

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134031.D
 Acq On : 29 Jun 2023 11:55
 Operator : CG\JU
 Sample : PB153762BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 12:58:38 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 23:12:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103879	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	400763	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	206079	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	405360	20.000	ng	0.00
76) Chrysene-d12	14.045	240	209842	20.000	ng	0.00
86) Perylene-d12	15.545	264	203741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	718168	115.647	ng	0.01
7) Phenol-d6	6.492	99	850471	111.361	ng	0.00
23) Nitrobenzene-d5	7.416	82	586348	78.868	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	298555	115.548	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1092885	77.103	ng	0.00
79) Terphenyl-d14	12.980	244	1239186	95.041	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	102294	39.950	ng	98
3) Pyridine	3.487	79	234824	35.208	ng	97
4) n-Nitrosodimethylamine	3.440	42	168433	44.217	ng	94
6) Aniline	6.510	93	244843	26.346	ng	# 57
8) 2-Chlorophenol	6.634	128	281629	44.675	ng	99
9) Benzaldehyde	6.398	77	104516	22.021	ng	95
10) Phenol	6.504	94	333963	41.590	ng	91
11) bis(2-Chloroethyl)ether	6.586	93	254426	43.038	ng	98
12) 1,3-Dichlorobenzene	6.786	146	300907	44.773	ng	99
13) 1,4-Dichlorobenzene	6.863	146	311503	45.889	ng	98
14) 1,2-Dichlorobenzene	7.016	146	288629	45.400	ng	99
15) Benzyl Alcohol	6.992	79	260276	44.208	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	437627	41.844	ng	99
17) 2-Methylphenol	7.104	107	232709	41.224	ng	97
18) Hexachloroethane	7.357	117	118509	47.083	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	200834	41.467	ng	97
20) 3+4-Methylphenols	7.257	107	281746	41.141	ng	95
22) Acetophenone	7.257	105	396852	43.541	ng	97
24) Nitrobenzene	7.434	77	311835	41.507	ng	97
25) Isophorone	7.669	82	552865	40.917	ng	98
26) 2-Nitrophenol	7.745	139	157941	43.823	ng	95
27) 2,4-Dimethylphenol	7.786	122	249154	43.674	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	314576	40.208	ng	99
29) 2,4-Dichlorophenol	7.986	162	236870	41.872	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	253598	43.445	ng	99
31) Naphthalene	8.151	128	799596	41.305	ng	100
32) Benzoic acid	7.910	122	194675	45.540	ng	99
33) 4-Chloroaniline	8.198	127	97590	11.785	ng	98
34) Hexachlorobutadiene	8.263	225	161941	43.980	ng	99
35) Caprolactam	8.580	113	81529m	43.770	ng	
36) 4-Chloro-3-methylphenol	8.686	107	271595	42.736	ng	95
37) 2-Methylnaphthalene	8.845	142	536836	39.216	ng	100
38) 1-Methylnaphthalene	8.945	142	497380	39.083	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	256114	41.949	ng	99
41) Hexachlorocyclopentadiene	8.992	237	275668	95.172	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	172769	41.569	ng	98

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 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 12:58:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	180488	36.918	ng	99
46) 1,1'-Biphenyl	9.310	154	679488	41.104	ng	98
47) 2-Chloronaphthalene	9.333	162	497754	41.153	ng	97
48) 2-Nitroaniline	9.433	65	180856	41.029	ng	98
49) Acenaphthylene	9.751	152	834676	40.398	ng	100
50) Dimethylphthalate	9.610	163	601012	40.176	ng	99
51) 2,6-Dinitrotoluene	9.675	165	134216	41.656	ng	# 85
52) Acenaphthene	9.922	154	486052	40.542	ng	99
53) 3-Nitroaniline	9.845	138	93792	24.265	ng	97
54) 2,4-Dinitrophenol	9.963	184	153401	82.324	ng	94
55) Dibenzofuran	10.098	168	746815	39.858	ng	98
56) 4-Nitrophenol	10.016	139	211964	78.396	ng	91
57) 2,4-Dinitrotoluene	10.086	165	178501	41.950	ng	94
58) Fluorene	10.439	166	593199	40.694	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	161862	41.973	ng	98
60) Diethylphthalate	10.316	149	632887	40.608	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	281570	40.082	ng	99
62) 4-Nitroaniline	10.469	138	148425	38.102	ng	98
63) Azobenzene	10.592	77	597693	40.542	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	104649	47.353	ng	94
66) n-Nitrosodiphenylamine	10.557	169	527174	40.704	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	174488	40.498	ng	# 91
68) Hexachlorobenzene	10.992	284	200264	43.777	ng	96
69) Atrazine	11.086	200	156563	43.703	ng	98
70) Pentachlorophenol	11.186	266	206189	75.383	ng	98
71) Phenanthrene	11.410	178	849417	41.625	ng	99
72) Anthracene	11.463	178	881217	41.518	ng	99
73) Carbazole	11.621	167	812253	41.809	ng	100
74) Di-n-butylphthalate	11.945	149	995600	43.094	ng	98
75) Fluoranthene	12.604	202	918129	41.617	ng	99
77) Benzidine	12.727	184	167090	33.465	ng	99
78) Pyrene	12.833	202	910427	46.620	ng	100
80) Butylbenzylphthalate	13.457	149	347244	47.411	ng	100
81) Benzo(a)anthracene	14.033	228	607835	41.767	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	142750	30.961	ng	# 98
83) Chrysene	14.068	228	570654	40.485	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	419501	49.846	ng	100
85) Di-n-octyl phthalate	14.639	149	616845	49.882	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	663839	46.956	ng	98
88) Benzo(b)fluoranthene	15.104	252	533719	44.550	ng	99
89) Benzo(k)fluoranthene	15.133	252	520161	42.644	ng	99
90) Benzo(a)pyrene	15.486	252	472971	40.827	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	536997	46.504	ng	97
92) Benzo(g,h,i)perylene	17.574	276	538055	45.184	ng	99

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

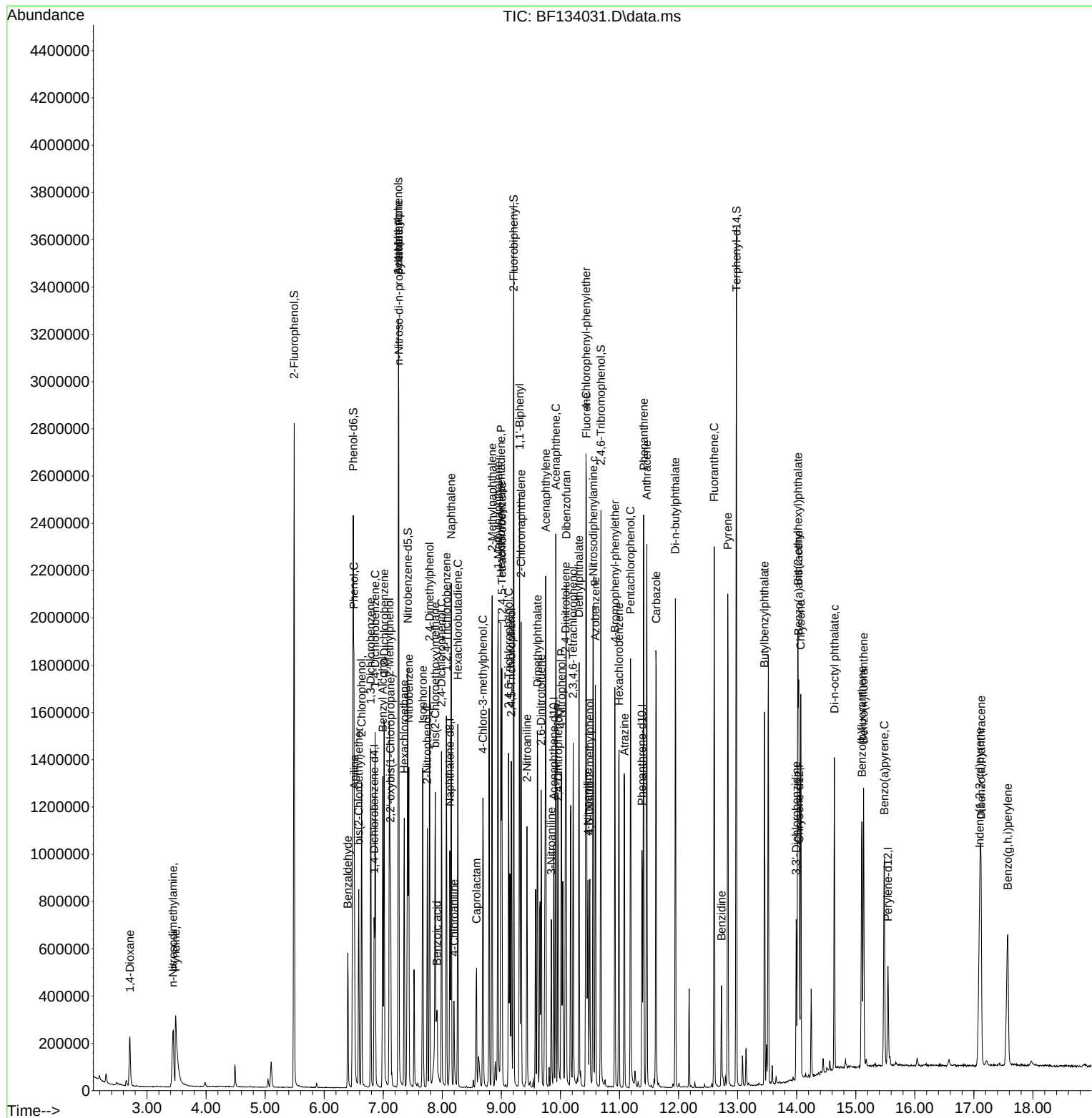
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
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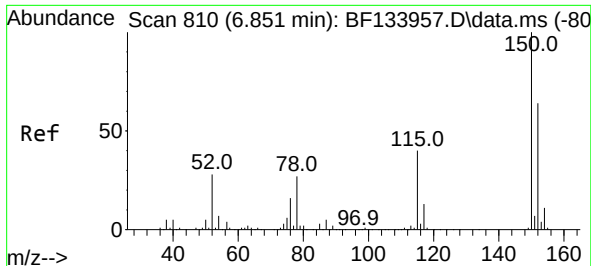
Instrument :
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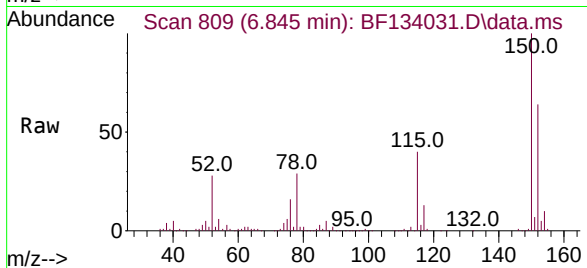
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

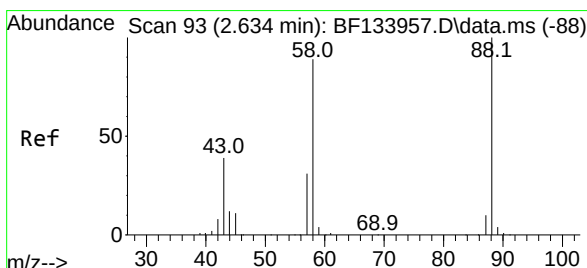
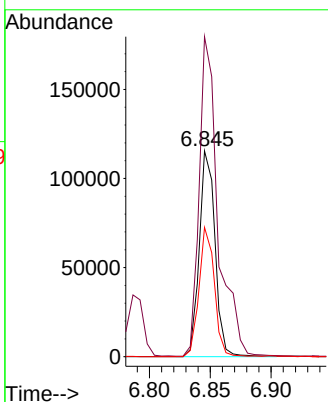
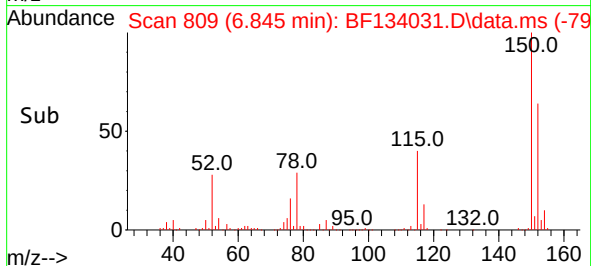


Tgt Ion:152 Resp: 103879
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 62.8 50.2 75.2

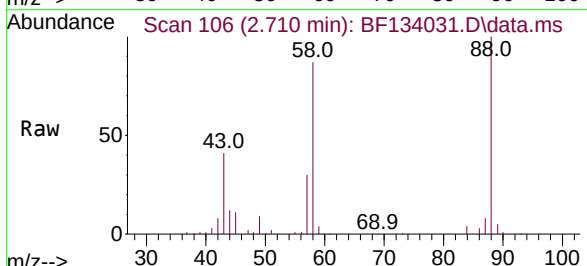
Manual Integrations

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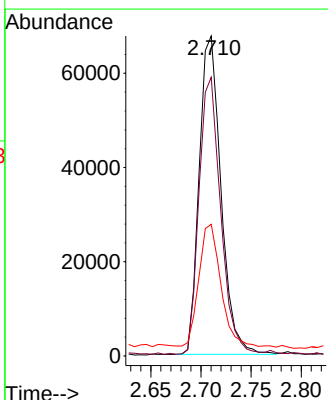
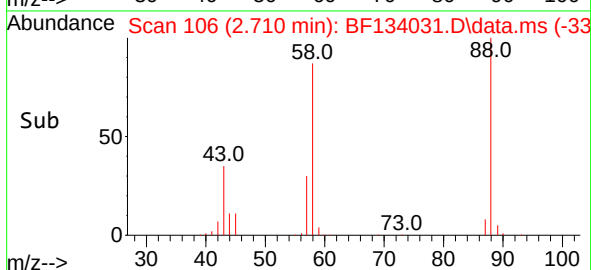
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

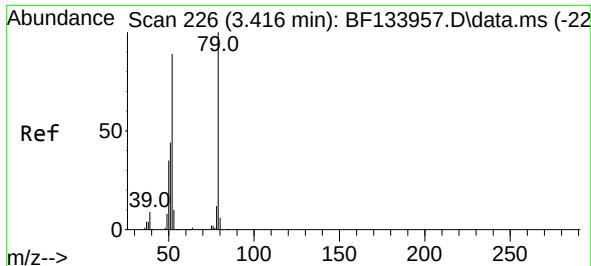


#2
1,4-Dioxane
Concen: 39.950 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.076 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



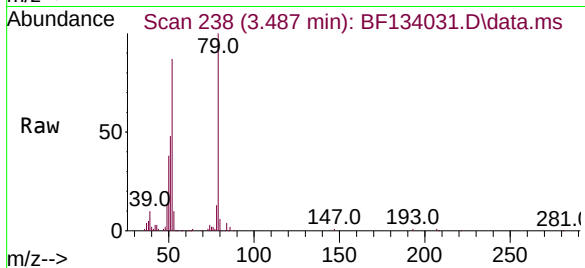
Tgt Ion: 88 Resp: 102294
Ion Ratio Lower Upper
88 100
58 86.4 68.8 103.2
43 41.3 30.7 46.1





#3
Pyridine
Concen: 35.208 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

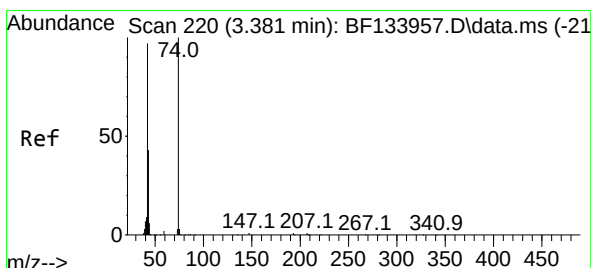
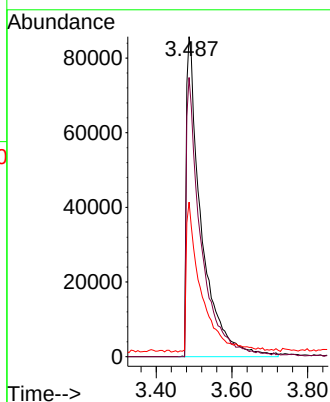
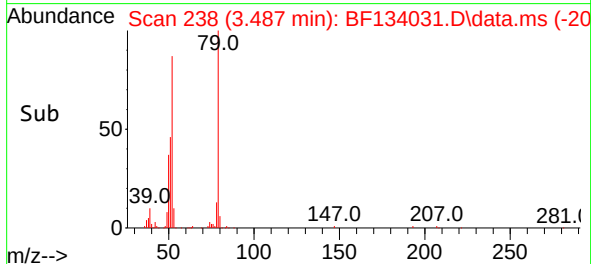
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ClientSampleId :
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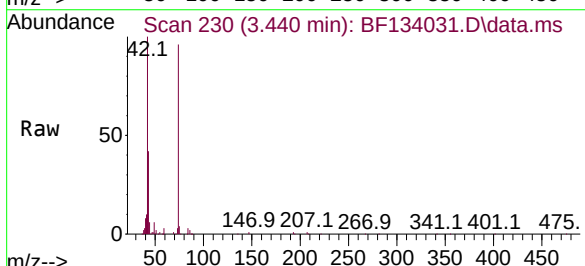
Tgt Ion: 79 Resp: 234824
Ion Ratio Lower Upper
79 100
52 87.2 71.1 106.7
51 48.3 35.2 52.8

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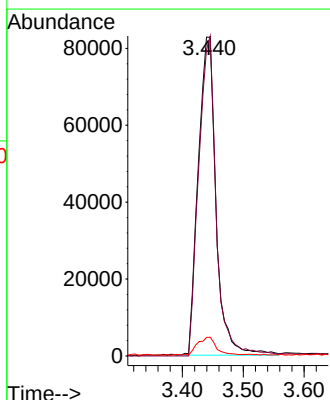
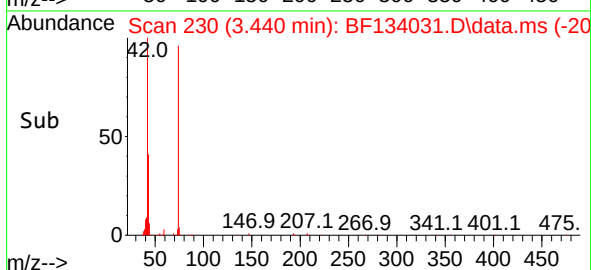
Reviewed By :Yogesh Patel 06/30/2023
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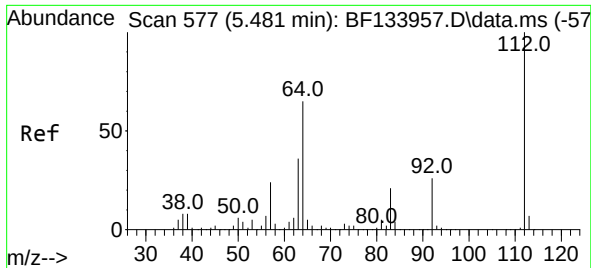


#4
n-Nitrosodimethylamine
Concen: 44.217 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.059 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion: 42 Resp: 168433
Ion Ratio Lower Upper
42 100
74 96.1 82.4 123.6
44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 115.647 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

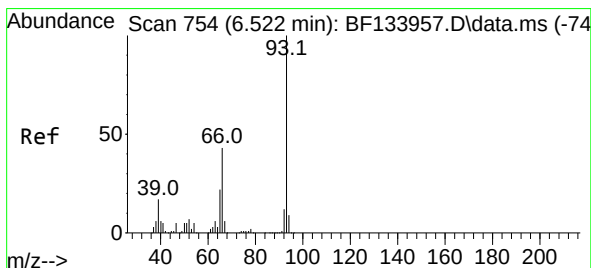
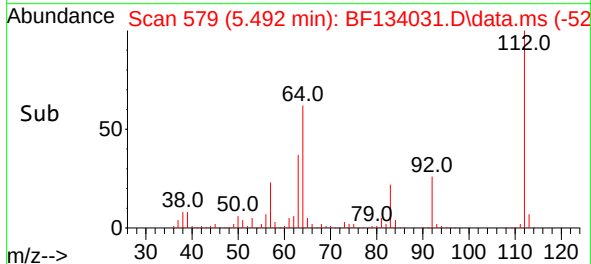
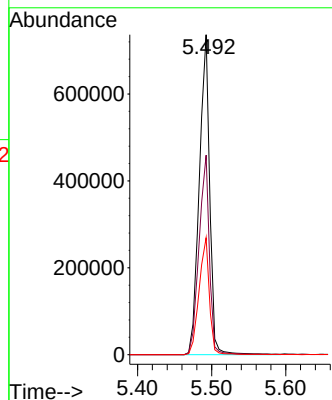
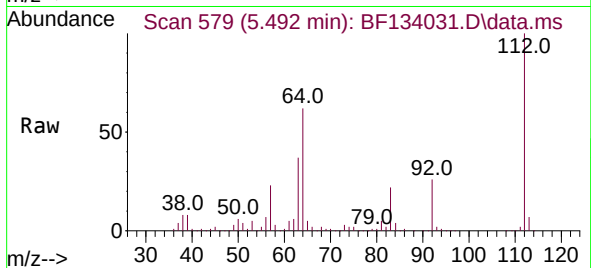
PB153762BS

Tgt Ion:112 Resp: 71816
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 36.6 28.6 42.8

Manual Integrations

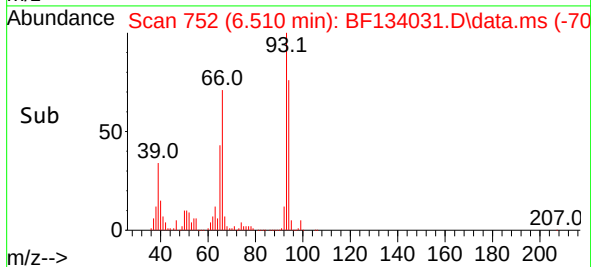
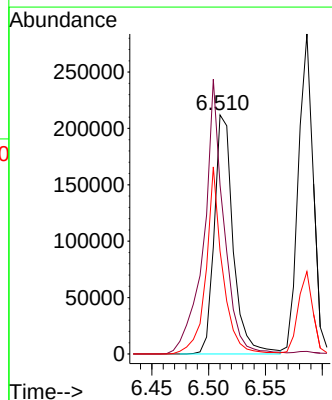
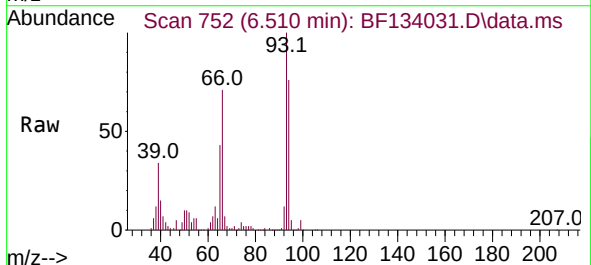
APPROVED

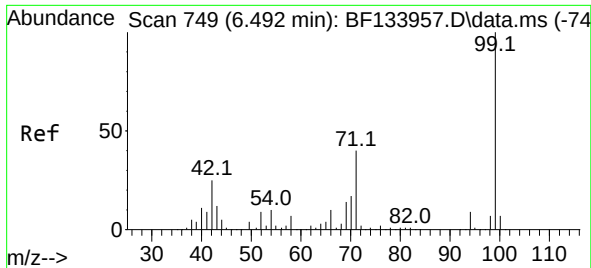
Reviewed By :Yogesh Patel 06/30/2023
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#6
Aniline
Concen: 26.346 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134031.D
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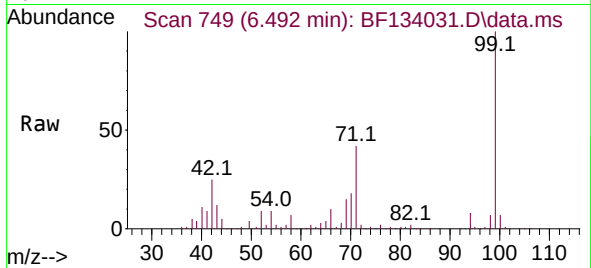
Tgt Ion: 93 Resp: 244843
Ion Ratio Lower Upper
93 100
66 70.7 34.5 51.7#
65 43.0 17.8 26.6#





#7
Phenol-d6
Concen: 111.361 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

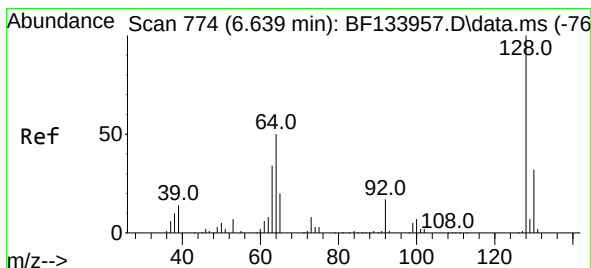
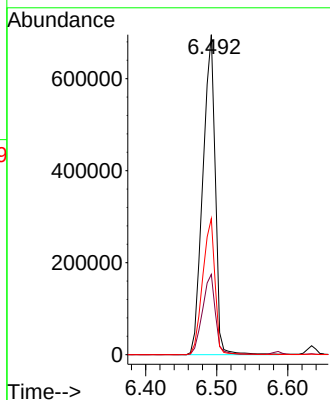
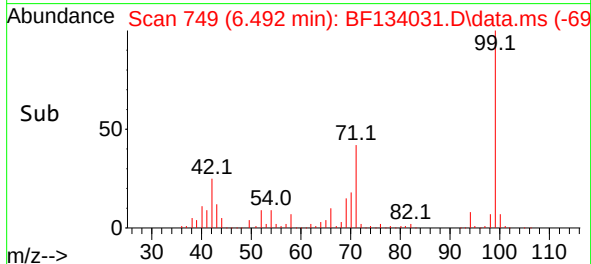
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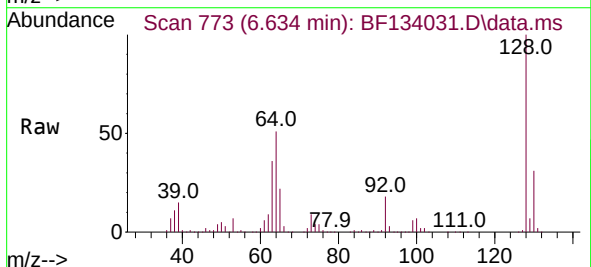
Tgt Ion: 99 Resp: 85047
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.6
71 42.5 31.9 47.9

Manual Integrations
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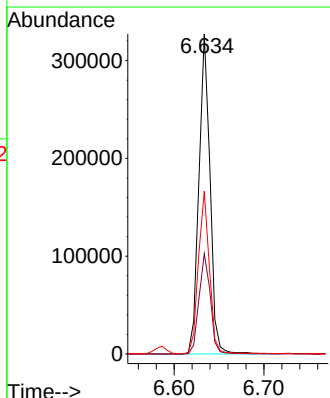
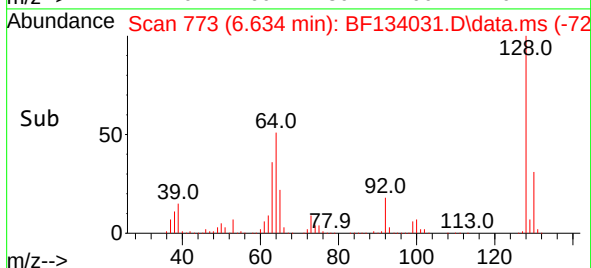
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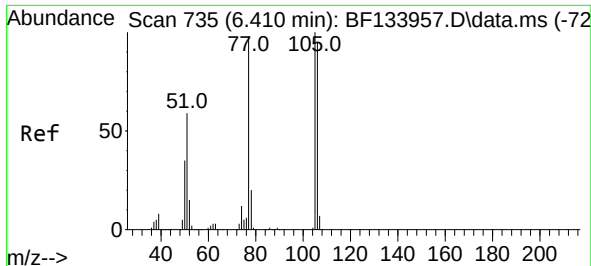


#8
2-Chlorophenol
Concen: 44.675 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



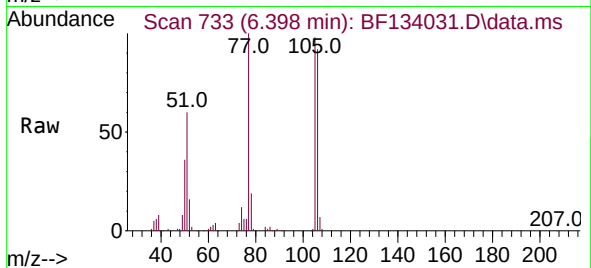
Tgt Ion:128 Resp: 281629
Ion Ratio Lower Upper
128 100
130 31.3 11.7 51.7
64 50.8 31.3 71.3





#9
Benzaldehyde
Concen: 22.021 ng
RT: 6.398 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF134031.D
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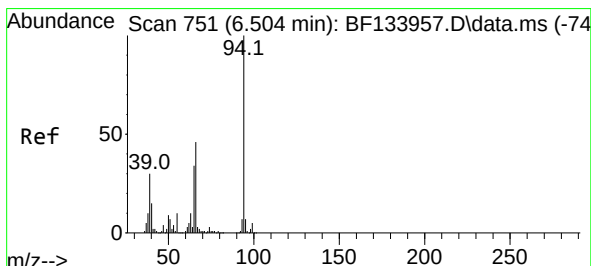
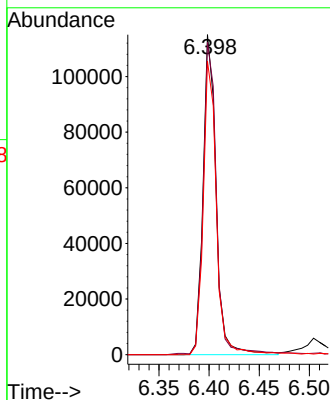
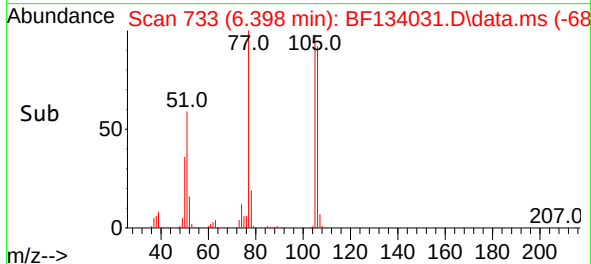
Instrument :
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Tgt Ion: 77 Resp: 104510
Ion Ratio Lower Upper
77 100
105 97.5 82.0 122.0
106 91.7 76.9 116.9

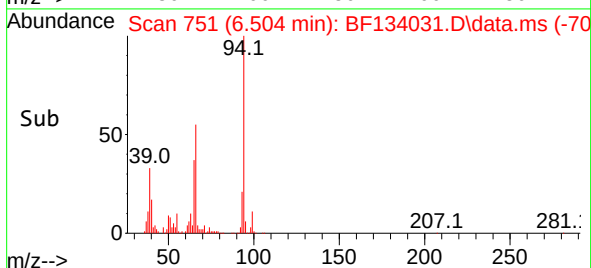
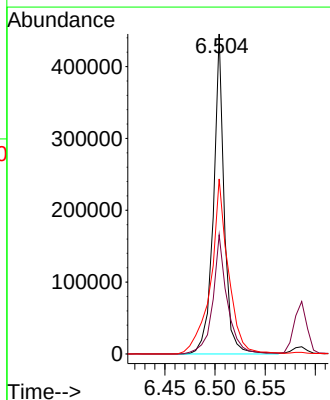
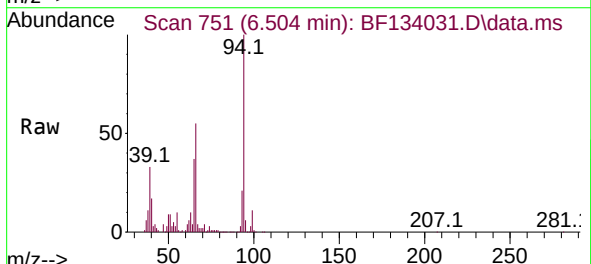
Manual Integrations
APPROVED

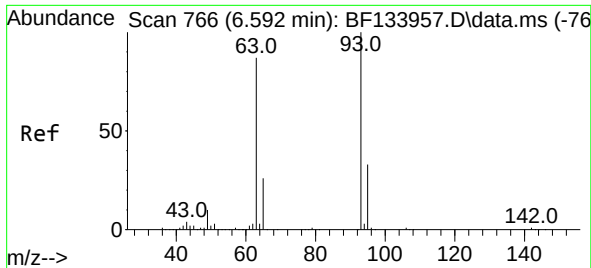
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Phenol
Concen: 41.590 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion: 94 Resp: 333963
Ion Ratio Lower Upper
94 100
65 37.2 14.2 54.2
66 54.7 26.4 66.4





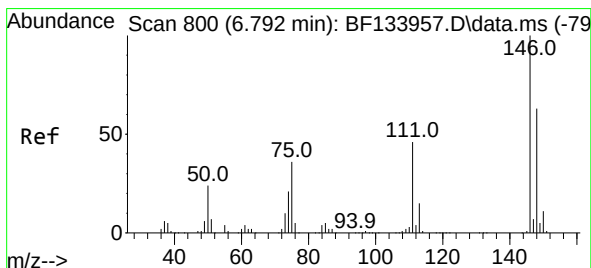
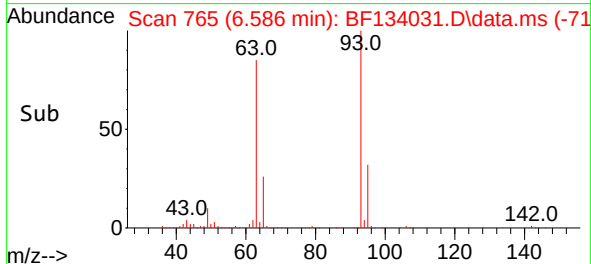
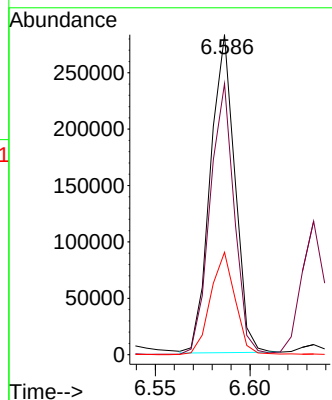
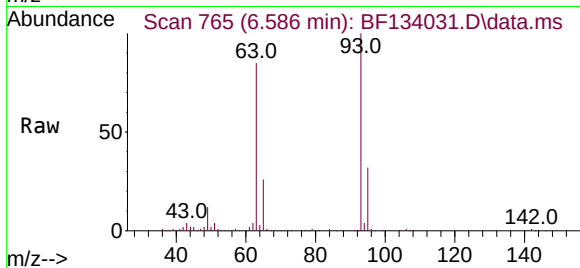
#11
bis(2-Chloroethyl)ether
Concen: 43.038 ng
RT: 6.586 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :
BNA_F
ClientSampleId :
PB153762BS

Tgt Ion: 93 Resp: 254420
Ion Ratio Lower Upper
93 100
63 84.7 66.5 106.5
95 32.0 12.9 52.9

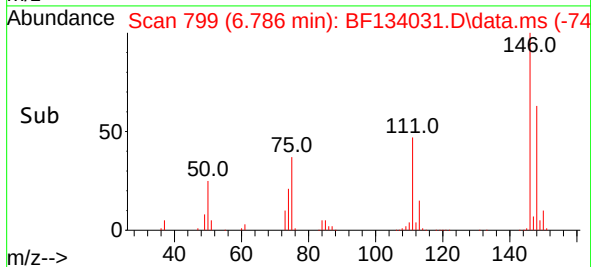
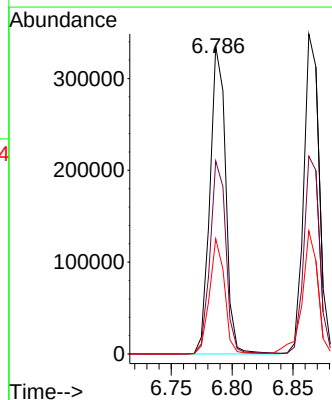
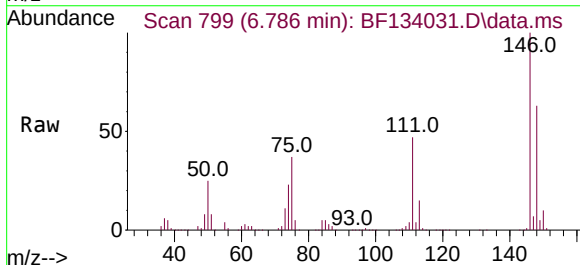
Manual Integrations
APPROVED

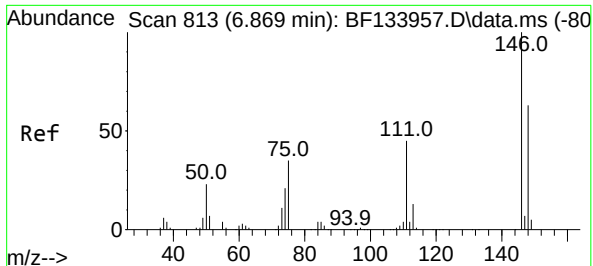
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
1,3-Dichlorobenzene
Concen: 44.773 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:146 Resp: 300907
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 37.4 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.889 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:146 Resp: 31150

Ion Ratio Lower Upper

146 100

148 61.8 50.2 75.2

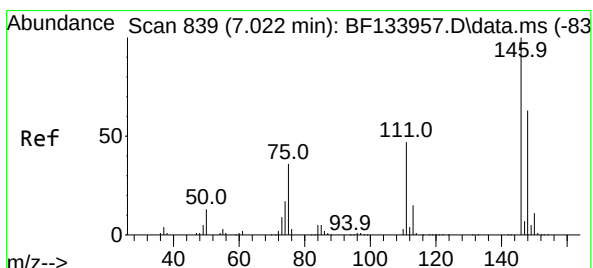
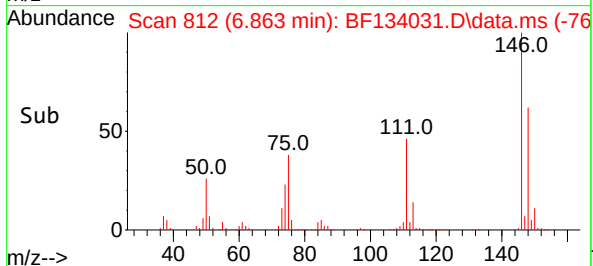
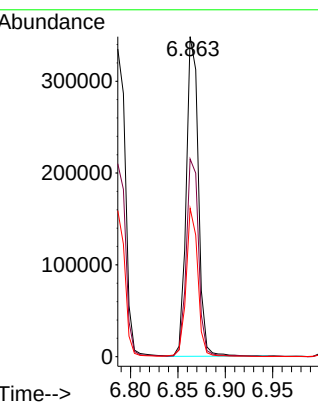
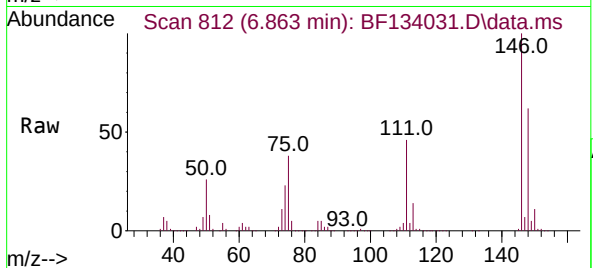
111 46.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#14

1,2-Dichlorobenzene

Concen: 45.400 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

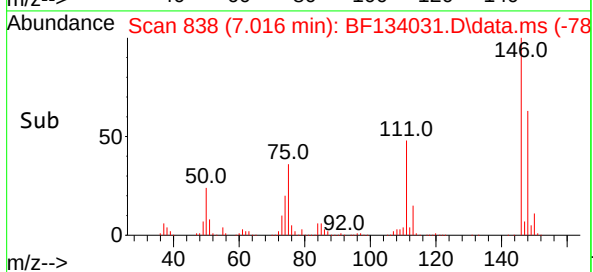
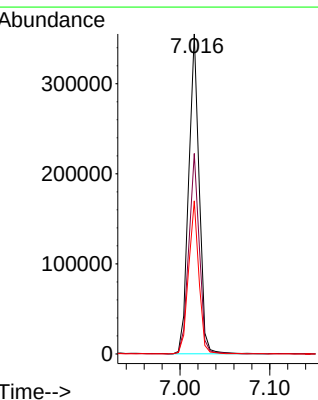
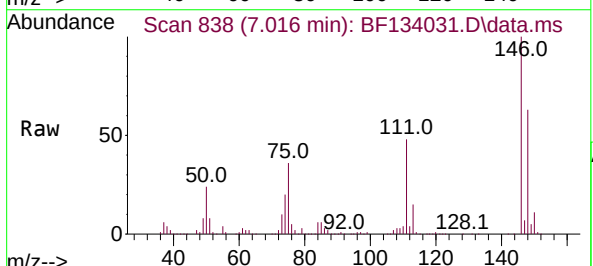
Tgt Ion:146 Resp: 288629

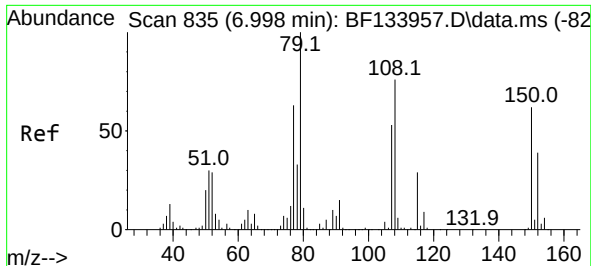
Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

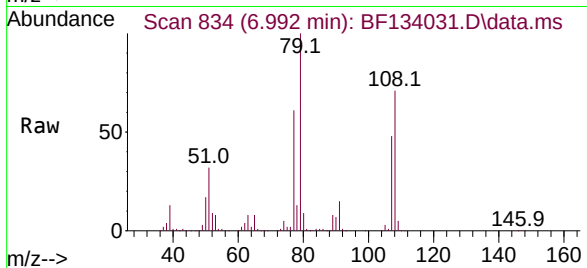
111 47.8 38.0 57.0





#15
Benzyl Alcohol
Concen: 44.208 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

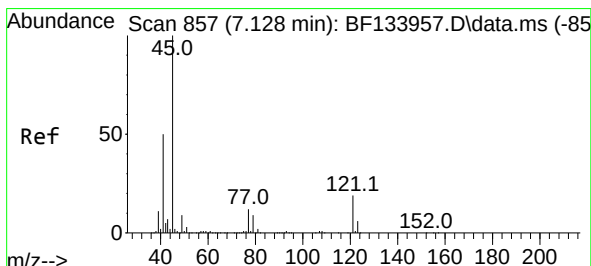
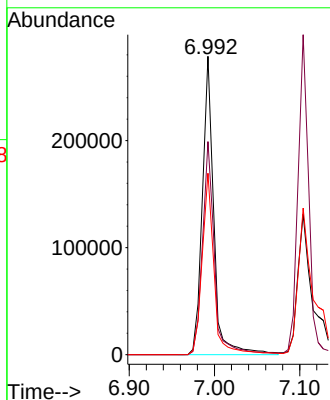
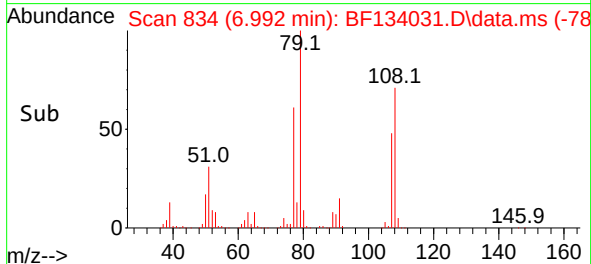
Instrument :
BNA_F
ClientSampleId :
PB153762BS



Tgt Ion: 79 Resp: 260270
Ion Ratio Lower Upper
79 100
108 71.4 60.7 91.1
77 60.8 50.6 75.8

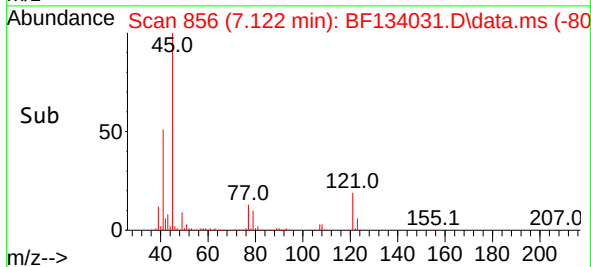
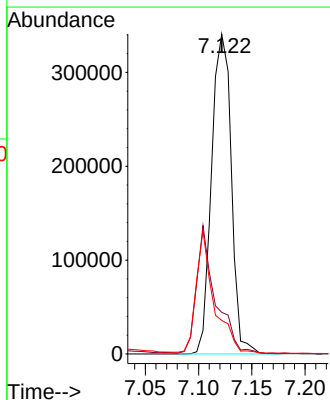
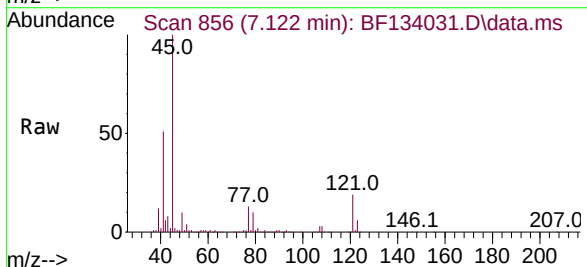
Manual Integrations
APPROVED

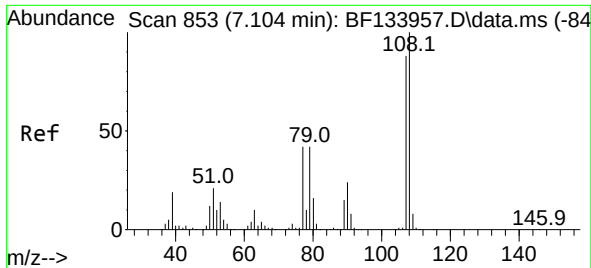
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.844 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion: 45 Resp: 437627
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.9
79 10.5 0.0 29.5





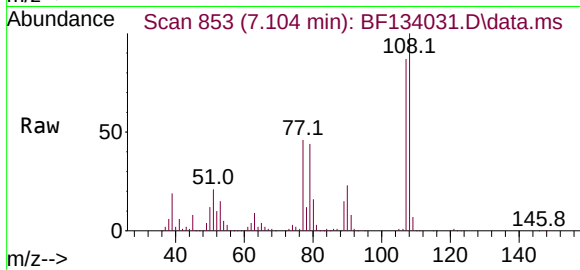
#17
2-Methylphenol
Concen: 41.224 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

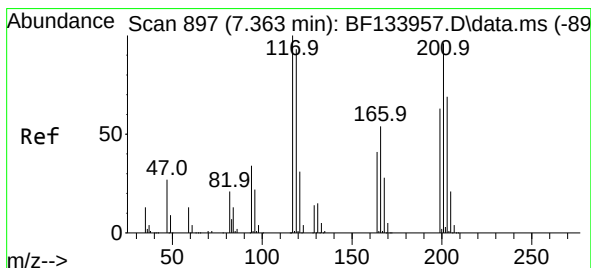
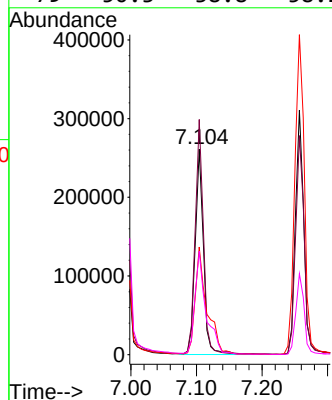
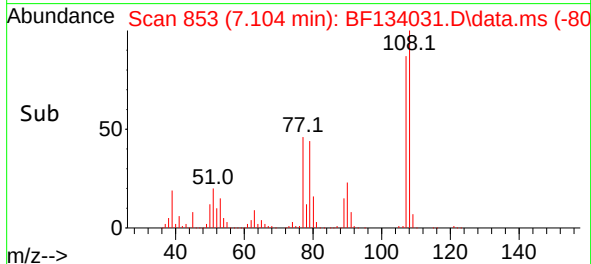


Tgt Ion:107 Resp: 232709
Ion Ratio Lower Upper
107 100
108 114.5 90.6 136.0
77 52.4 38.3 57.5
79 50.3 38.8 58.2

Manual Integrations

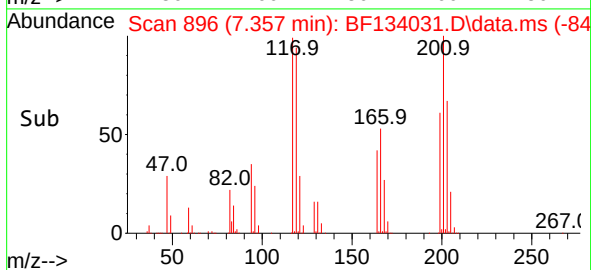
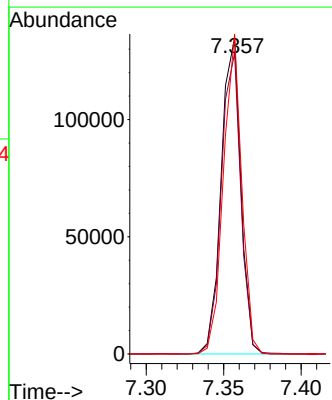
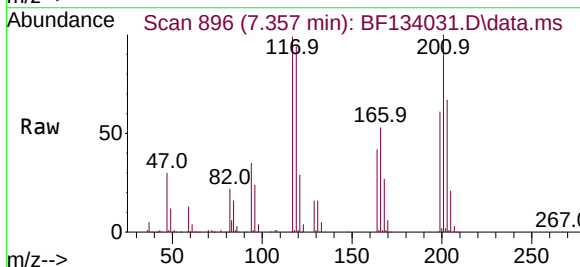
APPROVED

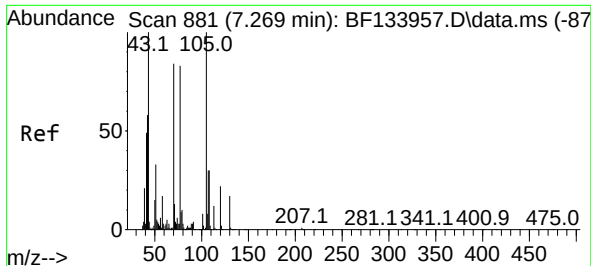
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#18
Hexachloroethane
Concen: 47.083 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:117 Resp: 118509
Ion Ratio Lower Upper
117 100
119 95.3 74.2 111.4
201 101.3 77.2 115.8





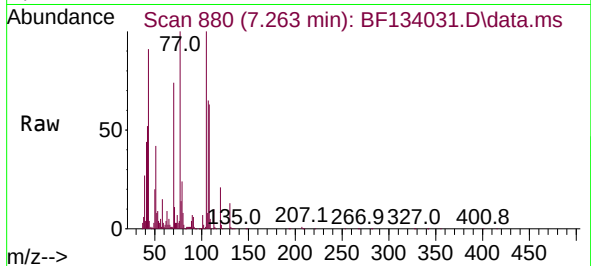
#19
n-Nitroso-di-n-propylamine
Concen: 41.467 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

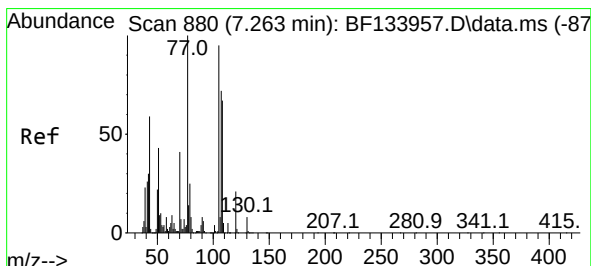
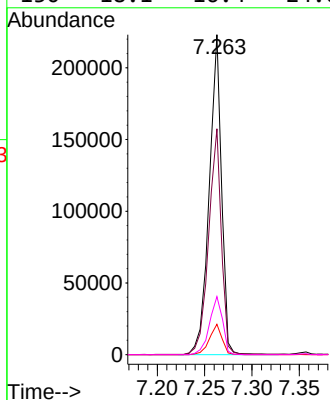
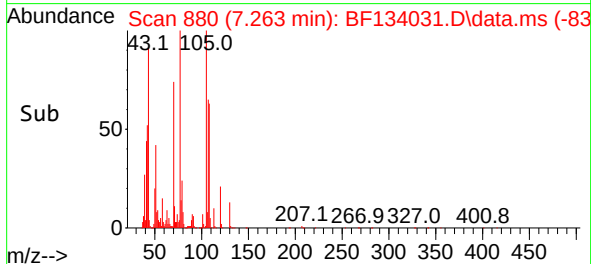


Tgt Ion: 70 Resp: 200834
Ion Ratio Lower Upper
70 100
42 70.6 54.7 82.1
101 9.5 7.7 11.5
130 18.1 16.4 24.6

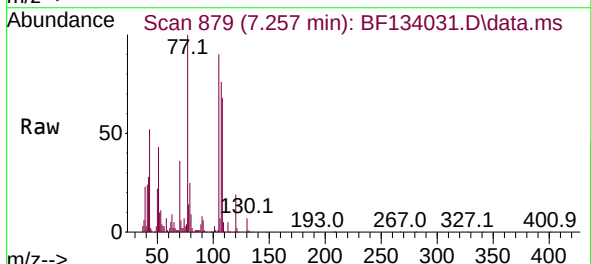
Manual Integrations

APPROVED

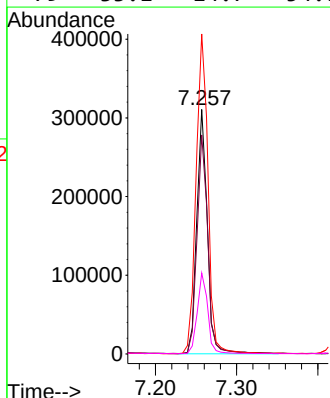
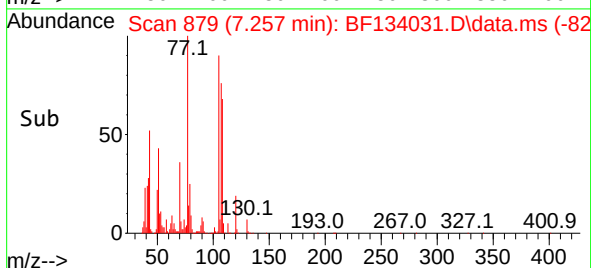
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

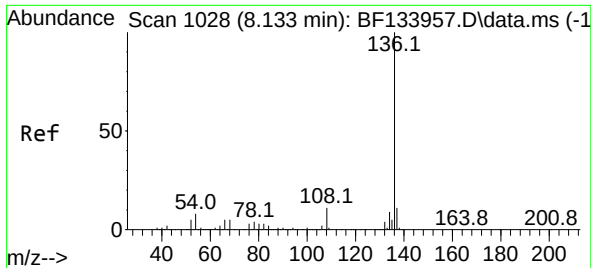


#20
3+4-Methylphenols
Concen: 41.141 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion:107 Resp: 281746
Ion Ratio Lower Upper
107 100
108 89.6 73.2 113.2
77 130.9 118.3 158.3
79 33.1 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

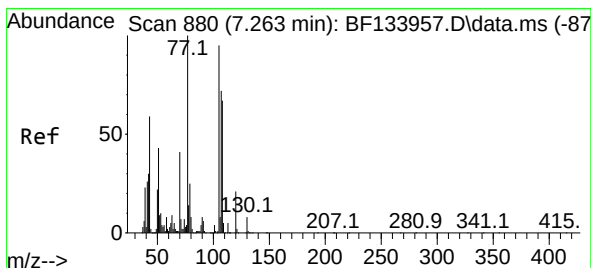
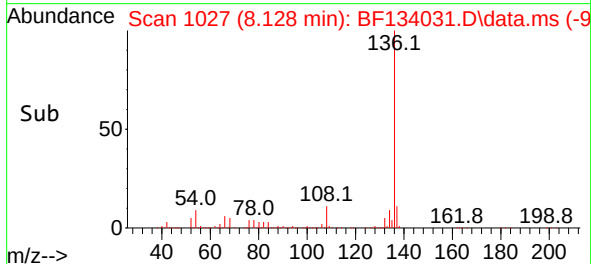
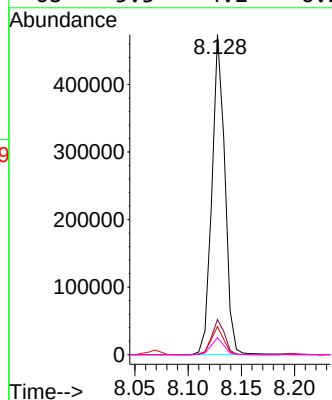
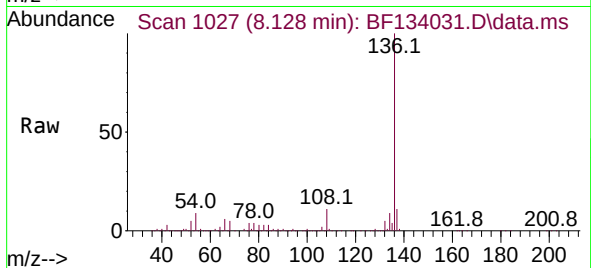
PB153762BS

Tgt Ion:136 Resp: 40076
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.8 6.5 9.7
68 5.3 4.2 6.2

Manual Integrations

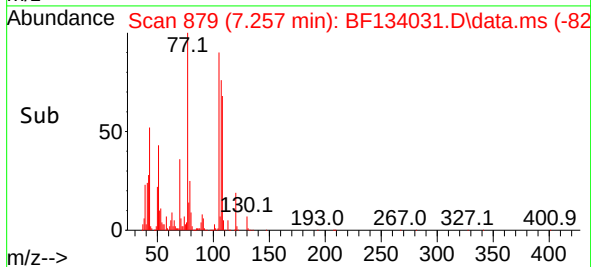
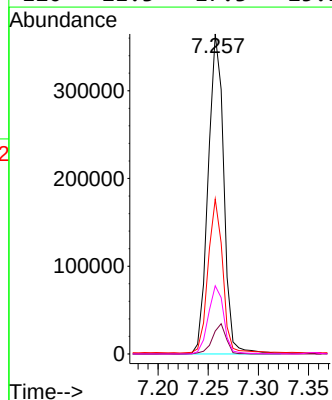
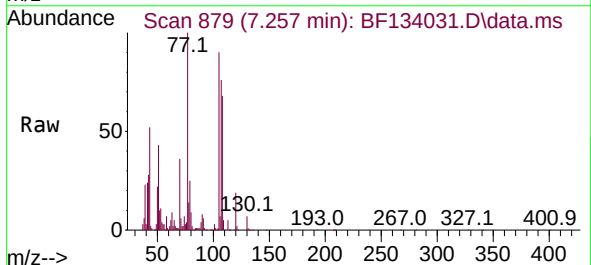
APPROVED

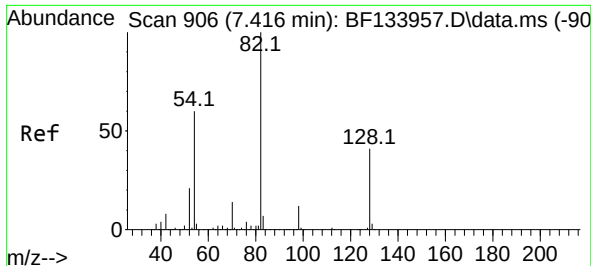
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Acetophenone
Concen: 43.541 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:105 Resp: 396852
Ion Ratio Lower Upper
105 100
71 7.2 5.5 8.3
51 48.4 36.5 54.7
120 21.3 17.3 25.9





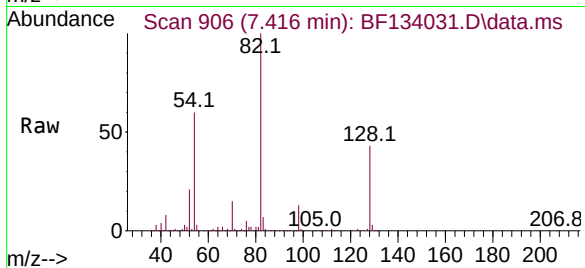
#23
Nitrobenzene-d5
Concen: 78.868 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

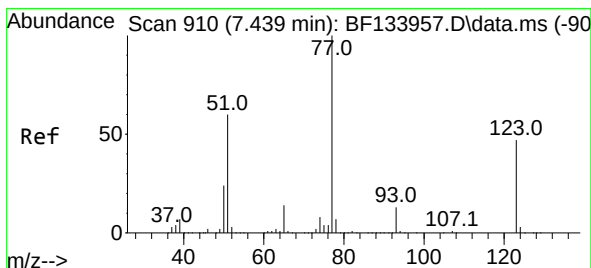
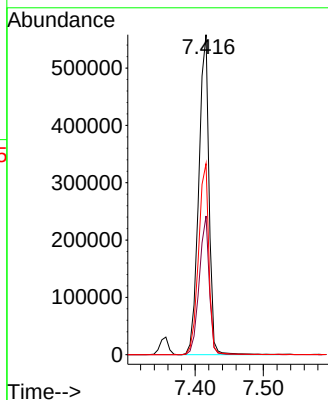
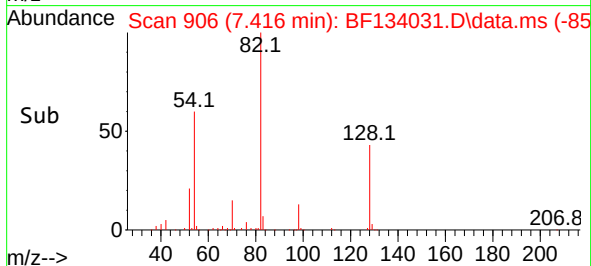
PB153762BS



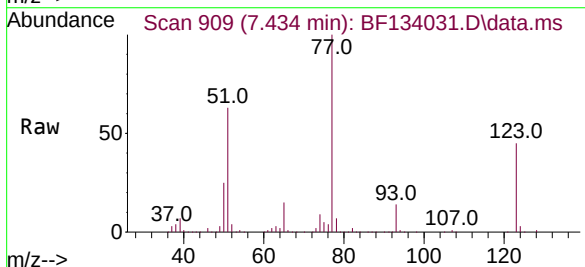
Tgt Ion: 82 Resp: 586348
Ion Ratio Lower Upper
82 100
128 43.3 32.5 48.7
54 59.7 48.2 72.2

Manual Integrations
APPROVED

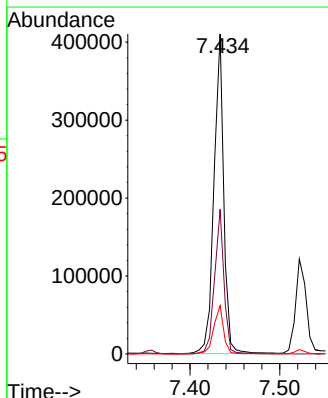
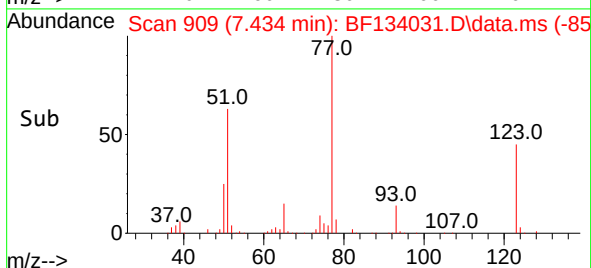
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

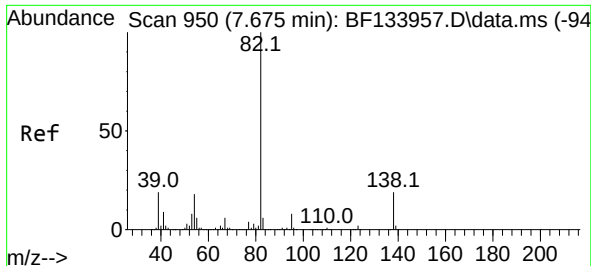


#24
Nitrobenzene
Concen: 41.507 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



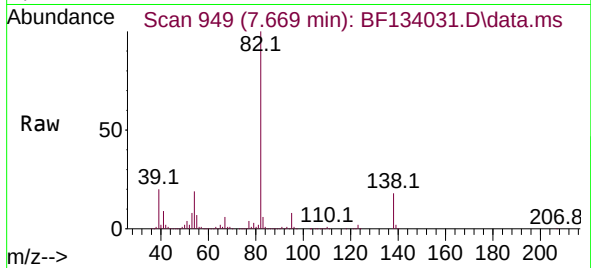
Tgt Ion: 77 Resp: 311835
Ion Ratio Lower Upper
77 100
123 45.2 37.8 56.6
65 15.1 11.3 16.9





#25
Isophorone
Concen: 40.917 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

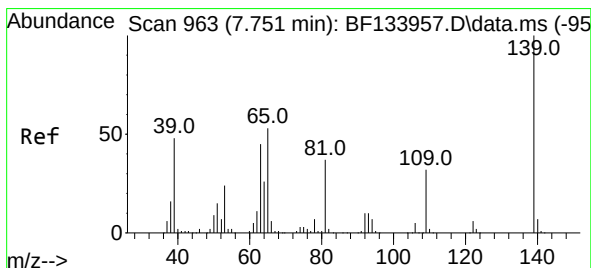
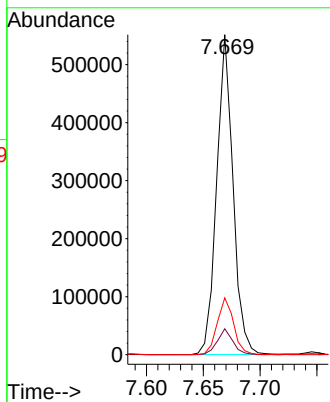
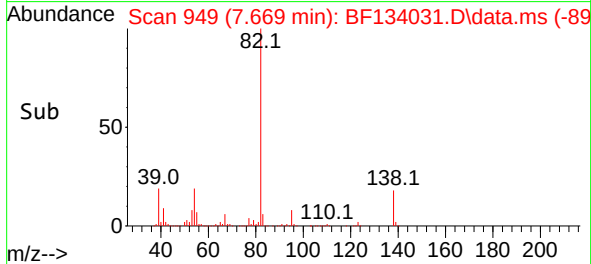
Instrument :
BNA_F
ClientSampleId :
PB153762BS



Tgt Ion: 82 Resp: 55286
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 17.8 15.2 22.8

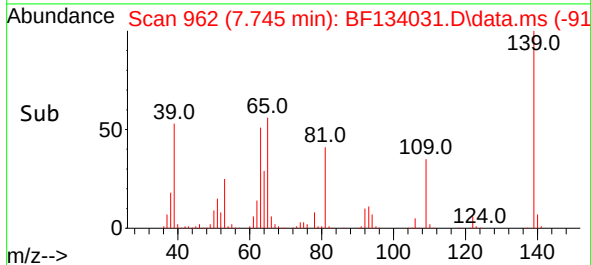
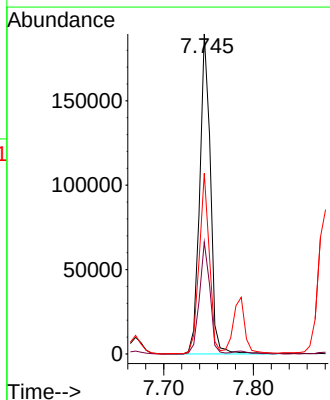
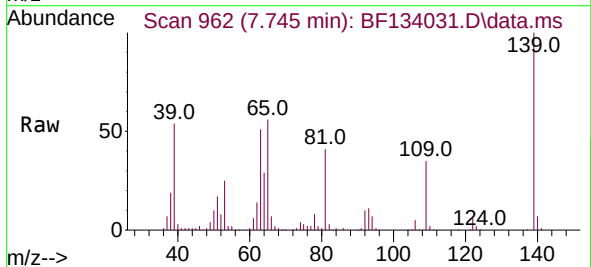
Manual Integrations
APPROVED

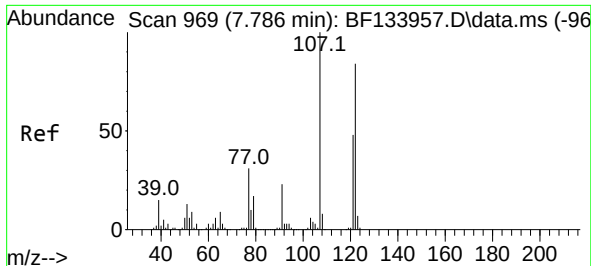
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
2-Nitrophenol
Concen: 43.823 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:139 Resp: 157941
Ion Ratio Lower Upper
139 100
109 35.0 25.8 38.8
65 56.4 42.4 63.6





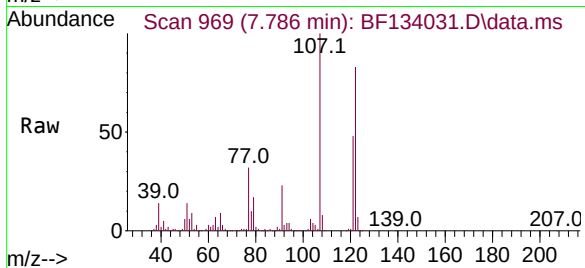
#27
2,4-Dimethylphenol
Concen: 43.674 ng
RT: 7.786 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

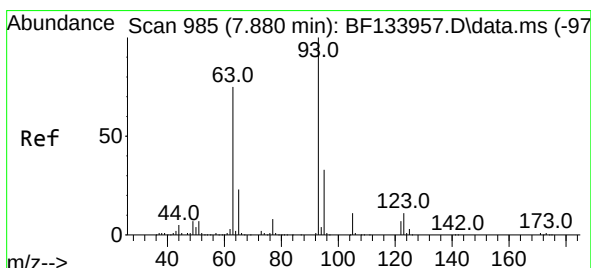
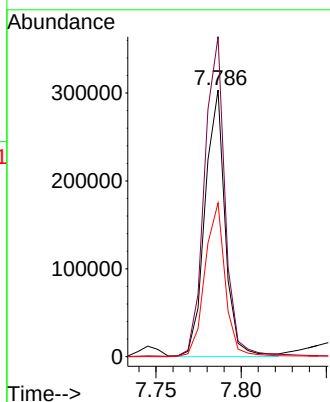
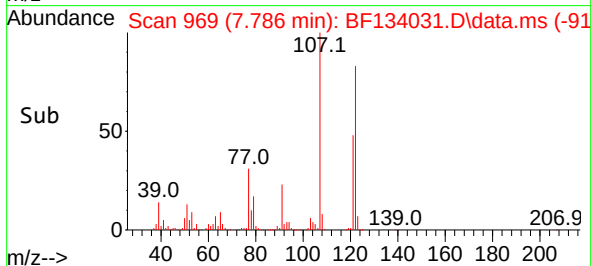


Tgt Ion:122 Resp: 249154
Ion Ratio Lower Upper
122 100
107 120.0 95.5 143.3
121 57.7 45.5 68.3

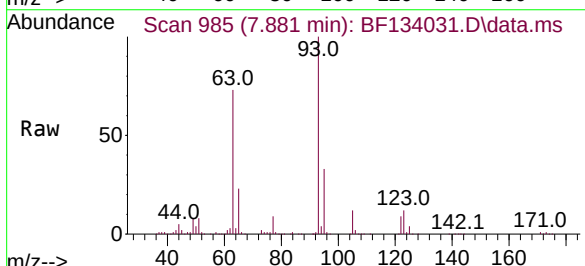
Manual Integrations

APPROVED

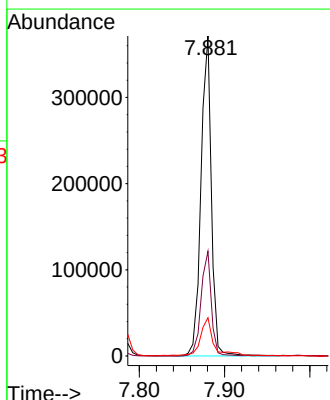
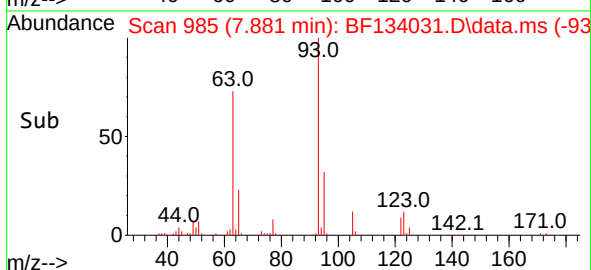
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

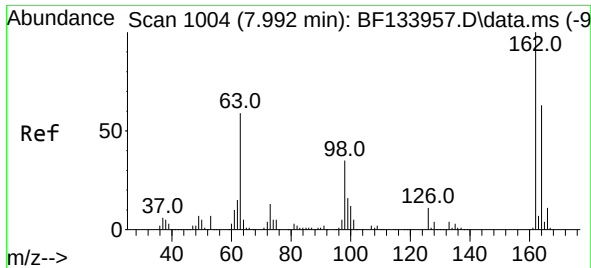


#28
bis(2-Chloroethoxy)methane
Concen: 40.208 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion: 93 Resp: 314576
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.872 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

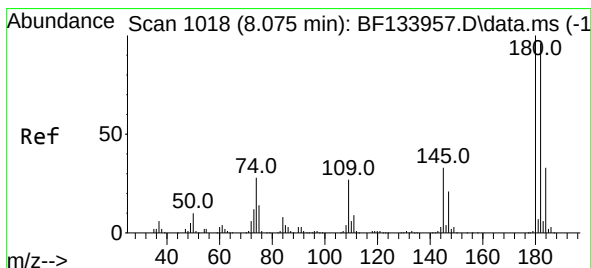
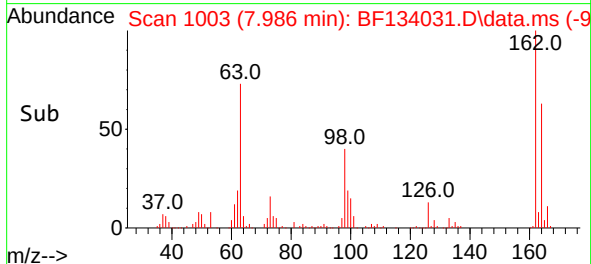
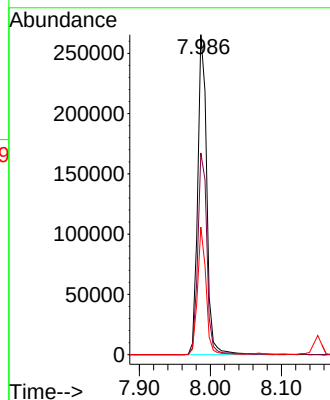
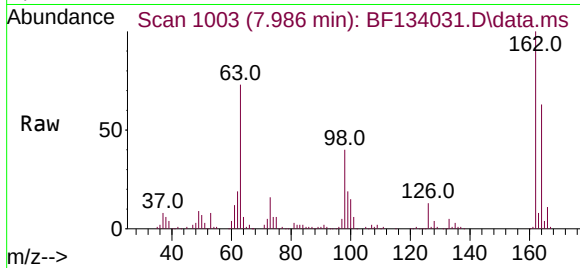
Tgt Ion:162 Resp: 236870
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.2 83.2
 98 39.8 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.445 ng

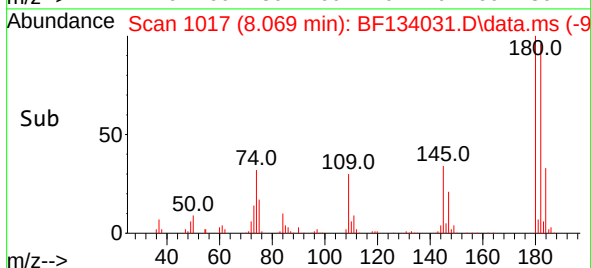
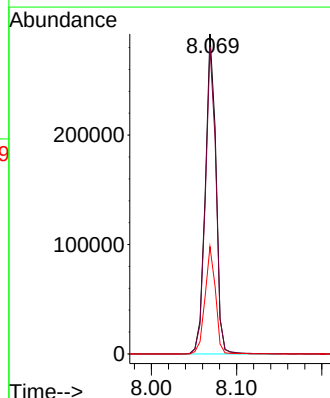
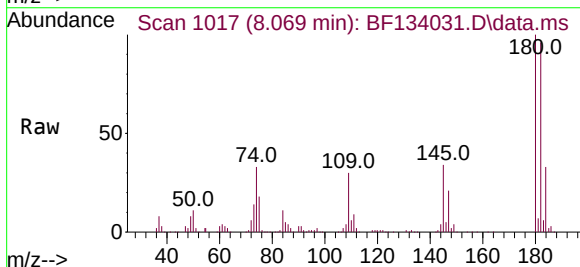
RT: 8.069 min Scan# 1017

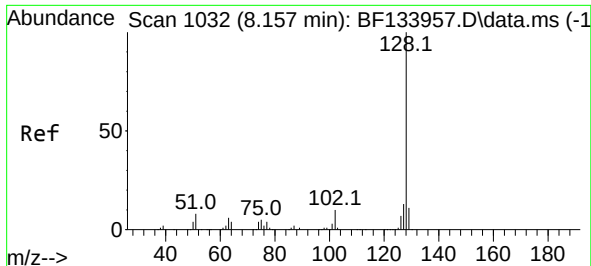
Delta R.T. -0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Tgt Ion:180 Resp: 253598
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.1 115.7
 145 33.6 26.0 39.0





#31
Naphthalene
Concen: 41.305 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

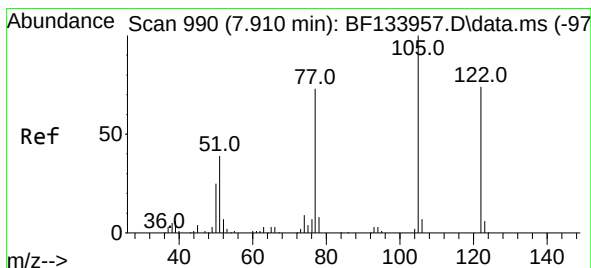
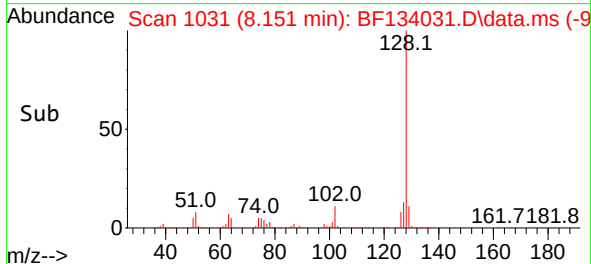
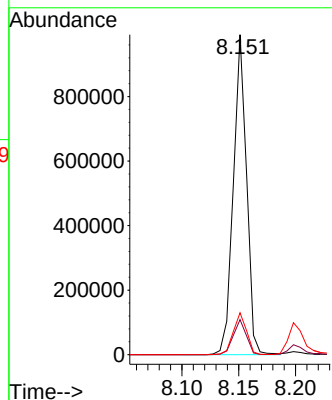
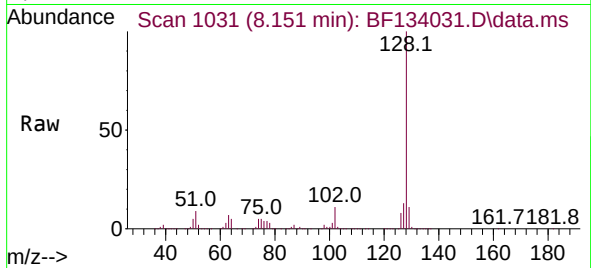
PB153762BS

Tgt Ion:128 Resp: 799590
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.6 15.8

Manual Integrations

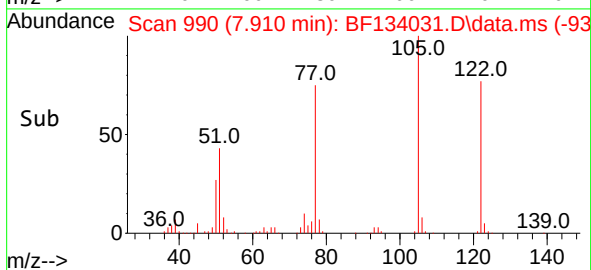
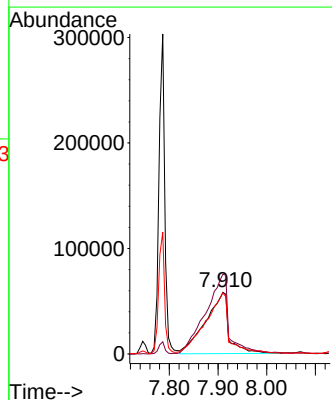
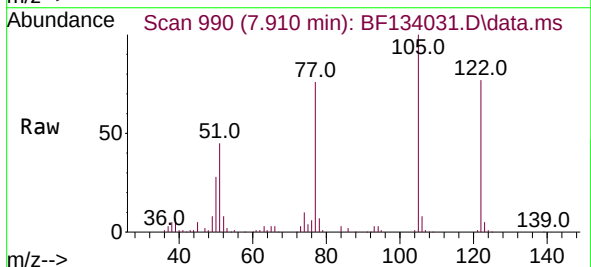
APPROVED

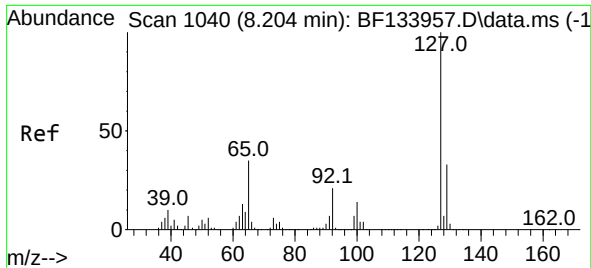
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#32
Benzoic acid
Concen: 45.540 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:122 Resp: 194675
Ion Ratio Lower Upper
122 100
105 129.7 109.7 149.7
77 99.1 76.0 116.0





#33
4-Chloroaniline
Concen: 11.785 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

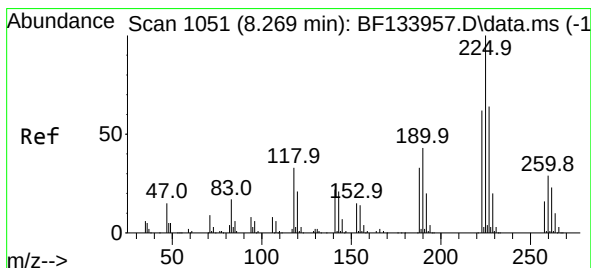
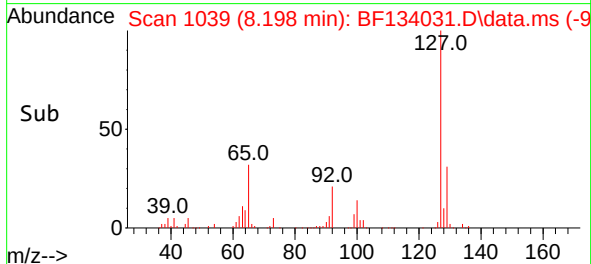
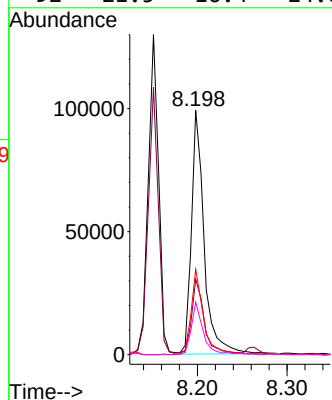
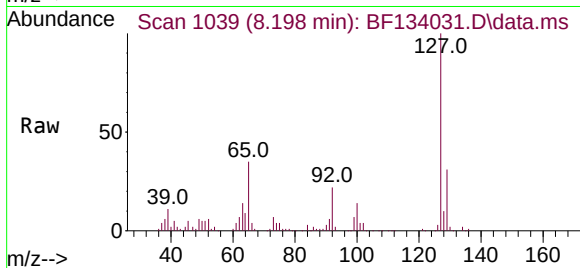
PB153762BS

Tgt Ion:	127	Resp:	97590
Ion Ratio	Lower	Upper	
127	100		
129	30.8	26.4	39.6
65	34.8	27.8	41.8
92	21.5	16.4	24.6

Manual Integrations

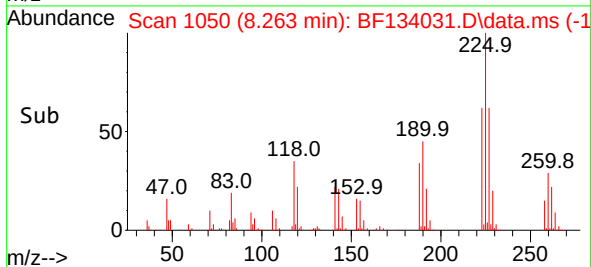
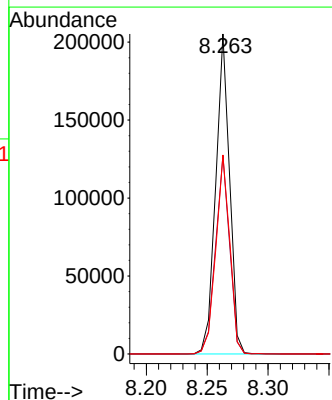
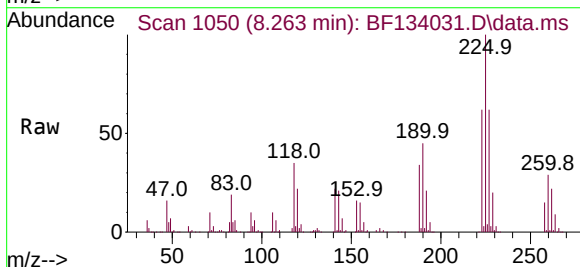
APPROVED

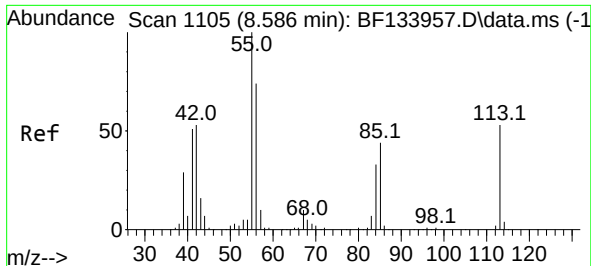
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#34
Hexachlorobutadiene
Concen: 43.980 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

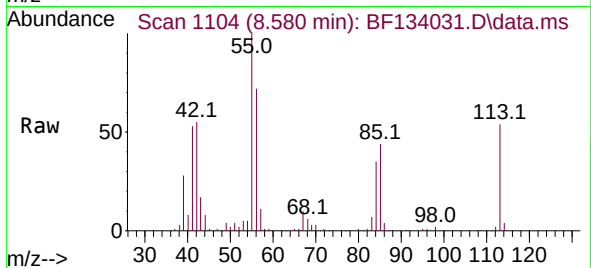
Tgt Ion:	225	Resp:	161941
Ion Ratio	Lower	Upper	
225	100		
223	62.0	49.8	74.8
227	62.2	51.0	76.4





#35
Caprolactam
Concen: 43.770 ng m
RT: 8.580 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

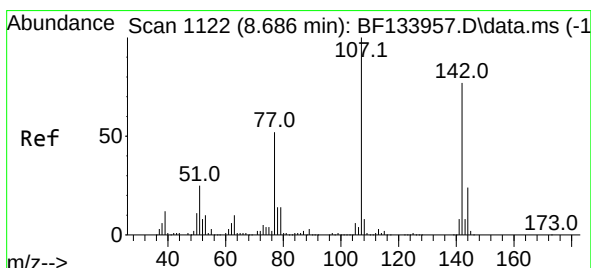
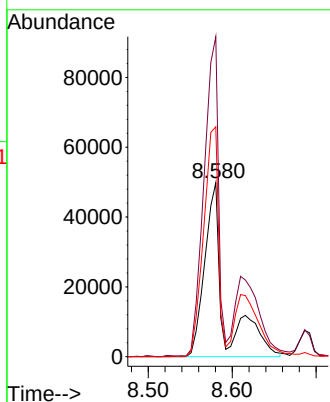
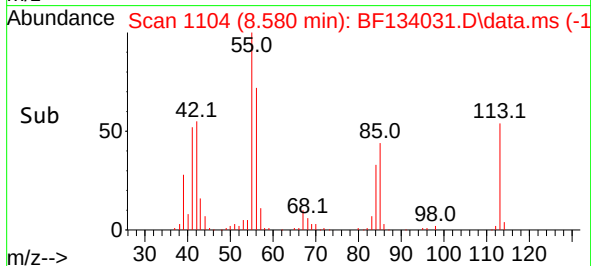
Instrument :
BNA_F
ClientSampleId :
PB153762BS



Tgt Ion:113 Resp: 81529
Ion Ratio Lower Upper
113 100
55 184.0 170.2 210.2
56 132.2 121.4 161.4

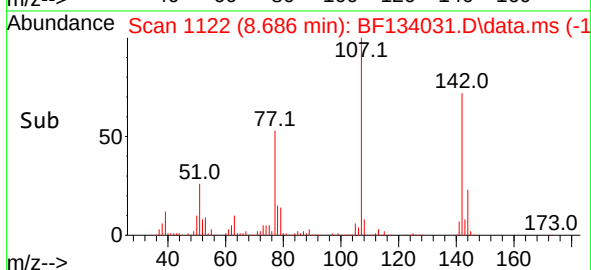
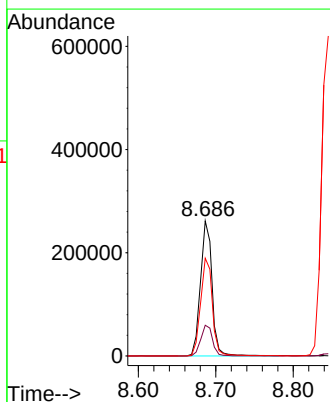
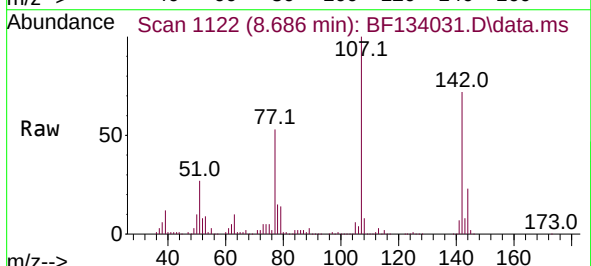
Manual Integrations
APPROVED

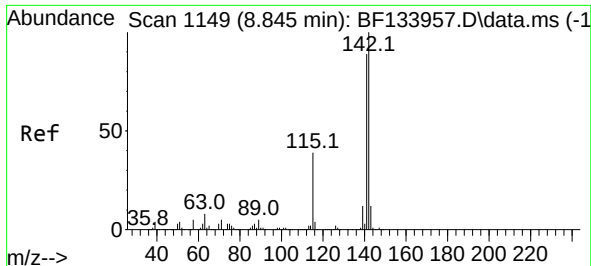
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#36
4-Chloro-3-methylphenol
Concen: 42.736 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:107 Resp: 271595
Ion Ratio Lower Upper
107 100
144 22.8 19.6 29.4
142 72.4 61.4 92.2





#37
2-Methylnaphthalene
Concen: 39.216 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

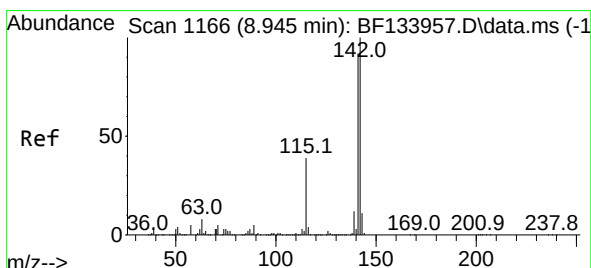
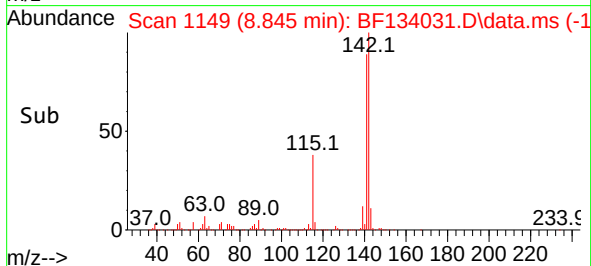
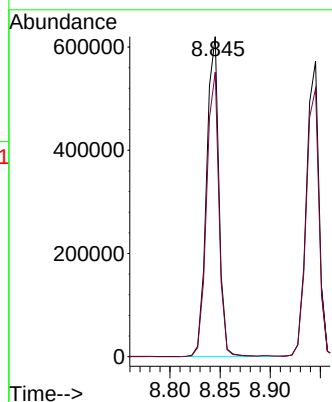
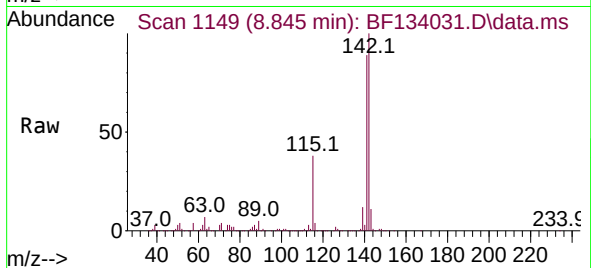
PB153762BS

Tgt Ion:142 Resp: 536830
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4

Manual Integrations

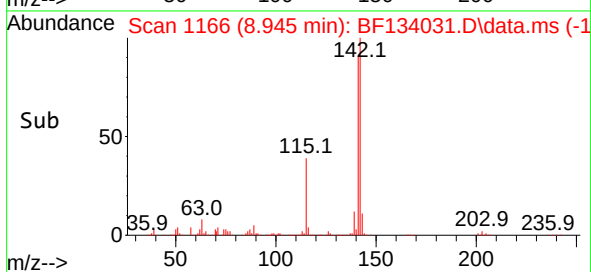
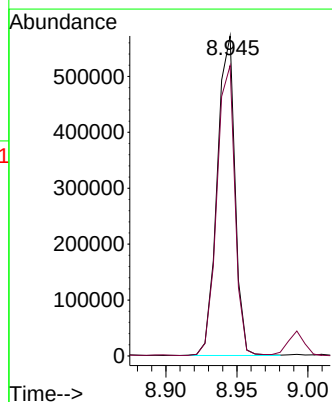
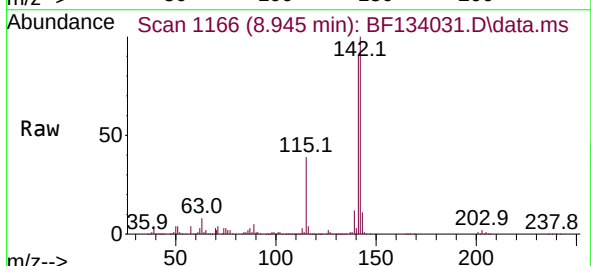
APPROVED

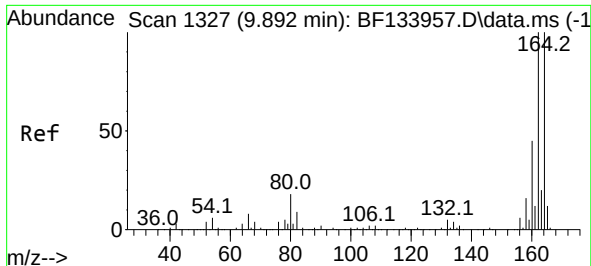
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#38
1-Methylnaphthalene
Concen: 39.083 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:142 Resp: 497380
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134031.D

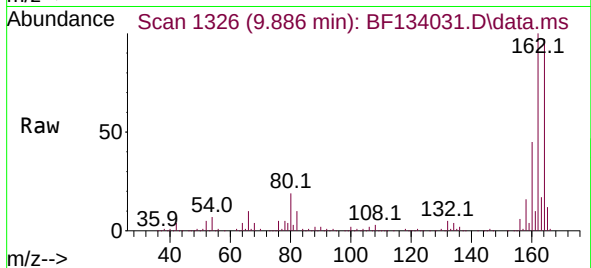
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS



Tgt Ion:164 Resp: 206079

Ion Ratio Lower Upper

164 100

162 102.6 80.0 120.0

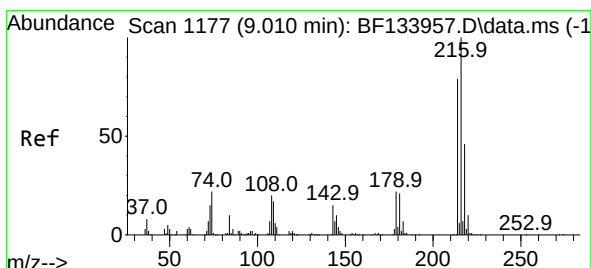
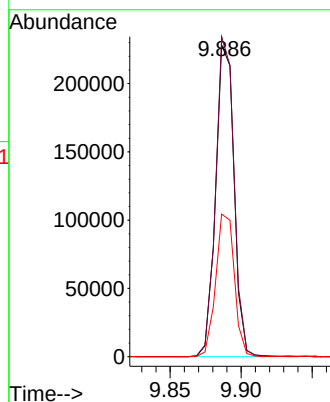
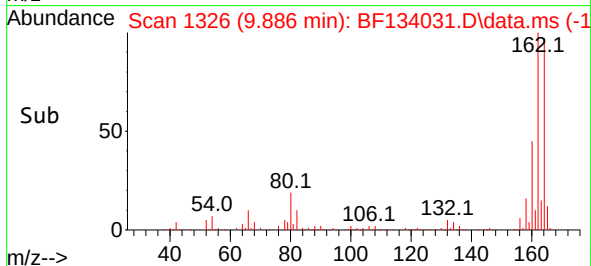
160 45.7 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.949 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Tgt Ion:216 Resp: 256114

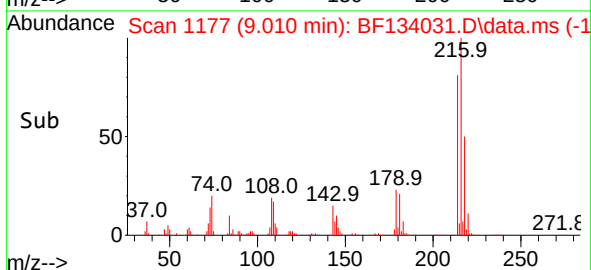
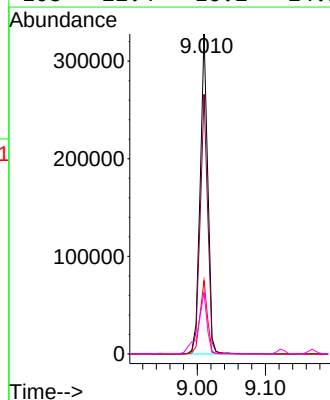
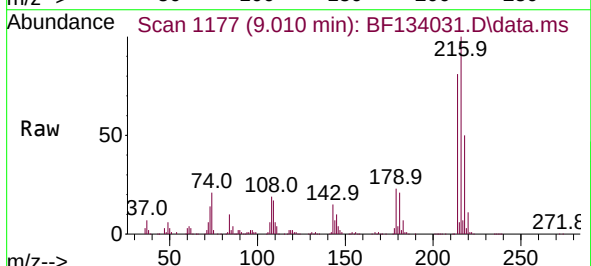
Ion Ratio Lower Upper

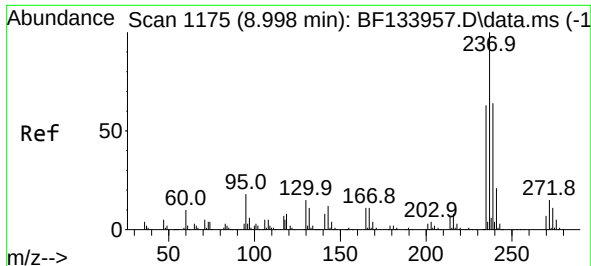
216 100

214 80.3 64.1 96.1

179 22.3 17.3 25.9

108 22.4 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 95.172 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

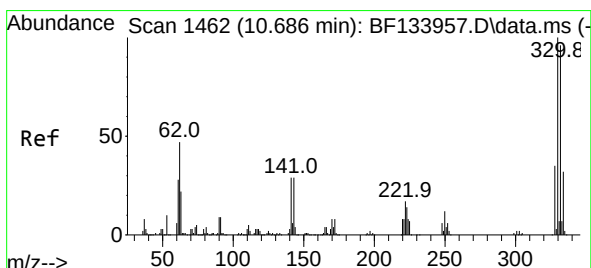
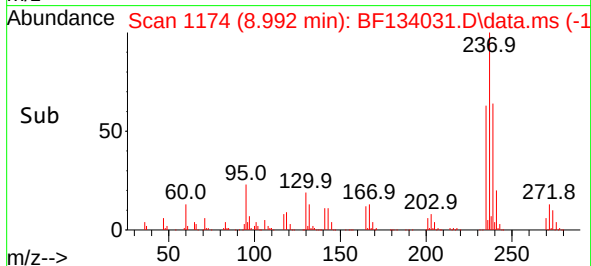
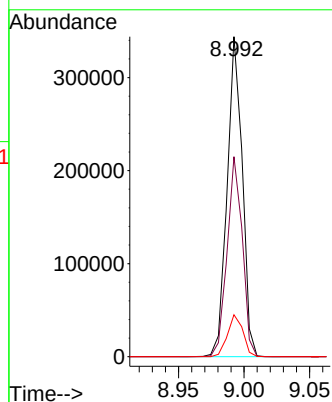
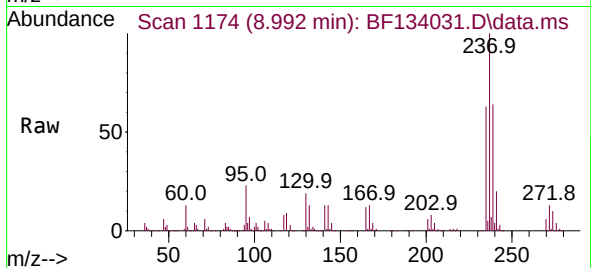
PB153762BS

Tgt Ion:237 Resp: 275668
Ion Ratio Lower Upper
237 100
235 62.5 42.8 82.8
272 13.1 0.0 34.6

Manual Integrations

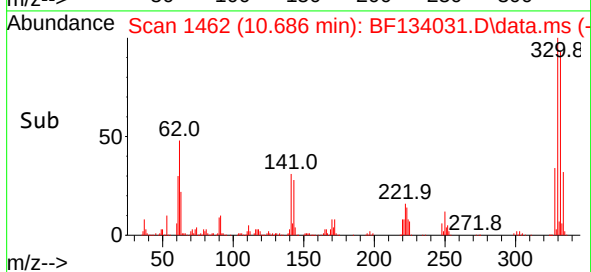
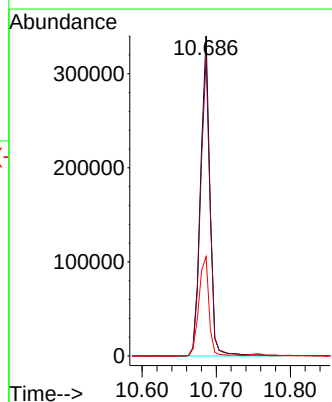
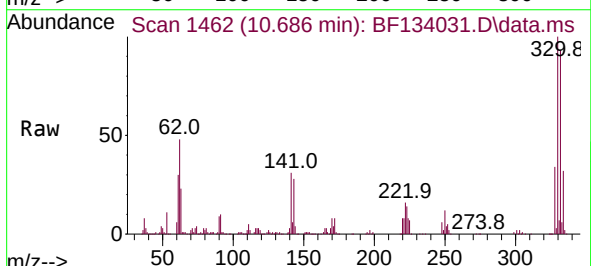
APPROVED

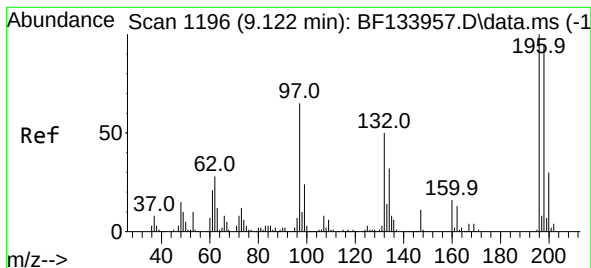
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#42
2,4,6-Tribromophenol
Concen: 115.548 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

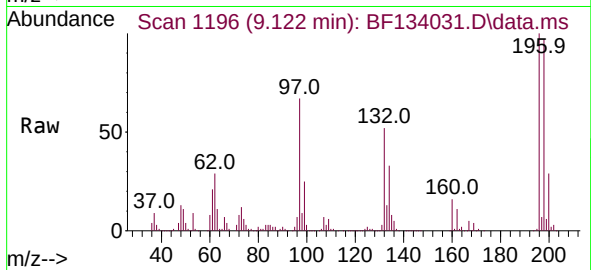
Tgt Ion:330 Resp: 298555
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 33.4 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 41.569 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

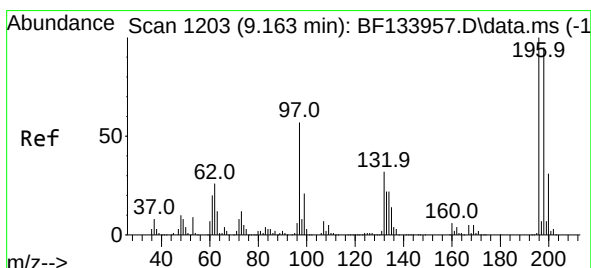
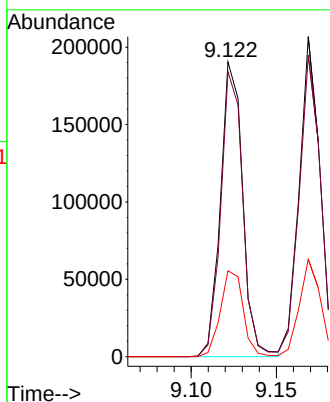
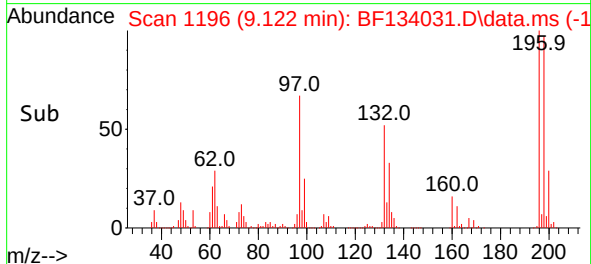
Instrument :
BNA_F
ClientSampleId :
PB153762BS



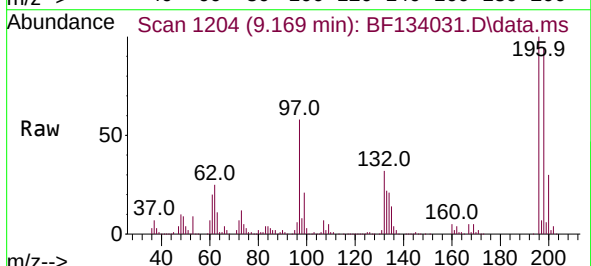
Tgt Ion:196 Resp: 172769
Ion Ratio Lower Upper
196 100
198 96.7 75.6 113.4
200 29.2 24.4 36.6

Manual Integrations
APPROVED

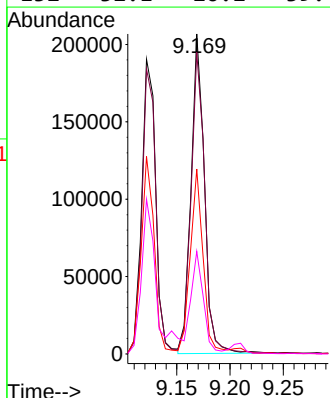
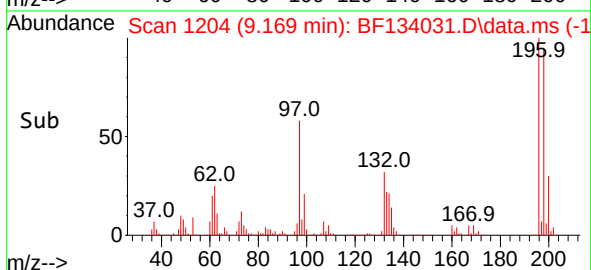
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

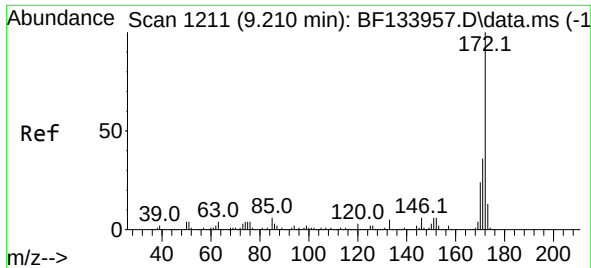


#44
2,4,5-Trichlorophenol
Concen: 36.918 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion:196 Resp: 180488
Ion Ratio Lower Upper
196 100
198 94.2 75.7 113.5
97 57.8 45.8 68.6
132 32.1 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 77.103 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

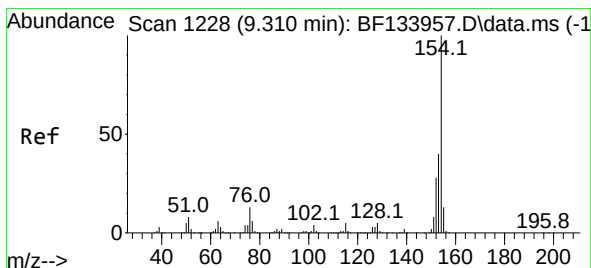
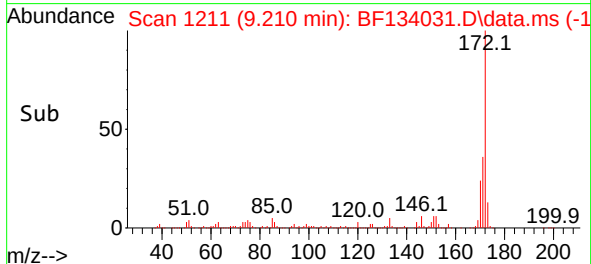
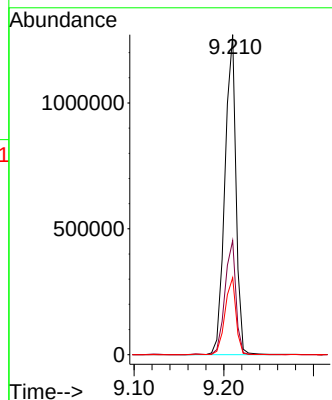
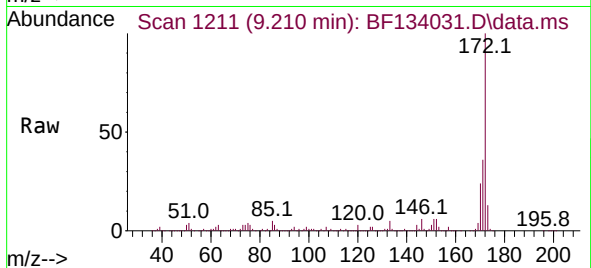
PB153762BS

Tgt Ion:172 Resp: 1092885
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 19.4 29.0

Manual Integrations

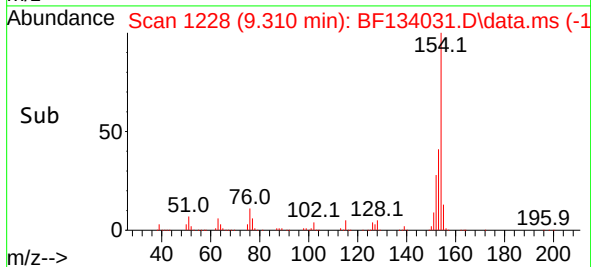
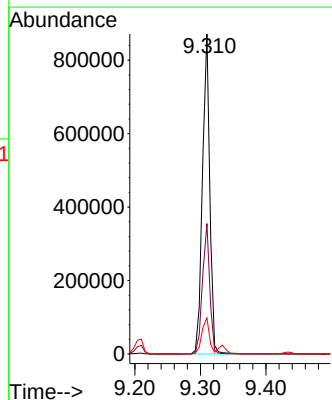
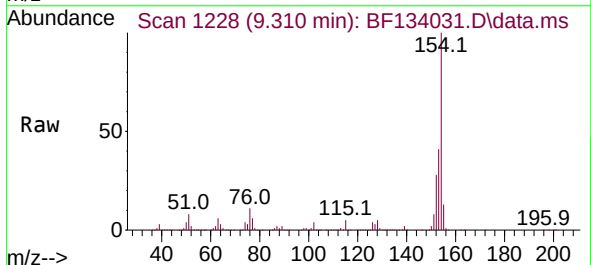
APPROVED

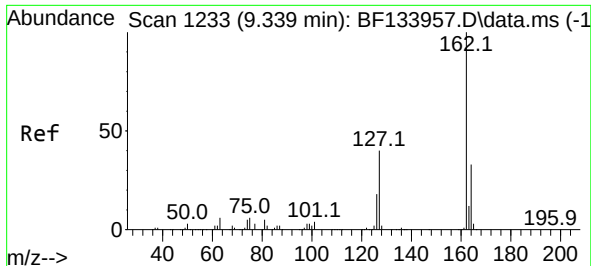
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#46
1,1'-Biphenyl
Concen: 41.104 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:154 Resp: 679488
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 11.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.153 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

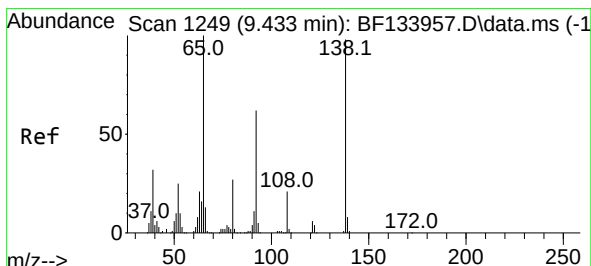
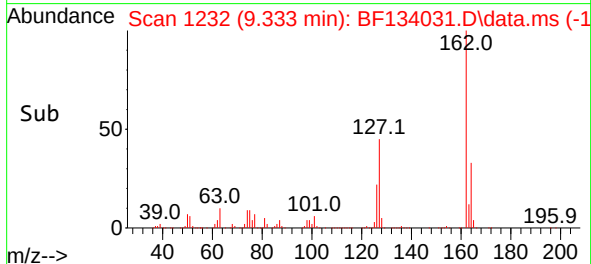
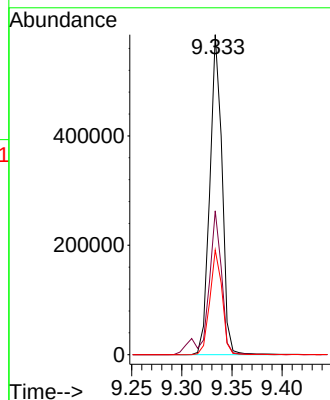
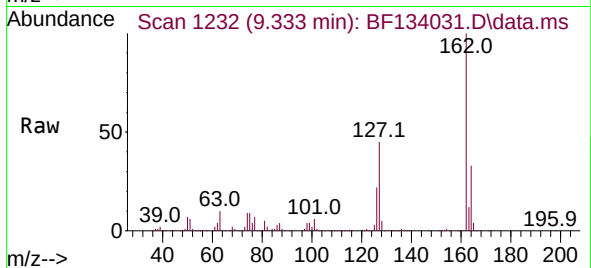
Tgt Ion:162 Resp: 497754
 Ion Ratio Lower Upper
 162 100
 127 44.9 32.9 49.3
 164 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#48

2-Nitroaniline

Concen: 41.029 ng

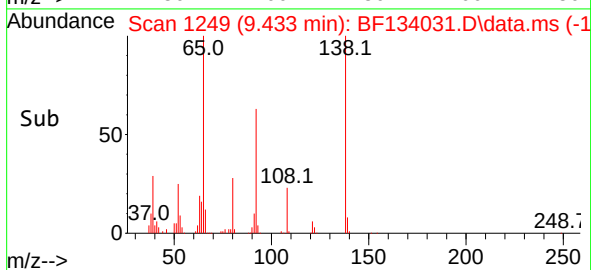
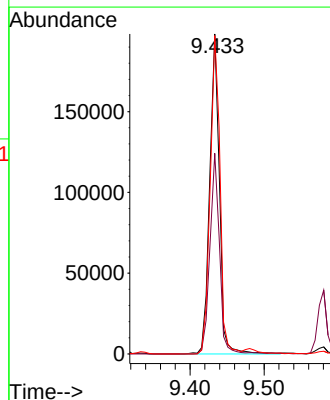
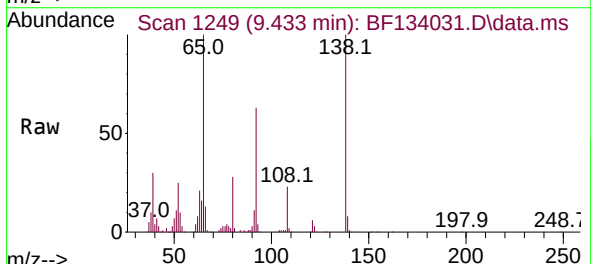
RT: 9.433 min Scan# 1249

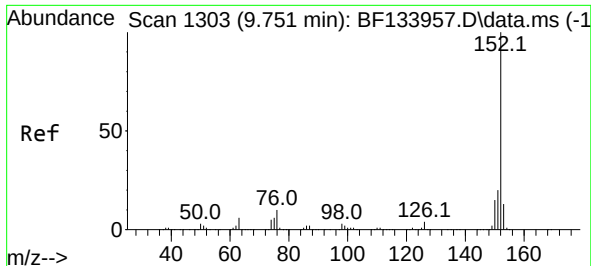
Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Tgt Ion: 65 Resp: 180856
 Ion Ratio Lower Upper
 65 100
 92 62.7 49.5 74.3
 138 99.5 78.0 117.0





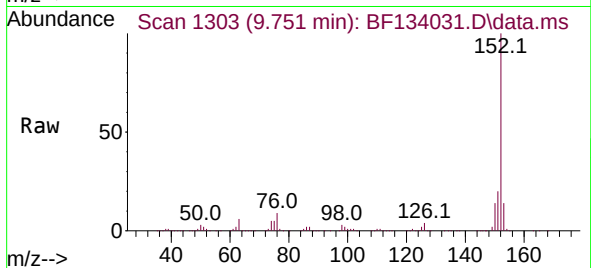
#49
Acenaphthylene
Concen: 40.398 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

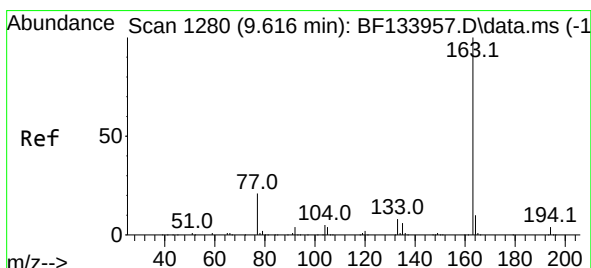
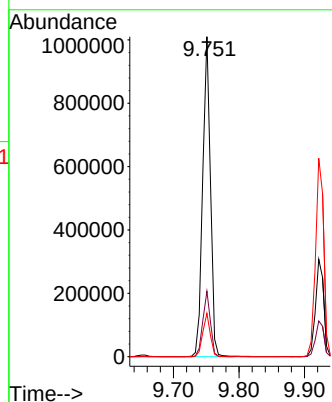
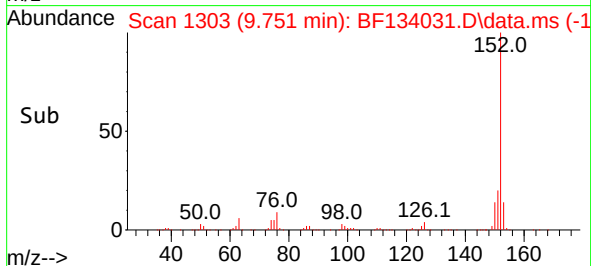


Tgt Ion:152 Resp: 834670
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.6 10.8 16.2

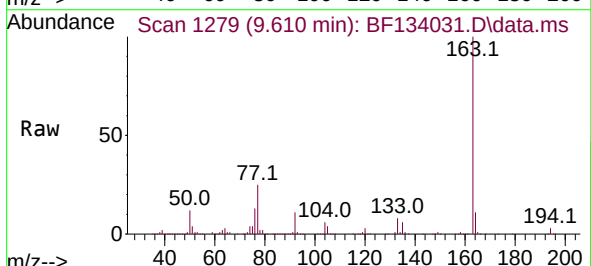
Manual Integrations

APPROVED

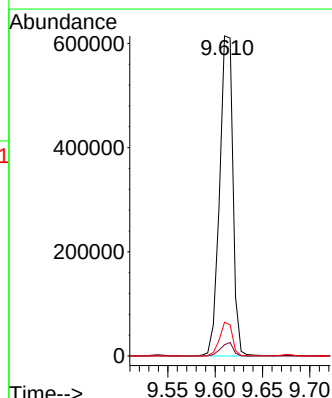
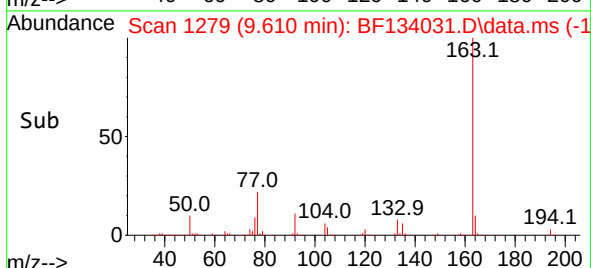
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

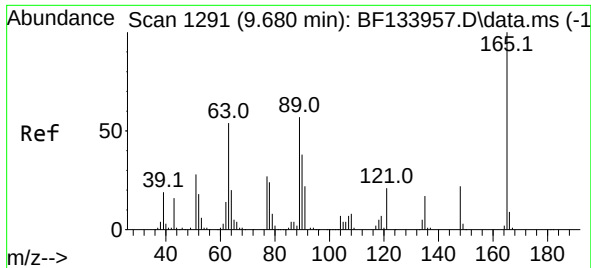


#50
Dimethylphthalate
Concen: 40.176 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion:163 Resp: 601012
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.5 8.2 12.2





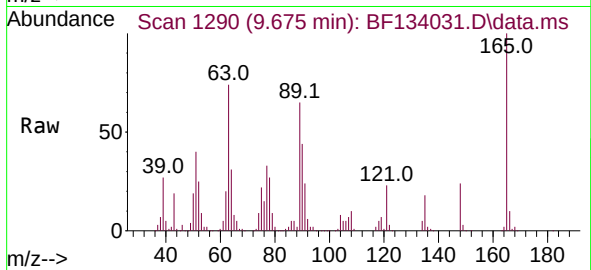
#51
2,6-Dinitrotoluene
Concen: 41.656 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS



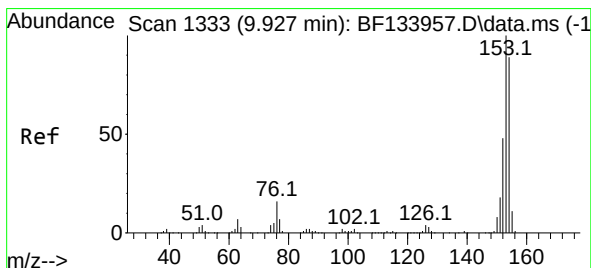
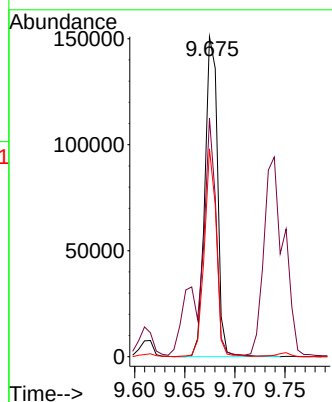
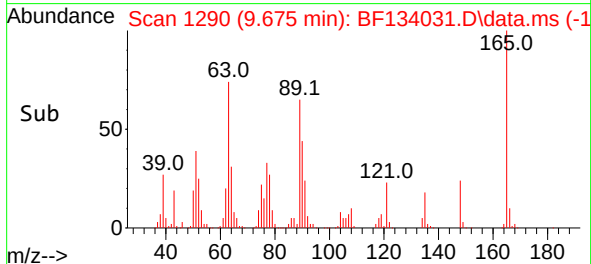
Tgt Ion:165 Resp: 134210
Ion Ratio Lower Upper
165 100
63 74.4 48.5 72.7
89 64.9 45.5 68.3

Manual Integrations

APPROVED

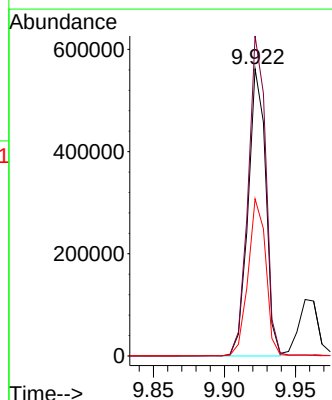
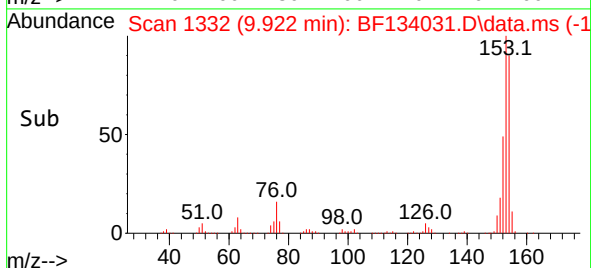
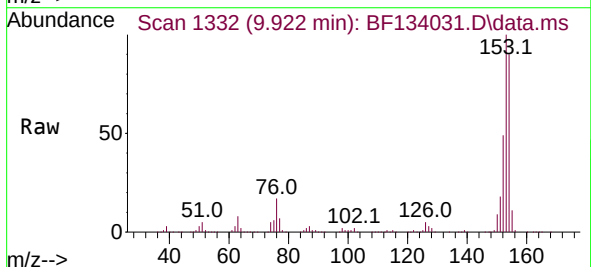
Reviewed By :Yogesh Patel 06/30/2023

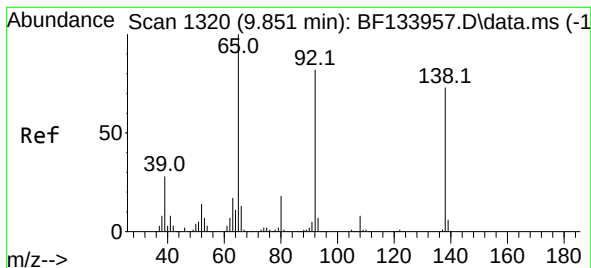
Supervised By :mohammad ahmed 06/30/2023



#52
Acenaphthene
Concen: 40.542 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:154 Resp: 486052
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.2
152 54.7 42.8 64.2





#53

3-Nitroaniline

Concen: 24.265 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

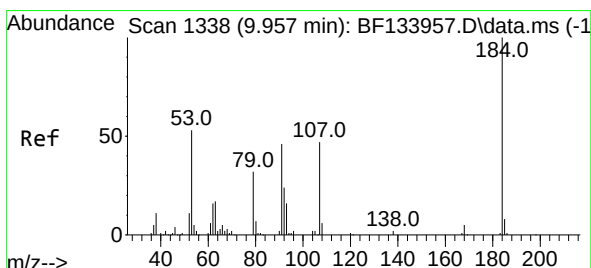
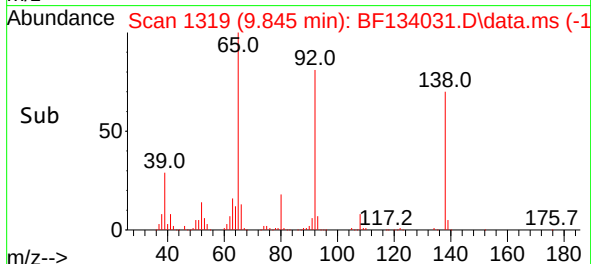
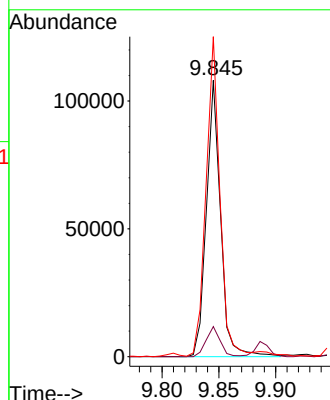
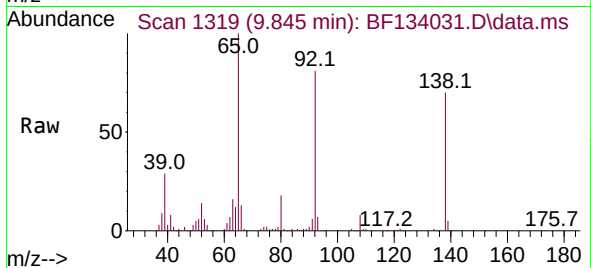
PB153762BS

Tgt Ion:138 Resp: 93792
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.4 12.6
 92 115.8 90.1 135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#54

2,4-Dinitrophenol

Concen: 82.324 ng

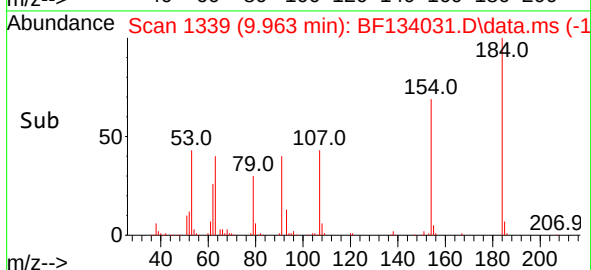
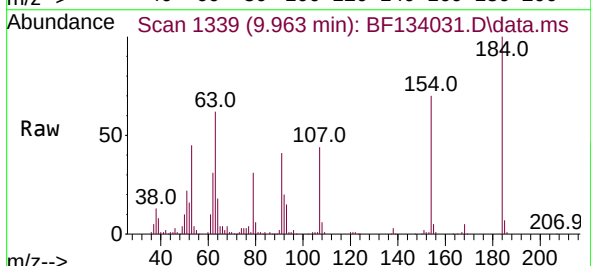
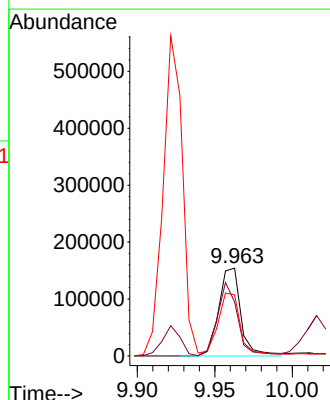
RT: 9.963 min Scan# 1339

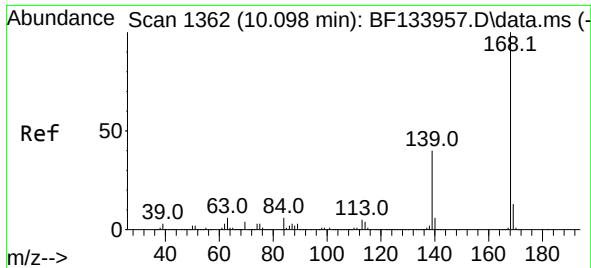
Delta R.T. 0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

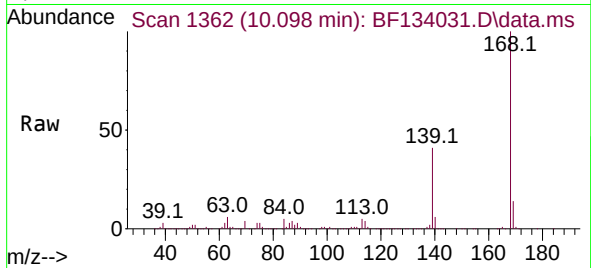
Tgt Ion:184 Resp: 153401
 Ion Ratio Lower Upper
 184 100
 63 61.6 56.9 85.3
 154 69.6 55.4 83.0





#55
Dibenzofuran
Concen: 39.858 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

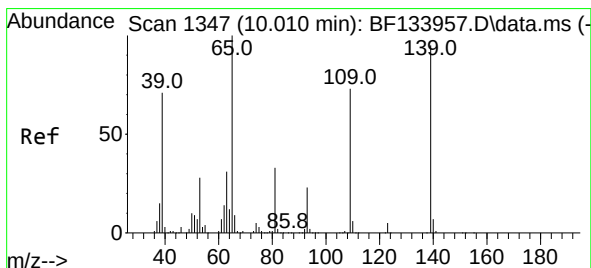
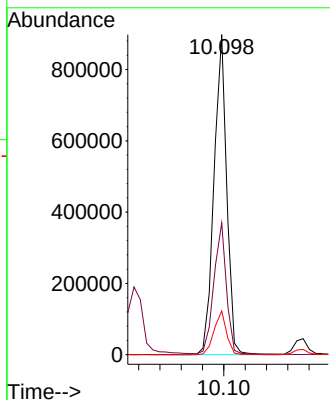
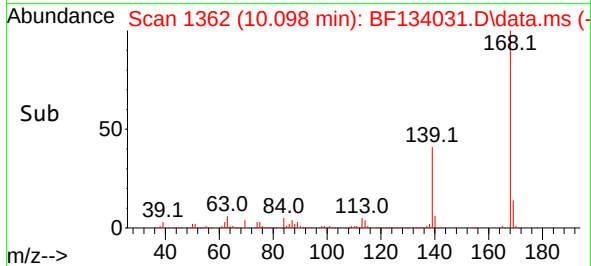
Instrument :
BNA_F
ClientSampleId :
PB153762BS



Tgt Ion:168 Resp: 746815
Ion Ratio Lower Upper
168 100
139 41.2 32.0 48.0
169 13.6 10.6 16.0

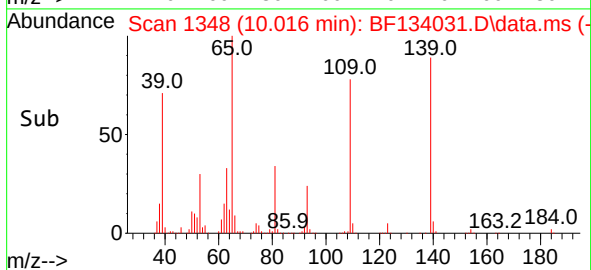
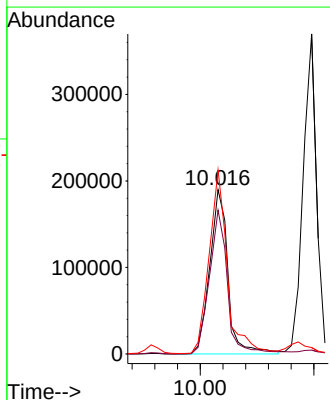
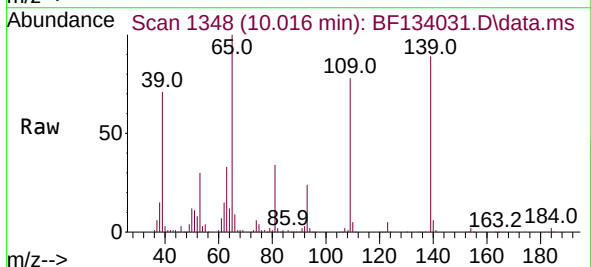
Manual Integrations
APPROVED

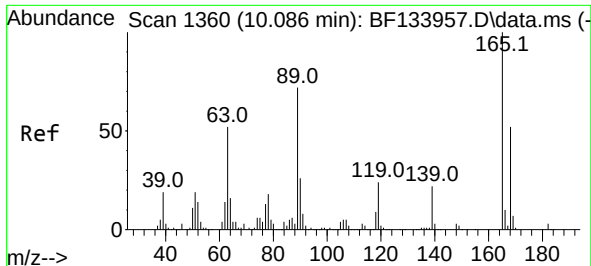
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#56
4-Nitrophenol
Concen: 78.396 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:139 Resp: 211964
Ion Ratio Lower Upper
139 100
109 87.6 56.8 96.8
65 112.0 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 41.950 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

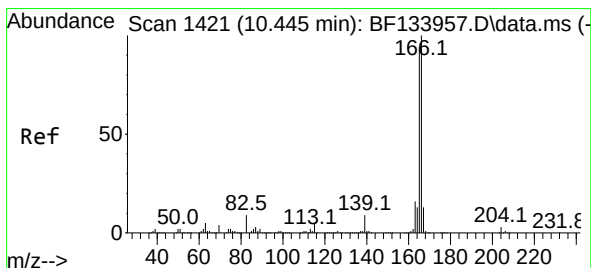
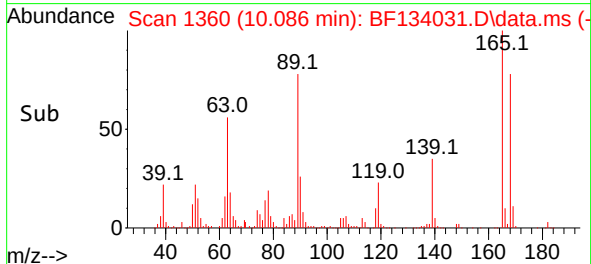
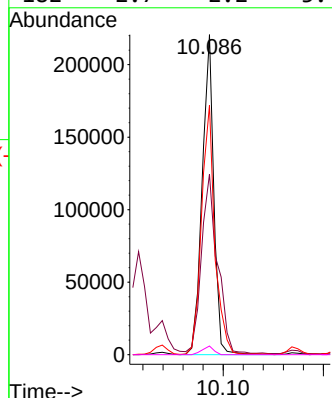
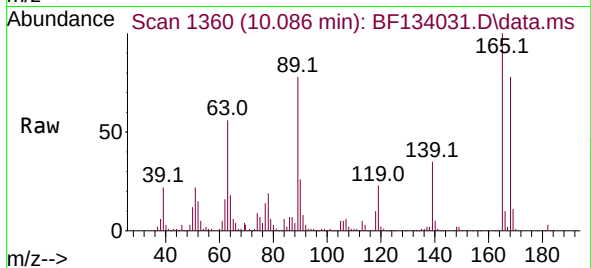
PB153762BS

Tgt Ion:165 Resp: 17850
Ion Ratio Lower Upper
165 100
63 56.4 42.2 63.2
89 78.0 57.4 86.2
182 2.7 2.2 3.4

Manual Integrations

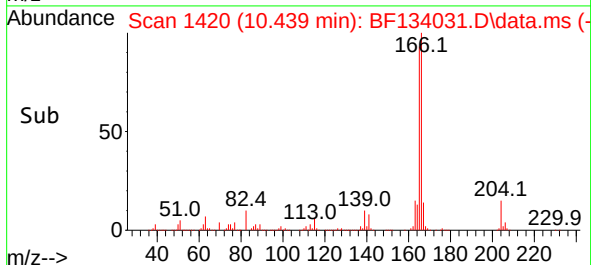
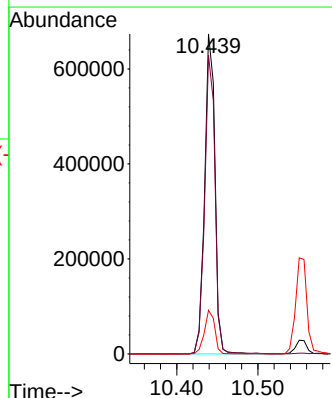
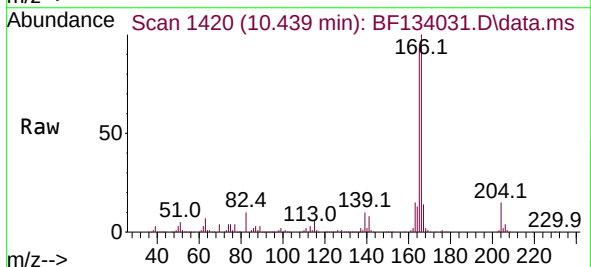
APPROVED

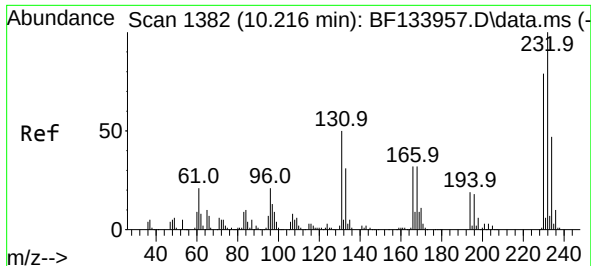
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#58
Fluorene
Concen: 40.694 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

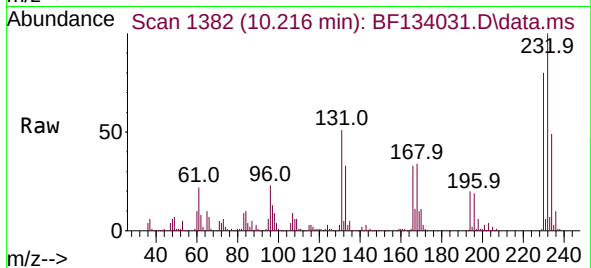
Tgt Ion:166 Resp: 593199
Ion Ratio Lower Upper
166 100
165 93.3 75.0 112.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.973 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

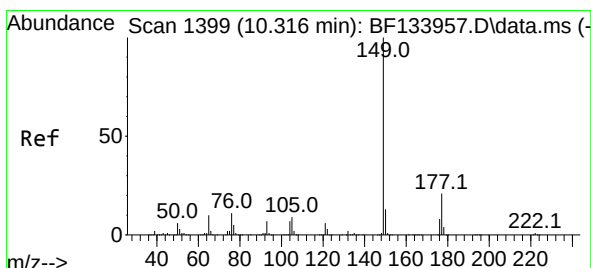
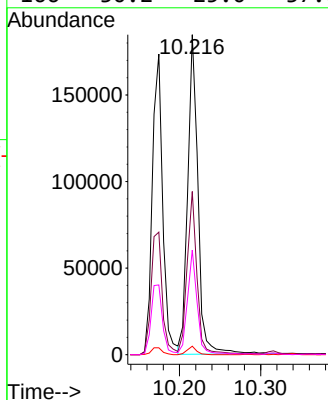
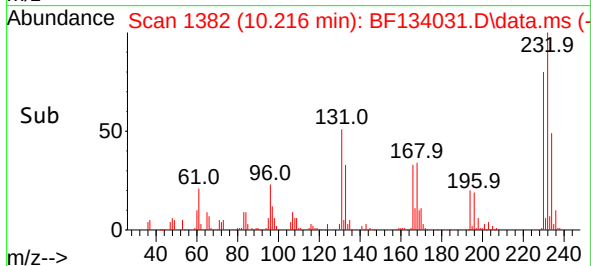
Instrument :
BNA_F
ClientSampleId :
PB153762BS



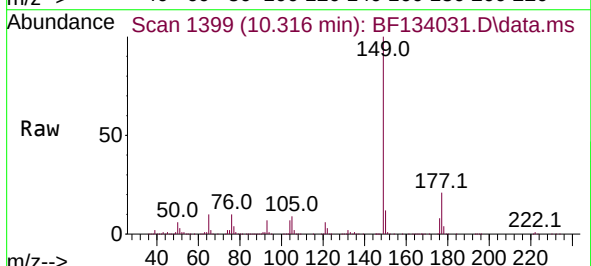
Tgt Ion:232 Resp: 161862
Ion Ratio Lower Upper
232 100
131 48.1 39.3 58.9
130 2.4 1.8 2.6
166 30.2 25.0 37.6

Manual Integrations
APPROVED

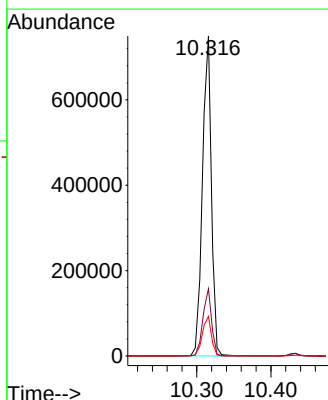
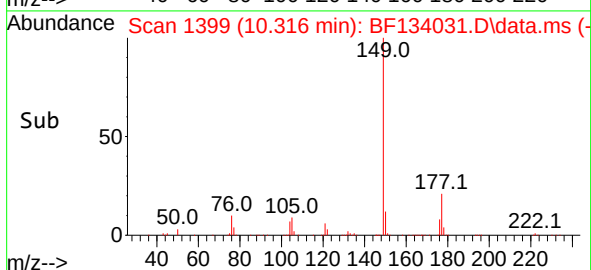
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

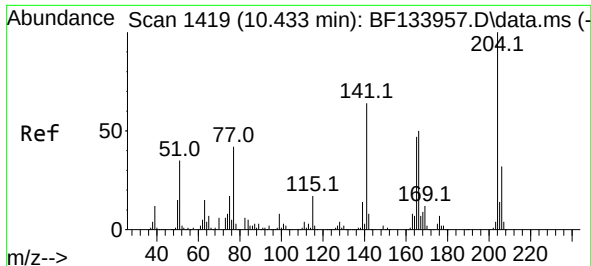


#60
Diethylphthalate
Concen: 40.608 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion:149 Resp: 632887
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.082 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

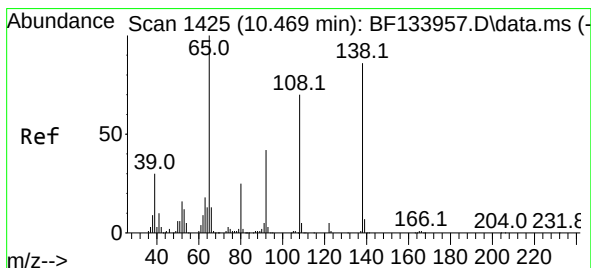
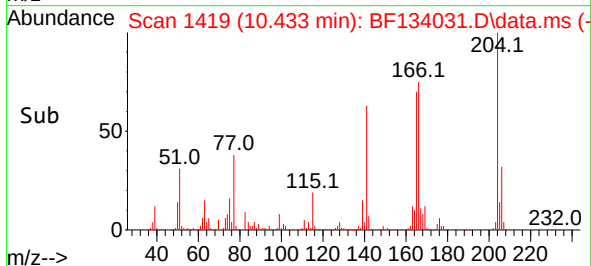
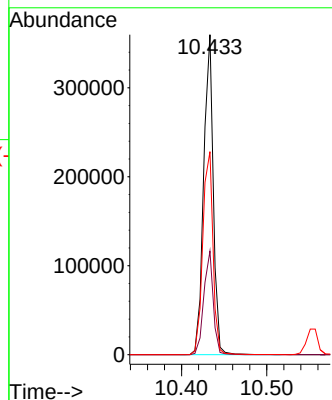
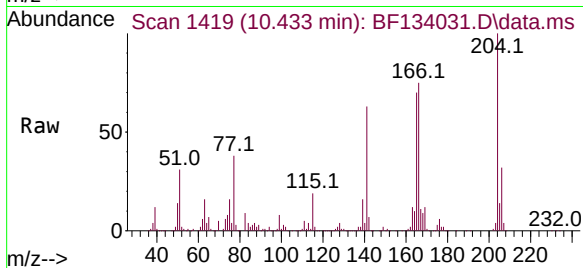
PB153762BS

Tgt Ion:204 Resp: 281570
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 63.5 51.5 77.3

Manual Integrations

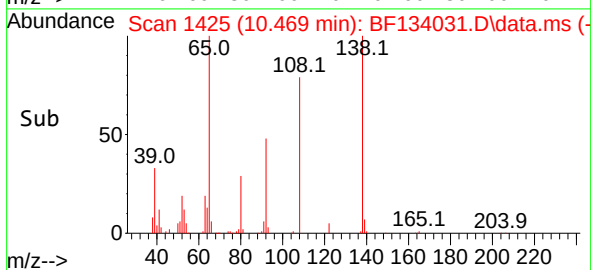
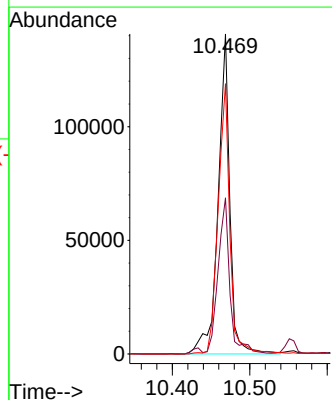
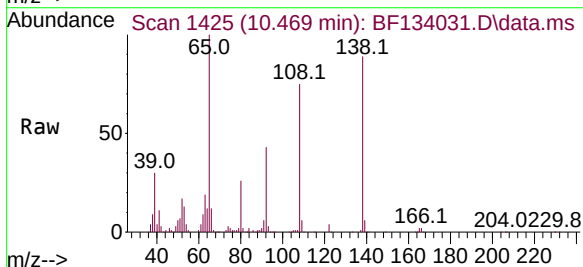
APPROVED

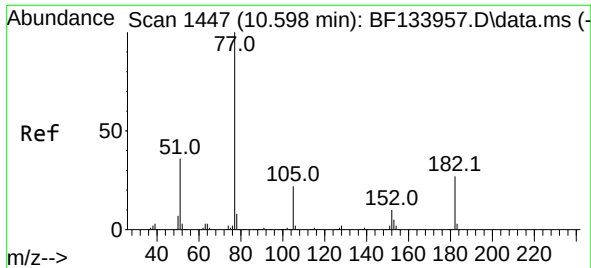
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#62
4-Nitroaniline
Concen: 38.102 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:138 Resp: 148425
Ion Ratio Lower Upper
138 100
92 48.8 29.7 69.7
108 84.4 62.1 102.1





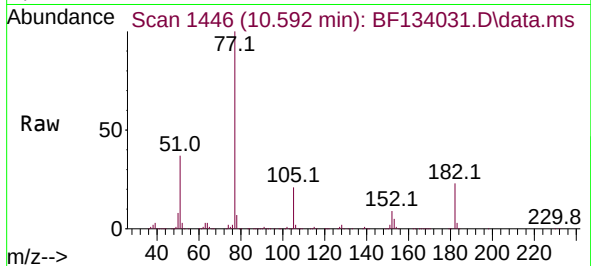
#63
Azobenzene
Concen: 40.542 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

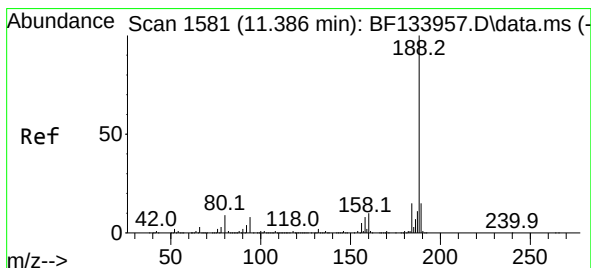
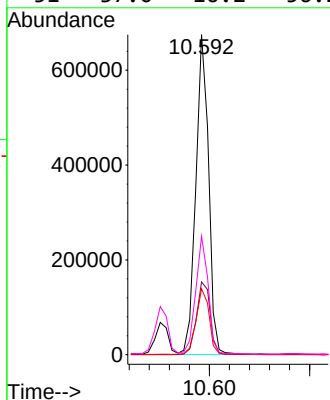
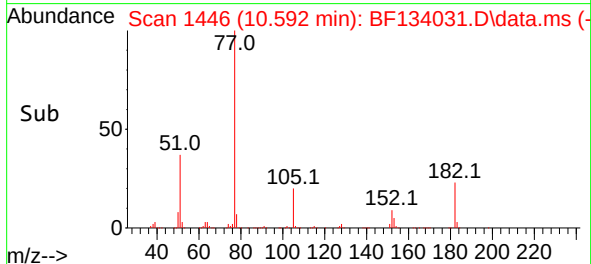


Tgt Ion: 77 Resp: 59769
Ion Ratio Lower Upper
77 100
182 22.8 6.8 46.8
105 20.6 2.3 42.3
51 37.0 16.2 56.2

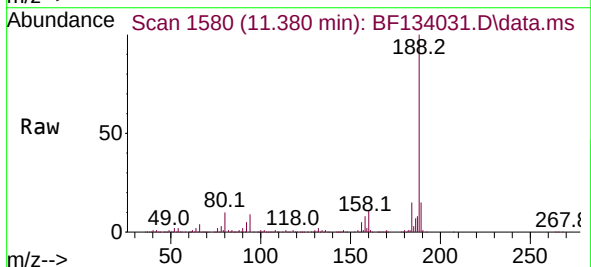
Manual Integrations

APPROVED

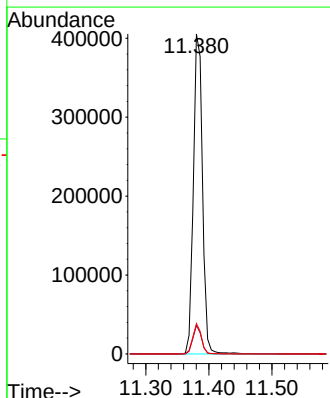
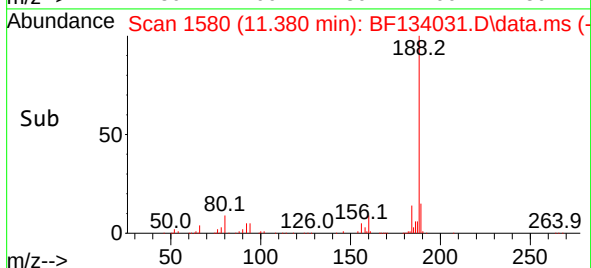
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

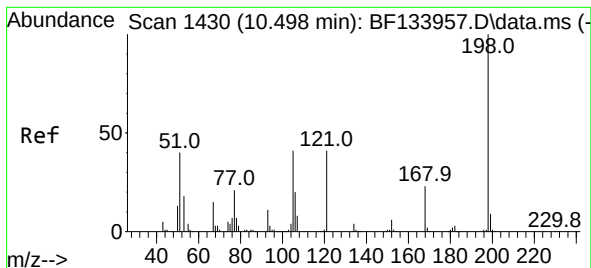


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



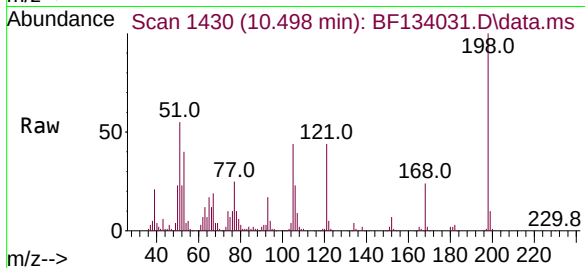
Tgt Ion:188 Resp: 405360
Ion Ratio Lower Upper
188 100
94 8.9 6.4 9.6
80 9.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 47.353 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

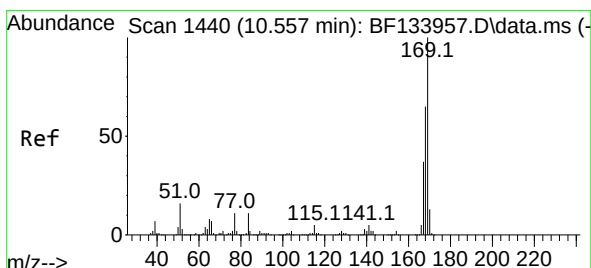
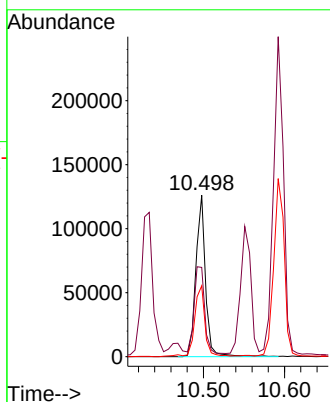
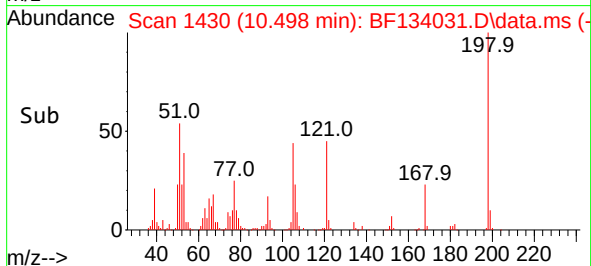
Instrument :
BNA_F
ClientSampleId :
PB153762BS



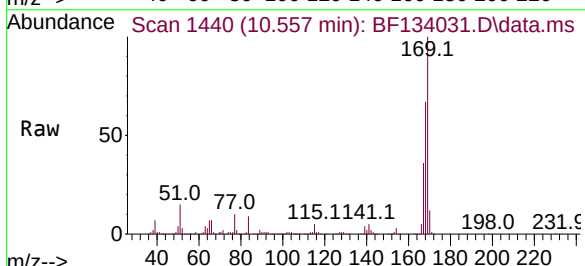
Tgt Ion:198 Resp: 104649
Ion Ratio Lower Upper
198 100
51 55.3 29.3 69.3
105 43.9 22.4 62.4

Manual Integrations
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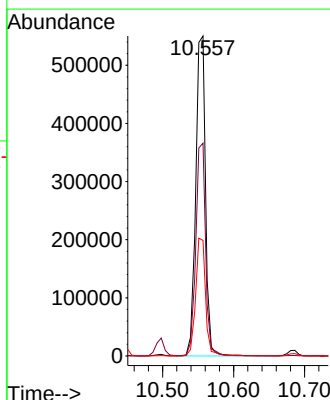
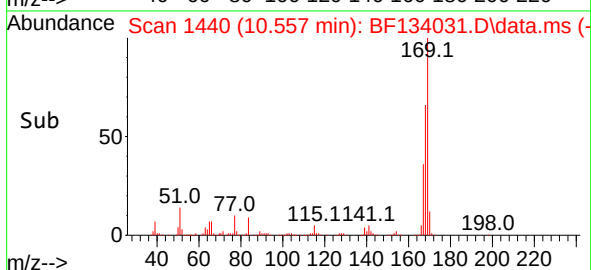
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

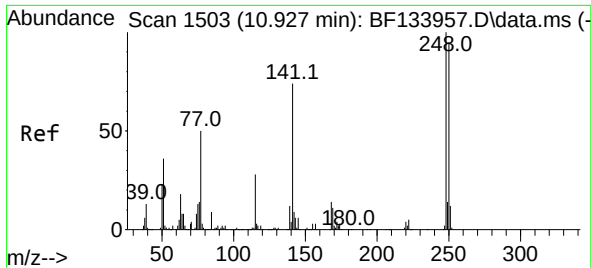


#66
n-Nitrosodiphenylamine
Concen: 40.704 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion:169 Resp: 527174
Ion Ratio Lower Upper
169 100
168 66.5 52.3 78.5
167 36.1 29.4 44.0





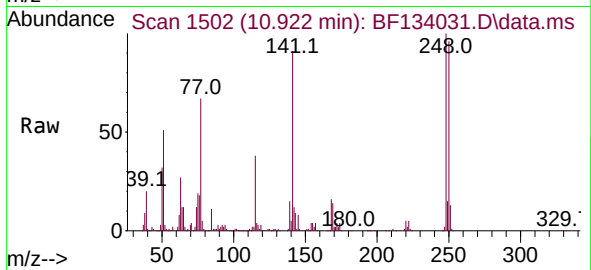
#67
4-Bromophenyl-phenylether
Concen: 40.498 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

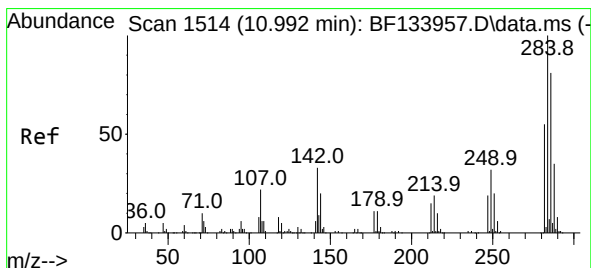
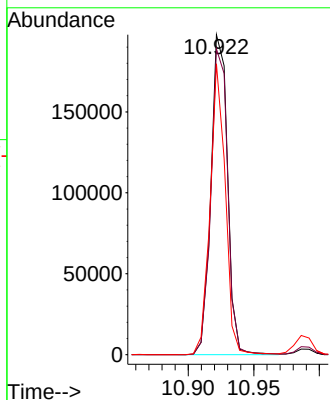
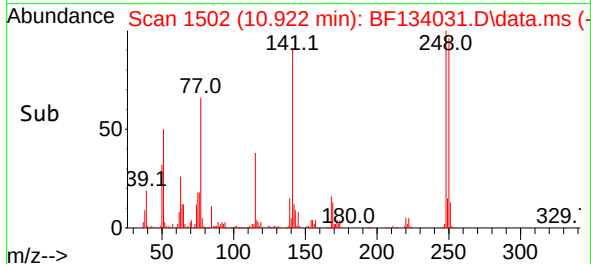


Tgt Ion:248 Resp: 17448
Ion Ratio Lower Upper
248 100
250 95.6 76.2 114.4
141 90.9 59.0 88.4

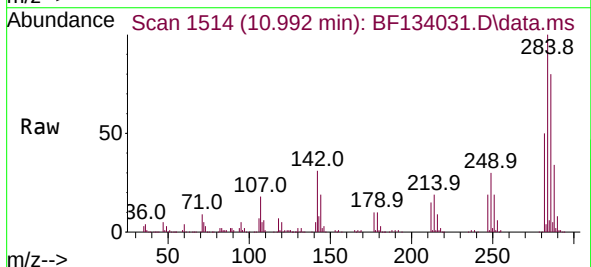
Manual Integrations

APPROVED

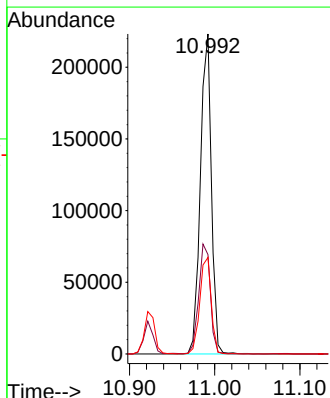
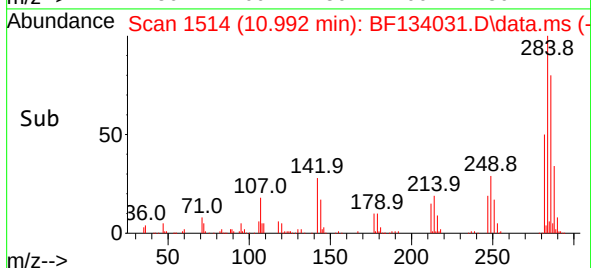
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

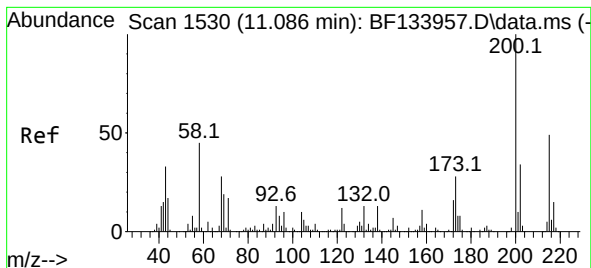


#68
Hexachlorobenzene
Concen: 43.777 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion:284 Resp: 200264
Ion Ratio Lower Upper
284 100
142 31.1 26.6 40.0
249 30.1 25.5 38.3





#69

Atrazine

Concen: 43.703 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:200 Resp: 15656

Ion Ratio Lower Upper

200 100

173 28.8 8.0 48.0

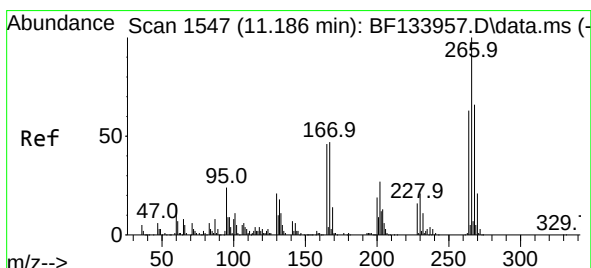
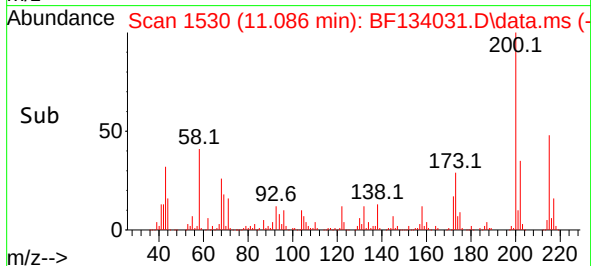
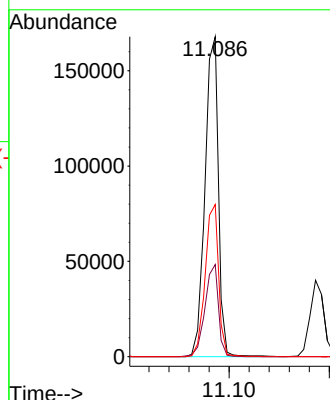
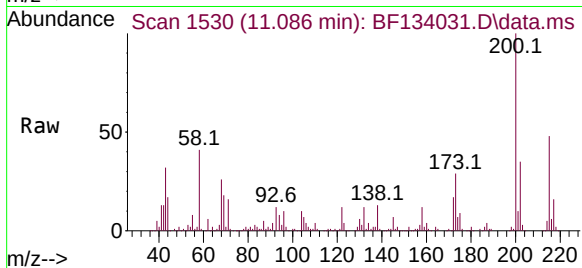
215 47.5 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#70

Pentachlorophenol

Concen: 75.383 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

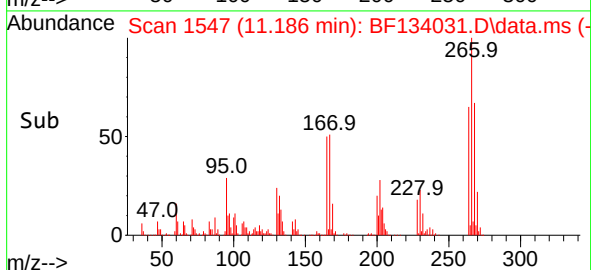
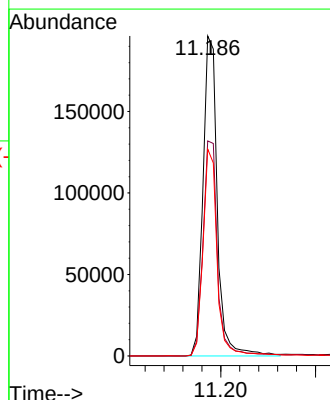
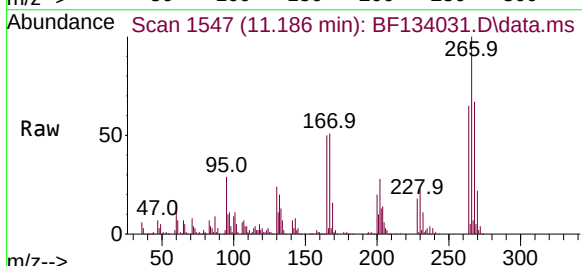
Tgt Ion:266 Resp: 206189

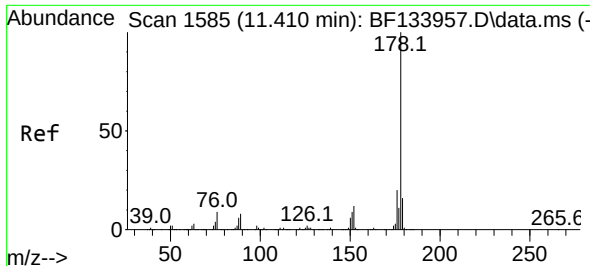
Ion Ratio Lower Upper

266 100

268 67.2 52.6 79.0

264 64.7 50.6 76.0





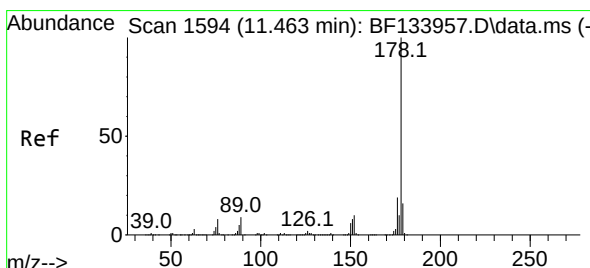
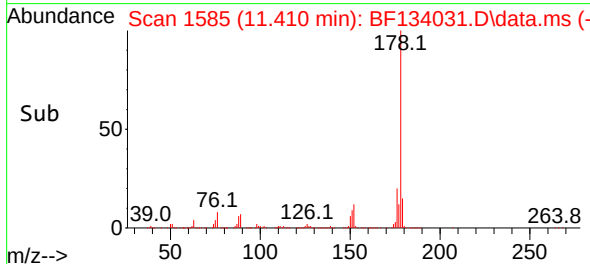
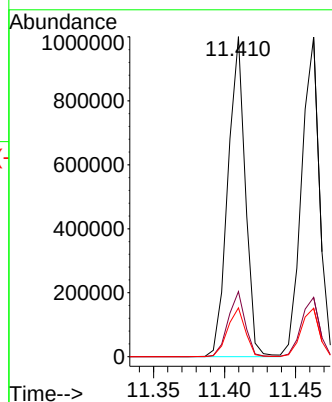
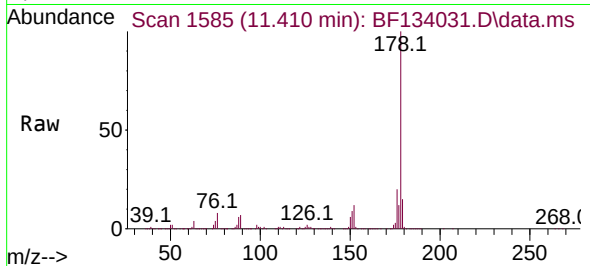
#71
Phenanthrene
Concen: 41.625 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :
BNA_F
ClientSampleId :
PB153762BS

Tgt Ion:178 Resp: 84941
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 15.3 12.4 18.6

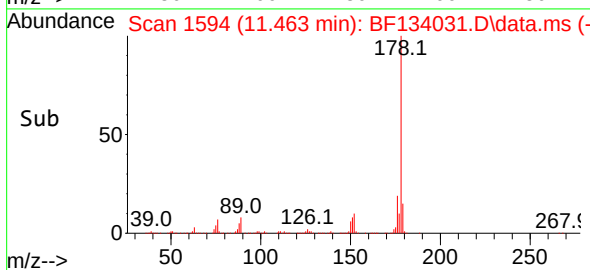
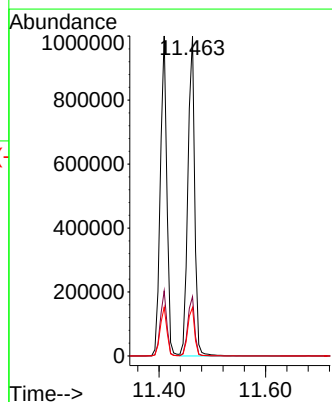
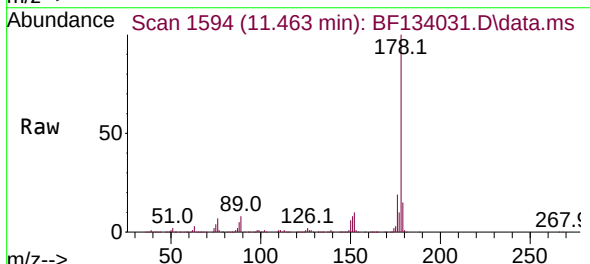
Manual Integrations
APPROVED

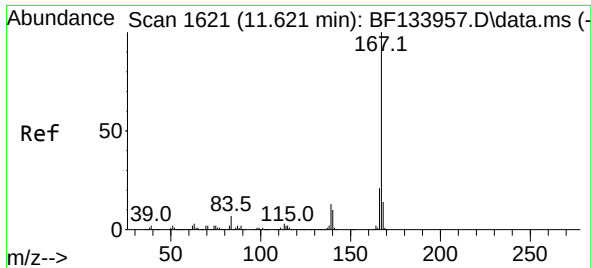
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#72
Anthracene
Concen: 41.518 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

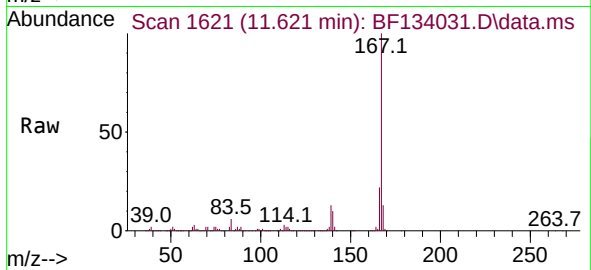
Tgt Ion:178 Resp: 881217
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 41.809 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF134031.D
 Acq: 29 Jun 2023 11:55

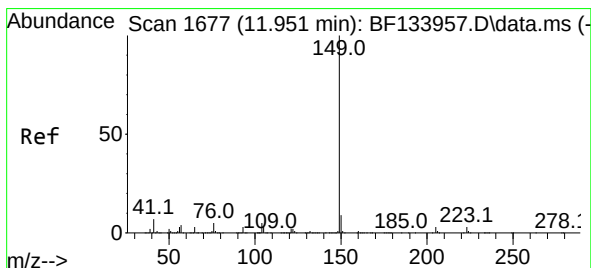
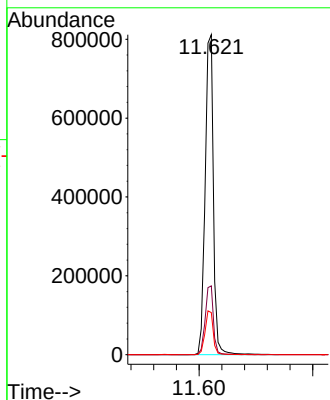
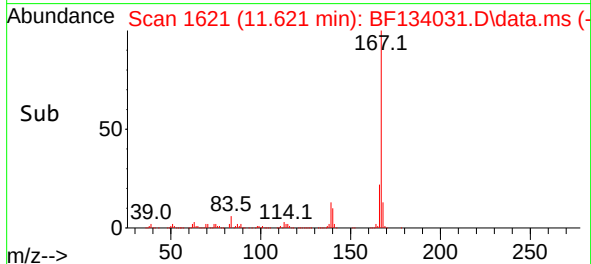
Instrument :
 BNA_F
 ClientSampleId :
 PB153762BS



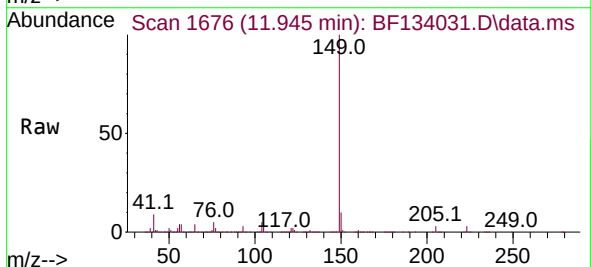
Tgt Ion:167 Resp: 81225
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.2 10.4 15.6

Manual Integrations
 APPROVED

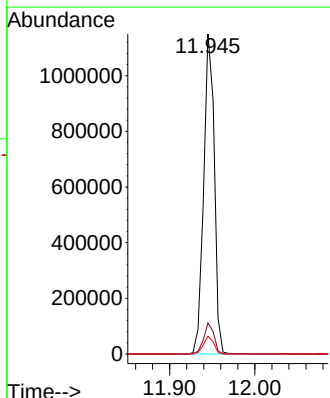
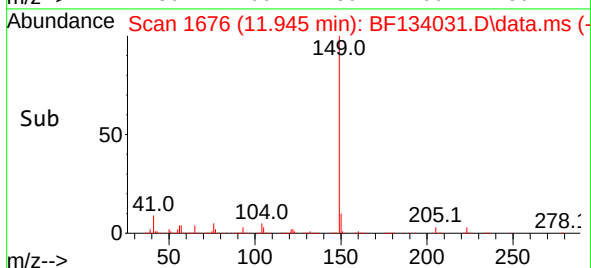
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

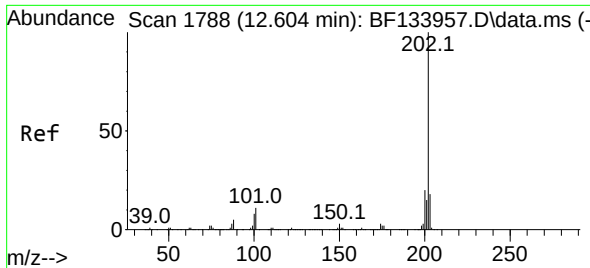


#74
 Di-n-butylphthalate
 Concen: 43.094 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134031.D
 Acq: 29 Jun 2023 11:55



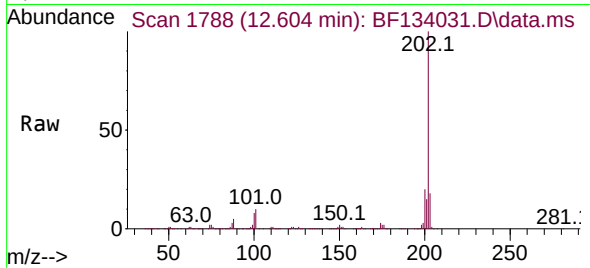
Tgt Ion:149 Resp: 995600
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.1 10.7
 104 5.5 4.0 6.0





#75
Fluoranthene
Concen: 41.617 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

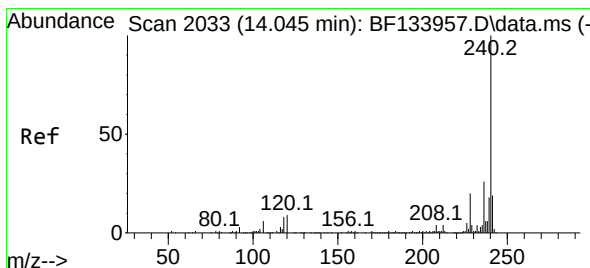
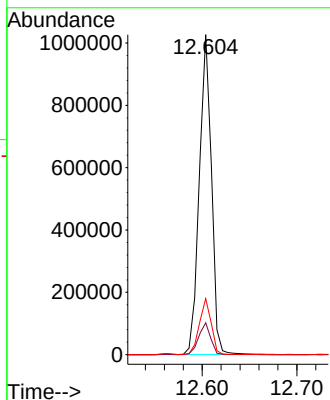
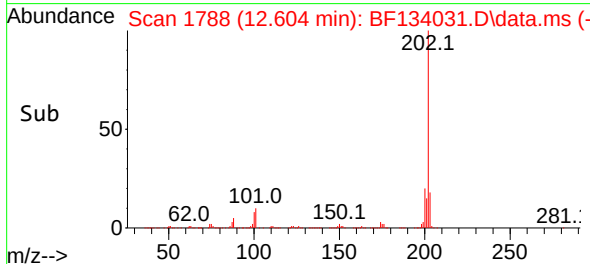
Instrument :
BNA_F
ClientSampleId :
PB153762BS



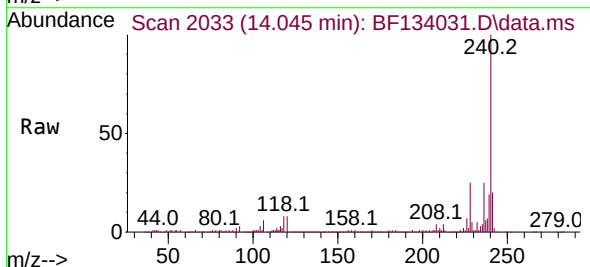
Tgt Ion:202 Resp: 918129
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.0
203 17.5 0.0 37.6

Manual Integrations
APPROVED

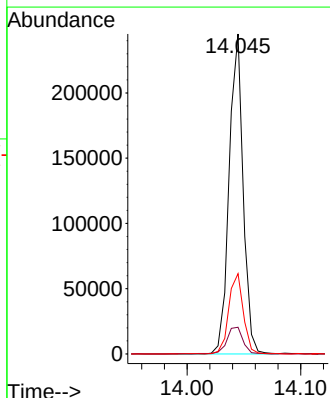
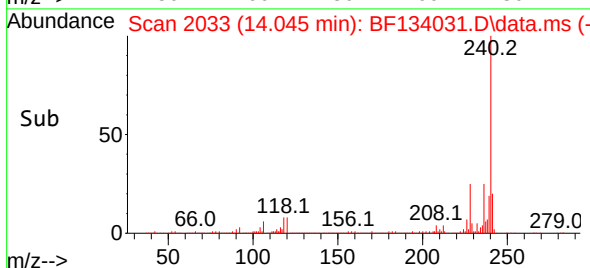
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

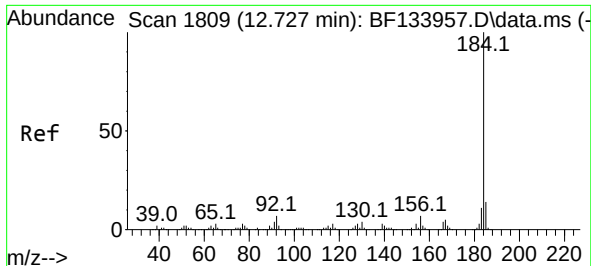


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion:240 Resp: 209842
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 25.1 21.0 31.6





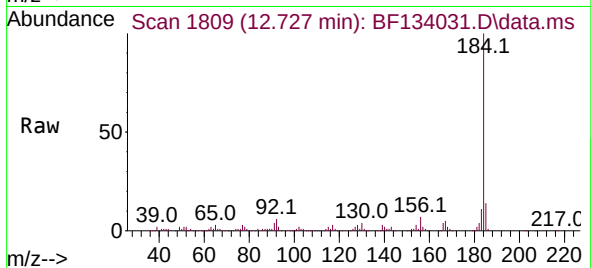
#77
Benzidine
Concen: 33.465 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

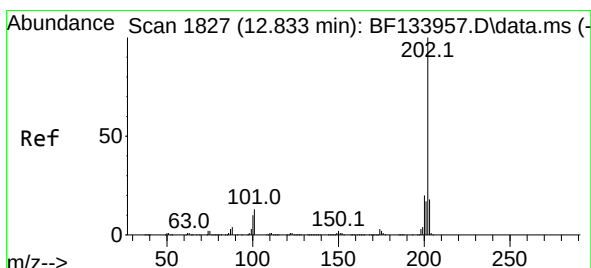
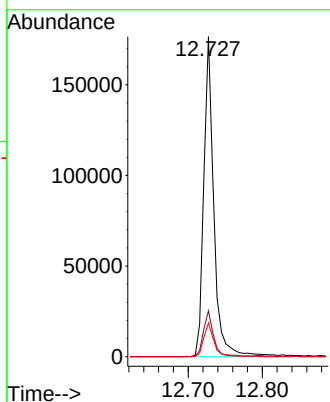
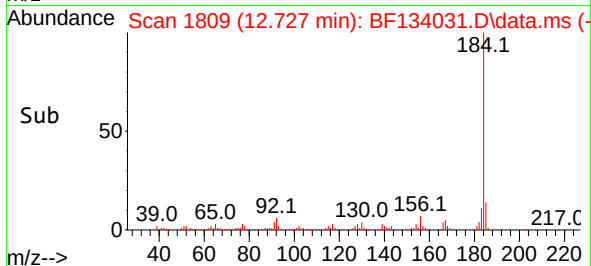


Tgt Ion:184 Resp: 167090
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 10.6 8.8 13.2

Manual Integrations

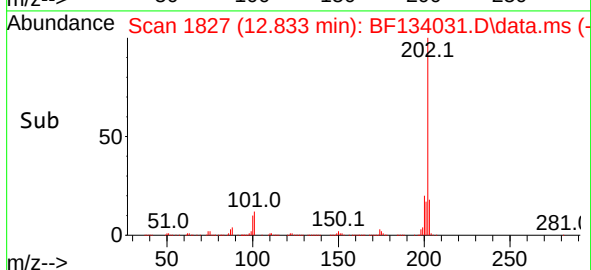
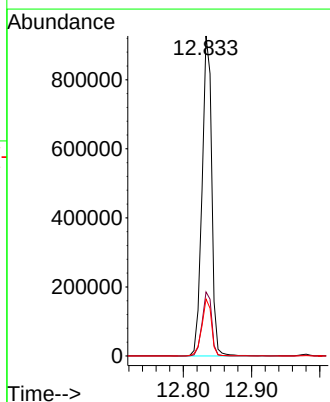
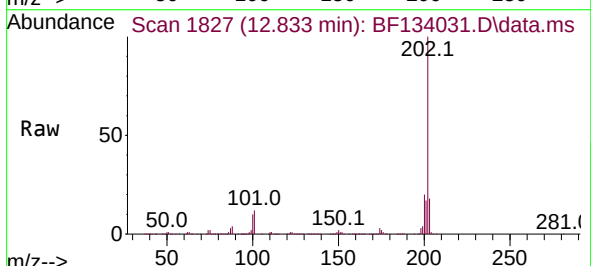
APPROVED

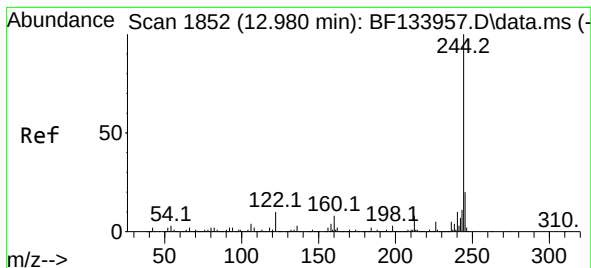
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#78
Pyrene
Concen: 46.620 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:202 Resp: 910427
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 95.041 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:244 Resp: 1239180

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

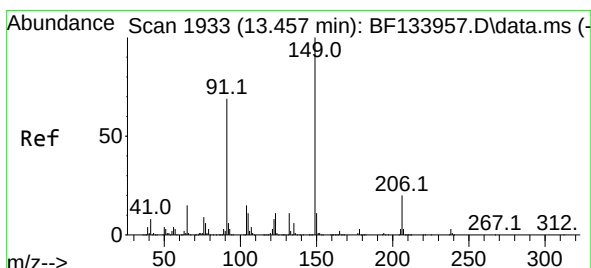
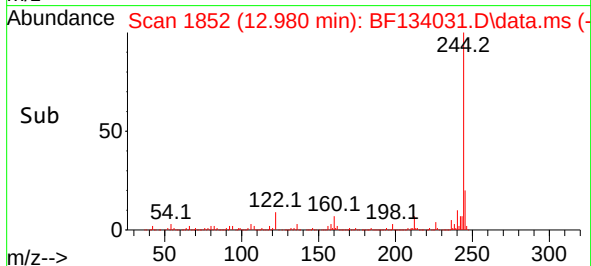
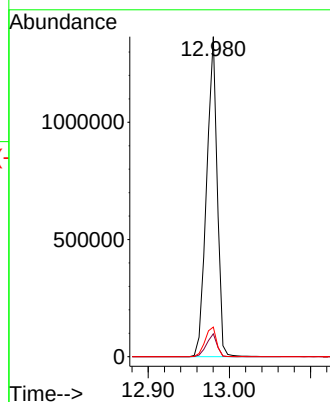
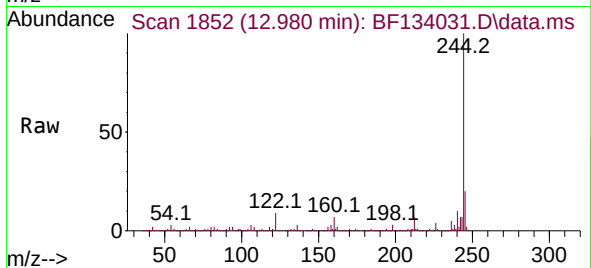
122 9.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#80

Butylbenzylphthalate

Concen: 47.411 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

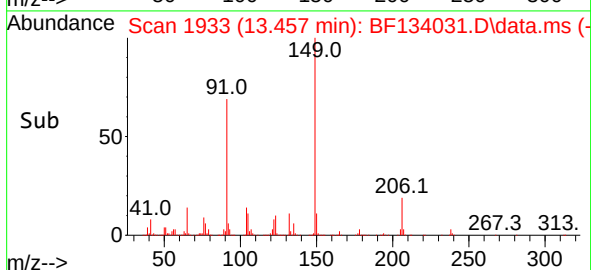
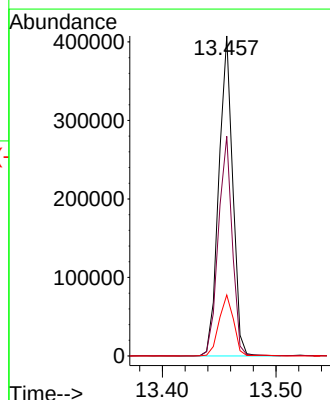
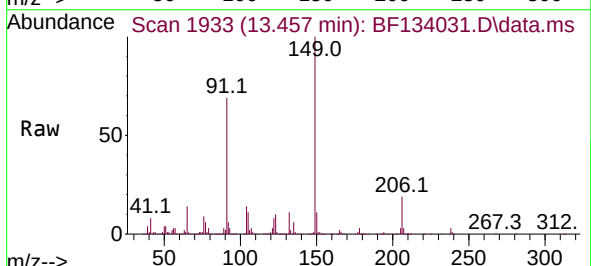
Tgt Ion:149 Resp: 347244

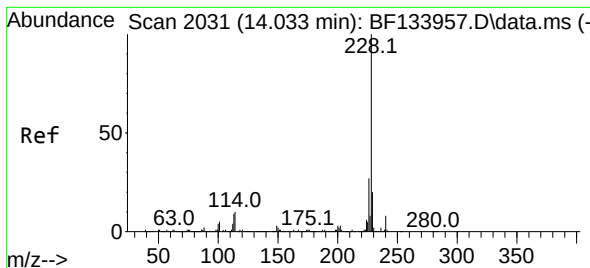
Ion Ratio Lower Upper

149 100

91 68.6 55.1 82.7

206 19.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.767 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:228 Resp: 60783

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

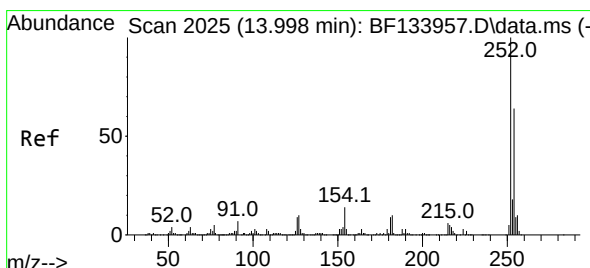
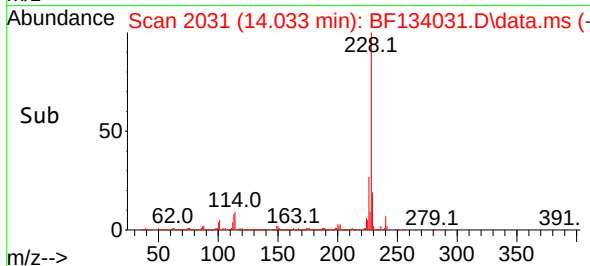
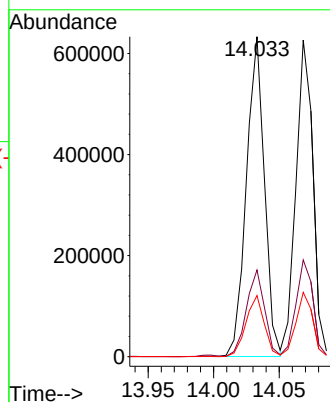
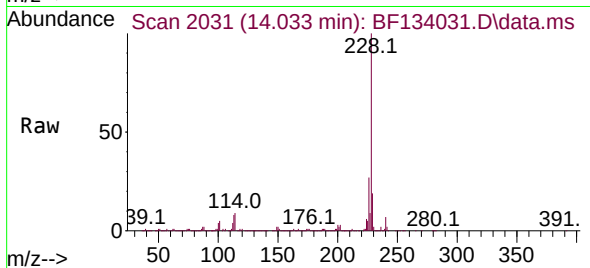
229 19.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#82

3,3'-Dichlorobenzidine

Concen: 30.961 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

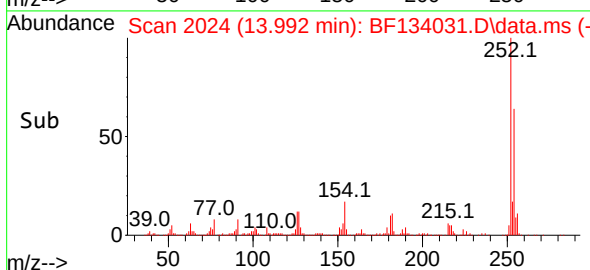
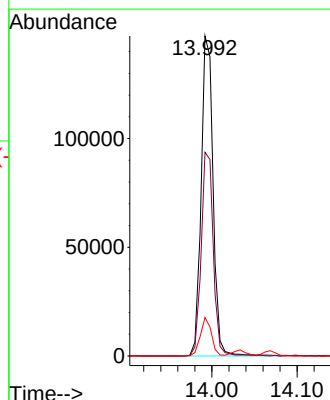
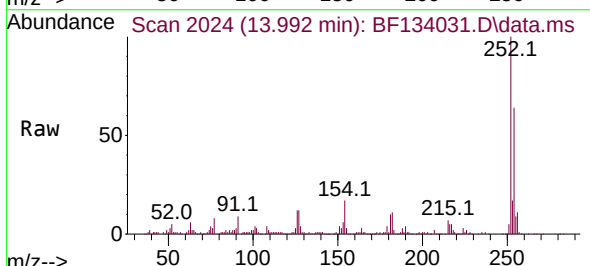
Tgt Ion:252 Resp: 142750

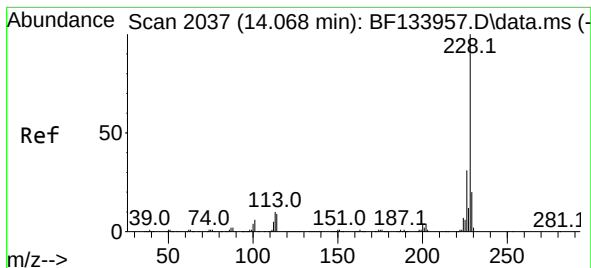
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

126 12.0 7.4 11.2#





#83

Chrysene

Concen: 40.485 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Tgt Ion:228 Resp: 570654

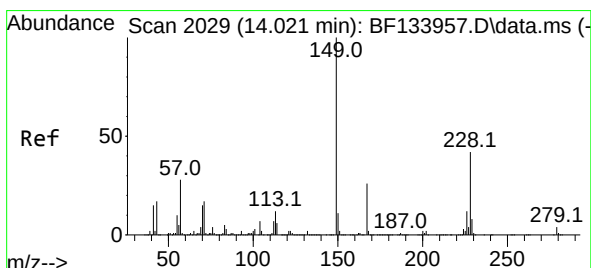
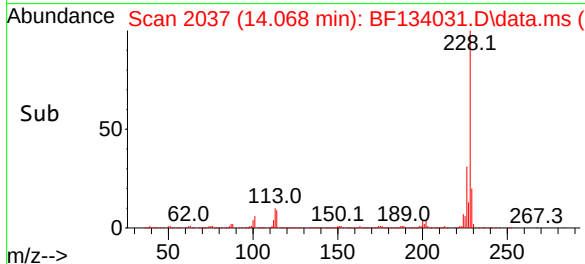
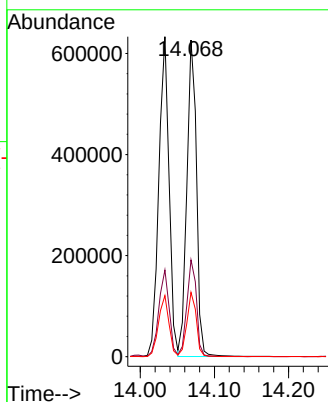
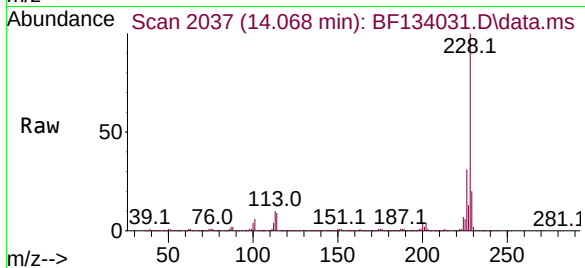
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	20.3	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.846 ng

RT: 14.021 min Scan# 2029

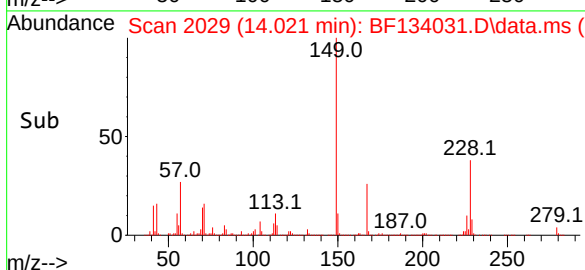
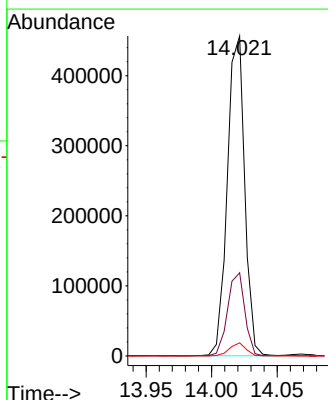
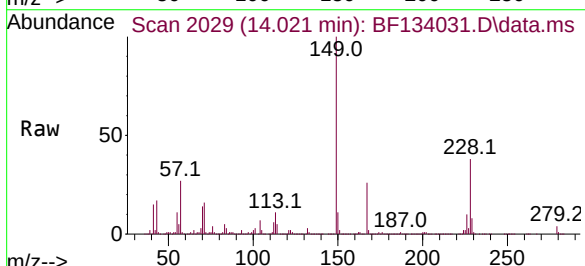
Delta R.T. 0.000 min

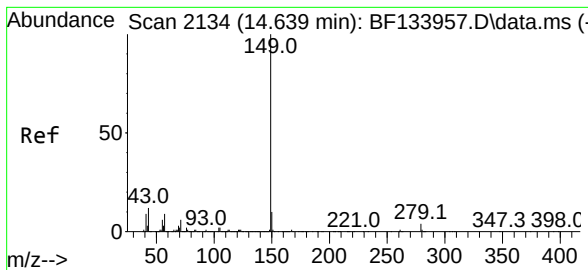
Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Tgt Ion:149 Resp: 419501

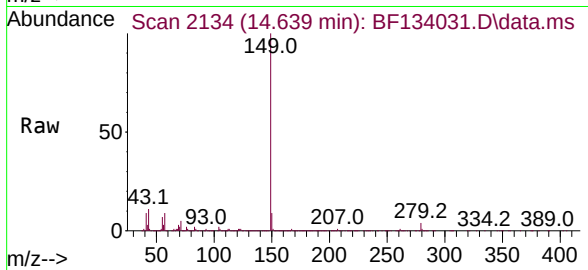
Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	4.1	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 49.882 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

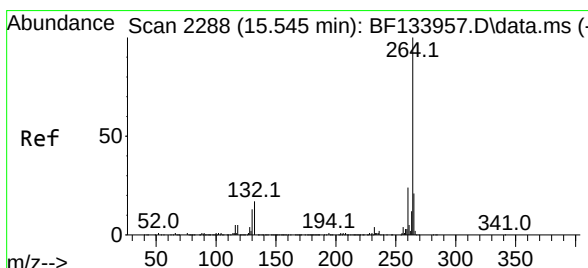
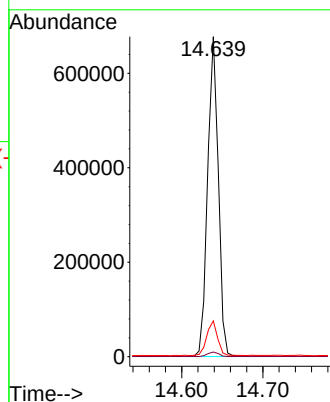
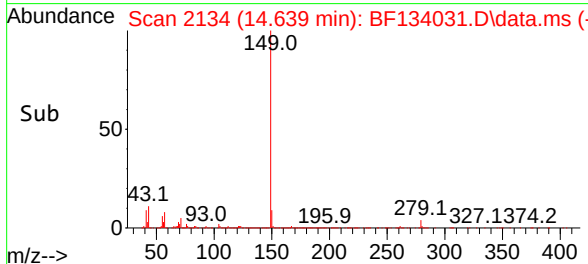
Instrument :
BNA_F
ClientSampleId :
PB153762BS



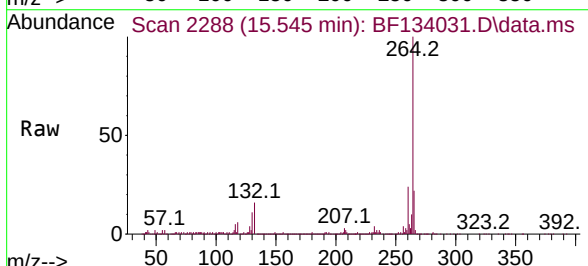
Tgt Ion:149 Resp: 61684
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.3 9.0 13.4

Manual Integrations
APPROVED

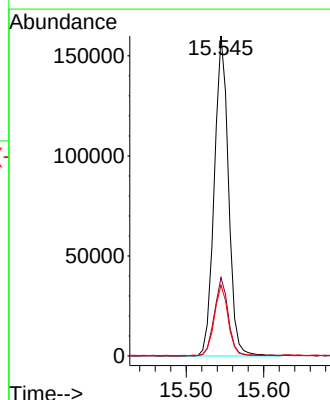
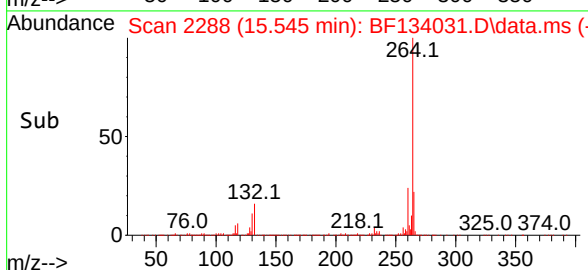
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

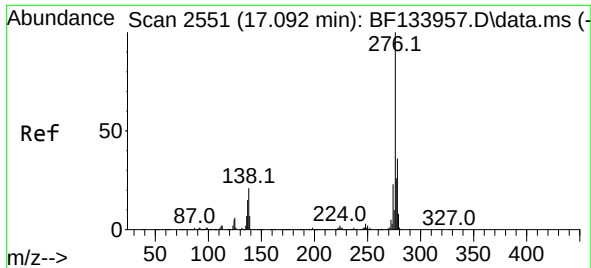


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55



Tgt Ion:264 Resp: 203741
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 22.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.956 ng
RT: 17.098 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

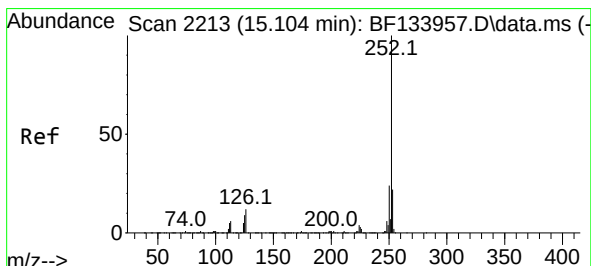
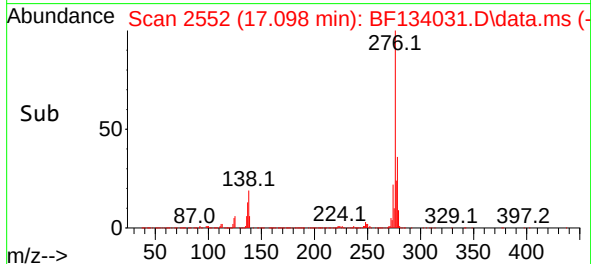
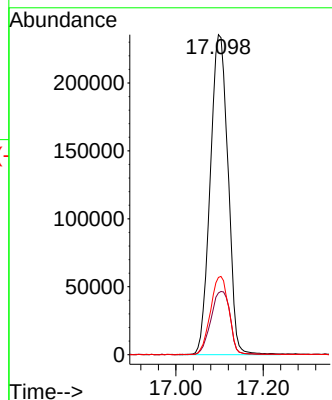
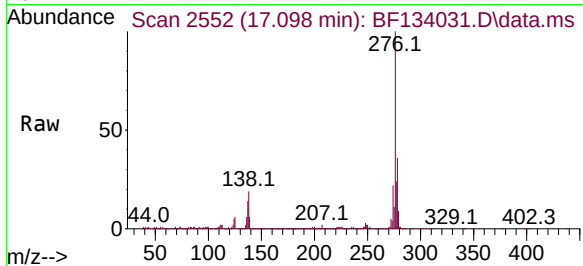
PB153762BS

Tgt Ion:276 Resp: 663839
Ion Ratio Lower Upper
276 100
138 21.5 18.7 28.1
277 25.2 19.9 29.9

Manual Integrations

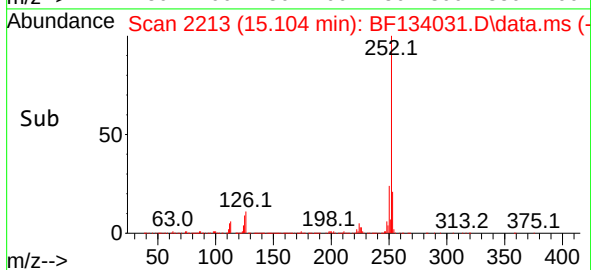
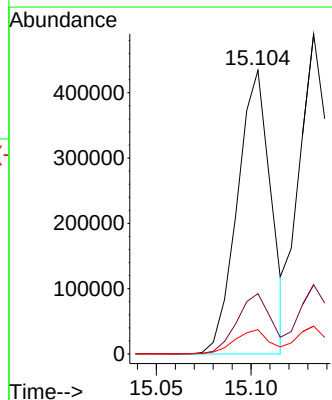
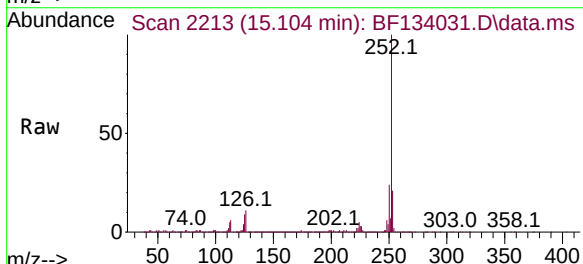
APPROVED

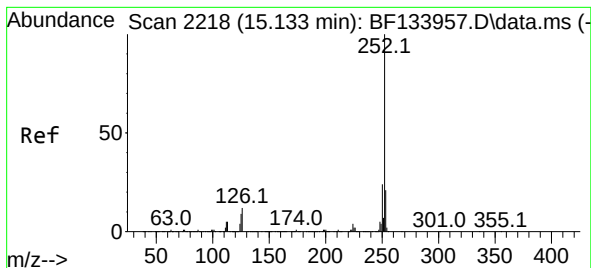
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#88
Benzo(b)fluoranthene
Concen: 44.550 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:252 Resp: 533719
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 8.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 42.644 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB153762BS

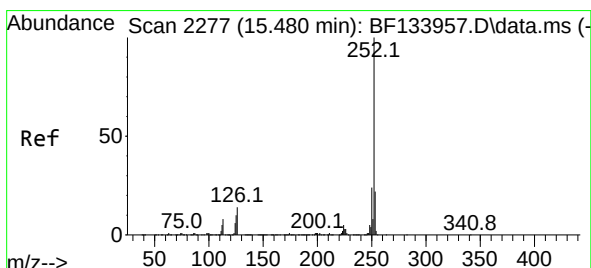
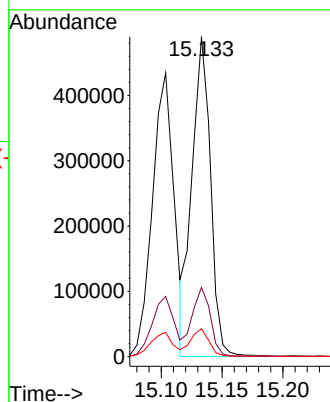
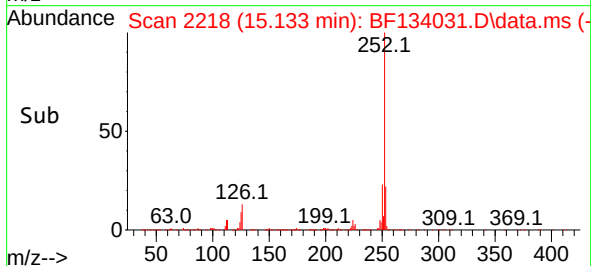
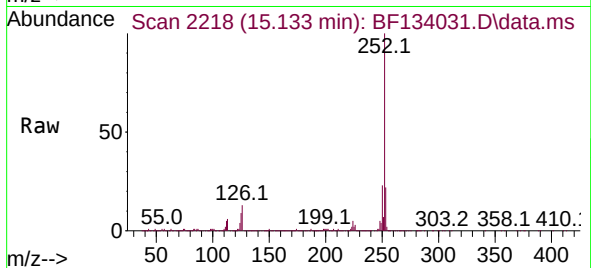
Tgt Ion:	252	Resp:	52016
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.9	25.3
125	8.7	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#90

Benzo(a)pyrene

Concen: 40.827 ng

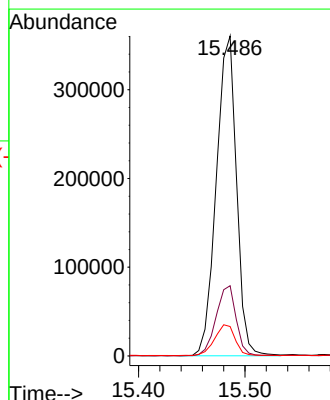
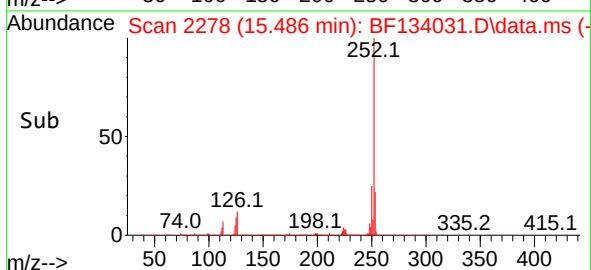
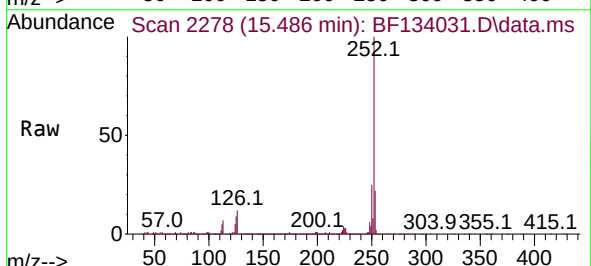
RT: 15.486 min Scan# 2278

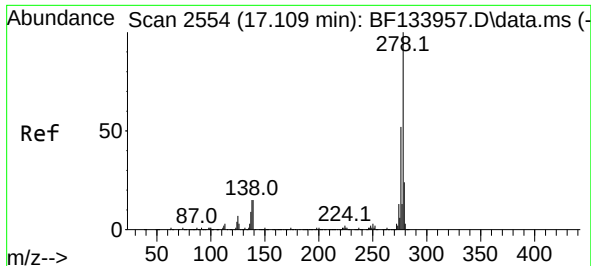
Delta R.T. 0.006 min

Lab File: BF134031.D

Acq: 29 Jun 2023 11:55

Tgt Ion:	252	Resp:	472971
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	9.2	8.4	12.6





#91
Dibenzo(a,h)anthracene
Concen: 46.504 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Instrument :

BNA_F

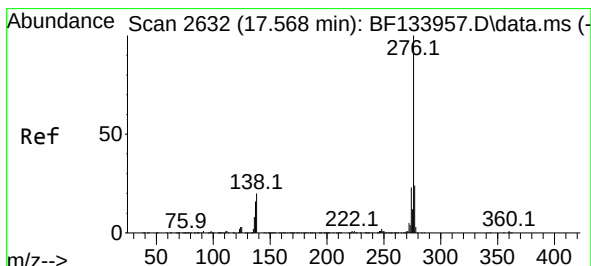
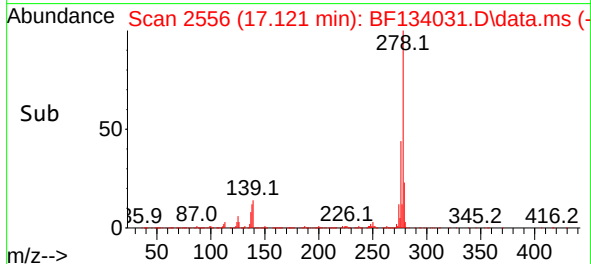
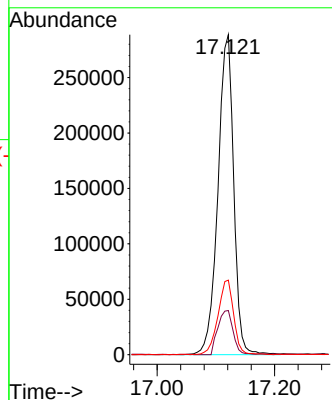
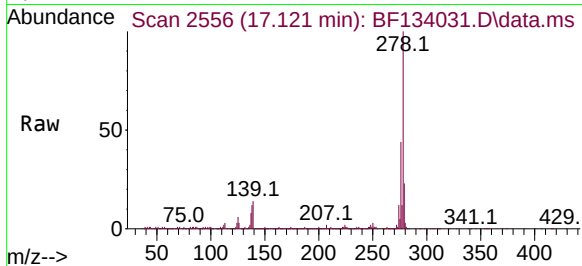
ClientSampleId :

PB153762BS

Tgt Ion:278 Resp: 53699
Ion Ratio Lower Upper
278 100
139 13.8 12.2 18.4
279 23.3 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#92
Benzo(g,h,i)perylene
Concen: 45.184 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134031.D
Acq: 29 Jun 2023 11:55

Tgt Ion:276 Resp: 538055
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 19.5 16.2 24.2

