

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134207.D
 Acq On : 11 Jul 2023 11:16
 Operator : CG\JU
 Sample : PB154009BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154009BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 01:01:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	121010	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	465030	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	238682	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	468832	20.000	ng	0.00
76) Chrysene-d12	14.045	240	251731	20.000	ng	0.00
86) Perylene-d12	15.545	264	188195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	839609	116.062	ng	0.01
7) Phenol-d6	6.486	99	1006495	113.133	ng	0.00
23) Nitrobenzene-d5	7.410	82	683574	79.239	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	308008	102.923	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1261134	76.820	ng	0.00
79) Terphenyl-d14	12.980	244	1404064	89.768	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	115388	38.684	ng	99
3) Pyridine	3.487	79	252375	32.483	ng	96
4) n-Nitrosodimethylamine	3.446	42	179368	40.421	ng	97
6) Aniline	6.510	93	245075	22.638	ng	# 88
8) 2-Chlorophenol	6.634	128	309800	42.187	ng	97
9) Benzaldehyde	6.398	77	126511	23.060	ng	95
10) Phenol	6.504	94	395746	42.307	ng	90
11) bis(2-Chloroethyl)ether	6.586	93	310300	45.058	ng	95
12) 1,3-Dichlorobenzene	6.786	146	356142	45.490	ng	98
13) 1,4-Dichlorobenzene	6.863	146	360572	45.598	ng	100
14) 1,2-Dichlorobenzene	7.016	146	344425	46.507	ng	97
15) Benzyl Alcohol	6.992	79	293185	42.748	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	517885	42.508	ng	97
17) 2-Methylphenol	7.104	107	278181	42.303	ng	98
18) Hexachloroethane	7.351	117	135952	46.367	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	232452	41.201	ng	97
20) 3+4-Methylphenols	7.257	107	331379	41.538	ng	94
22) Acetophenone	7.257	105	459532	43.451	ng	97
24) Nitrobenzene	7.428	77	365361	41.911	ng	94
25) Isophorone	7.669	82	632443	40.338	ng	99
26) 2-Nitrophenol	7.745	139	183037	43.768	ng	98
27) 2,4-Dimethylphenol	7.781	122	286528	43.284	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	333773	36.766	ng	99
29) 2,4-Dichlorophenol	7.986	162	276259	42.086	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	295463	43.622	ng	99
31) Naphthalene	8.151	128	923628	41.119	ng	100
32) Benzoic acid	7.910	122	195291m	39.370	ng	
33) 4-Chloroaniline	8.198	127	115564	12.027	ng	99
34) Hexachlorobutadiene	8.257	225	181656	42.517	ng	99
35) Caprolactam	8.580	113	99072m	45.838	ng	
36) 4-Chloro-3-methylphenol	8.686	107	279597	37.915	ng	97
37) 2-Methylnaphthalene	8.839	142	617951	38.903	ng	100
38) 1-Methylnaphthalene	8.939	142	584176	39.560	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	309573	43.779	ng	99
41) Hexachlorocyclopentadiene	8.992	237	276084	82.296	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	192995	40.092	ng	98

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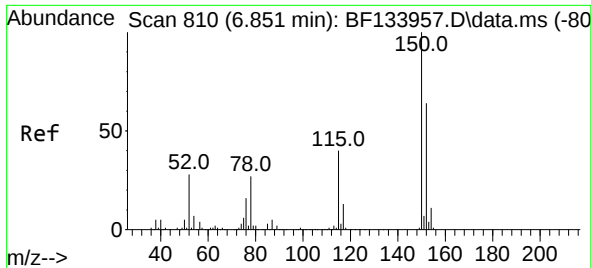
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 Supervised By :mohammad ahmed 07/12/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	216113	38.167	ng	97
46) 1,1'-Biphenyl	9.304	154	791718	41.351	ng	99
47) 2-Chloronaphthalene	9.333	162	589206	42.060	ng	100
48) 2-Nitroaniline	9.433	65	208586	40.856	ng	95
49) Acenaphthylene	9.751	152	959341	40.089	ng	99
50) Dimethylphthalate	9.610	163	697276	40.245	ng	100
51) 2,6-Dinitrotoluene	9.675	165	154361	41.365	ng	91
52) Acenaphthene	9.922	154	570414	41.079	ng	99
53) 3-Nitroaniline	9.845	138	125842	28.110	ng	100
54) 2,4-Dinitrophenol	9.957	184	175017	81.152	ng	95
55) Dibenzofuran	10.092	168	816837	37.640	ng	98
56) 4-Nitrophenol	10.016	139	247703	79.101	ng	97
57) 2,4-Dinitrotoluene	10.086	165	190174	38.589	ng	95
58) Fluorene	10.439	166	689206	40.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	180034	40.308	ng	100
60) Diethylphthalate	10.310	149	701629	38.869	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	325134	39.961	ng	96
62) 4-Nitroaniline	10.469	138	172195	38.166	ng	96
63) Azobenzene	10.592	77	579861	33.960	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	104250	40.786	ng	97
66) n-Nitrosodiphenylamine	10.551	169	530932	35.444	ng	100
67) 4-Bromophenyl-phenylether	10.921	248	186015	37.329	ng	98
68) Hexachlorobenzene	10.986	284	215320	40.696	ng	96
69) Atrazine	11.080	200	162976	39.334	ng	98
70) Pentachlorophenol	11.186	266	229917	72.678	ng	96
71) Phenanthrene	11.410	178	992420	42.048	ng	100
72) Anthracene	11.457	178	1020086	41.554	ng	100
73) Carbazole	11.616	167	977141	43.488	ng	99
74) Di-n-butylphthalate	11.945	149	1088498	40.737	ng	100
75) Fluoranthene	12.604	202	1047207	41.042	ng	100
77) Benzidine	12.727	184	160062	26.723	ng	98
78) Pyrene	12.833	202	1050690	44.850	ng	99
80) Butylbenzylphthalate	13.457	149	384516	43.763	ng	96
81) Benzo(a)anthracene	14.033	228	720991	41.299	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	183058	33.096	ng	# 97
83) Chrysene	14.068	228	696866	41.212	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	431532	42.743	ng	100
85) Di-n-octyl phthalate	14.639	149	528263	35.610	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	642601	49.208	ng	97
88) Benzo(b)fluoranthene	15.104	252	507839	45.892	ng	99
89) Benzo(k)fluoranthene	15.133	252	514820	45.693	ng	98
90) Benzo(a)pyrene	15.486	252	455893	42.604	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	532796	49.951	ng	98
92) Benzo(g,h,i)perylene	17.574	276	537333	48.851	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF134207.D
 Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

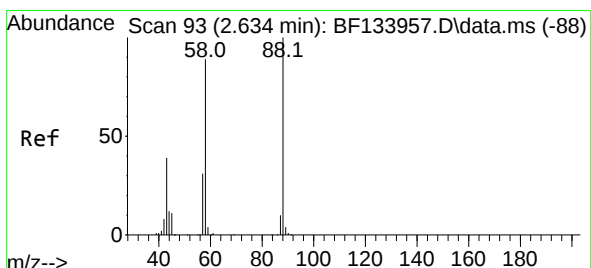
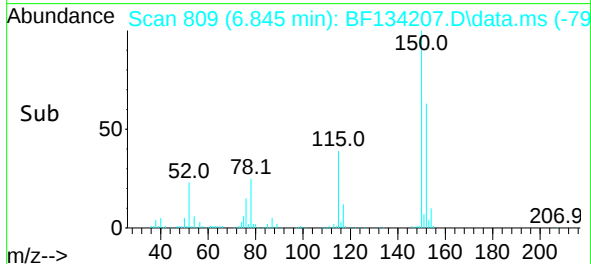
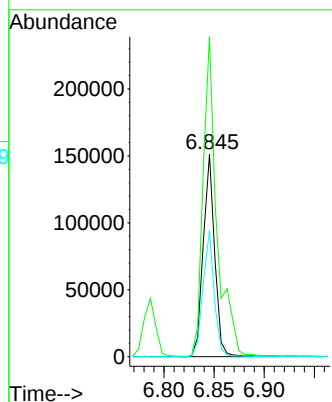
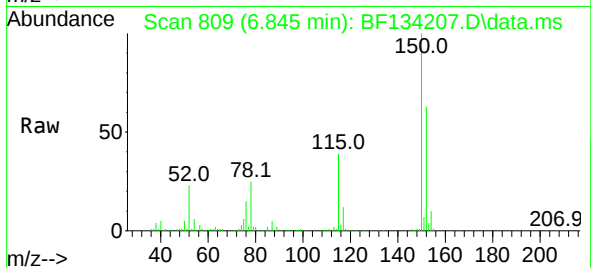
PB154009BS

Tgt Ion:152 Resp: 121010
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.5 186.7
 115 62.3 50.2 75.2

Manual Integrations

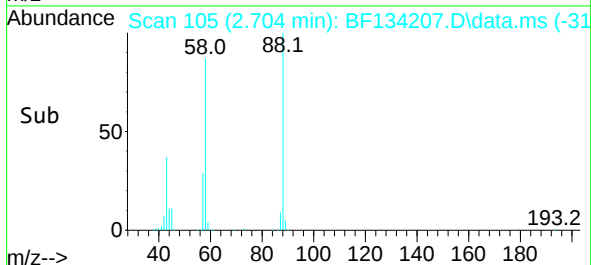
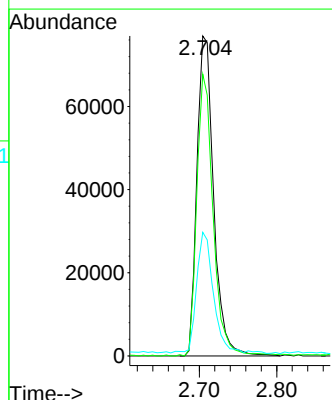
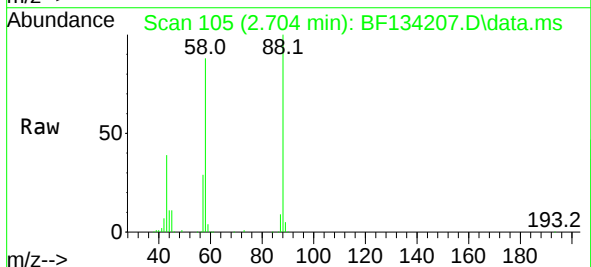
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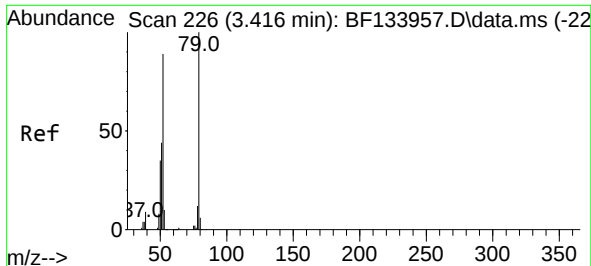
Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023



#2
 1,4-Dioxane
 Concen: 38.684 ng
 RT: 2.704 min Scan# 105
 Delta R.T. 0.088 min
 Lab File: BF134207.D
 Acq: 11 Jul 2023 11:16

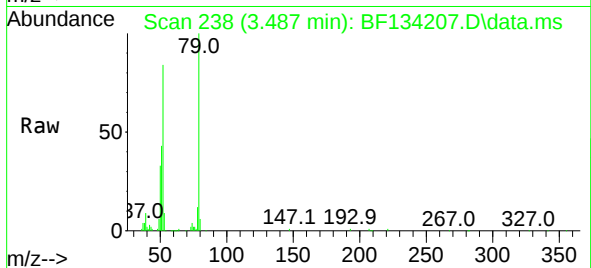
Tgt Ion: 88 Resp: 115388
 Ion Ratio Lower Upper
 88 100
 58 86.5 68.8 103.2
 43 37.1 30.7 46.1





#3
Pyridine
Concen: 32.483 ng
RT: 3.487 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

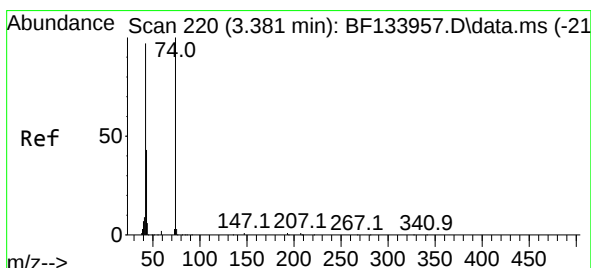
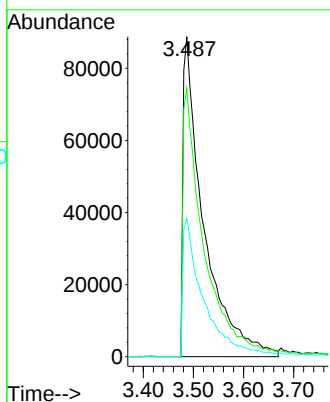
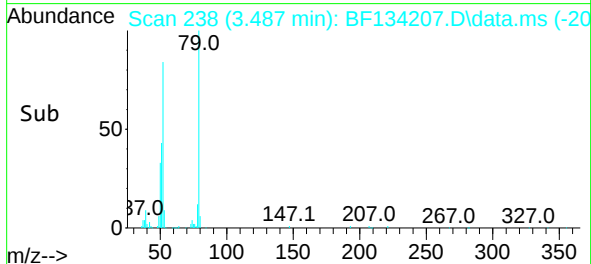
Instrument :
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ClientSampleId :
PB154009BS



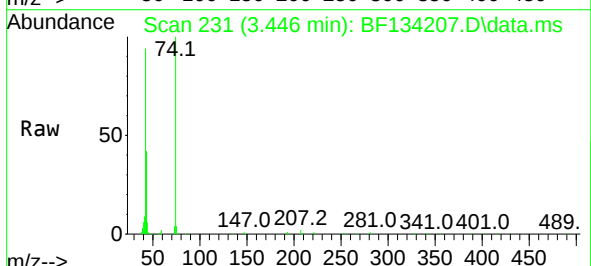
Tgt Ion: 79 Resp: 252379
Ion Ratio Lower Upper
79 100
52 84.0 71.1 106.7
51 43.3 35.2 52.8

Manual Integrations
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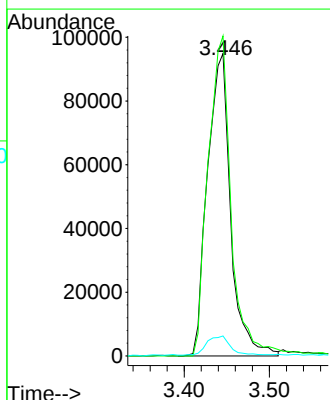
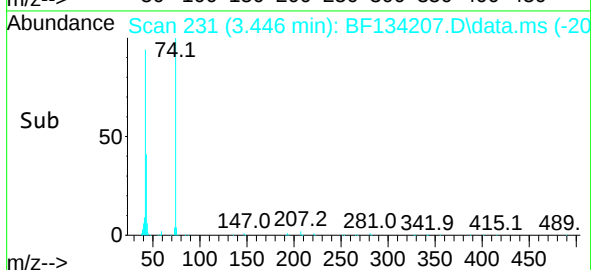
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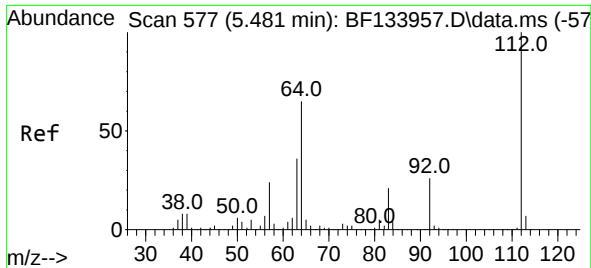


#4
n-Nitrosodimethylamine
Concen: 40.421 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.082 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion: 42 Resp: 179368
Ion Ratio Lower Upper
42 100
74 105.8 82.4 123.6
44 6.6 4.9 7.3





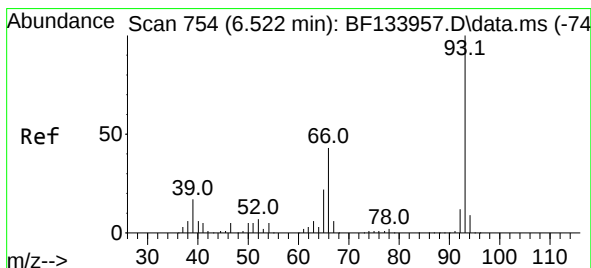
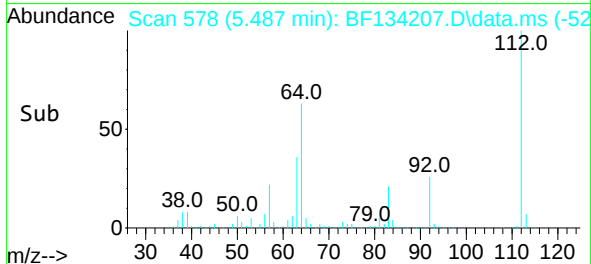
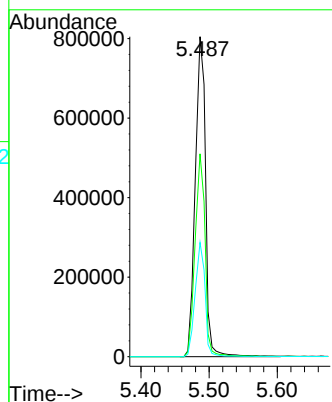
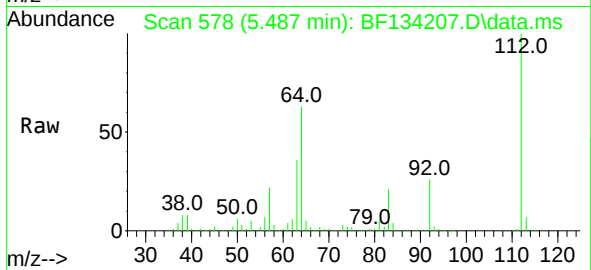
#5
2-Fluorophenol
Concen: 116.062 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 839609
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 35.7 28.6 42.8

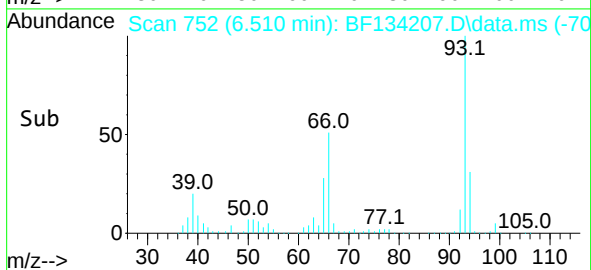
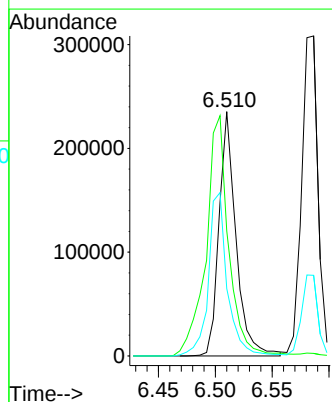
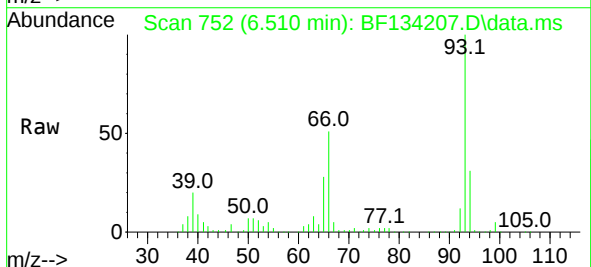
Manual Integrations
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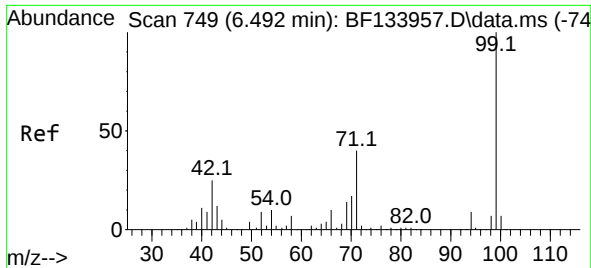
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#6
Aniline
Concen: 22.638 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

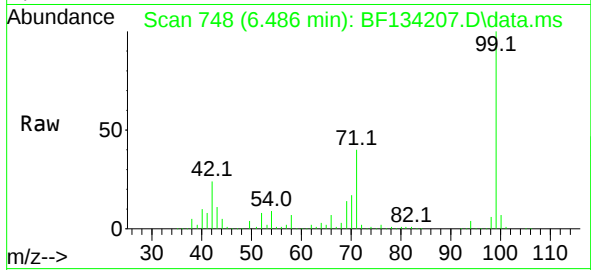
Tgt Ion: 93 Resp: 245075
Ion Ratio Lower Upper
93 100
66 51.1 34.5 51.7
65 27.6 17.8 26.6





#7
Phenol-d6
Concen: 113.133 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

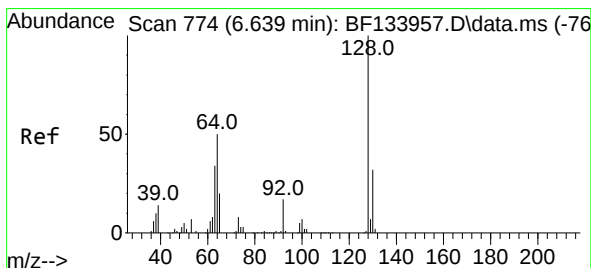
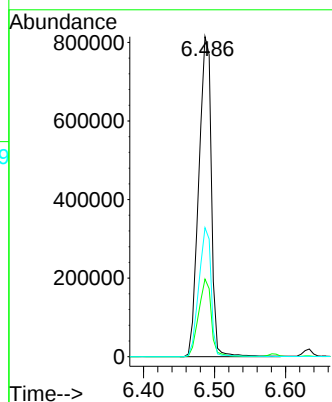
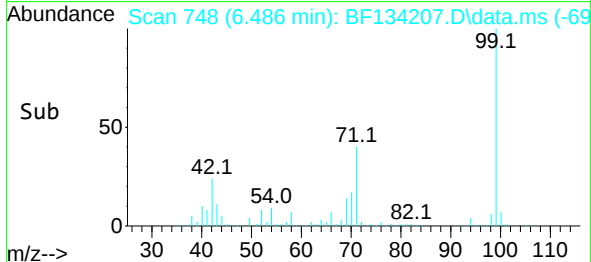
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 100649
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 40.3 31.9 47.9

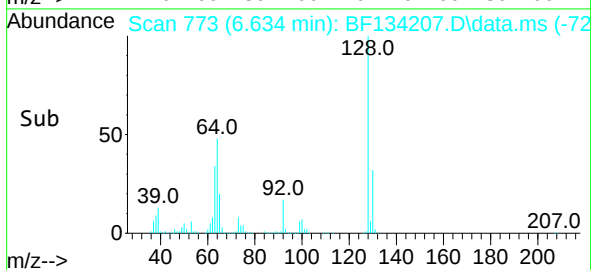
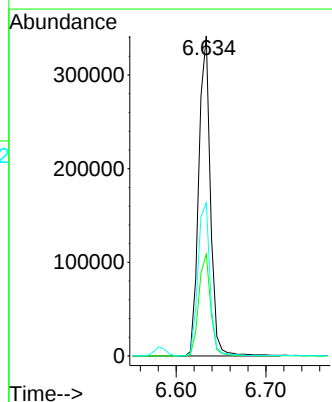
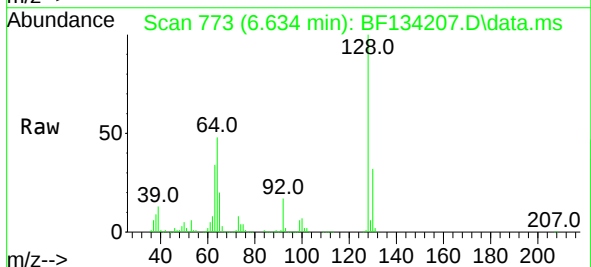
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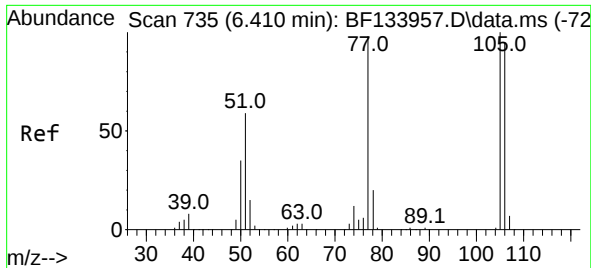
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#8
2-Chlorophenol
Concen: 42.187 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:128 Resp: 309800
Ion Ratio Lower Upper
128 100
130 31.8 11.7 51.7
64 47.8 31.3 71.3





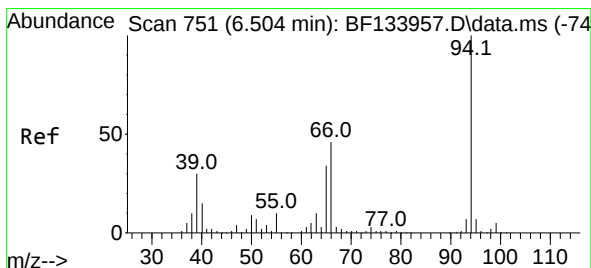
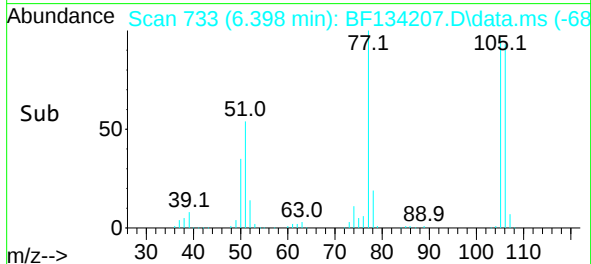
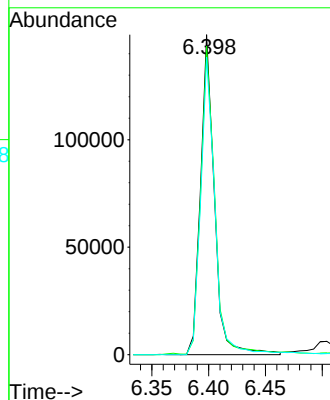
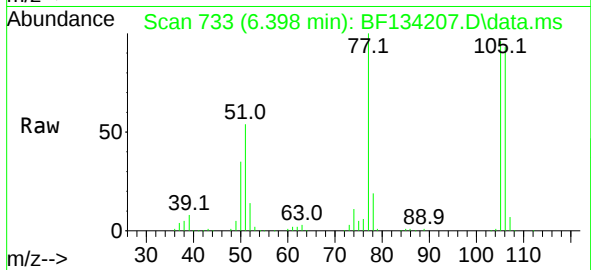
#9
Benzaldehyde
Concen: 23.060 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :
BNA_F
ClientSampleId :
PB154009BS

Tgt Ion: 77 Resp: 12651
Ion Ratio Lower Upper
77 100
105 96.5 82.0 122.0
106 92.9 76.9 116.9

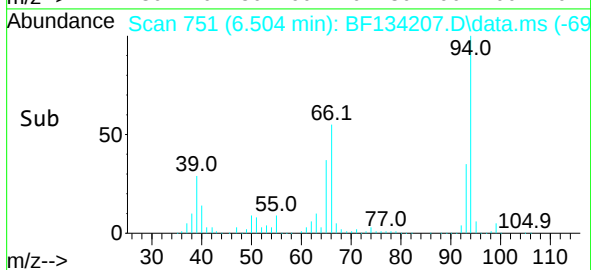
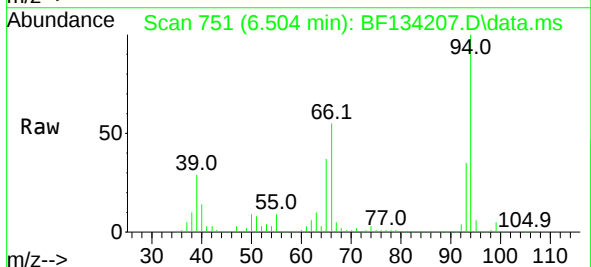
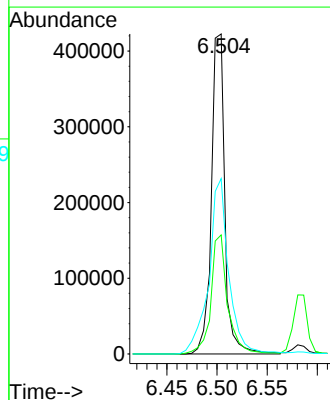
Manual Integrations
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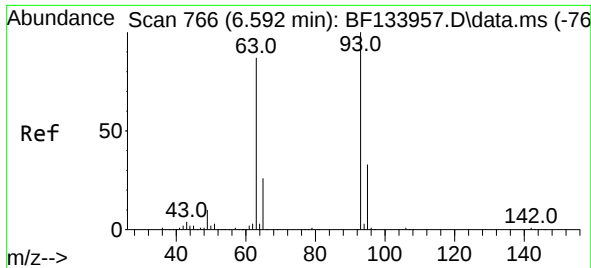
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#10
Phenol
Concen: 42.307 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion: 94 Resp: 395746
Ion Ratio Lower Upper
94 100
65 37.2 14.2 54.2
66 54.8 26.4 66.4





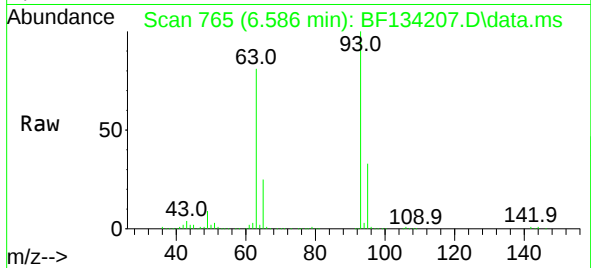
#11
bis(2-Chloroethyl)ether
Concen: 45.058 ng
RT: 6.586 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS

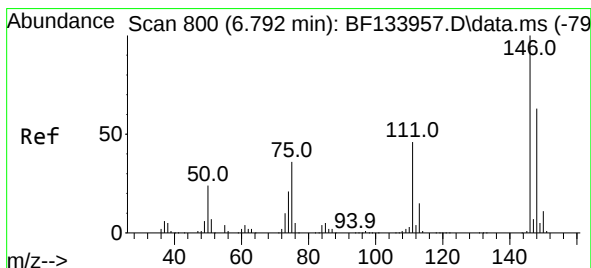
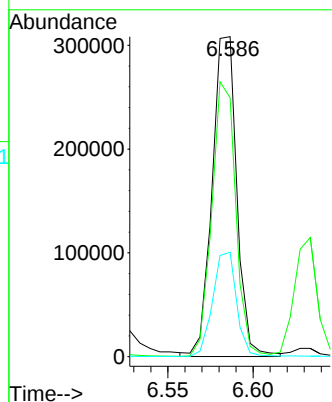
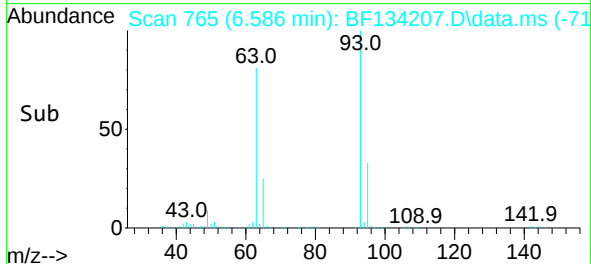


Tgt Ion: 93 Resp: 310300
Ion Ratio Lower Upper
93 100
63 80.9 66.5 106.5
95 32.7 12.9 52.9

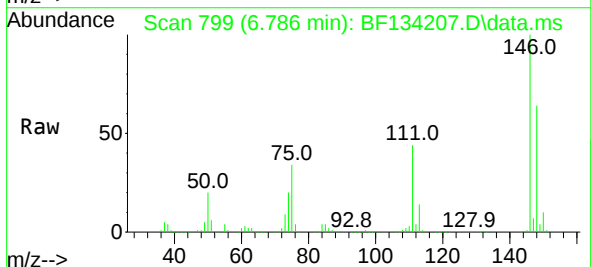
Manual Integrations

APPROVED

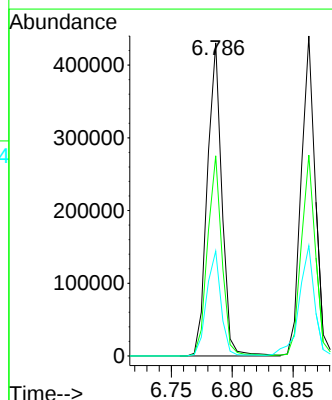
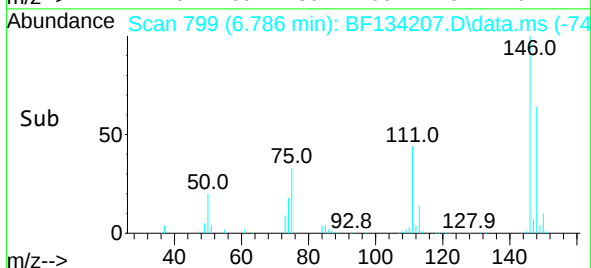
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

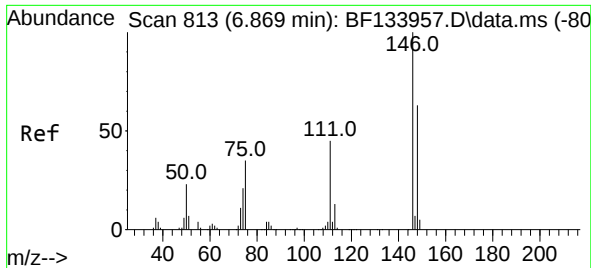


#12
1,3-Dichlorobenzene
Concen: 45.490 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion:146 Resp: 356142
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 33.5 29.0 43.6





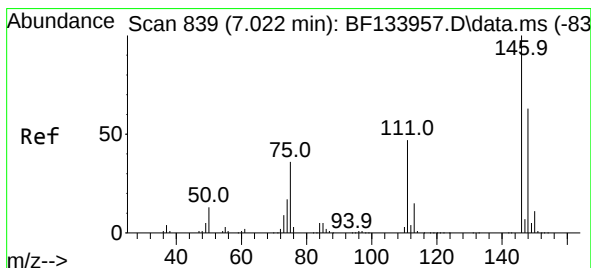
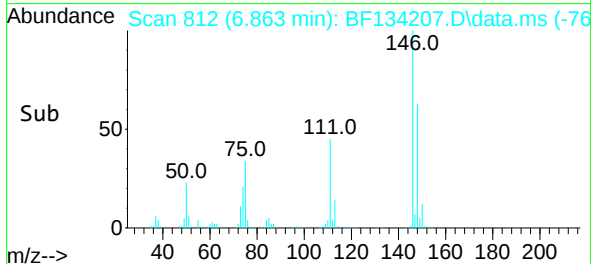
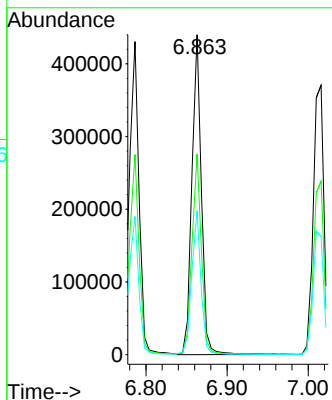
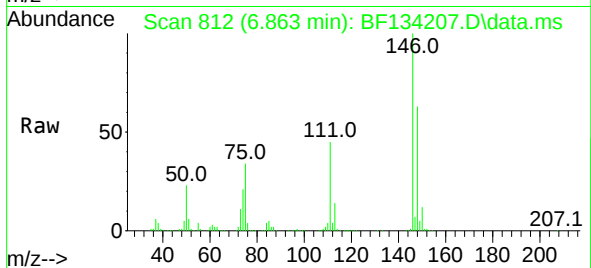
#13
1,4-Dichlorobenzene
Concen: 45.598 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :
BNA_F
ClientSampleId :
PB154009BS

Tgt Ion:146 Resp: 360572
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
111 45.0 35.8 53.6

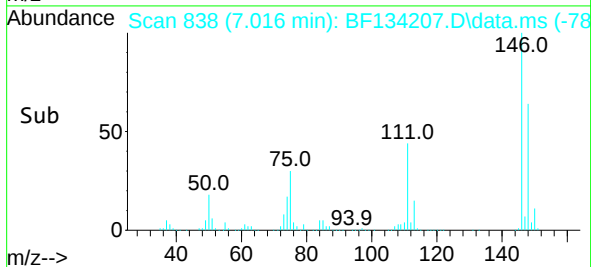
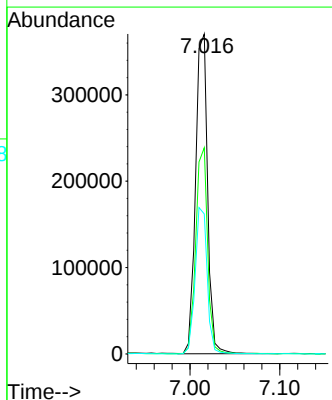
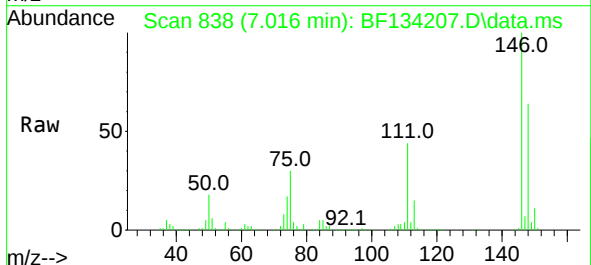
Manual Integrations
APPROVED

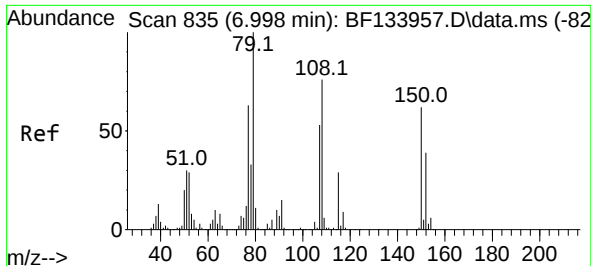
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#14
1,2-Dichlorobenzene
Concen: 46.507 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:146 Resp: 344425
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
111 43.8 38.0 57.0





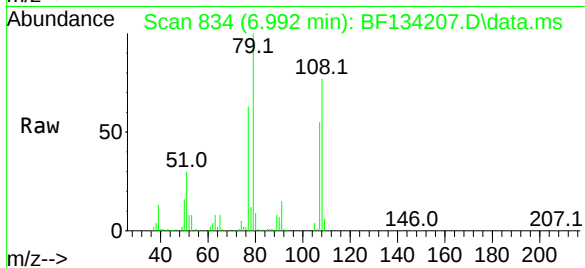
#15
Benzyl Alcohol
Concen: 42.748 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

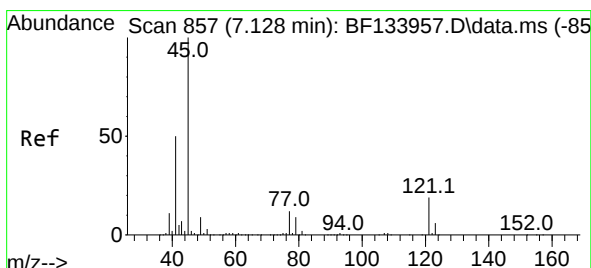
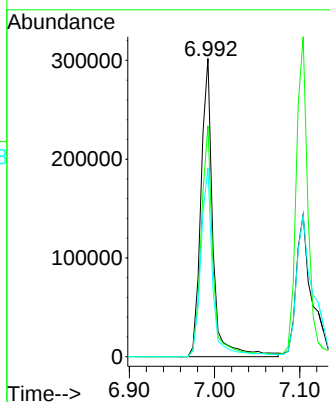
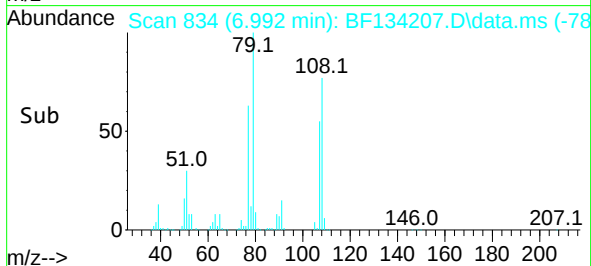
PB154009BS



Tgt Ion: 79 Resp: 293185
Ion Ratio Lower Upper
79 100
108 77.4 60.7 91.1
77 63.4 50.6 75.8

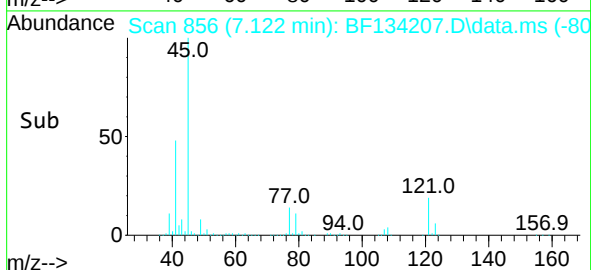
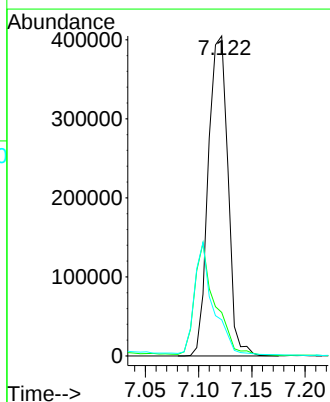
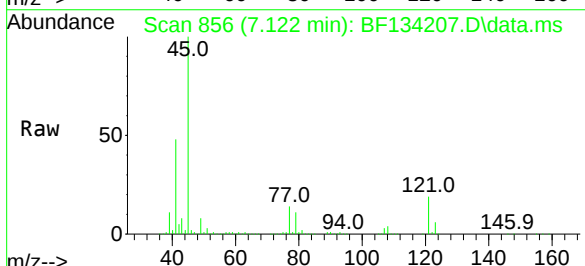
Manual Integrations
APPROVED

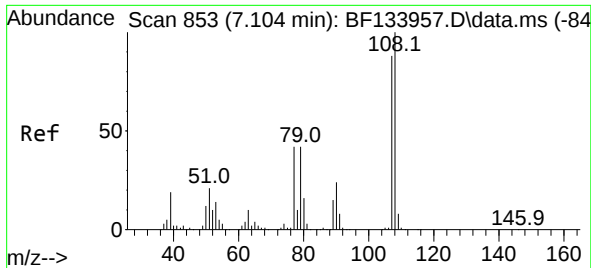
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.508 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

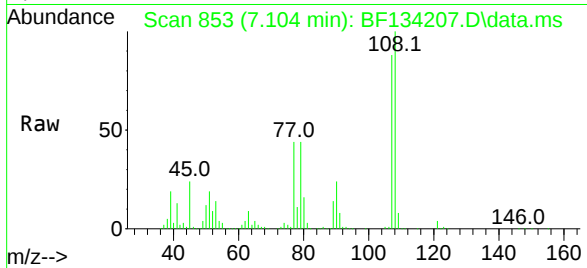
Tgt Ion: 45 Resp: 517885
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.9
79 11.3 0.0 29.5





#17
2-Methylphenol
Concen: 42.303 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

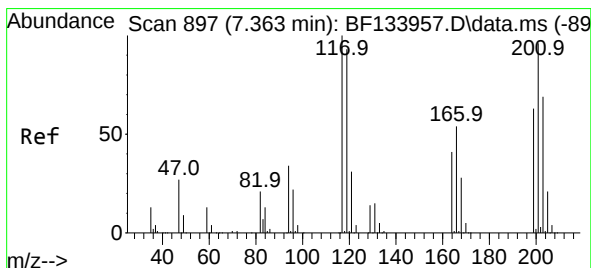
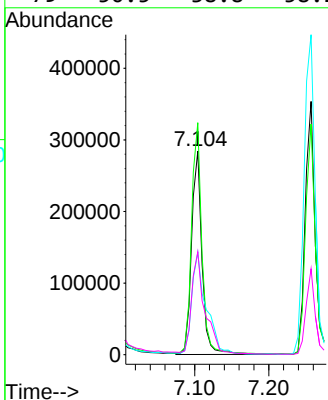
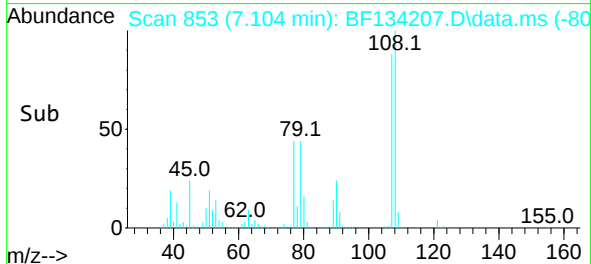
Instrument :
BNA_F
ClientSampleId :
PB154009BS



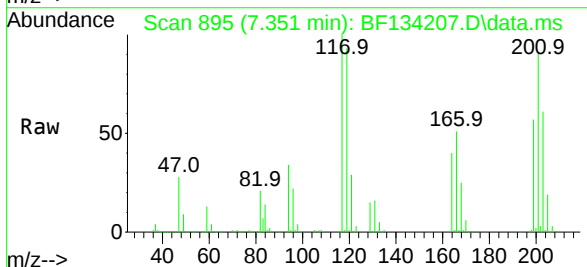
Tgt Ion:107 Resp: 27818
Ion Ratio Lower Upper
107 100
108 113.9 90.6 136.0
77 50.2 38.3 57.5
79 50.5 38.8 58.2

Manual Integrations
APPROVED

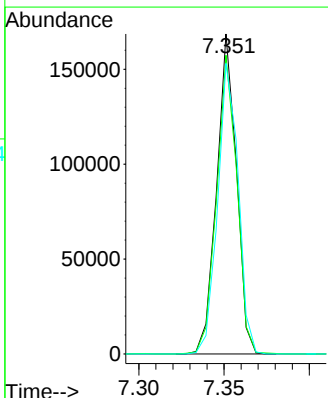
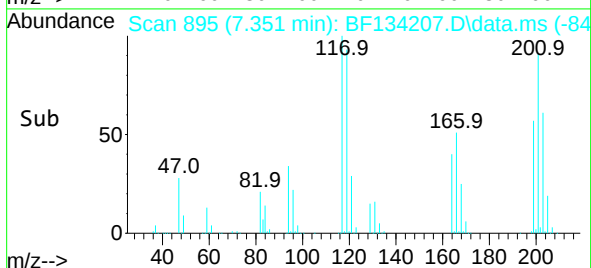
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

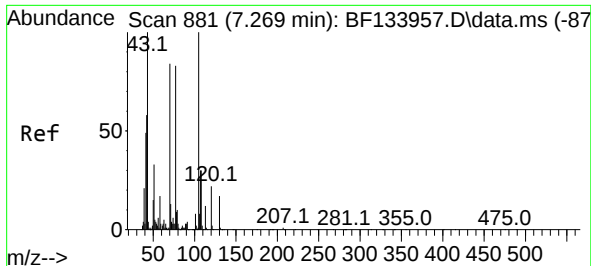


#18
Hexachloroethane
Concen: 46.367 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion:117 Resp: 135952
Ion Ratio Lower Upper
117 100
119 93.4 74.2 111.4
201 90.8 77.2 115.8





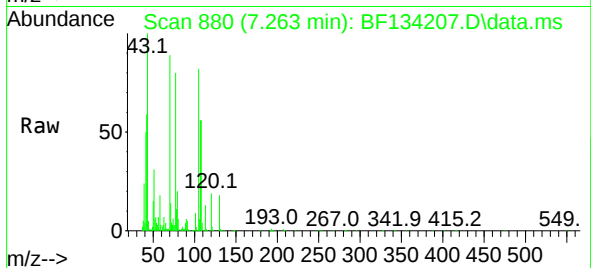
#19
n-Nitroso-di-n-propylamine
Concen: 41.201 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



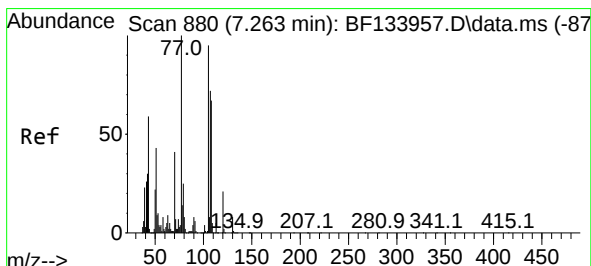
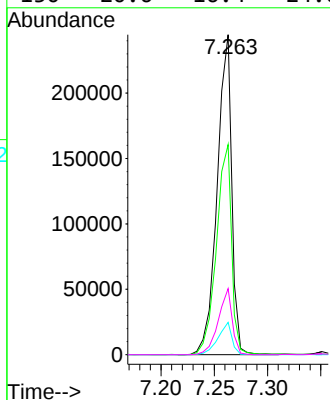
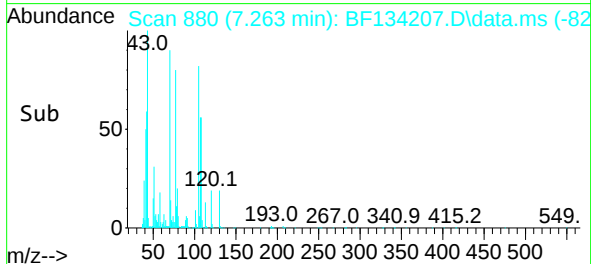
Tgt Ion: 70 Resp: 232452
Ion Ratio Lower Upper
70 100
42 65.7 54.7 82.1
101 10.1 7.7 11.5
130 20.6 16.4 24.6

Manual Integrations

APPROVED

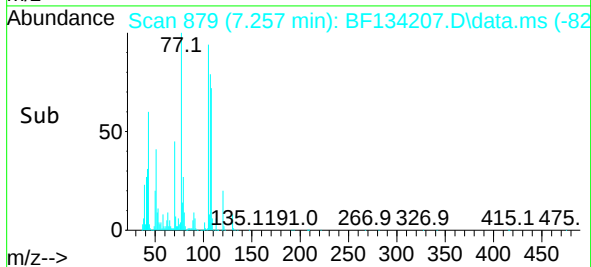
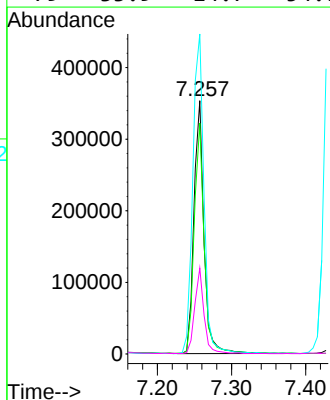
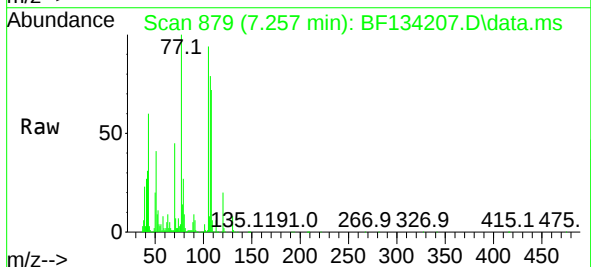
Reviewed By :Yogesh Patel 07/12/2023

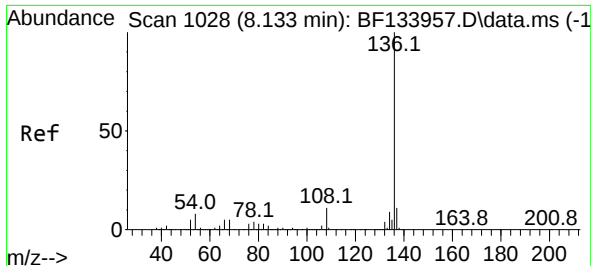
Supervised By :mohammad ahmed 07/12/2023



#20
3+4-Methylphenols
Concen: 41.538 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:107 Resp: 331379
Ion Ratio Lower Upper
107 100
108 91.1 73.2 113.2
77 126.3 118.3 158.3
79 33.9 14.7 54.7





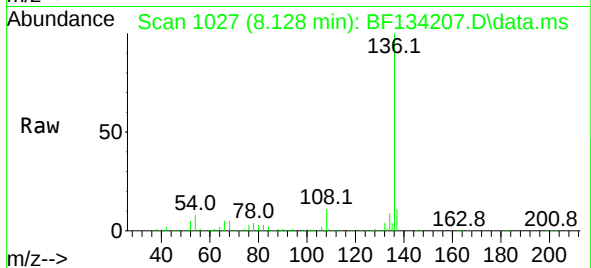
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS

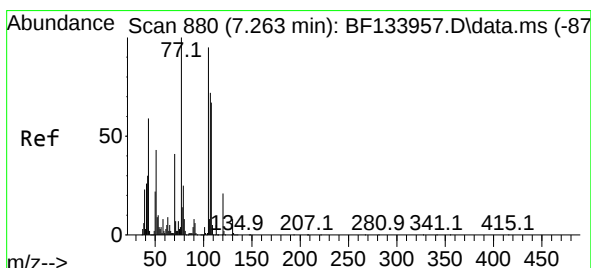
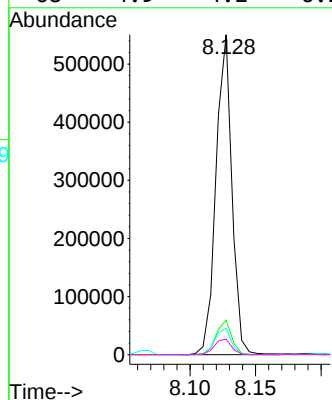
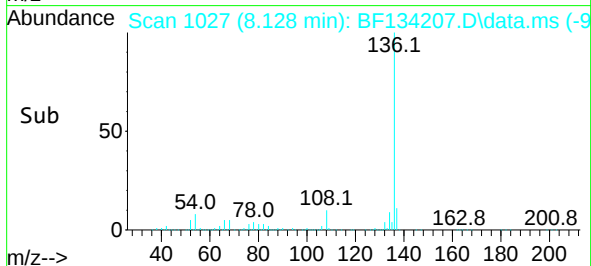


Tgt Ion:136 Resp: 465030
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.2 6.5 9.7
68 4.9 4.2 6.2

Manual Integrations

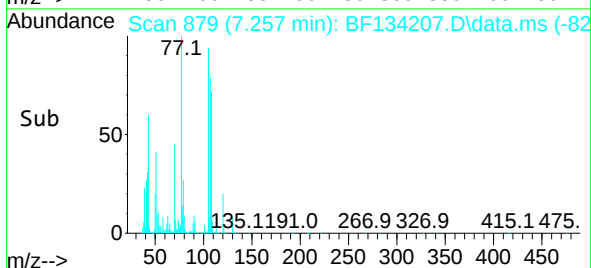
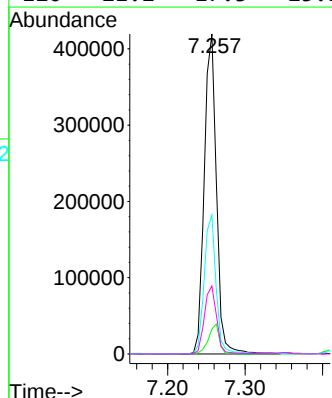
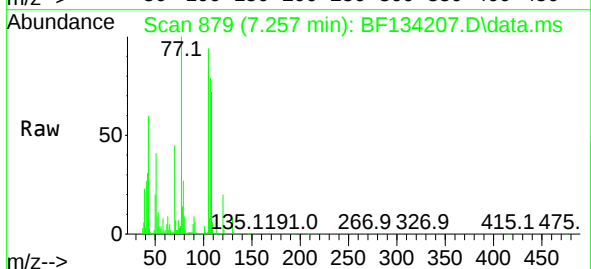
APPROVED

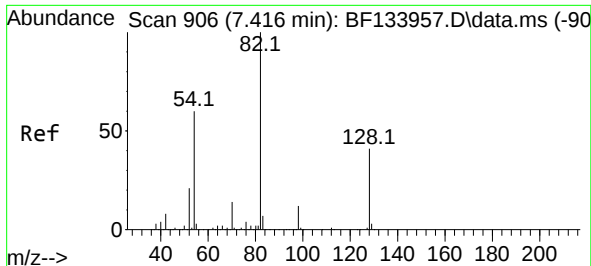
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Acetophenone
Concen: 43.451 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:105 Resp: 459532
Ion Ratio Lower Upper
105 100
71 7.8 5.5 8.3
51 43.4 36.5 54.7
120 21.2 17.3 25.9





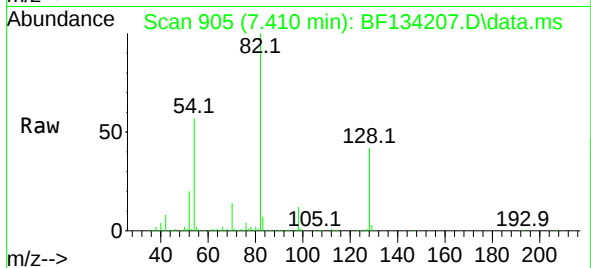
#23
Nitrobenzene-d5
Concen: 79.239 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

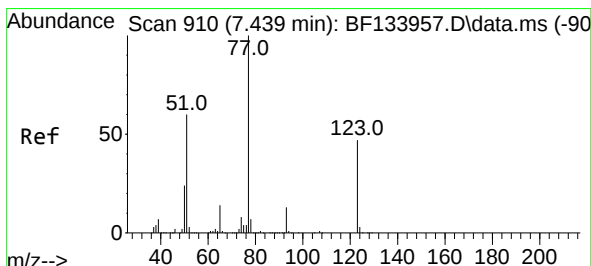
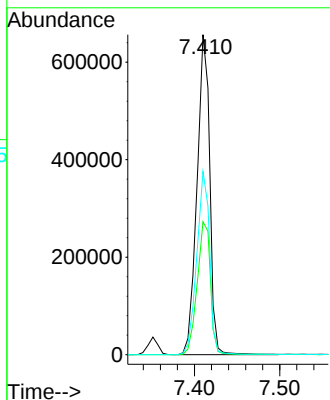
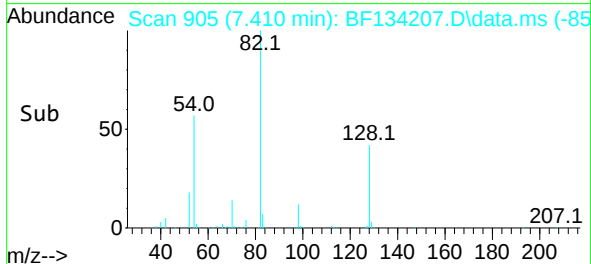
PB154009BS



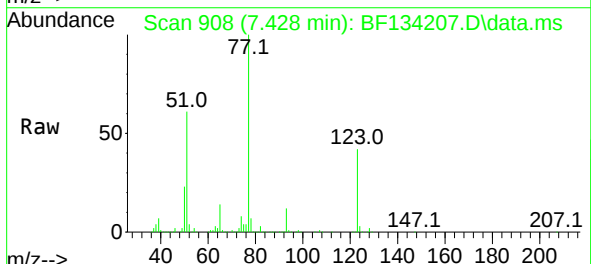
Tgt Ion: 82 Resp: 683574
Ion Ratio Lower Upper
82 100
128 41.5 32.5 48.7
54 57.3 48.2 72.2

Manual Integrations
APPROVED

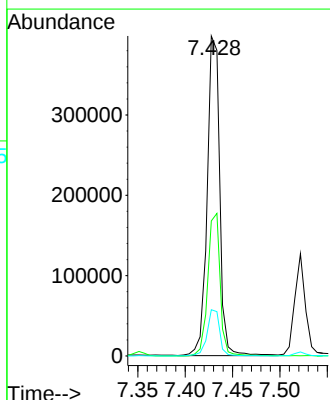
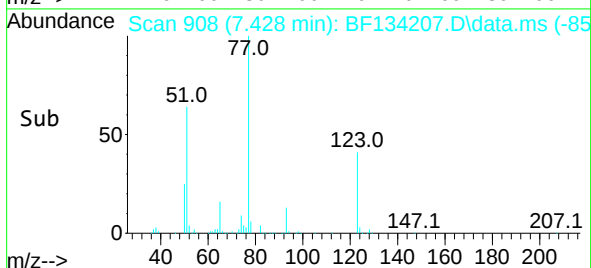
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

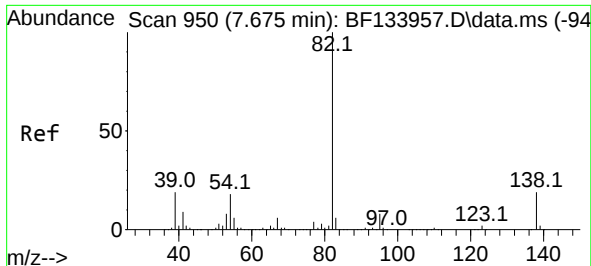


#24
Nitrobenzene
Concen: 41.911 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



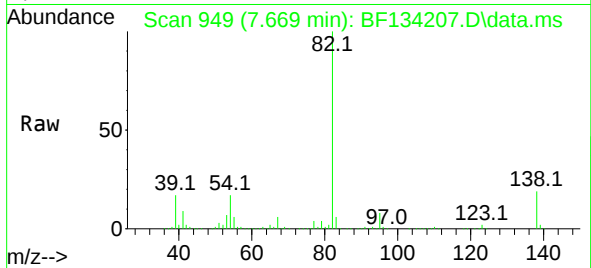
Tgt Ion: 77 Resp: 365361
Ion Ratio Lower Upper
77 100
123 42.2 37.8 56.6
65 14.4 11.3 16.9





#25
Isophorone
Concen: 40.338 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

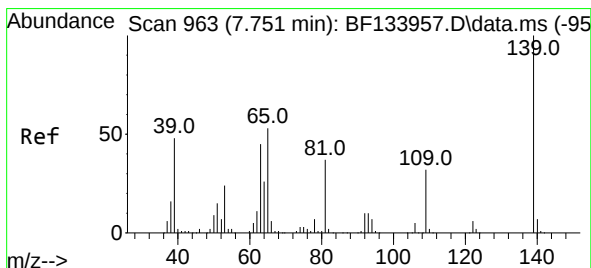
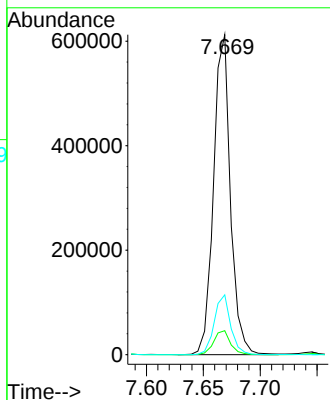
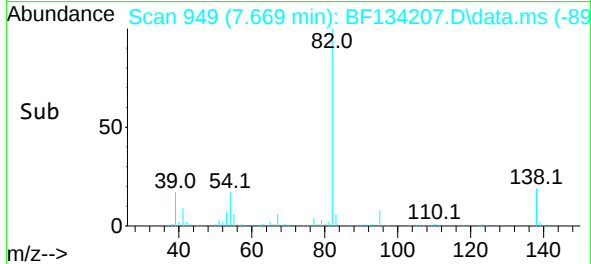
Instrument :
BNA_F
ClientSampleId :
PB154009BS



Tgt Ion: 82 Resp: 63244
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 18.7 15.2 22.8

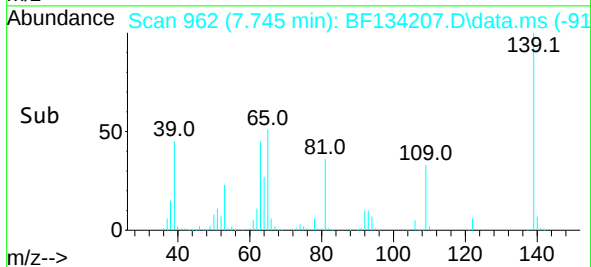
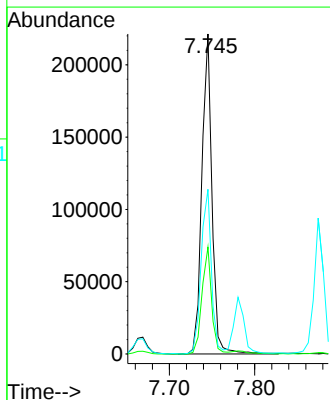
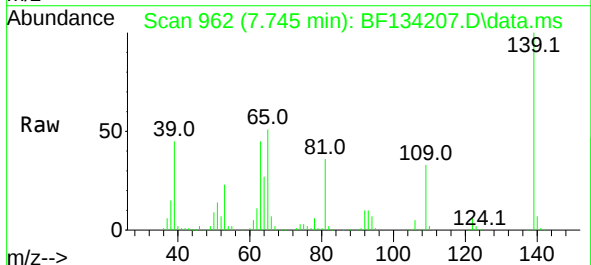
Manual Integrations
APPROVED

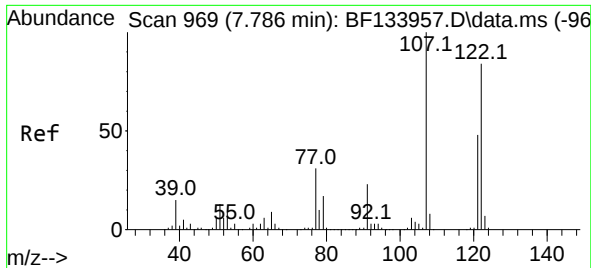
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#26
2-Nitrophenol
Concen: 43.768 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:139 Resp: 183037
Ion Ratio Lower Upper
139 100
109 33.4 25.8 38.8
65 51.4 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 43.284 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

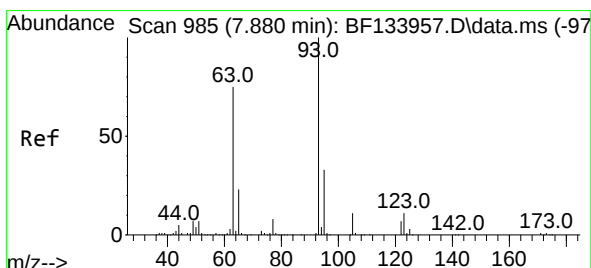
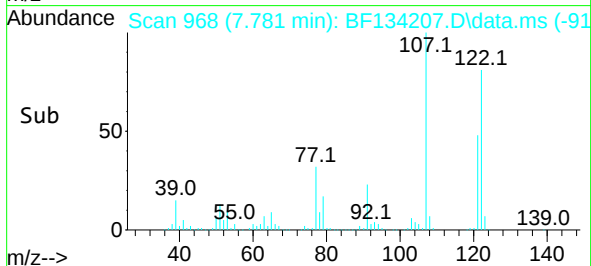
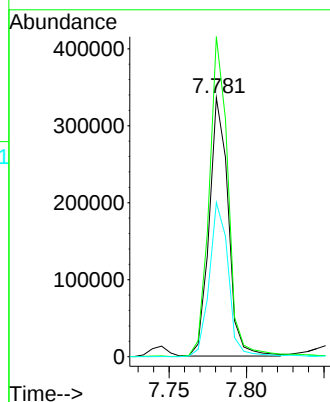
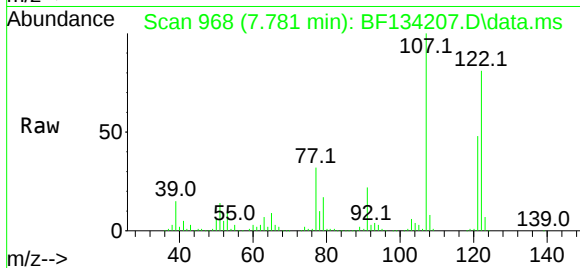
ClientSampleId :

PB154009BS

Tgt Ion:122 Resp: 286528
Ion Ratio Lower Upper
122 100
107 123.6 95.5 143.3
121 59.6 45.5 68.3

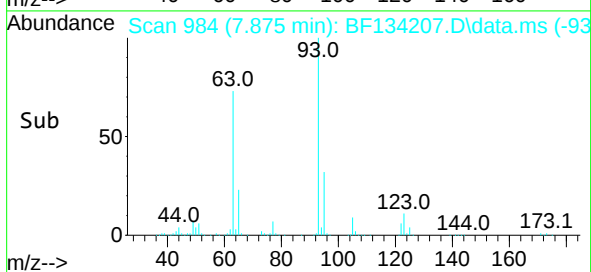
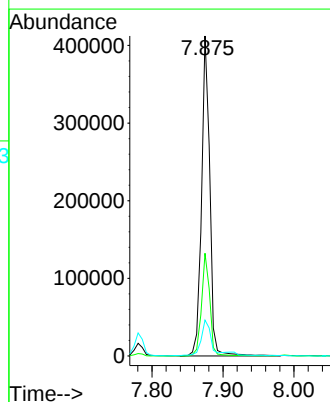
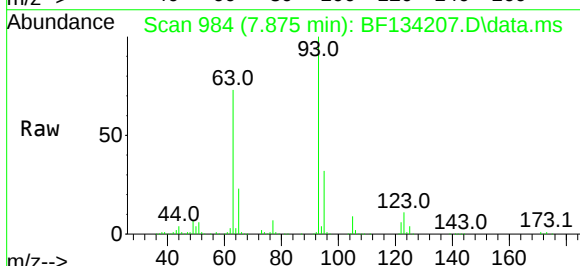
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#28
bis(2-Chloroethoxy)methane
Concen: 36.766 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion: 93 Resp: 333773
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.086 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS

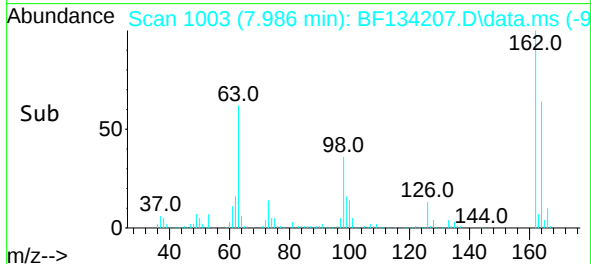
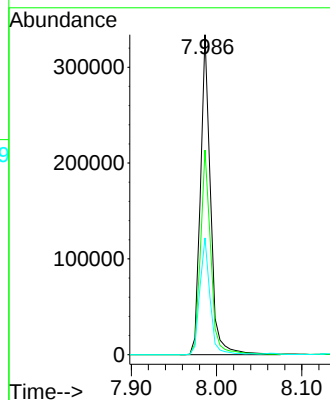
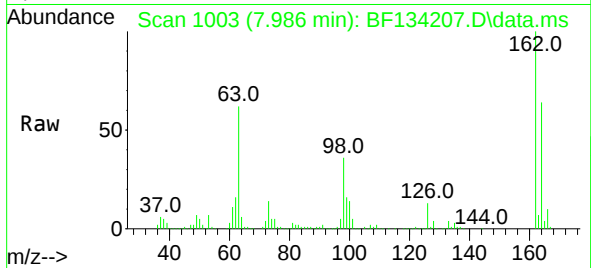
Tgt Ion:162 Resp: 276259
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.2 83.2
 98 36.5 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.622 ng

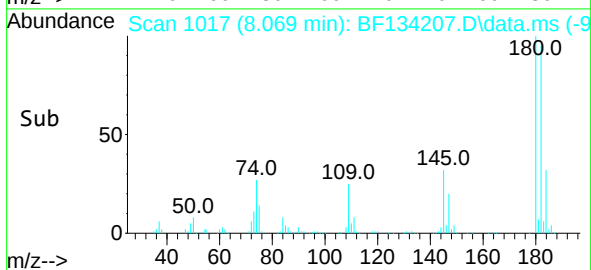
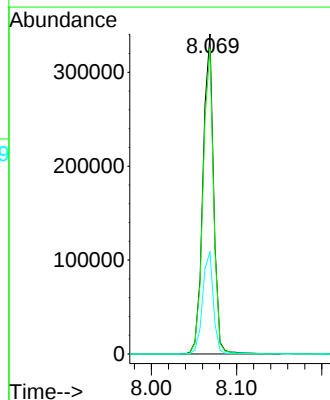
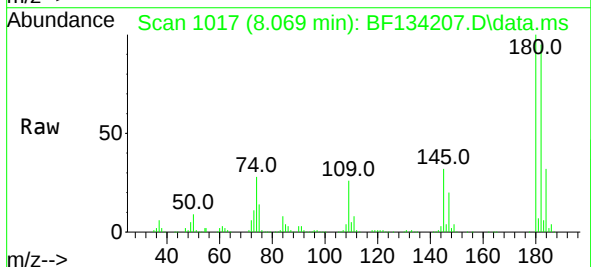
RT: 8.069 min Scan# 1017

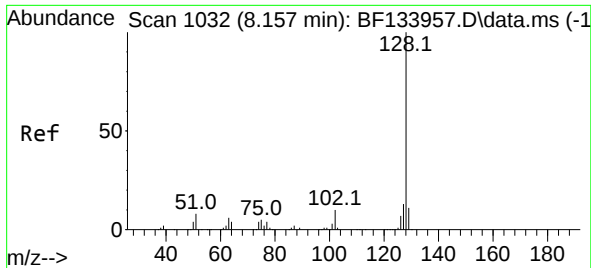
Delta R.T. -0.000 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

Tgt Ion:180 Resp: 295463
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.1 115.7
 145 31.8 26.0 39.0





#31
Naphthalene
Concen: 41.119 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

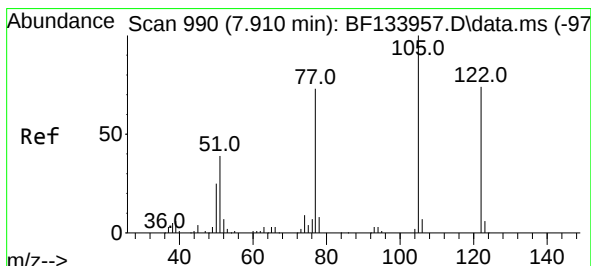
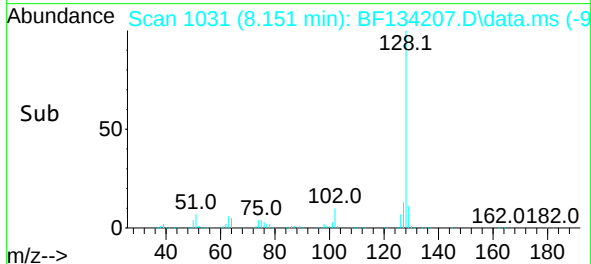
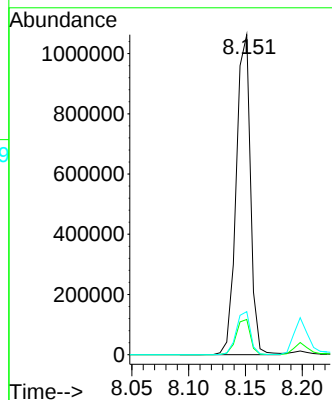
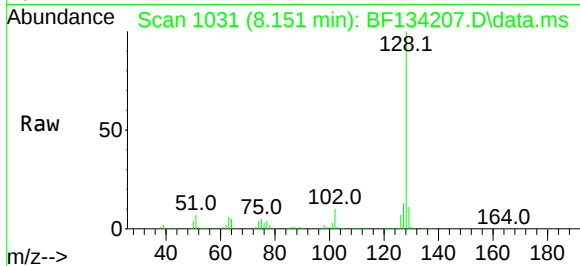
PB154009BS

Tgt Ion:128 Resp: 923628
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.6 15.8

Manual Integrations

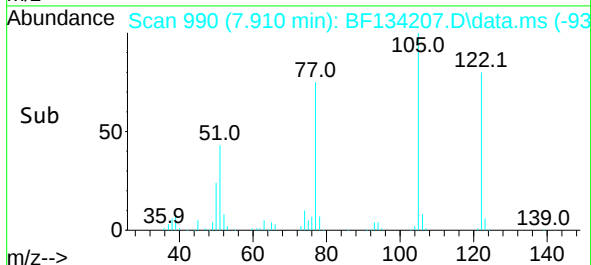
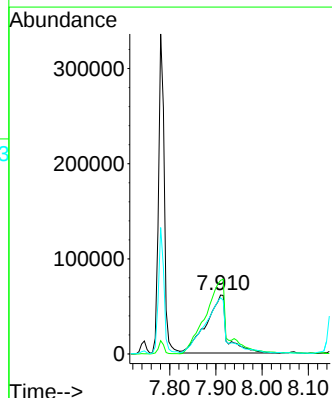
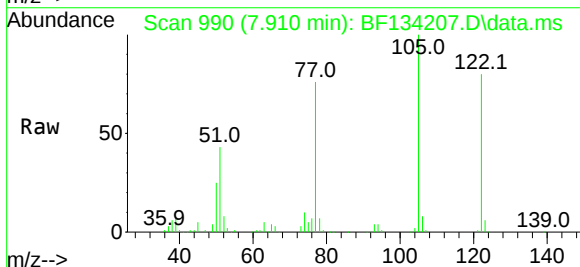
APPROVED

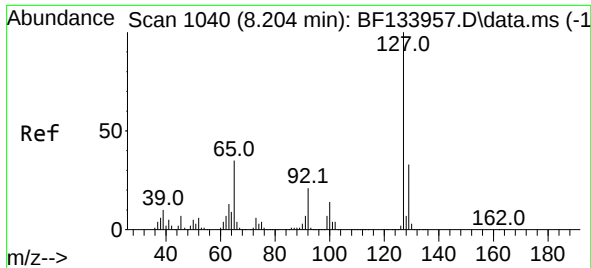
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#32
Benzoic acid
Concen: 39.370 ng m
RT: 7.910 min Scan# 990
Delta R.T. 0.018 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:122 Resp: 195291
Ion Ratio Lower Upper
122 100
105 125.0 109.7 149.7
77 95.6 76.0 116.0





#33
4-Chloroaniline
Concen: 12.027 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

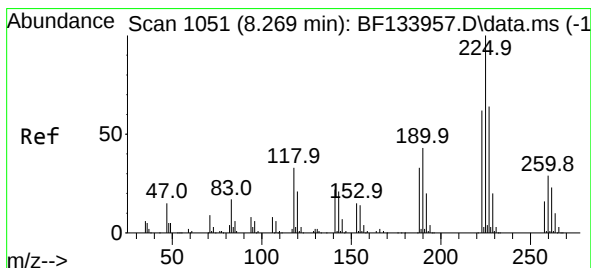
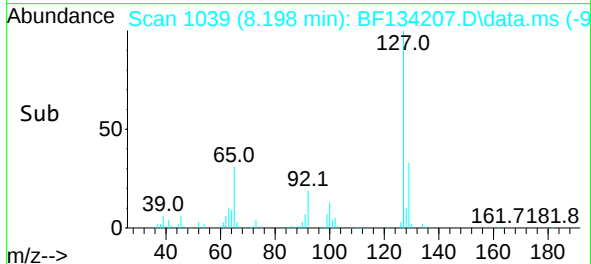
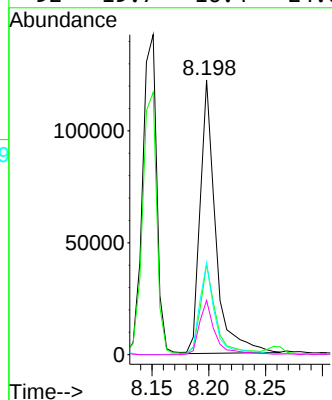
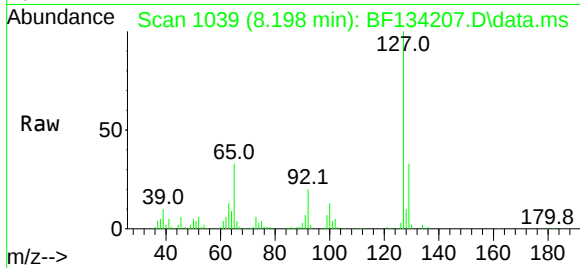
ClientSampleId :

PB154009BS

Tgt Ion:127 Resp: 115564
Ion Ratio Lower Upper
127 100
129 32.9 26.4 39.6
65 33.4 27.8 41.8
92 19.7 16.4 24.6

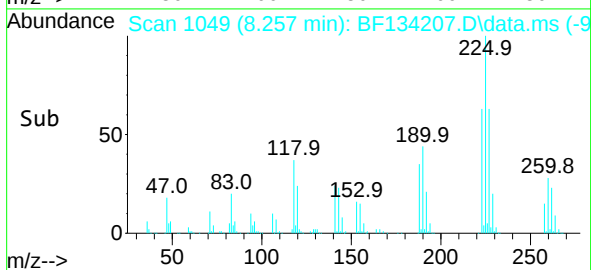
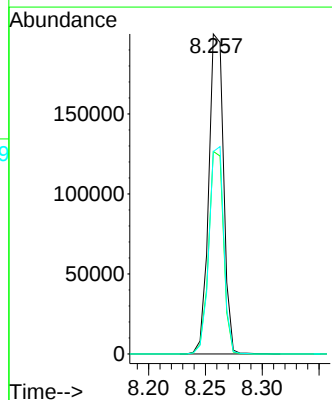
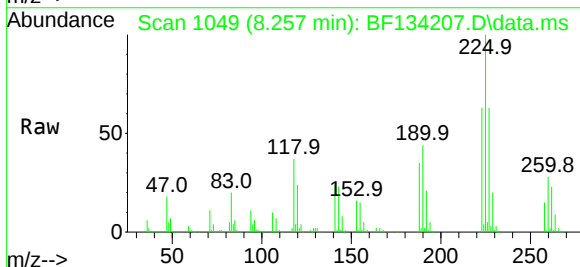
Manual Integrations
APPROVED

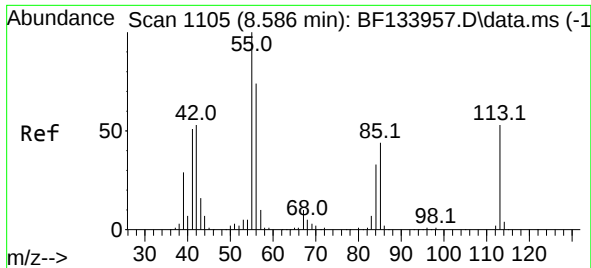
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#34
Hexachlorobutadiene
Concen: 42.517 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

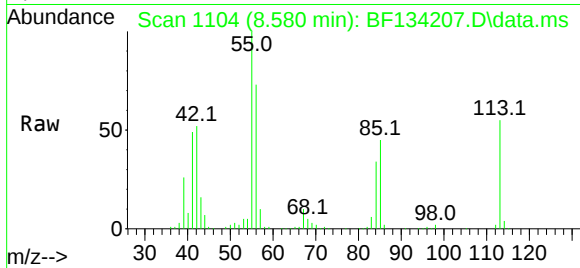
Tgt Ion:225 Resp: 181656
Ion Ratio Lower Upper
225 100
223 63.3 49.8 74.8
227 63.3 51.0 76.4





#35
Caprolactam
Concen: 45.838 ng m
RT: 8.580 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

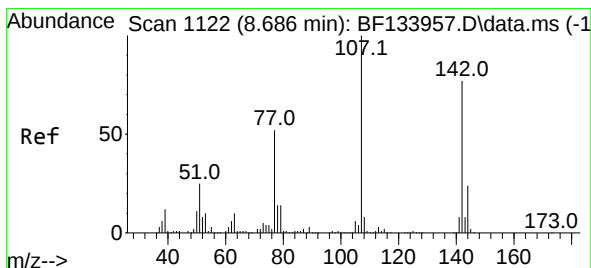
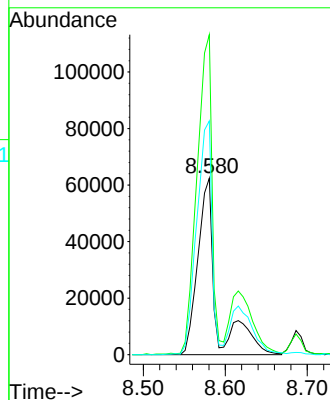
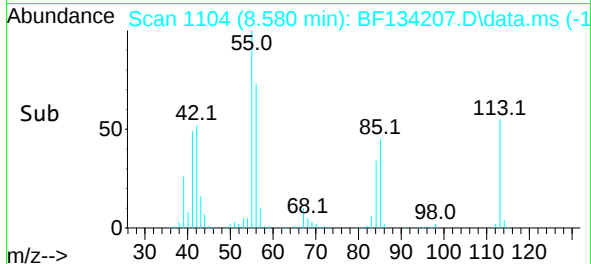
Instrument :
BNA_F
ClientSampleId :
PB154009BS



Tgt Ion:113 Resp: 99072
Ion Ratio Lower Upper
113 100
55 181.3 170.2 210.2
56 132.5 121.4 161.4

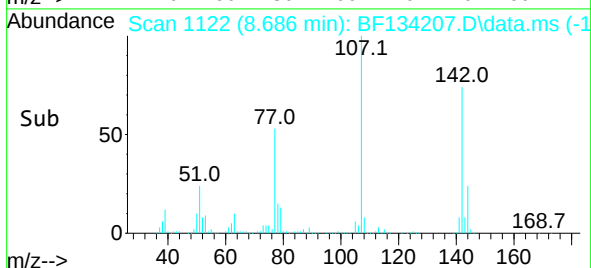
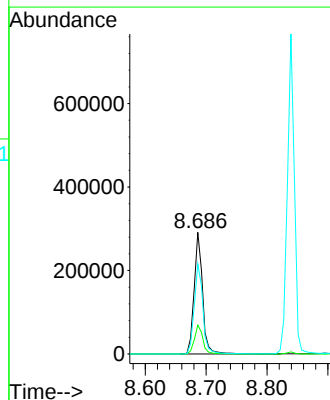
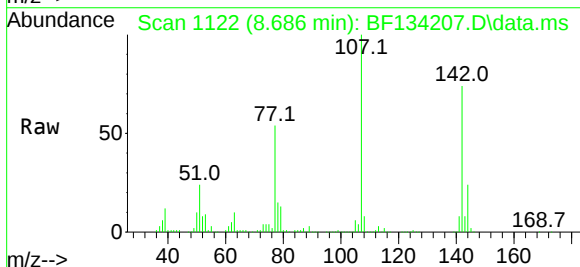
Manual Integrations
APPROVED

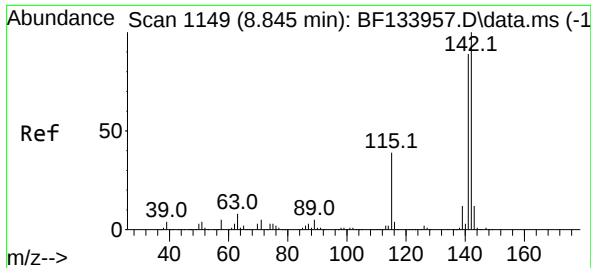
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#36
4-Chloro-3-methylphenol
Concen: 37.915 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:107 Resp: 279597
Ion Ratio Lower Upper
107 100
144 23.7 19.6 29.4
142 74.1 61.4 92.2





#37
2-Methylnaphthalene
Concen: 38.903 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

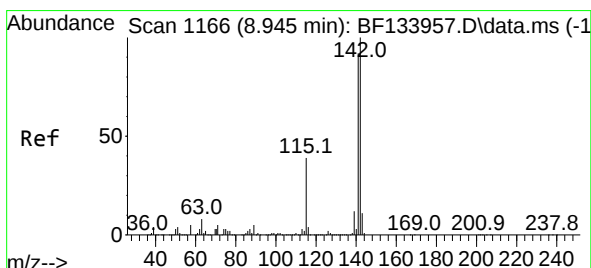
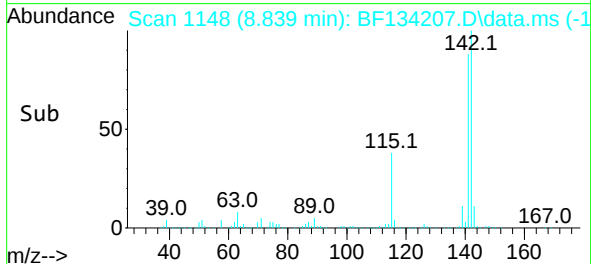
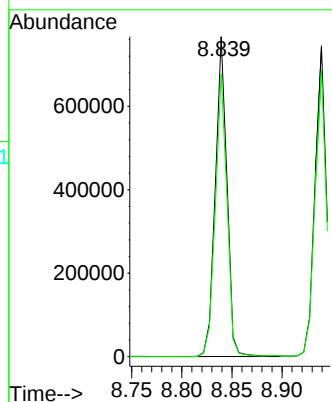
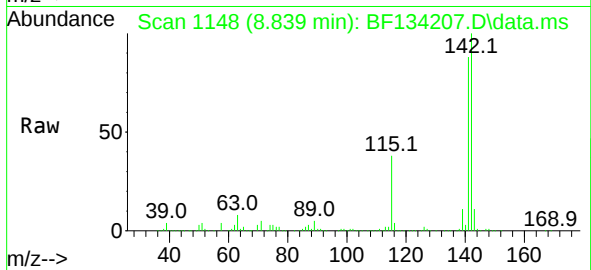
ClientSampleId :

PB154009BS

Tgt Ion:142 Resp: 61795
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4

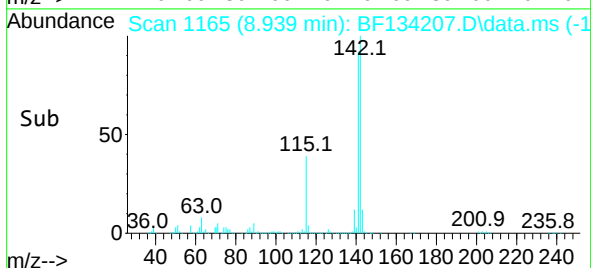
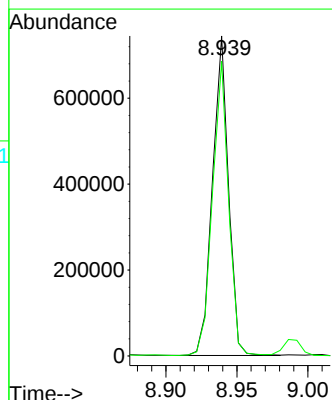
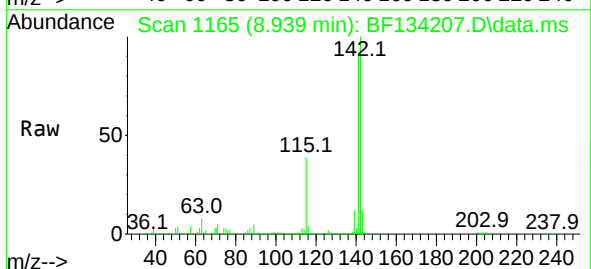
Manual Integrations
APPROVED

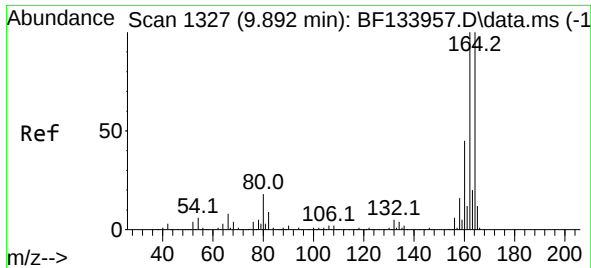
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#38
1-Methylnaphthalene
Concen: 39.560 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:142 Resp: 584176
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3





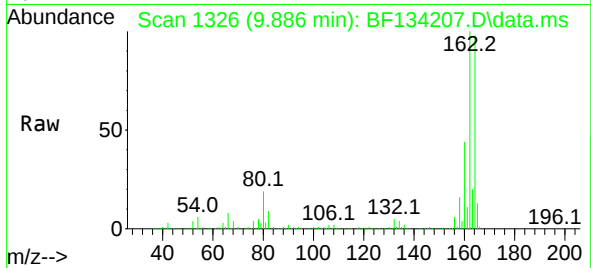
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS

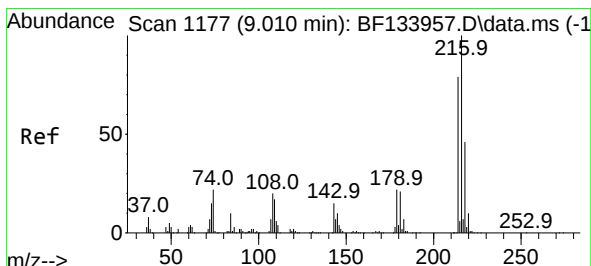
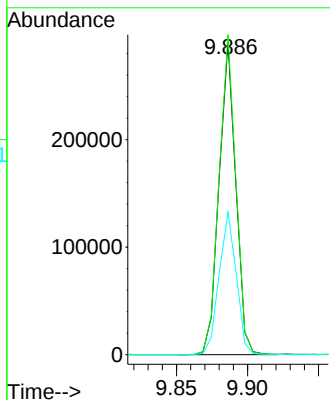
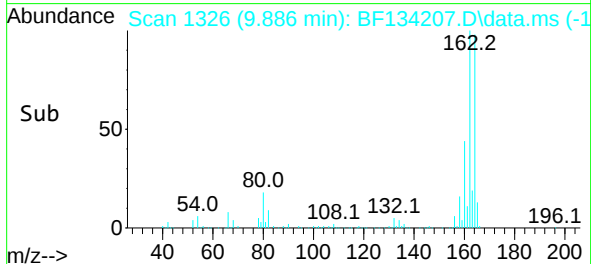


Tgt Ion:164 Resp: 23868
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 45.5 35.9 53.9

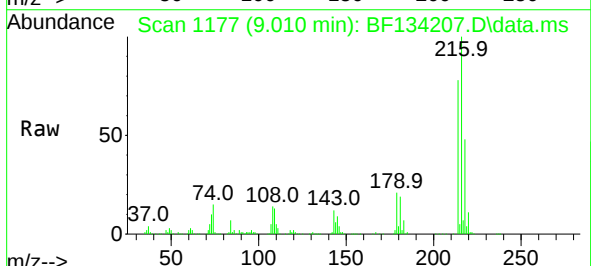
Manual Integrations

APPROVED

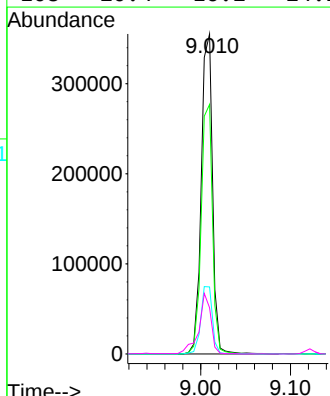
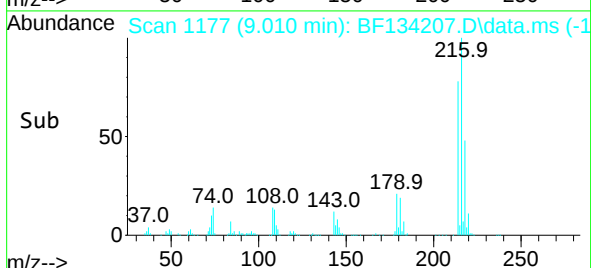
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

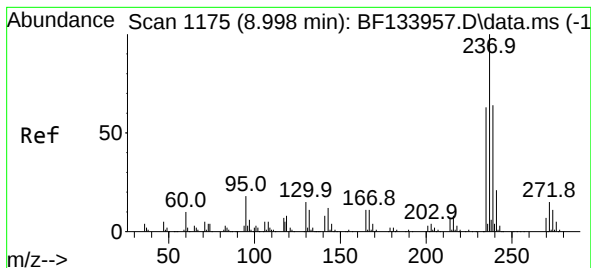


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.779 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion:216 Resp: 309573
Ion Ratio Lower Upper
216 100
214 78.7 64.1 96.1
179 21.8 17.3 25.9
108 20.4 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 82.296 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

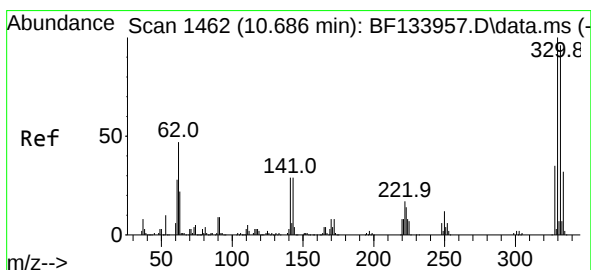
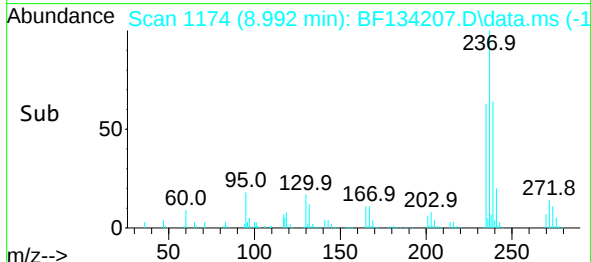
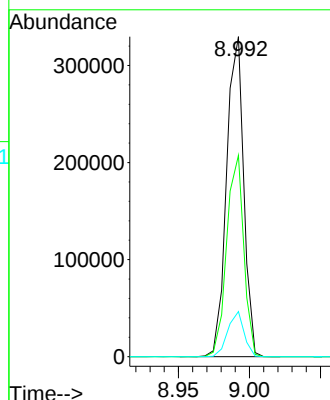
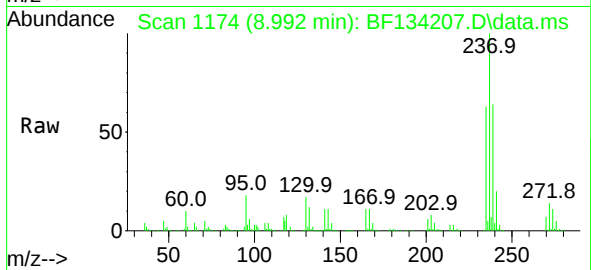
PB154009BS

Tgt Ion:237 Resp: 276084
 Ion Ratio Lower Upper
 237 100
 235 62.9 42.8 82.8
 272 14.1 0.0 34.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023



#42

2,4,6-Tribromophenol

Concen: 102.923 ng

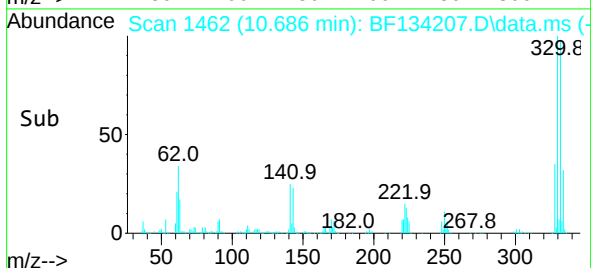
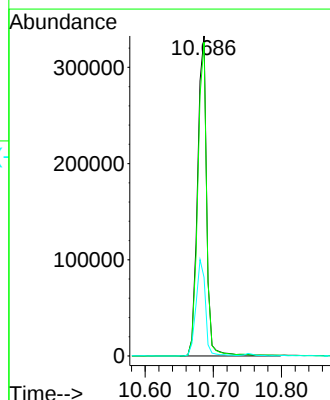
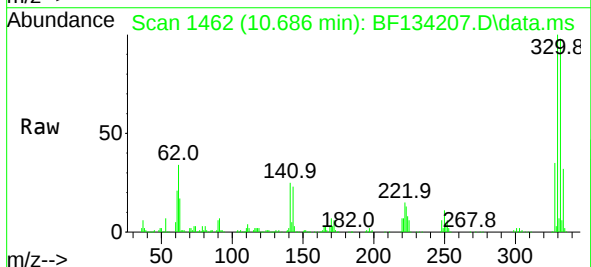
RT: 10.686 min Scan# 1462

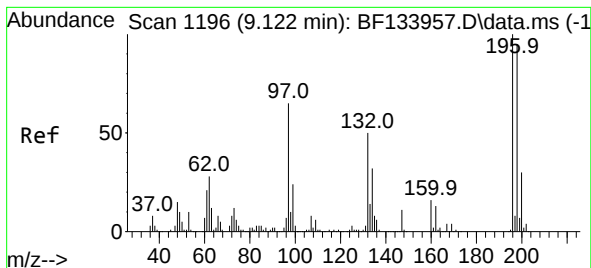
Delta R.T. 0.006 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

Tgt Ion:330 Resp: 308008
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 31.0 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.092 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF134207.D

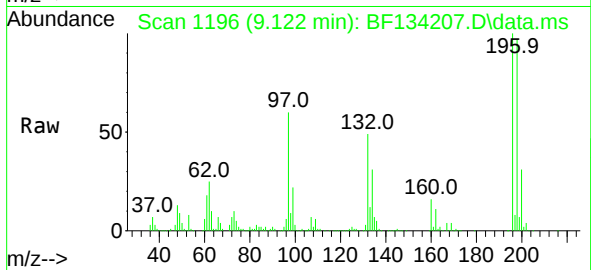
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



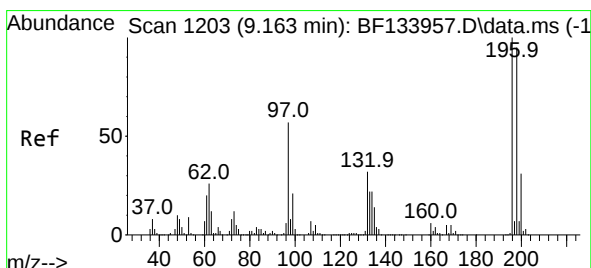
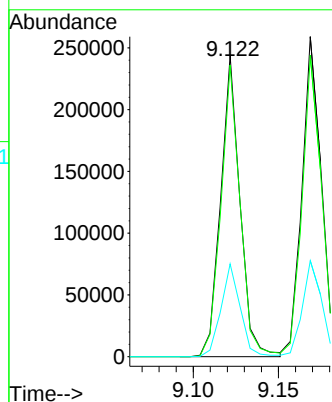
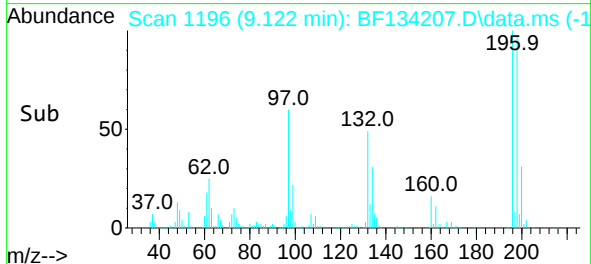
Tgt Ion:196	Resp:	19299	
Ion Ratio	Lower	Upper	
196	100		
198	96.7	75.6	113.4
200	30.8	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#44

2,4,5-Trichlorophenol

Concen: 38.167 ng

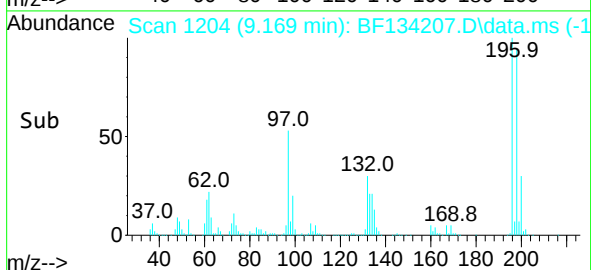
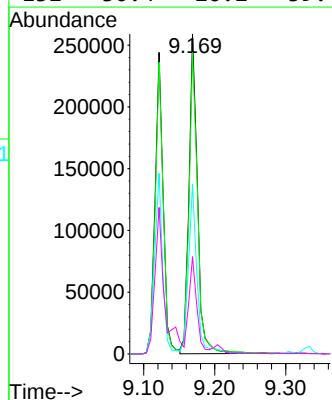
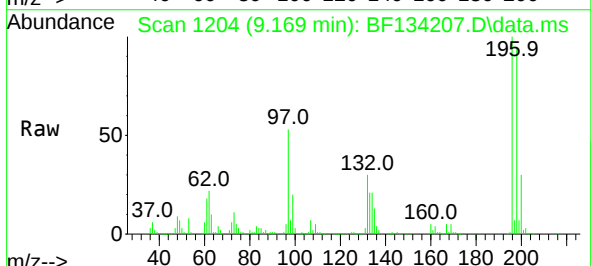
RT: 9.169 min Scan# 1204

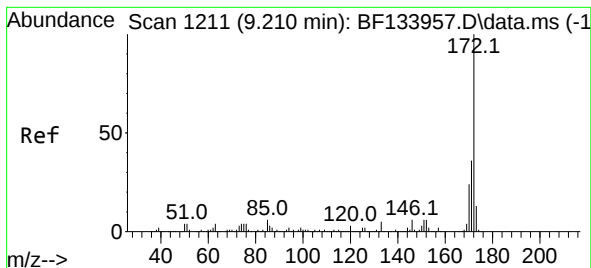
Delta R.T. 0.006 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

Tgt Ion:196	Resp:	216113	
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.7	113.5
97	53.0	45.8	68.6
132	30.4	26.2	39.4





#45

2-Fluorobiphenyl

Concen: 76.820 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

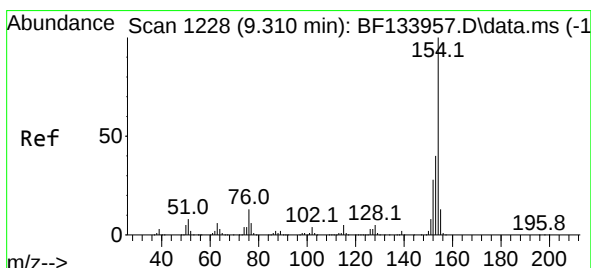
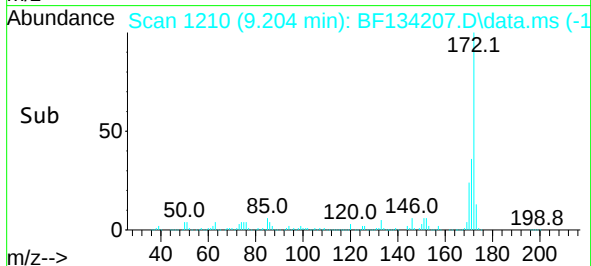
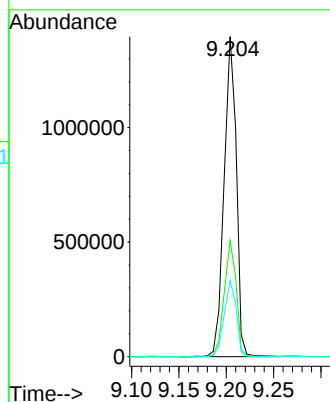
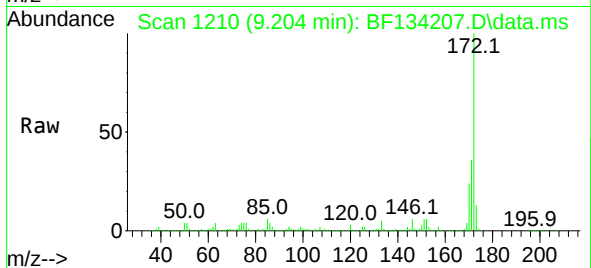
PB154009BS

Tgt Ion:172 Resp: 1261134
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 23.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023



#46

1,1'-Biphenyl

Concen: 41.351 ng

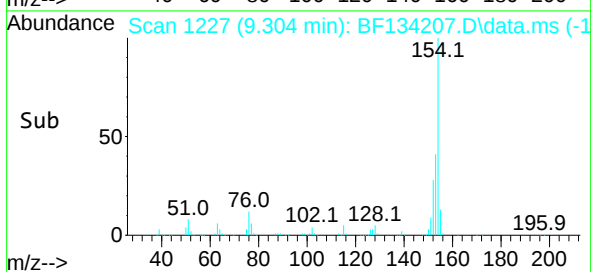
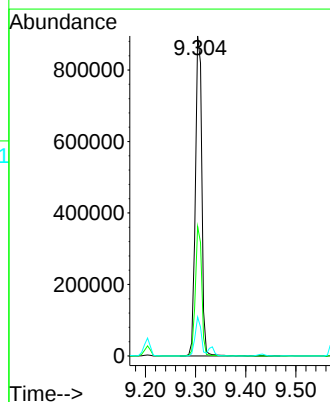
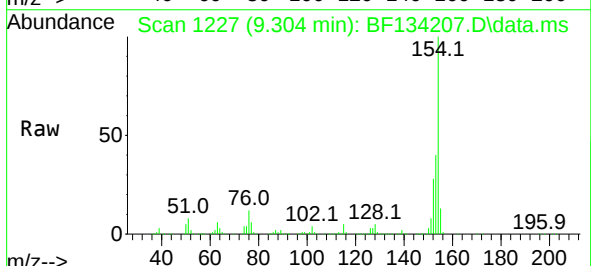
RT: 9.304 min Scan# 1227

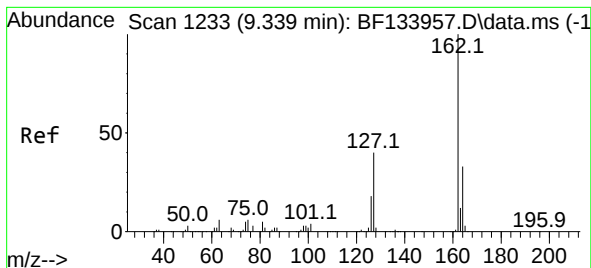
Delta R.T. -0.000 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

Tgt Ion:154 Resp: 791718
 Ion Ratio Lower Upper
 154 100
 153 40.5 19.8 59.8
 76 12.2 0.0 32.9





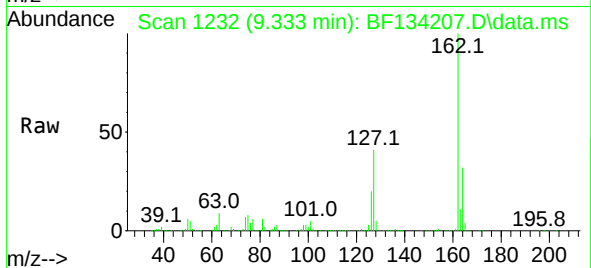
#47
2-Chloronaphthalene
Concen: 42.060 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



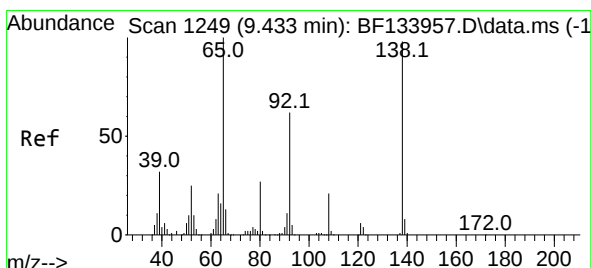
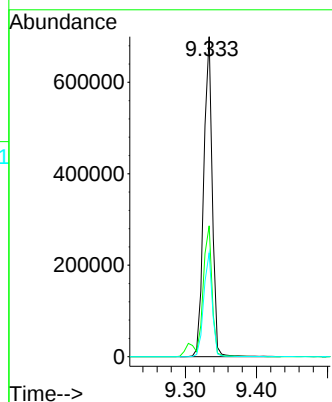
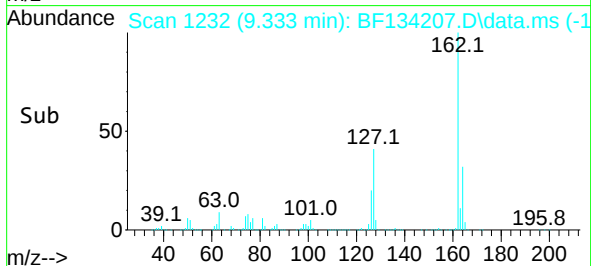
Tgt Ion:162 Resp: 589200
Ion Ratio Lower Upper
162 100
127 40.9 32.9 49.3
164 32.5 26.1 39.1

Manual Integrations

APPROVED

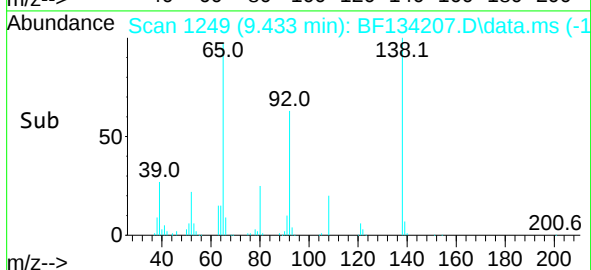
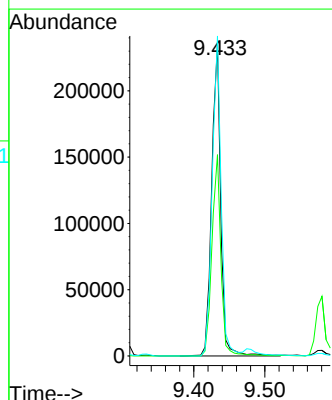
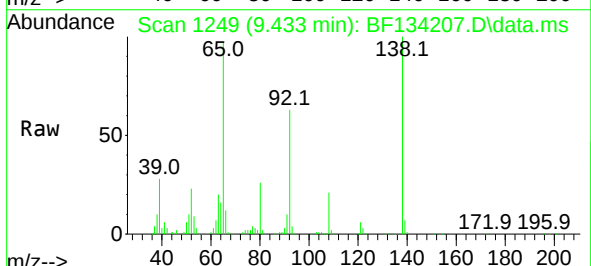
Reviewed By :Yogesh Patel 07/12/2023

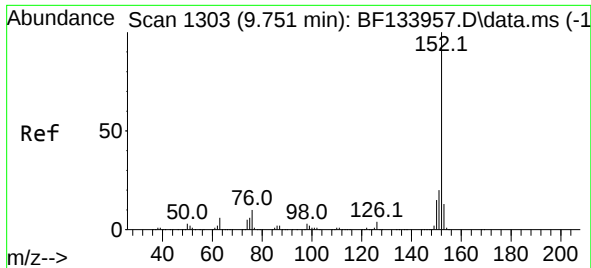
Supervised By :mohammad ahmed 07/12/2023



#48
2-Nitroaniline
Concen: 40.856 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

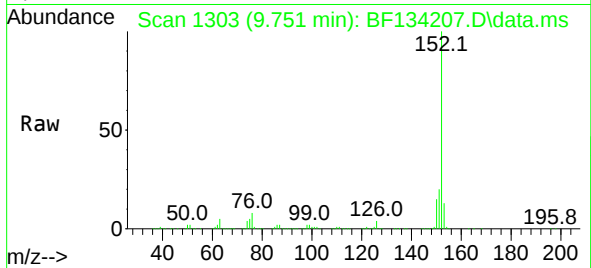
Tgt Ion: 65 Resp: 208586
Ion Ratio Lower Upper
65 100
92 64.6 49.5 74.3
138 102.7 78.0 117.0





#49
Acenaphthylene
Concen: 40.089 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

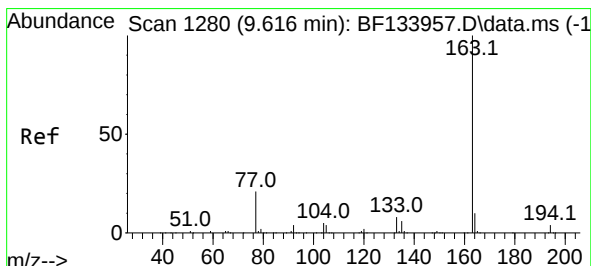
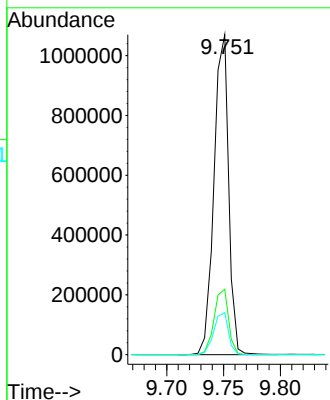
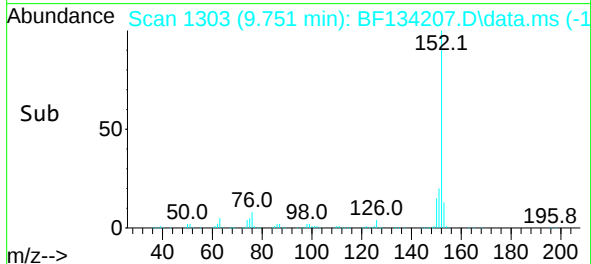
Instrument :
BNA_F
ClientSampleId :
PB154009BS



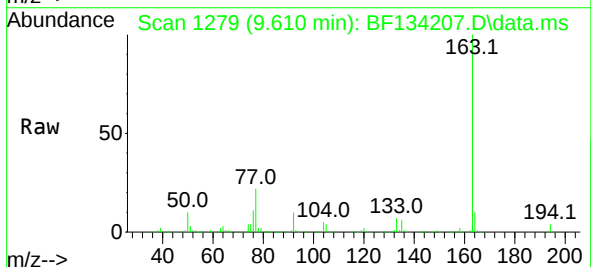
Tgt Ion:152 Resp: 95934
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.1 10.8 16.2

Manual Integrations
APPROVED

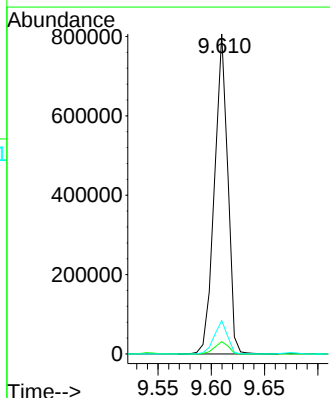
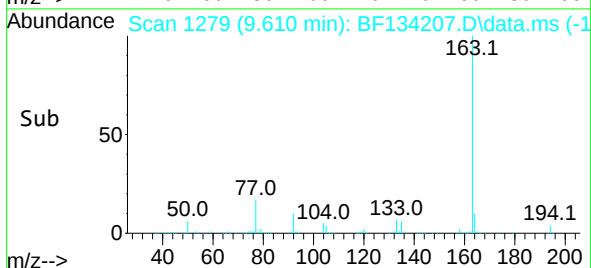
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

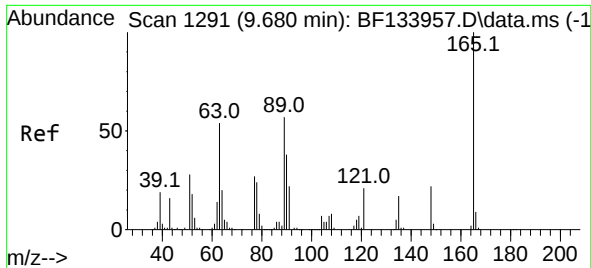


#50
Dimethylphthalate
Concen: 40.245 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion:163 Resp: 697276
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.2 12.2





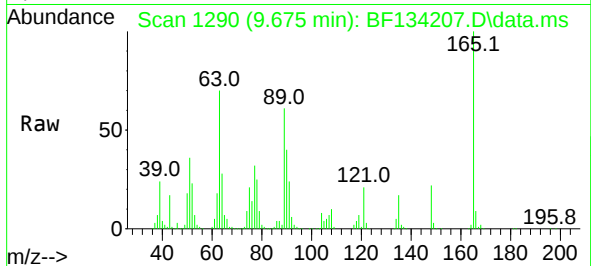
#51
2,6-Dinitrotoluene
Concen: 41.365 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS

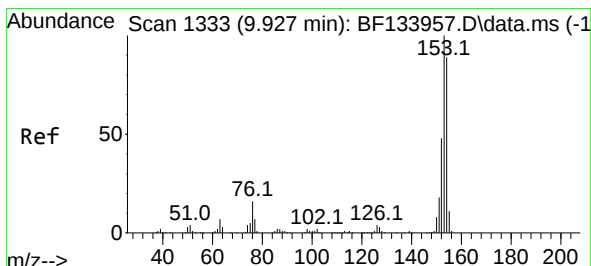
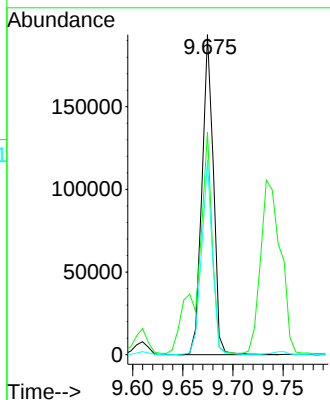
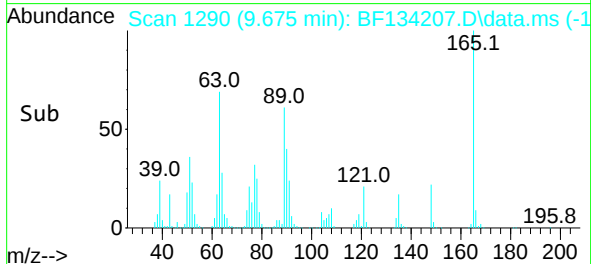


Tgt Ion:165 Resp: 15436
Ion Ratio Lower Upper
165 100
63 69.6 48.5 72.7
89 60.8 45.5 68.3

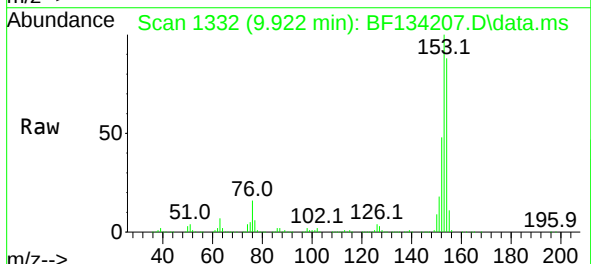
Manual Integrations

APPROVED

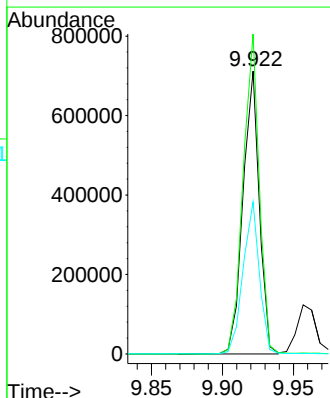
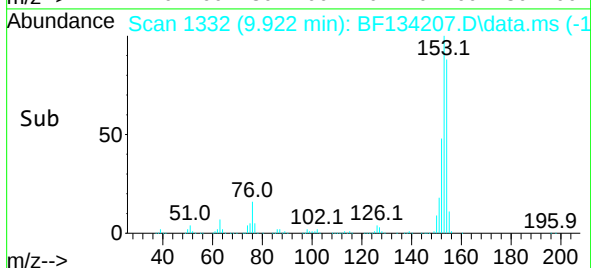
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

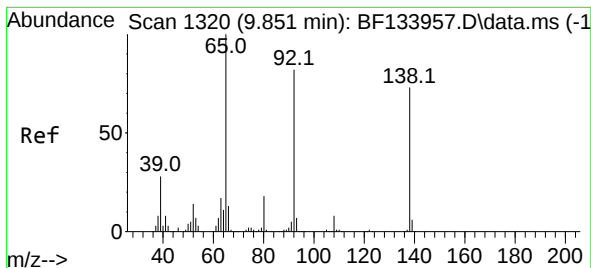


#52
Acenaphthene
Concen: 41.079 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion:154 Resp: 570414
Ion Ratio Lower Upper
154 100
153 113.1 89.4 134.2
152 53.7 42.8 64.2





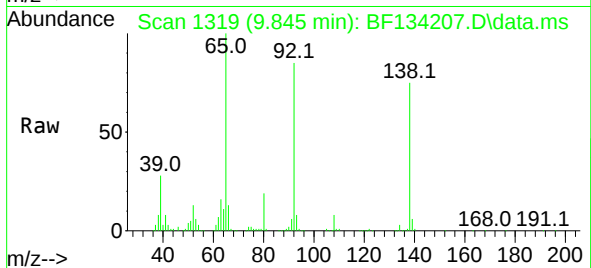
#53
3-Nitroaniline
Concen: 28.110 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS

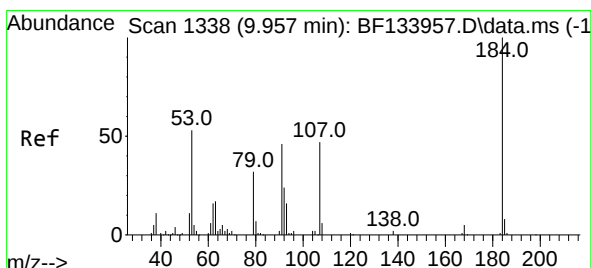
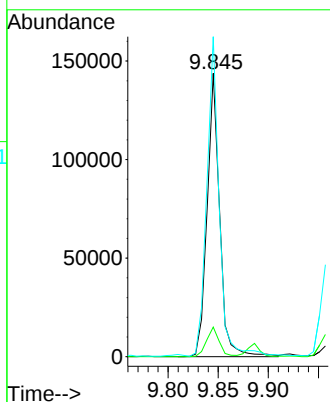
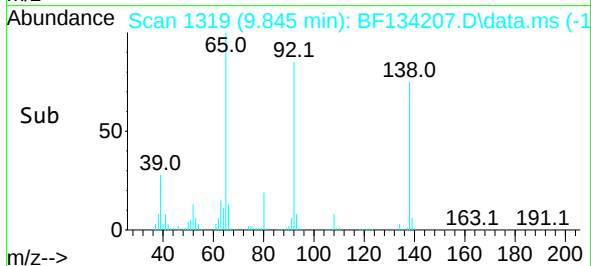


Tgt Ion:138 Resp: 12584
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 113.0 90.1 135.1

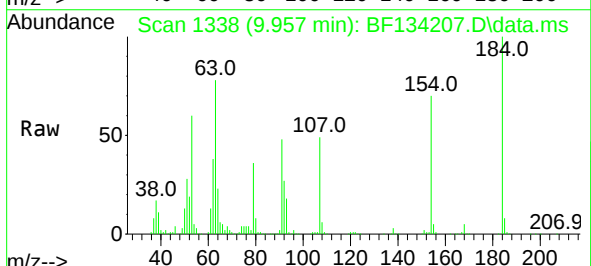
Manual Integrations

APPROVED

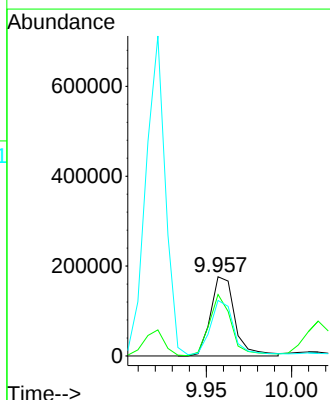
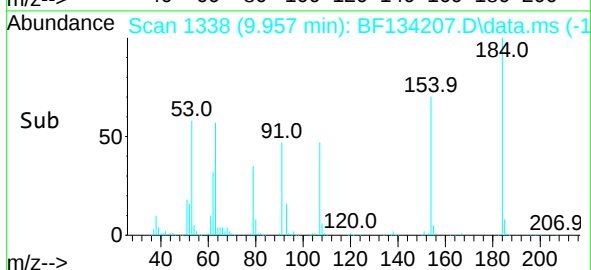
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

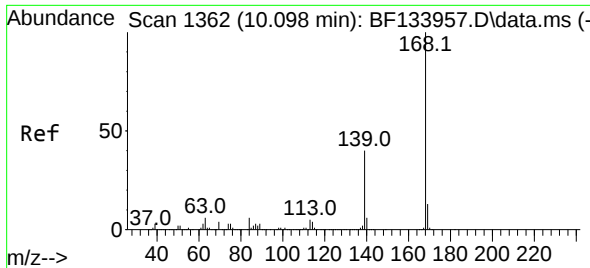


#54
2,4-Dinitrophenol
Concen: 81.152 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



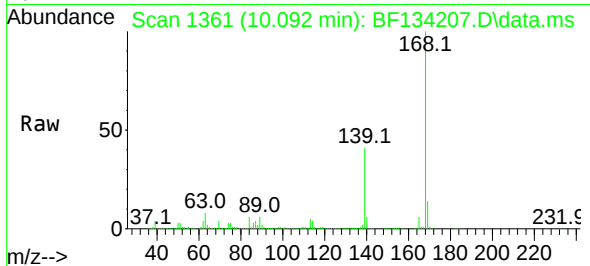
Tgt Ion:184 Resp: 175017
Ion Ratio Lower Upper
184 100
63 77.7 56.9 85.3
154 70.2 55.4 83.0





#55
Dibenzenofuran
Concen: 37.640 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

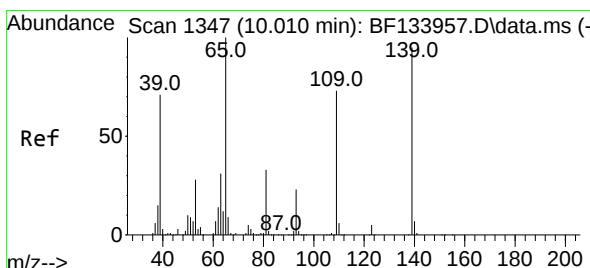
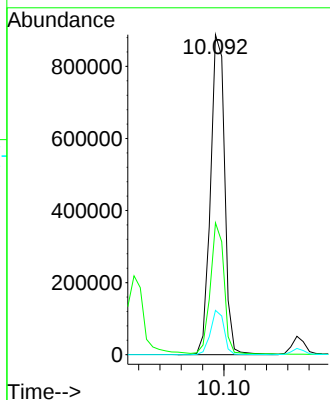
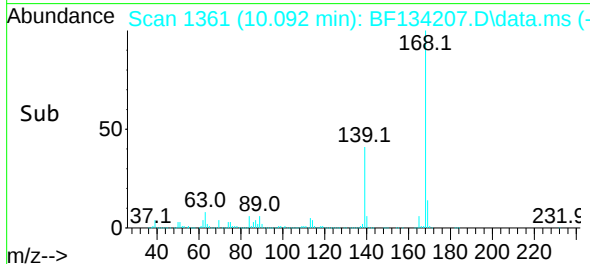
Instrument :
BNA_F
ClientSampleId :
PB154009BS



Tgt Ion:168 Resp: 81683
Ion Ratio Lower Upper
168 100
139 41.2 32.0 48.0
169 13.8 10.6 16.0

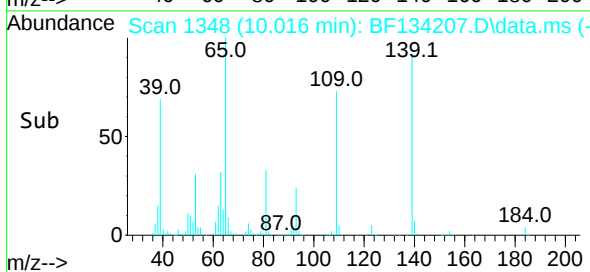
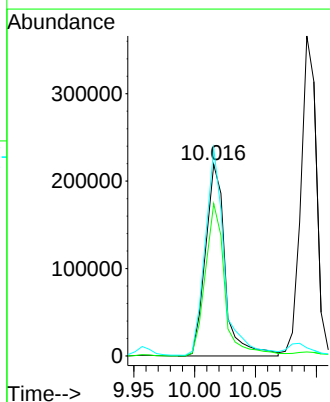
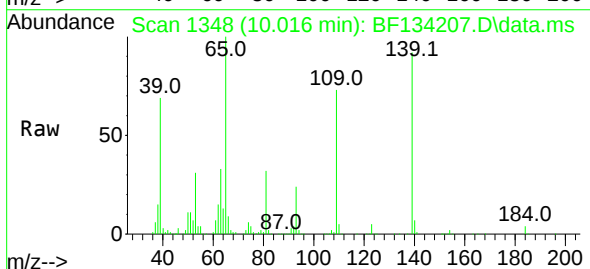
Manual Integrations
APPROVED

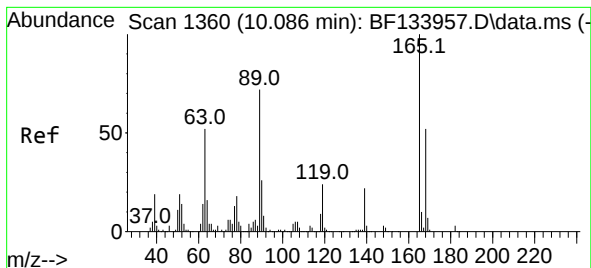
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#56
4-Nitrophenol
Concen: 79.101 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:139 Resp: 247703
Ion Ratio Lower Upper
139 100
109 79.5 56.8 96.8
65 108.4 86.1 126.1





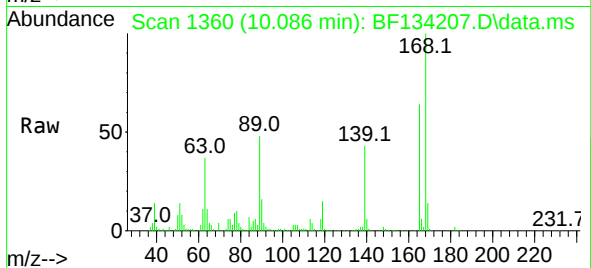
#57
2,4-Dinitrotoluene
Concen: 38.589 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



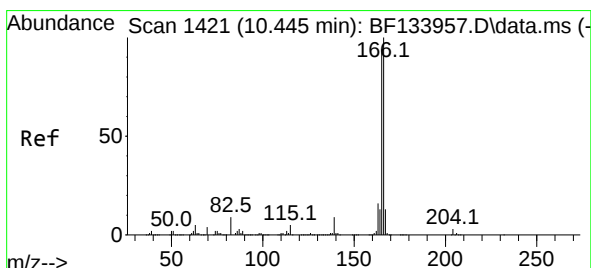
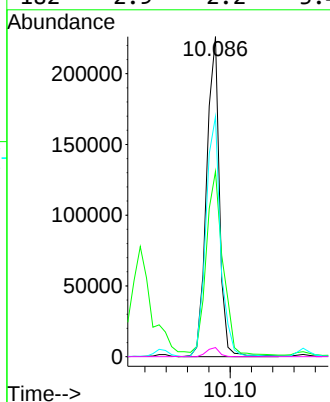
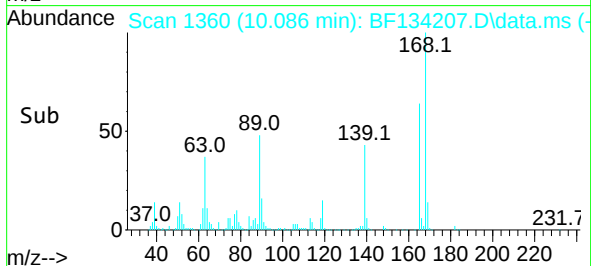
Tgt Ion:165 Resp: 190174
Ion Ratio Lower Upper
165 100
63 57.9 42.2 63.2
89 75.0 57.4 86.2
182 2.9 2.2 3.4

Manual Integrations

APPROVED

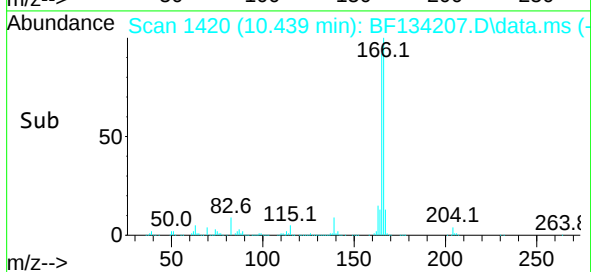
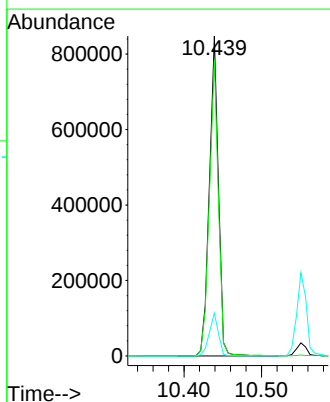
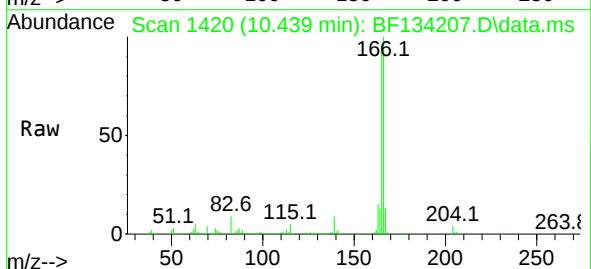
Reviewed By :Yogesh Patel 07/12/2023

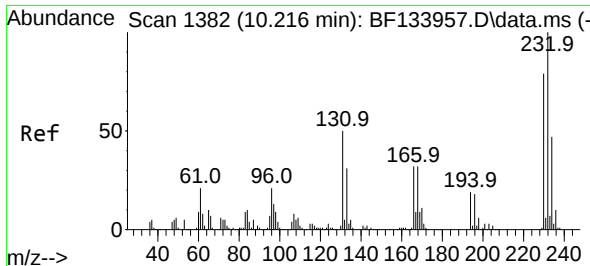
Supervised By :mohammad ahmed 07/12/2023



#58
Fluorene
Concen: 40.822 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

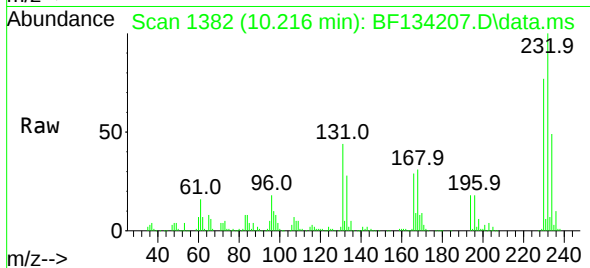
Tgt Ion:166 Resp: 689206
Ion Ratio Lower Upper
166 100
165 92.3 75.0 112.4
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.308 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

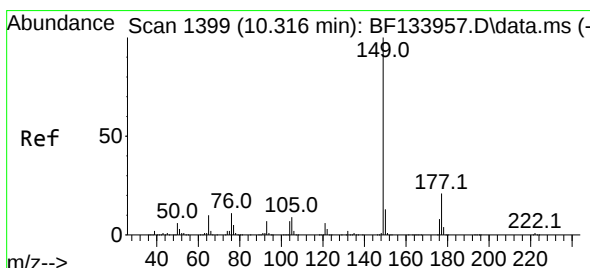
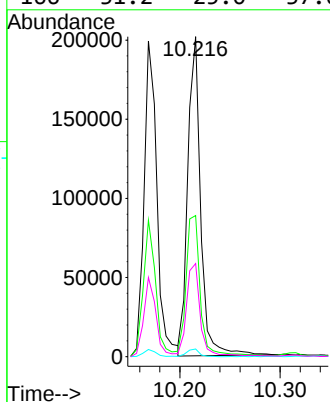
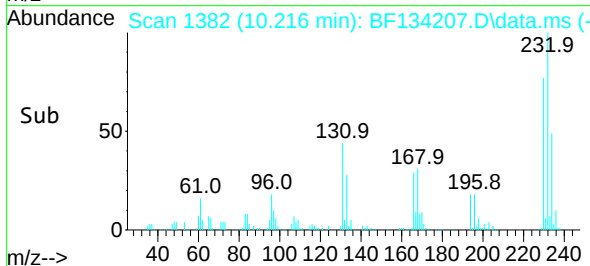
Instrument :
BNA_F
ClientSampleId :
PB154009BS



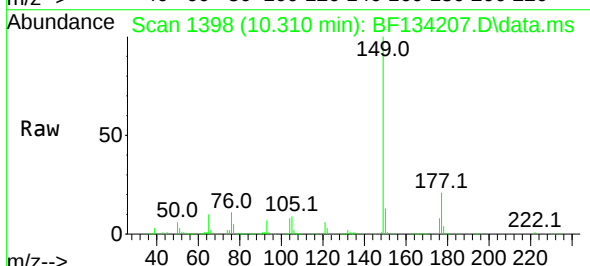
Tgt Ion:232 Resp: 180034
Ion Ratio Lower Upper
232 100
131 49.2 39.3 58.9
130 2.4 1.8 2.6
166 31.2 25.0 37.6

Manual Integrations
APPROVED

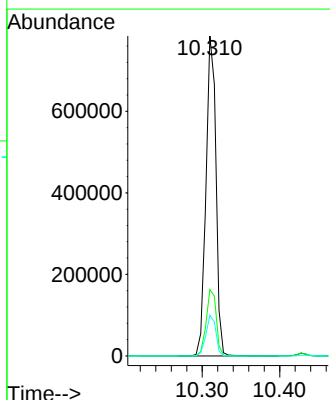
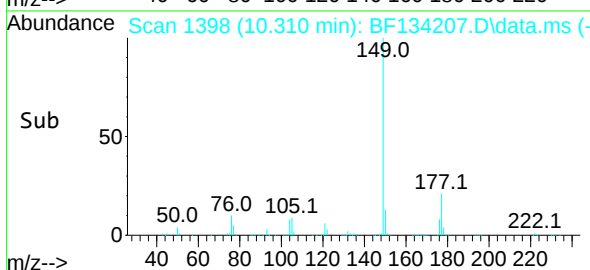
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

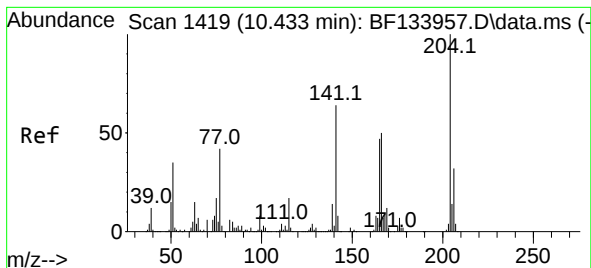


#60
Diethylphthalate
Concen: 38.869 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



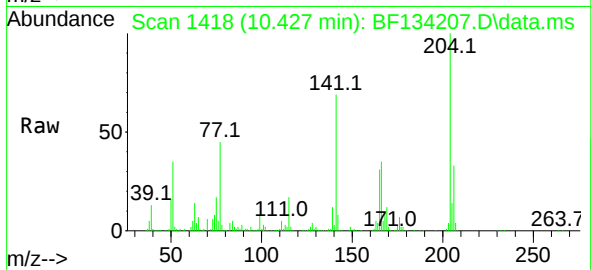
Tgt Ion:149 Resp: 701629
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.961 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

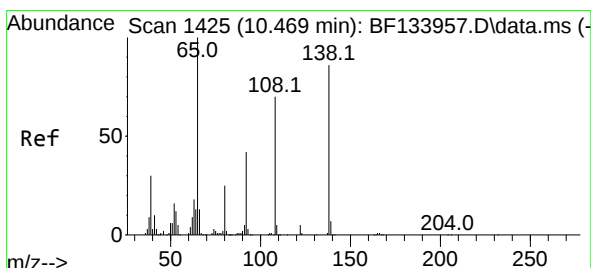
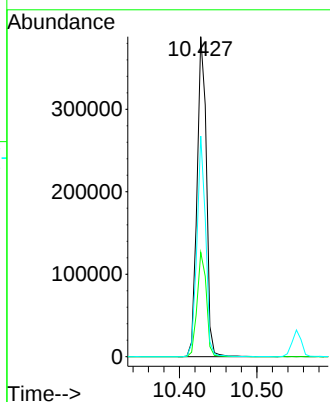
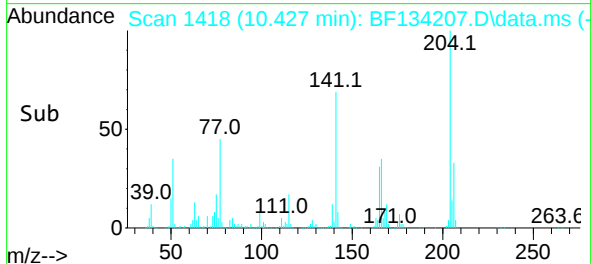
Instrument :
BNA_F
ClientSampleId :
PB154009BS



Tgt Ion:204 Resp: 325134
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 68.9 51.5 77.3

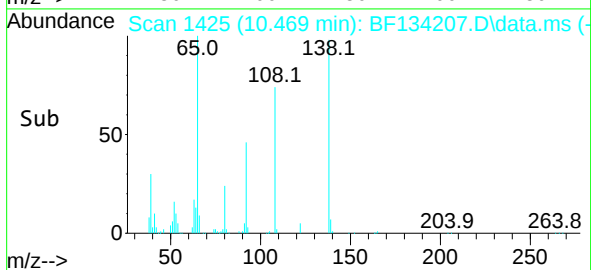
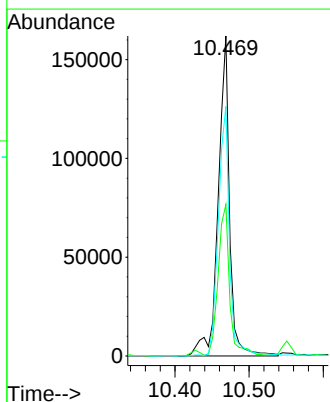
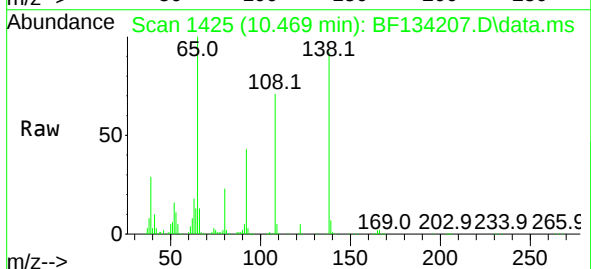
Manual Integrations
APPROVED

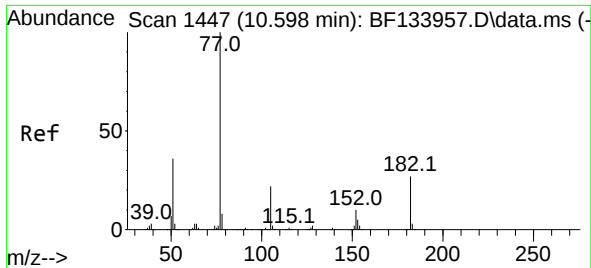
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#62
4-Nitroaniline
Concen: 38.166 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:138 Resp: 172195
Ion Ratio Lower Upper
138 100
92 47.3 29.7 69.7
108 78.0 62.1 102.1





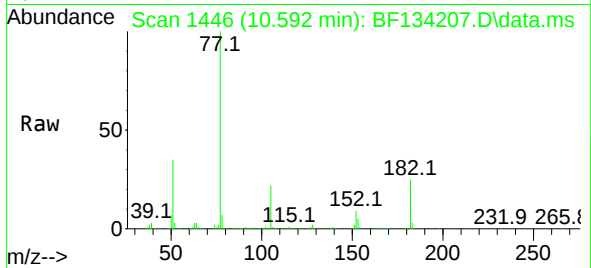
#63
Azobenzene
Concen: 33.960 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



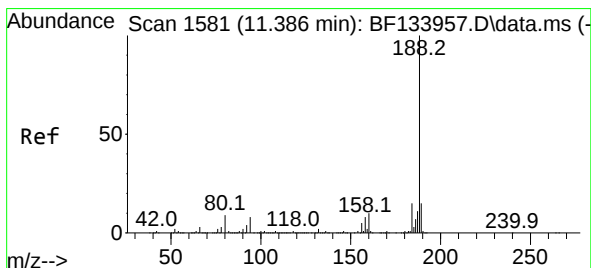
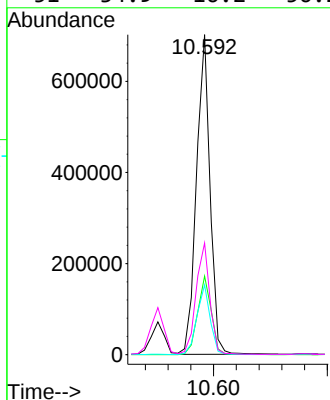
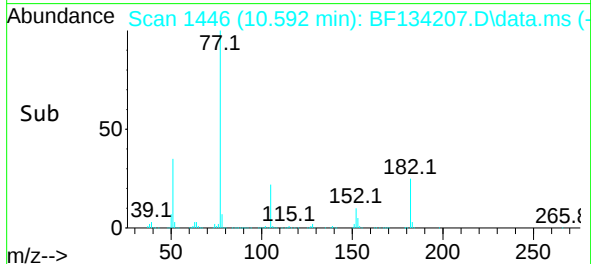
Tgt Ion: 77 Resp: 57986
Ion Ratio Lower Upper
77 100
182 24.6 6.8 46.8
105 21.8 2.3 42.3
51 34.9 16.2 56.2

Manual Integrations

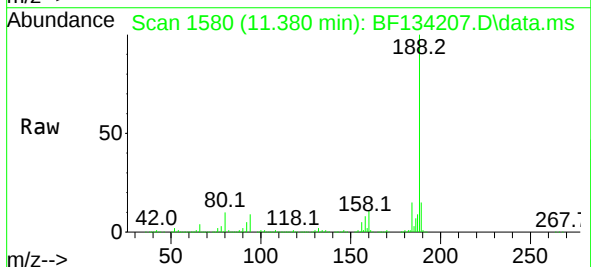
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

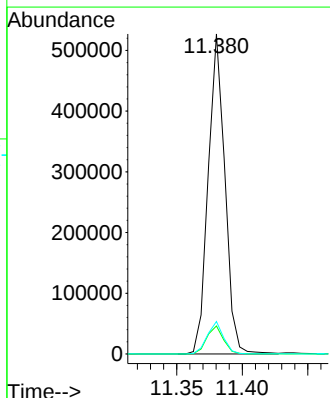
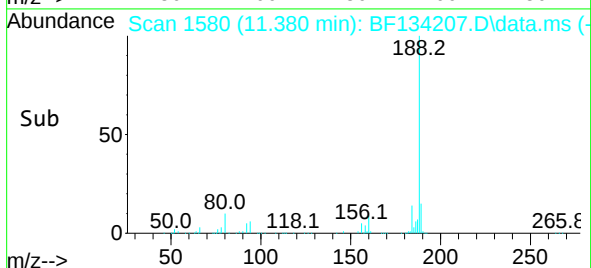
Supervised By :mohammad ahmed 07/12/2023

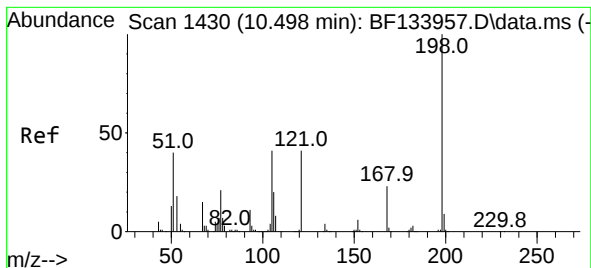


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



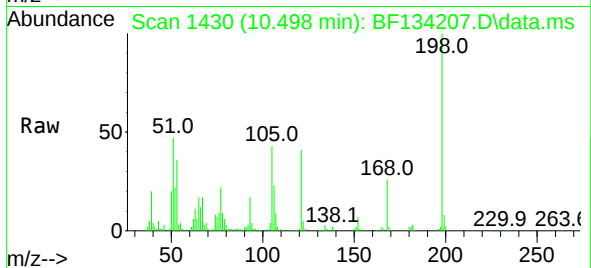
Tgt Ion:188 Resp: 468832
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 10.2 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 40.786 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

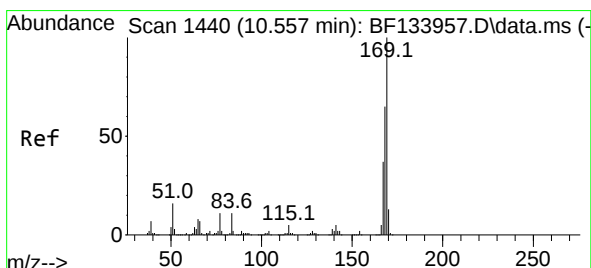
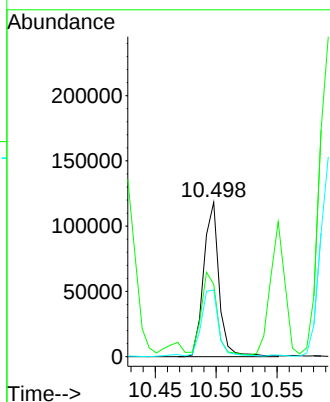
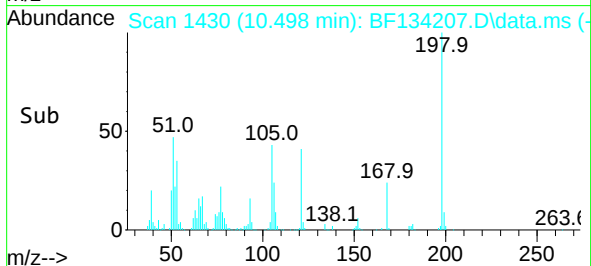
Instrument :
BNA_F
ClientSampleId :
PB154009BS



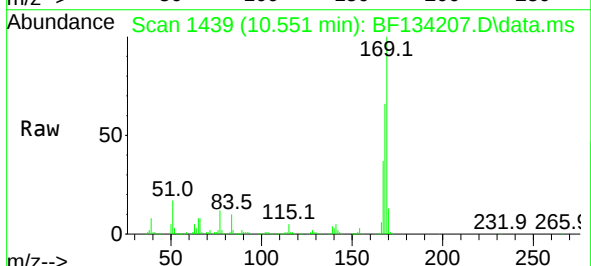
Tgt Ion:198 Resp: 104250
Ion Ratio Lower Upper
198 100
51 46.8 29.3 69.3
105 43.2 22.4 62.4

Manual Integrations
APPROVED

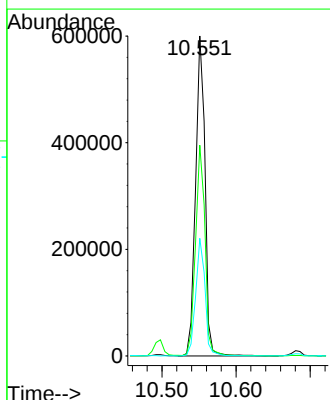
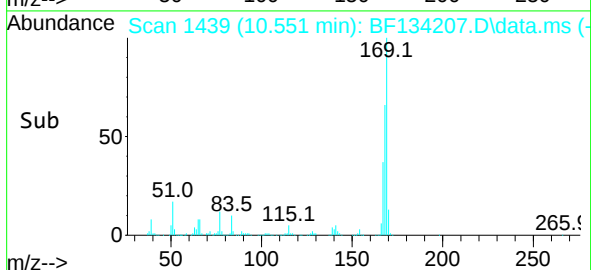
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

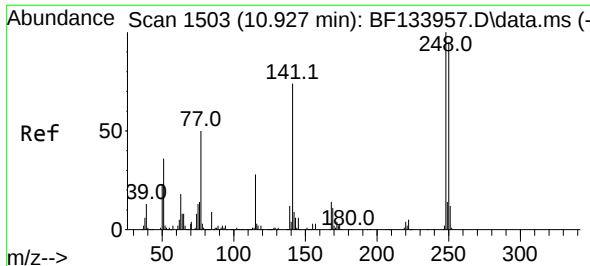


#66
n-Nitrosodiphenylamine
Concen: 35.444 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion:169 Resp: 530932
Ion Ratio Lower Upper
169 100
168 65.9 52.3 78.5
167 36.7 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 37.329 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

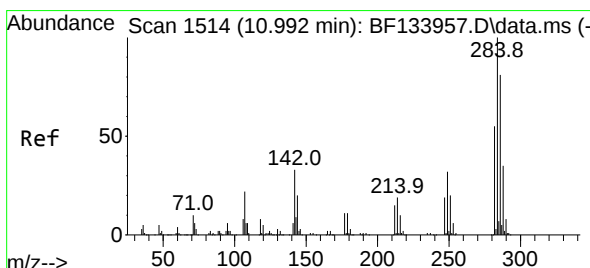
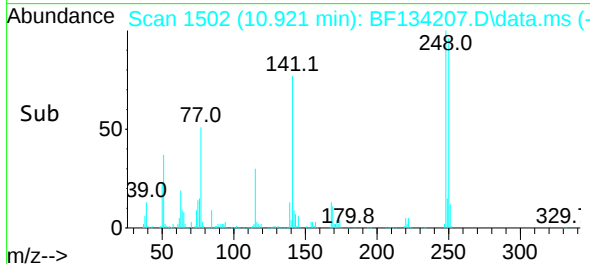
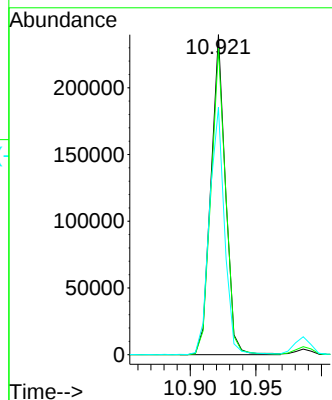
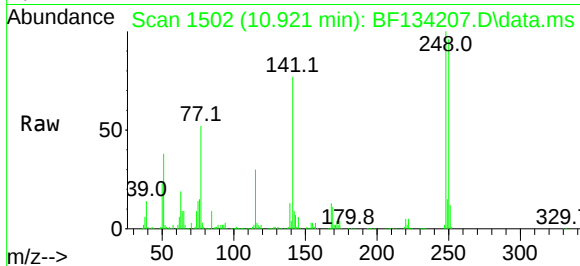
ClientSampleId :

PB154009BS

Tgt Ion:248 Resp: 186015
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.4
141 77.2 59.0 88.4

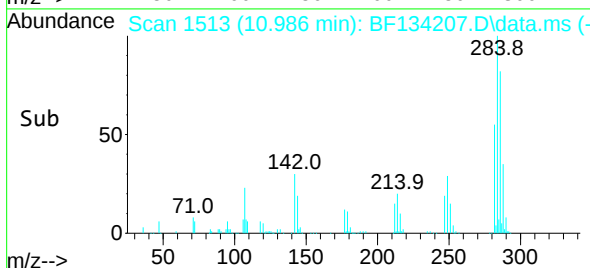
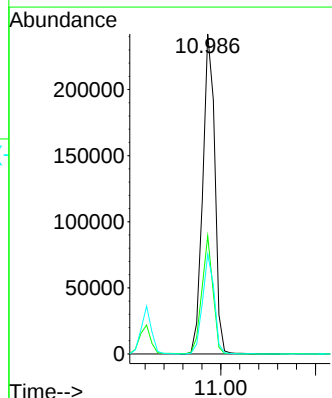
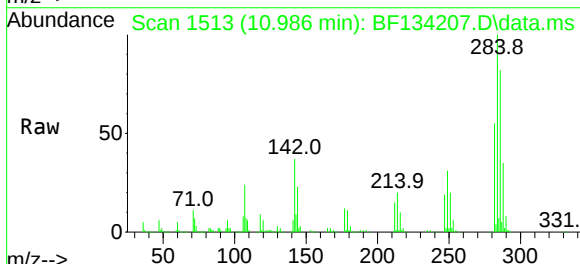
Manual Integrations
APPROVED

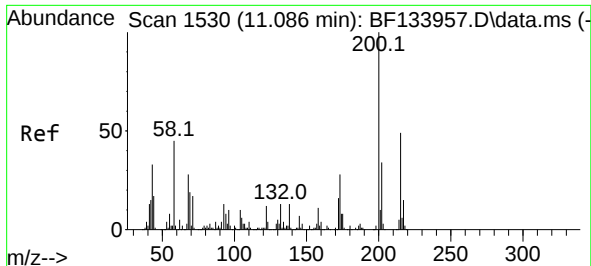
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#68
Hexachlorobenzene
Concen: 40.696 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

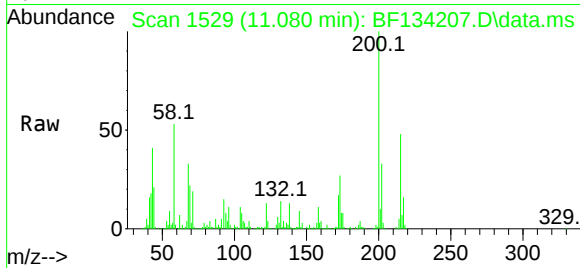
Tgt Ion:284 Resp: 215320
Ion Ratio Lower Upper
284 100
142 36.9 26.6 40.0
249 31.2 25.5 38.3





#69
 Atrazine
 Concen: 39.334 ng
 RT: 11.080 min Scan# 1529
 Delta R.T. -0.000 min
 Lab File: BF134207.D
 Acq: 11 Jul 2023 11:16

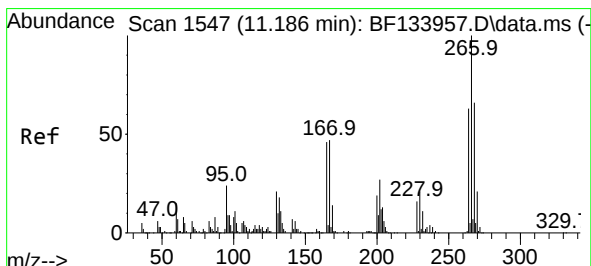
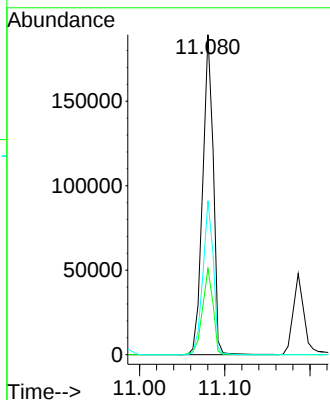
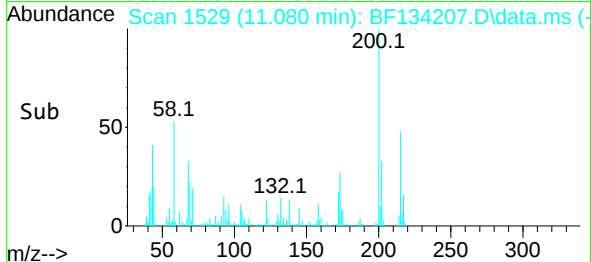
Instrument :
 BNA_F
 ClientSampleId :
 PB154009BS



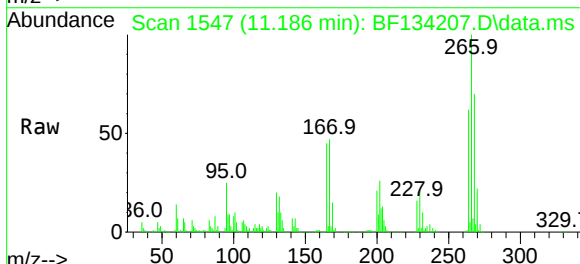
Tgt Ion:200 Resp: 162970
 Ion Ratio Lower Upper
 200 100
 173 26.9 8.0 48.0
 215 48.1 29.3 69.3

Manual Integrations
 APPROVED

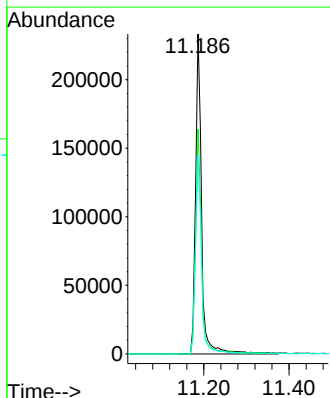
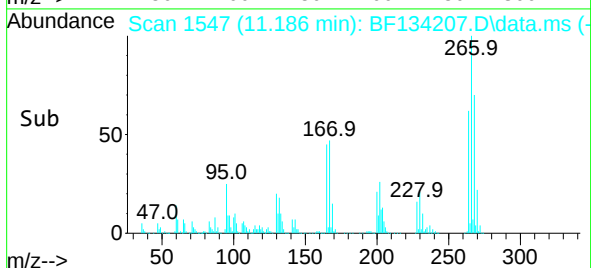
Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

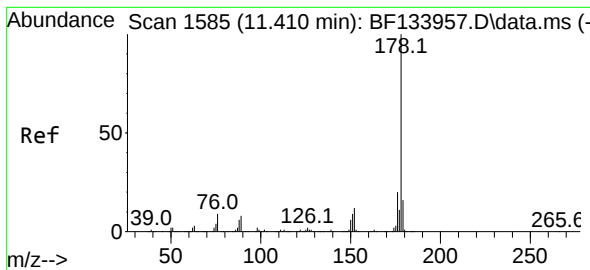


#70
 Pentachlorophenol
 Concen: 72.678 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. -0.000 min
 Lab File: BF134207.D
 Acq: 11 Jul 2023 11:16



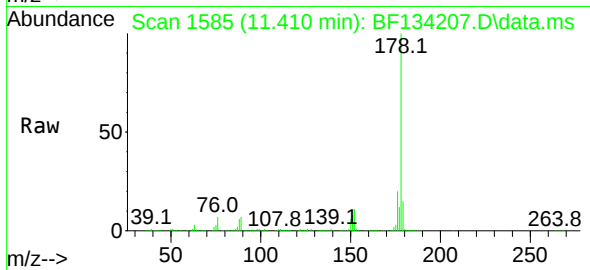
Tgt Ion:266 Resp: 229917
 Ion Ratio Lower Upper
 266 100
 268 70.3 52.6 79.0
 264 62.2 50.6 76.0





#71
Phenanthrene
Concen: 42.048 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

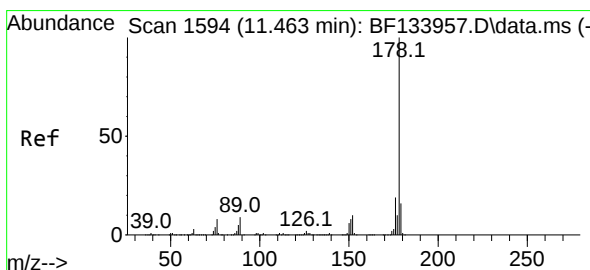
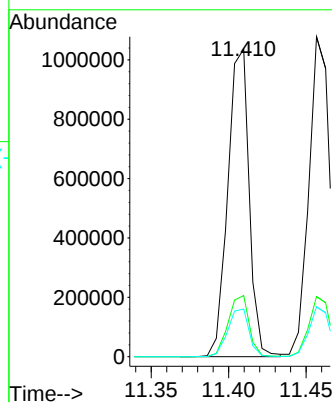
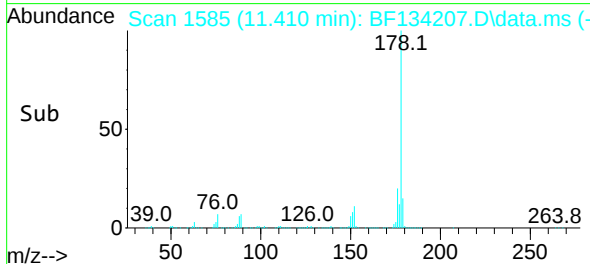
Instrument :
BNA_F
ClientSampleId :
PB154009BS



Tgt Ion:178 Resp: 992420
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.5 12.4 18.6

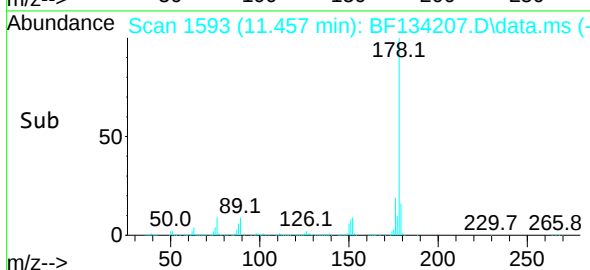
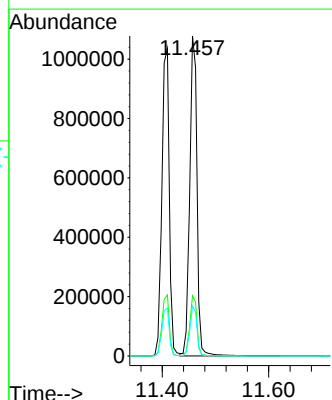
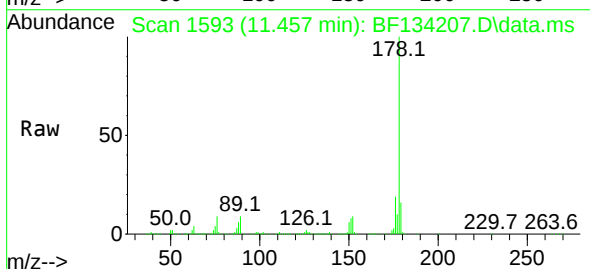
Manual Integrations
APPROVED

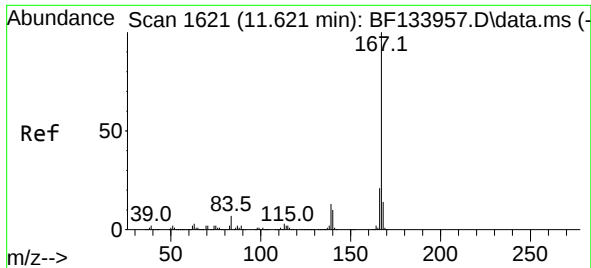
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#72
Anthracene
Concen: 41.554 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

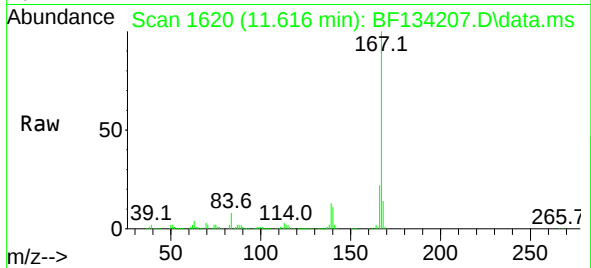
Tgt Ion:178 Resp: 1020086
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 43.488 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BF134207.D
 Acq: 11 Jul 2023 11:16

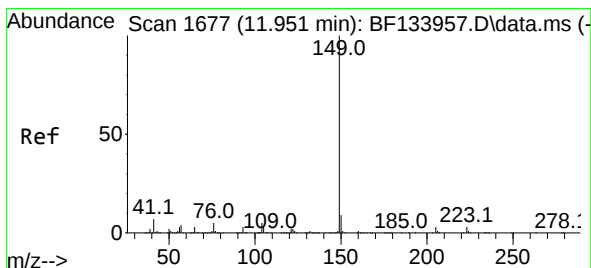
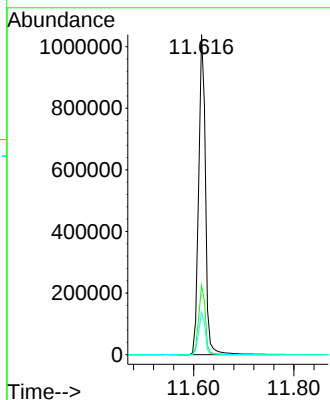
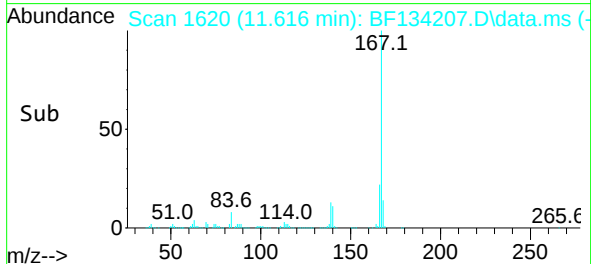
Instrument :
 BNA_F
 ClientSampleId :
 PB154009BS



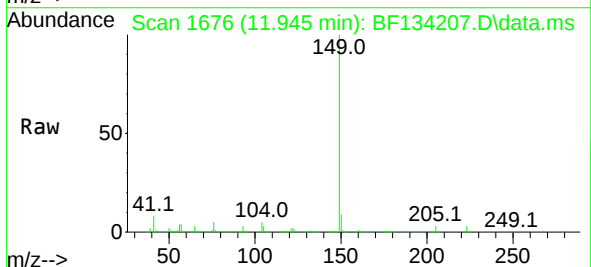
Tgt Ion:167 Resp: 97714
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.1 10.4 15.6

Manual Integrations
 APPROVED

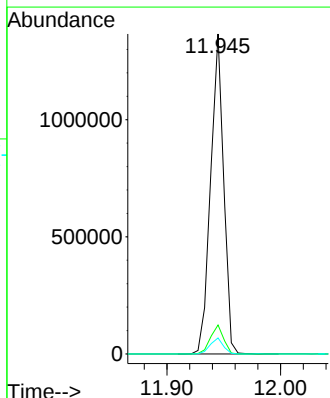
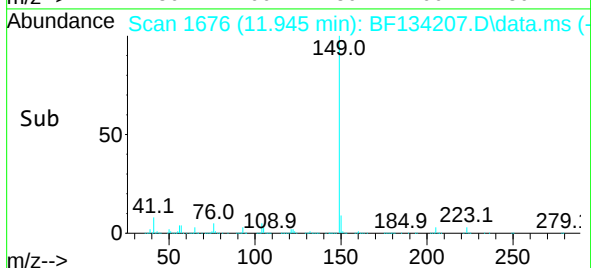
Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

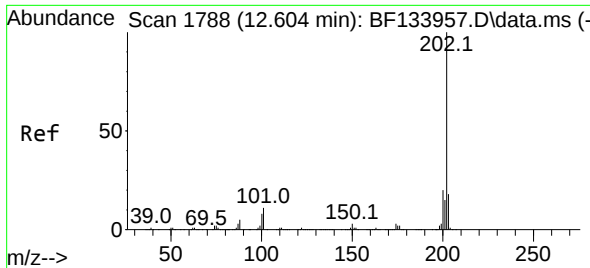


#74
 Di-n-butylphthalate
 Concen: 40.737 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF134207.D
 Acq: 11 Jul 2023 11:16



Tgt Ion:149 Resp: 1088498
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 41.042 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

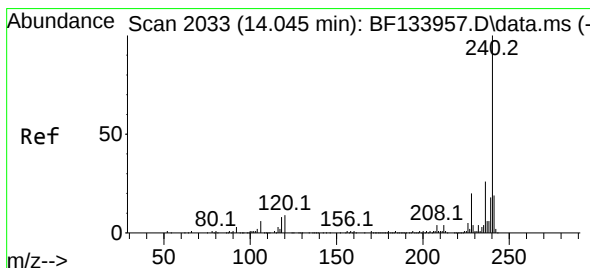
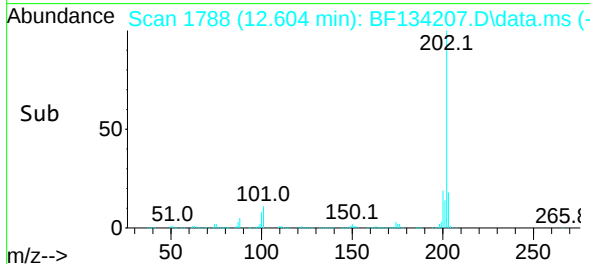
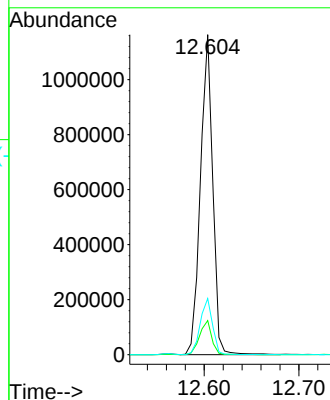
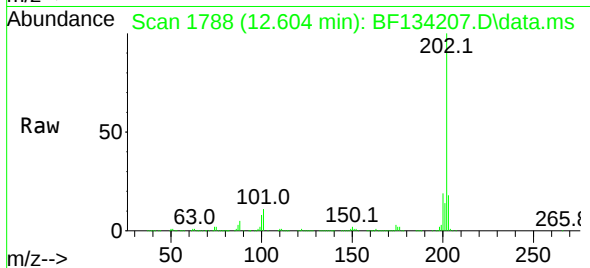
PB154009BS

Tgt Ion:202 Resp: 104720
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
203 17.5 0.0 37.6

Manual Integrations

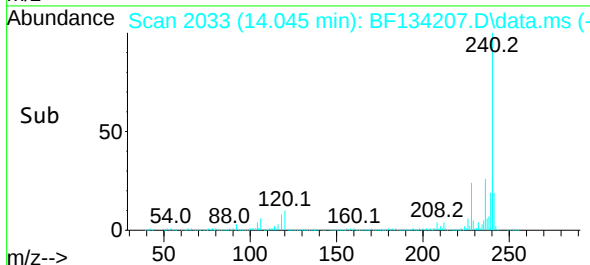
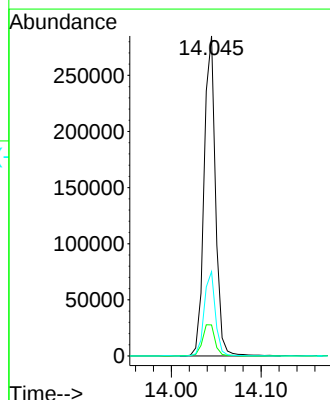
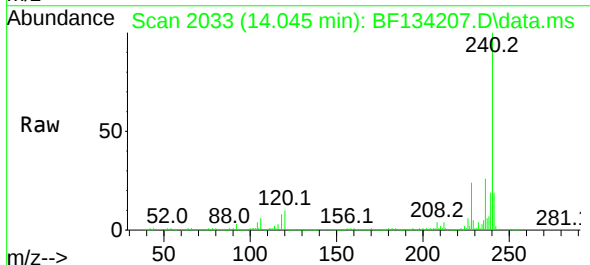
APPROVED

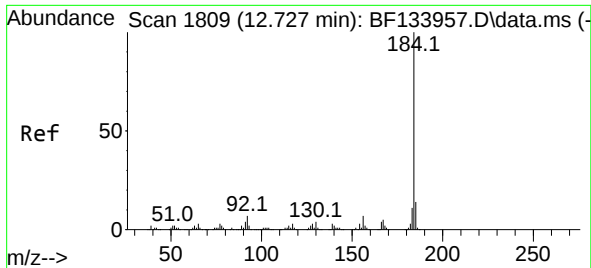
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:240 Resp: 251731
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.3 21.0 31.6





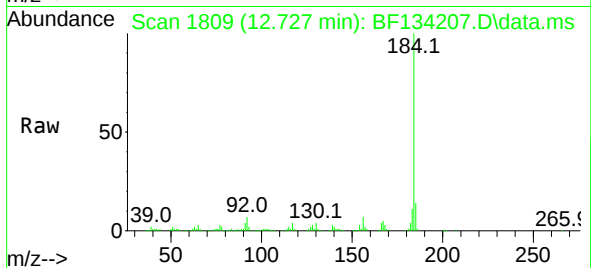
#77
Benzidine
Concen: 26.723 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



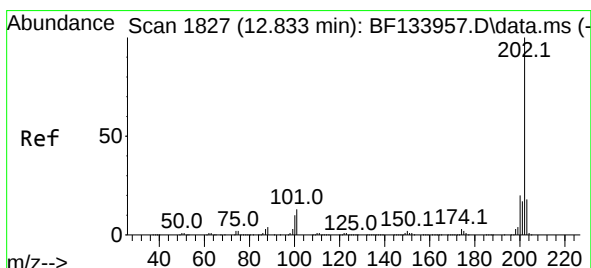
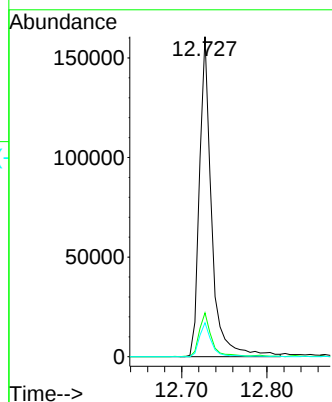
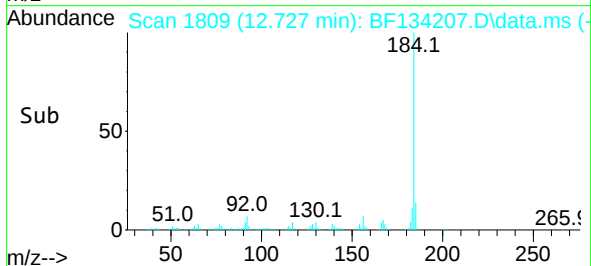
Tgt Ion:184 Resp: 160061
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 10.6 8.8 13.2

Manual Integrations

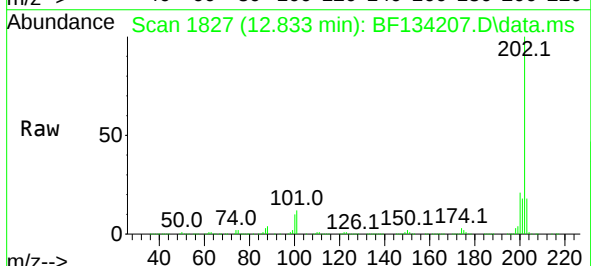
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

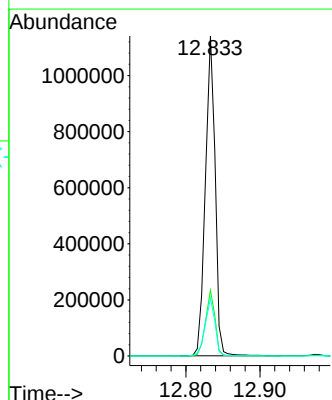
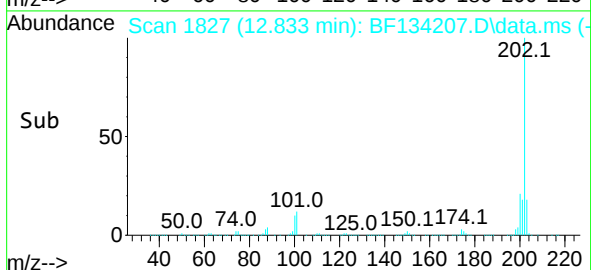
Supervised By :mohammad ahmed 07/12/2023

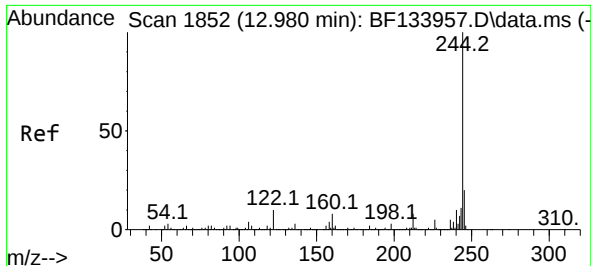


#78
Pyrene
Concen: 44.850 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion:202 Resp: 1050690
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 18.1 14.3 21.5





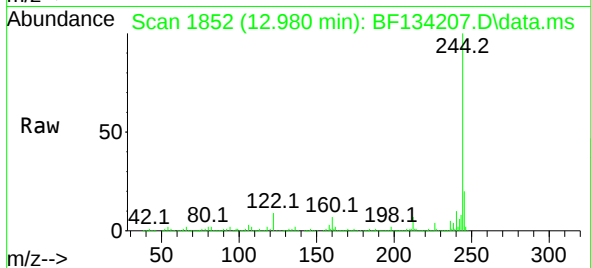
#79
 Terphenyl-d14
 Concen: 89.768 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134207.D
 Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



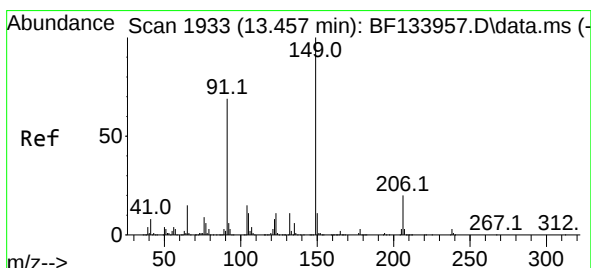
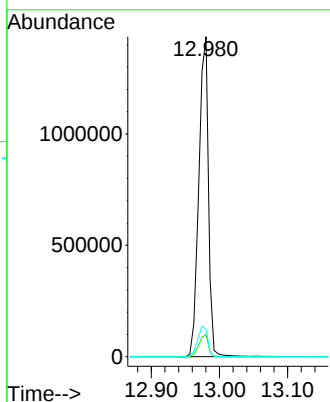
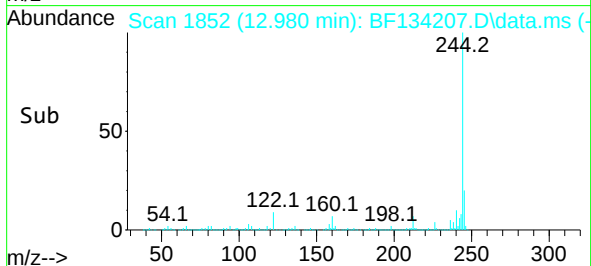
Tgt Ion:244 Resp: 1404064
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.7 8.3 12.5

Manual Integrations

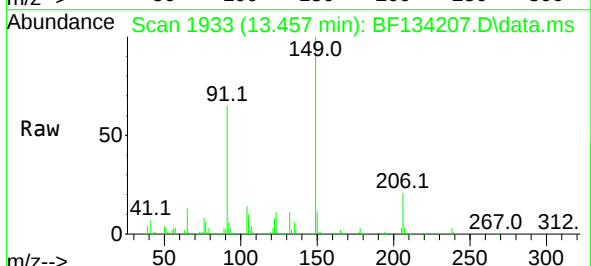
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

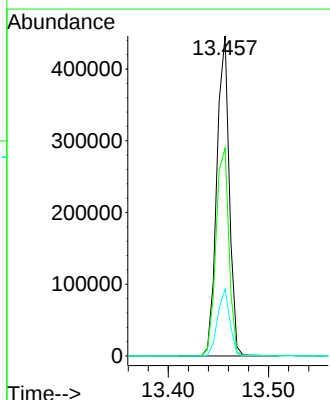
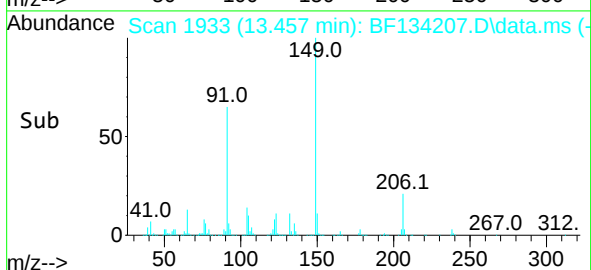
Supervised By :mohammad ahmed 07/12/2023

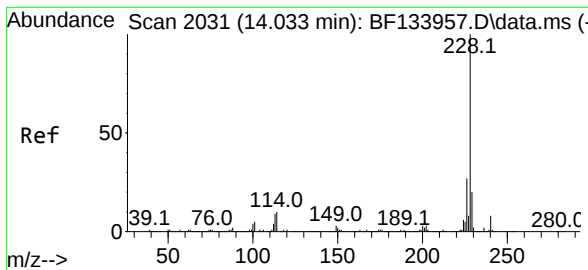


#80
 Butylbenzylphthalate
 Concen: 43.763 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF134207.D
 Acq: 11 Jul 2023 11:16



Tgt Ion:149 Resp: 384516
 Ion Ratio Lower Upper
 149 100
 91 65.0 55.1 82.7
 206 21.0 15.7 23.5





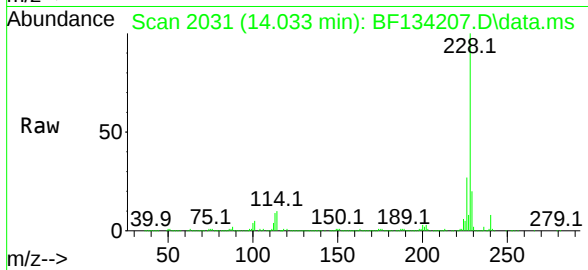
#81
Benzo(a)anthracene
Concen: 41.299 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



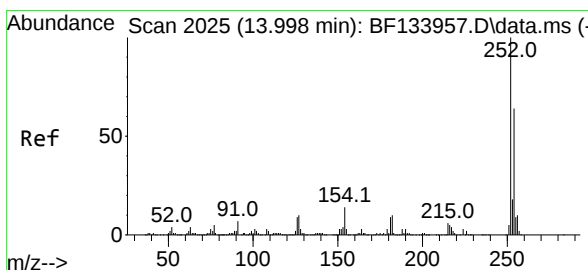
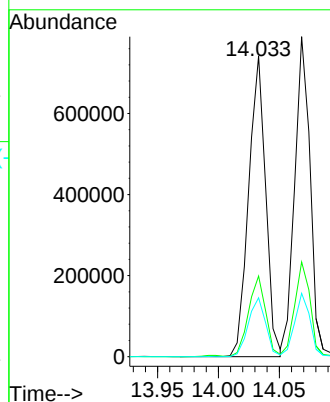
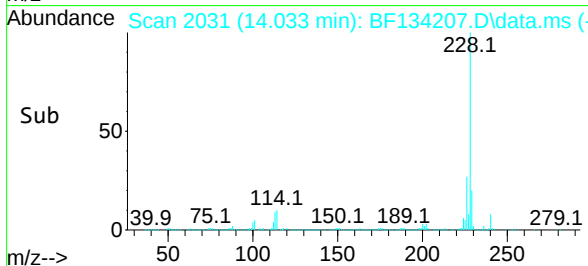
Tgt Ion:228 Resp: 72099
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 19.6 16.3 24.5

Manual Integrations

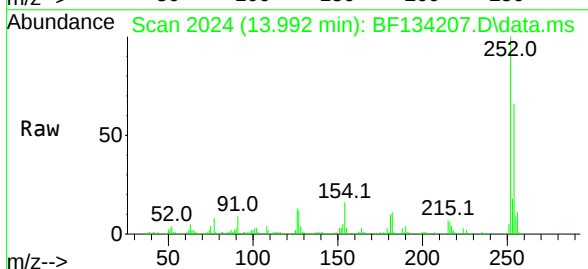
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

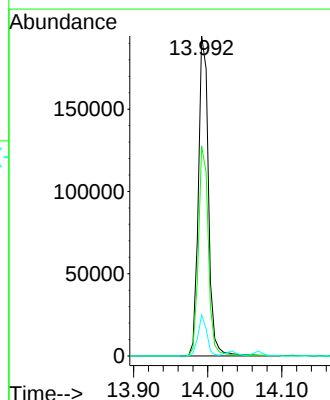
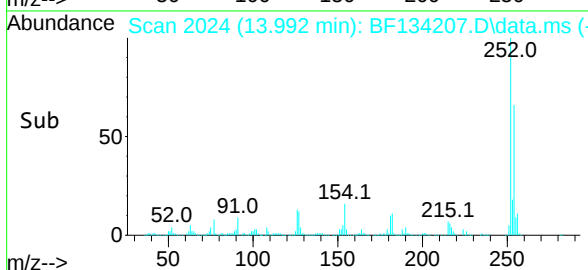
Supervised By :mohammad ahmed 07/12/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.096 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16



Tgt Ion:252 Resp: 183058
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.0
126 12.8 7.4 11.2#





#83

Chrysene

Concen: 41.212 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134207.D

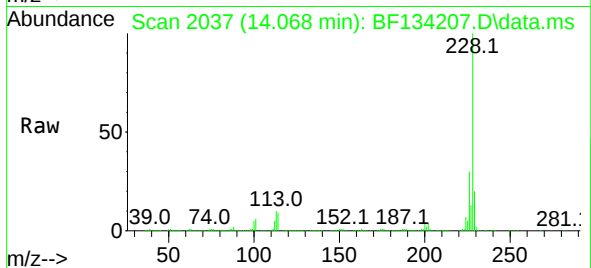
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



Tgt Ion:228 Resp: 696860

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

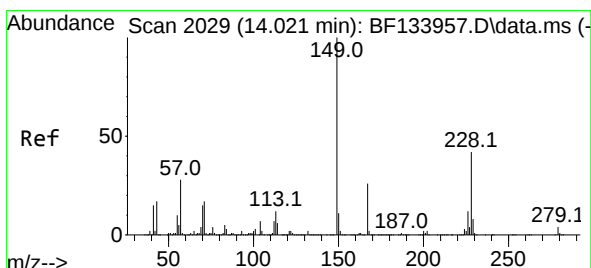
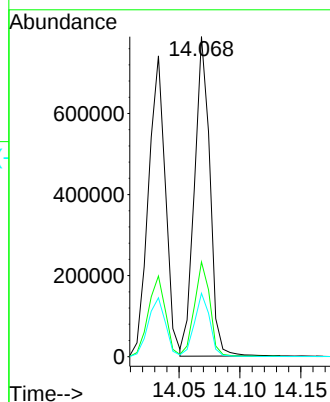
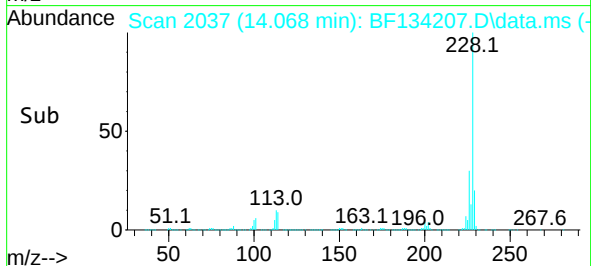
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.743 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

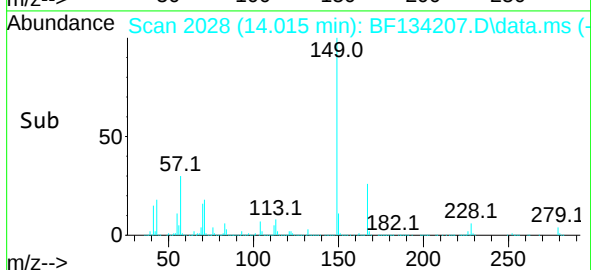
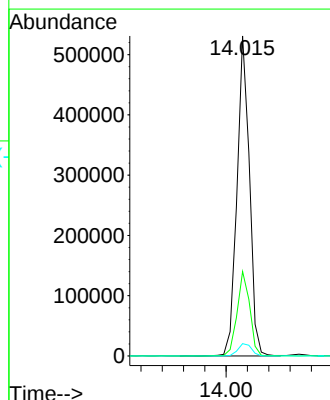
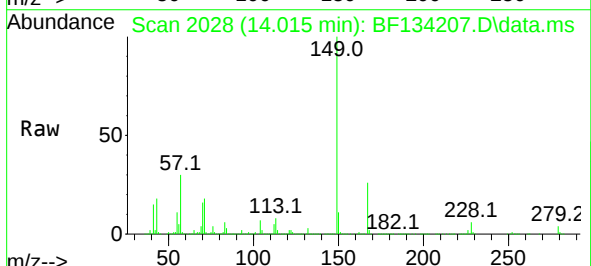
Tgt Ion:149 Resp: 431532

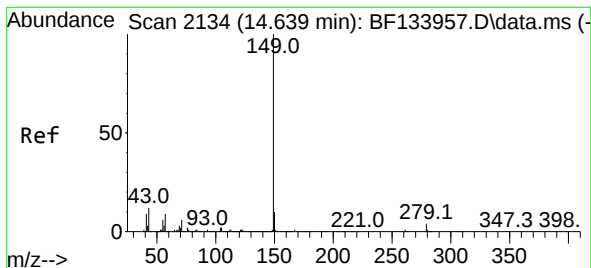
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 35.610 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134207.D

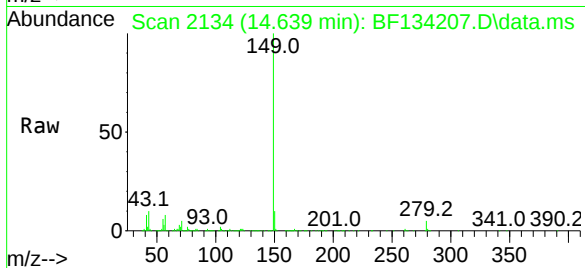
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



Tgt Ion:149 Resp: 52826

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

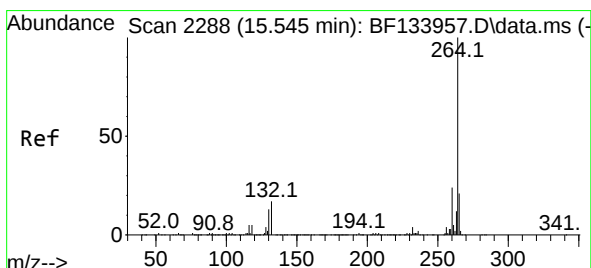
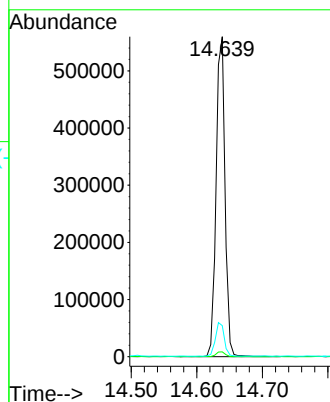
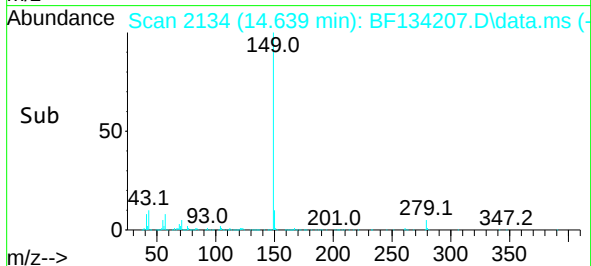
43 10.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

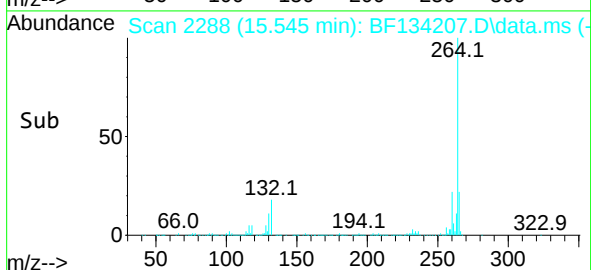
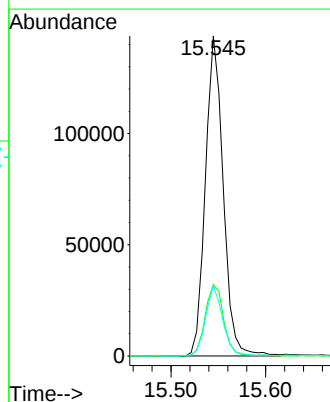
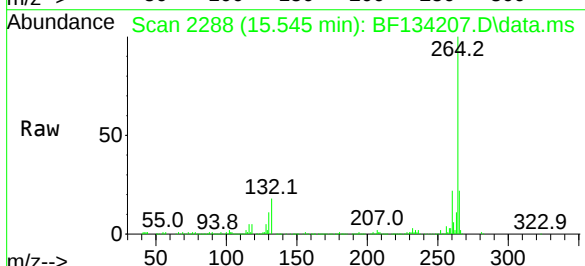
Tgt Ion:264 Resp: 188195

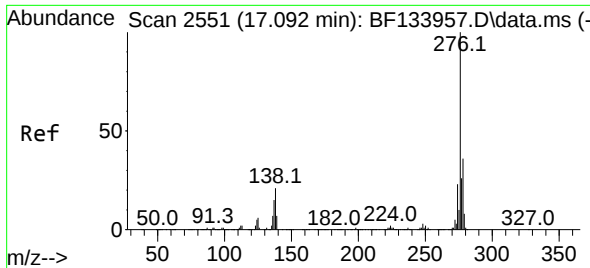
Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 21.9 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.208 ng
RT: 17.103 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

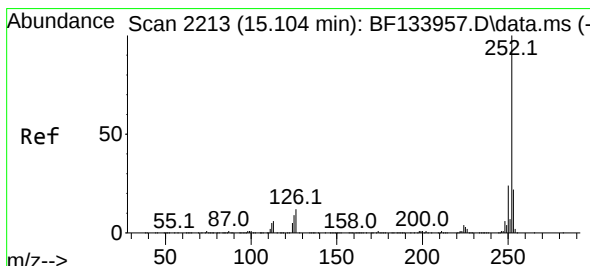
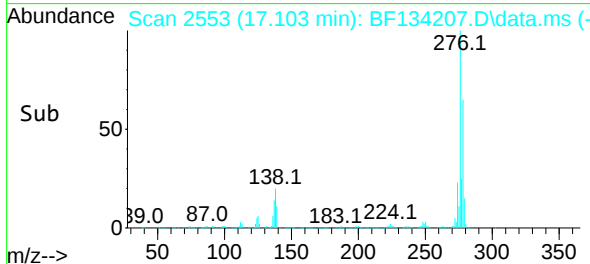
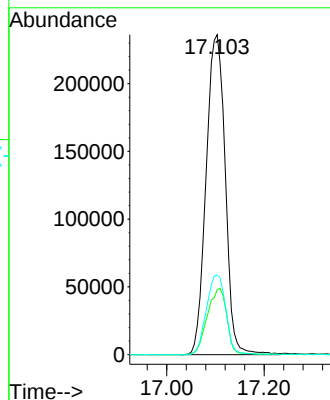
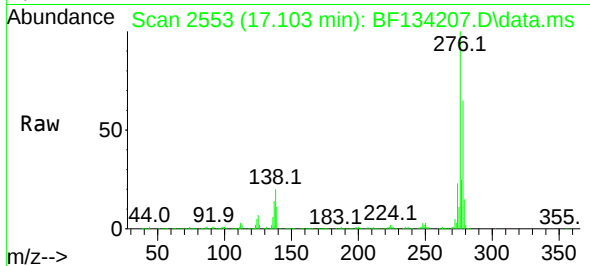
ClientSampleId :

PB154009BS

Tgt Ion:276 Resp: 64260
Ion Ratio Lower Upper
276 100
138 21.2 18.7 28.1
277 25.3 19.9 29.9

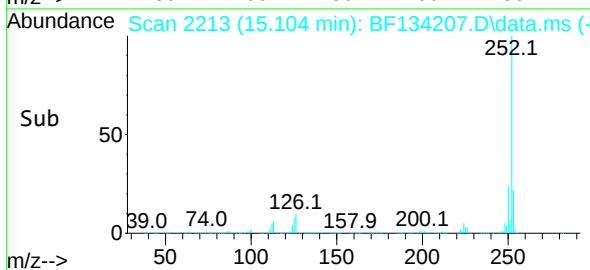
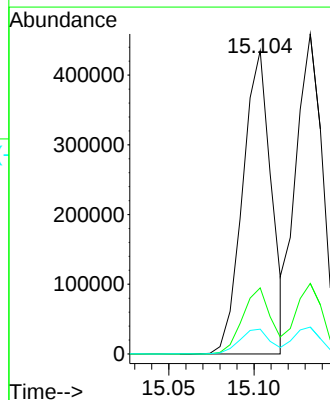
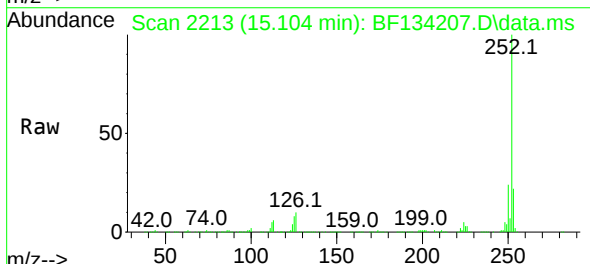
Manual Integrations
APPROVED

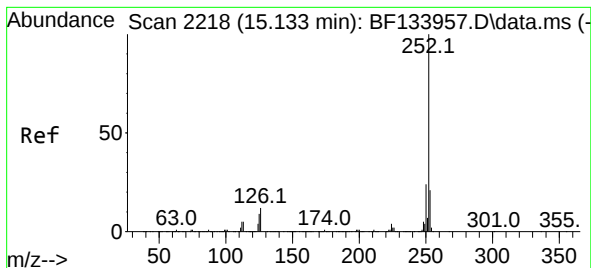
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#88
Benzo(b)fluoranthene
Concen: 45.892 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:252 Resp: 507839
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.693 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF134207.D

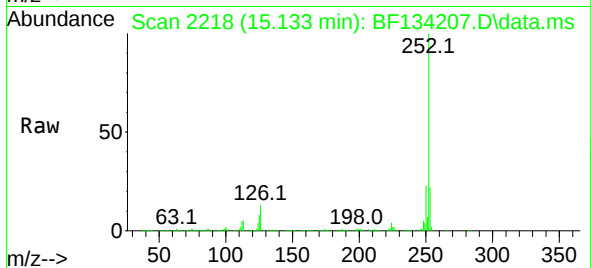
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB154009BS



Tgt Ion:252 Resp: 514820

Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

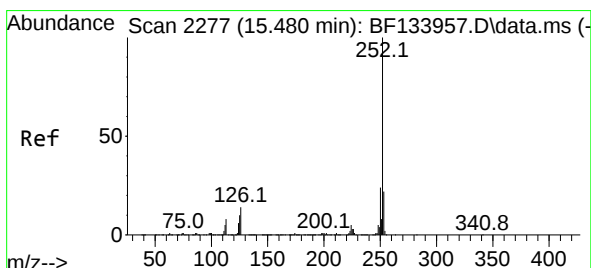
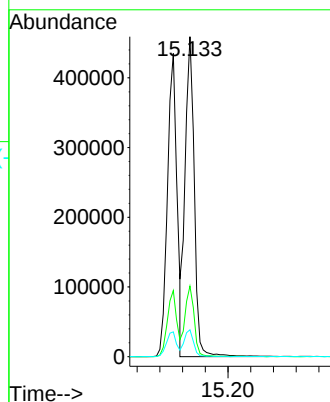
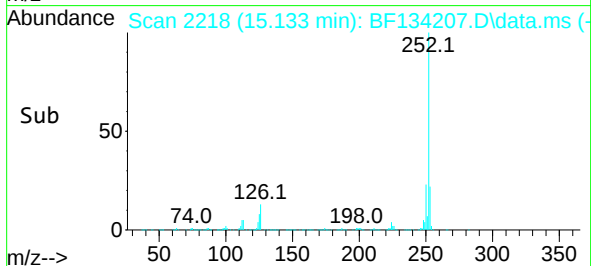
125 8.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#90

Benzo(a)pyrene

Concen: 42.604 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF134207.D

Acq: 11 Jul 2023 11:16

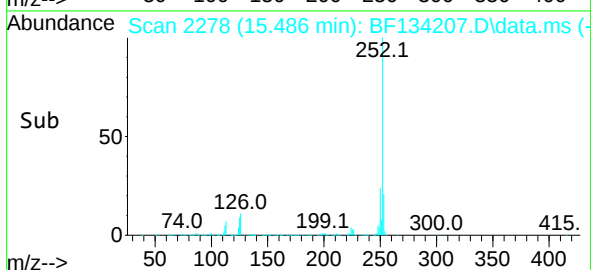
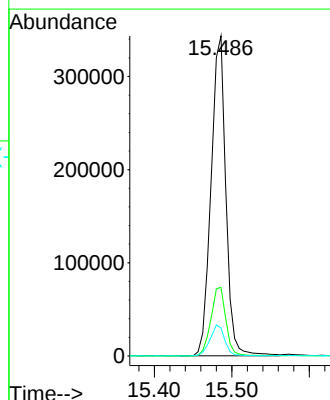
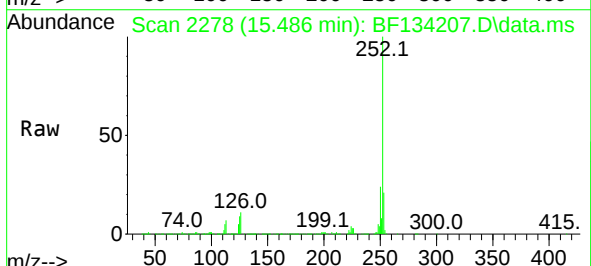
Tgt Ion:252 Resp: 455893

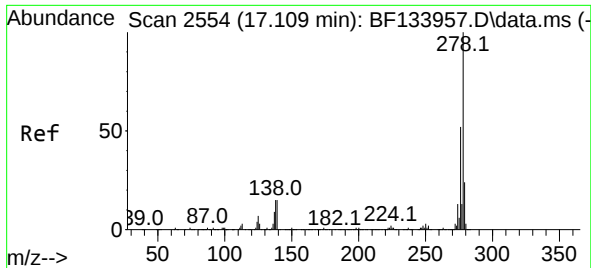
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 49.951 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.000 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Instrument :

BNA_F

ClientSampleId :

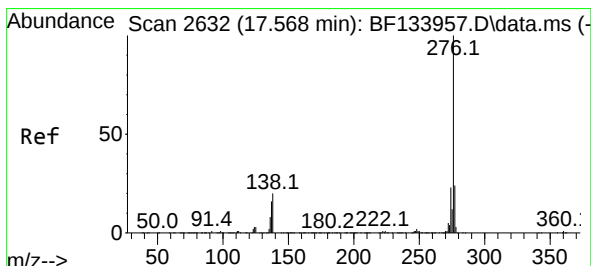
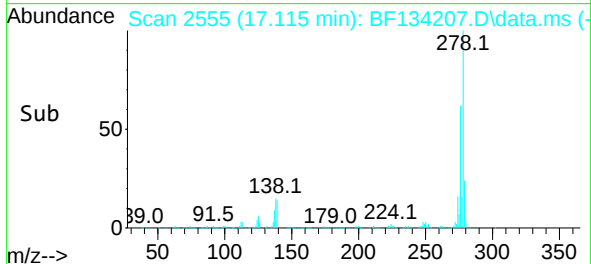
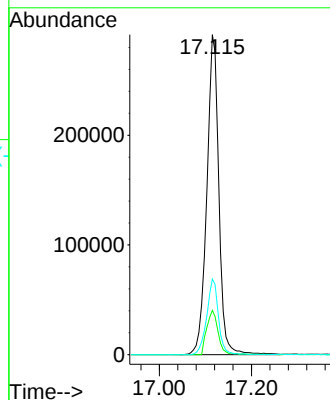
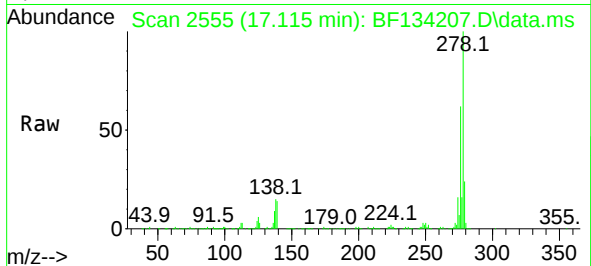
PB154009BS

Tgt Ion:278 Resp: 532790
Ion Ratio Lower Upper
278 100
139 13.9 12.2 18.4
279 23.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#92
Benzo(g,h,i)perylene
Concen: 48.851 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134207.D
Acq: 11 Jul 2023 11:16

Tgt Ion:276 Resp: 537333
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 17.8 16.2 24.2

