integrations
APPROVED

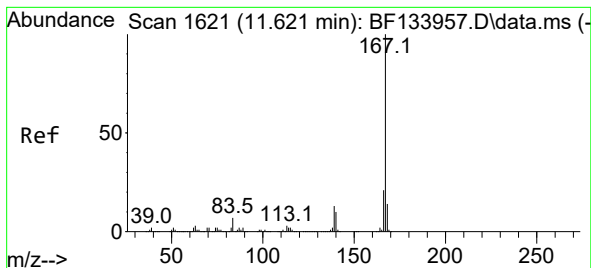
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#72
Anthracene
Concen: 40.721 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:178 Resp: 1042635
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.4 18.6





#73

Carbazole

Concen: 41.614 ng

RT: 11.622 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF134055.D

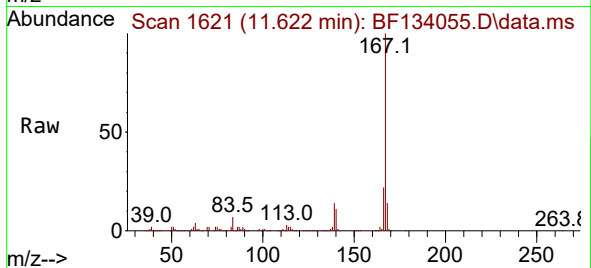
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS



Tgt Ion:167 Resp: 97525

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

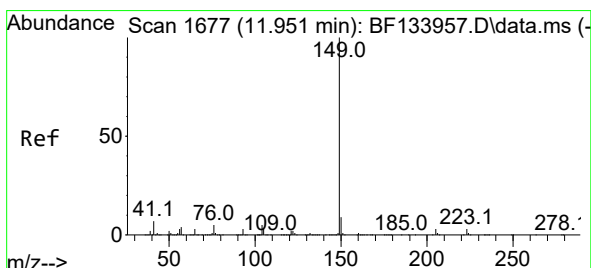
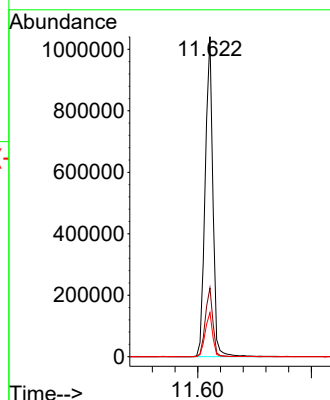
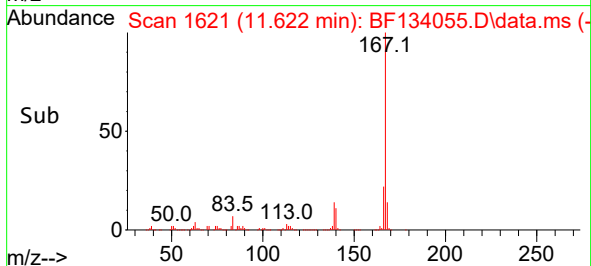
139 13.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#74

Di-n-butylphthalate

Concen: 43.705 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

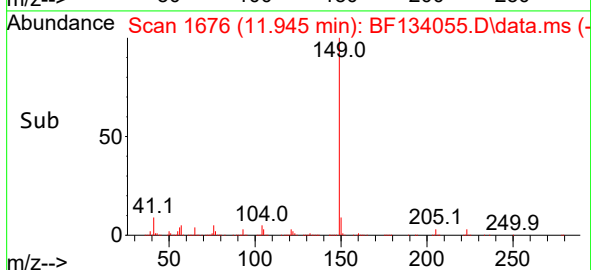
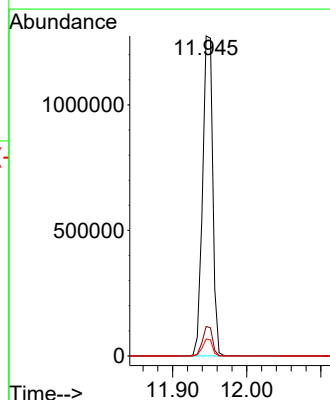
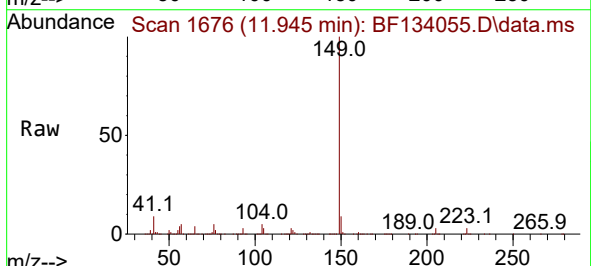
Tgt Ion:149 Resp: 1218053

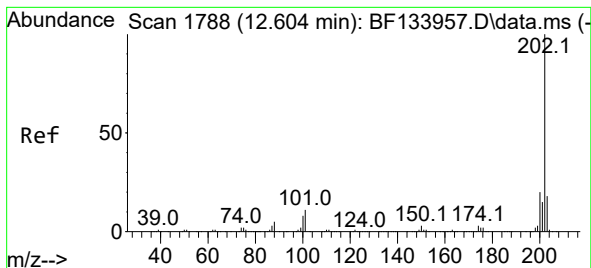
Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 41.758 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

Tgt Ion:202 Resp: 1111310

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

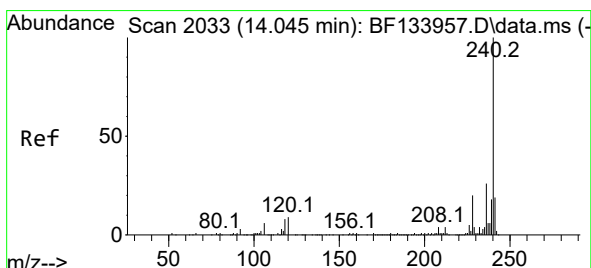
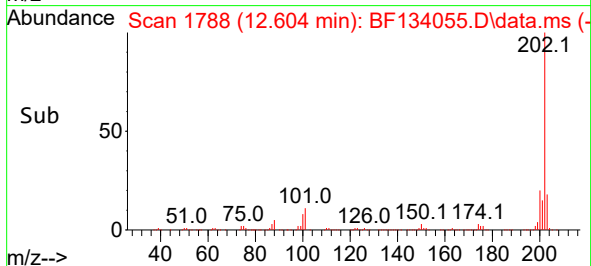
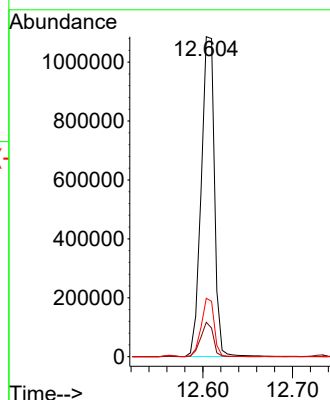
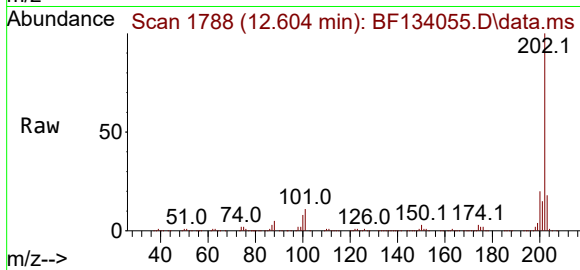
203 18.2 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

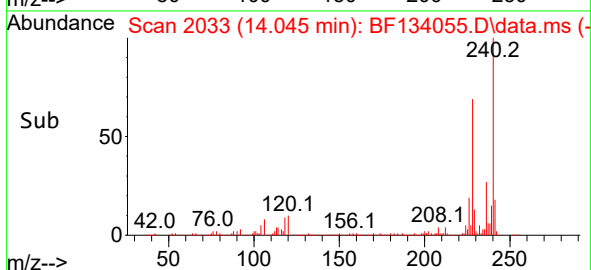
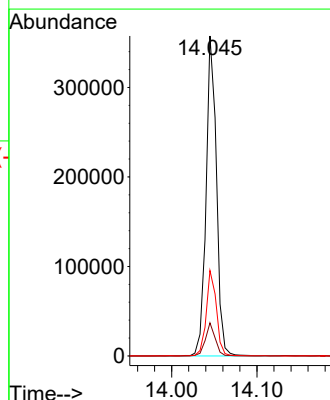
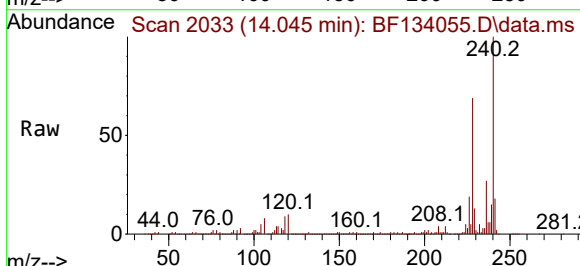
Tgt Ion:240 Resp: 302381

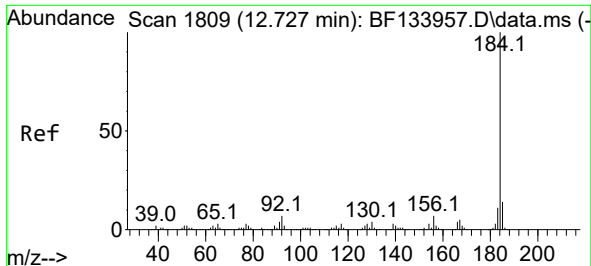
Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

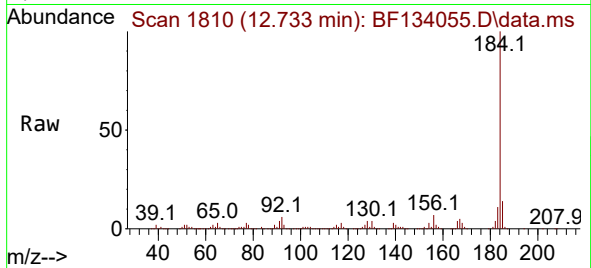
236 26.7 21.0 31.6





#77
Benzidine
Concen: 102.962 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

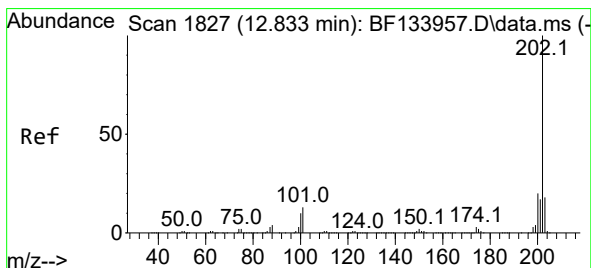
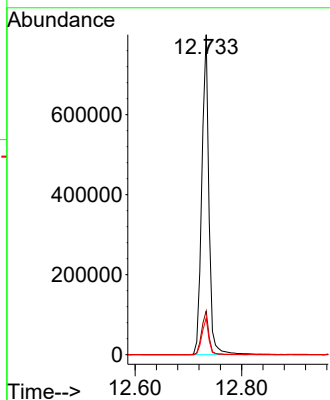
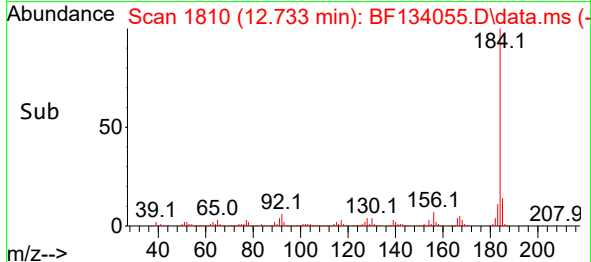
Instrument :
BNA_F
ClientSampleId :
PB153876BS



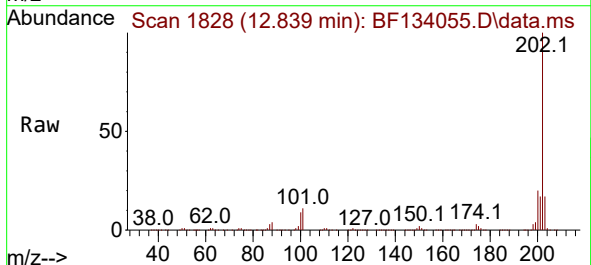
Tgt Ion:184 Resp: 740804
Ion Ratio Lower Upper
184 100
185 13.6 11.6 17.4
183 11.4 8.8 13.2

Manual Integrations
APPROVED

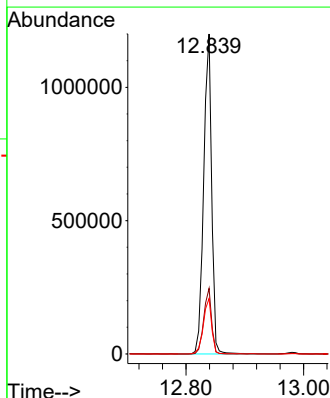
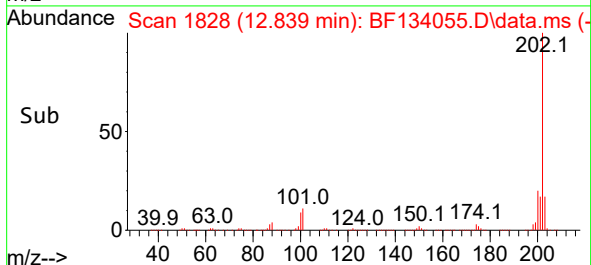
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

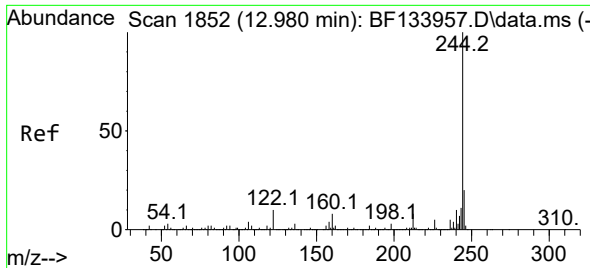


#78
Pyrene
Concen: 40.011 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



Tgt Ion:202 Resp: 1125933
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.4 14.3 21.5





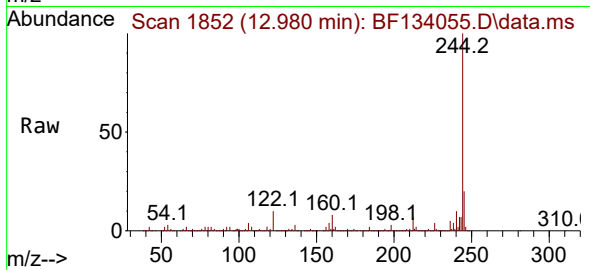
#79
 Terphenyl-d14
 Concen: 89.213 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134055.D
 Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS



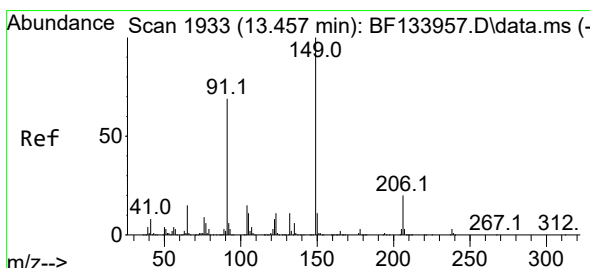
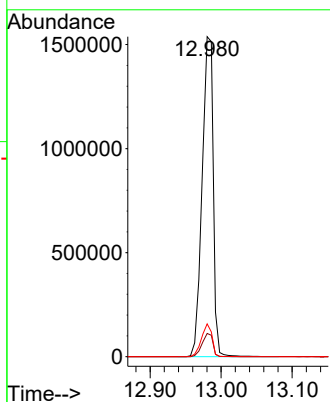
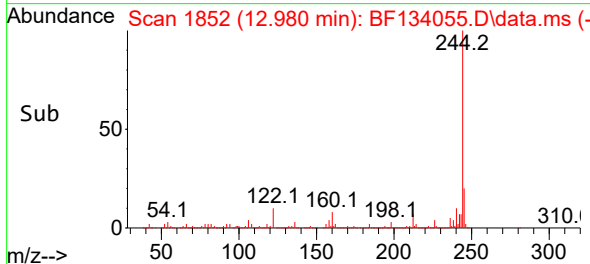
Tgt Ion:244 Resp: 167615
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.2 8.3 12.5

Manual Integrations

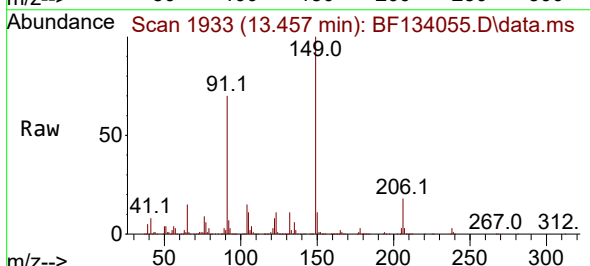
APPROVED

Reviewed By :Yogesh Patel 07/03/2023

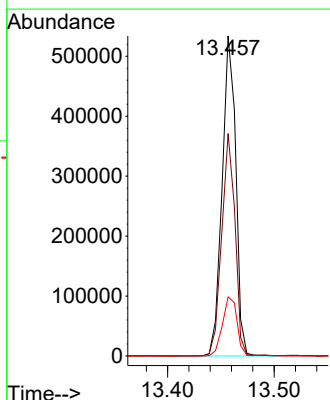
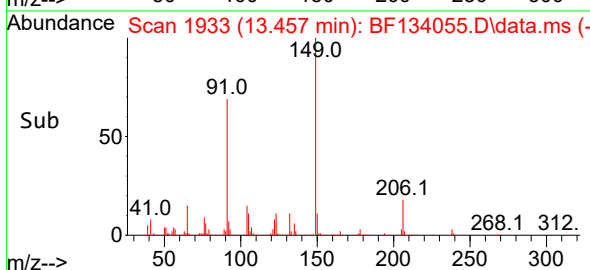
Supervised By :mohammad ahmed 07/07/2023

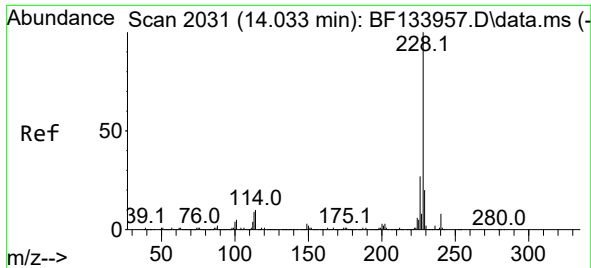


#80
 Butylbenzylphthalate
 Concen: 45.016 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF134055.D
 Acq: 30 Jun 2023 16:27



Tgt Ion:149 Resp: 475106
 Ion Ratio Lower Upper
 149 100
 91 69.5 55.1 82.7
 206 18.4 15.7 23.5





#81
Benzo(a)anthracene
Concen: 41.352 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

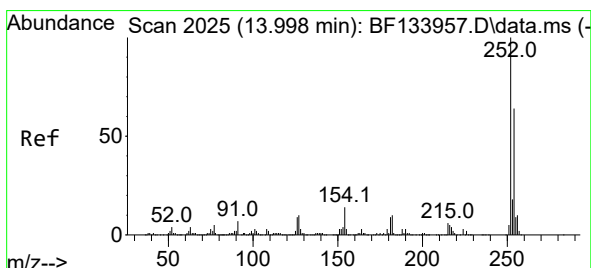
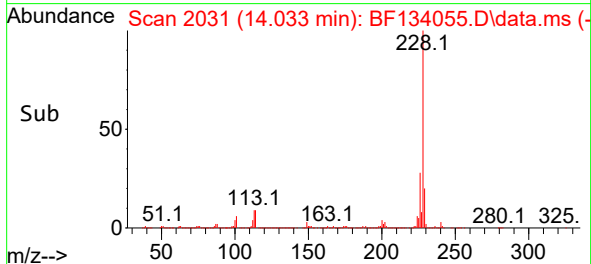
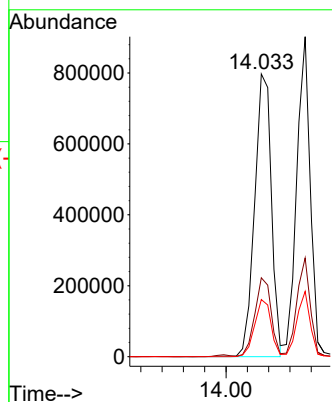
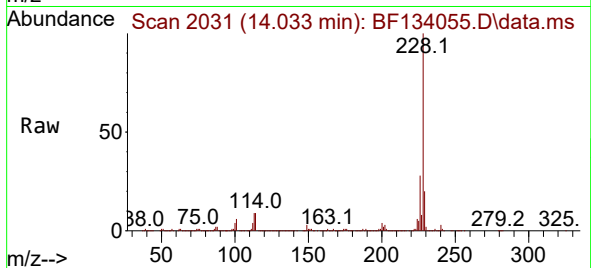
ClientSampleId :

PB153876BS

Tgt Ion:228 Resp: 86718
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.2 16.3 24.5

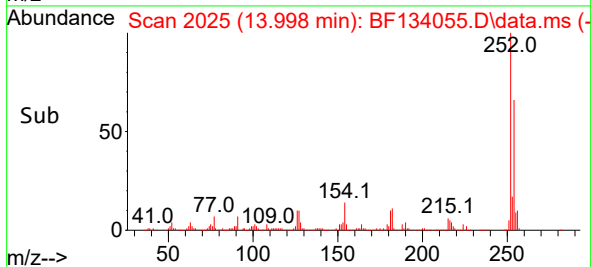
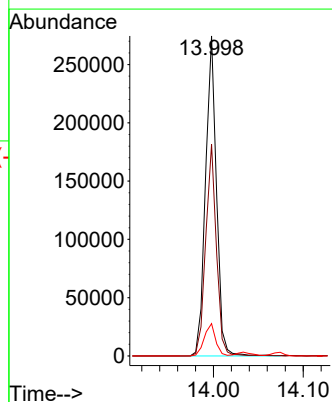
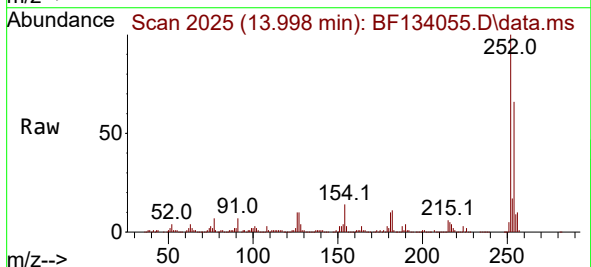
Manual Integrations
APPROVED

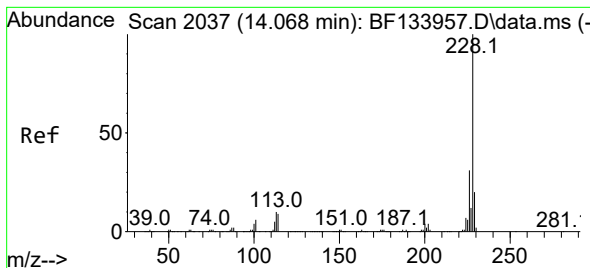
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.031 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:252 Resp: 232741
Ion Ratio Lower Upper
252 100
254 66.1 51.4 77.0
126 10.1 7.4 11.2





#83

Chrysene

Concen: 39.362 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

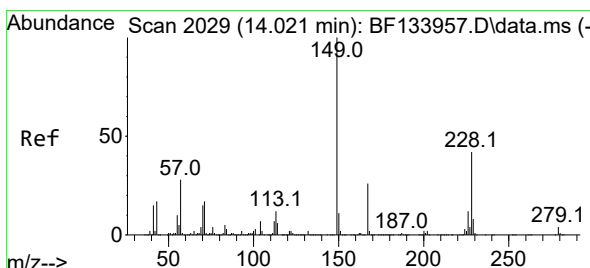
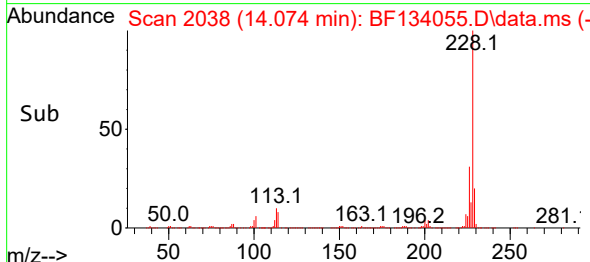
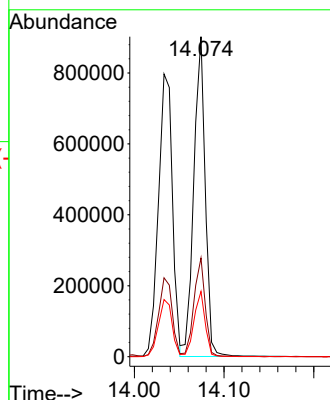
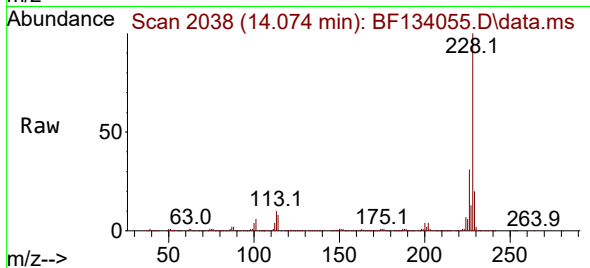
Tgt Ion:228 Resp: 799495
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.511 ng

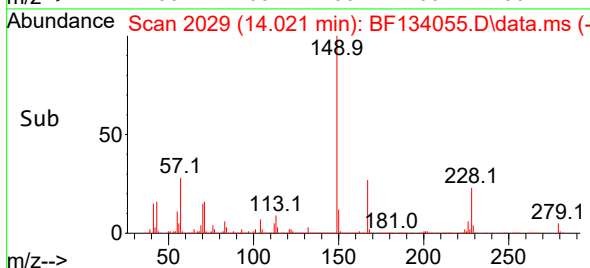
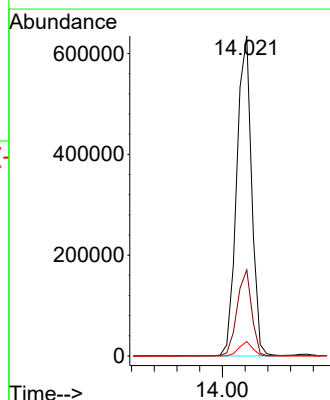
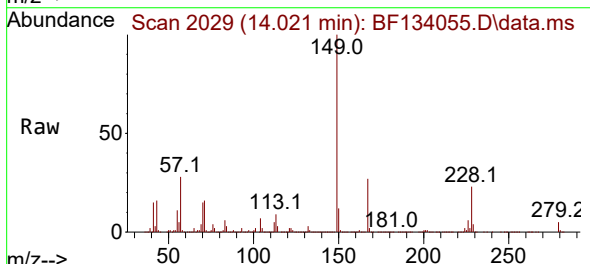
RT: 14.021 min Scan# 2029

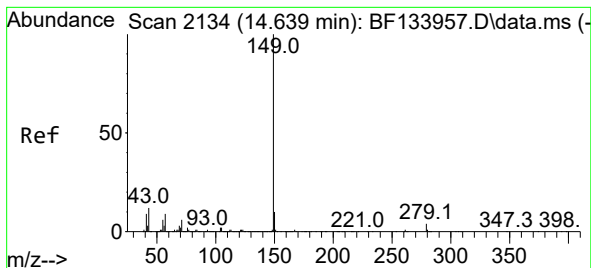
Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

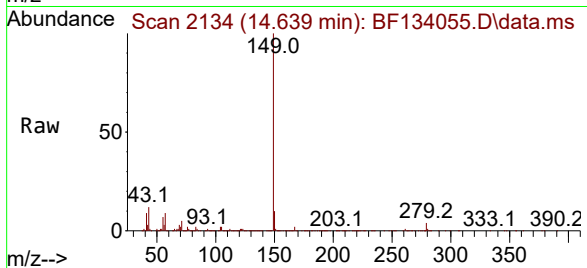
Tgt Ion:149 Resp: 576176
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 4.5 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 44.616 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

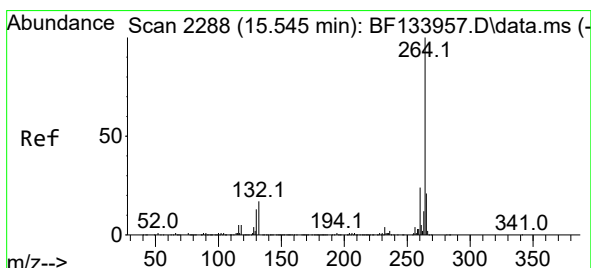
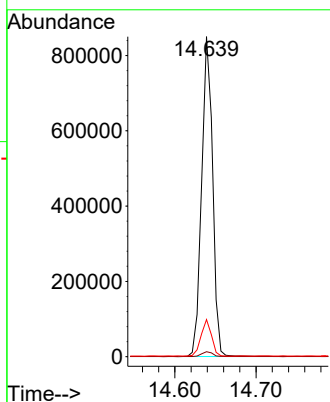
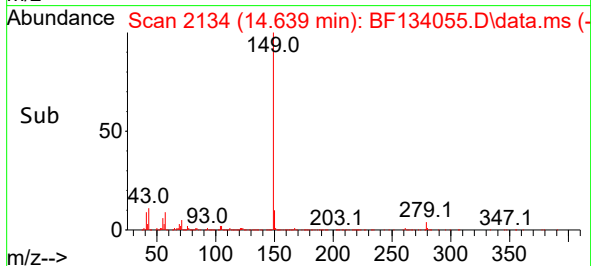
Instrument :
BNA_F
ClientSampleId :
PB153876BS



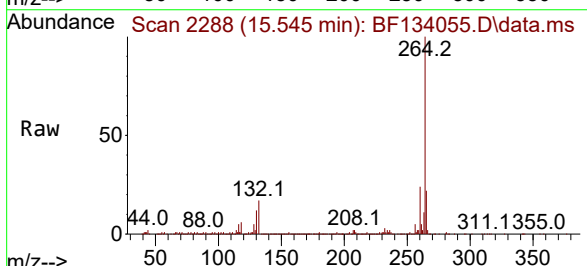
Tgt Ion:149 Resp: 795028
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 9.0 13.4

Manual Integrations
APPROVED

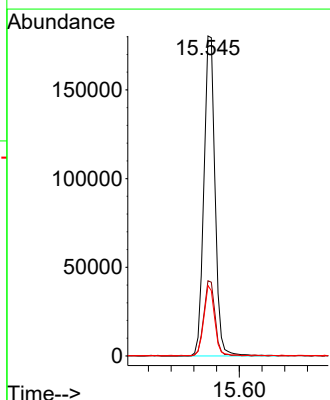
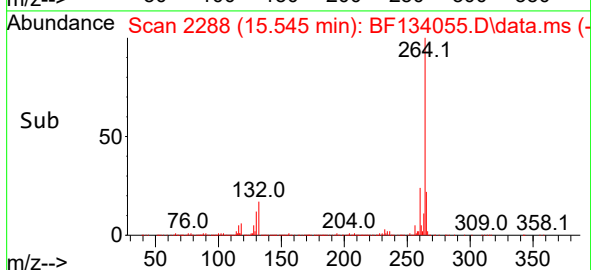
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

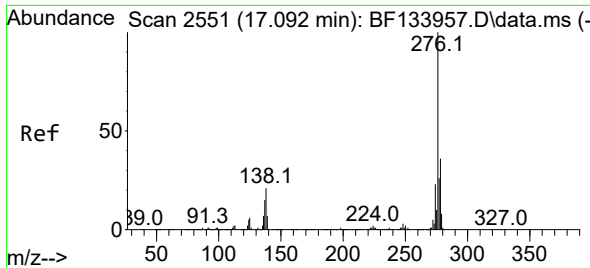


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27



Tgt Ion:264 Resp: 244558
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 22.0 16.6 25.0





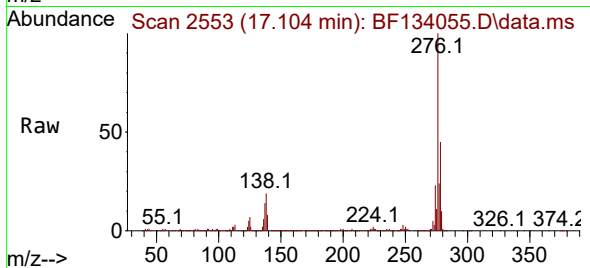
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.112 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

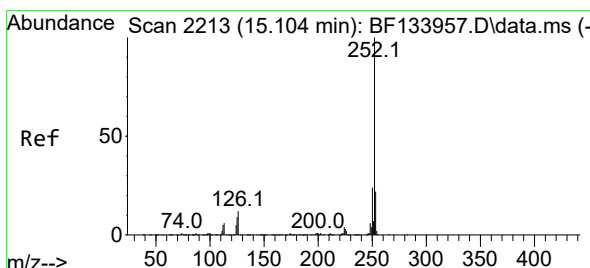
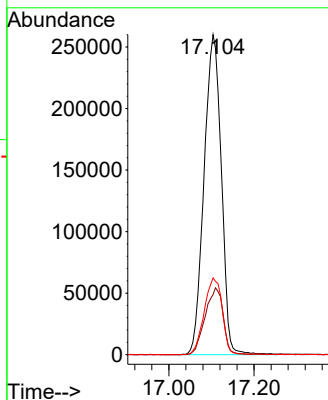
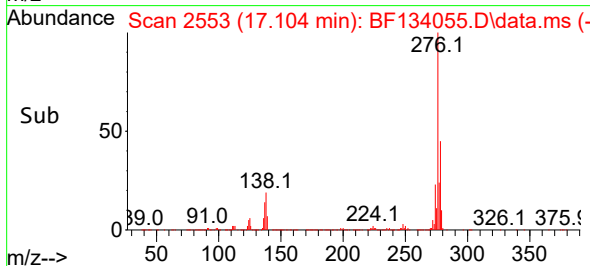
PB153876BS



Tgt Ion:276 Resp: 73160
Ion Ratio Lower Upper
276 100
138 21.8 18.7 28.1
277 24.9 19.9 29.9

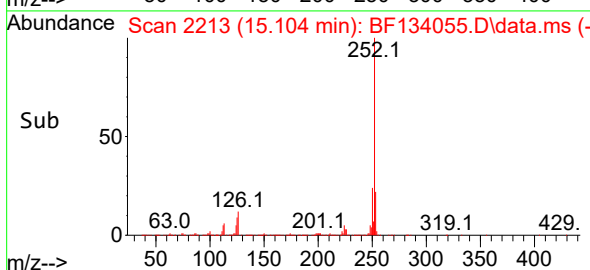
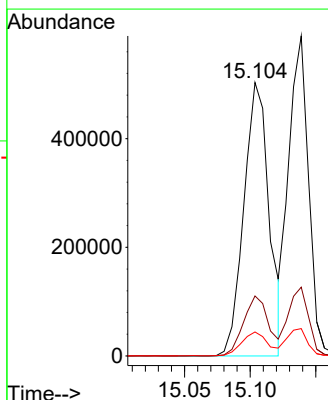
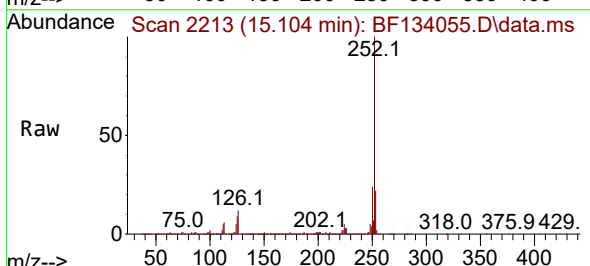
Manual Integrations
APPROVED

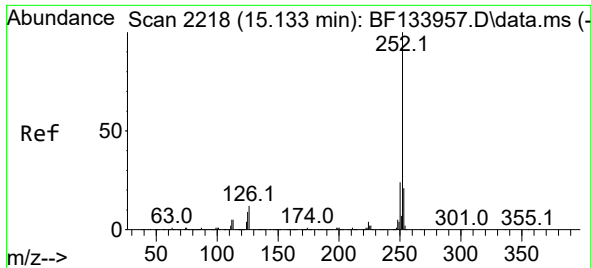
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023



#88
Benzo(b)fluoranthene
Concen: 46.994 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:252 Resp: 675778
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.8 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 42.867 ng

RT: 15.139 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB153876BS

Tgt Ion:252 Resp: 627629

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

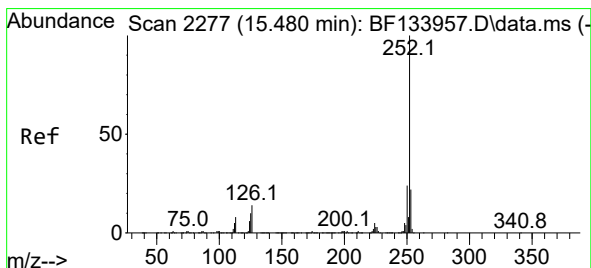
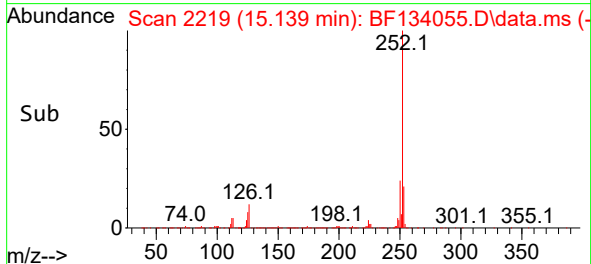
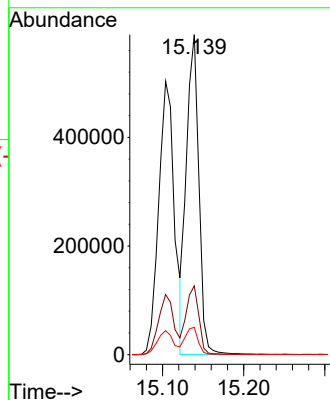
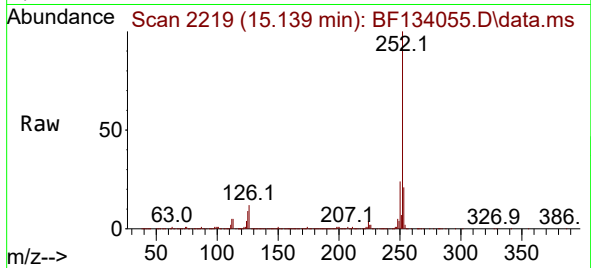
125 8.6 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/07/2023



#90

Benzo(a)pyrene

Concen: 40.269 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF134055.D

Acq: 30 Jun 2023 16:27

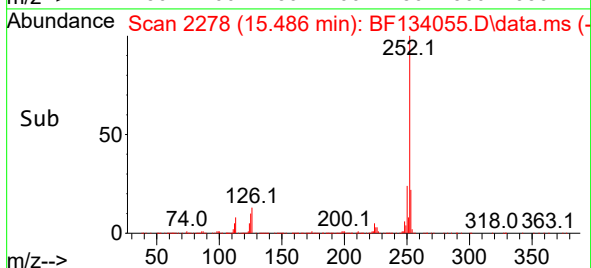
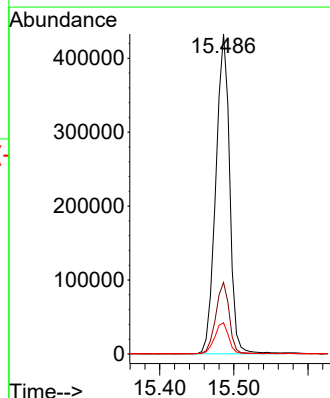
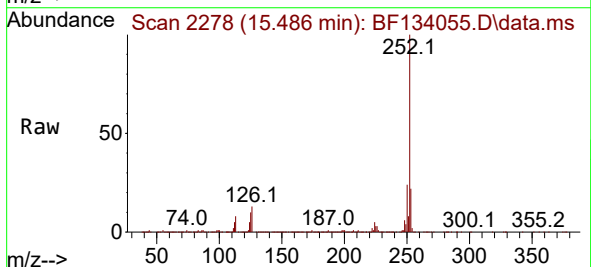
Tgt Ion:252 Resp: 559954

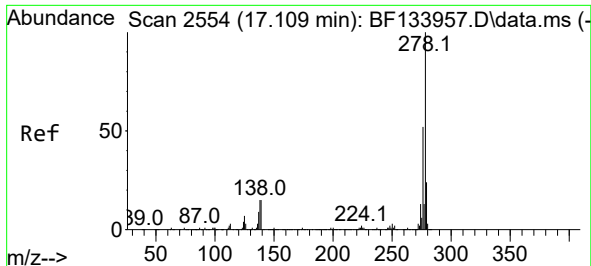
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.7 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 43.270 ng
RT: 17.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Instrument :

BNA_F

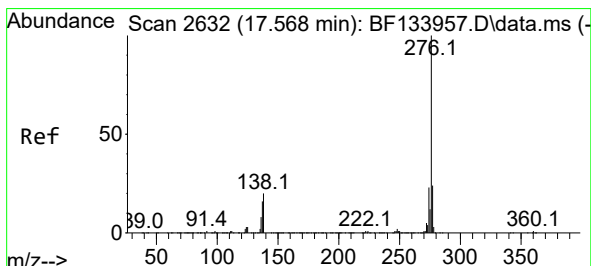
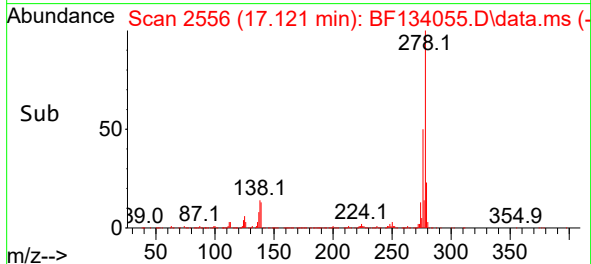
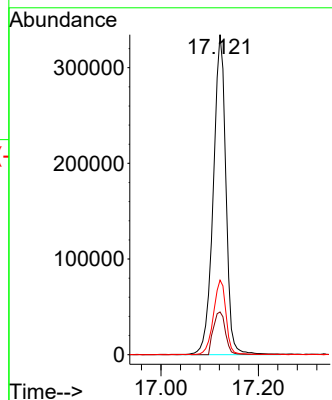
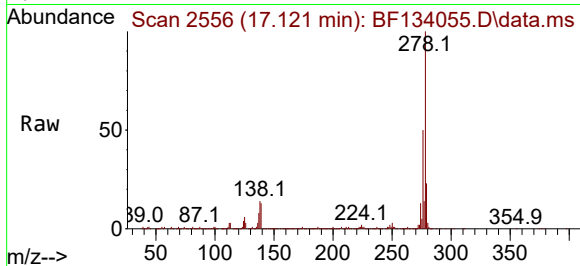
ClientSampleId :

PB153876BS

Tgt Ion:278 Resp: 599754
Ion Ratio Lower Upper
278 100
139 13.4 12.2 18.4
279 23.3 19.4 29.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.166 ng
RT: 17.580 min Scan# 2634
Delta R.T. -0.000 min
Lab File: BF134055.D
Acq: 30 Jun 2023 16:27

Tgt Ion:276 Resp: 602719
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 18.5 16.2 24.2

