

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134146.D
 Acq On : 08 Jul 2023 13:45
 Operator : CG\JU
 Sample : PB153791BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153791BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 09 00:36:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	155366	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	608655	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	315367	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	608307	20.000	ng	0.00
76) Chrysene-d12	14.045	240	349242	20.000	ng	0.00
86) Perylene-d12	15.545	264	295188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1030082	110.905	ng	0.01
7) Phenol-d6	6.498	99	1249700	109.408	ng	0.00
23) Nitrobenzene-d5	7.422	82	888789	78.715	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	463070	117.112	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1617780	74.582	ng	0.00
79) Terphenyl-d14	12.980	244	1890877	87.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	115368	30.125	ng	100
3) Pyridine	3.516	79	305511	30.626	ng	96
4) n-Nitrosodimethylamine	3.475	42	237771	41.734	ng	96
6) Aniline	6.516	93	480335	34.558	ng	# 60
8) 2-Chlorophenol	6.634	128	411690	43.665	ng	98
9) Benzaldehyde	6.404	77	157899	22.289	ng	99
10) Phenol	6.510	94	471071	39.224	ng	# 73
11) bis(2-Chloroethyl)ether	6.587	93	371319	41.996	ng	99
12) 1,3-Dichlorobenzene	6.793	146	428980	42.677	ng	98
13) 1,4-Dichlorobenzene	6.869	146	435496	42.894	ng	99
14) 1,2-Dichlorobenzene	7.016	146	417110	43.867	ng	99
15) Benzyl Alcohol	6.998	79	386237	43.863	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	627212	40.097	ng	96
17) 2-Methylphenol	7.110	107	335652	39.755	ng	94
18) Hexachloroethane	7.357	117	169748	45.091	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	300100	41.429	ng	99
20) 3+4-Methylphenols	7.263	107	400593	39.110	ng	90
22) Acetophenone	7.263	105	584275	42.209	ng	96
24) Nitrobenzene	7.440	77	455876	39.954	ng	97
25) Isophorone	7.675	82	830491	40.471	ng	98
26) 2-Nitrophenol	7.751	139	231261	42.250	ng	98
27) 2,4-Dimethylphenol	7.787	122	358318	41.356	ng	94
28) bis(2-Chloroethoxy)met...	7.881	93	475622	40.028	ng	100
29) 2,4-Dichlorophenol	7.992	162	345644	40.230	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	371208	41.873	ng	99
31) Naphthalene	8.151	128	1152258	39.193	ng	99
32) Benzoic acid	7.939	122	281224	43.316	ng	96
33) 4-Chloroaniline	8.204	127	230910	18.361	ng	98
34) Hexachlorobutadiene	8.263	225	238481	42.645	ng	98
35) Caprolactam	8.598	113	110354m	39.010	ng	
36) 4-Chloro-3-methylphenol	8.692	107	399233	41.364	ng	98
37) 2-Methylnaphthalene	8.845	142	785896	37.801	ng	100
38) 1-Methylnaphthalene	8.945	142	720132	37.259	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	386826	41.402	ng	98
41) Hexachlorocyclopentadiene	8.992	237	399289	90.080	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	255078	40.104	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	275415	36.813	ng	95
46) 1,1'-Biphenyl	9.310	154	1003793	39.679	ng	98
47) 2-Chloronaphthalene	9.334	162	735675	39.746	ng	96
48) 2-Nitroaniline	9.439	65	262519	38.917	ng	92
49) Acenaphthylene	9.751	152	1198079	37.892	ng	100
50) Dimethylphthalate	9.616	163	915740	40.002	ng	100
51) 2,6-Dinitrotoluene	9.681	165	197532	40.062	ng	# 85
52) Acenaphthene	9.928	154	709828	38.689	ng	99
53) 3-Nitroaniline	9.851	138	165731	28.018	ng	98
54) 2,4-Dinitrophenol	9.969	184	238091	83.439	ng	97
55) Dibenzofuran	10.098	168	1057600	36.885	ng	97
56) 4-Nitrophenol	10.028	139	292955	70.803	ng	91
57) 2,4-Dinitrotoluene	10.092	165	251906	38.686	ng	# 82
58) Fluorene	10.445	166	854113	38.288	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	238128	40.351	ng	99
60) Diethylphthalate	10.322	149	953152	39.964	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	416196	38.715	ng	97
62) 4-Nitroaniline	10.480	138	215197	36.099	ng	94
63) Azobenzene	10.598	77	875082	38.788	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	150637	45.421	ng	82
66) n-Nitrosodiphenylamine	10.557	169	774343	39.841	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	266766	41.259	ng	99
68) Hexachlorobenzene	10.992	284	304692	44.384	ng	99
69) Atrazine	11.092	200	259268	48.227	ng	98
70) Pentachlorophenol	11.192	266	300033	73.096	ng	98
71) Phenanthrene	11.410	178	1198351	39.132	ng	99
72) Anthracene	11.463	178	1220557	38.320	ng	99
73) Carbazole	11.622	167	1153710	39.573	ng	98
74) Di-n-butylphthalate	11.945	149	1477497	42.616	ng	99
75) Fluoranthene	12.604	202	1304285	39.397	ng	99
77) Benzidine	12.727	184	404250	48.646	ng	99
78) Pyrene	12.839	202	1296616	39.894	ng	99
80) Butylbenzylphthalate	13.457	149	551204	45.219	ng	99
81) Benzo(a)anthracene	14.033	228	966221	39.893	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	264680	34.492	ng	100
83) Chrysene	14.074	228	911636	38.860	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	725206	51.776	ng	100
85) Di-n-octyl phthalate	14.639	149	1071312	52.054	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	885444	43.228	ng	97
88) Benzo(b)fluoranthene	15.104	252	844397	48.648	ng	99
89) Benzo(k)fluoranthene	15.139	252	755106	42.728	ng	98
90) Benzo(a)pyrene	15.486	252	687776	40.977	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	725201	43.346	ng	98
92) Benzo(g,h,i)perylene	17.580	276	723929	41.960	ng	99

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



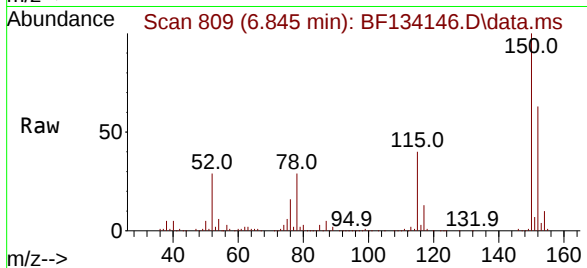
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

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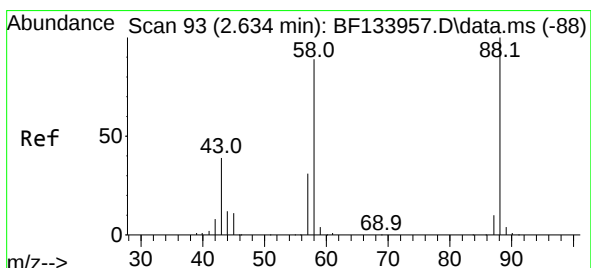
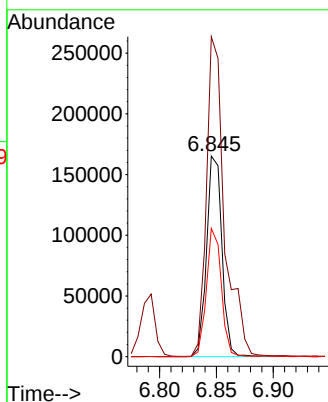
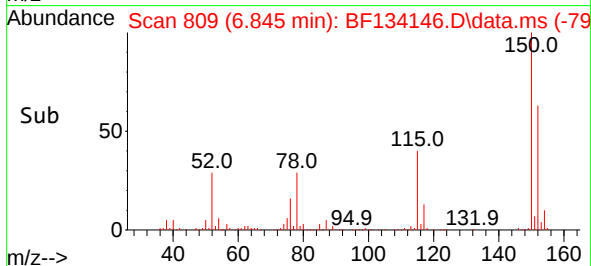


Tgt Ion:152 Resp: 155360
Ion Ratio Lower Upper
152 100
150 159.5 124.5 186.7
115 63.9 50.2 75.2

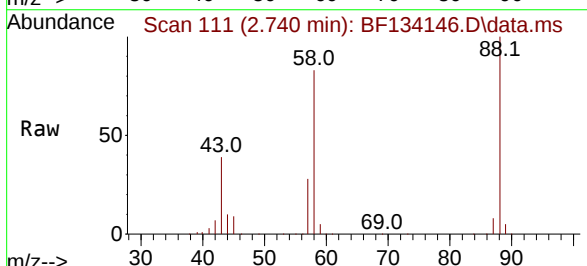
Manual Integrations

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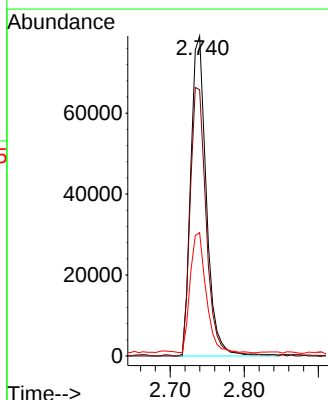
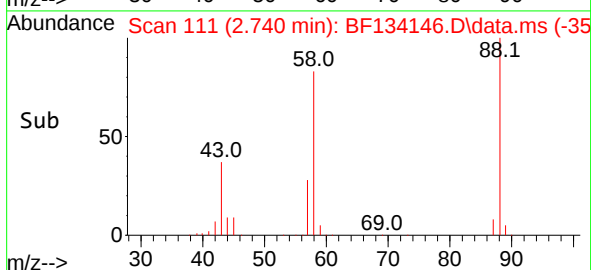
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

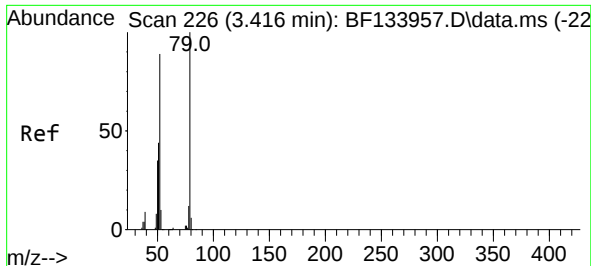


#2
1,4-Dioxane
Concen: 30.125 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.094 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



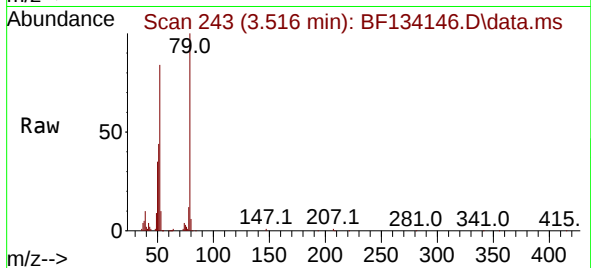
Tgt Ion: 88 Resp: 115368
Ion Ratio Lower Upper
88 100
58 86.6 68.8 103.2
43 38.3 30.7 46.1





#3
Pyridine
Concen: 30.626 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.082 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

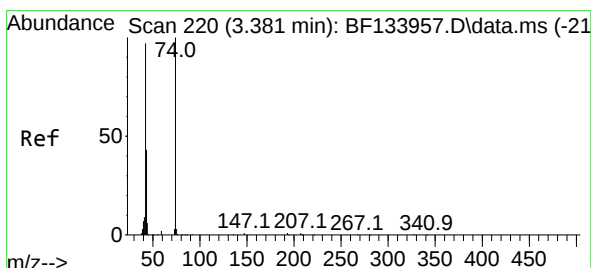
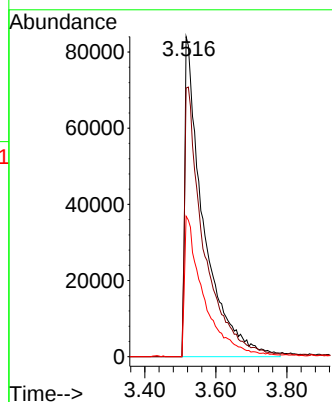
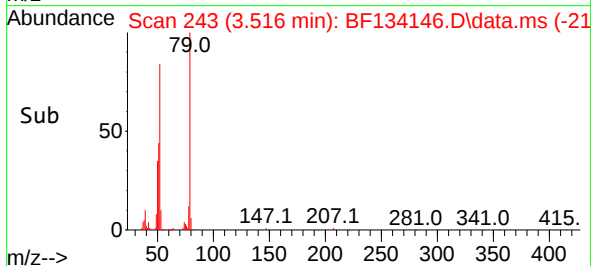
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BNA_F
ClientSampleId :
PB153791BS



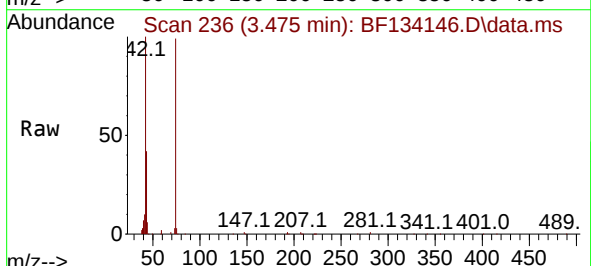
Tgt Ion: 79 Resp: 30551
Ion Ratio Lower Upper
79 100
52 84.0 71.1 106.7
51 43.9 35.2 52.8

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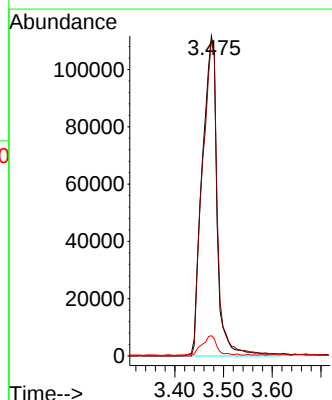
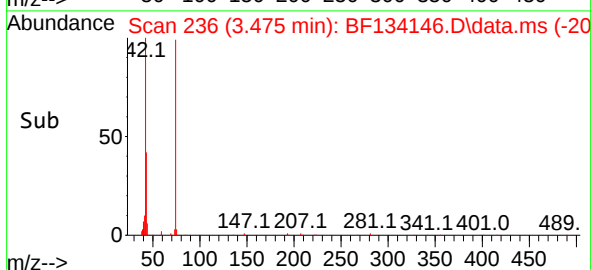
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

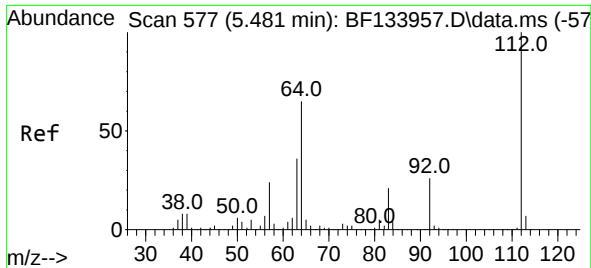


#4
n-Nitrosodimethylamine
Concen: 41.734 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.071 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



Tgt Ion: 42 Resp: 237771
Ion Ratio Lower Upper
42 100
74 98.7 82.4 123.6
44 6.4 4.9 7.3





#5
2-Fluorophenol
Concen: 110.905 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

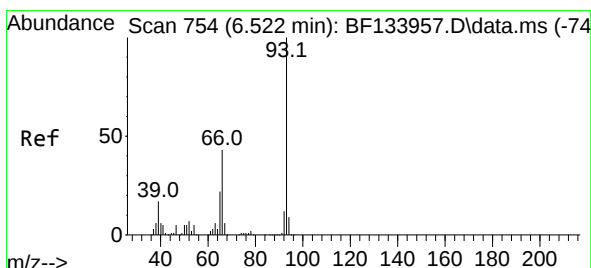
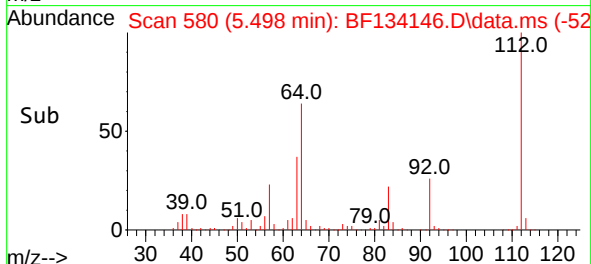
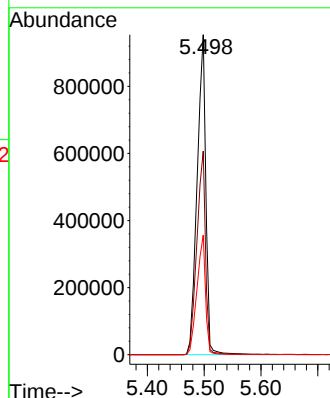
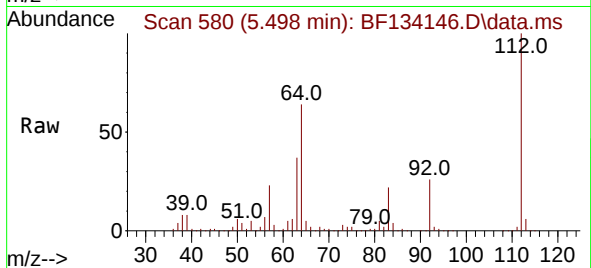
PB153791BS

Tgt Ion:112 Resp: 103008
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 37.4 28.6 42.8

Manual Integrations

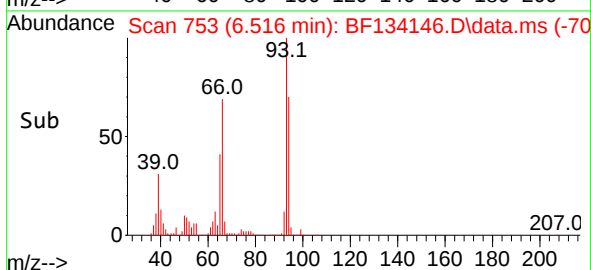
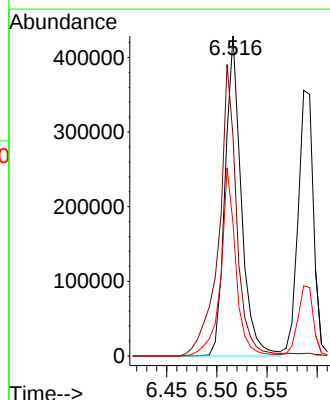
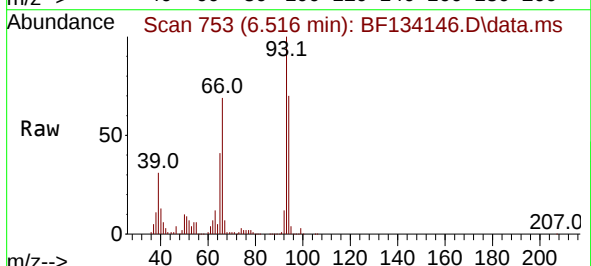
APPROVED

Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#6
Aniline
Concen: 34.558 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134146.D
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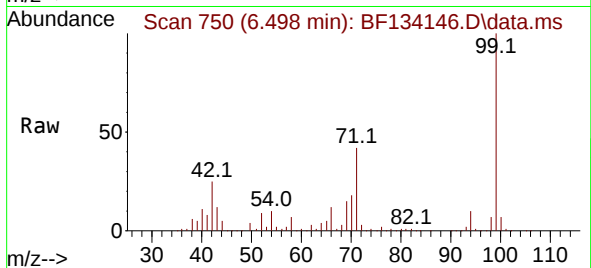
Tgt Ion: 93 Resp: 480335
Ion Ratio Lower Upper
93 100
66 68.8 34.5 51.7#
65 41.5 17.8 26.6#





#7
Phenol-d6
Concen: 109.408 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

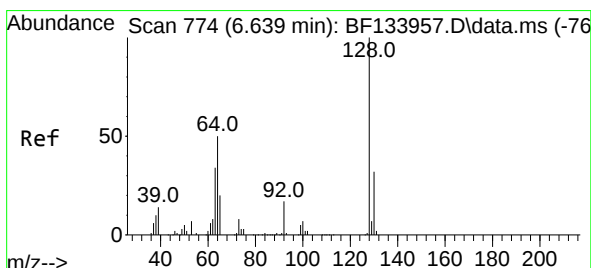
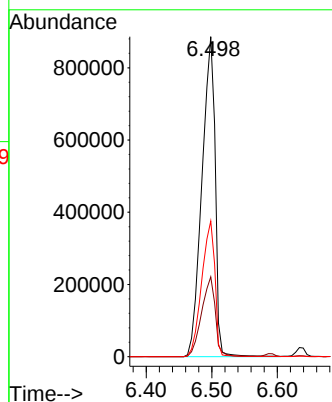
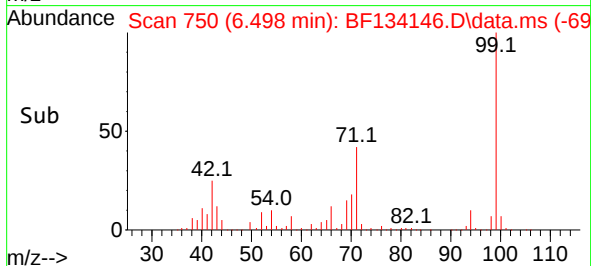
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Tgt Ion: 99 Resp: 1249700
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 42.4 31.9 47.9

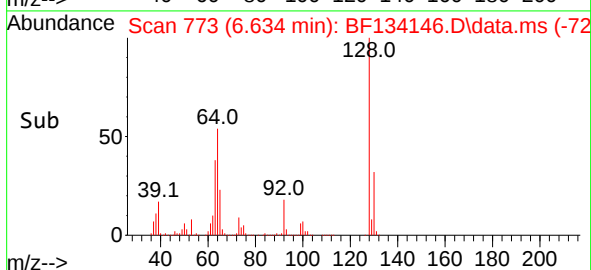
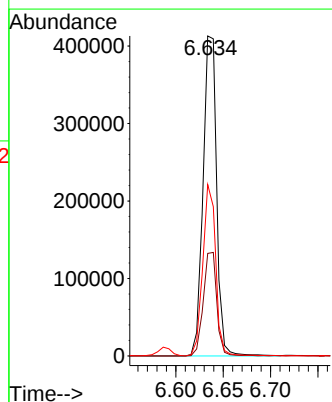
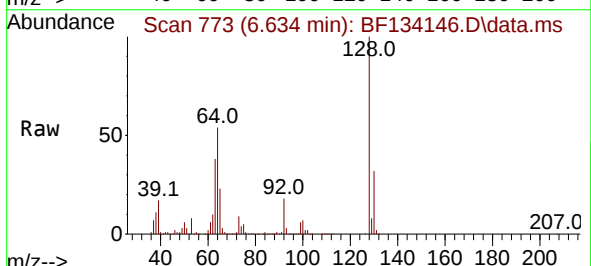
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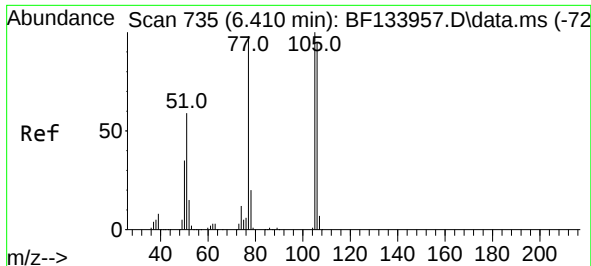
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#8
2-Chlorophenol
Concen: 43.665 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134146.D
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Tgt Ion:128 Resp: 411690
Ion Ratio Lower Upper
128 100
130 32.0 11.7 51.7
64 53.6 31.3 71.3





#9

Benzaldehyde

Concen: 22.289 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134146.D

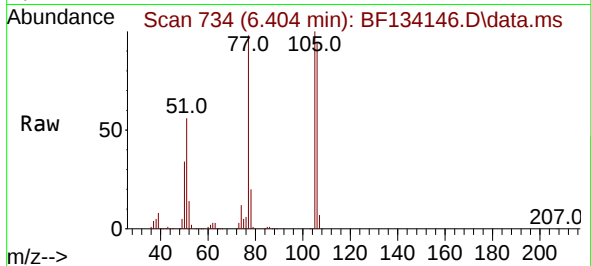
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

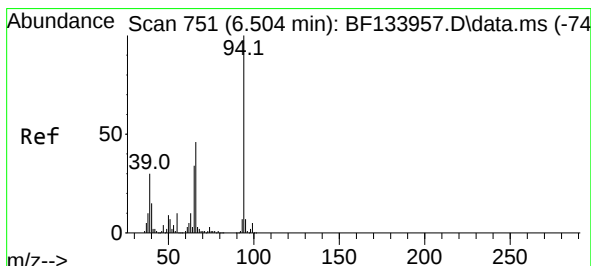
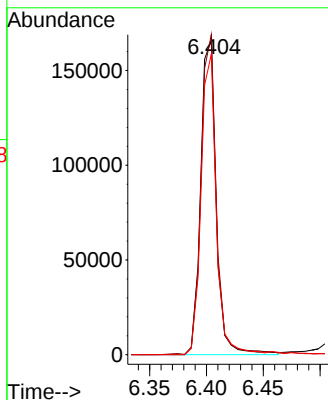
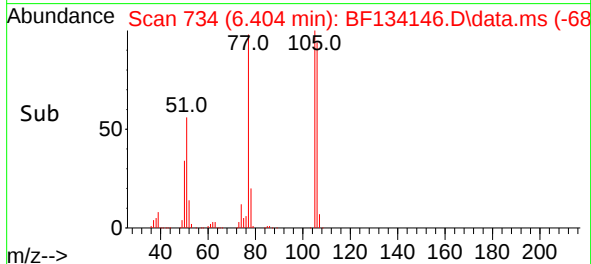


Tgt Ion:	77	Resp:	15789
Ion	Ratio	Lower	Upper
77	100		
105	101.7	82.0	122.0
106	95.5	76.9	116.9

Manual Integrations
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#10

Phenol

Concen: 39.224 ng

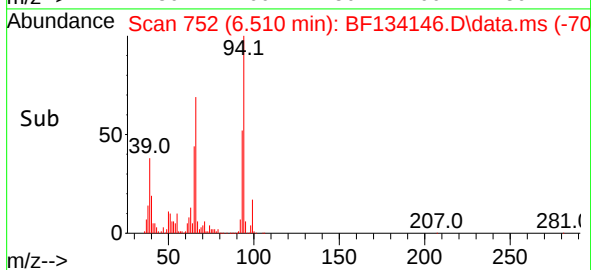
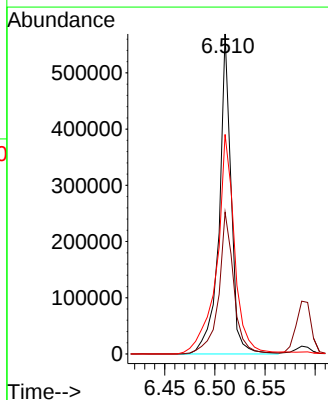
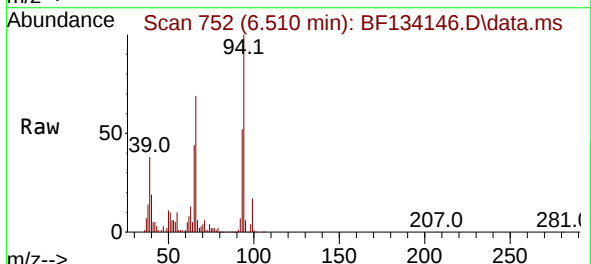
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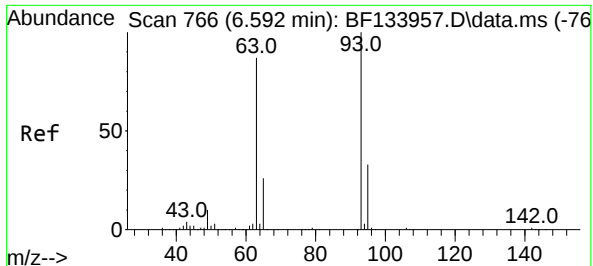
Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

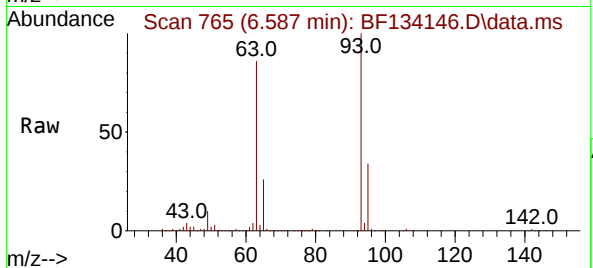
Tgt Ion:	94	Resp:	471071
Ion	Ratio	Lower	Upper
94	100		
65	44.3	14.2	54.2
66	68.6	26.4	66.4





#11
bis(2-Chloroethyl)ether
Concen: 41.996 ng
RT: 6.587 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

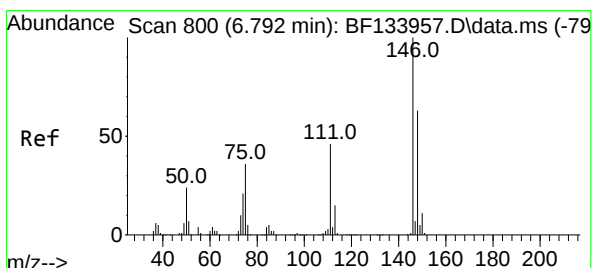
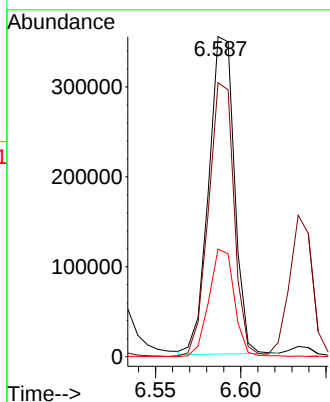
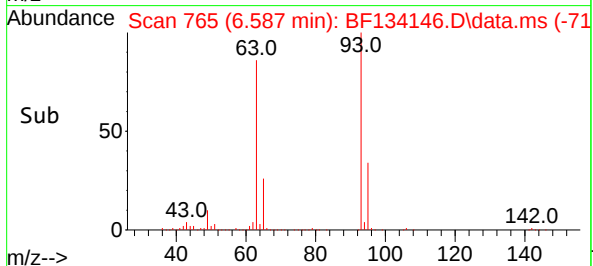
Instrument :
BNA_F
ClientSampleId :
PB153791BS



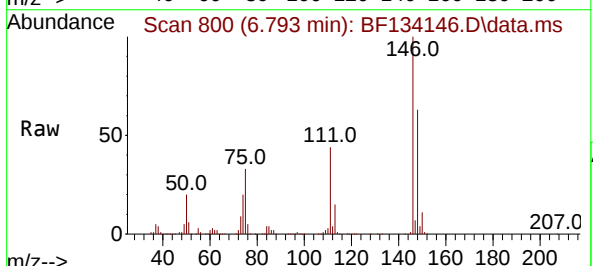
Tgt Ion: 93 Resp: 371319
Ion Ratio Lower Upper
93 100
63 85.6 66.5 106.5
95 33.6 12.9 52.9

Manual Integrations
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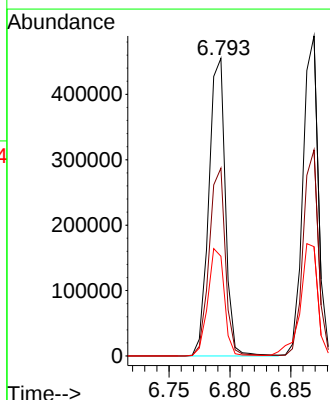
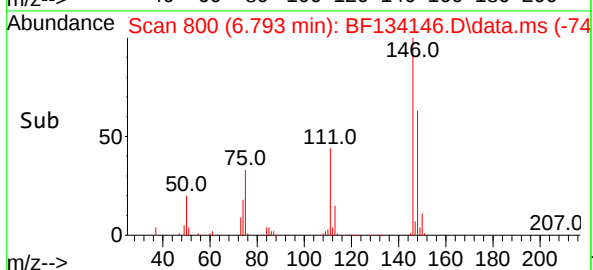
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

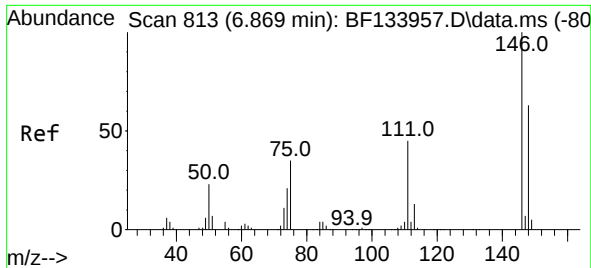


#12
1,3-Dichlorobenzene
Concen: 42.677 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



Tgt Ion:146 Resp: 428980
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 33.5 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 42.894 ng

RT: 6.869 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

Tgt Ion:146 Resp: 435490

Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

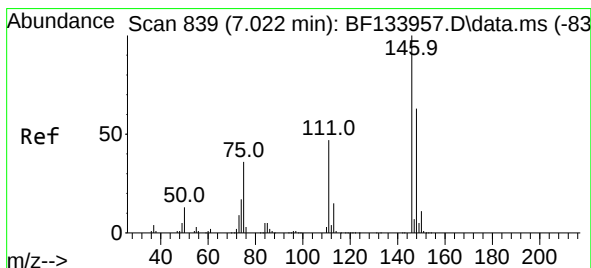
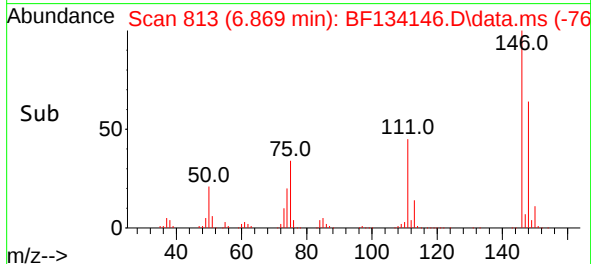
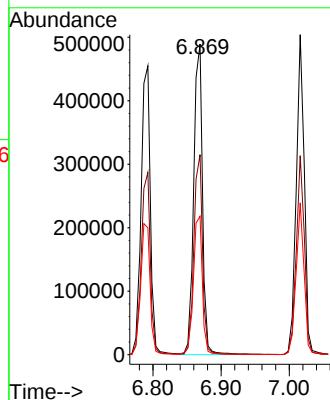
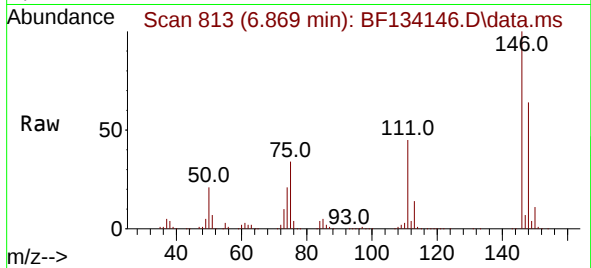
111 44.6 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#14

1,2-Dichlorobenzene

Concen: 43.867 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

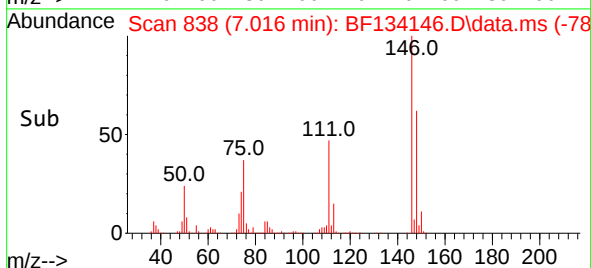
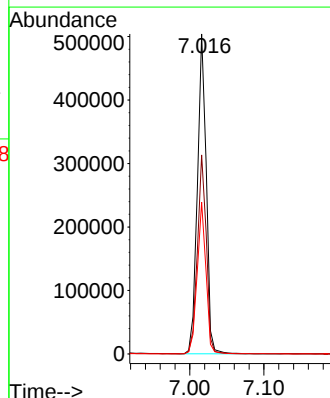
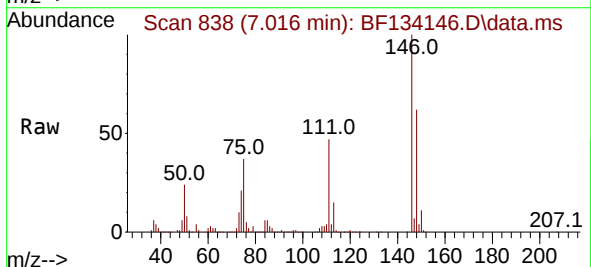
Tgt Ion:146 Resp: 417110

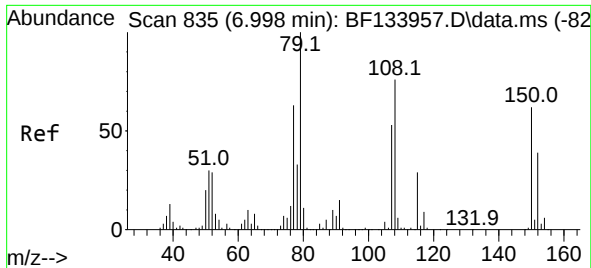
Ion Ratio Lower Upper

146 100

148 62.2 50.6 76.0

111 47.5 38.0 57.0





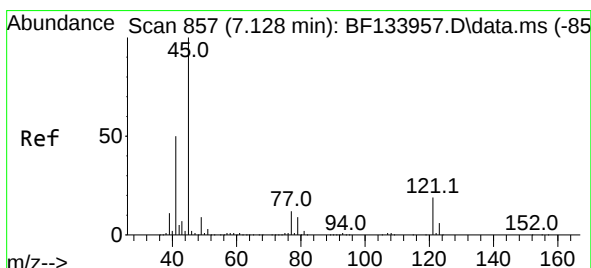
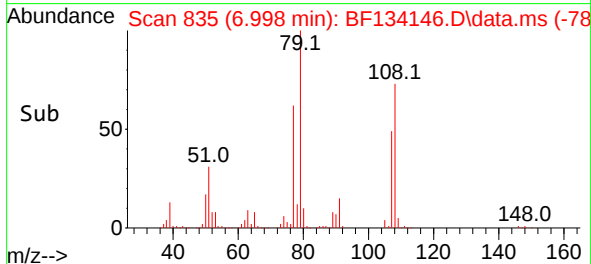
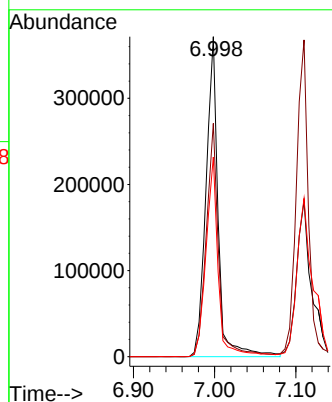
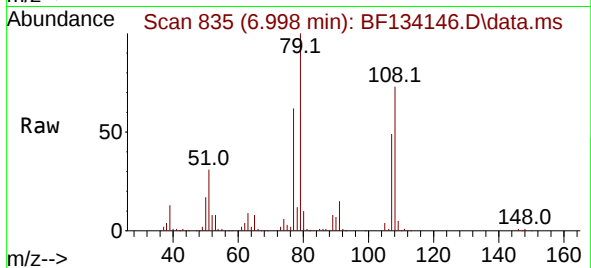
#15
Benzyl Alcohol
Concen: 43.863 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :
BNA_F
ClientSampleId :
PB153791BS

Tgt Ion: 79 Resp: 38623
Ion Ratio Lower Upper
79 100
108 72.9 60.7 91.1
77 62.4 50.6 75.8

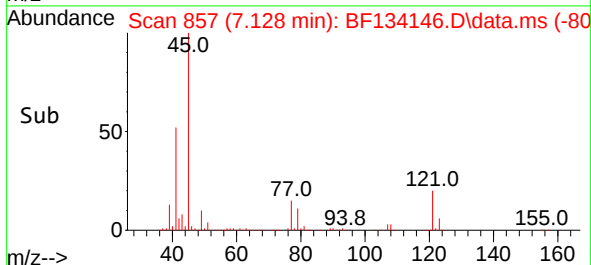
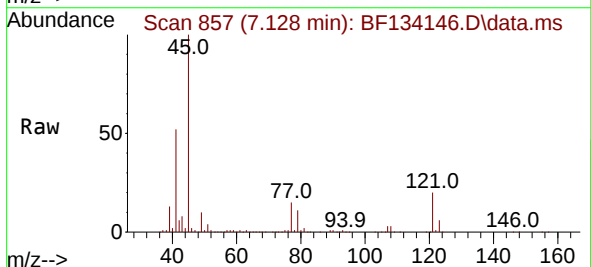
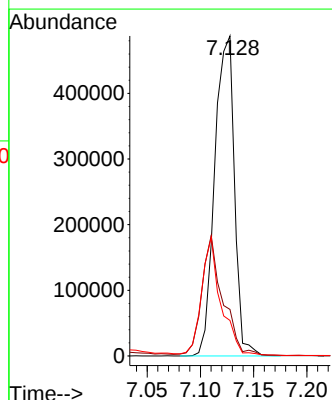
Manual Integrations
APPROVED

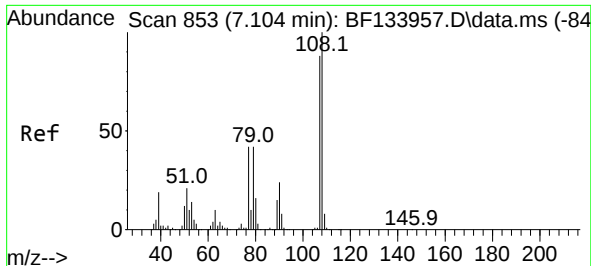
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.097 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion: 45 Resp: 627212
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.9
79 11.1 0.0 29.5





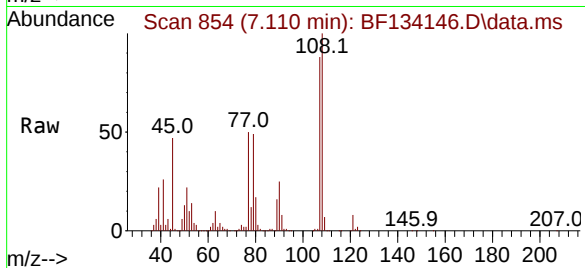
#17
2-Methylphenol
Concen: 39.755 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

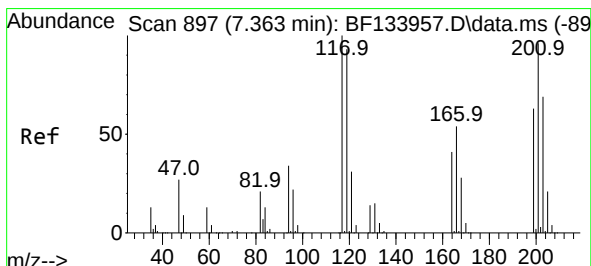
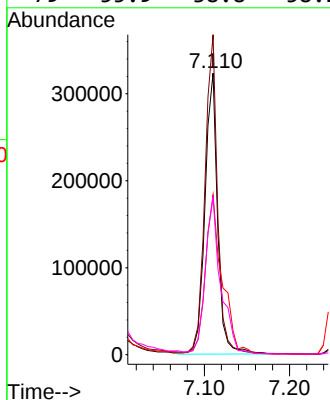
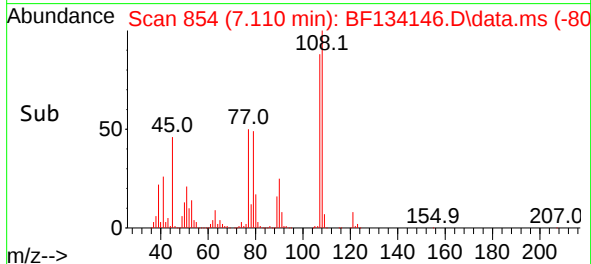


Tgt Ion:107 Resp: 335652
Ion Ratio Lower Upper
107 100
108 113.7 90.6 136.0
77 56.8 38.3 57.5
79 55.9 38.8 58.2

Manual Integrations

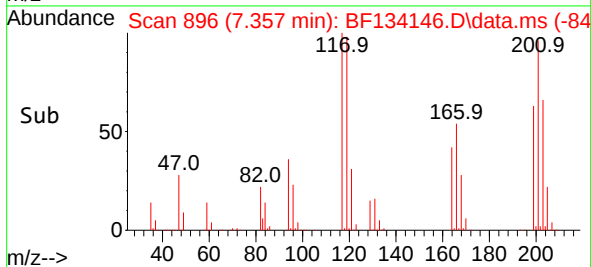
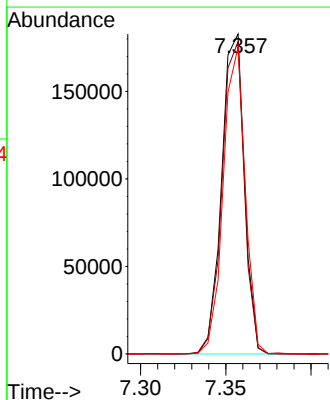
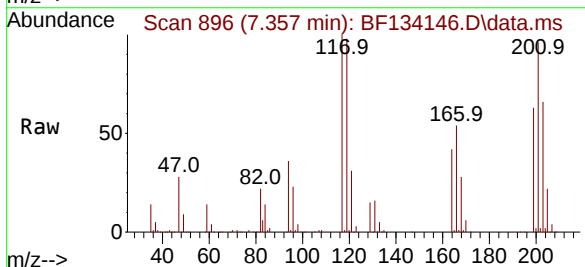
APPROVED

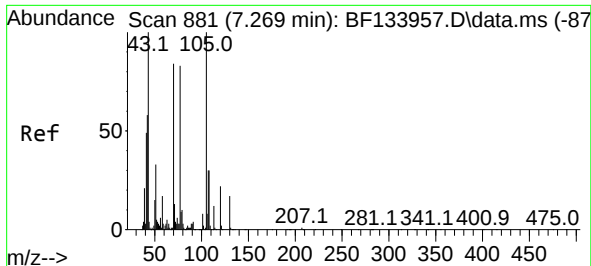
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#18
Hexachloroethane
Concen: 45.091 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:117 Resp: 169748
Ion Ratio Lower Upper
117 100
119 97.6 74.2 111.4
201 96.0 77.2 115.8





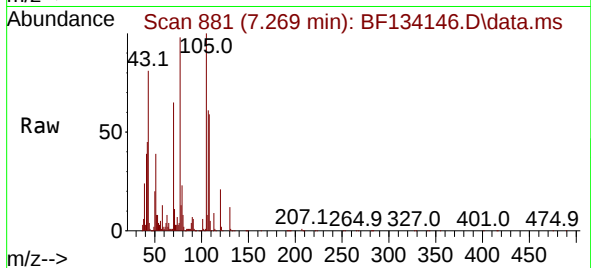
#19
n-Nitroso-di-n-propylamine
Concen: 41.429 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS



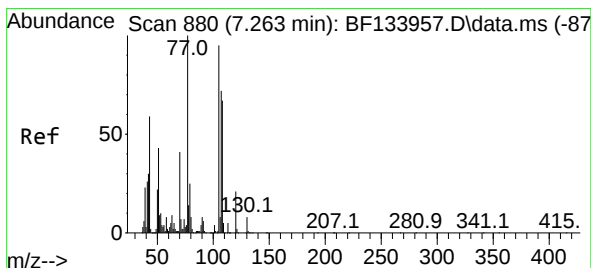
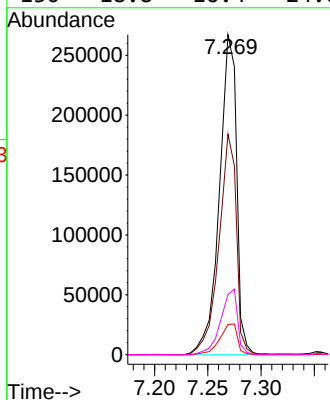
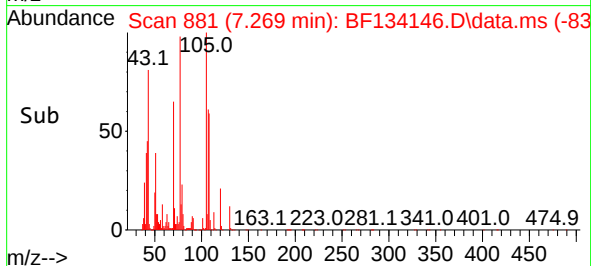
Tgt Ion: 70 Resp: 300100
Ion Ratio Lower Upper
70 100
42 68.9 54.7 82.1
101 9.4 7.7 11.5
130 18.8 16.4 24.6

Manual Integrations

APPROVED

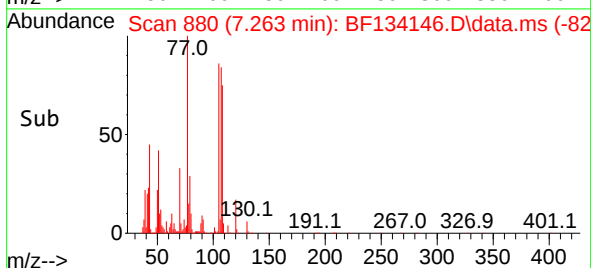
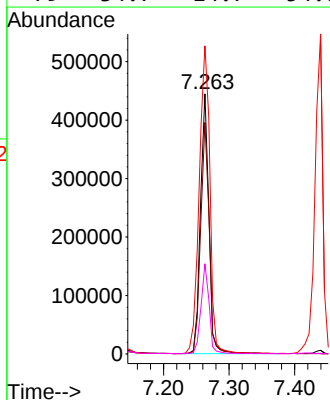
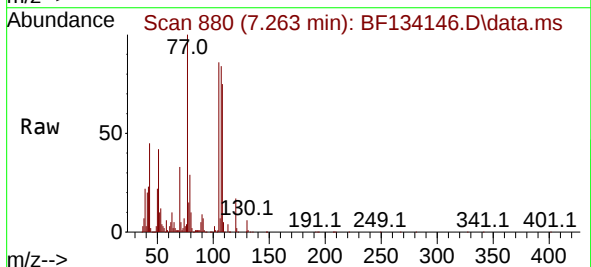
Reviewed By :Yogesh Patel 07/09/2023

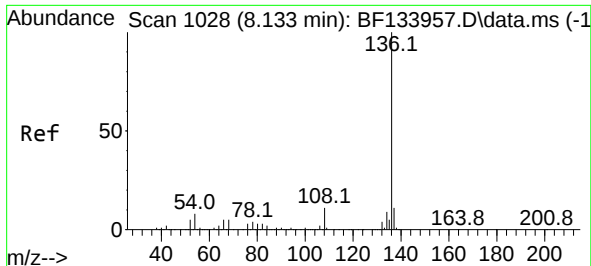
Supervised By :mohammad ahmed 07/09/2023



#20
3+4-Methylphenols
Concen: 39.110 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:107 Resp: 400593
Ion Ratio Lower Upper
107 100
108 88.9 73.2 113.2
77 118.4 118.3 158.3
79 34.7 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: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

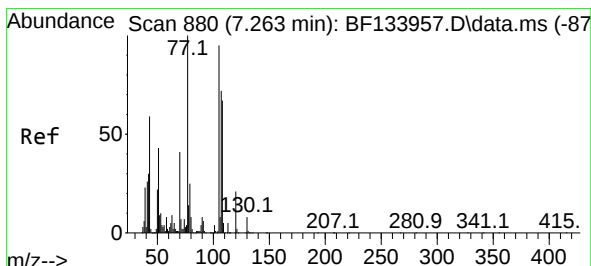
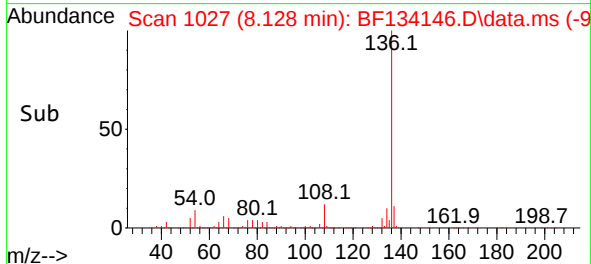
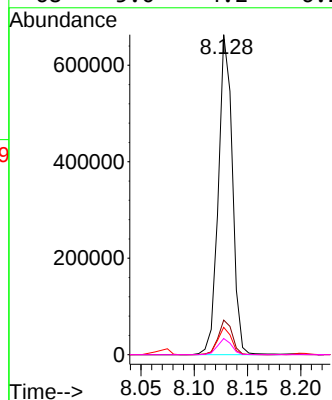
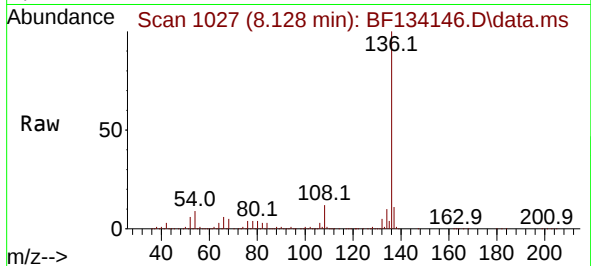
ClientSampleId :

PB153791BS

Tgt Ion:136 Resp: 60865
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.6 6.5 9.7
68 5.0 4.2 6.2

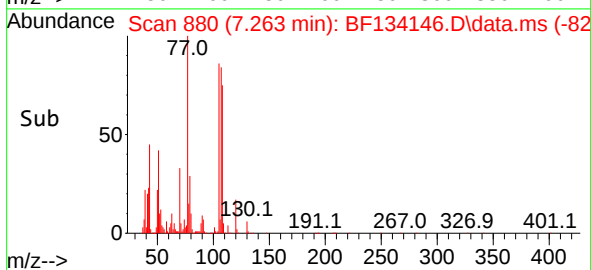
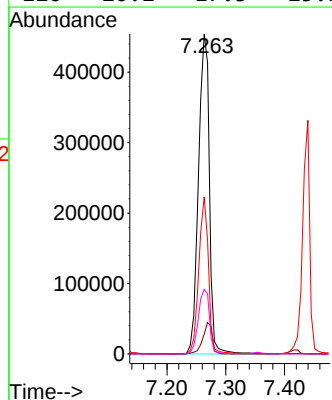
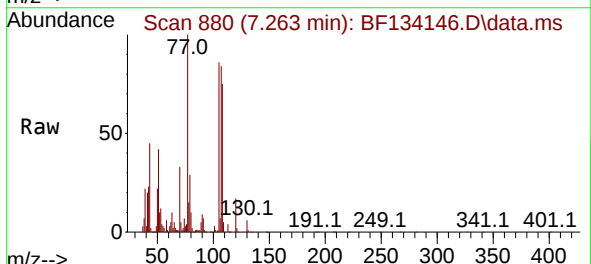
Manual Integrations
APPROVED

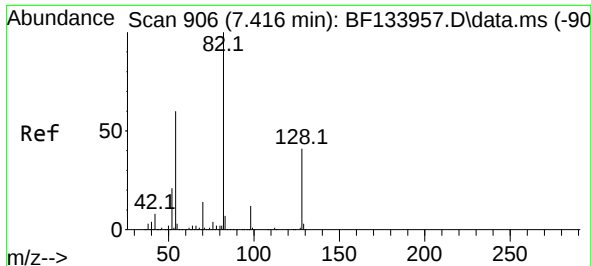
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#22
Acetophenone
Concen: 42.209 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:105 Resp: 584275
Ion Ratio Lower Upper
105 100
71 6.2 5.5 8.3
51 49.0 36.5 54.7
120 20.2 17.3 25.9





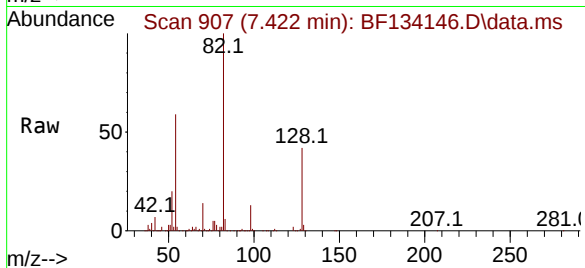
#23
Nitrobenzene-d5
Concen: 78.715 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

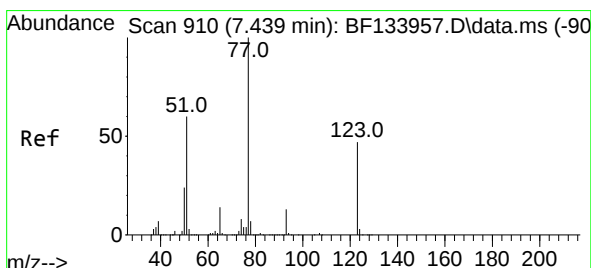
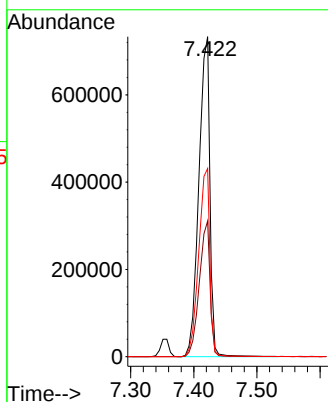
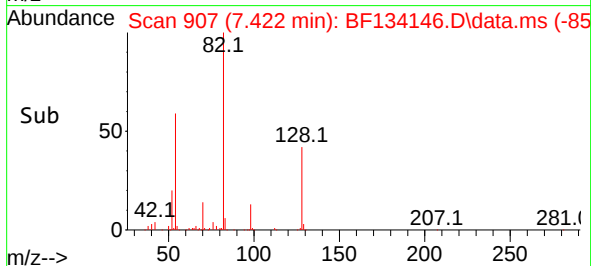
PB153791BS



Tgt Ion: 82 Resp: 888789
Ion Ratio Lower Upper
82 100
128 42.4 32.5 48.7
54 58.8 48.2 72.2

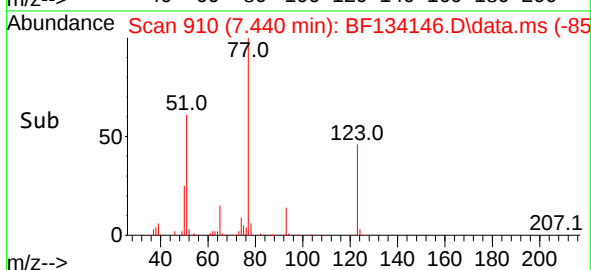
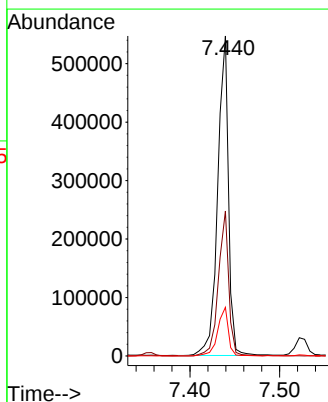
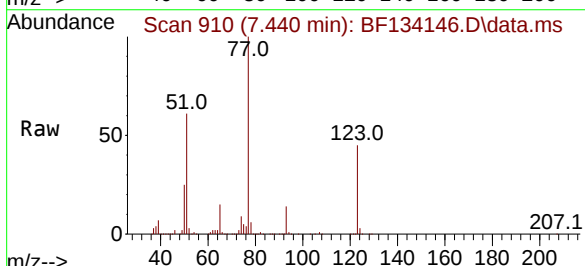
Manual Integrations
APPROVED

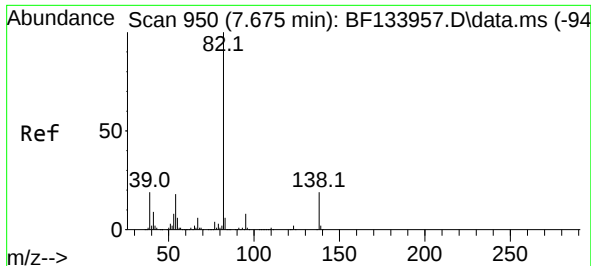
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#24
Nitrobenzene
Concen: 39.954 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

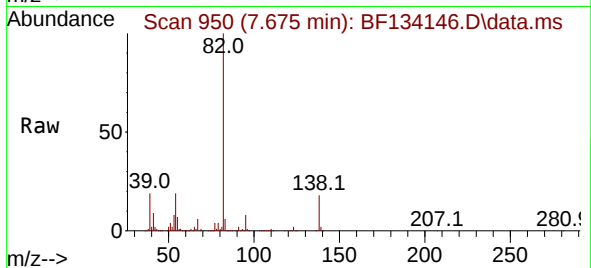
Tgt Ion: 77 Resp: 455876
Ion Ratio Lower Upper
77 100
123 45.3 37.8 56.6
65 15.2 11.3 16.9





#25
Isophorone
Concen: 40.471 ng
RT: 7.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

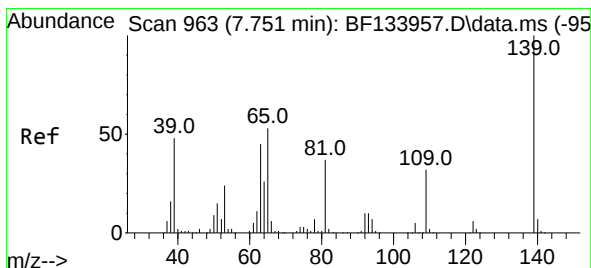
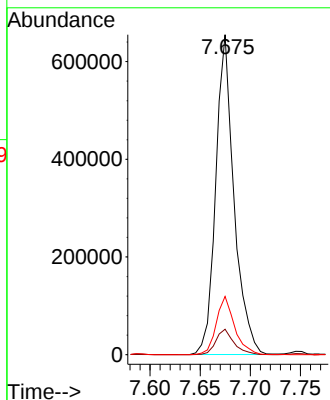
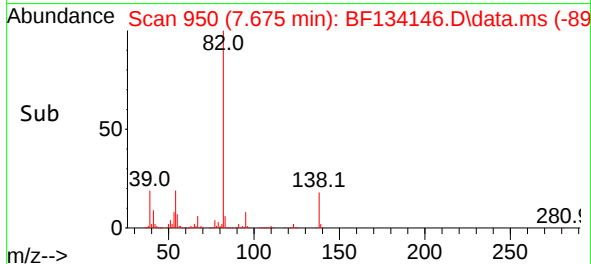
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion: 82 Resp: 83049
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.2 15.2 22.8

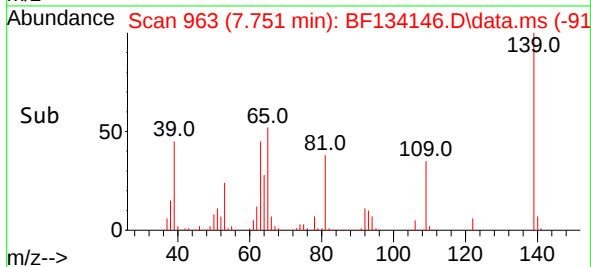
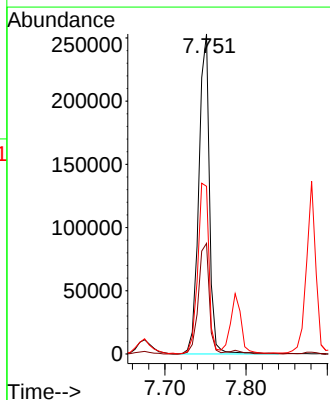
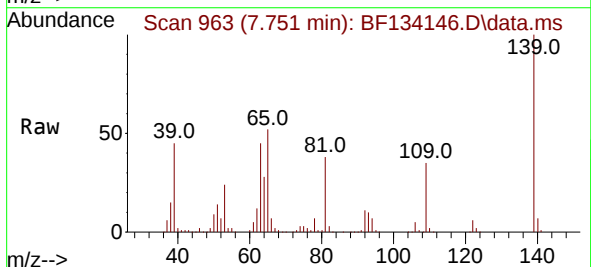
Manual Integrations
APPROVED

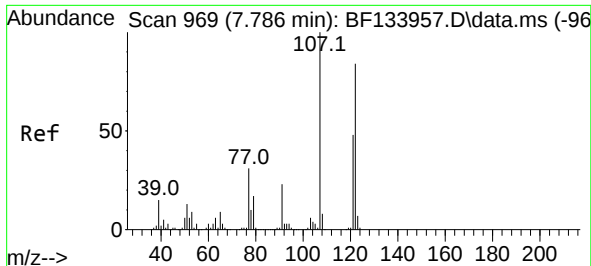
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#26
2-Nitrophenol
Concen: 42.250 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:139 Resp: 231261
Ion Ratio Lower Upper
139 100
109 34.5 25.8 38.8
65 52.4 42.4 63.6





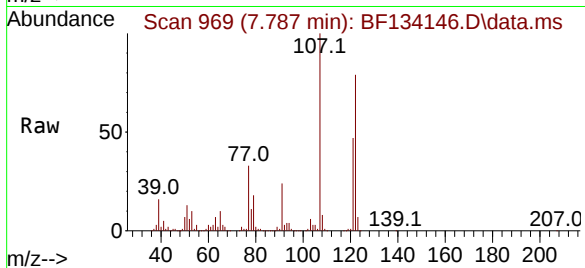
#27
2,4-Dimethylphenol
Concen: 41.356 ng
RT: 7.787 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS



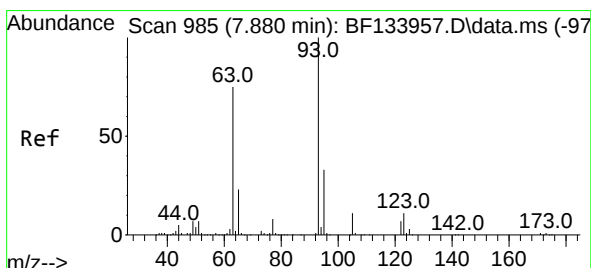
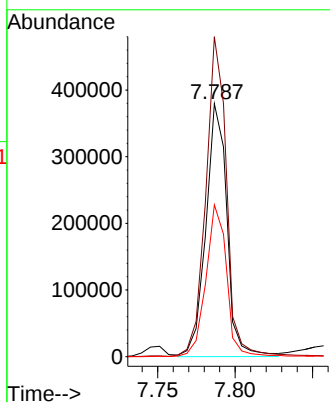
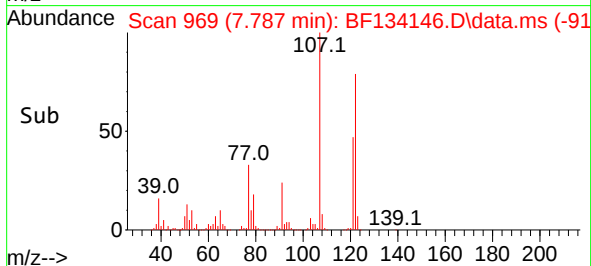
Tgt Ion:122 Resp: 358318
Ion Ratio Lower Upper
122 100
107 126.5 95.5 143.3
121 60.0 45.5 68.3

Manual Integrations

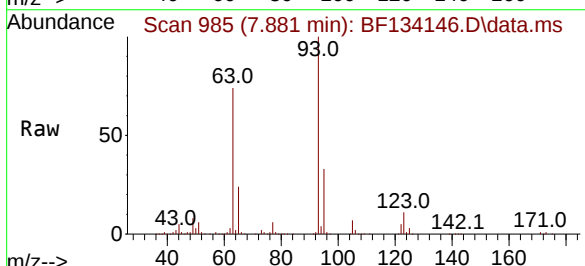
APPROVED

Reviewed By :Yogesh Patel 07/09/2023

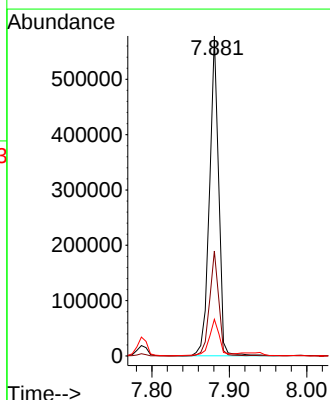
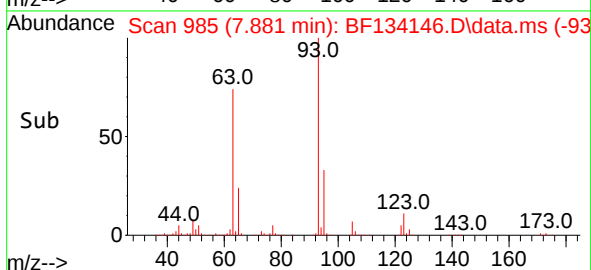
Supervised By :mohammad ahmed 07/09/2023

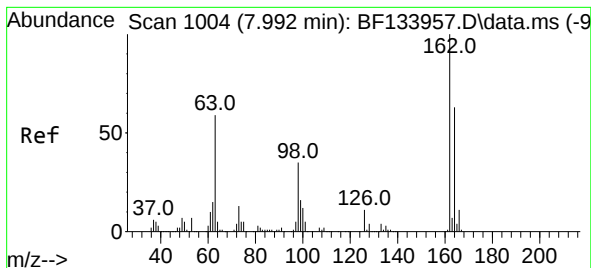


#28
bis(2-Chloroethoxy)methane
Concen: 40.028 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



Tgt Ion: 93 Resp: 475622
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.230 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

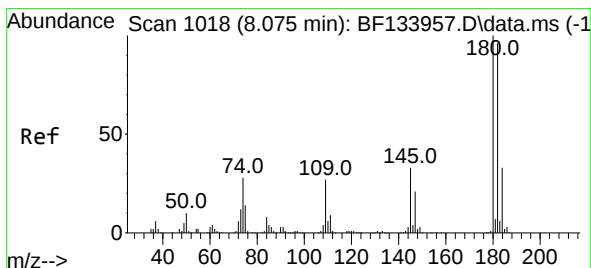
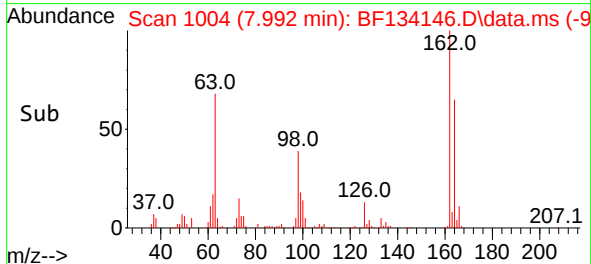
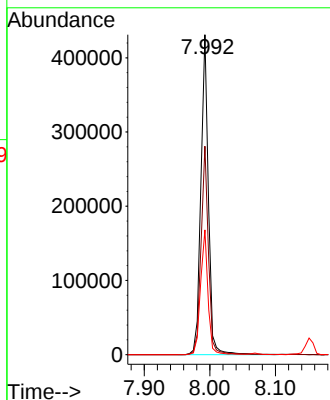
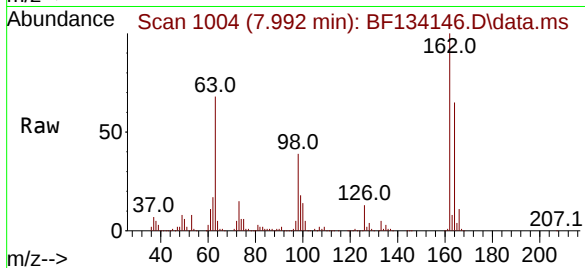
PB153791BS

Tgt Ion:162 Resp: 345644
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.2 83.2
 98 39.0 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.873 ng

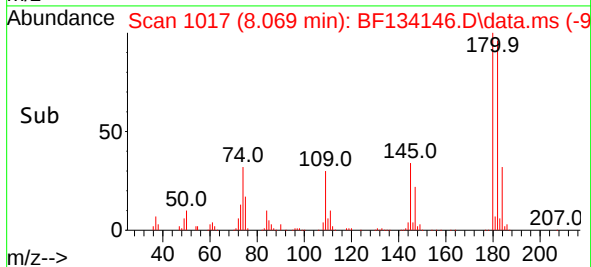
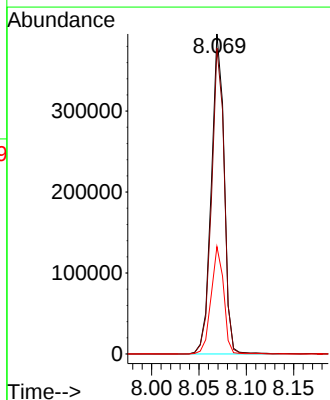
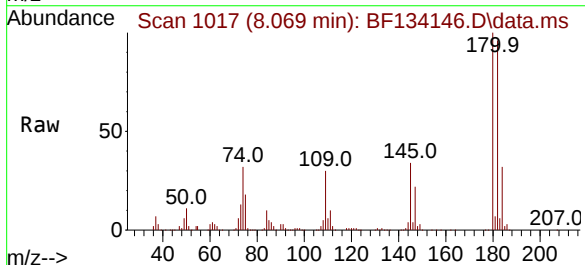
RT: 8.069 min Scan# 1017

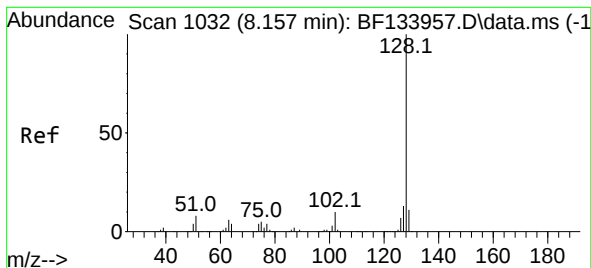
Delta R.T. -0.006 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Tgt Ion:180 Resp: 371208
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.1 115.7
 145 33.5 26.0 39.0





#31

Naphthalene

Concen: 39.193 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

Tgt Ion:128 Resp: 115225

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

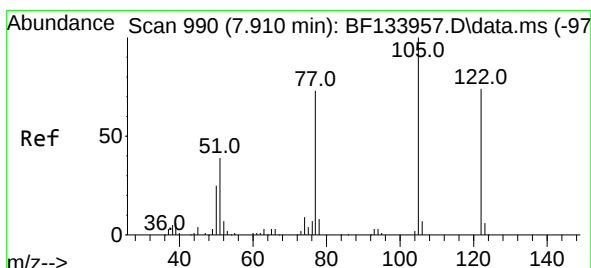
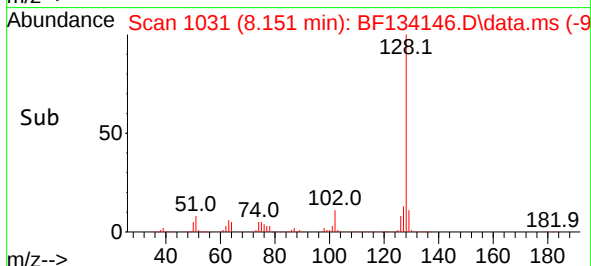
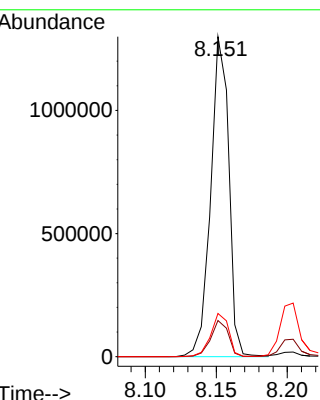
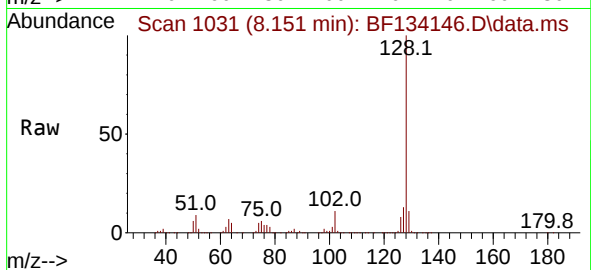
127 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#32

Benzoic acid

Concen: 43.316 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.024 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

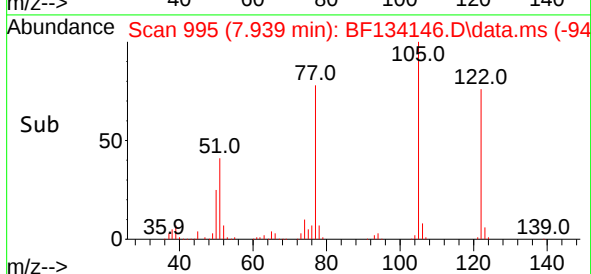
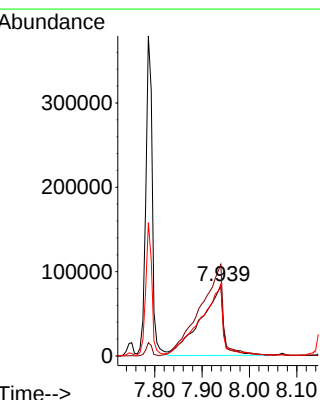
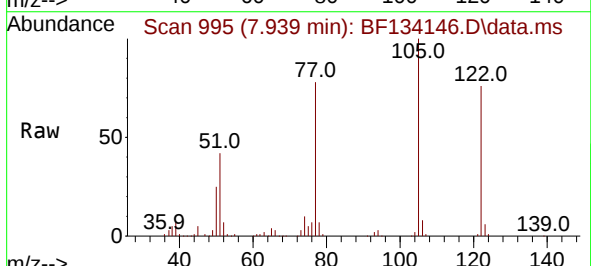
Tgt Ion:122 Resp: 281224

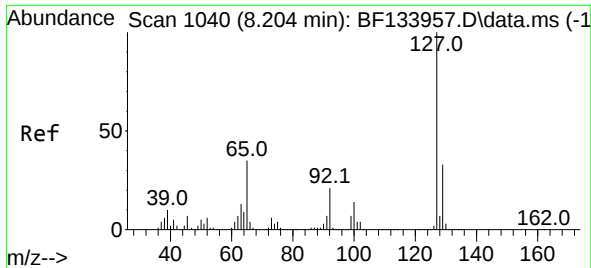
Ion Ratio Lower Upper

122 100

105 131.3 109.7 149.7

77 103.0 76.0 116.0





#33
4-Chloroaniline
Concen: 18.361 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

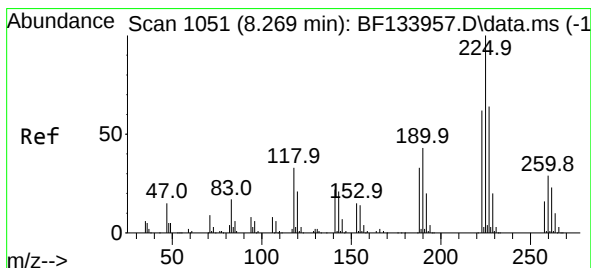
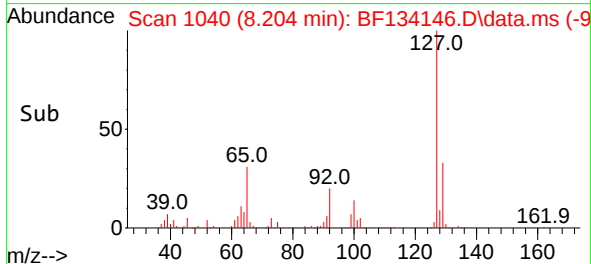
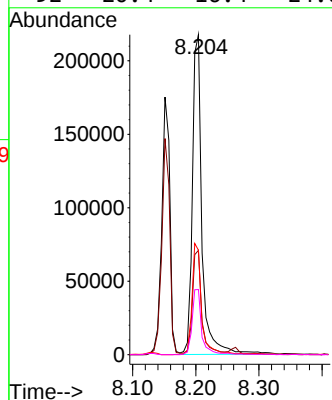
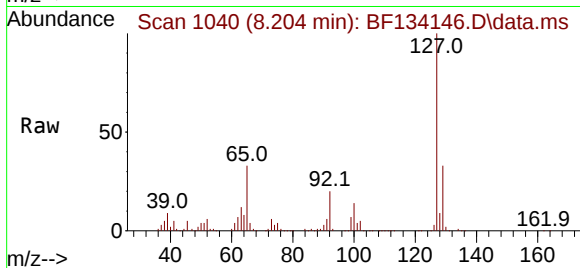
ClientSampleId :

PB153791BS

Tgt Ion:127 Resp: 230910
Ion Ratio Lower Upper
127 100
129 32.6 26.4 39.6
65 32.6 27.8 41.8
92 20.4 16.4 24.6

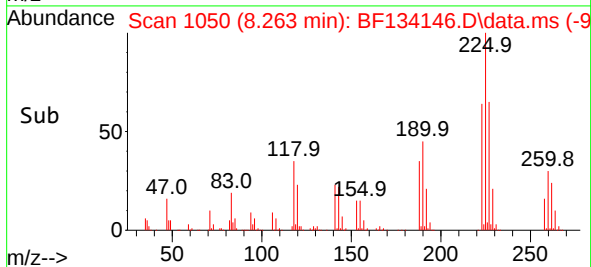
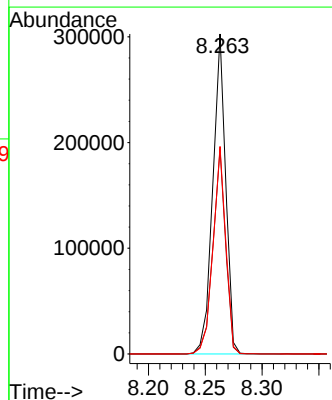
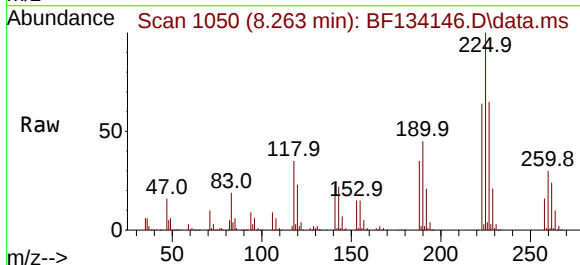
Manual Integrations
APPROVED

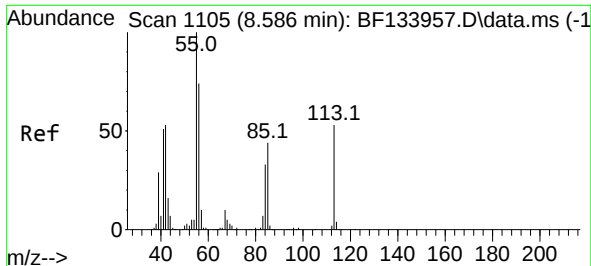
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#34
Hexachlorobutadiene
Concen: 42.645 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

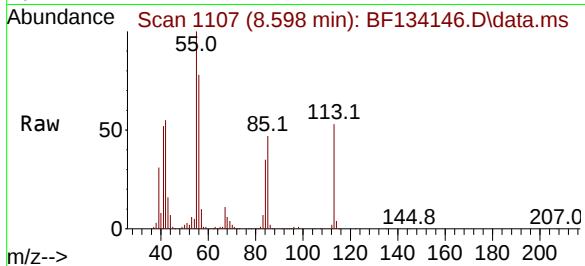
Tgt Ion:225 Resp: 238481
Ion Ratio Lower Upper
225 100
223 64.0 49.8 74.8
227 64.9 51.0 76.4





#35
Caprolactam
Concen: 39.010 ng m
RT: 8.598 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

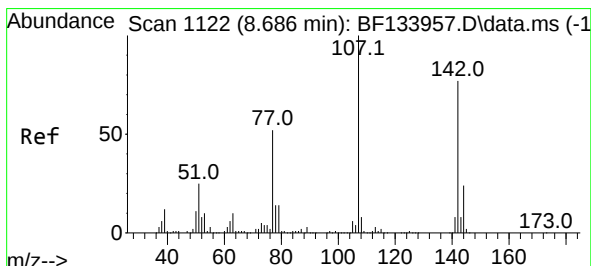
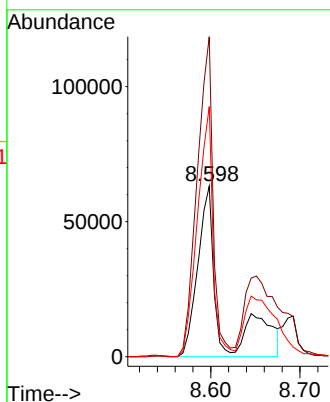
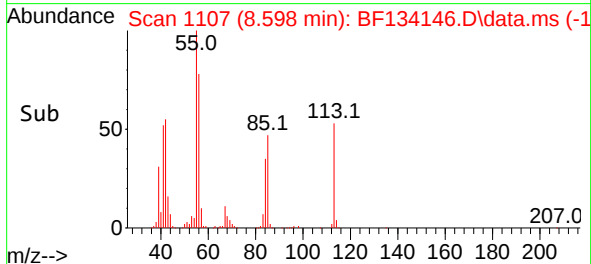
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:113 Resp: 110354
Ion Ratio Lower Upper
113 100
55 187.6 170.2 210.2
56 146.6 121.4 161.4

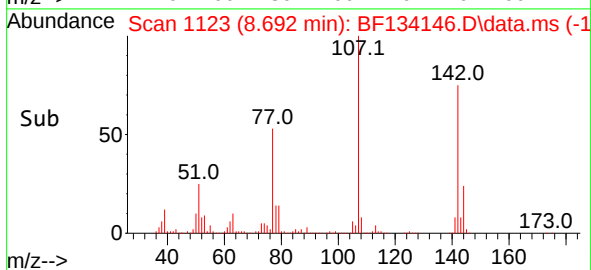
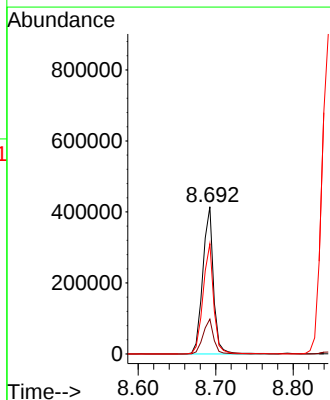
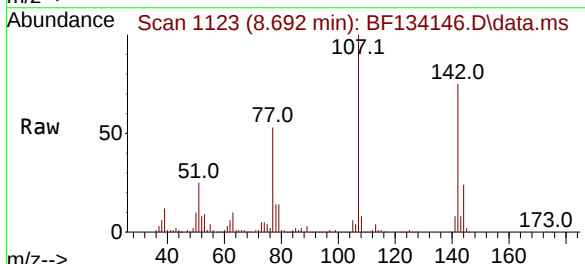
Manual Integrations
APPROVED

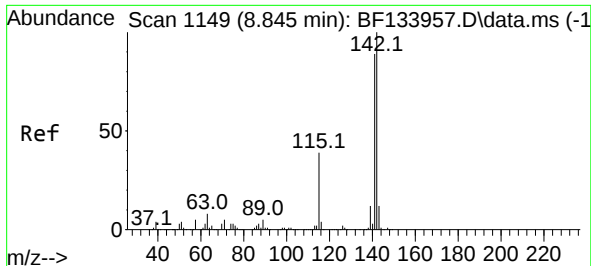
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#36
4-Chloro-3-methylphenol
Concen: 41.364 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:107 Resp: 399233
Ion Ratio Lower Upper
107 100
144 23.7 19.6 29.4
142 74.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 37.801 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

Tgt Ion:142 Resp: 785890

Ion Ratio Lower Upper

142 100

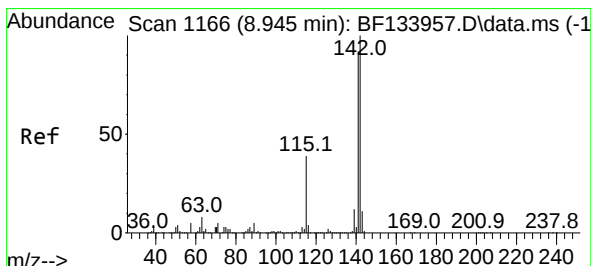
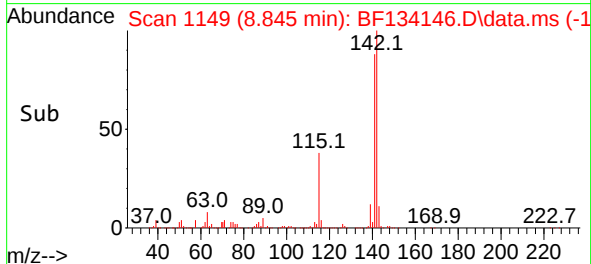
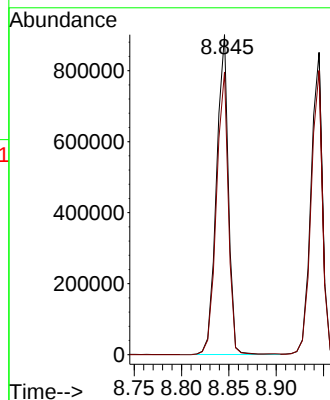
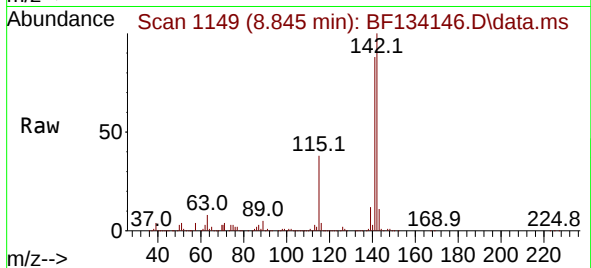
141 88.3 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#38

1-Methylnaphthalene

Concen: 37.259 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF134146.D

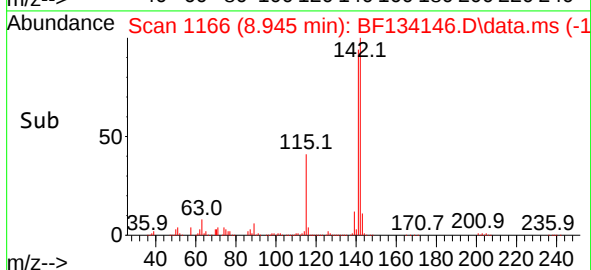
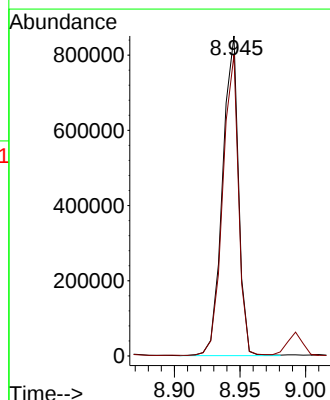
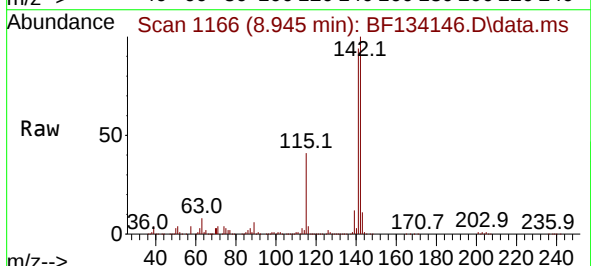
Acq: 08 Jul 2023 13:45

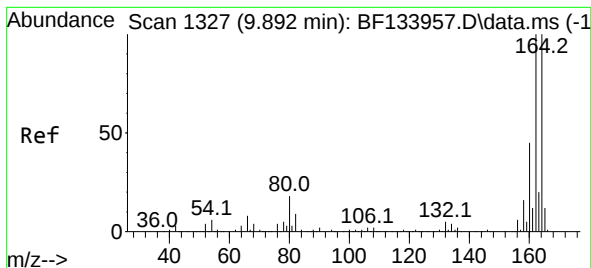
Tgt Ion:142 Resp: 720132

Ion Ratio Lower Upper

142 100

141 94.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF134146.D

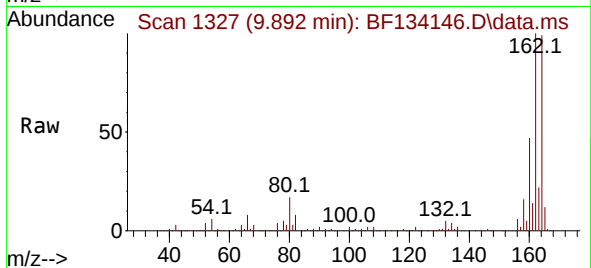
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS



Tgt Ion:164 Resp: 31536

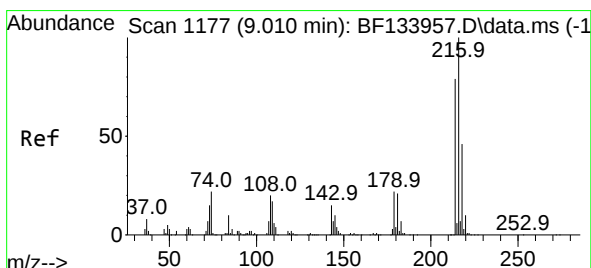
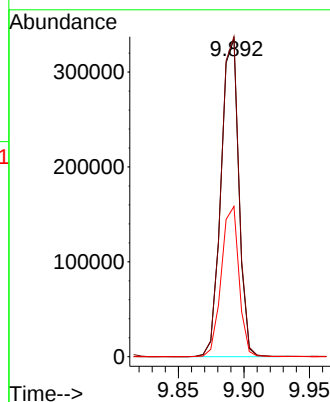
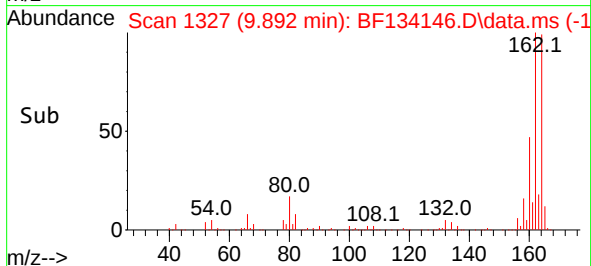
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.0	120.0
160	47.3	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.402 ng

RT: 9.010 min Scan# 1177

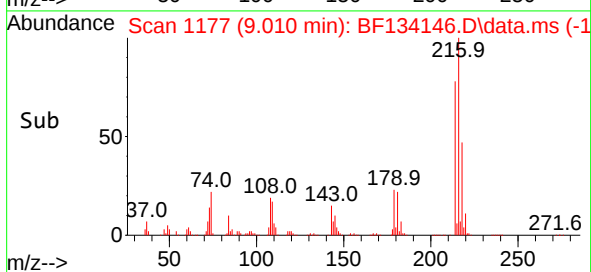
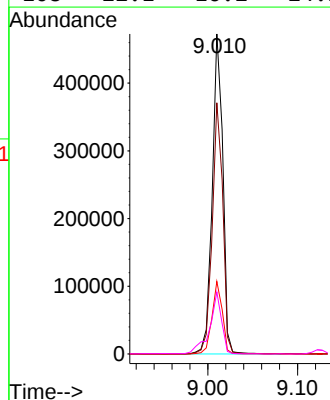
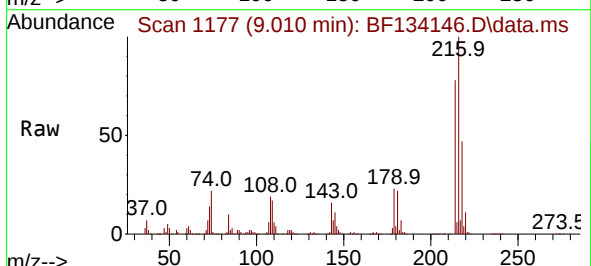
Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Tgt Ion:216 Resp: 386826

Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.1	96.1
179	22.2	17.3	25.9
108	22.1	16.2	24.2





#41
Hexachlorocyclopentadiene
Concen: 90.080 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

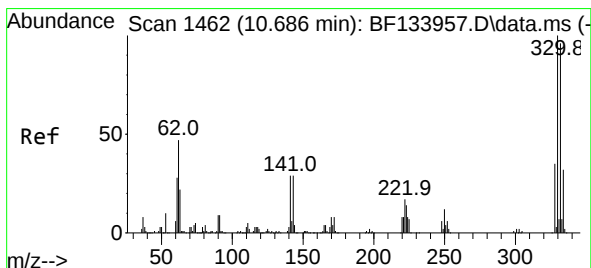
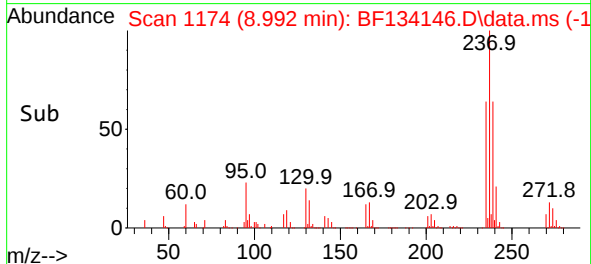
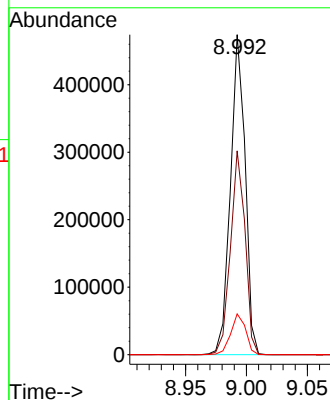
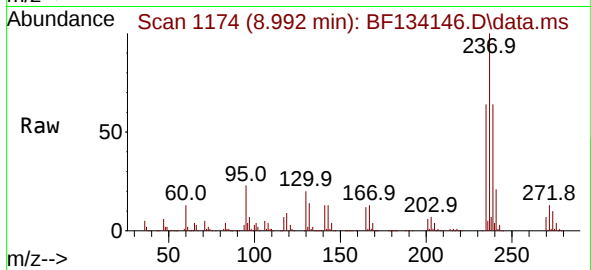
PB153791BS

Tgt Ion:237 Resp: 399289
Ion Ratio Lower Upper
237 100
235 63.7 42.8 82.8
272 12.7 0.0 34.6

Manual Integrations

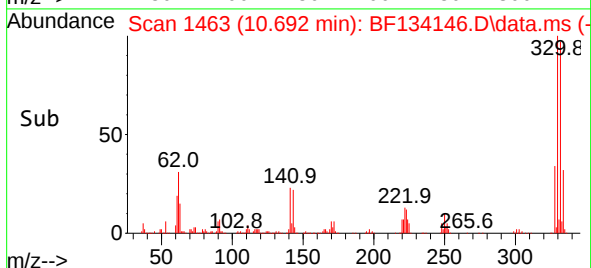
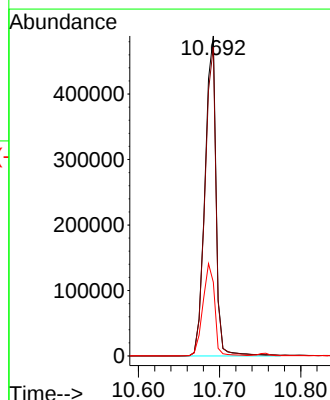
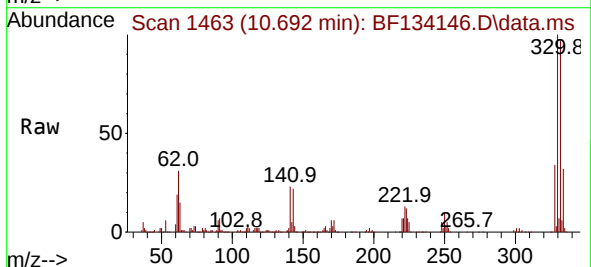
APPROVED

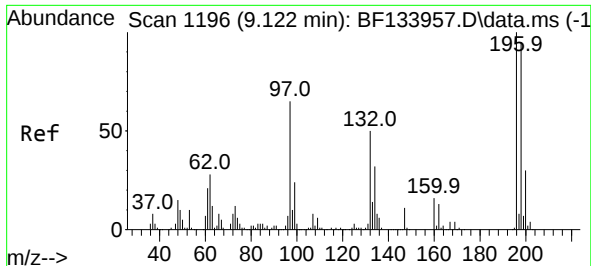
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#42
2,4,6-Tribromophenol
Concen: 117.112 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:330 Resp: 463070
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 30.7 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.104 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

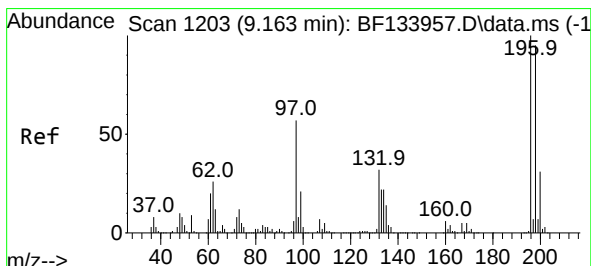
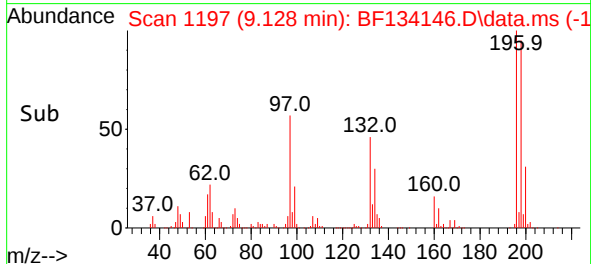
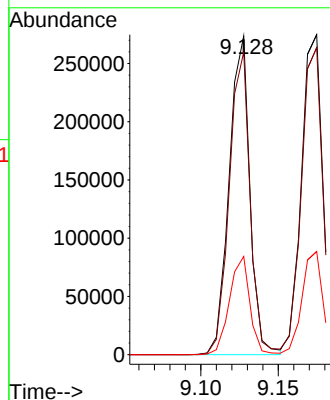
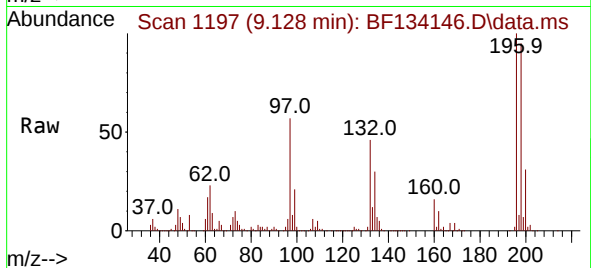
Tgt Ion:196 Resp: 255078
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.6 113.4
 200 30.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#44

2,4,5-Trichlorophenol

Concen: 36.813 ng

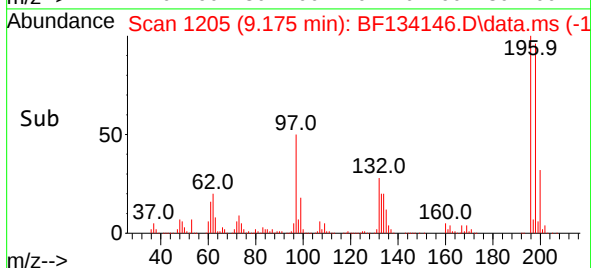
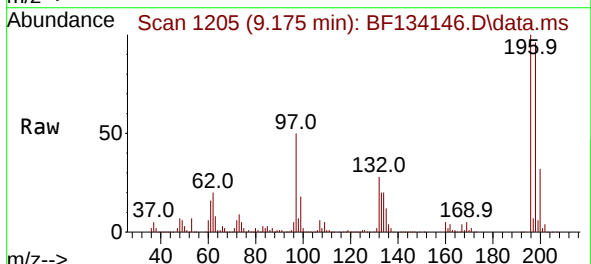
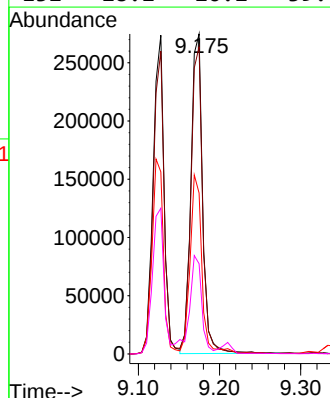
RT: 9.175 min Scan# 1205

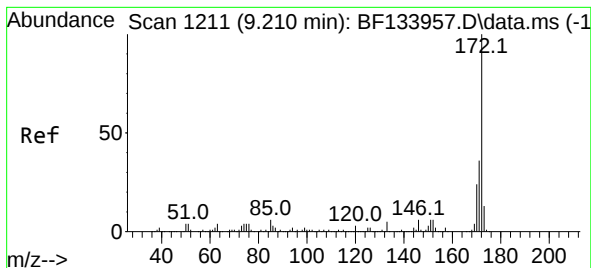
Delta R.T. 0.006 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Tgt Ion:196 Resp: 275415
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 97 50.3 45.8 68.6
 132 28.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 74.582 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF134146.D

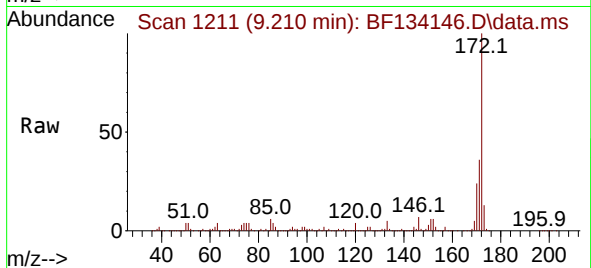
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS



Tgt Ion:172 Resp: 1617780

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

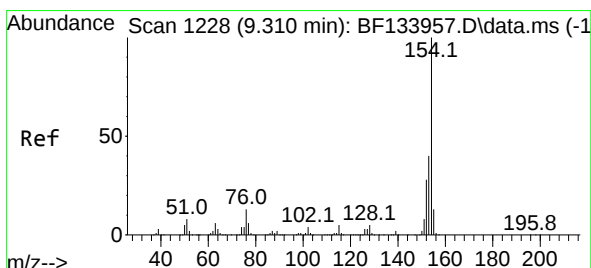
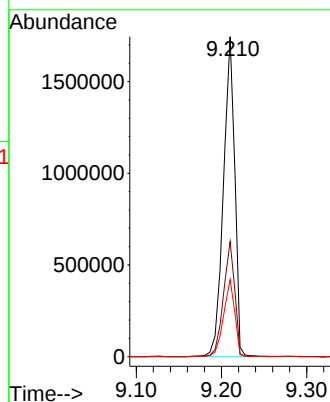
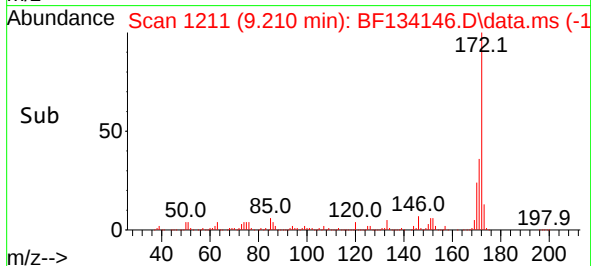
170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#46

1,1'-Biphenyl

Concen: 39.679 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

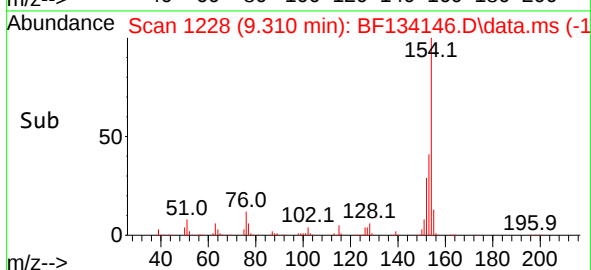
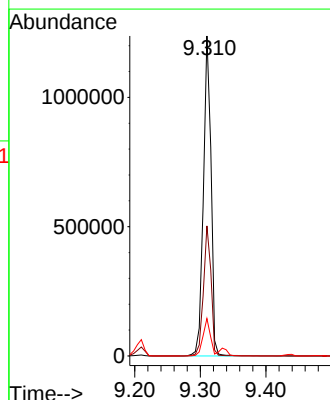
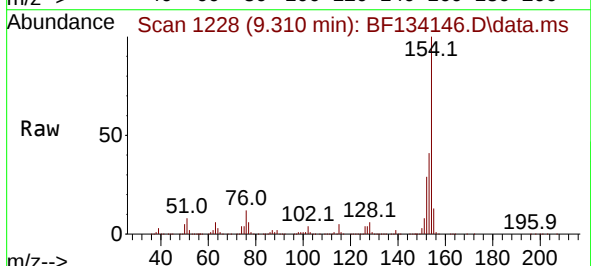
Tgt Ion:154 Resp: 1003793

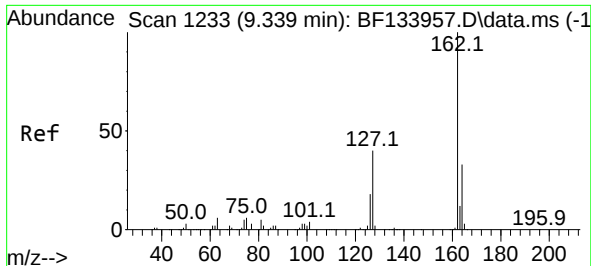
Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

76 11.7 0.0 32.9





#47
2-Chloronaphthalene
Concen: 39.746 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

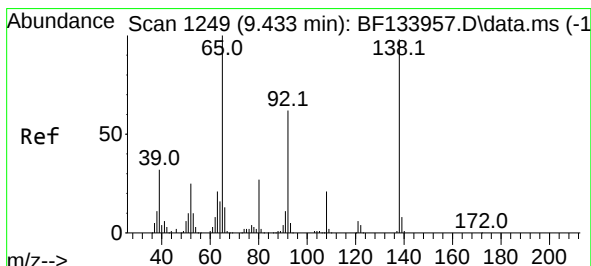
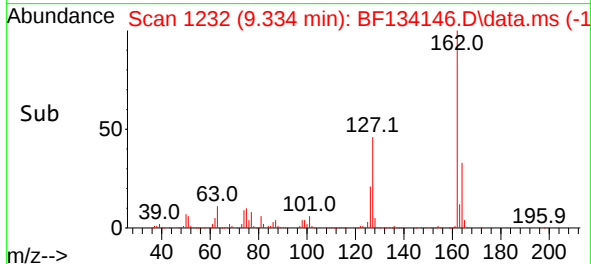
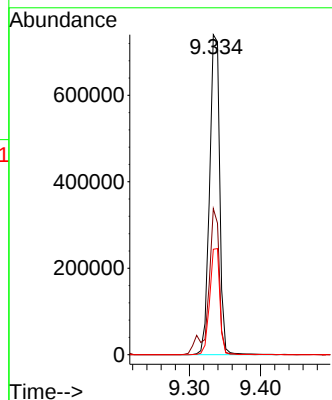
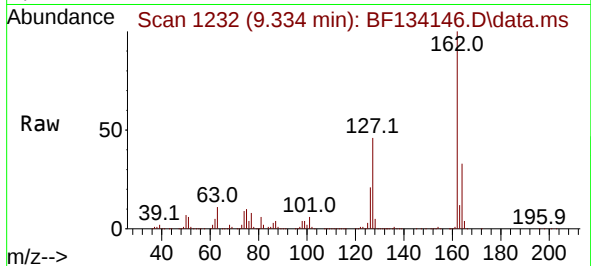
ClientSampleId :

PB153791BS

Tgt Ion:162 Resp: 73567
Ion Ratio Lower Upper
162 100
127 45.7 32.9 49.3
164 32.9 26.1 39.1

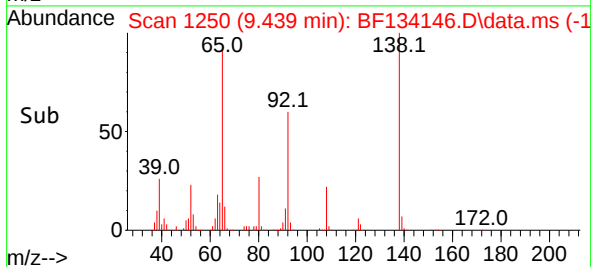
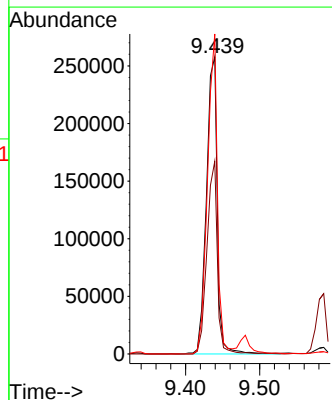
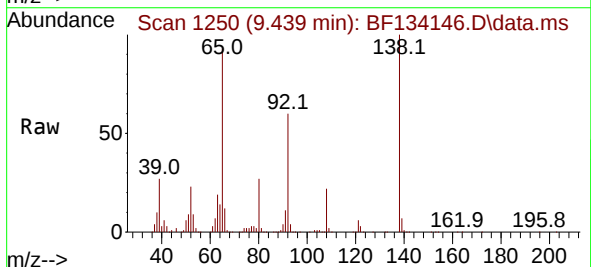
Manual Integrations
APPROVED

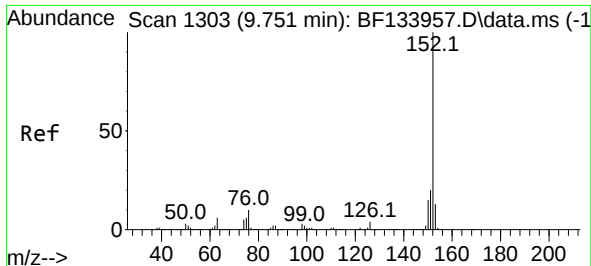
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#48
2-Nitroaniline
Concen: 38.917 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion: 65 Resp: 262519
Ion Ratio Lower Upper
65 100
92 64.9 49.5 74.3
138 107.7 78.0 117.0





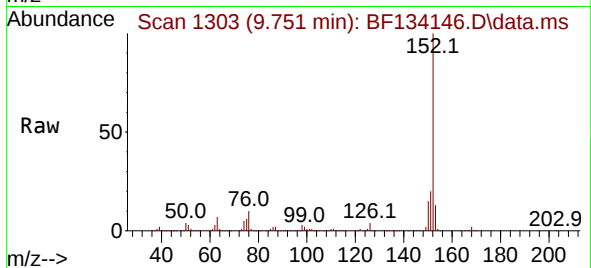
#49
Acenaphthylene
Concen: 37.892 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

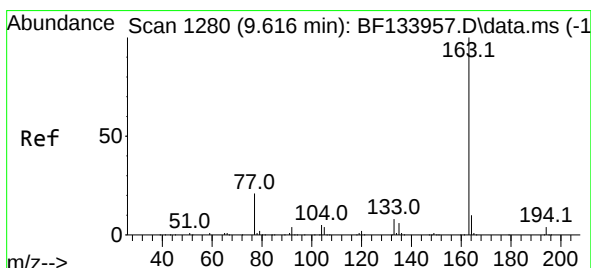
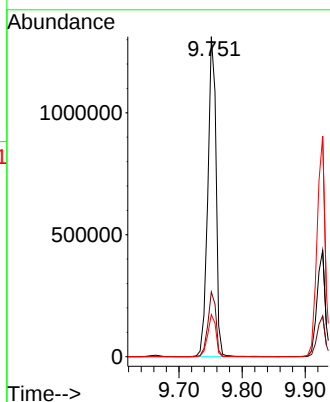
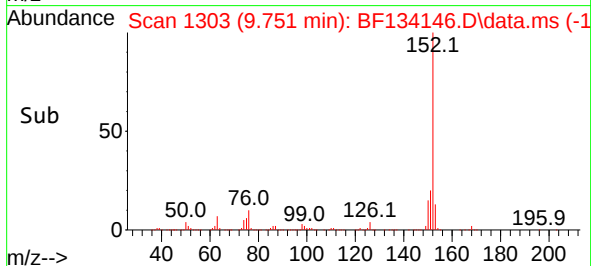
PB153791BS



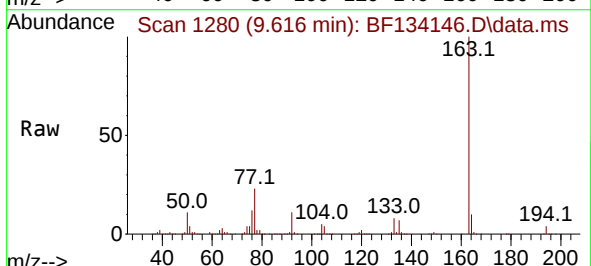
Tgt Ion:152 Resp: 1198079
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.1 10.8 16.2

Manual Integrations
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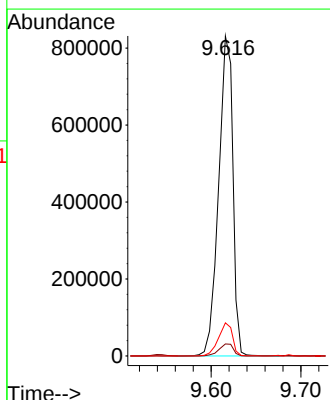
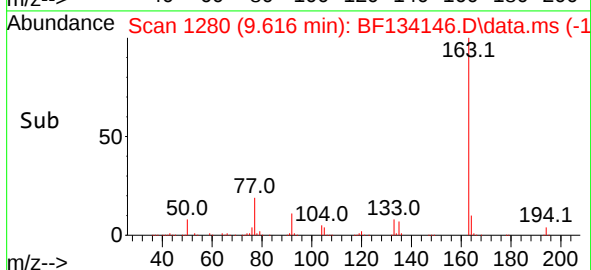
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

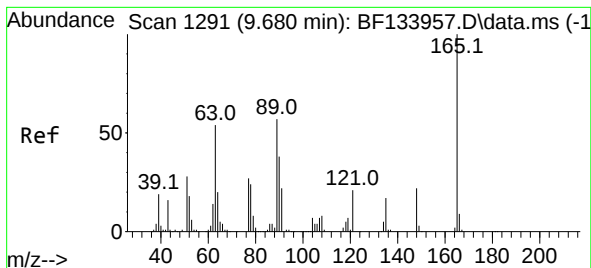


#50
Dimethylphthalate
Concen: 40.002 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



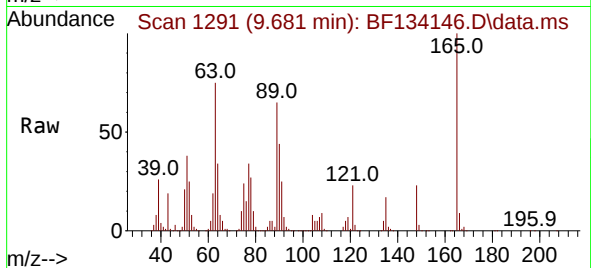
Tgt Ion:163 Resp: 915740
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.062 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

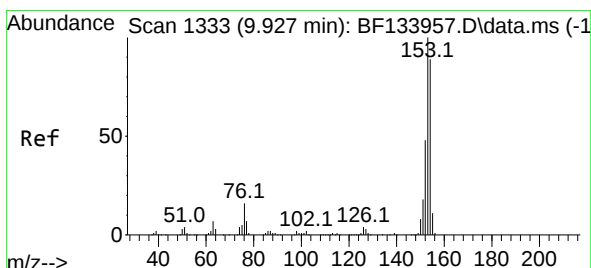
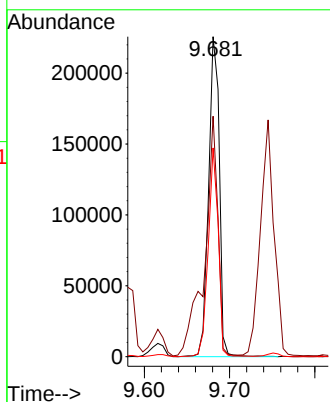
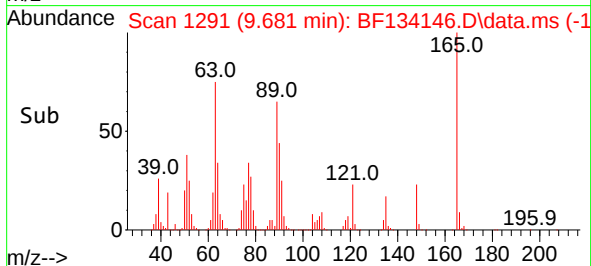
Instrument :
BNA_F
ClientSampleId :
PB153791BS



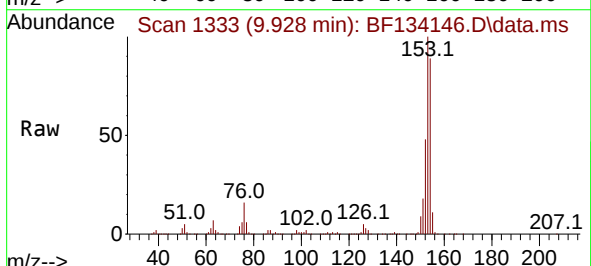
Tgt Ion:165 Resp: 197532
Ion Ratio Lower Upper
165 100
63 75.2 48.5 72.7
89 65.2 45.5 68.3

Manual Integrations
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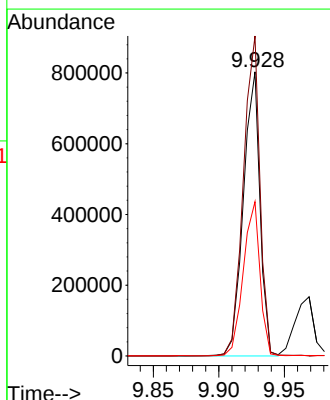
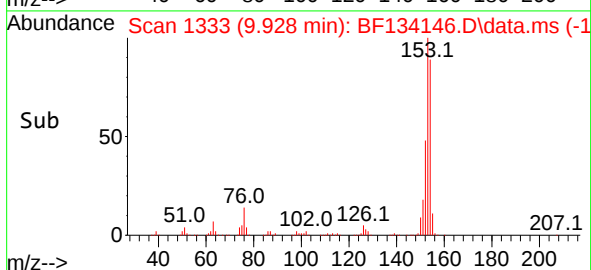
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

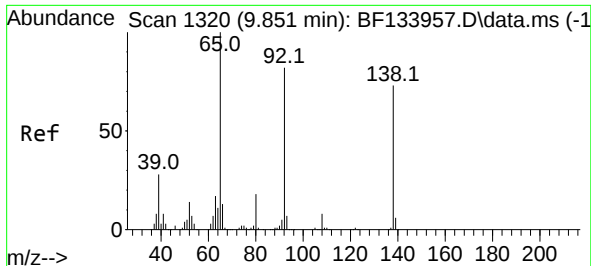


#52
Acenaphthene
Concen: 38.689 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



Tgt Ion:154 Resp: 709828
Ion Ratio Lower Upper
154 100
153 112.6 89.4 134.2
152 54.3 42.8 64.2





#53
3-Nitroaniline
Concen: 28.018 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

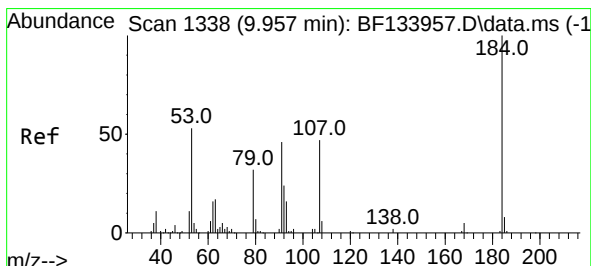
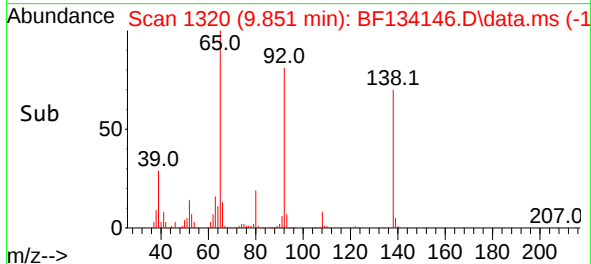
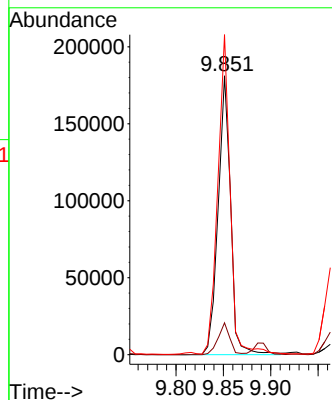
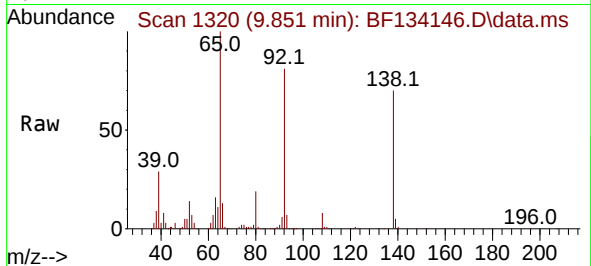
ClientSampleId :

PB153791BS

Tgt Ion:138 Resp: 16573
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 114.7 90.1 135.1

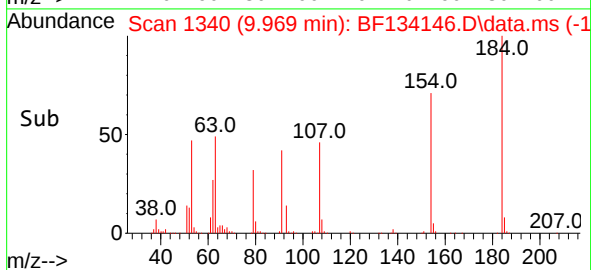
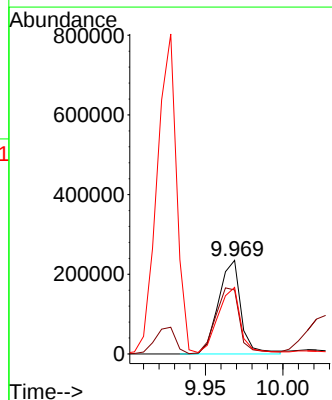
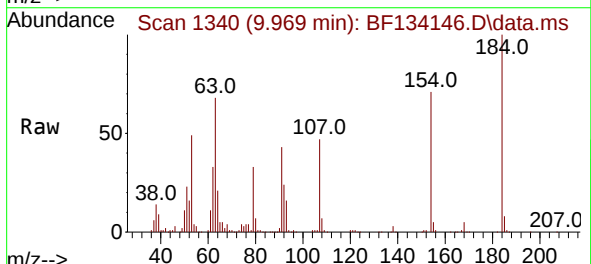
Manual Integrations
APPROVED

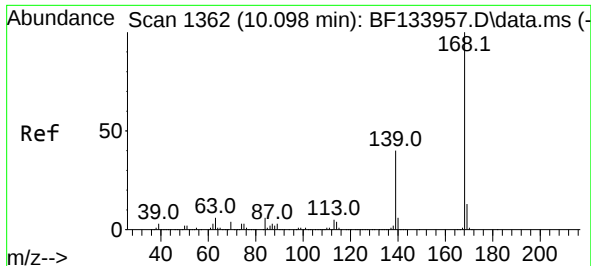
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#54
2,4-Dinitrophenol
Concen: 83.439 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

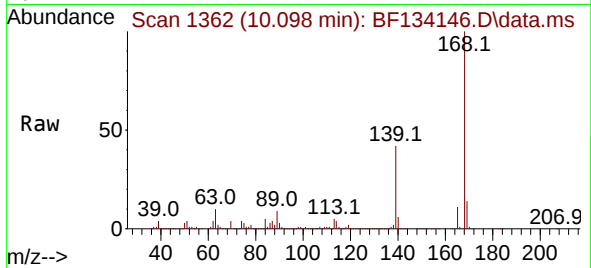
Tgt Ion:184 Resp: 238091
Ion Ratio Lower Upper
184 100
63 68.4 56.9 85.3
154 71.2 55.4 83.0





#55
Dibenzofuran
Concen: 36.885 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

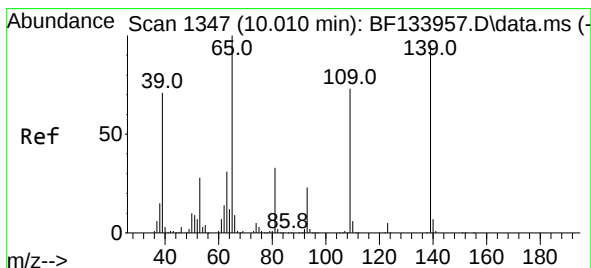
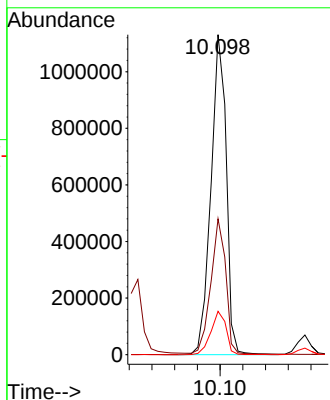
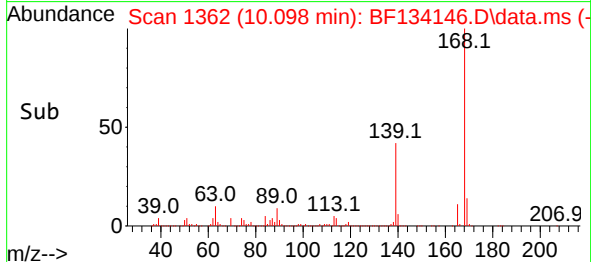
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:168 Resp: 1057600
Ion Ratio Lower Upper
168 100
139 42.4 32.0 48.0
169 13.5 10.6 16.0

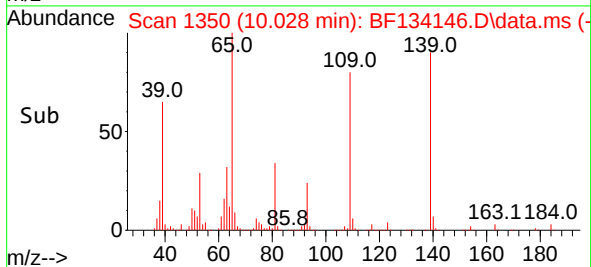
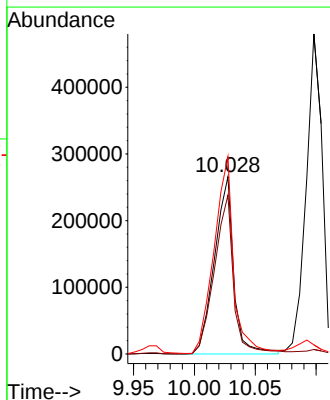
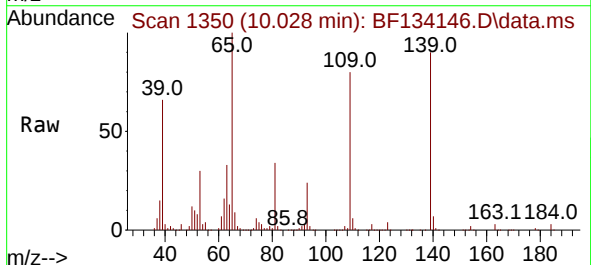
Manual Integrations
APPROVED

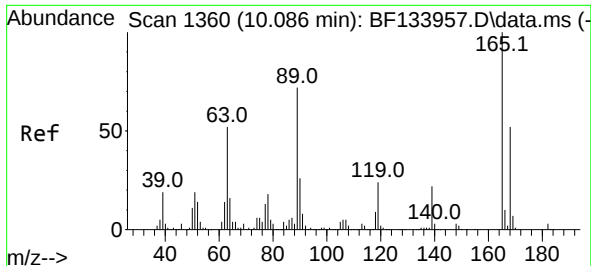
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#56
4-Nitrophenol
Concen: 70.803 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:139 Resp: 292955
Ion Ratio Lower Upper
139 100
109 89.6 56.8 96.8
65 111.4 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 38.686 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

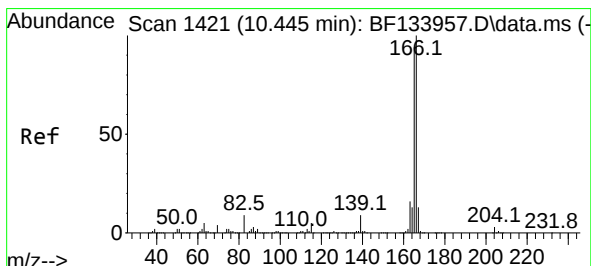
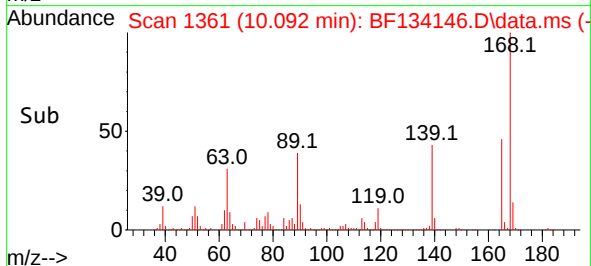
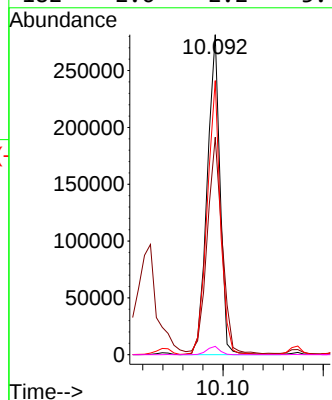
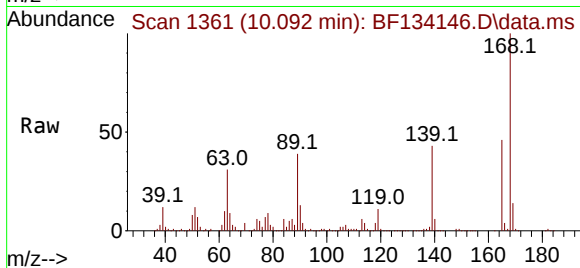
PB153791BS

Tgt Ion:165 Resp: 251900
Ion Ratio Lower Upper
165 100
63 67.9 42.2 63.2
89 85.6 57.4 86.2
182 2.6 2.2 3.4

Manual Integrations

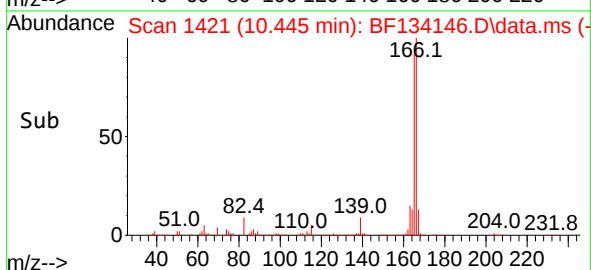
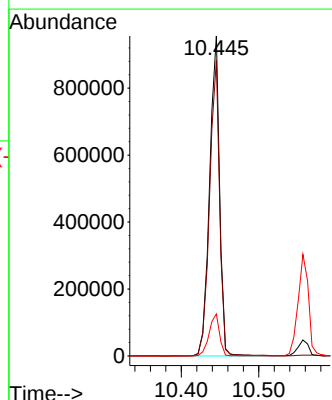
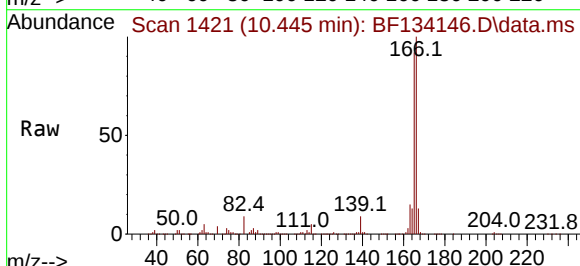
APPROVED

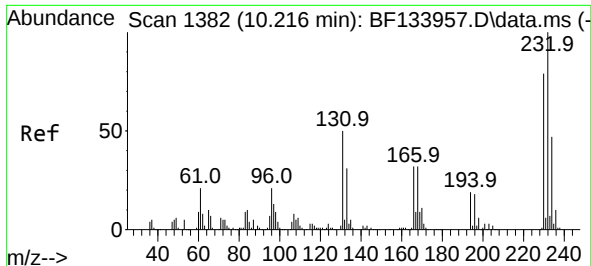
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#58
Fluorene
Concen: 38.288 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

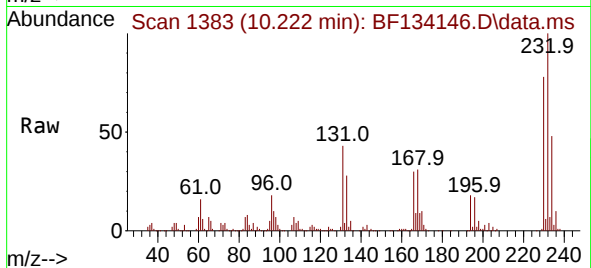
Tgt Ion:166 Resp: 854113
Ion Ratio Lower Upper
166 100
165 92.3 75.0 112.4
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.351 ng
RT: 10.222 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

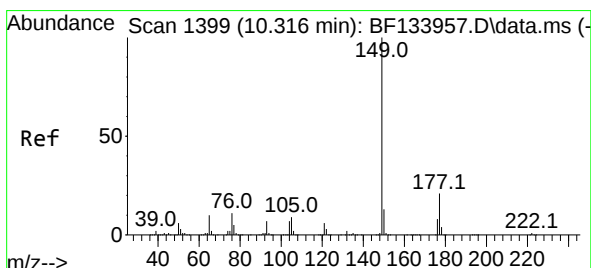
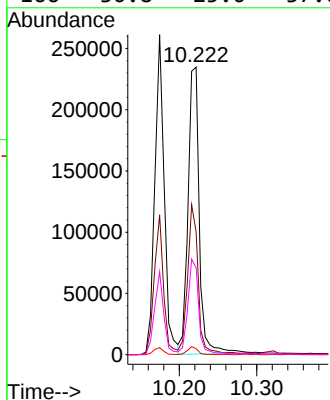
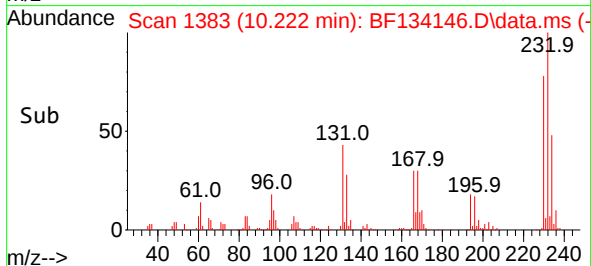
Instrument :
BNA_F
ClientSampleId :
PB153791BS



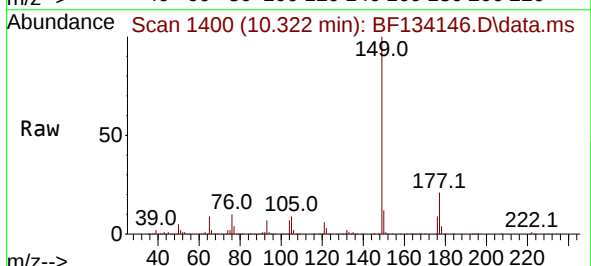
Tgt Ion:232 Resp: 238128
Ion Ratio Lower Upper
232 100
131 48.3 39.3 58.9
130 2.4 1.8 2.6
166 30.8 25.0 37.6

Manual Integrations
APPROVED

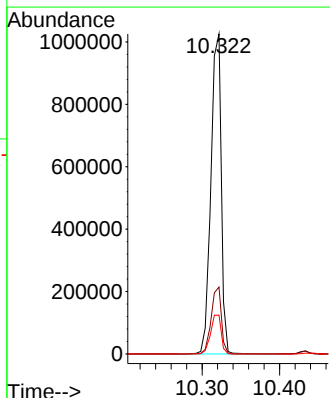
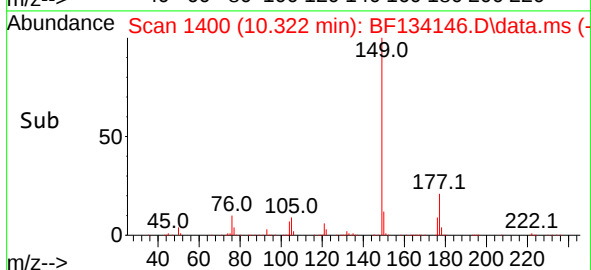
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

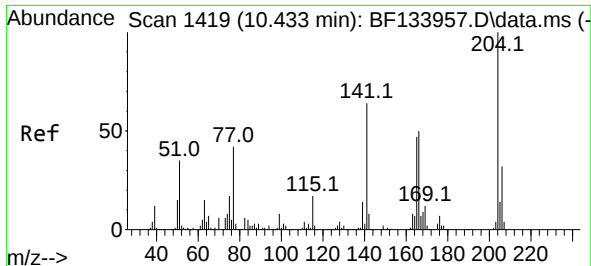


#60
Diethylphthalate
Concen: 39.964 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



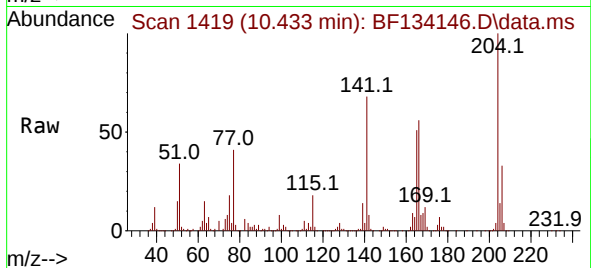
Tgt Ion:149 Resp: 953152
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.715 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

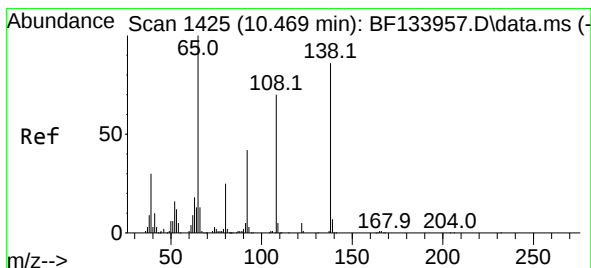
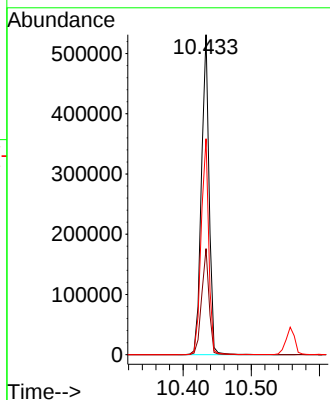
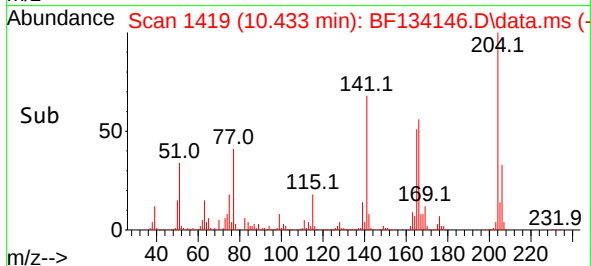
Instrument :
BNA_F
ClientSampleId :
PB153791BS



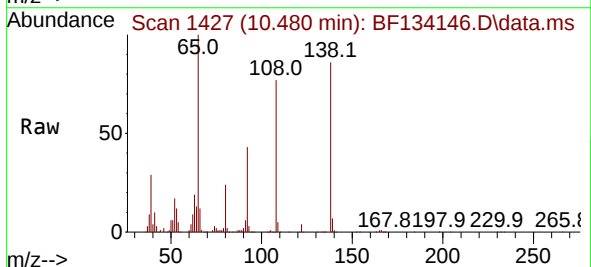
Tgt Ion:204 Resp: 416190
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 67.5 51.5 77.3

Manual Integrations
APPROVED

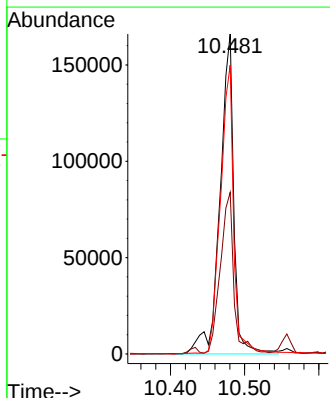
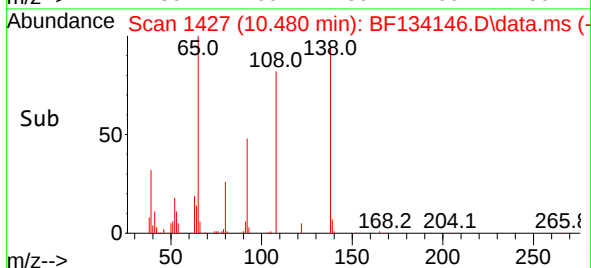
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

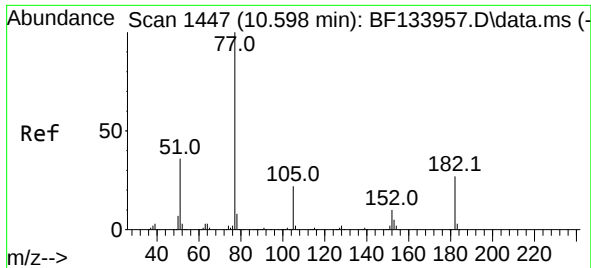


#62
4-Nitroaniline
Concen: 36.099 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



Tgt Ion:138 Resp: 215197
Ion Ratio Lower Upper
138 100
92 50.5 29.7 69.7
108 90.3 62.1 102.1





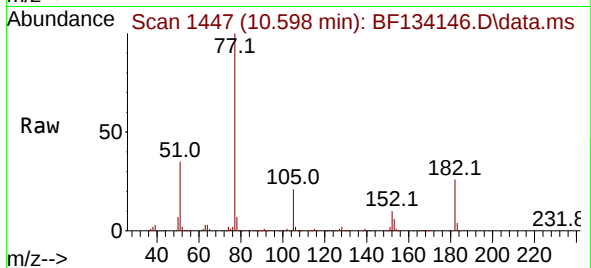
#63
Azobenzene
Concen: 38.788 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS



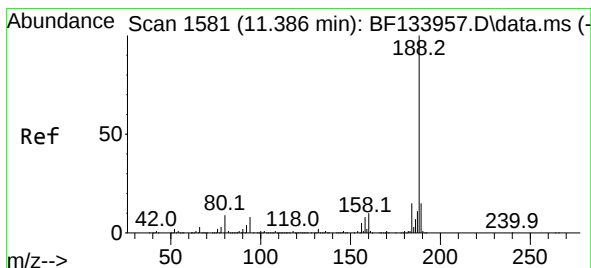
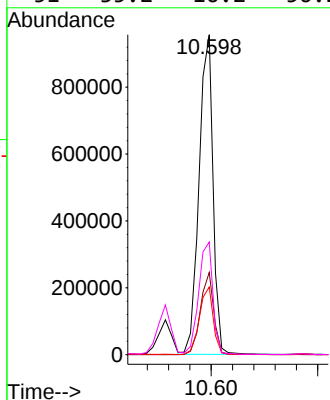
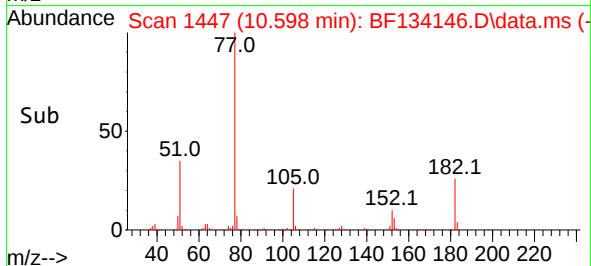
Tgt Ion: 77 Resp: 87508
Ion Ratio Lower Upper
77 100
182 25.7 6.8 46.8
105 21.1 2.3 42.3
51 35.2 16.2 56.2

Manual Integrations

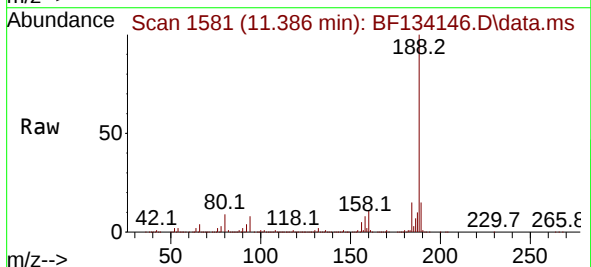
APPROVED

Reviewed By :Yogesh Patel 07/09/2023

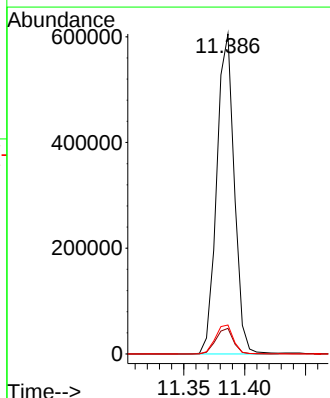
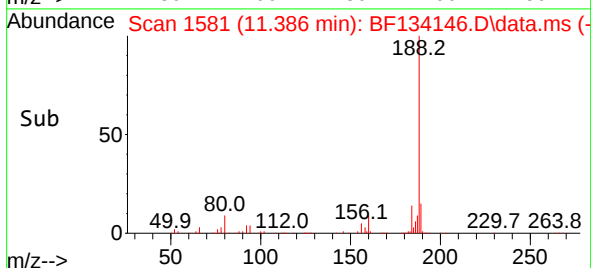
Supervised By :mohammad ahmed 07/09/2023

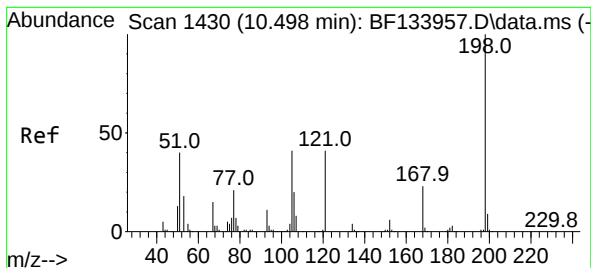


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



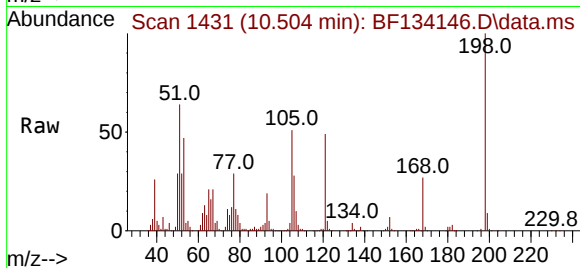
Tgt Ion:188 Resp: 608307
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.1 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 45.421 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

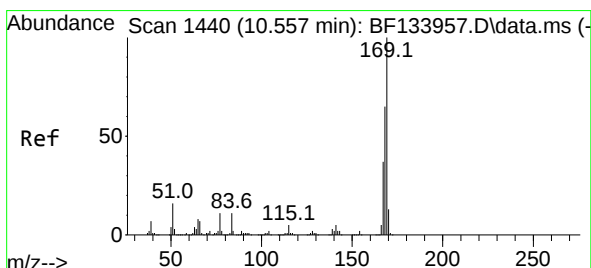
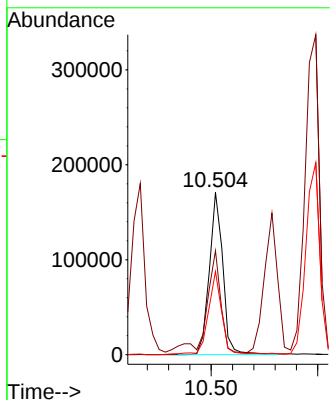
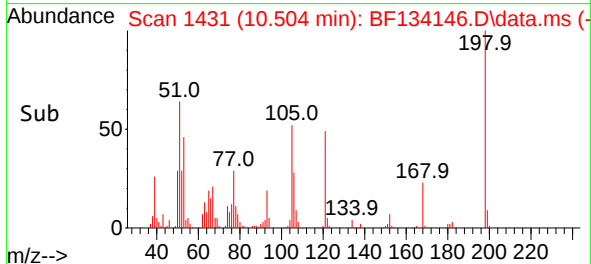
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:198 Resp: 150637
Ion Ratio Lower Upper
198 100
51 64.1 29.3 69.3
105 51.3 22.4 62.4

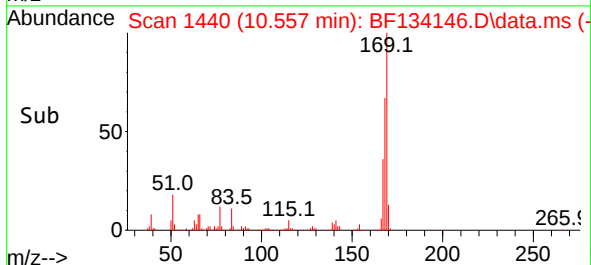
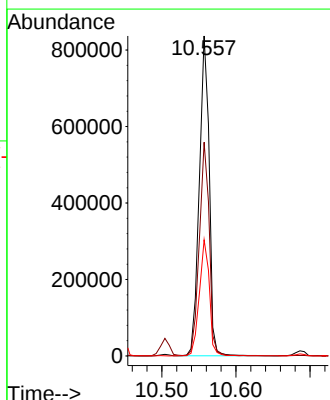
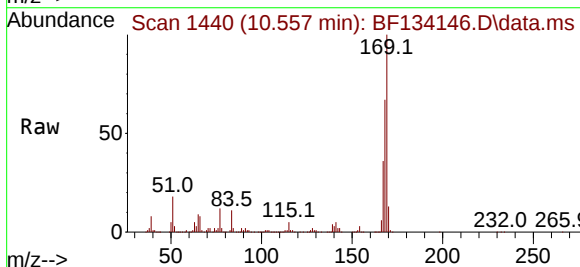
Manual Integrations
APPROVED

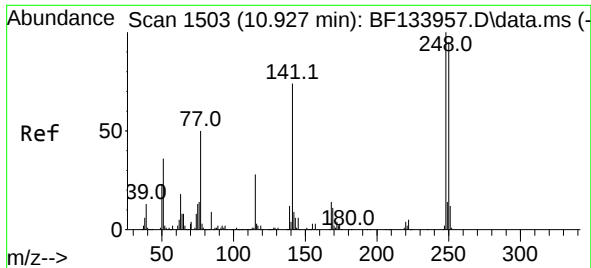
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#66
n-Nitrosodiphenylamine
Concen: 39.841 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

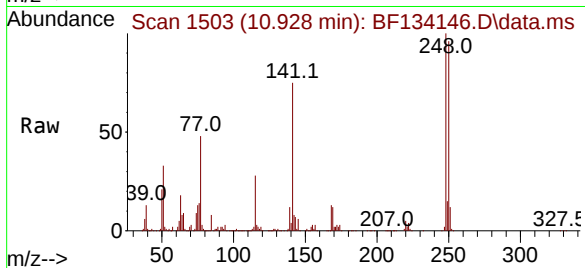
Tgt Ion:169 Resp: 774343
Ion Ratio Lower Upper
169 100
168 66.8 52.3 78.5
167 36.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 41.259 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

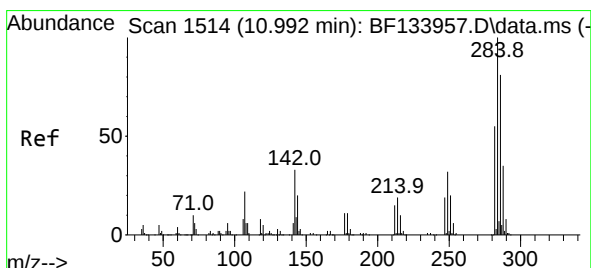
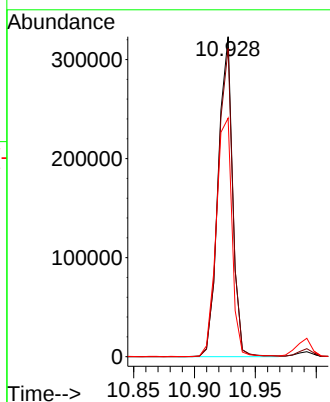
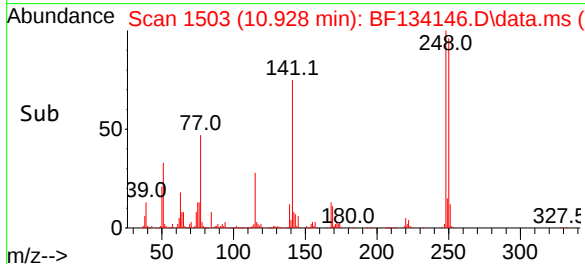
Instrument :
BNA_F
ClientSampleId :
PB153791BS



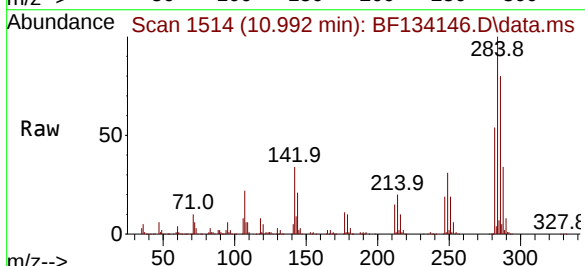
Tgt Ion:248 Resp: 266760
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.4
141 74.6 59.0 88.4

Manual Integrations
APPROVED

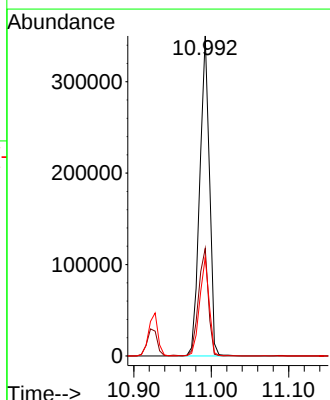
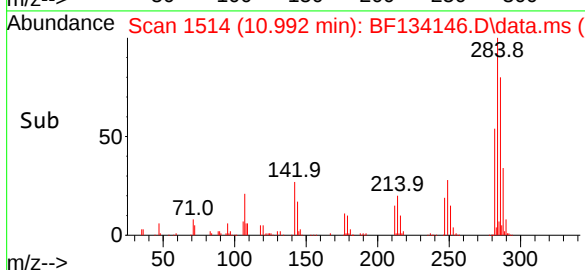
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

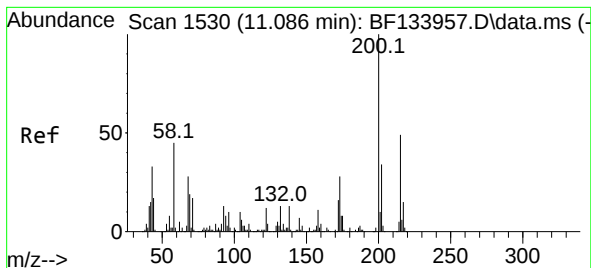


#68
Hexachlorobenzene
Concen: 44.384 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



Tgt Ion:284 Resp: 304692
Ion Ratio Lower Upper
284 100
142 33.6 26.6 40.0
249 30.8 25.5 38.3





#69

Atrazine

Concen: 48.227 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

Tgt Ion:200 Resp: 25926

Ion Ratio Lower Upper

200 100

173 27.6 8.0 48.0

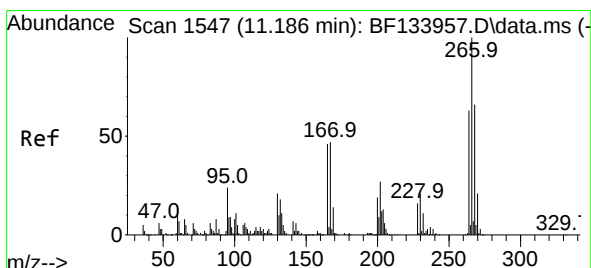
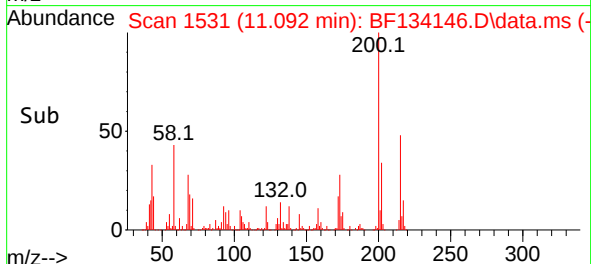
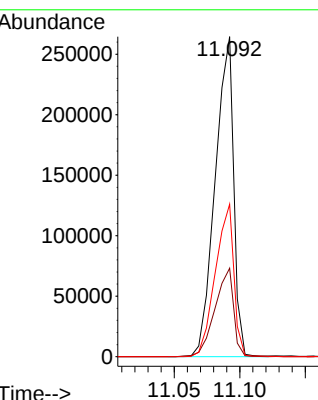
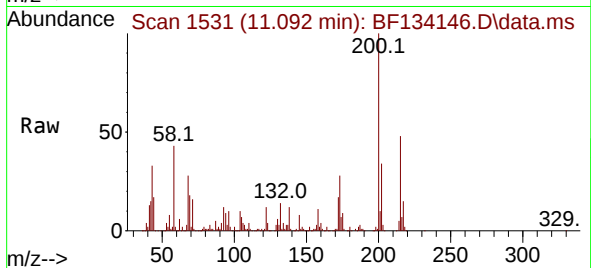
215 47.7 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#70

Pentachlorophenol

Concen: 73.096 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

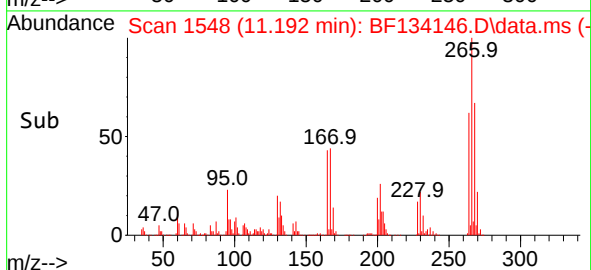
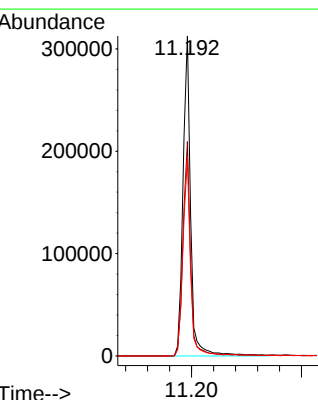
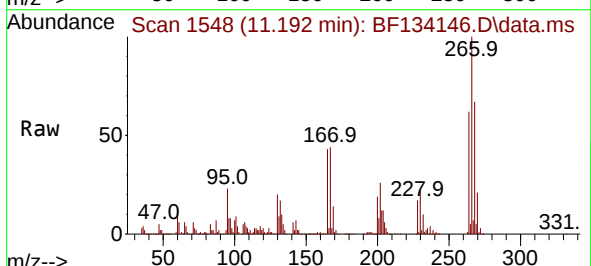
Tgt Ion:266 Resp: 300033

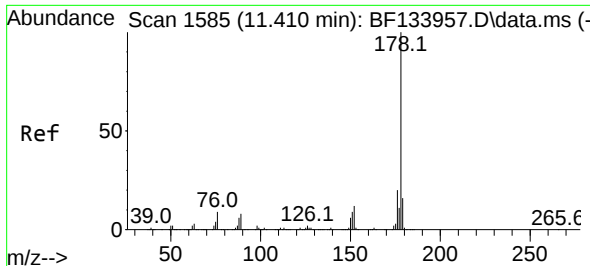
Ion Ratio Lower Upper

266 100

268 67.0 52.6 79.0

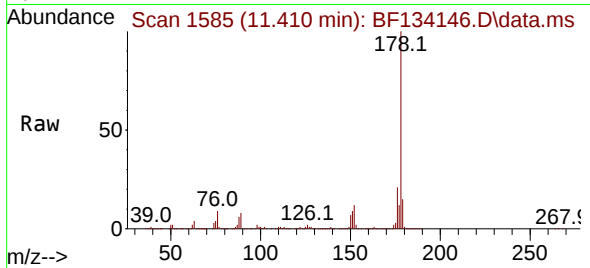
264 62.0 50.6 76.0





#71
Phenanthrene
Concen: 39.132 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

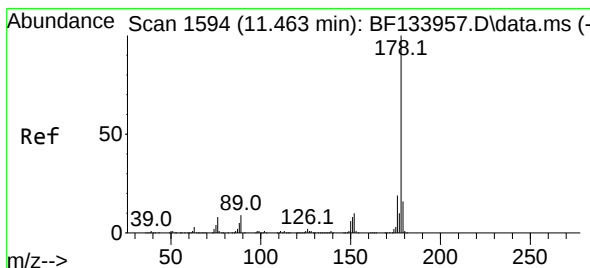
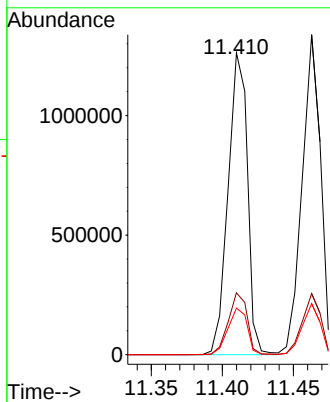
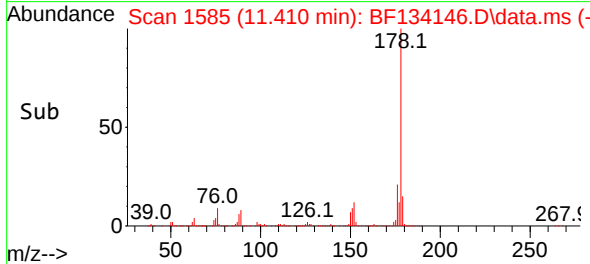
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:178 Resp: 119835
Ion Ratio Lower Upper
178 100
176 20.5 16.0 24.0
179 15.4 12.4 18.6

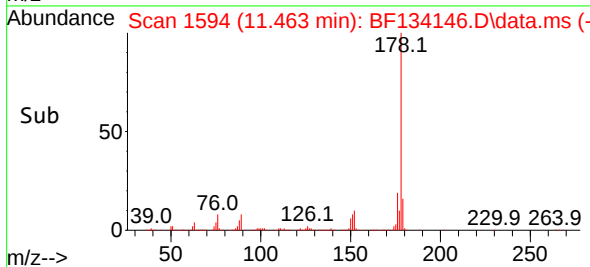
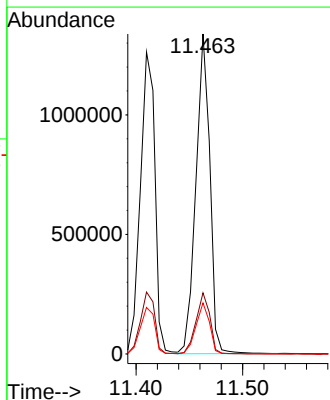
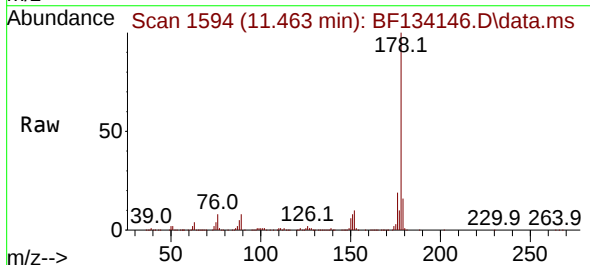
Manual Integrations
APPROVED

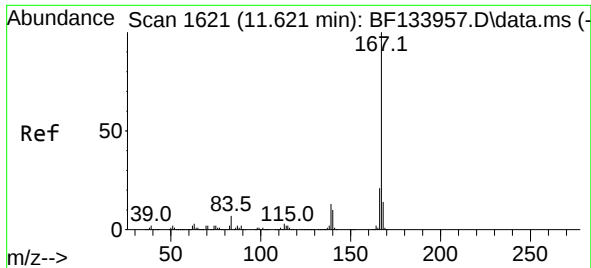
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#72
Anthracene
Concen: 38.320 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:178 Resp: 1220557
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.4 18.6





#73
 Carbazole
 Concen: 39.573 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF134146.D
 Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

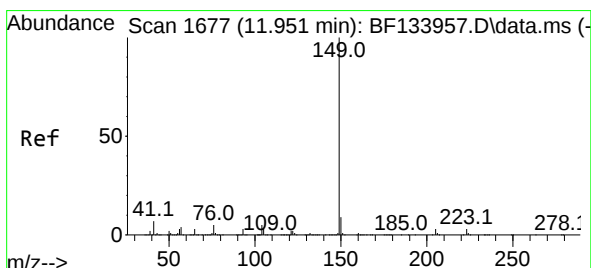
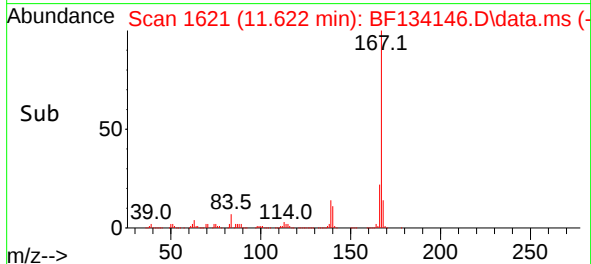
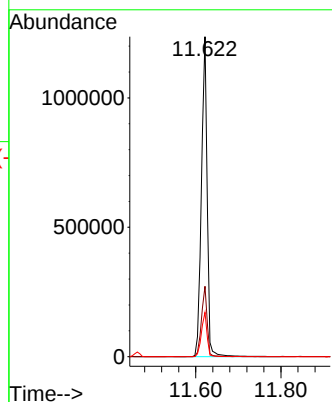
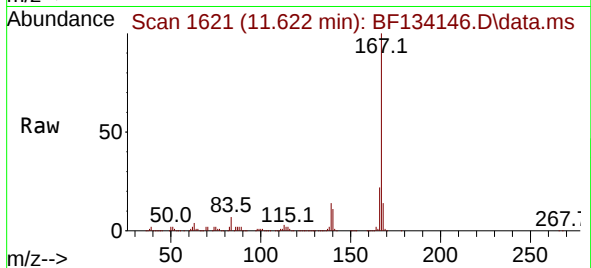
PB153791BS

Tgt Ion:167 Resp: 1153710
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.9 10.4 15.6

Manual Integrations

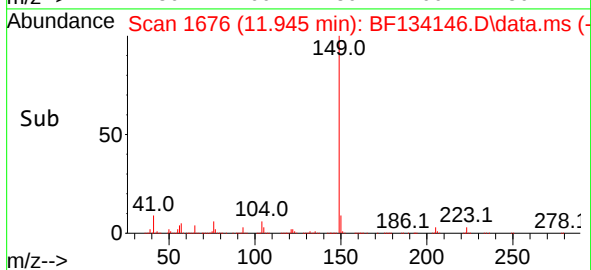
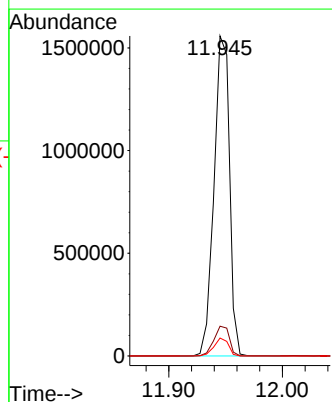
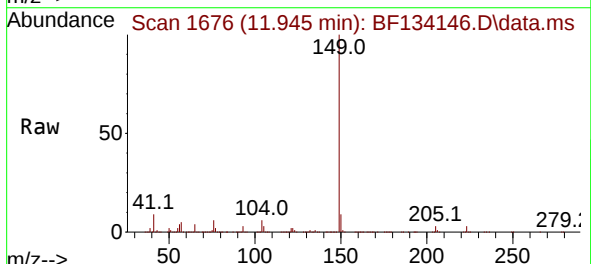
APPROVED

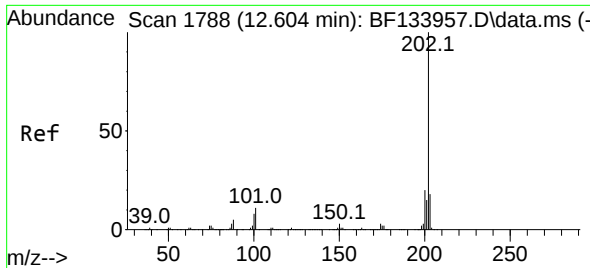
Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023



#74
 Di-n-butylphthalate
 Concen: 42.616 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134146.D
 Acq: 08 Jul 2023 13:45

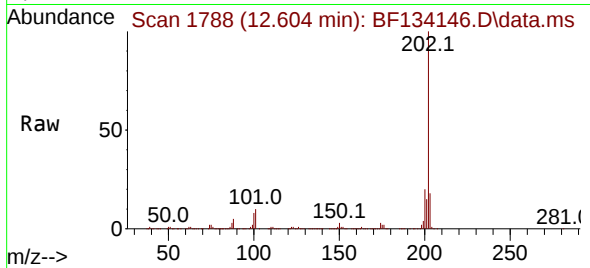
Tgt Ion:149 Resp: 1477497
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.6 4.0 6.0





#75
Fluoranthene
Concen: 39.397 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

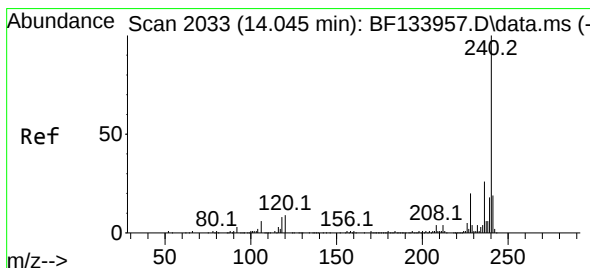
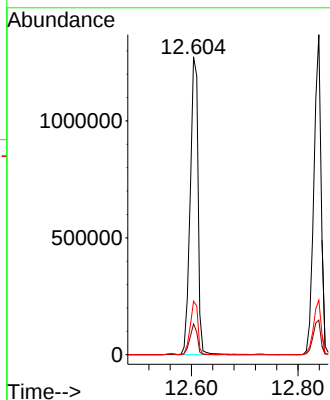
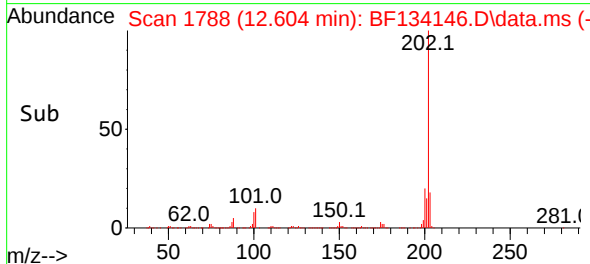
Instrument :
BNA_F
ClientSampleId :
PB153791BS



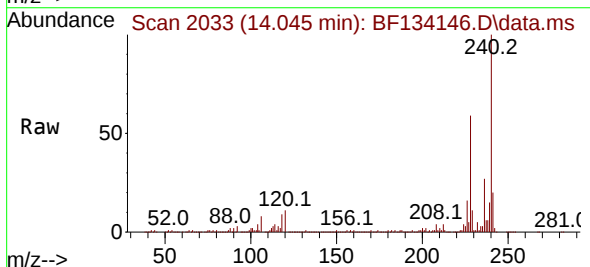
Tgt Ion:202 Resp: 1304285
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.0
203 17.9 0.0 37.6

Manual Integrations
APPROVED

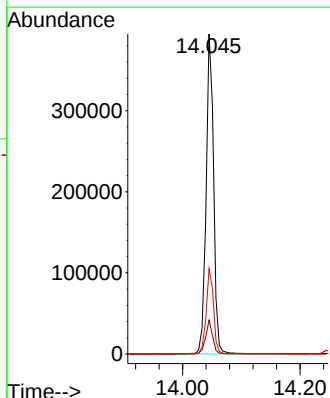
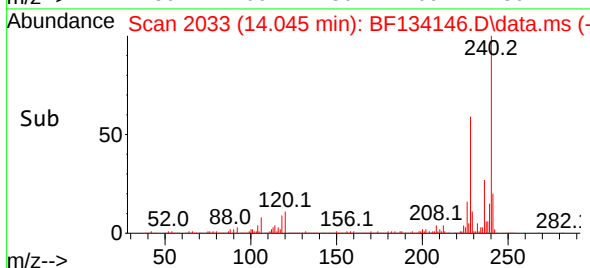
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

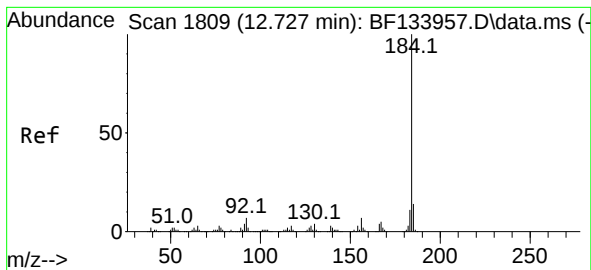


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45



Tgt Ion:240 Resp: 349242
Ion Ratio Lower Upper
240 100
120 10.5 7.4 11.0
236 26.6 21.0 31.6





#77

Benzidine

Concen: 48.646 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

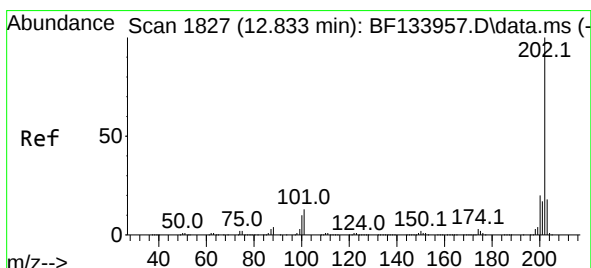
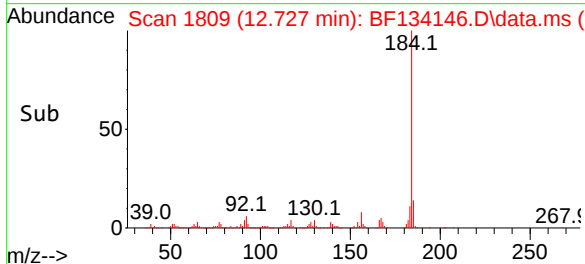
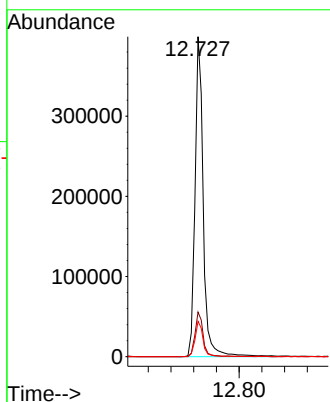
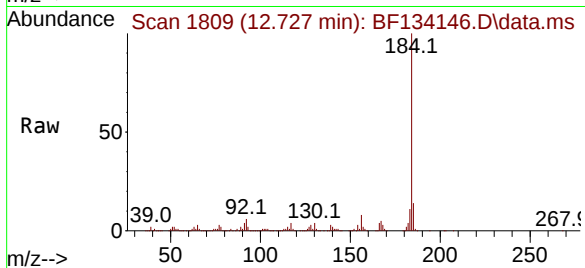
Tgt Ion:184 Resp: 404250
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.6 17.4
 183 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#78

Pyrene

Concen: 39.894 ng

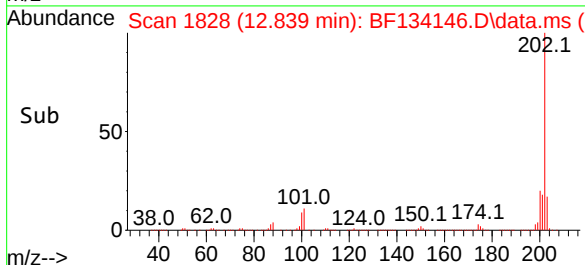
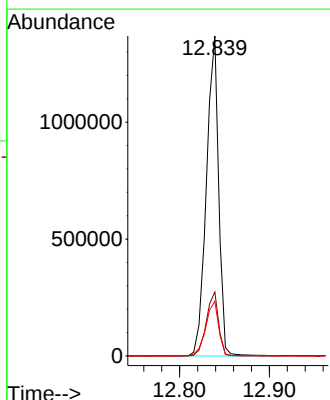
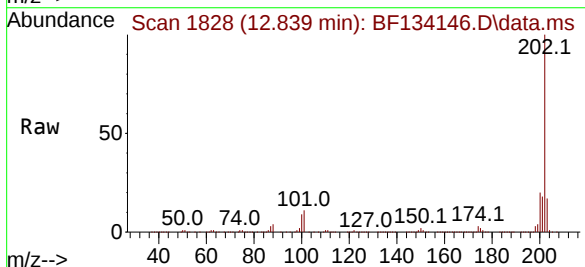
RT: 12.839 min Scan# 1828

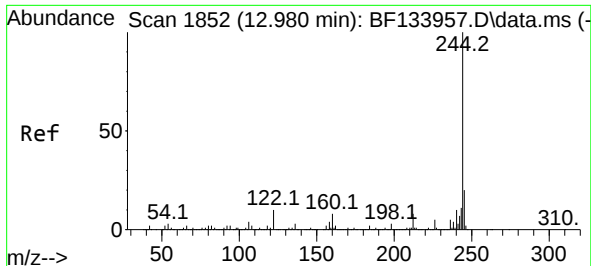
Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Tgt Ion:202 Resp: 1296616
 Ion Ratio Lower Upper
 202 100
 200 20.0 16.1 24.1
 203 17.1 14.3 21.5





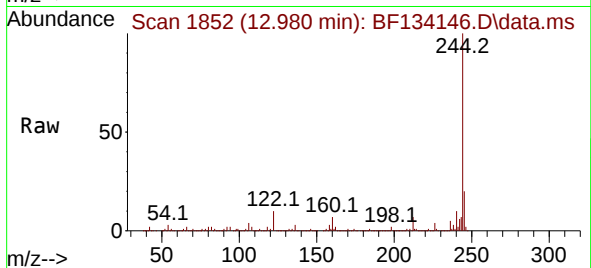
#79
 Terphenyl-d14
 Concen: 87.138 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134146.D
 Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS



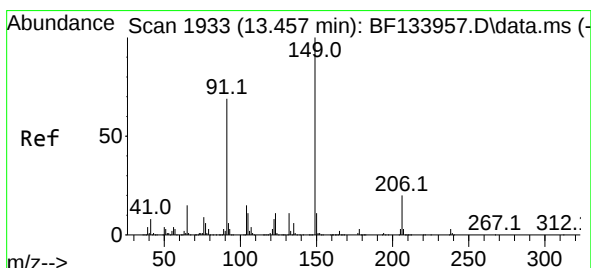
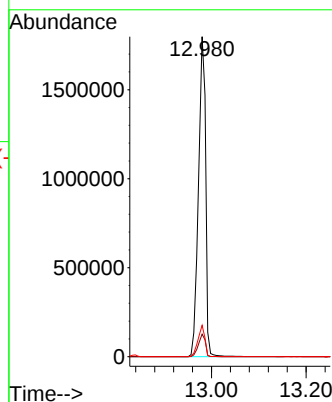
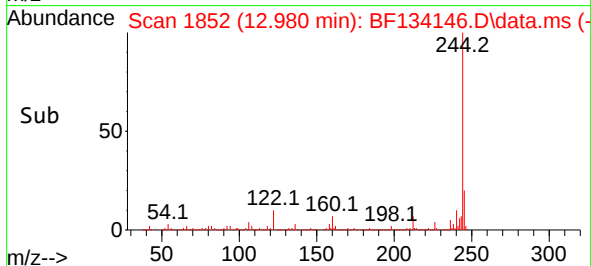
Tgt Ion:244 Resp: 189087
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.8 8.3 12.5

Manual Integrations

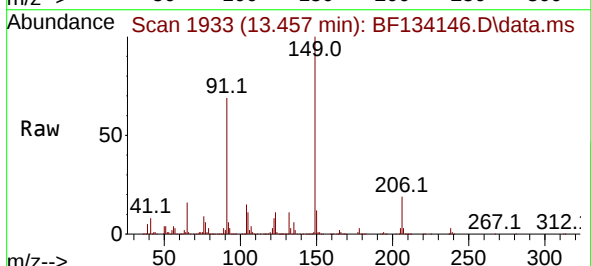
APPROVED

Reviewed By :Yogesh Patel 07/09/2023

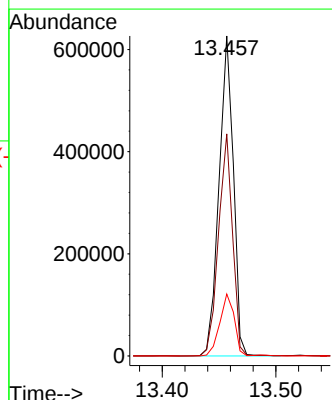
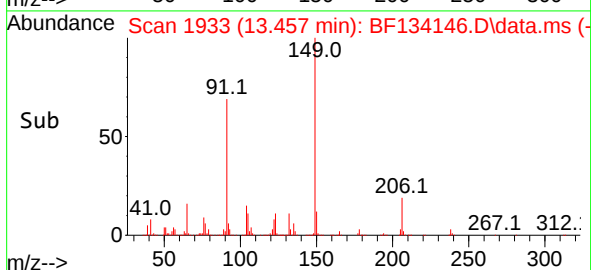
Supervised By :mohammad ahmed 07/09/2023

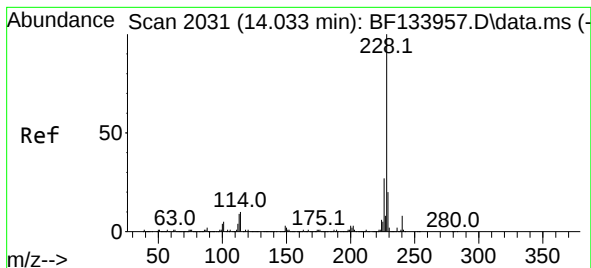


#80
 Butylbenzylphthalate
 Concen: 45.219 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF134146.D
 Acq: 08 Jul 2023 13:45



Tgt Ion:149 Resp: 551204
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.1 82.7
 206 19.3 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.893 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

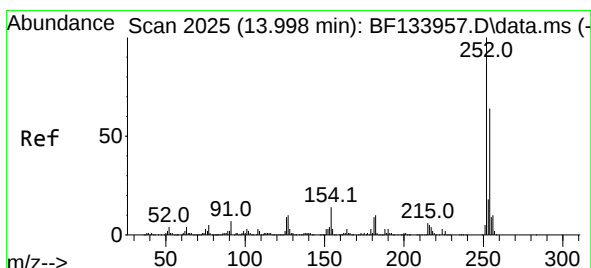
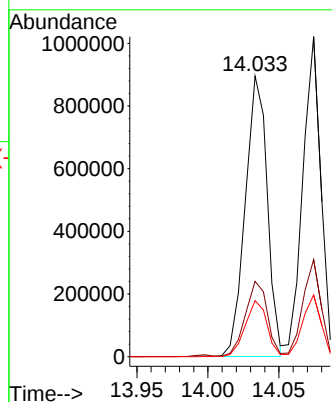
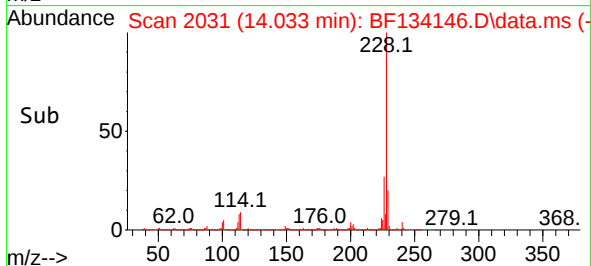
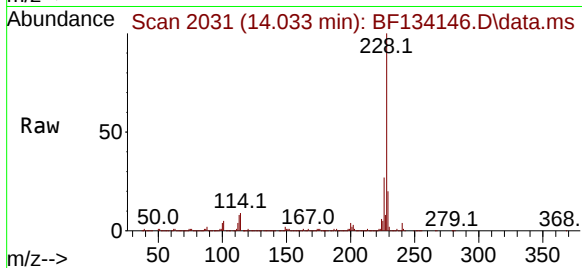
PB153791BS

Tgt Ion:228 Resp: 96622
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.0 33.0
 229 20.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.492 ng

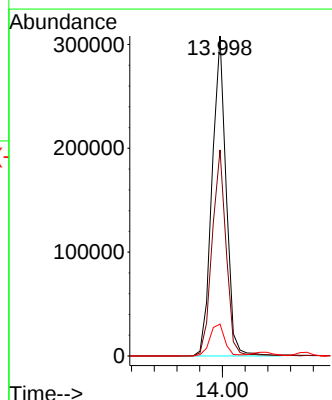
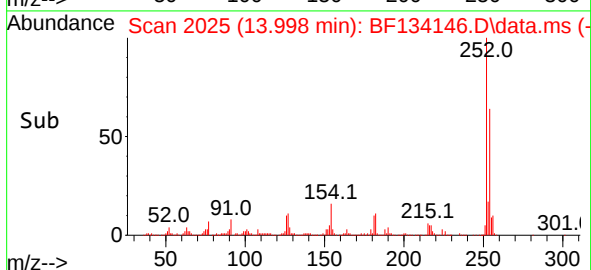
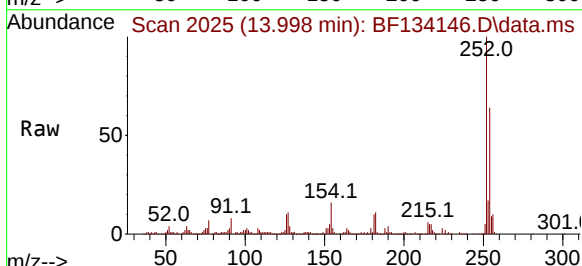
RT: 13.998 min Scan# 2025

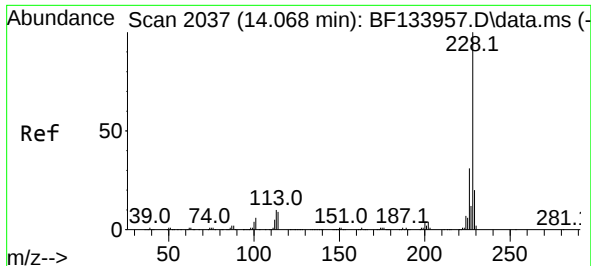
Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

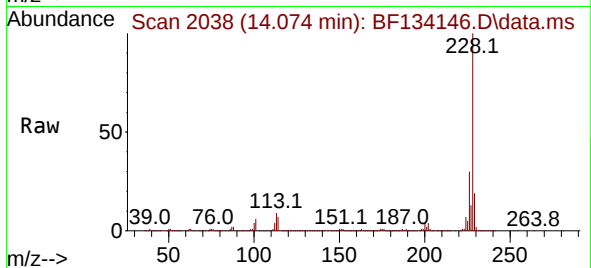
Tgt Ion:252 Resp: 264680
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.4 77.0
 126 9.9 7.4 11.2





#83
Chrysene
Concen: 38.860 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

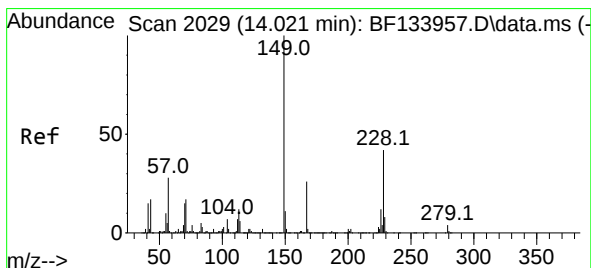
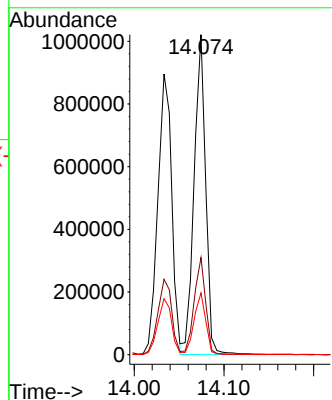
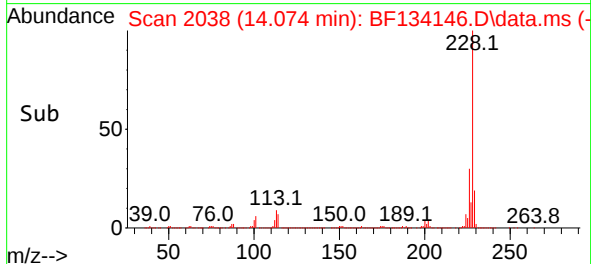
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:228 Resp: 911630
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.3 16.1 24.1

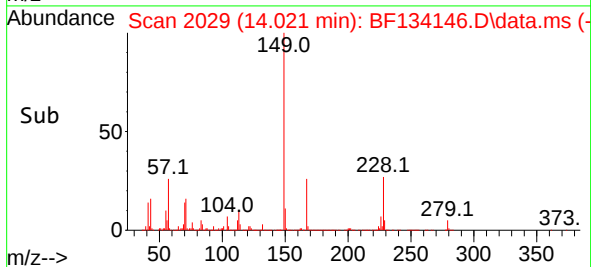
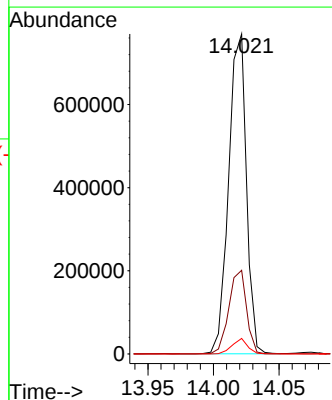
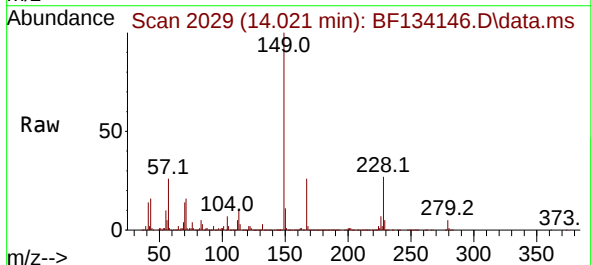
Manual Integrations
APPROVED

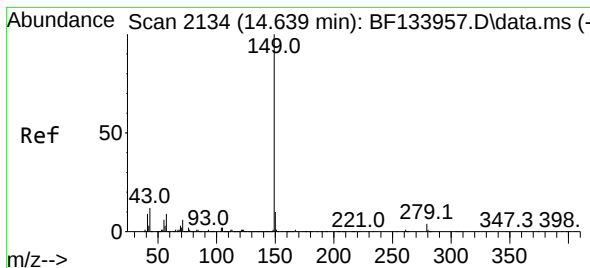
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.776 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

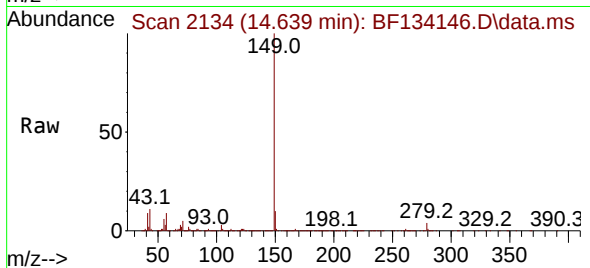
Tgt Ion:149 Resp: 725206
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 4.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 52.054 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

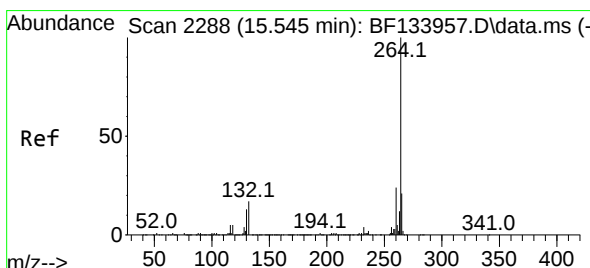
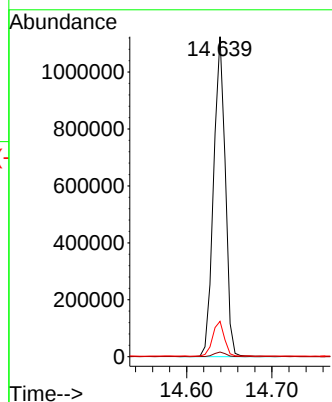
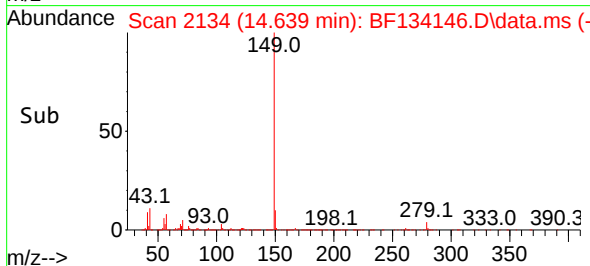
Instrument :
BNA_F
ClientSampleId :
PB153791BS



Tgt Ion:149 Resp: 107131
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.9 9.0 13.4

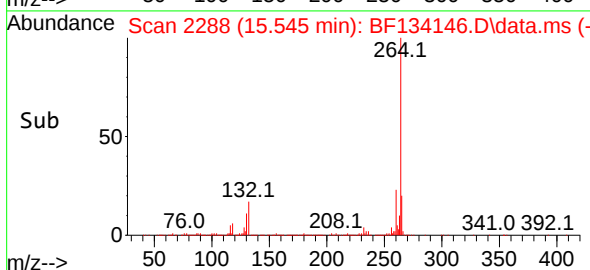
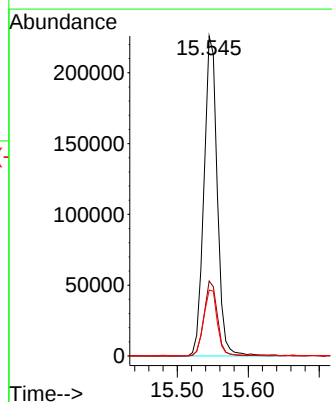
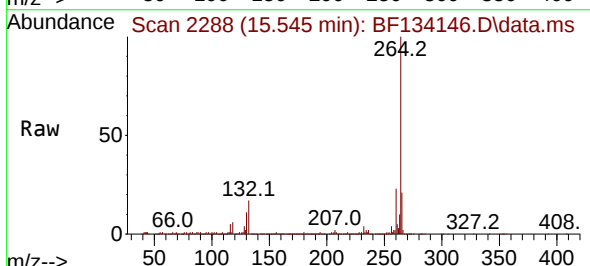
Manual Integrations
APPROVED

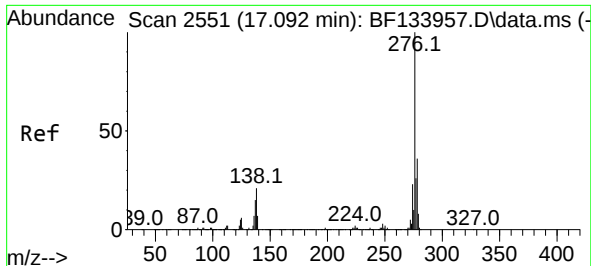
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:264 Resp: 295188
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.6 16.6 25.0





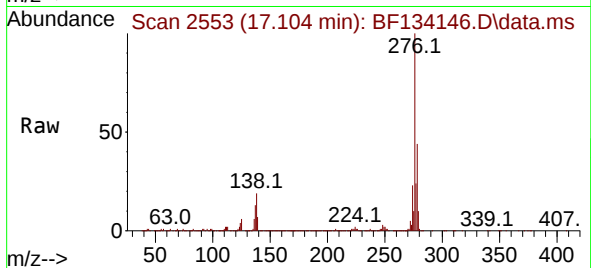
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.228 ng
RT: 17.104 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS



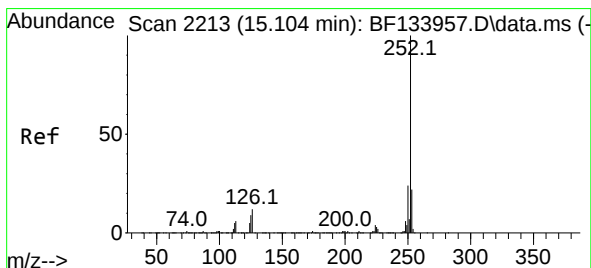
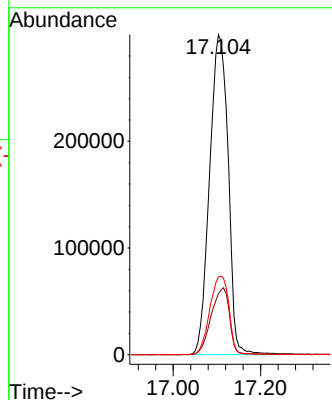
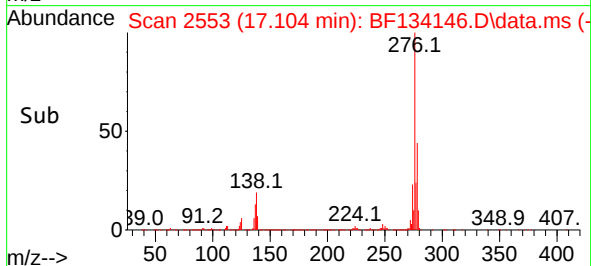
Tgt Ion:276 Resp: 885444
Ion Ratio Lower Upper
276 100
138 20.7 18.7 28.1
277 25.2 19.9 29.9

Manual Integrations

APPROVED

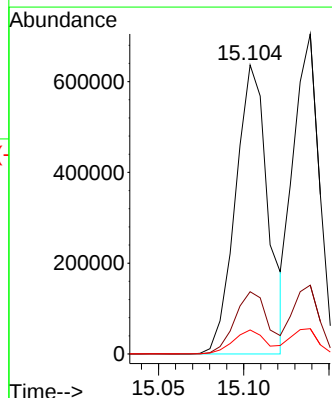
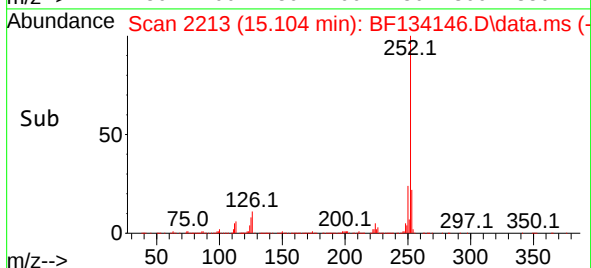
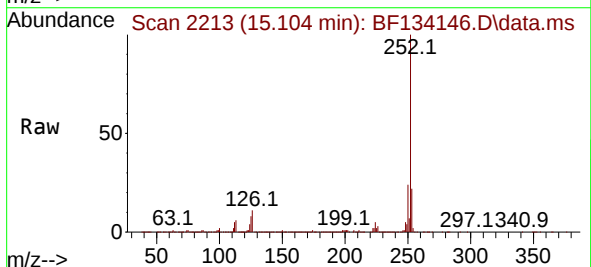
Reviewed By :Yogesh Patel 07/09/2023

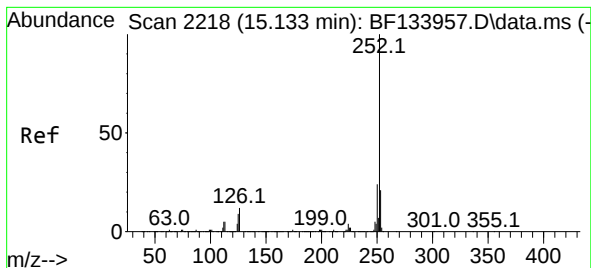
Supervised By :mohammad ahmed 07/09/2023



#88
Benzo(b)fluoranthene
Concen: 48.648 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:252 Resp: 844397
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 8.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 42.728 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

ClientSampleId :

PB153791BS

Tgt Ion:252 Resp: 755100

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

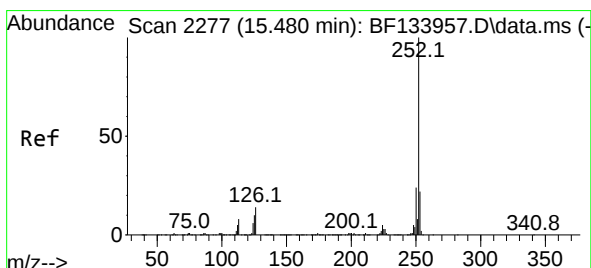
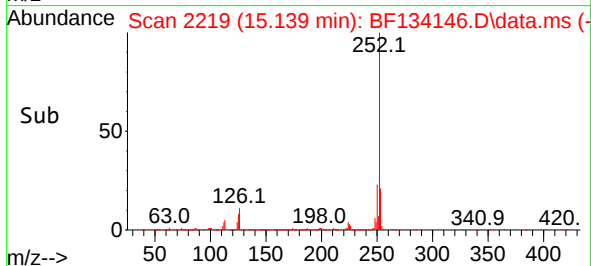
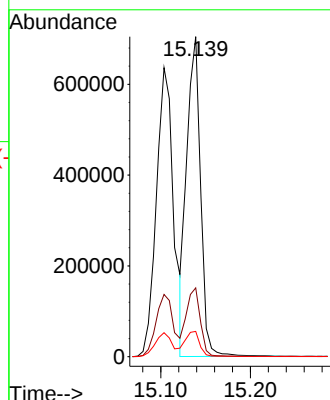
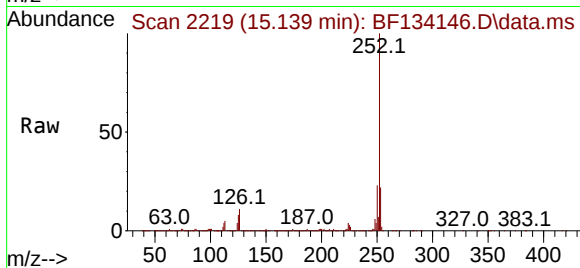
125 7.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#90

Benzo(a)pyrene

Concen: 40.977 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF134146.D

Acq: 08 Jul 2023 13:45

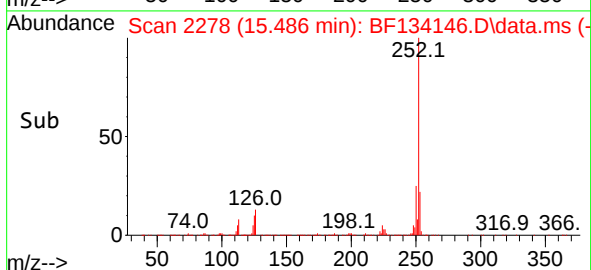
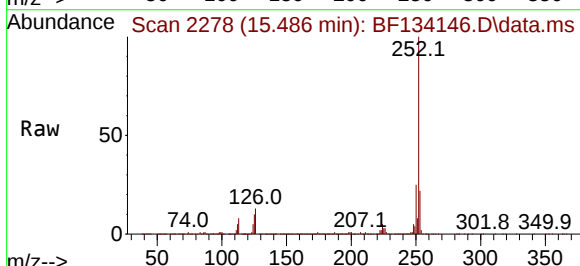
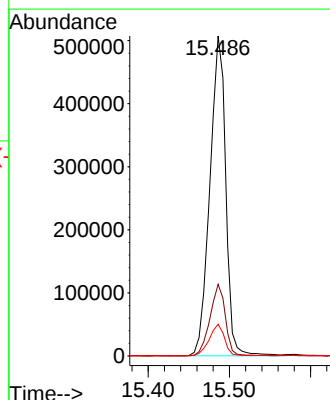
Tgt Ion:252 Resp: 687776

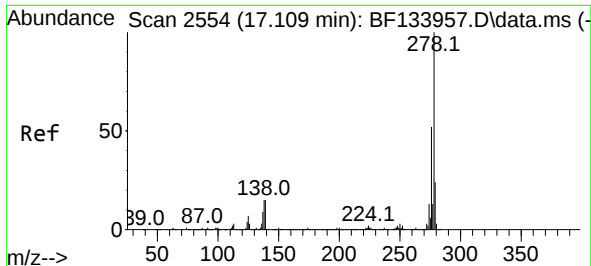
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 9.9 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 43.346 ng
RT: 17.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Instrument :

BNA_F

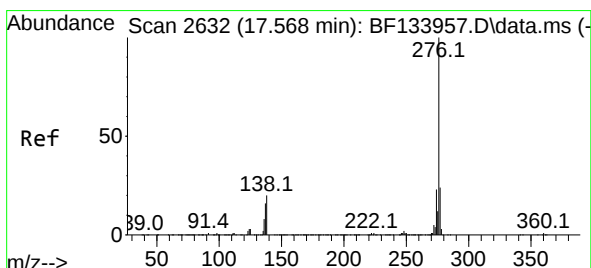
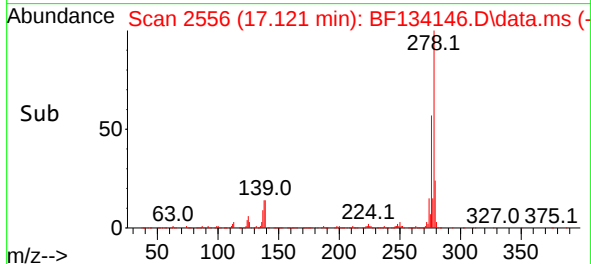
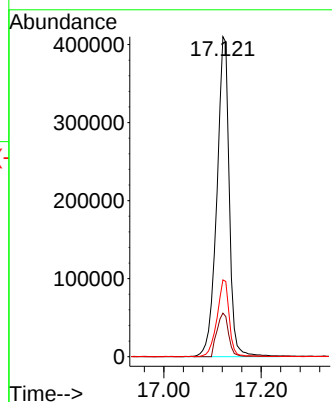
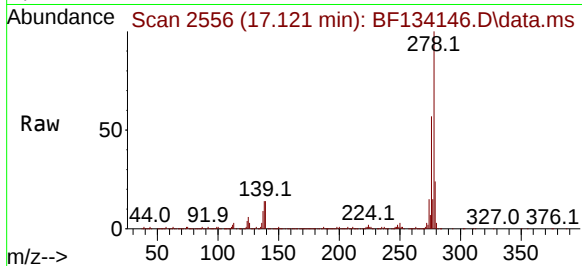
ClientSampleId :

PB153791BS

Tgt Ion:278 Resp: 72520
Ion Ratio Lower Upper
278 100
139 13.6 12.2 18.4
279 24.0 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#92
Benzo(g,h,i)perylene
Concen: 41.960 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.000 min
Lab File: BF134146.D
Acq: 08 Jul 2023 13:45

Tgt Ion:276 Resp: 723929
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 19.1 16.2 24.2

