

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134104.D
 Acq On : 06 Jul 2023 18:52
 Operator : CG\JU
 Sample : PB153909BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153909BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 01:31:17 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	108650	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	418138	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	211026	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	407698	20.000	ng	0.00
76) Chrysene-d12	14.045	240	249412	20.000	ng	0.00
86) Perylene-d12	15.539	264	205752	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	756473	116.466	ng	0.00
7) Phenol-d6	6.492	99	906811	113.524	ng	0.00
23) Nitrobenzene-d5	7.416	82	618757	79.769	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	308973	116.777	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1132029	77.993	ng	0.00
79) Terphenyl-d14	12.980	244	1311796	84.648	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	111619	41.677	ng	99
3) Pyridine	3.504	79	237614	34.062	ng	95
4) n-Nitrosodimethylamine	3.469	42	180258	45.243	ng	91
6) Aniline	6.510	93	236047	24.284	ng	# 69
8) 2-Chlorophenol	6.634	128	302396	45.863	ng	98
9) Benzaldehyde	6.398	77	37319	6.171	ng	98
10) Phenol	6.504	94	355445	42.322	ng	89
11) bis(2-Chloroethyl)ether	6.586	93	271291	43.875	ng	96
12) 1,3-Dichlorobenzene	6.786	146	314421	44.730	ng	100
13) 1,4-Dichlorobenzene	6.863	146	320735	45.174	ng	98
14) 1,2-Dichlorobenzene	7.016	146	301296	45.311	ng	99
15) Benzyl Alcohol	6.992	79	272116	44.190	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	449965	41.134	ng	96
17) 2-Methylphenol	7.104	107	248344	42.062	ng	97
18) Hexachloroethane	7.351	117	121957	46.326	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	208988	41.256	ng	98
20) 3+4-Methylphenols	7.257	107	299607	41.828	ng	92
22) Acetophenone	7.257	105	425135	44.706	ng	97
24) Nitrobenzene	7.433	77	327521	41.783	ng	97
25) Isophorone	7.669	82	569949	40.429	ng	98
26) 2-Nitrophenol	7.745	139	163141	43.385	ng	94
27) 2,4-Dimethylphenol	7.786	122	262075	44.030	ng	98
28) bis(2-Chloroethoxy)met...	7.880	93	329053	40.311	ng	100
29) 2,4-Dichlorophenol	7.986	162	246292	41.728	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	260439	42.763	ng	98
31) Naphthalene	8.151	128	812039	40.205	ng	99
32) Benzoic acid	7.922	122	200621	44.980	ng	98
33) 4-Chloroaniline	8.198	127	87273	10.101	ng	96
34) Hexachlorobutadiene	8.263	225	165429	43.061	ng	99
35) Caprolactam	8.575	113	84881m	43.676	ng	
36) 4-Chloro-3-methylphenol	8.686	107	285718	43.090	ng	95
37) 2-Methylnaphthalene	8.839	142	555449	38.890	ng	99
38) 1-Methylnaphthalene	8.939	142	517105	38.945	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	268096	42.882	ng	98
41) Hexachlorocyclopentadiene	8.992	237	269724	90.937	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	177682	41.749	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	192388	38.430	ng	98
46) 1,1'-Biphenyl	9.310	154	708710	41.867	ng	98
47) 2-Chloronaphthalene	9.333	162	523589	42.275	ng	97
48) 2-Nitroaniline	9.433	65	188719	41.809	ng	99
49) Acenaphthylene	9.751	152	845380	39.957	ng	99
50) Dimethylphthalate	9.610	163	627248	40.947	ng	99
51) 2,6-Dinitrotoluene	9.674	165	138186	41.883	ng	# 86
52) Acenaphthene	9.922	154	497466	40.521	ng	99
53) 3-Nitroaniline	9.845	138	91728	23.175	ng	96
54) 2,4-Dinitrophenol	9.957	184	167366	87.459	ng	89
55) Dibenzofuran	10.098	168	769108	40.086	ng	100
56) 4-Nitrophenol	10.016	139	220571	79.667	ng	89
57) 2,4-Dinitrotoluene	10.086	165	184127	42.258	ng	89
58) Fluorene	10.439	166	605381	40.556	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	163310m	41.356	ng	
60) Diethylphthalate	10.316	149	644936	40.411	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	289414	40.233	ng	93
62) 4-Nitroaniline	10.469	138	150332	37.687	ng	92
63) Azobenzene	10.592	77	595509	39.447	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	108747	48.925	ng	95
66) n-Nitrosodiphenylamine	10.551	169	533727	40.974	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	178143	41.110	ng	94
68) Hexachlorobenzene	10.986	284	204984	44.552	ng	96
69) Atrazine	11.080	200	148368	41.178	ng	98
70) Pentachlorophenol	11.186	266	211176	76.763	ng	97
71) Phenanthrene	11.410	178	863005	42.048	ng	99
72) Anthracene	11.457	178	881140	41.276	ng	100
73) Carbazole	11.616	167	846090	43.301	ng	99
74) Di-n-butylphthalate	11.945	149	977734	42.078	ng	99
75) Fluoranthene	12.604	202	930249	41.925	ng	97
77) Benzidine	12.727	184	139211	23.458	ng	99
78) Pyrene	12.833	202	950419	40.947	ng	99
80) Butylbenzylphthalate	13.457	149	374580	43.029	ng	99
81) Benzo(a)anthracene	14.033	228	736026	42.552	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	166602	30.401	ng	99
83) Chrysene	14.068	228	692718	41.348	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	439372	43.925	ng	99
85) Di-n-octyl phthalate	14.639	149	634086	43.141	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	657470	46.051	ng	97
88) Benzo(b)fluoranthene	15.098	252	597305	49.371	ng	99
89) Benzo(k)fluoranthene	15.133	252	558707m	45.357	ng	
90) Benzo(a)pyrene	15.480	252	504751	43.145	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	550317	47.191	ng	96
92) Benzo(g,h,i)perylene	17.562	276	550422	45.770	ng	98

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

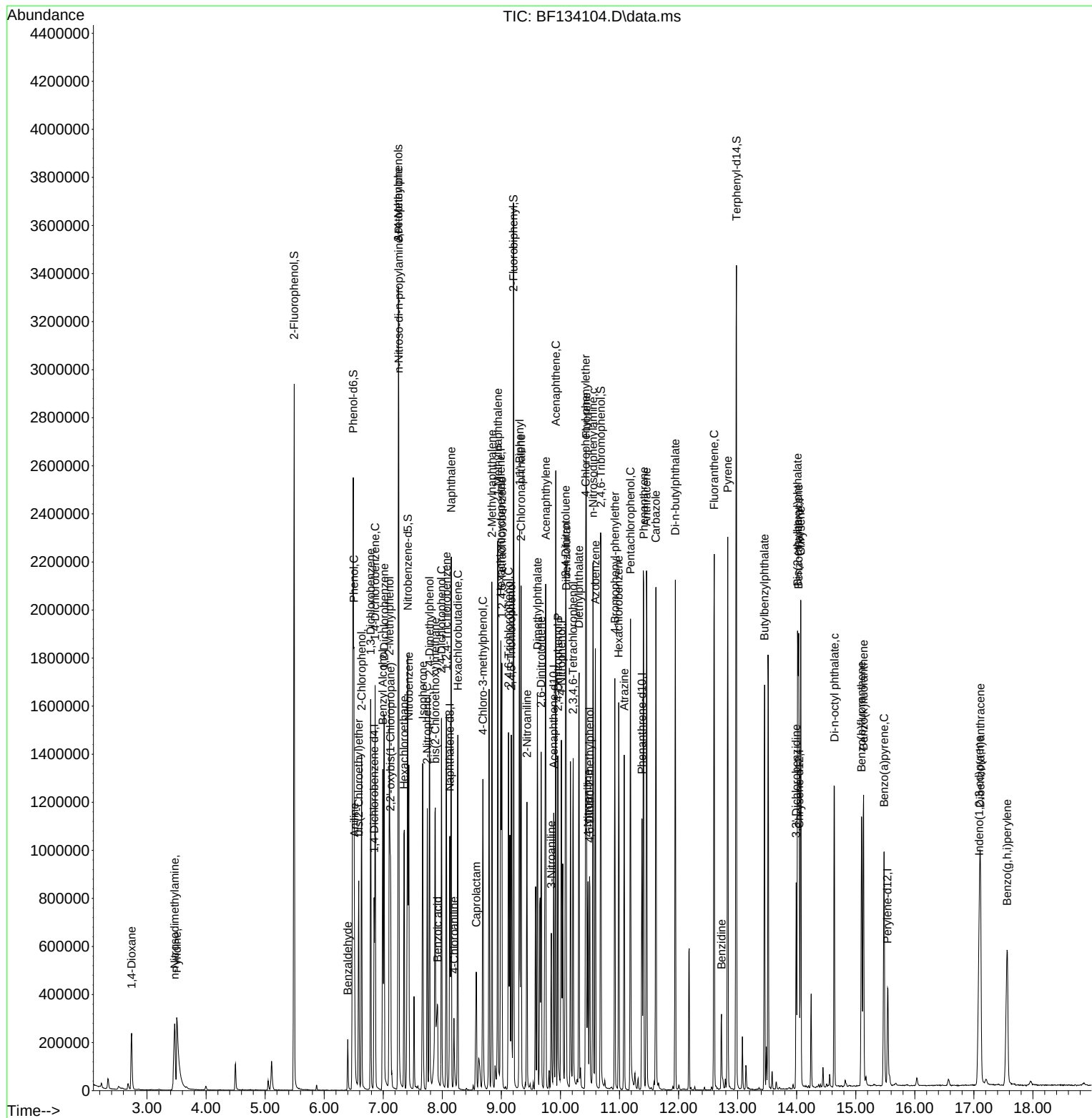
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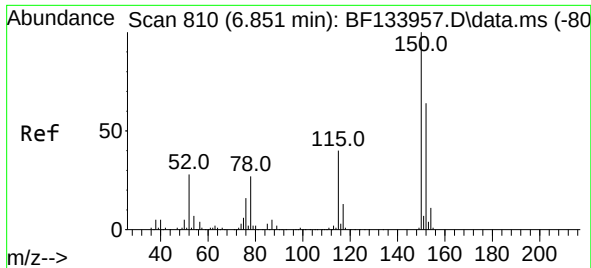
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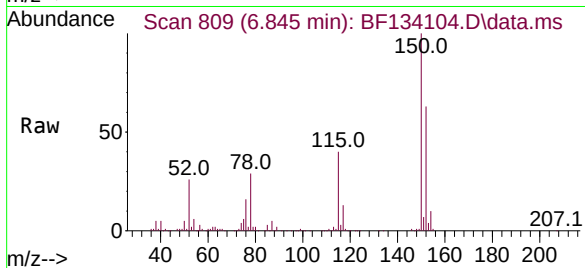
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF134104.D
 Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



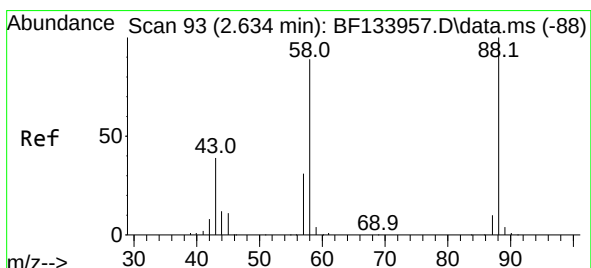
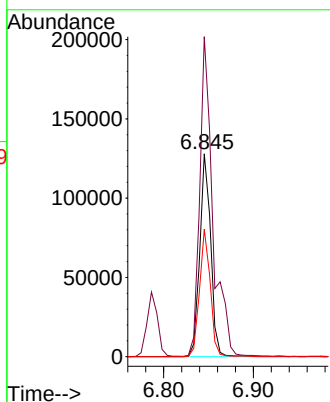
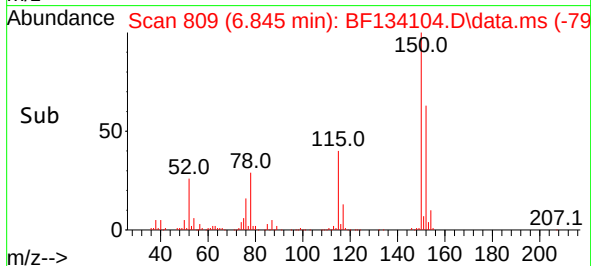
Tgt Ion:152 Resp: 108650
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.5 186.7
 115 62.8 50.2 75.2

Manual Integrations

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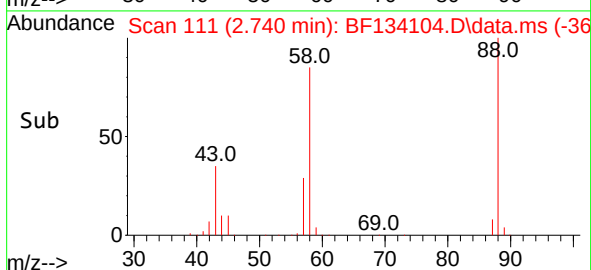
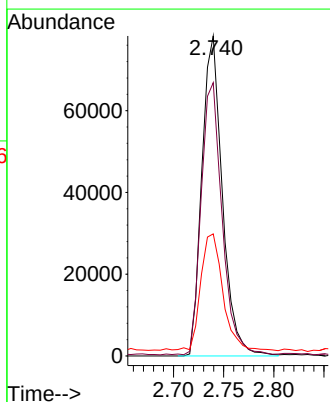
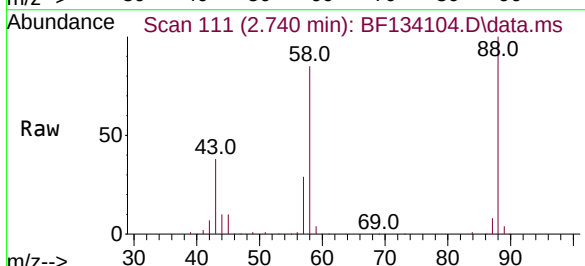
Reviewed By :Yogesh Patel 07/07/2023

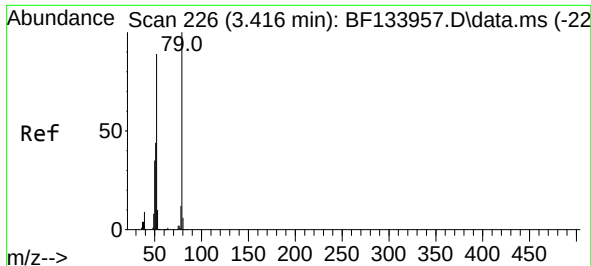
Supervised By :mohammad ahmed 07/07/2023



#2
 1,4-Dioxane
 Concen: 41.677 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.094 min
 Lab File: BF134104.D
 Acq: 06 Jul 2023 18:52

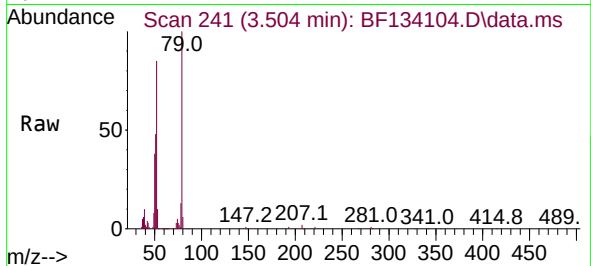
Tgt Ion: 88 Resp: 111619
 Ion Ratio Lower Upper
 88 100
 58 87.0 68.8 103.2
 43 39.8 30.7 46.1





#3
Pyridine
Concen: 34.062 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.070 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

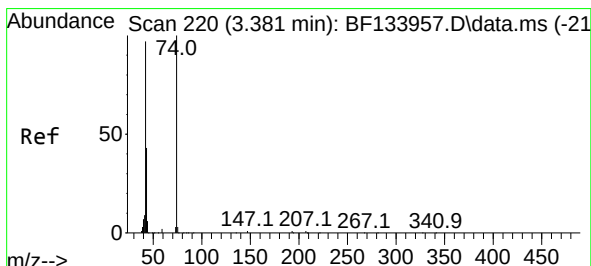
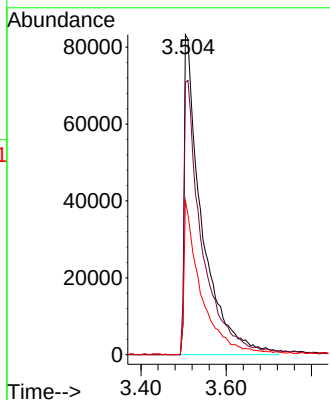
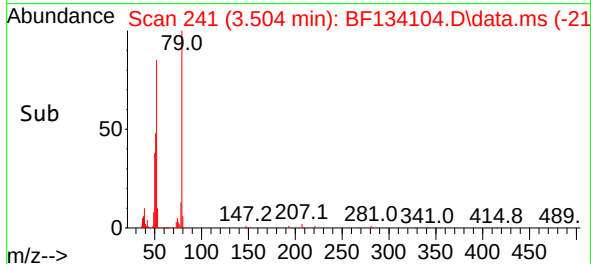
Instrument :
BNA_F
ClientSampleId :
PB153909BS



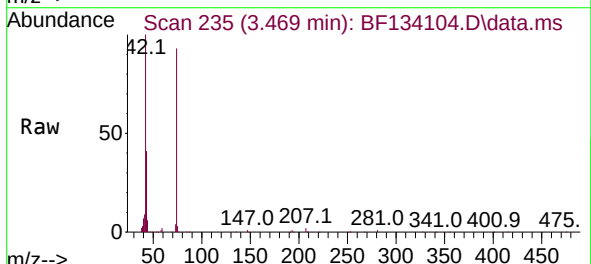
Tgt Ion: 79 Resp: 237614
Ion Ratio Lower Upper
79 100
52 85.1 71.1 106.7
51 48.1 35.2 52.8

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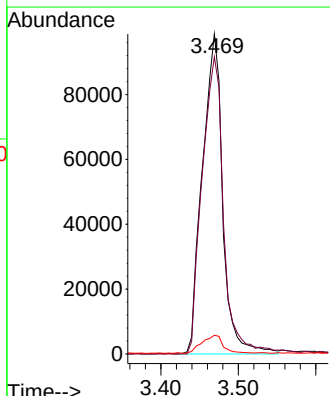
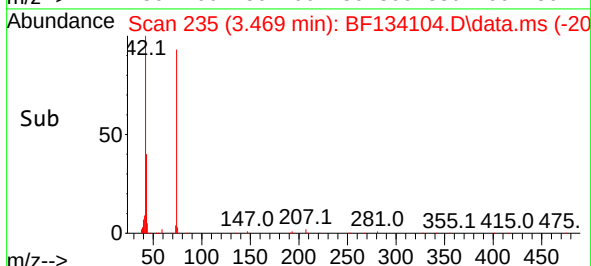
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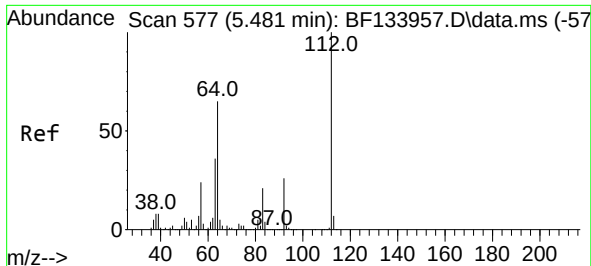


#4
n-Nitrosodimethylamine
Concen: 45.243 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.065 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



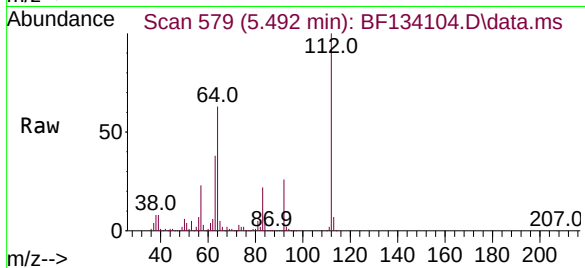
Tgt Ion: 42 Resp: 180258
Ion Ratio Lower Upper
42 100
74 92.8 82.4 123.6
44 5.9 4.9 7.3





#5
2-Fluorophenol
Concen: 116.466 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

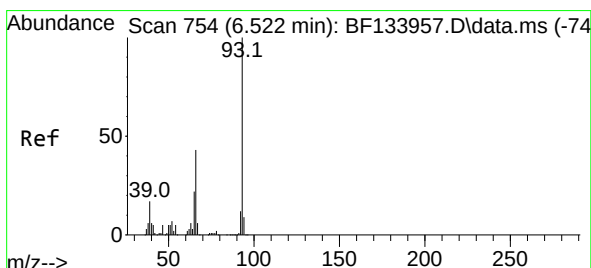
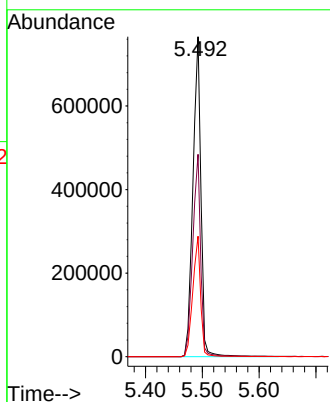
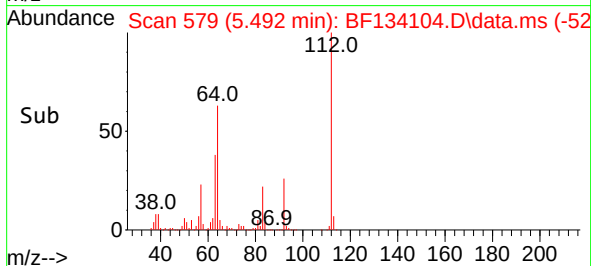
Instrument :
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Tgt Ion:112 Resp: 75647
Ion Ratio Lower Upper
112 100
64 63.2 52.1 78.1
63 37.7 28.6 42.8

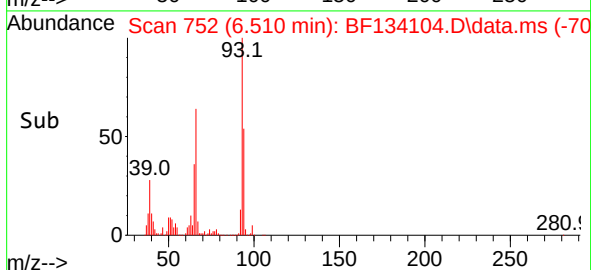
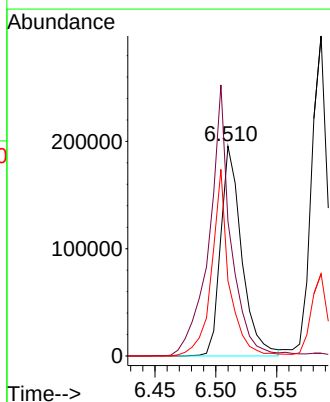
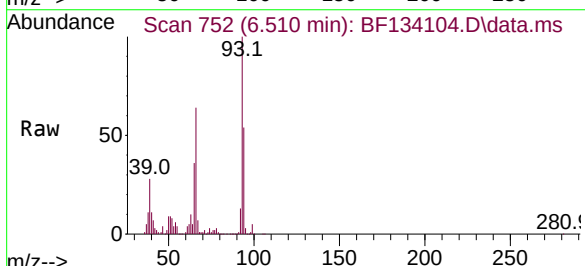
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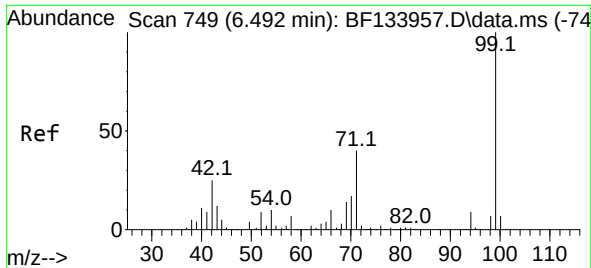
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#6
Aniline
Concen: 24.284 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

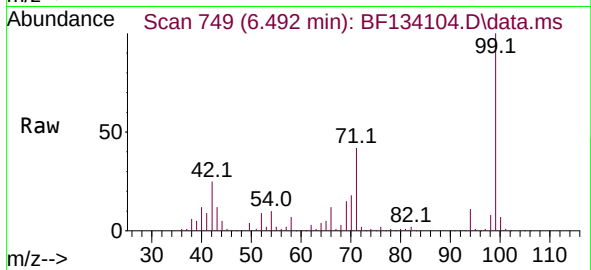
Tgt Ion: 93 Resp: 236047
Ion Ratio Lower Upper
93 100
66 64.1 34.5 51.7#
65 35.9 17.8 26.6#





#7
Phenol-d6
Concen: 113.524 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

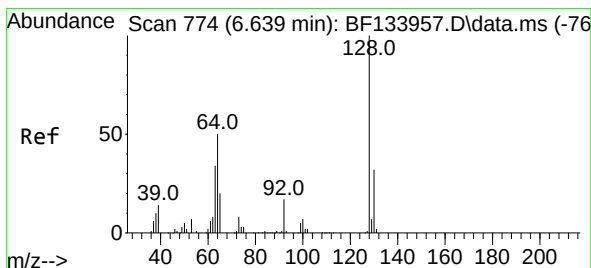
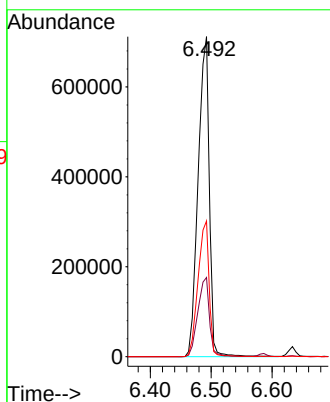
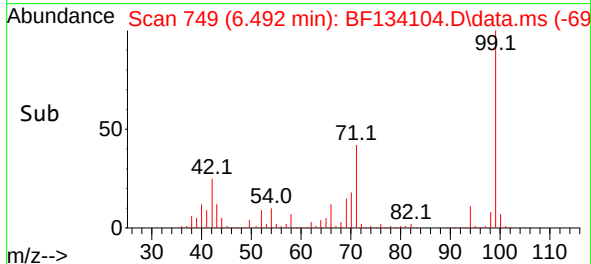
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Tgt Ion: 99 Resp: 90681
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 42.4 31.9 47.9

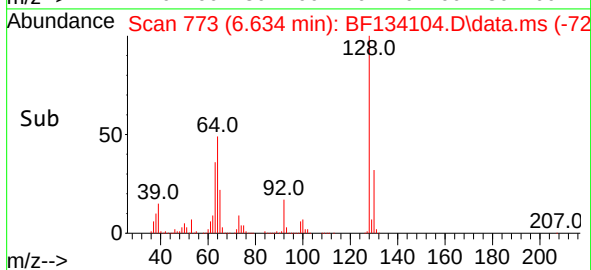
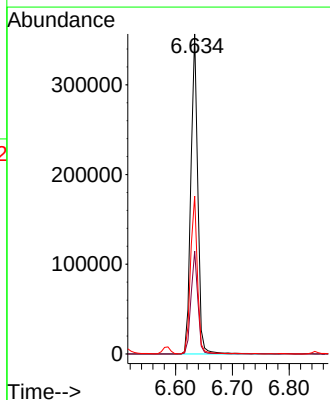
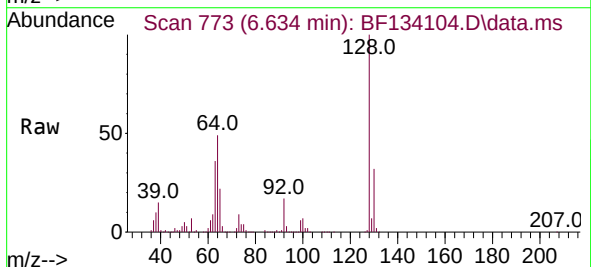
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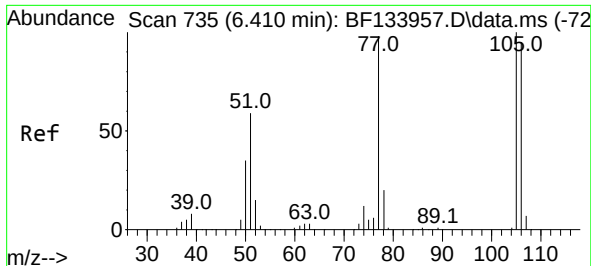
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#8
2-Chlorophenol
Concen: 45.863 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion:128 Resp: 302396
Ion Ratio Lower Upper
128 100
130 32.2 11.7 51.7
64 49.3 31.3 71.3





#9

Benzaldehyde

Concen: 6.171 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134104.D

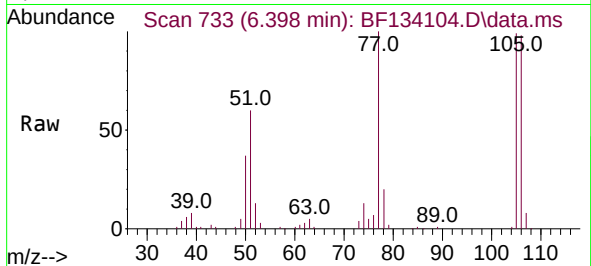
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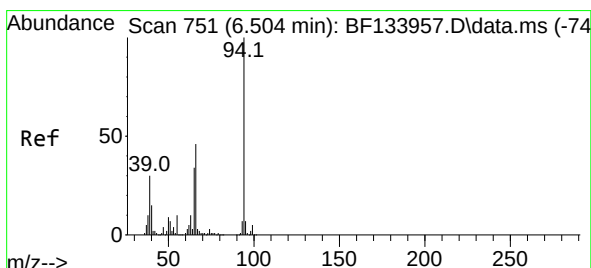
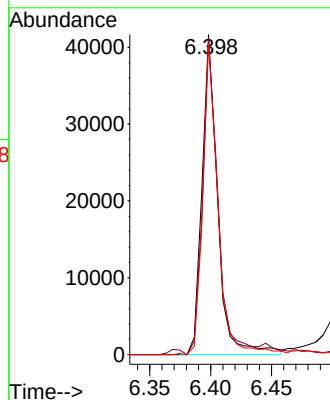
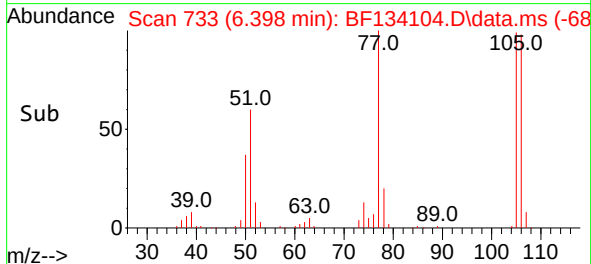
Tgt Ion:	77	Resp:	37319
Ion	Ratio	Lower	Upper
77	100		
105	98.9	82.0	122.0
106	97.5	76.9	116.9

Manual Integrations

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#10

Phenol

Concen: 42.322 ng

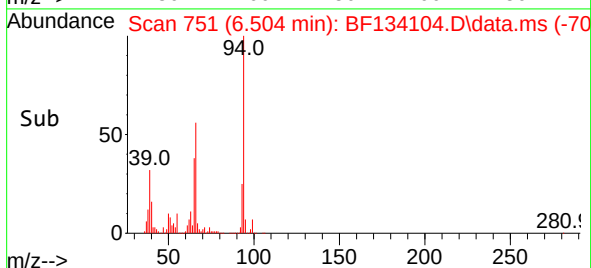
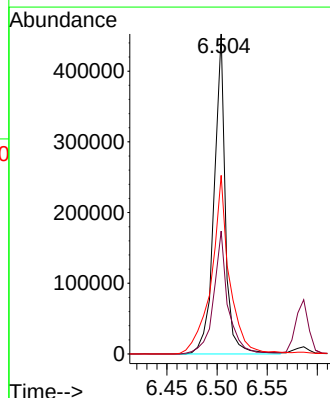
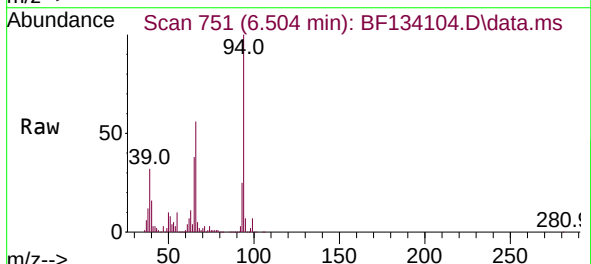
RT: 6.504 min Scan# 751

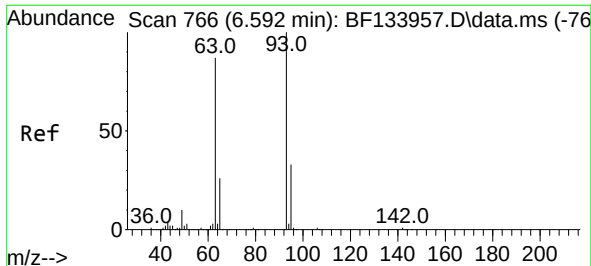
Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Tgt Ion:	94	Resp:	355445
Ion	Ratio	Lower	Upper
94	100		
65	38.4	14.2	54.2
66	55.8	26.4	66.4





#11

bis(2-Chloroethyl)ether

Concen: 43.875 ng

RT: 6.586 min Scan# 709

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion: 93 Resp: 27129

Ion Ratio Lower Upper

93 100

63 82.8 66.5 106.5

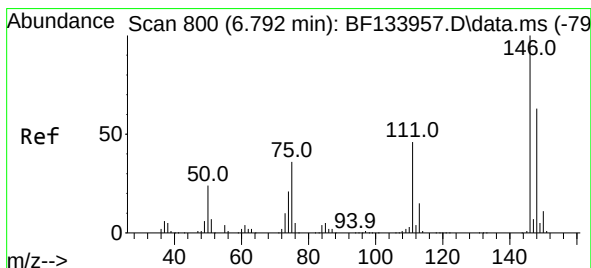
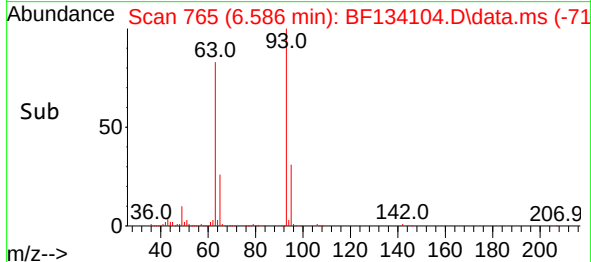
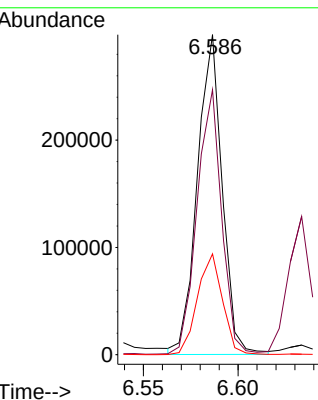
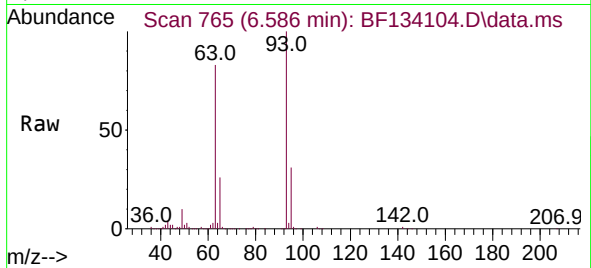
95 31.5 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#12

1,3-Dichlorobenzene

Concen: 44.730 ng

RT: 6.786 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

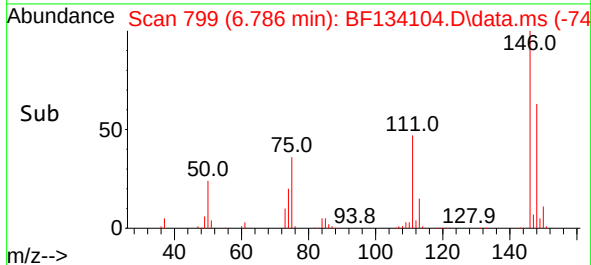
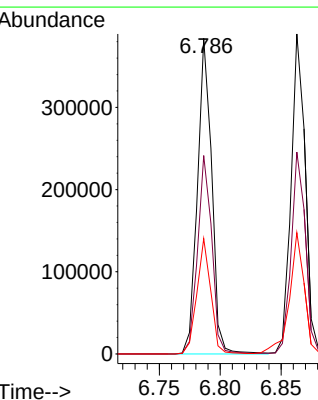
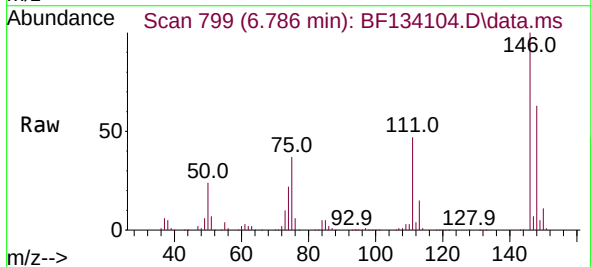
Tgt Ion:146 Resp: 314421

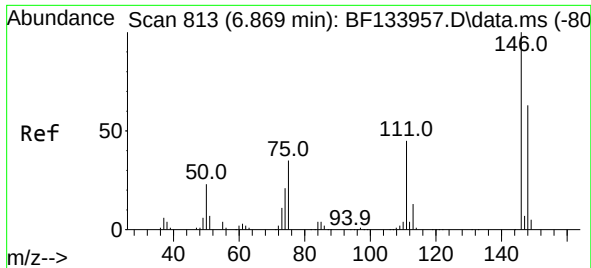
Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

75 36.6 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.174 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion:146 Resp: 32073

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

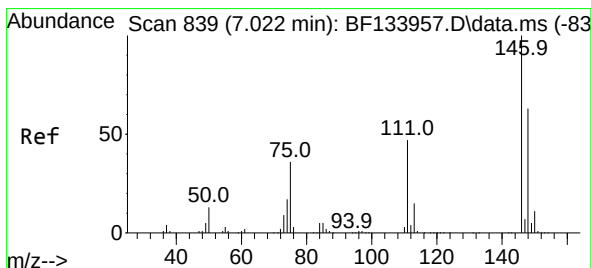
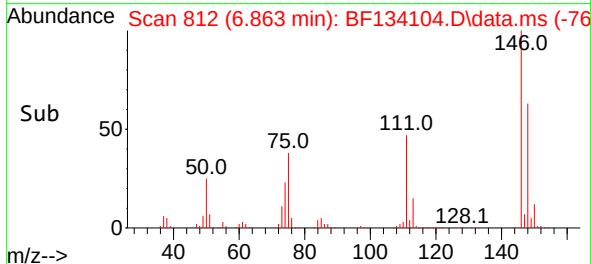
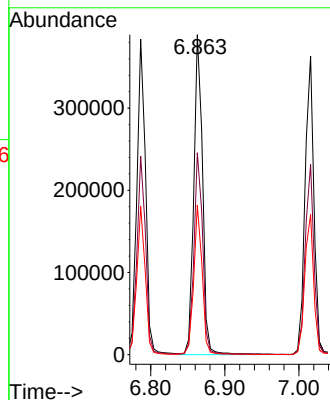
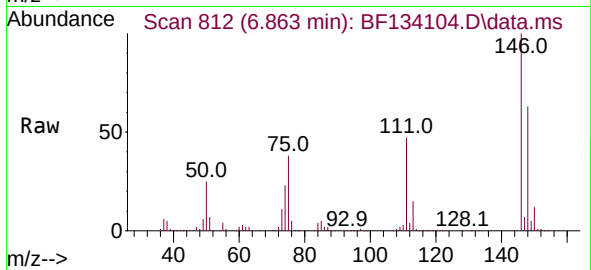
111 46.7 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#14

1,2-Dichlorobenzene

Concen: 45.311 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

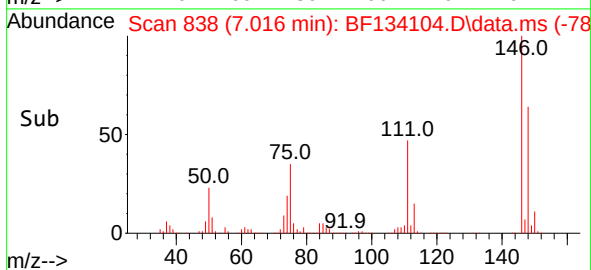
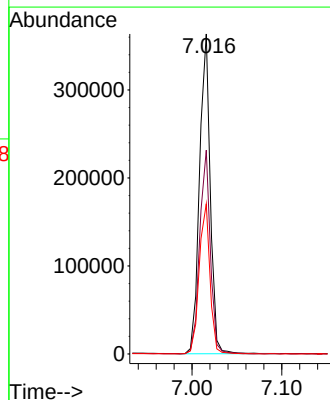
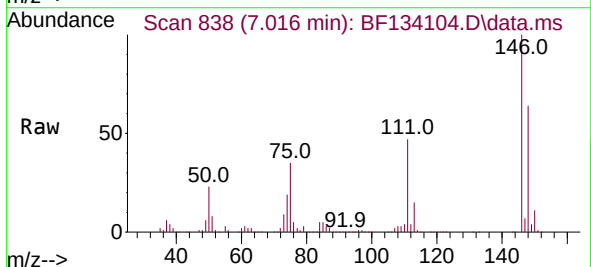
Tgt Ion:146 Resp: 301296

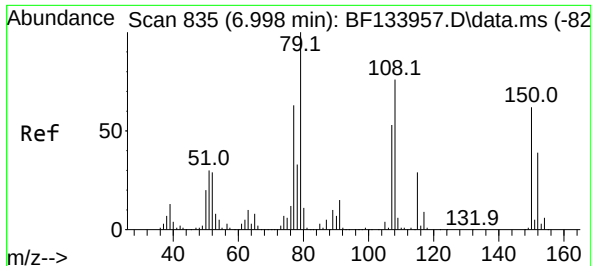
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

111 46.9 38.0 57.0





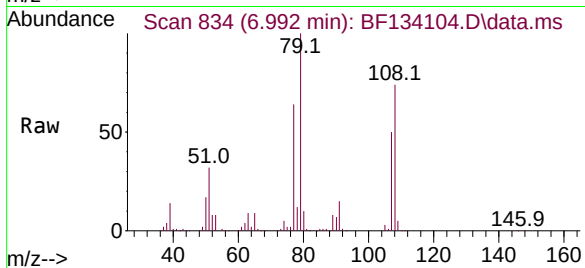
#15
Benzyl Alcohol
Concen: 44.190 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

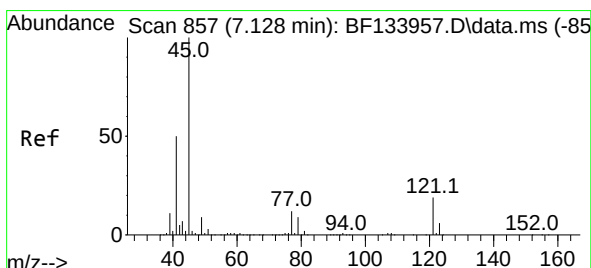
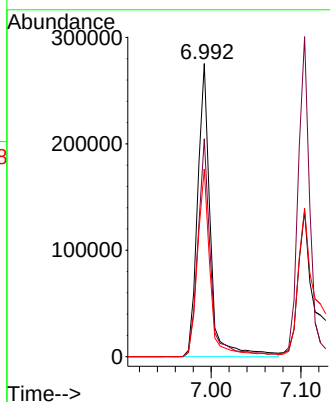
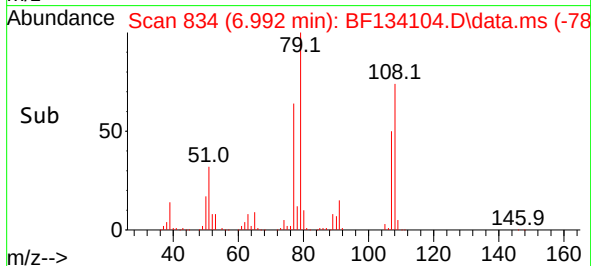


Tgt Ion: 79 Resp: 272110
Ion Ratio Lower Upper
79 100
108 74.3 60.7 91.1
77 64.0 50.6 75.8

Manual Integrations

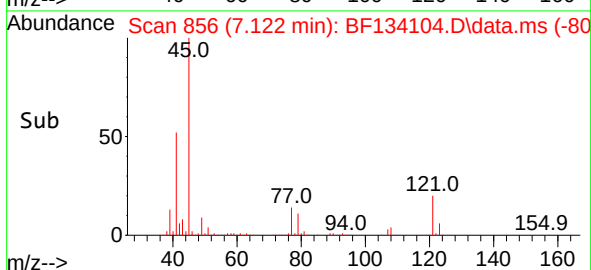
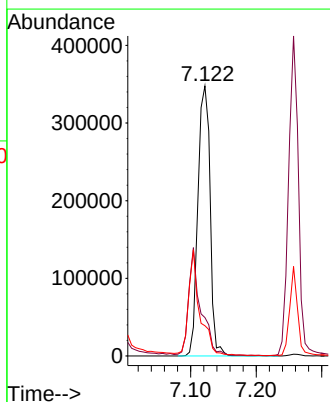
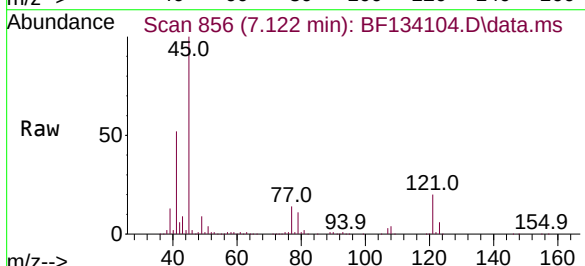
APPROVED

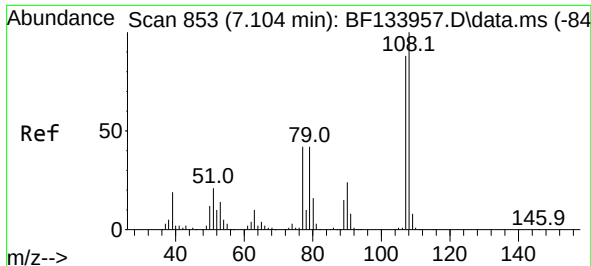
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.134 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion: 45 Resp: 449965
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.9
79 11.2 0.0 29.5





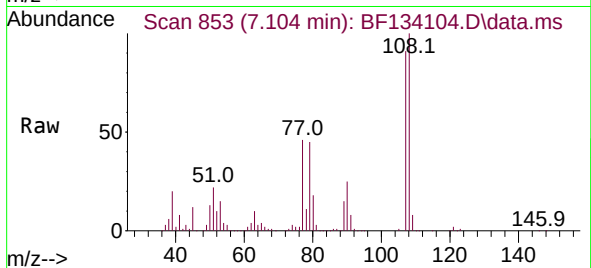
#17
2-Methylphenol
Concen: 42.062 ng
RT: 7.104 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

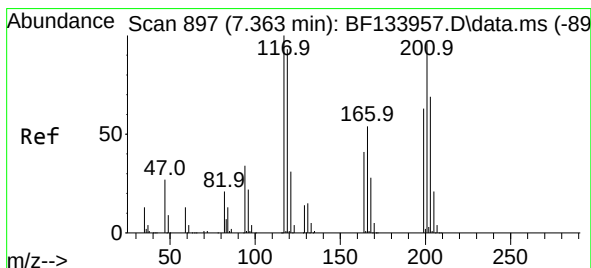
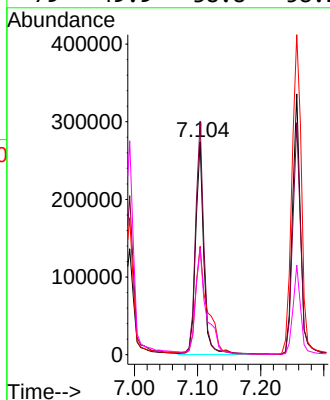
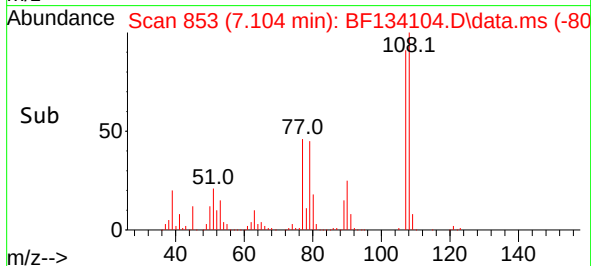


Tgt Ion:107 Resp: 248344
Ion Ratio Lower Upper
107 100
108 109.6 90.6 136.0
77 50.9 38.3 57.5
79 49.9 38.8 58.2

Manual Integrations

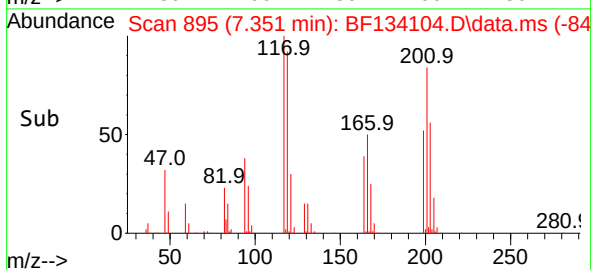
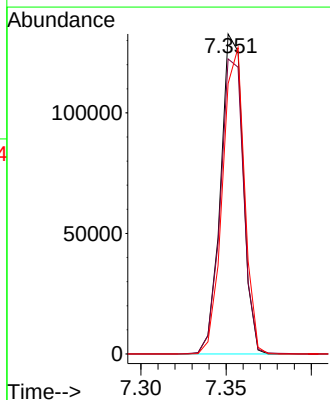
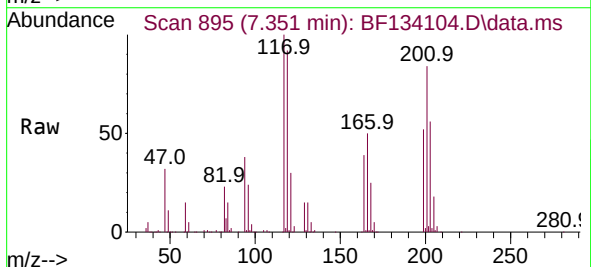
APPROVED

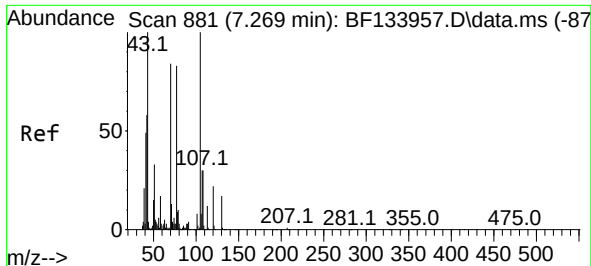
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#18
Hexachloroethane
Concen: 46.326 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion:117 Resp: 121957
Ion Ratio Lower Upper
117 100
119 92.2 74.2 111.4
201 84.5 77.2 115.8





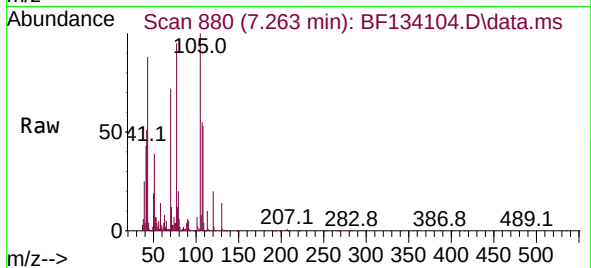
#19
n-Nitroso-di-n-propylamine
Concen: 41.256 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



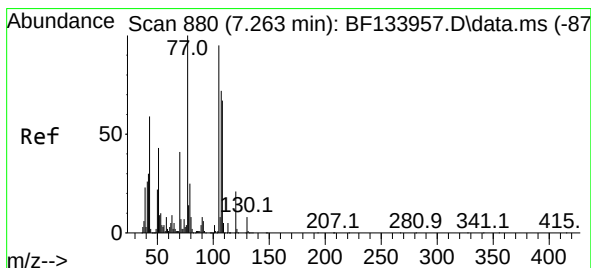
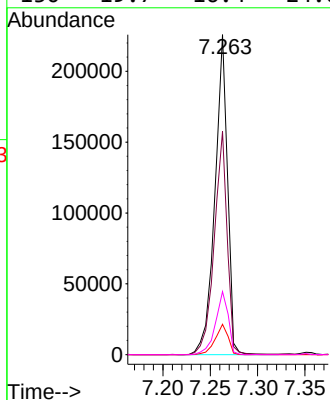
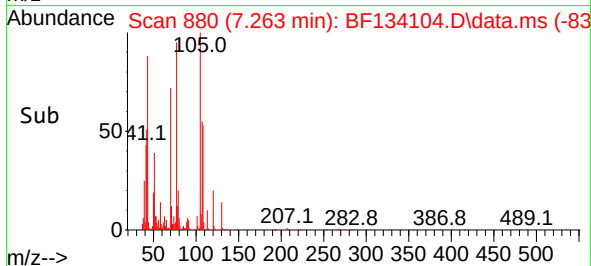
Tgt Ion: 70 Resp: 208988
Ion Ratio Lower Upper
70 100
42 69.7 54.7 82.1
101 9.5 7.7 11.5
130 19.7 16.4 24.6

Manual Integrations

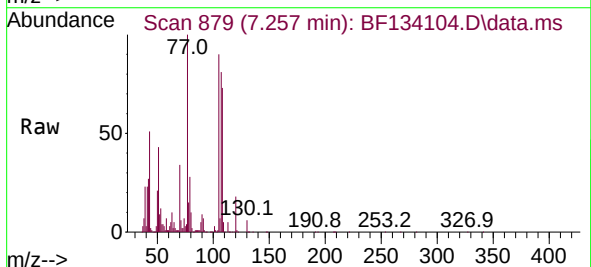
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

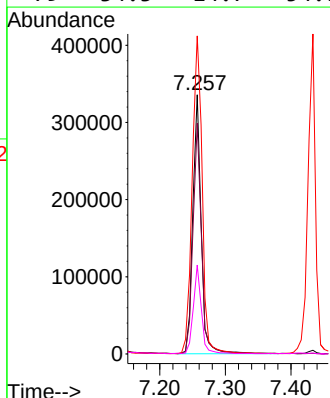
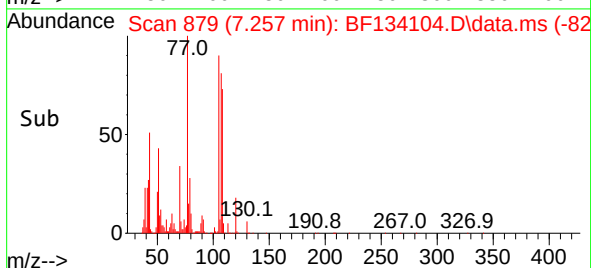
Supervised By :mohammad ahmed 07/07/2023

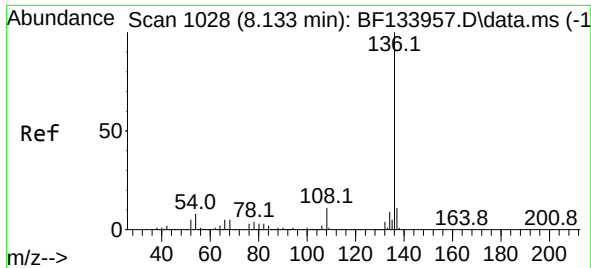


#20
3+4-Methylphenols
Concen: 41.828 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:107 Resp: 299607
Ion Ratio Lower Upper
107 100
108 89.0 73.2 113.2
77 122.7 118.3 158.3
79 34.3 14.7 54.7





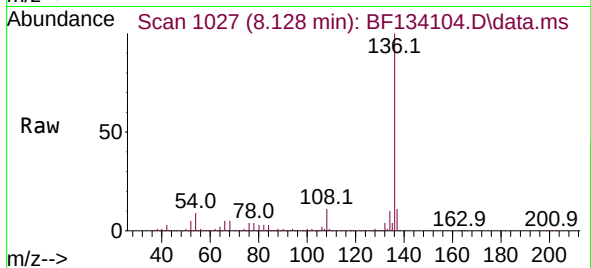
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



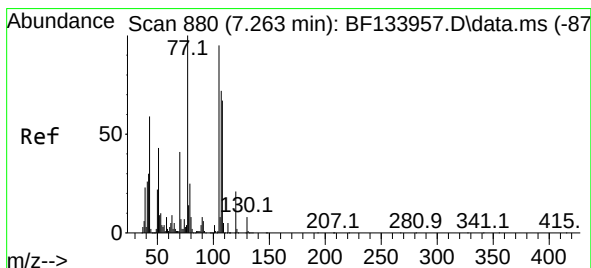
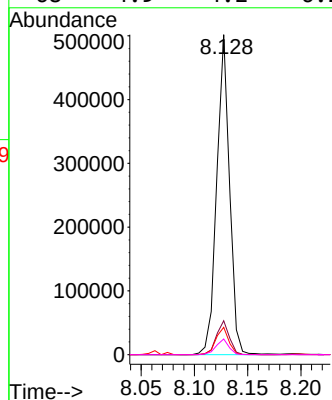
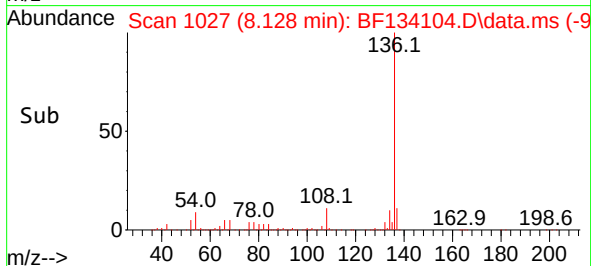
Tgt Ion:136 Resp: 418138
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.5 6.5 9.7
68 4.9 4.2 6.2

Manual Integrations

APPROVED

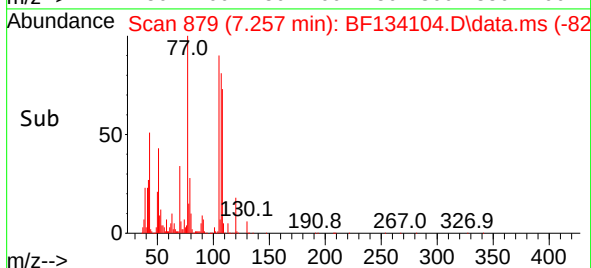
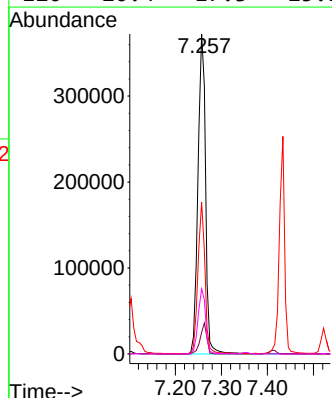
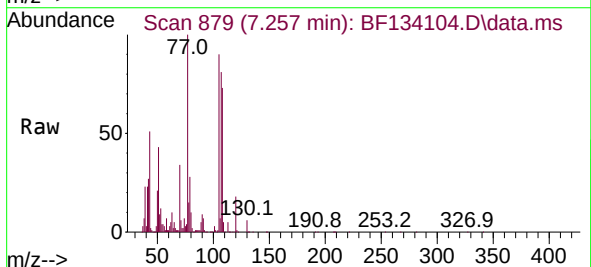
Reviewed By :Yogesh Patel 07/07/2023

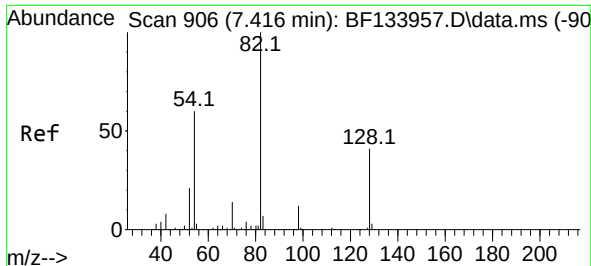
Supervised By :mohammad ahmed 07/07/2023



#22
Acetophenone
Concen: 44.706 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion:105 Resp: 425135
Ion Ratio Lower Upper
105 100
71 6.7 5.5 8.3
51 47.4 36.5 54.7
120 20.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 79.769 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

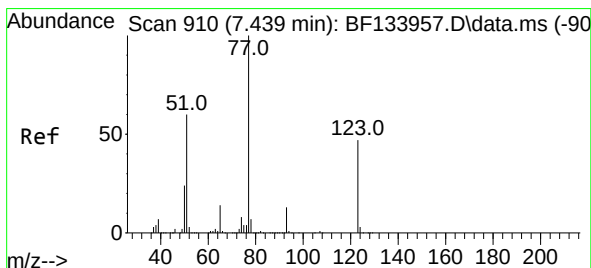
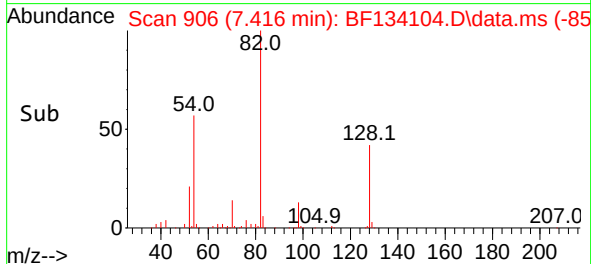
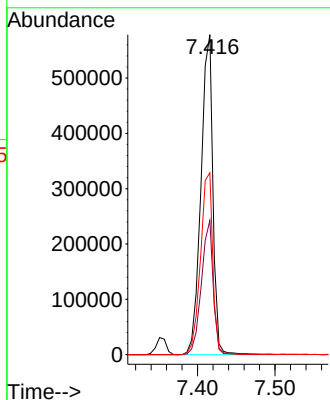
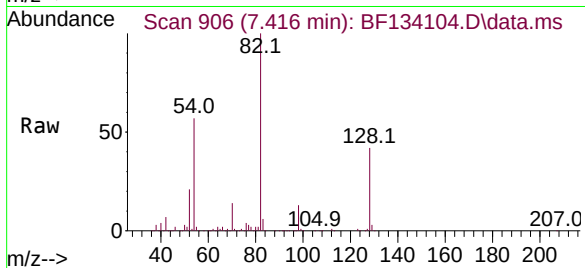
ClientSampleId :

PB153909BS

Tgt Ion: 82 Resp: 61875
 Ion Ratio Lower Upper
 82 100
 128 42.0 32.5 48.7
 54 56.8 48.2 72.2

Manual Integrations
 APPROVED

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



#24

Nitrobenzene

Concen: 41.783 ng

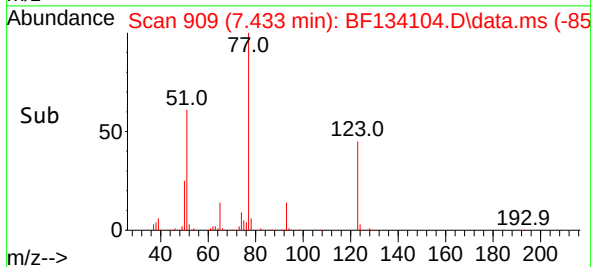
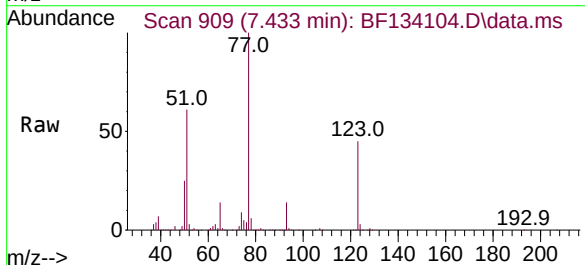
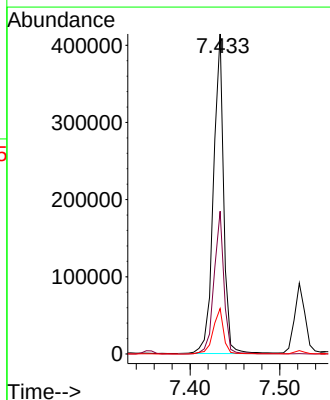
RT: 7.433 min Scan# 909

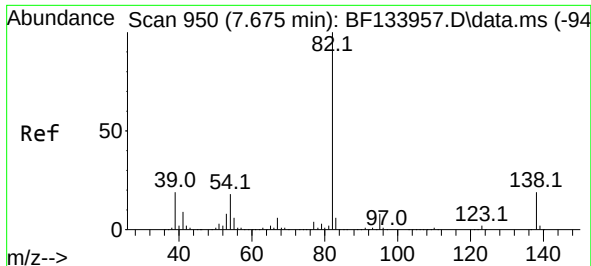
Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Tgt Ion: 77 Resp: 327521
 Ion Ratio Lower Upper
 77 100
 123 44.6 37.8 56.6
 65 14.2 11.3 16.9





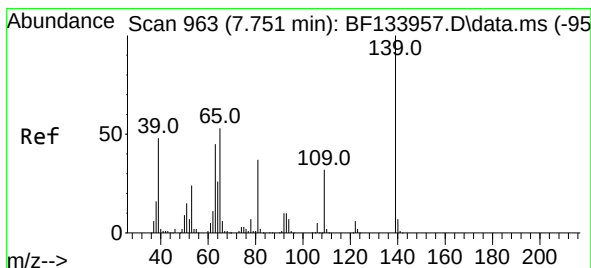
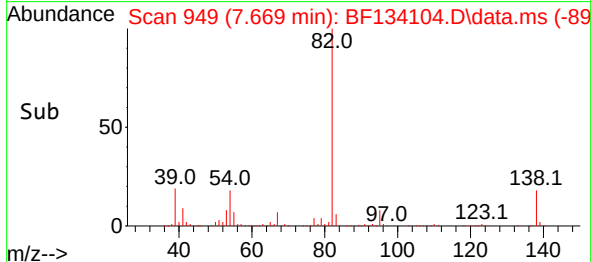
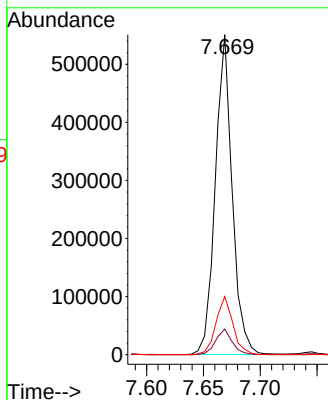
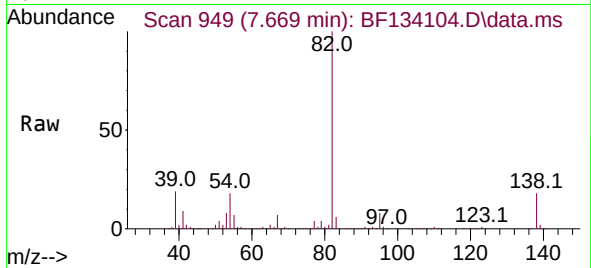
#25
Isophorone
Concen: 40.429 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :
BNA_F
ClientSampleId :
PB153909BS

Tgt Ion: 82 Resp: 569949
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 18.1 15.2 22.8

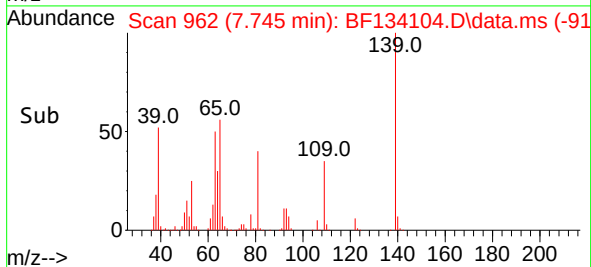
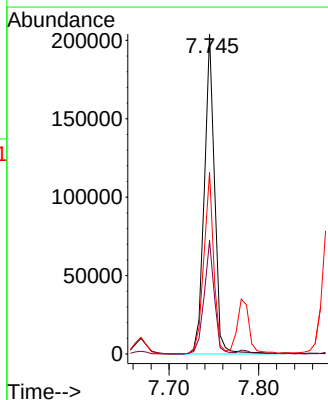
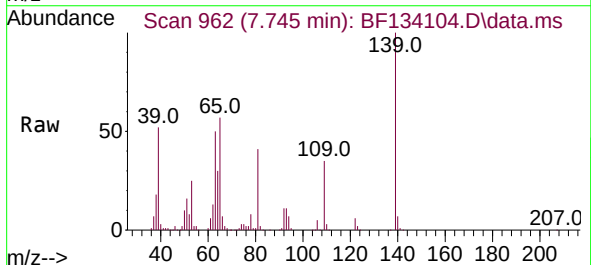
Manual Integrations
APPROVED

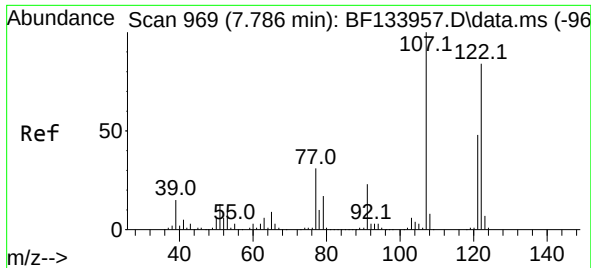
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#26
2-Nitrophenol
Concen: 43.385 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion:139 Resp: 163141
Ion Ratio Lower Upper
139 100
109 35.5 25.8 38.8
65 56.9 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 44.030 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

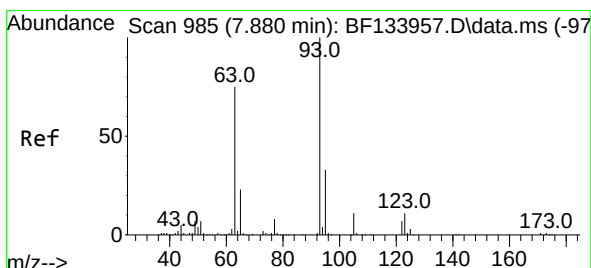
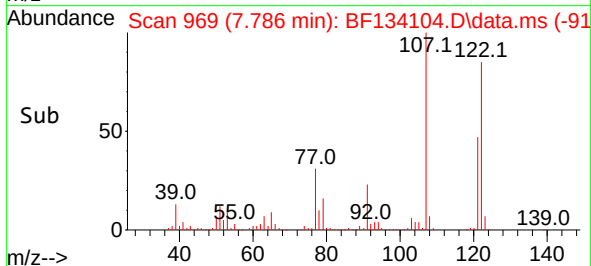
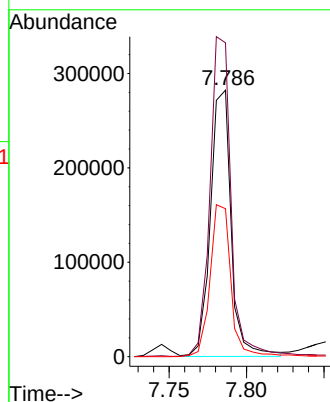
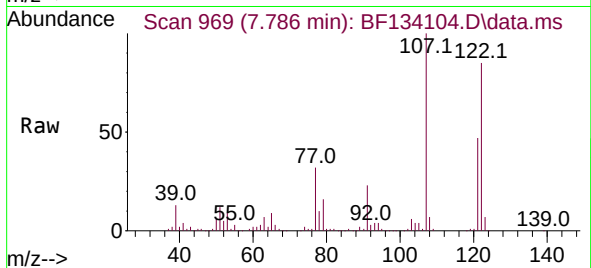
Tgt Ion:122 Resp: 262075
Ion Ratio Lower Upper
122 100
107 117.7 95.5 143.3
121 55.5 45.5 68.3

Manual Integrations

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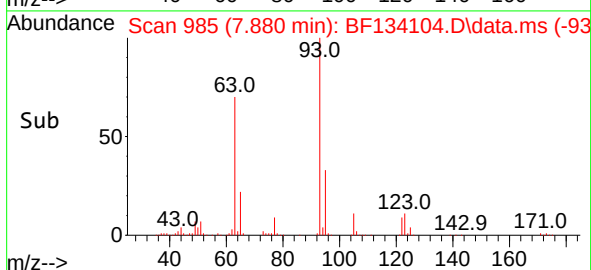
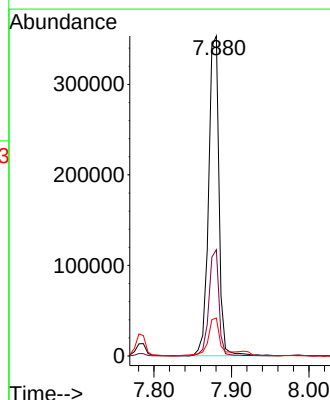
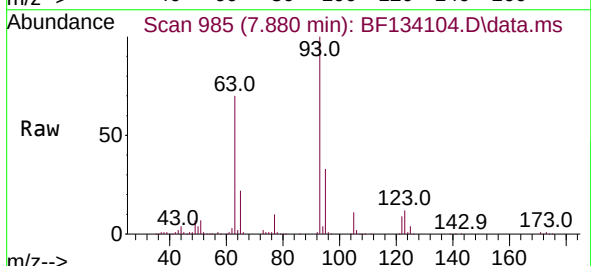
Reviewed By :Yogesh Patel 07/07/2023

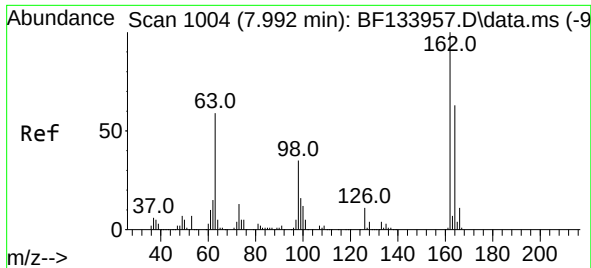
Supervised By :mohammad ahmed 07/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.311 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion: 93 Resp: 329053
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.728 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

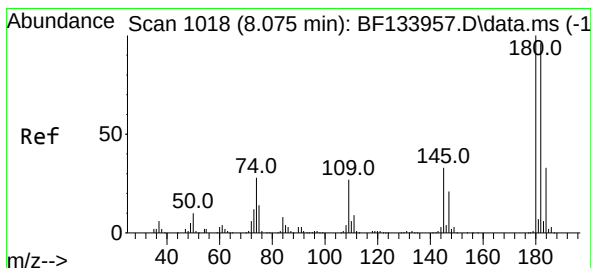
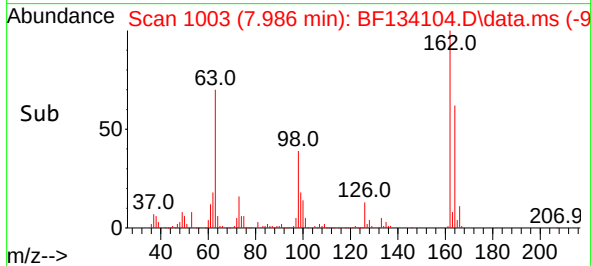
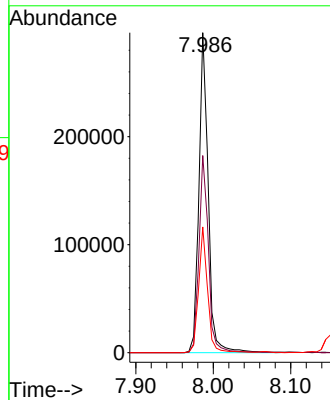
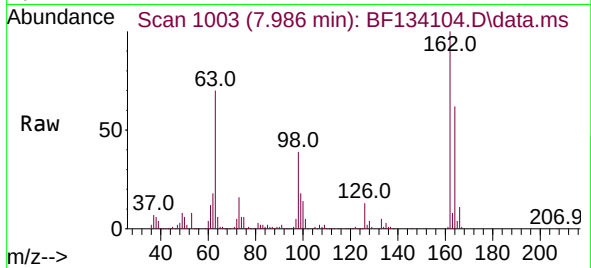
Tgt Ion:162 Resp: 246292
 Ion Ratio Lower Upper
 162 100
 164 61.6 43.2 83.2
 98 39.3 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.763 ng

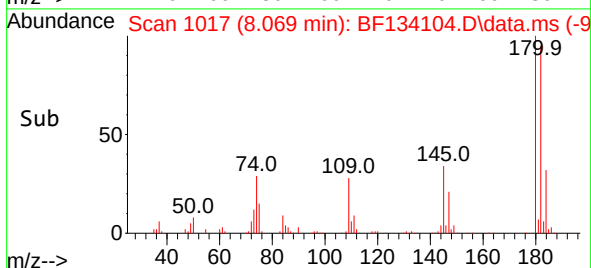
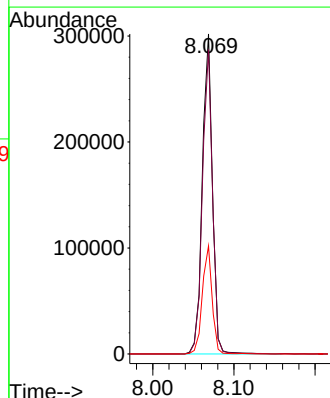
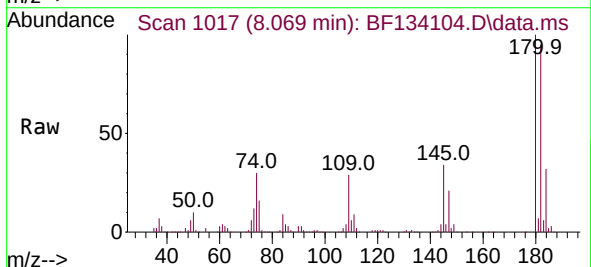
RT: 8.069 min Scan# 1017

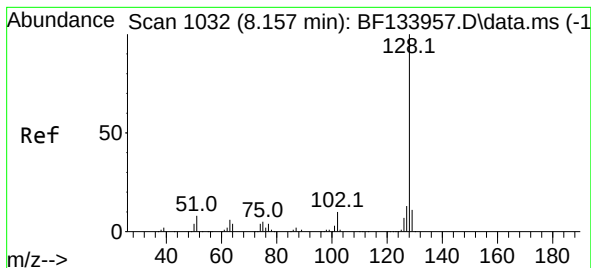
Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Tgt Ion:180 Resp: 260439
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.1 115.7
 145 33.7 26.0 39.0





#31

Naphthalene

Concen: 40.205 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion:128 Resp: 812039

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

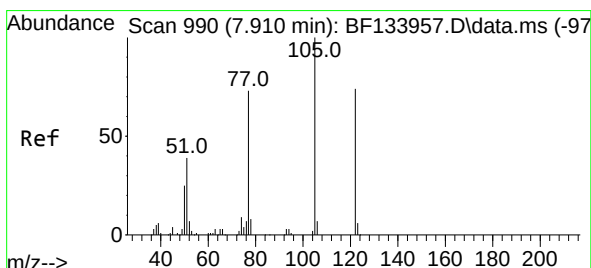
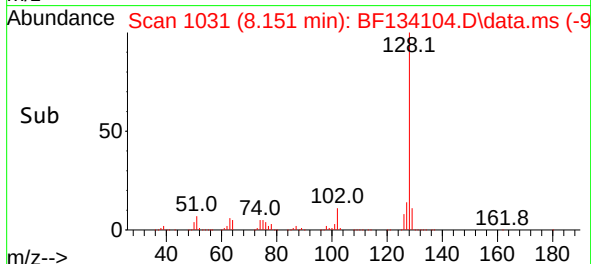
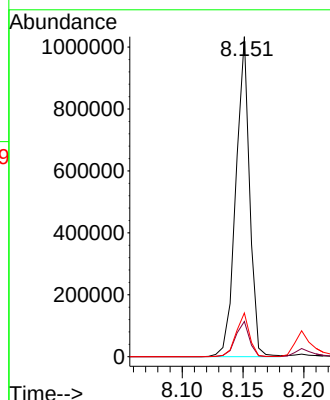
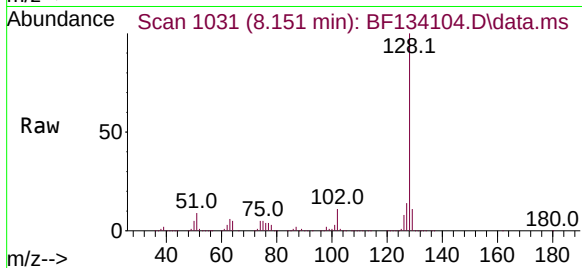
127 13.7 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#32

Benzoic acid

Concen: 44.980 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

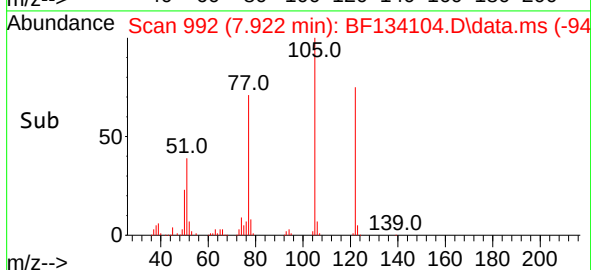
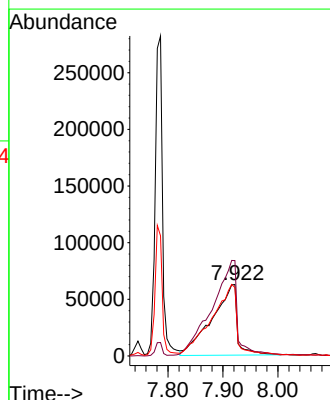
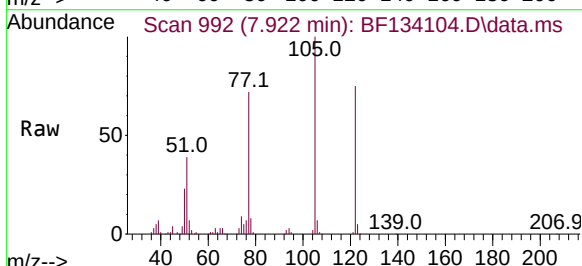
Tgt Ion:122 Resp: 200621

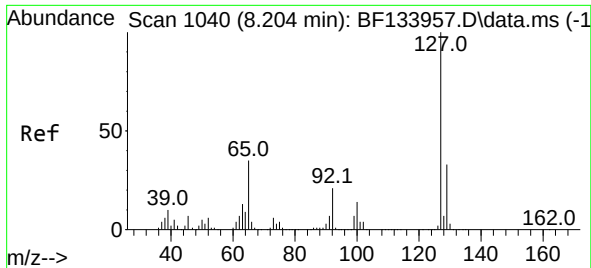
Ion Ratio Lower Upper

122 100

105 133.5 109.7 149.7

77 95.8 76.0 116.0





#33
4-Chloroaniline
Concen: 10.101 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

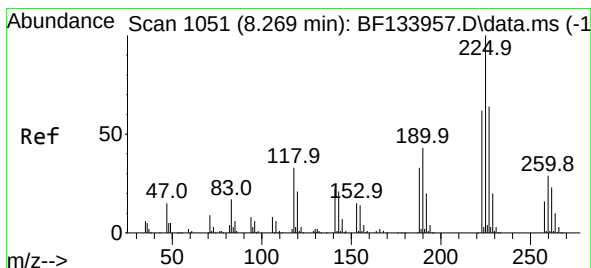
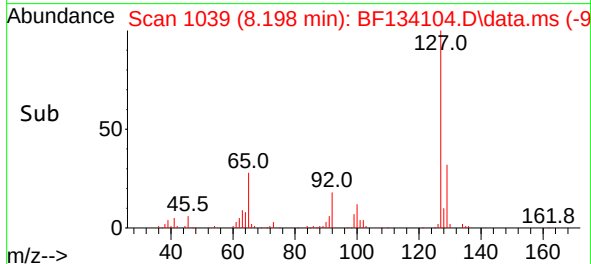
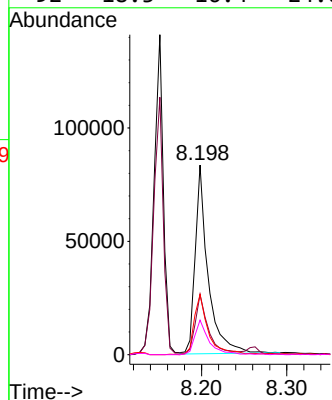
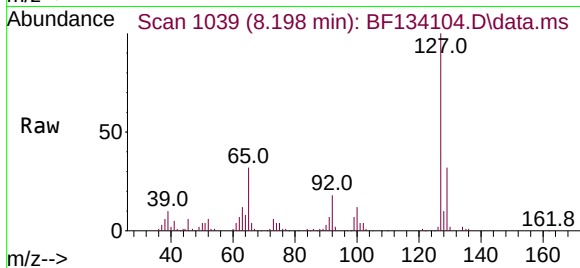
PB153909BS

Tgt Ion:	127	Resp:	8727
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.4	39.6
65	31.7	27.8	41.8
92	18.3	16.4	24.6

Manual Integrations

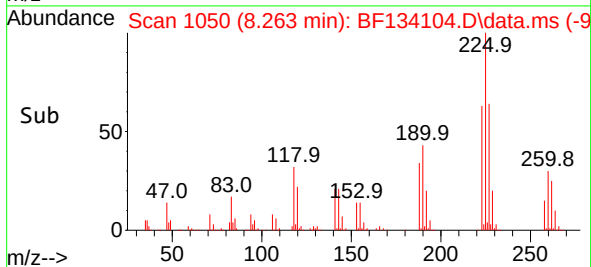
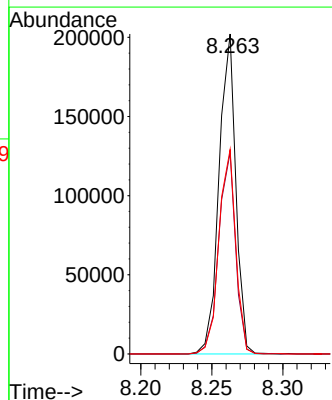
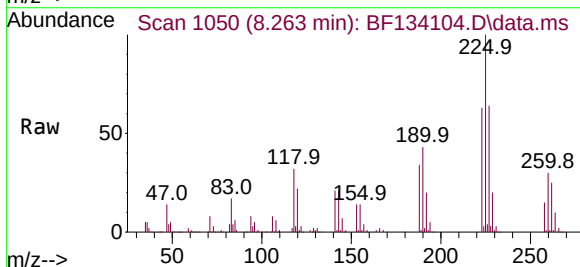
APPROVED

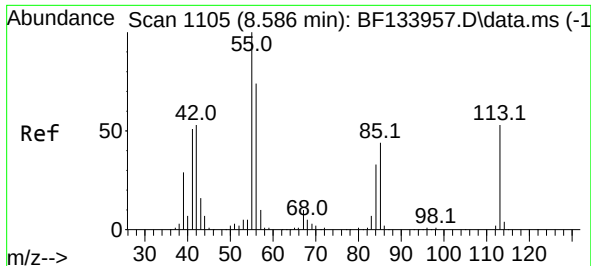
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#34
Hexachlorobutadiene
Concen: 43.061 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

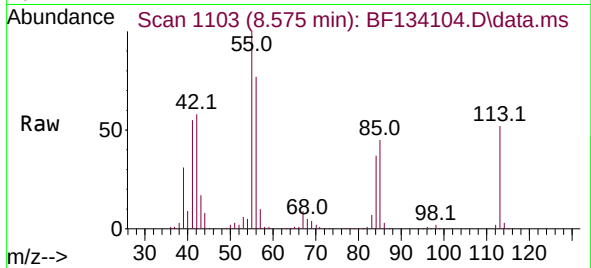
Tgt Ion:	225	Resp:	165429
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.8	74.8
227	63.9	51.0	76.4





#35
 Caprolactam
 Concen: 43.676 ng m
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: BF134104.D
 Acq: 06 Jul 2023 18:52

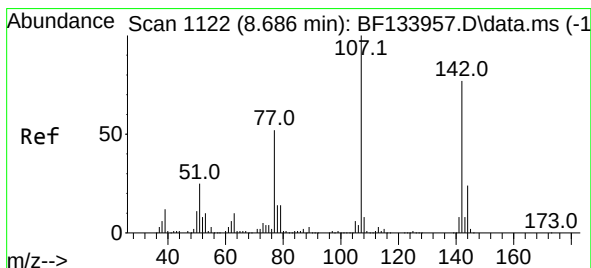
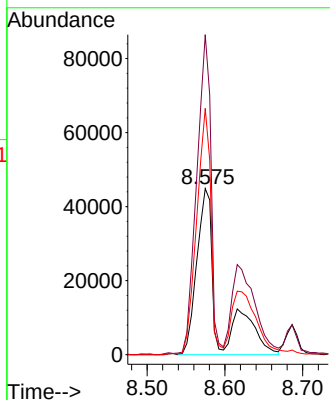
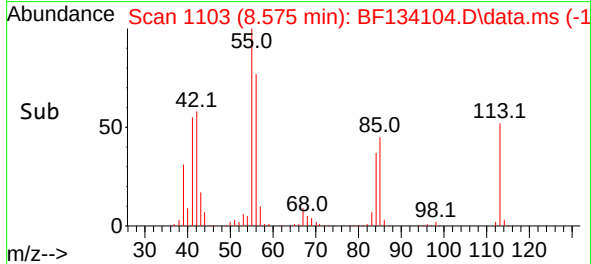
Instrument :
 BNA_F
 ClientSampleId :
 PB153909BS



Tgt Ion:113 Resp: 8488
 Ion Ratio Lower Upper
 113 100
 55 192.7 170.2 210.2
 56 148.3 121.4 161.4

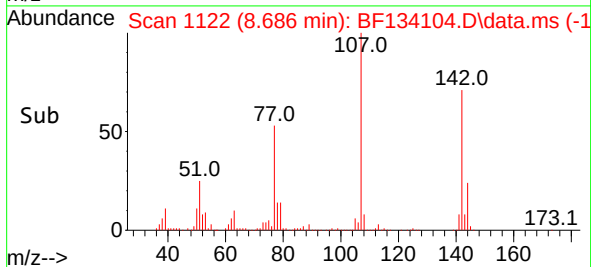
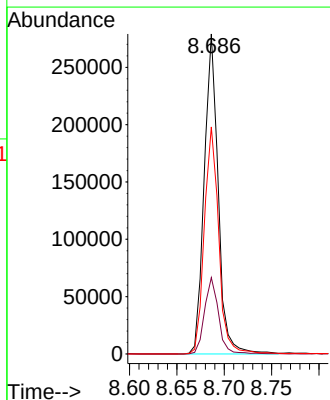
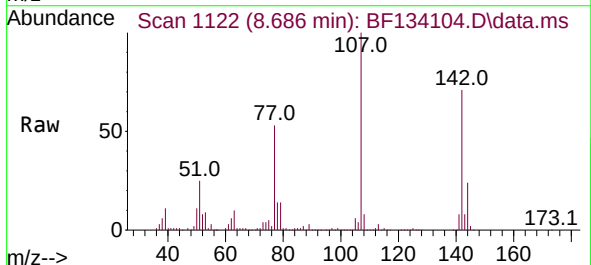
Manual Integrations
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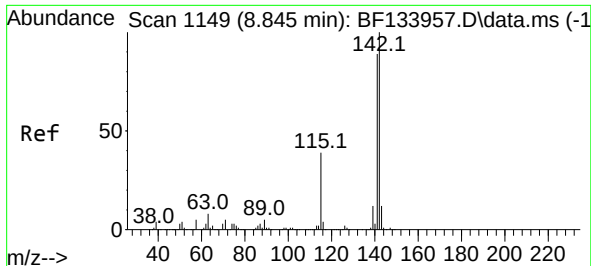
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.090 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. -0.000 min
 Lab File: BF134104.D
 Acq: 06 Jul 2023 18:52

Tgt Ion:107 Resp: 285718
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.6 29.4
 142 70.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 38.890 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion:142 Resp: 555449

Ion Ratio Lower Upper

142 100

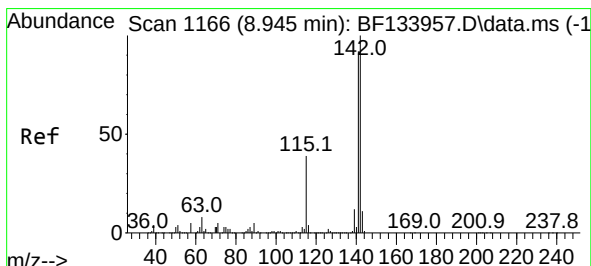
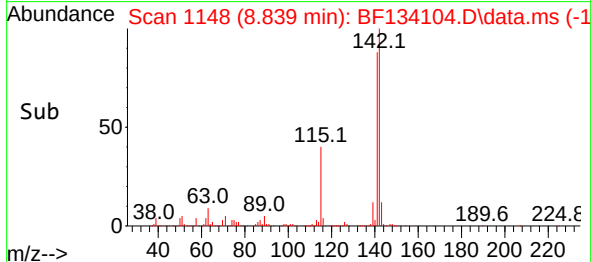
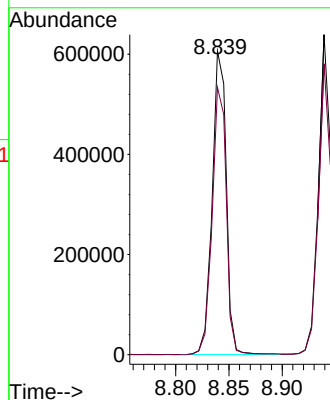
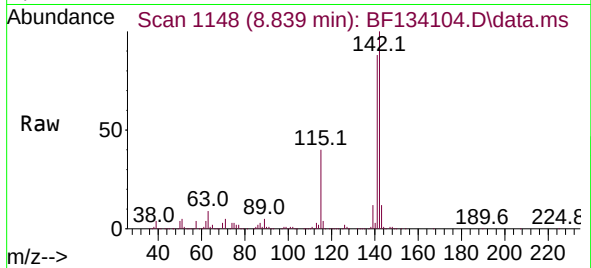
141 88.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#38

1-Methylnaphthalene

Concen: 38.945 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134104.D

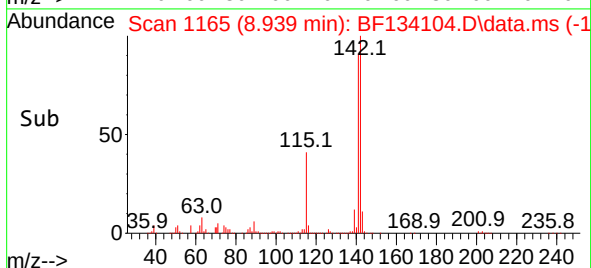
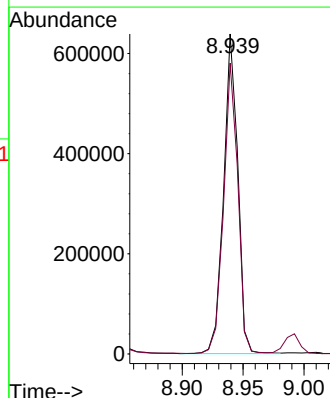
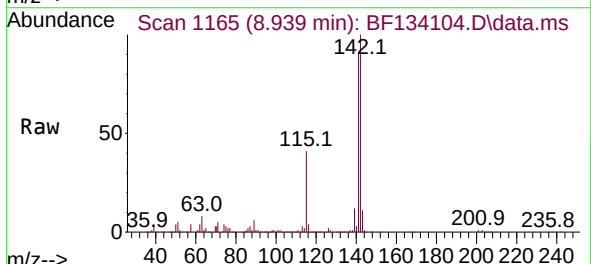
Acq: 06 Jul 2023 18:52

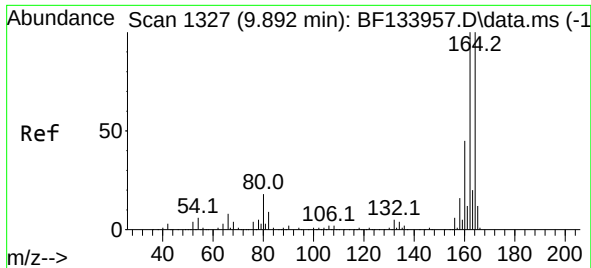
Tgt Ion:142 Resp: 517105

Ion Ratio Lower Upper

142 100

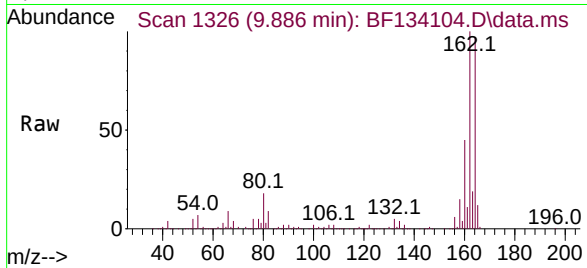
141 90.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

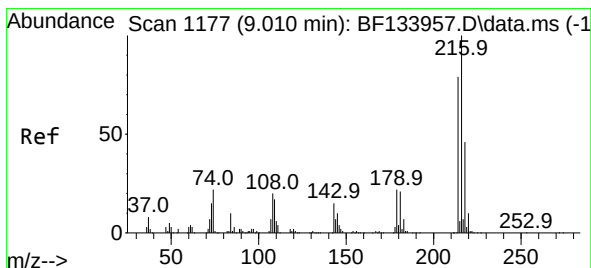
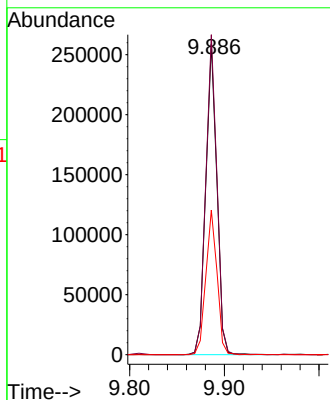
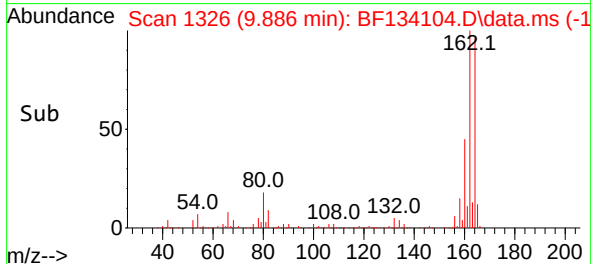
Instrument :
BNA_F
ClientSampleId :
PB153909BS



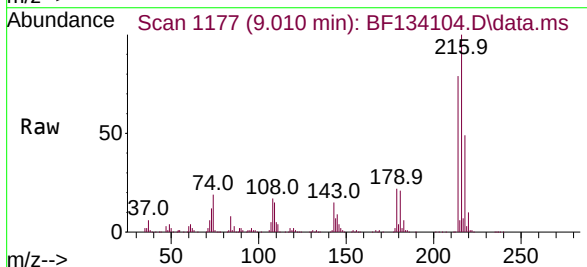
Tgt Ion:164 Resp: 211020
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 46.5 35.9 53.9

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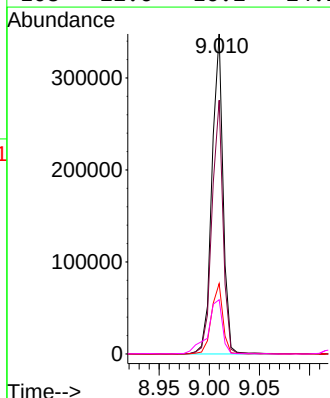
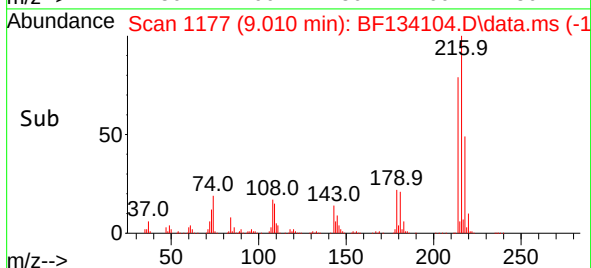
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

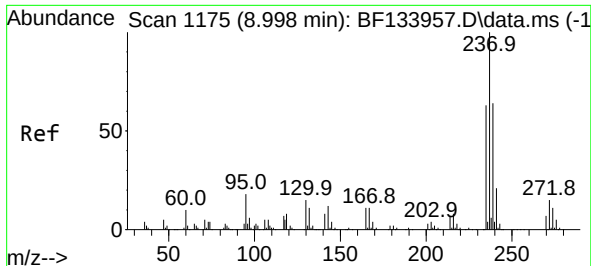


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.882 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



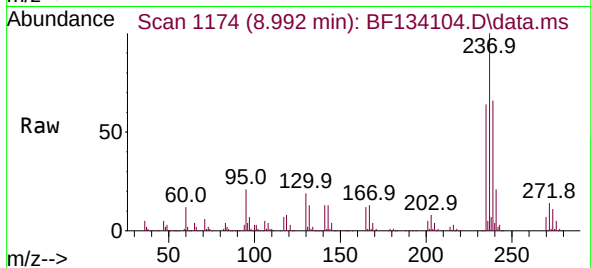
Tgt Ion:216 Resp: 268096
Ion Ratio Lower Upper
216 100
214 79.1 64.1 96.1
179 22.6 17.3 25.9
108 22.6 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 90.937 ng
RT: 8.992 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

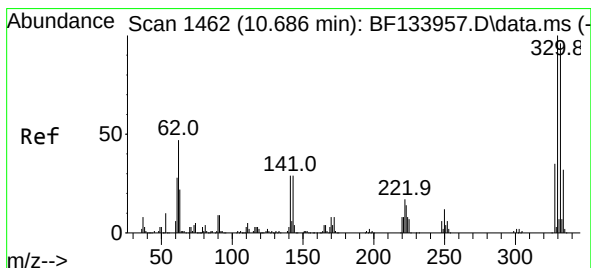
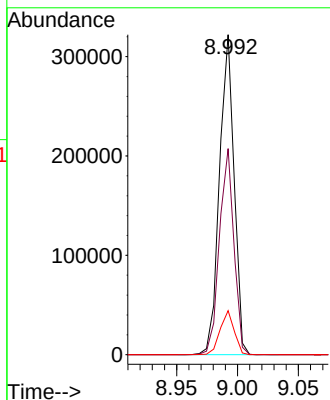
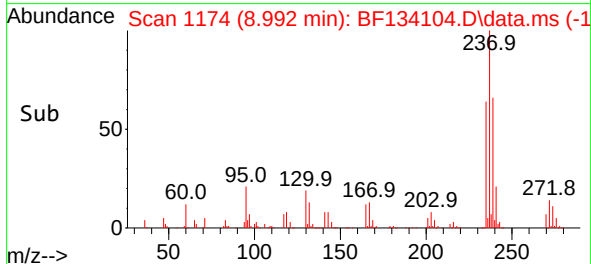
Instrument :
BNA_F
ClientSampleId :
PB153909BS



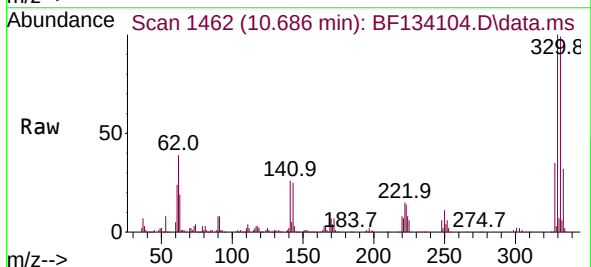
Tgt Ion:237 Resp: 269724
Ion Ratio Lower Upper
237 100
235 64.4 42.8 82.8
272 13.8 0.0 34.6

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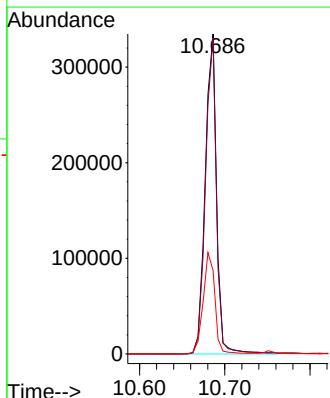
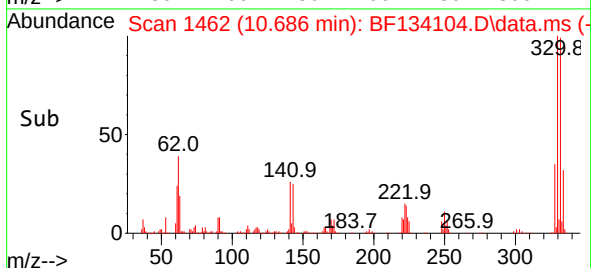
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

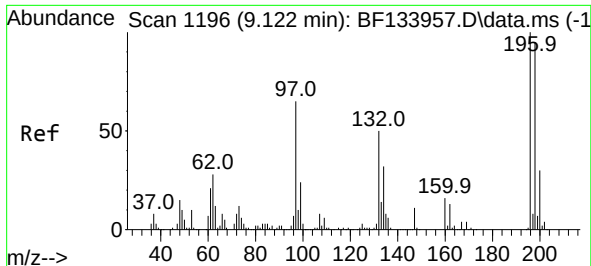


#42
2,4,6-Tribromophenol
Concen: 116.777 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:330 Resp: 308973
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 32.7 26.3 39.5





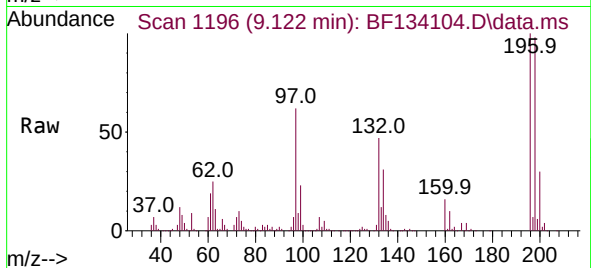
#43
2,4,6-Trichlorophenol
Concen: 41.749 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



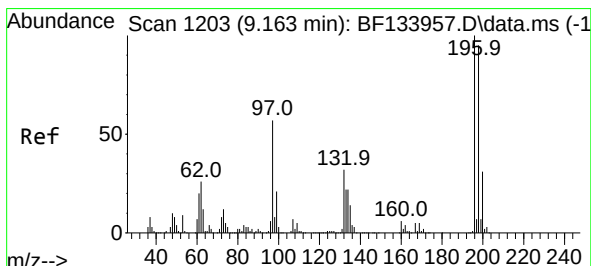
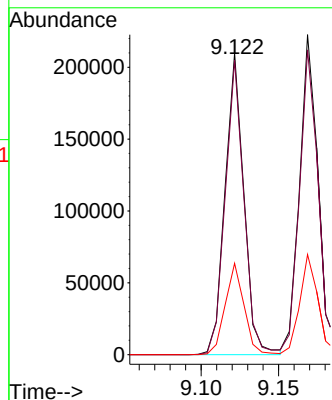
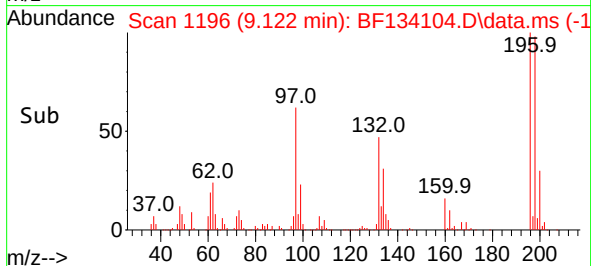
Tgt Ion:196 Resp: 177682
Ion Ratio Lower Upper
196 100
198 97.6 75.6 113.4
200 30.3 24.4 36.6

Manual Integrations

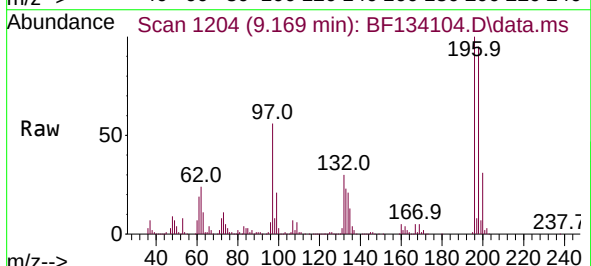
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

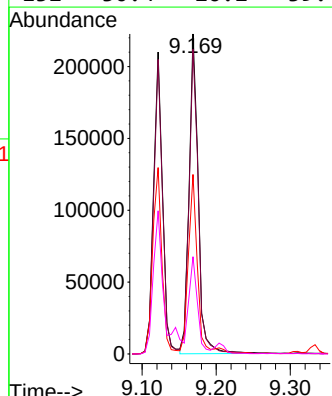
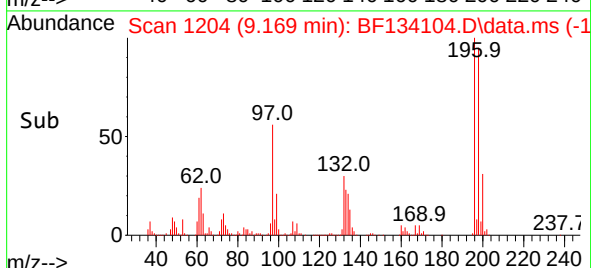
Supervised By :mohammad ahmed 07/07/2023

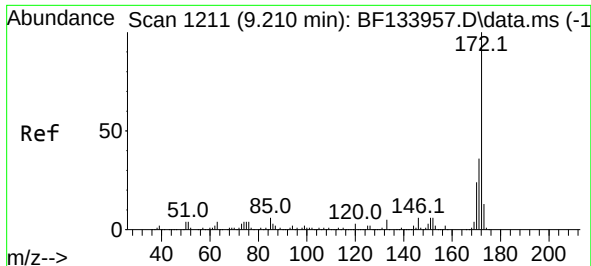


#44
2,4,5-Trichlorophenol
Concen: 38.430 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:196 Resp: 192388
Ion Ratio Lower Upper
196 100
198 95.3 75.7 113.5
97 56.1 45.8 68.6
132 30.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.993 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion:172 Resp: 1132029

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

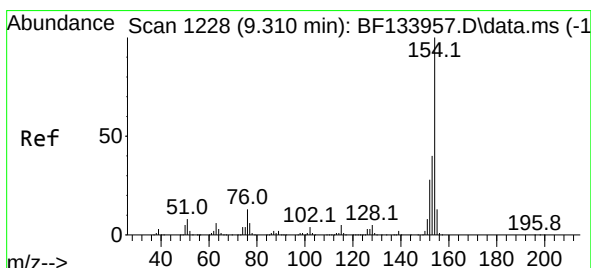
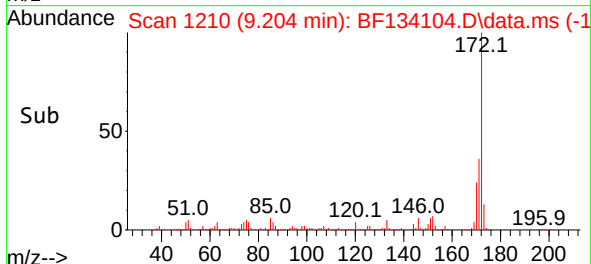
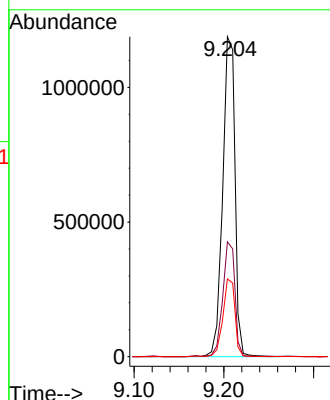
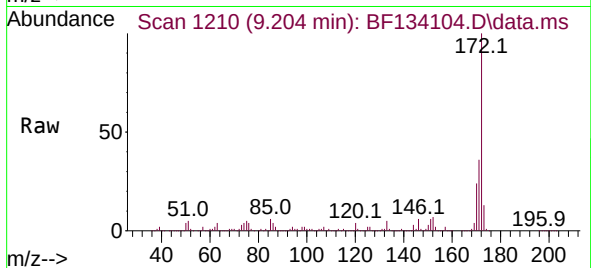
170 24.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#46

1,1'-Biphenyl

Concen: 41.867 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

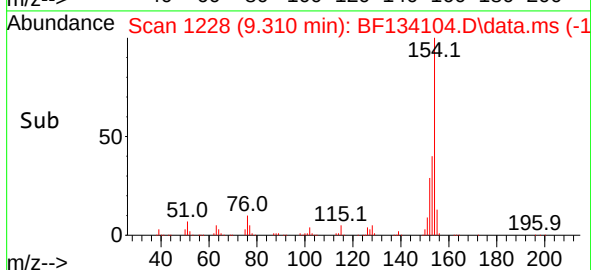
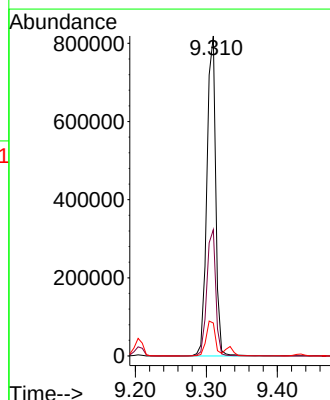
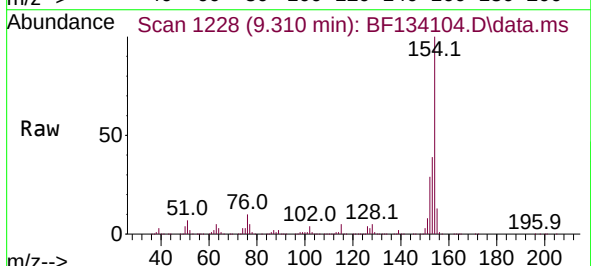
Tgt Ion:154 Resp: 708710

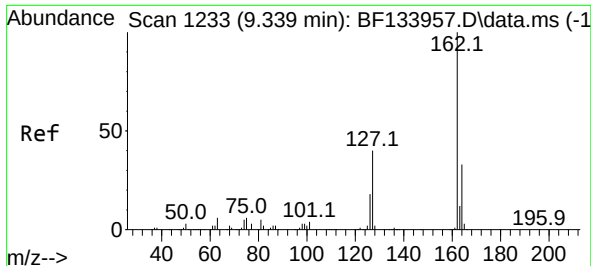
Ion Ratio Lower Upper

154 100

153 39.5 19.8 59.8

76 10.3 0.0 32.9





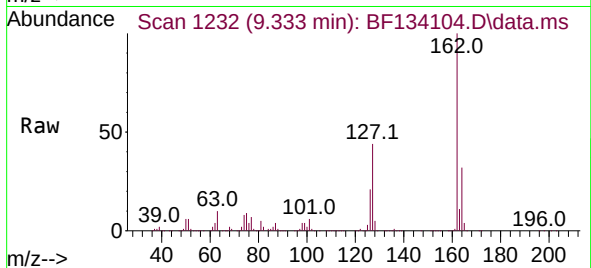
#47
2-Chloronaphthalene
Concen: 42.275 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



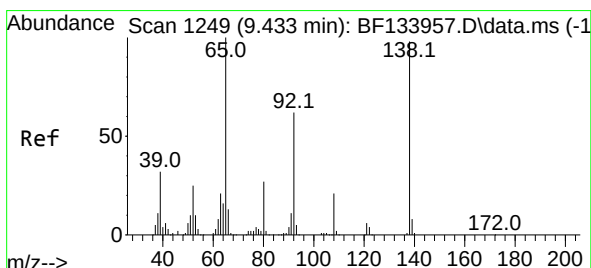
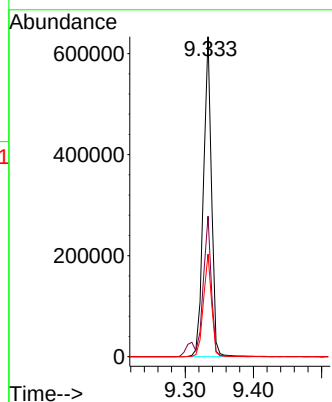
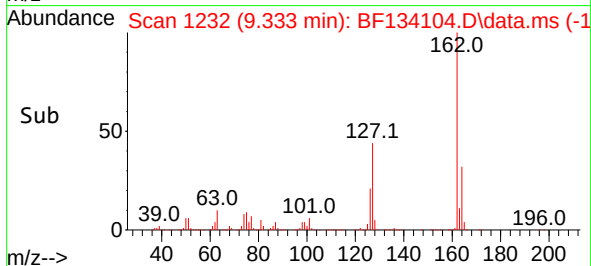
Tgt Ion:162 Resp: 523589
Ion Ratio Lower Upper
162 100
127 43.9 32.9 49.3
164 32.1 26.1 39.1

Manual Integrations

APPROVED

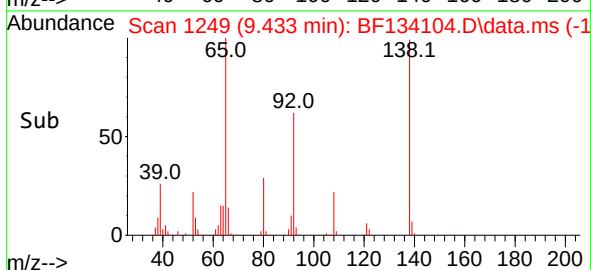
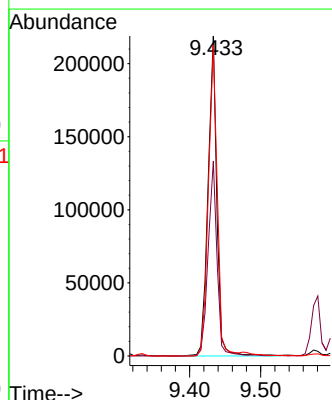
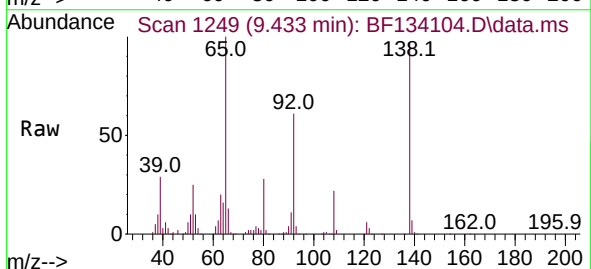
Reviewed By :Yogesh Patel 07/07/2023

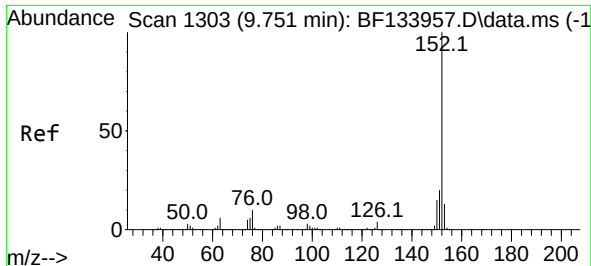
Supervised By :mohammad ahmed 07/07/2023



#48
2-Nitroaniline
Concen: 41.809 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion: 65 Resp: 188719
Ion Ratio Lower Upper
65 100
92 60.9 49.5 74.3
138 97.1 78.0 117.0





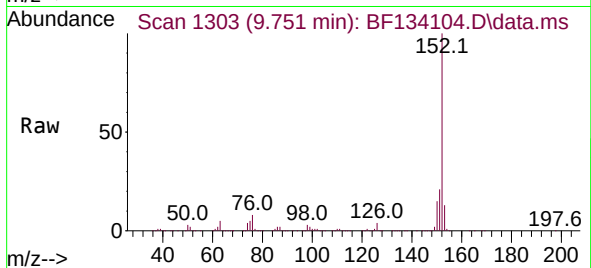
#49
Acenaphthylene
Concen: 39.957 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

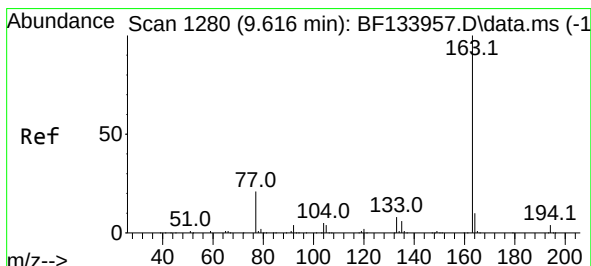
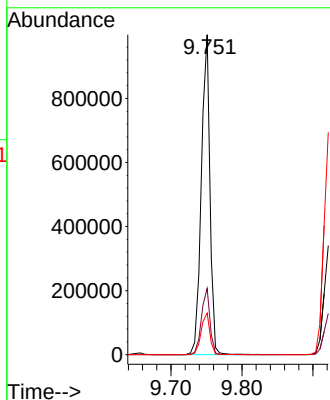
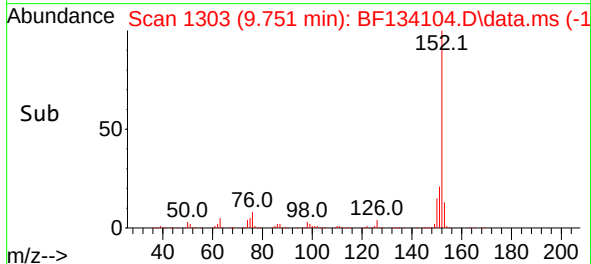


Tgt Ion:152 Resp: 845380
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.0 10.8 16.2

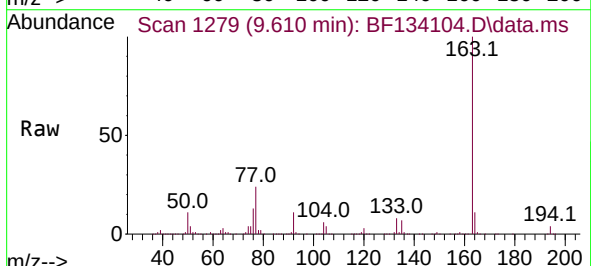
Manual Integrations

APPROVED

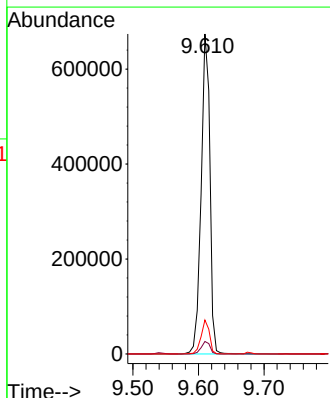
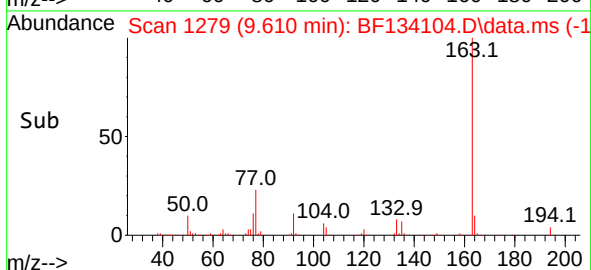
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

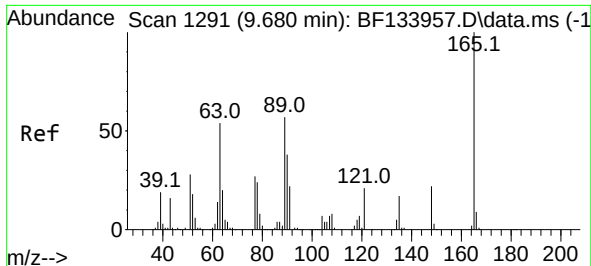


#50
Dimethylphthalate
Concen: 40.947 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:163 Resp: 627248
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.883 ng

RT: 9.674 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion:165 Resp: 138180

Ion Ratio Lower Upper

165 100

63 75.2 48.5 72.7

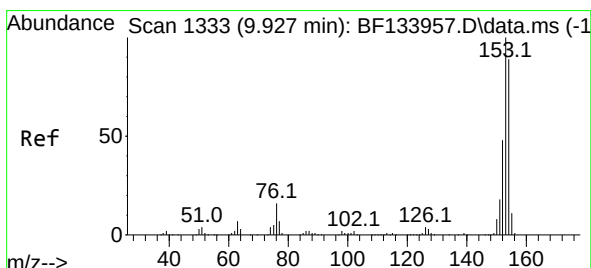
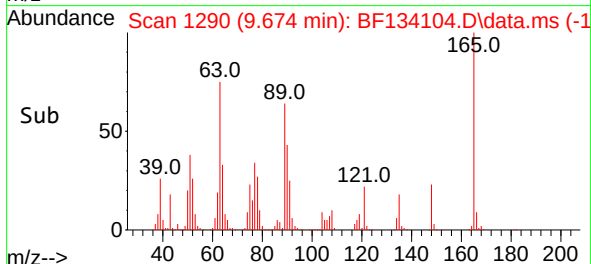
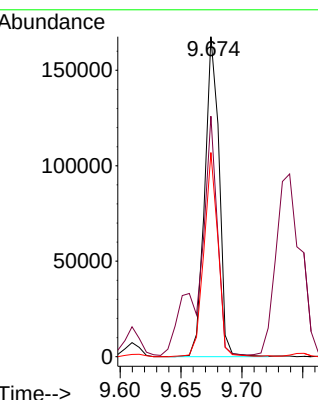
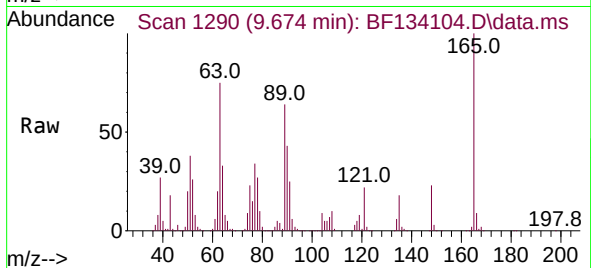
89 63.8 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#52

Acenaphthene

Concen: 40.521 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

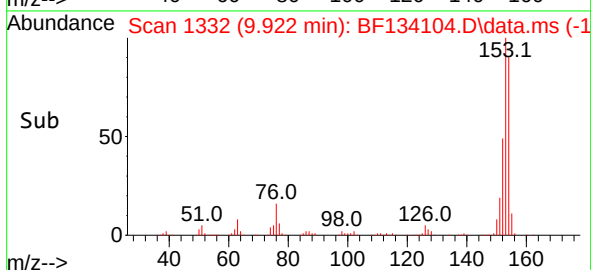
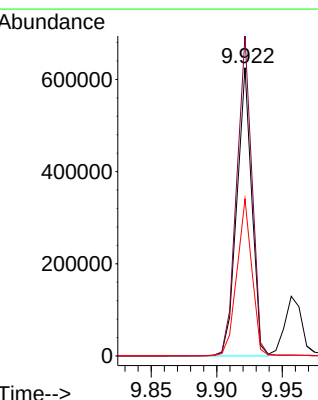
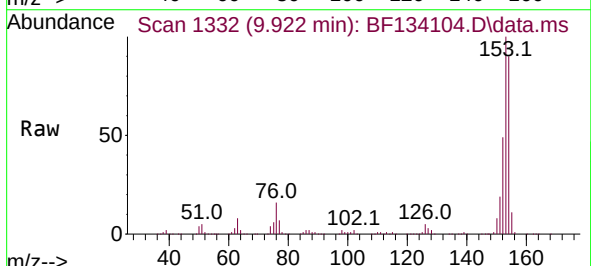
Tgt Ion:154 Resp: 497466

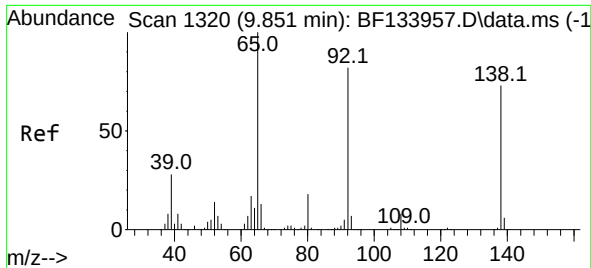
Ion Ratio Lower Upper

154 100

153 111.0 89.4 134.2

152 54.5 42.8 64.2





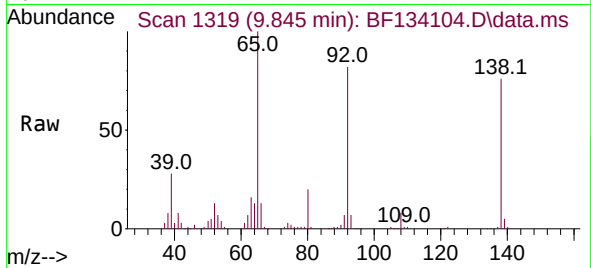
#53
3-Nitroaniline
Concen: 23.175 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



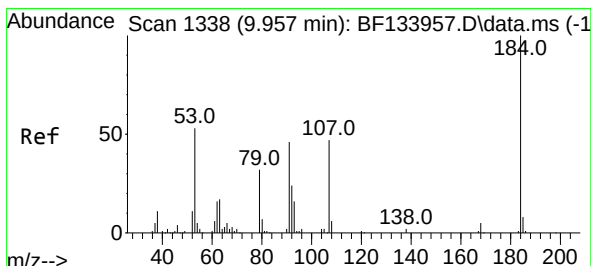
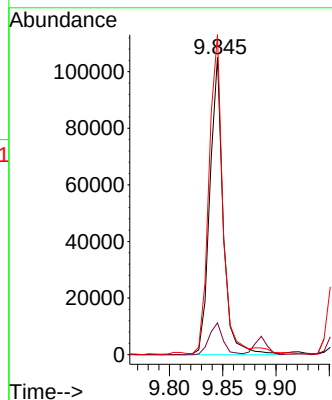
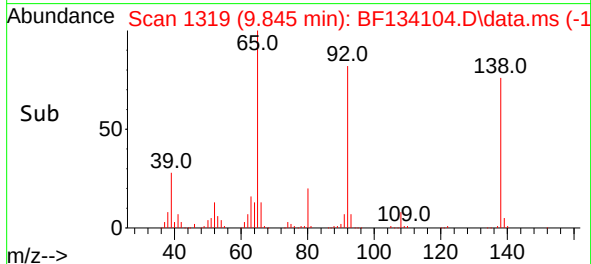
Tgt Ion:138 Resp: 91728
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 107.5 90.1 135.1

Manual Integrations

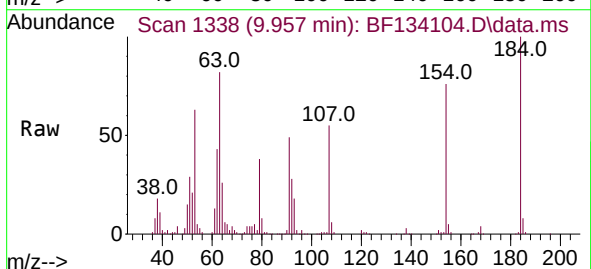
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

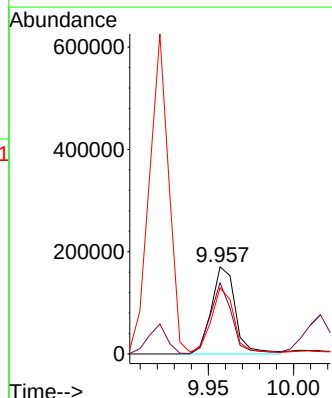
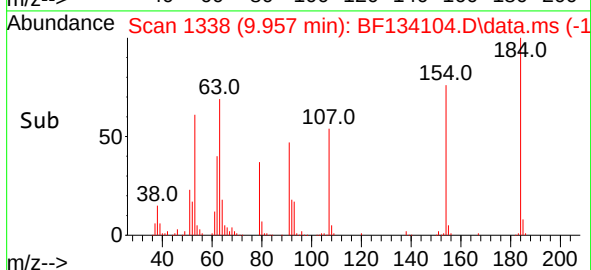
Supervised By :mohammad ahmed 07/07/2023

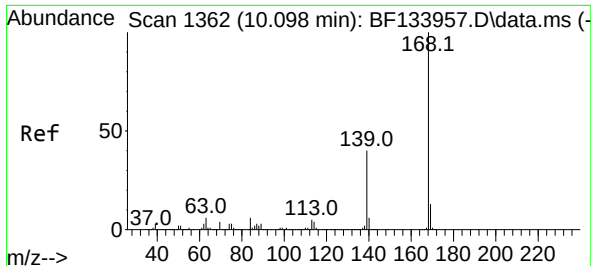


#54
2,4-Dinitrophenol
Concen: 87.459 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:184 Resp: 167366
Ion Ratio Lower Upper
184 100
63 81.7 56.9 85.3
154 76.1 55.4 83.0





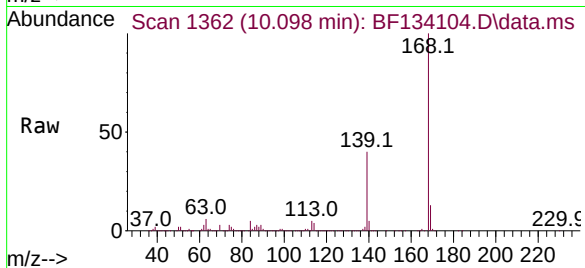
#55
Dibenzenofuran
Concen: 40.086 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



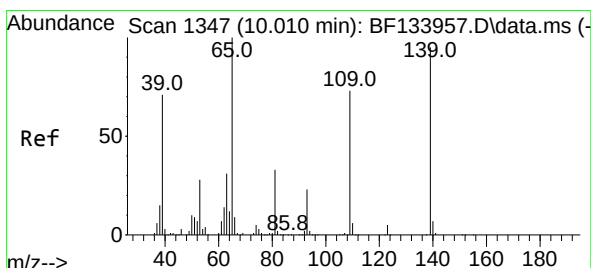
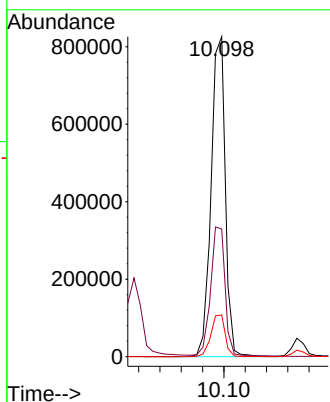
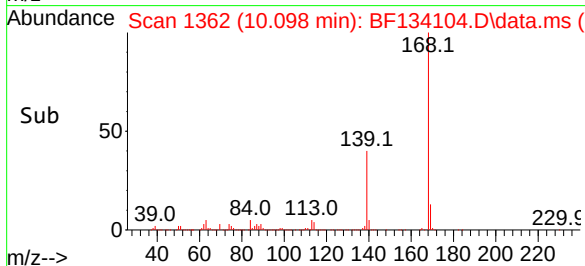
Tgt Ion:168 Resp: 769108
Ion Ratio Lower Upper
168 100
139 39.9 32.0 48.0
169 13.0 10.6 16.0

Manual Integrations

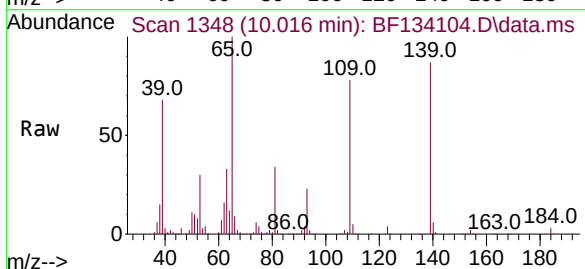
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

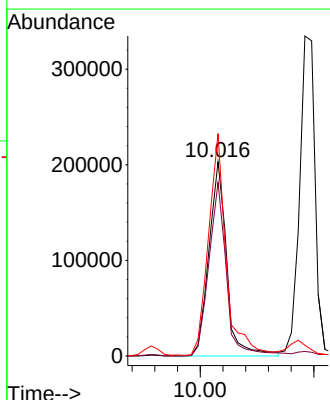
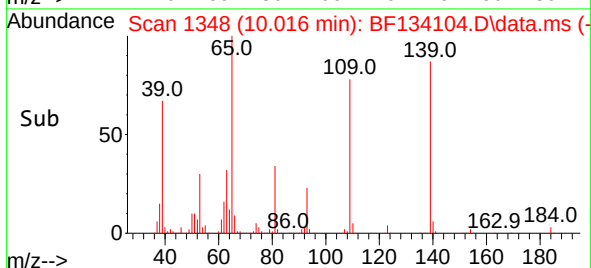
Supervised By :mohammad ahmed 07/07/2023

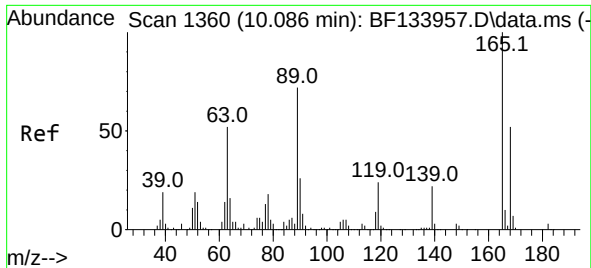


#56
4-Nitrophenol
Concen: 79.667 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:139 Resp: 220571
Ion Ratio Lower Upper
139 100
109 89.4 56.8 96.8
65 114.5 86.1 126.1





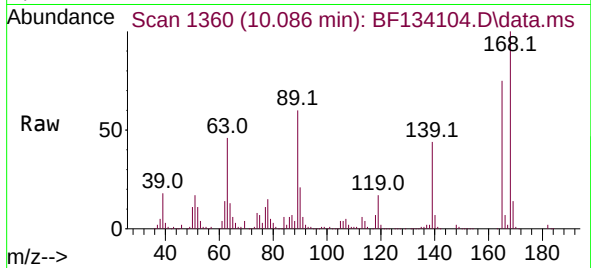
#57
2,4-Dinitrotoluene
Concen: 42.258 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



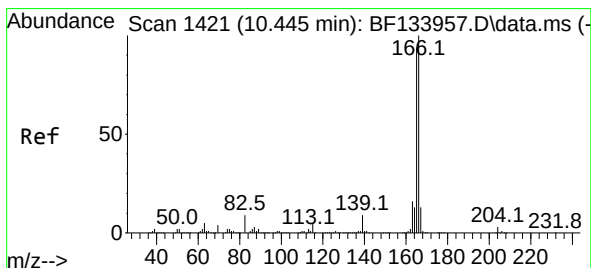
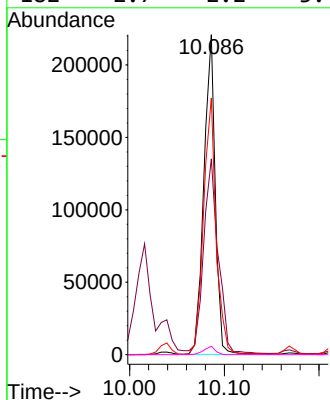
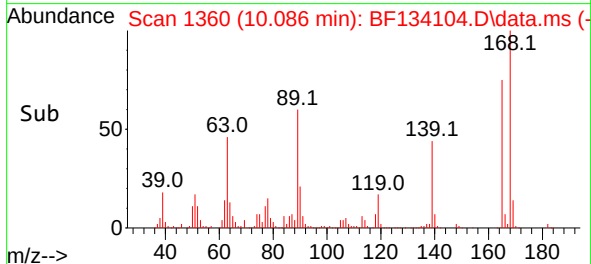
Tgt Ion:165 Resp: 18412
Ion Ratio Lower Upper
165 100
63 61.2 42.2 63.2
89 80.2 57.4 86.2
182 2.7 2.2 3.4

Manual Integrations

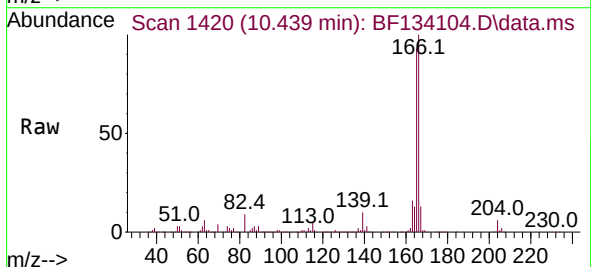
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

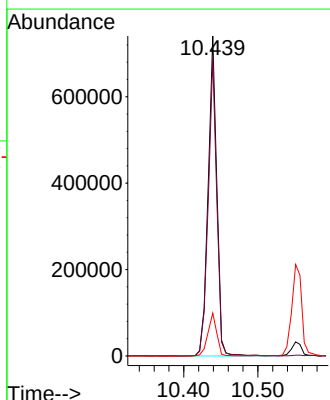
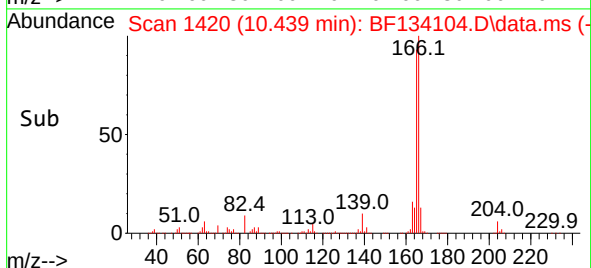
Supervised By :mohammad ahmed 07/07/2023

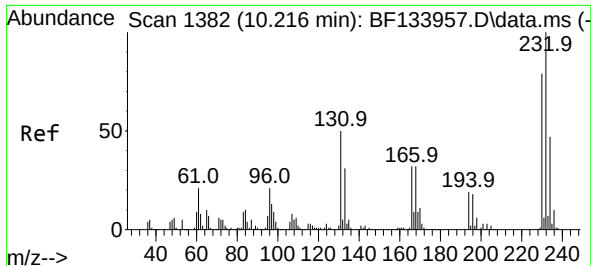


#58
Fluorene
Concen: 40.556 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



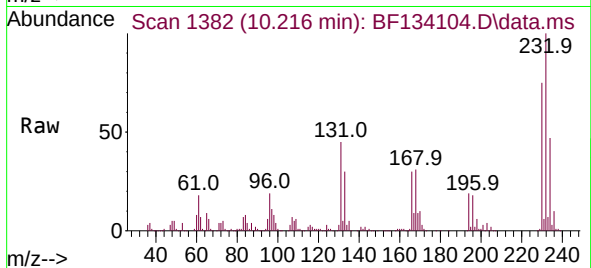
Tgt Ion:166 Resp: 605381
Ion Ratio Lower Upper
166 100
165 93.2 75.0 112.4
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.356 ng m
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

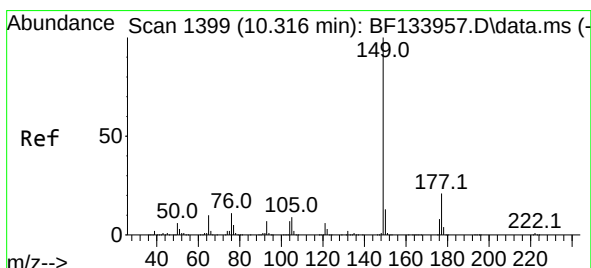
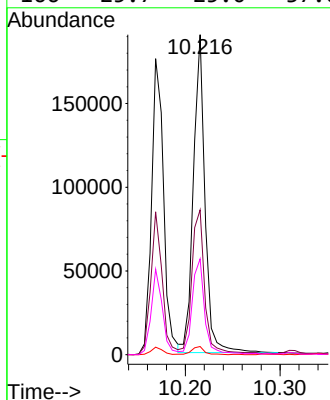
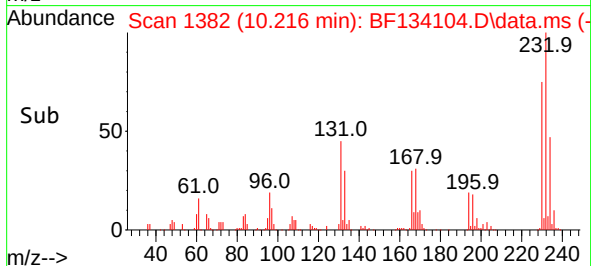
Instrument :
BNA_F
ClientSampleId :
PB153909BS



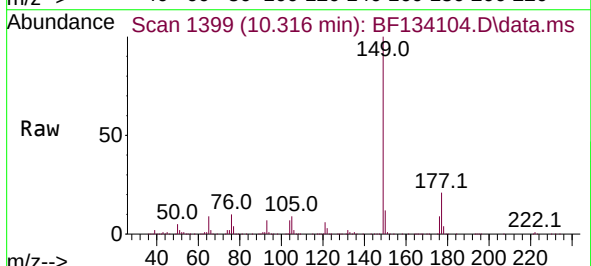
Tgt Ion:232 Resp: 163310
Ion Ratio Lower Upper
232 100
131 43.3 39.3 58.9
130 2.4 1.8 2.6
166 25.7 25.0 37.6

Manual Integrations
APPROVED

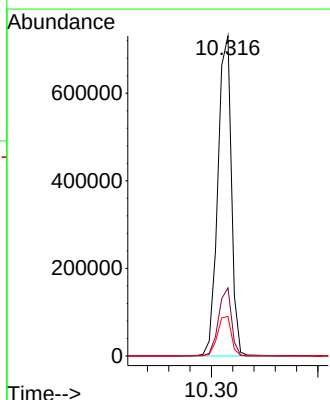
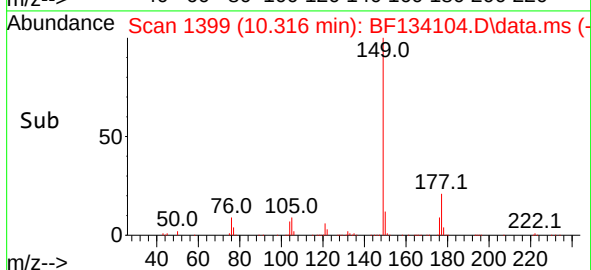
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

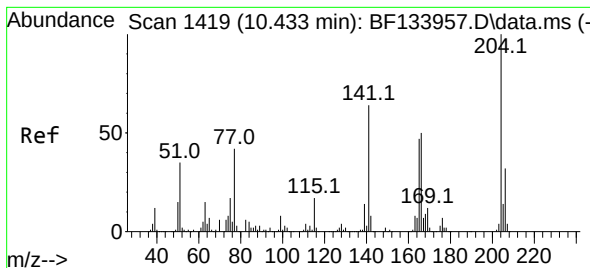


#60
Diethylphthalate
Concen: 40.411 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:149 Resp: 644936
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.3 10.2 15.2





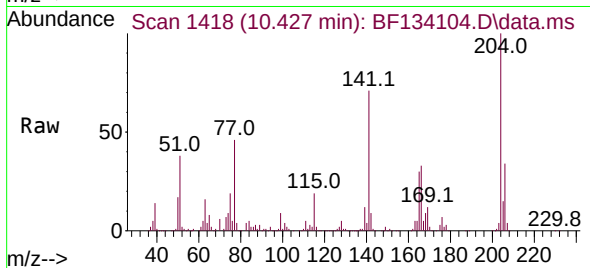
#61
4-Chlorophenyl-phenylether
Concen: 40.233 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



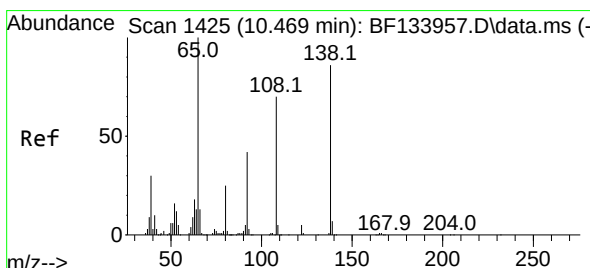
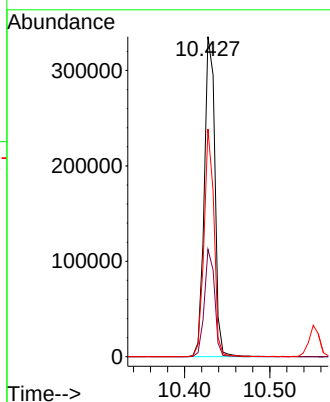
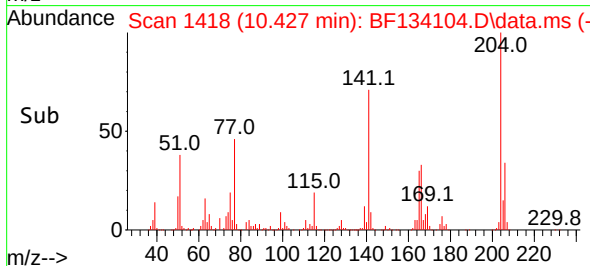
Tgt Ion:204 Resp: 289414
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 71.2 51.5 77.3

Manual Integrations

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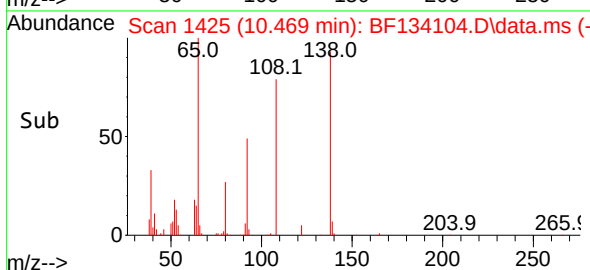
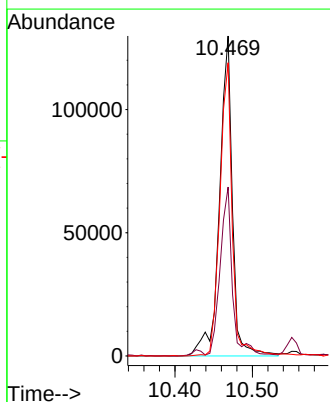
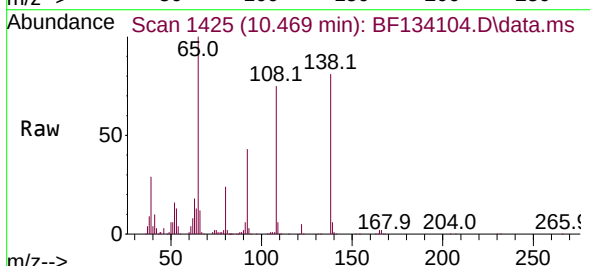
Reviewed By :Yogesh Patel 07/07/2023

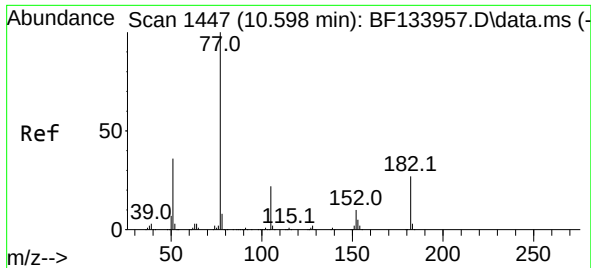
Supervised By :mohammad ahmed 07/07/2023



#62
4-Nitroaniline
Concen: 37.687 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

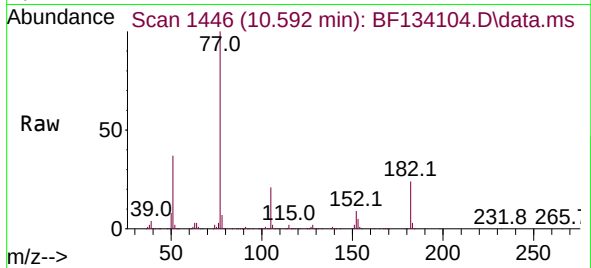
Tgt Ion:138 Resp: 150332
Ion Ratio Lower Upper
138 100
92 52.8 29.7 69.7
108 91.7 62.1 102.1





#63
Azobenzene
Concen: 39.447 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

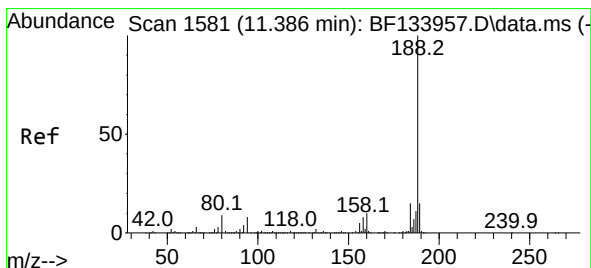
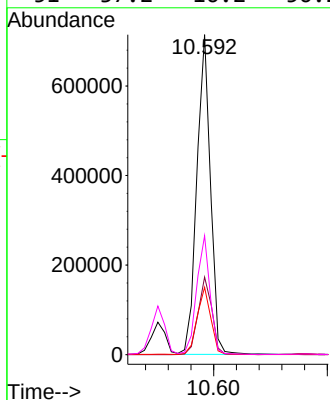
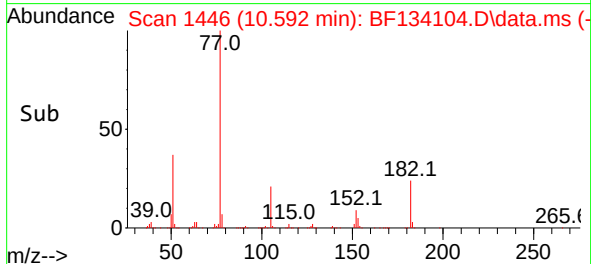
Instrument :
BNA_F
ClientSampleId :
PB153909BS



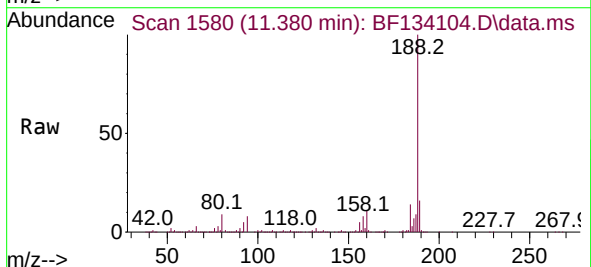
Tgt Ion: 77 Resp: 595509
Ion Ratio Lower Upper
77 100
182 24.3 6.8 46.8
105 21.1 2.3 42.3
51 37.2 16.2 56.2

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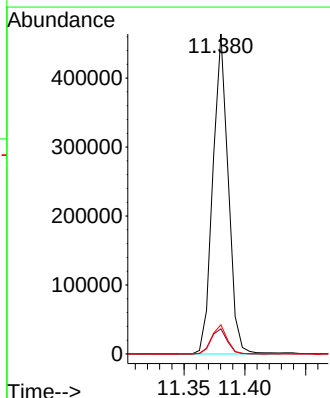
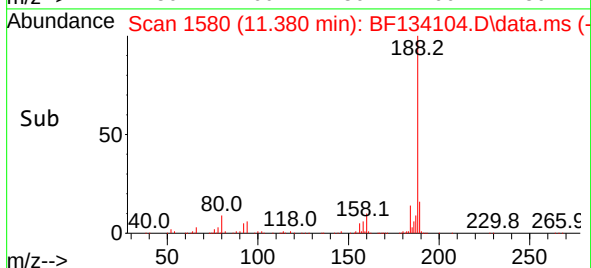
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

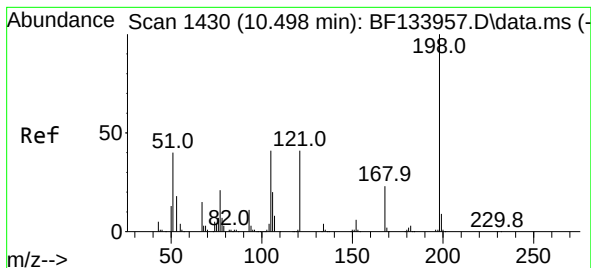


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:188 Resp: 407698
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.1 7.3 10.9





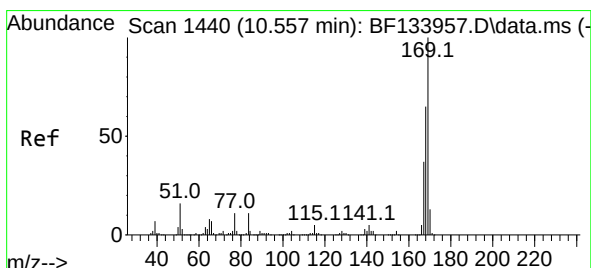
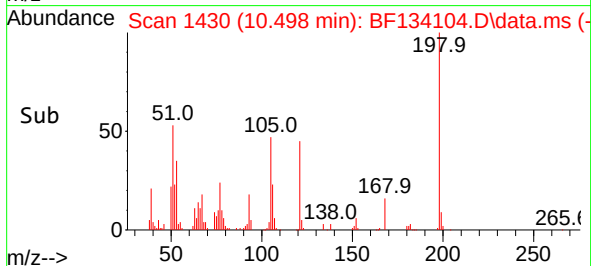
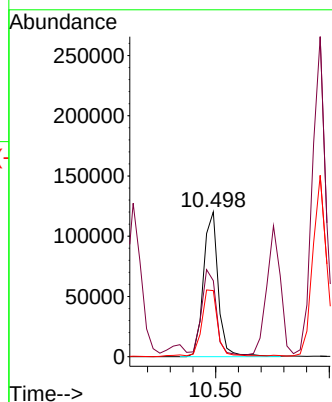
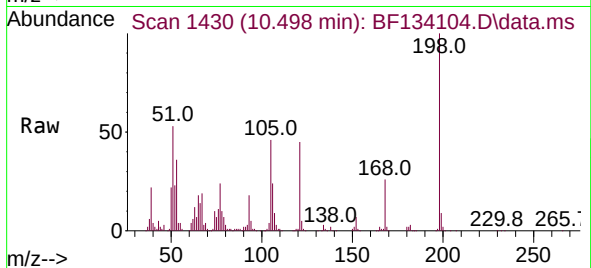
#65
4,6-Dinitro-2-methylphenol
Concen: 48.925 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :
BNA_F
ClientSampleId :
PB153909BS

Tgt Ion:198 Resp: 10874
Ion Ratio Lower Upper
198 100
51 52.5 29.3 69.3
105 45.7 22.4 62.4

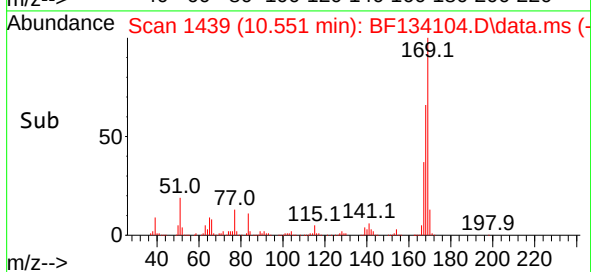
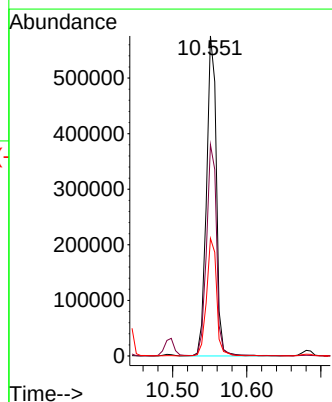
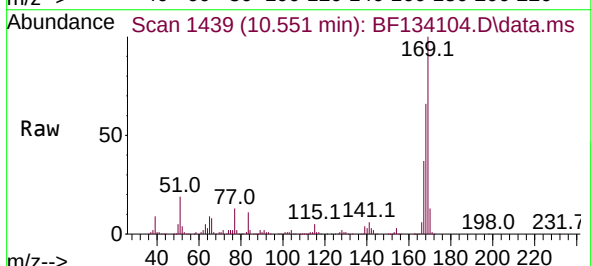
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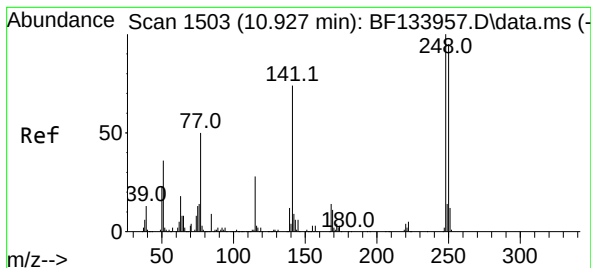
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#66
n-Nitrosodiphenylamine
Concen: 40.974 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion:169 Resp: 533727
Ion Ratio Lower Upper
169 100
168 66.1 52.3 78.5
167 36.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 41.110 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

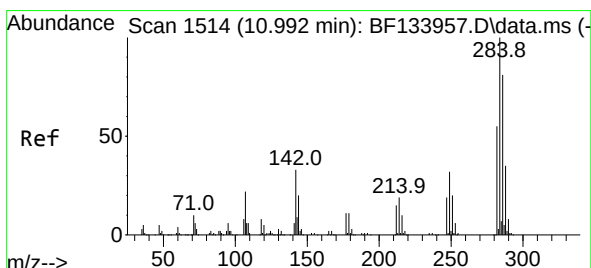
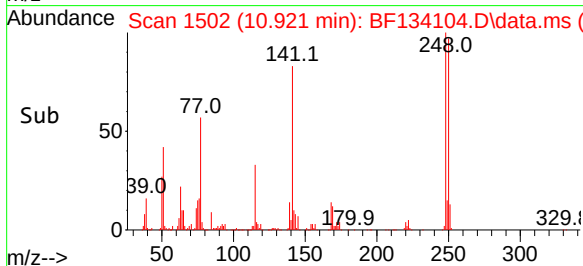
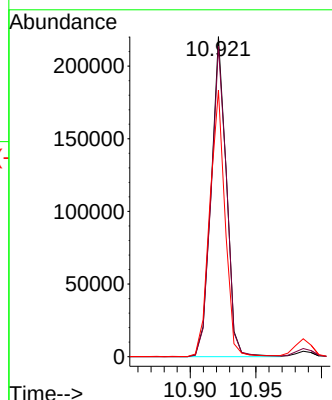
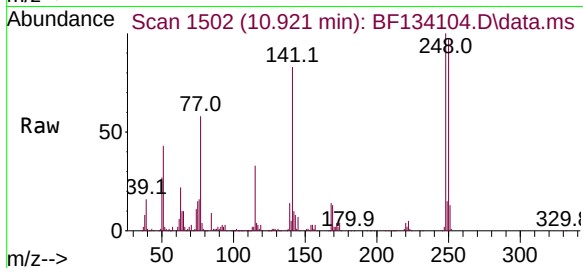
ClientSampleId :

PB153909BS

Tgt Ion:248 Resp: 17814
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.4
141 83.3 59.0 88.4

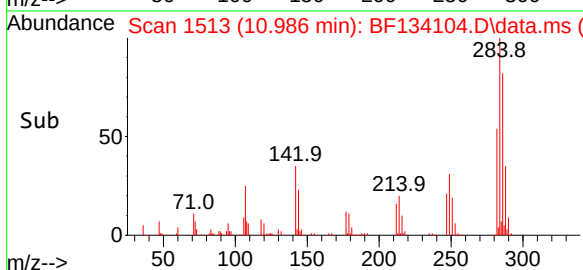
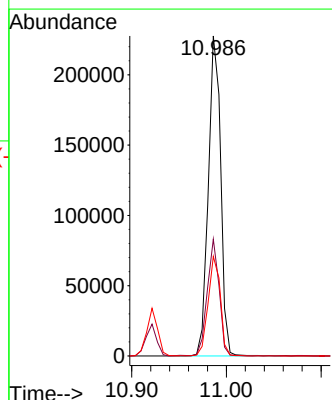
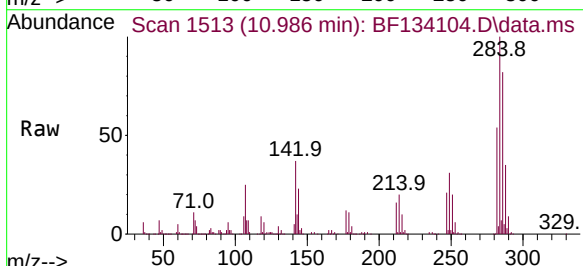
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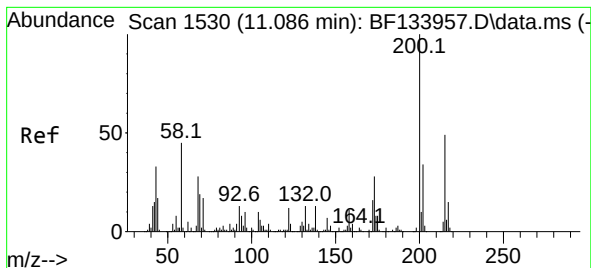
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#68
Hexachlorobenzene
Concen: 44.552 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion:284 Resp: 204984
Ion Ratio Lower Upper
284 100
142 36.5 26.6 40.0
249 31.1 25.5 38.3





#69

Atrazine

Concen: 41.178 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion:200 Resp: 148368

Ion Ratio Lower Upper

200 100

173 27.8 8.0 48.0

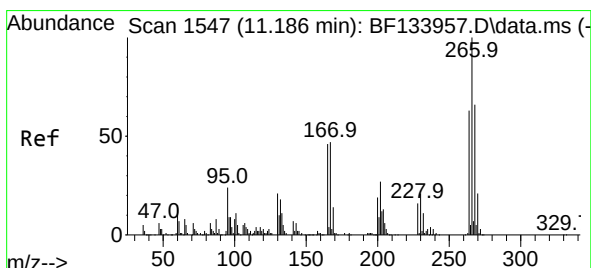
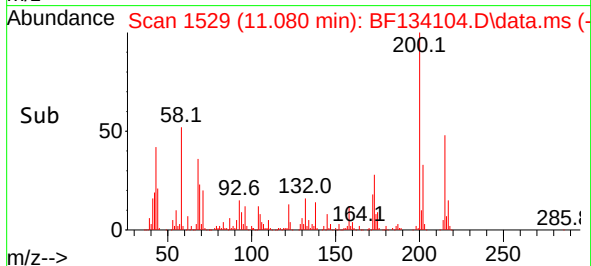
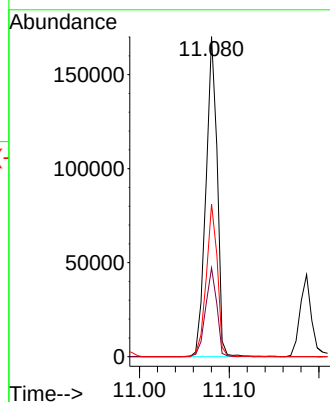
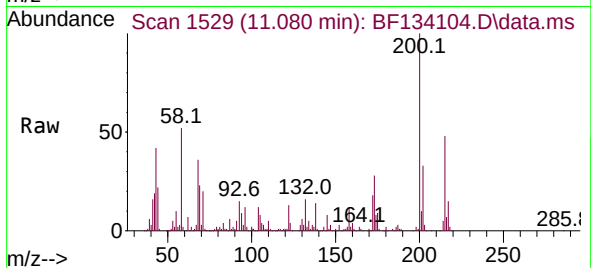
215 47.7 29.3 69.3

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Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#70

Pentachlorophenol

Concen: 76.763 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

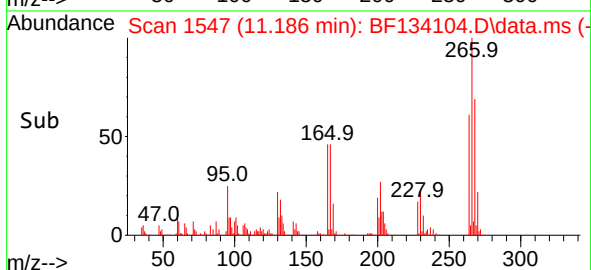
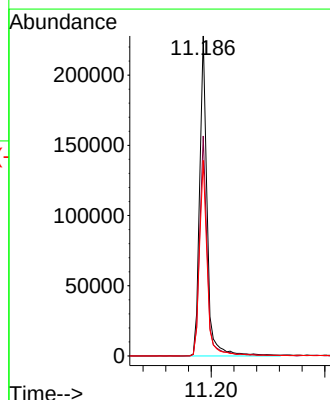
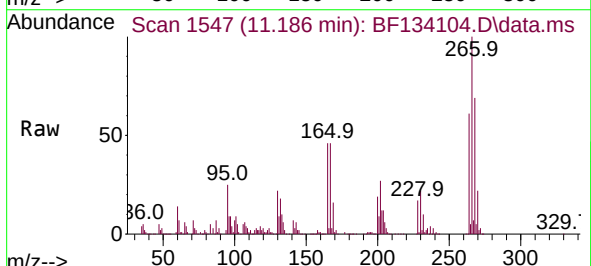
Tgt Ion:266 Resp: 211176

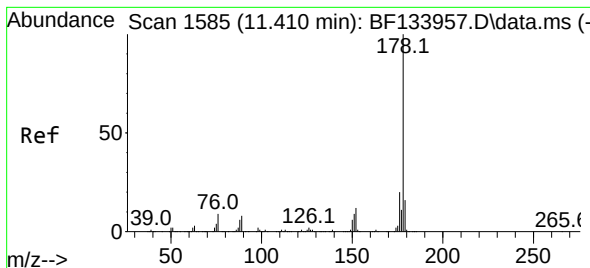
Ion Ratio Lower Upper

266 100

268 68.7 52.6 79.0

264 61.1 50.6 76.0





#71

Phenanthrene

Concen: 42.048 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion:178 Resp: 863000

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

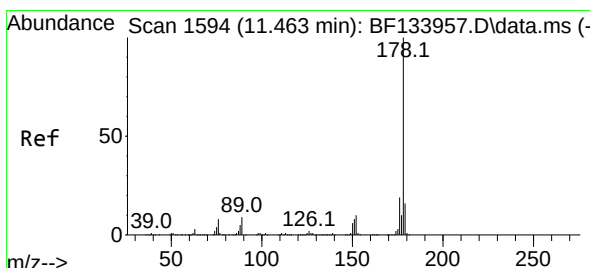
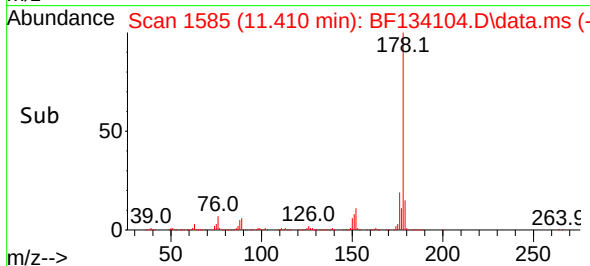
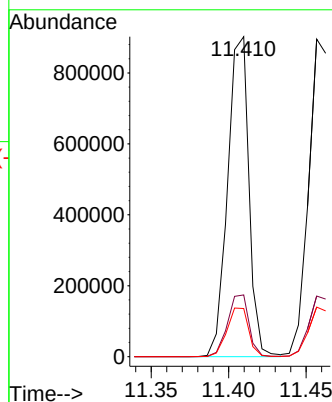
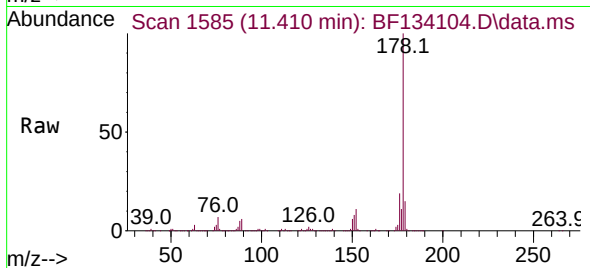
179 15.0 12.4 18.6

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Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#72

Anthracene

Concen: 41.276 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

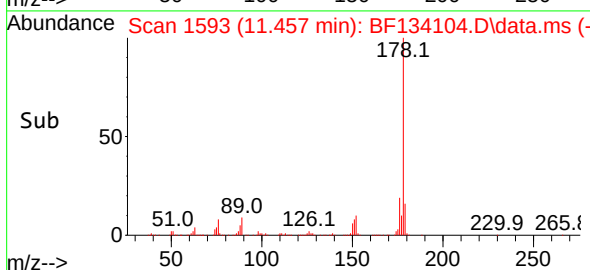
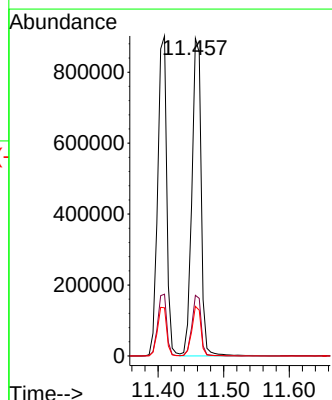
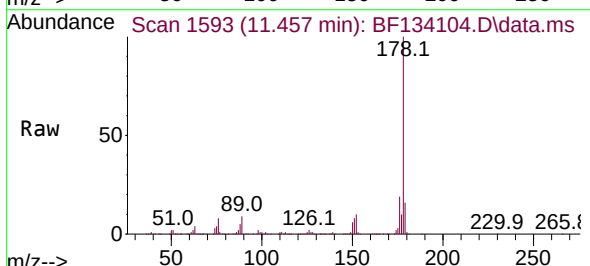
Tgt Ion:178 Resp: 881140

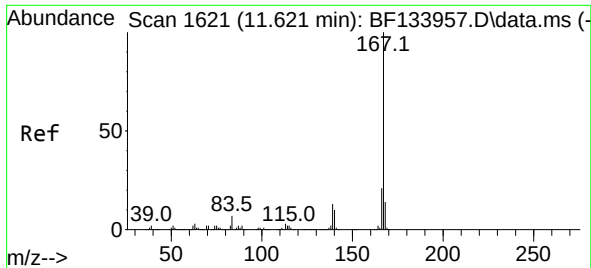
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

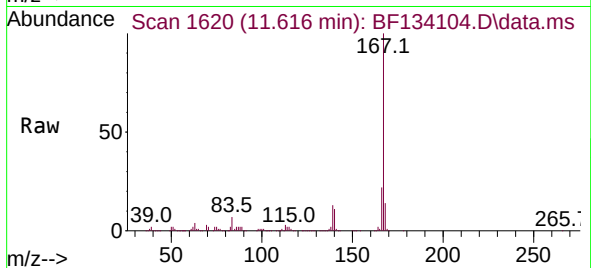
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 43.301 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF134104.D
 Acq: 06 Jul 2023 18:52

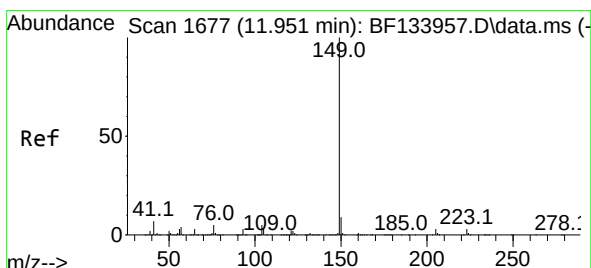
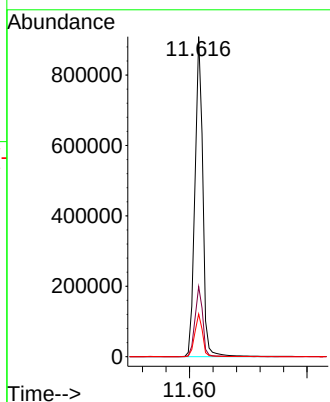
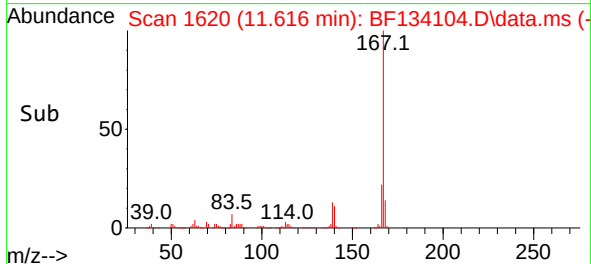
Instrument :
 BNA_F
 ClientSampleId :
 PB153909BS



Tgt Ion:167 Resp: 846090
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.3 10.4 15.6

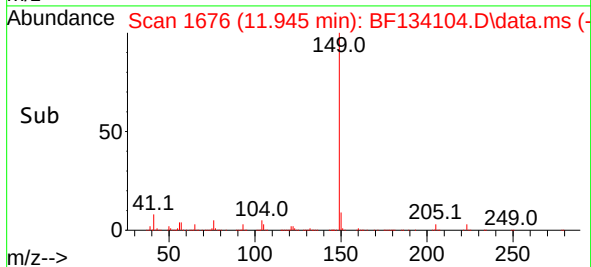
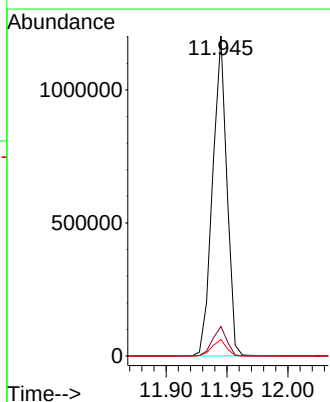
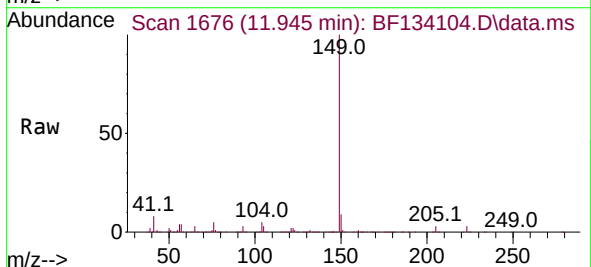
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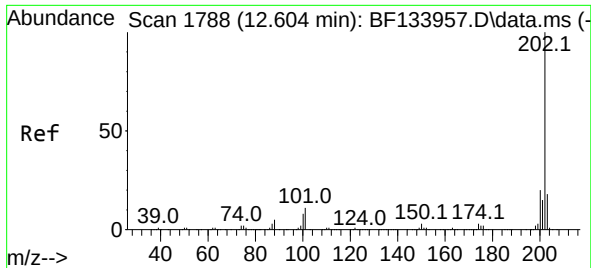
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



#74
 Di-n-butylphthalate
 Concen: 42.078 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134104.D
 Acq: 06 Jul 2023 18:52

Tgt Ion:149 Resp: 977734
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 41.925 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

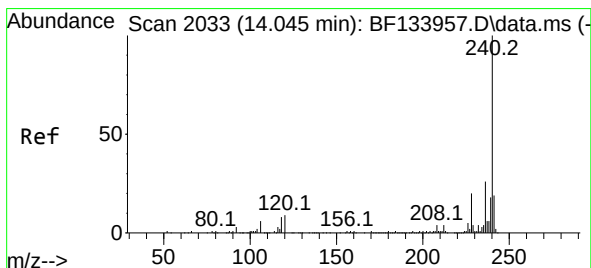
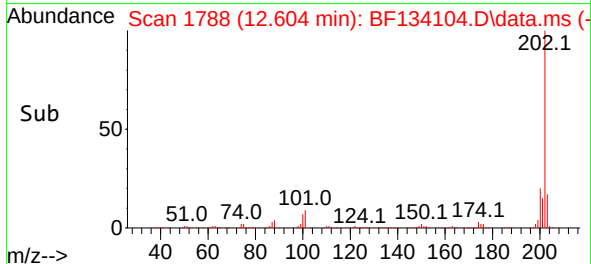
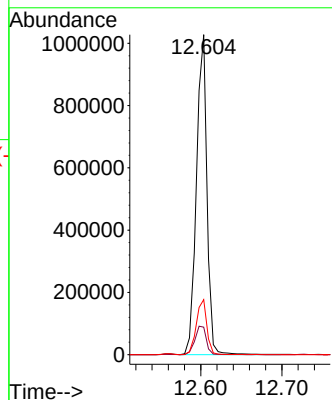
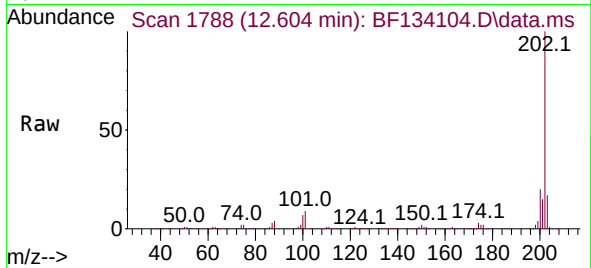
Tgt Ion:202 Resp: 930249
Ion Ratio Lower Upper
202 100
101 8.6 0.0 31.0
203 17.2 0.0 37.6

Manual Integrations

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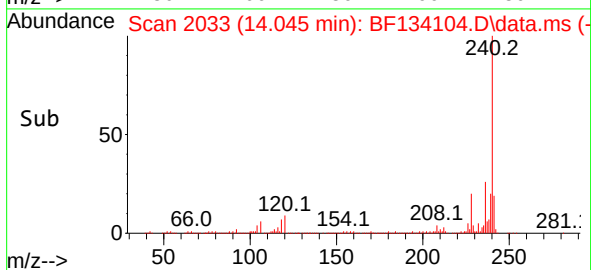
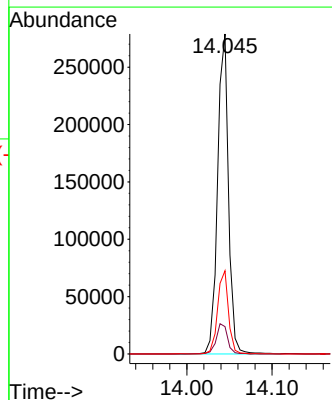
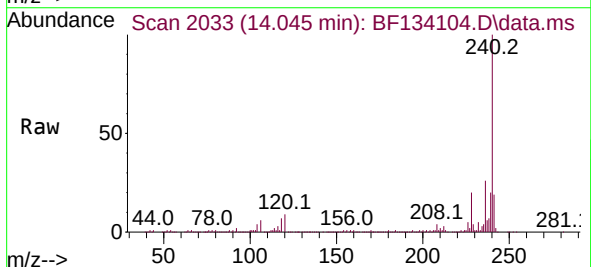
Reviewed By :Yogesh Patel 07/07/2023

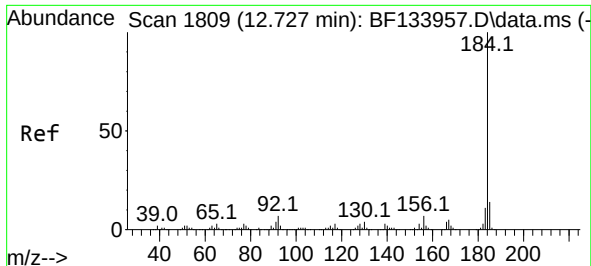
Supervised By :mohammad ahmed 07/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

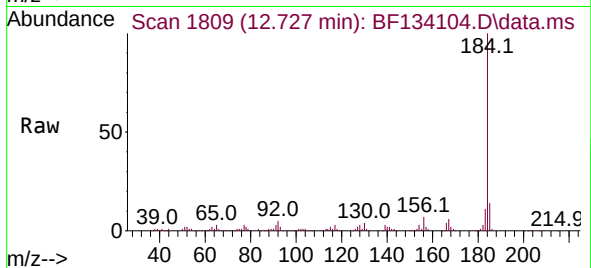
Tgt Ion:240 Resp: 249412
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 26.0 21.0 31.6





#77
Benzidine
Concen: 23.458 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

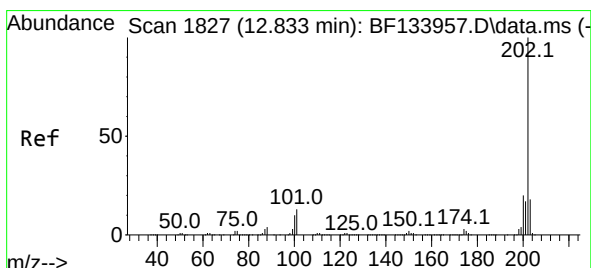
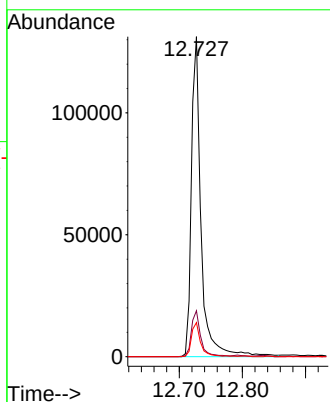
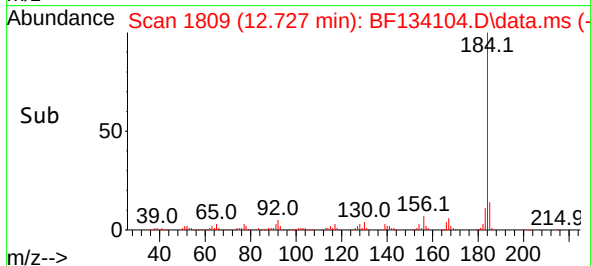
Instrument :
BNA_F
ClientSampleId :
PB153909BS



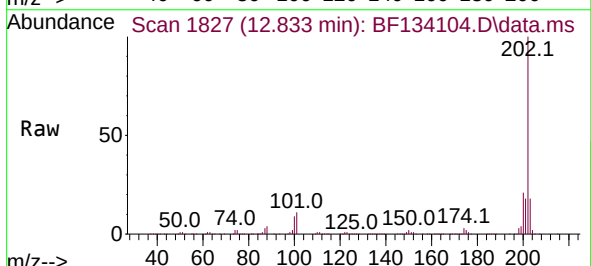
Tgt Ion:184 Resp: 13921
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.7 8.8 13.2

Manual Integrations
APPROVED

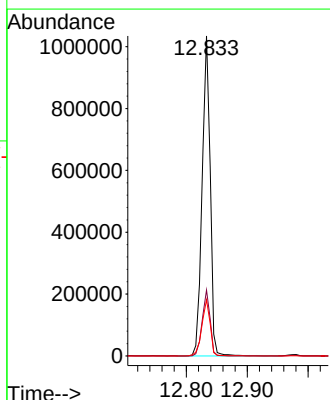
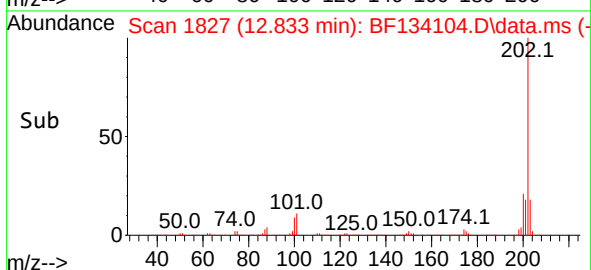
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

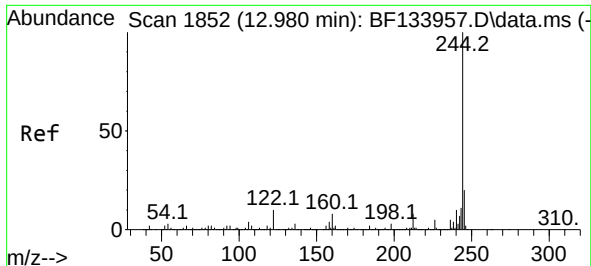


#78
Pyrene
Concen: 40.947 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:202 Resp: 950419
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 17.6 14.3 21.5





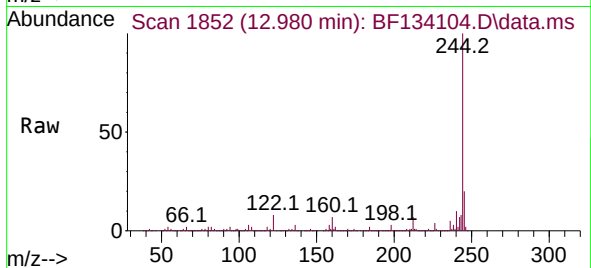
#79
 Terphenyl-d14
 Concen: 84.648 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134104.D
 Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



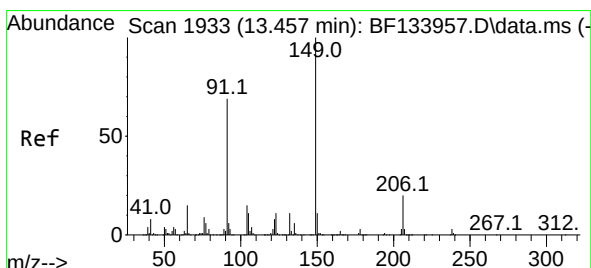
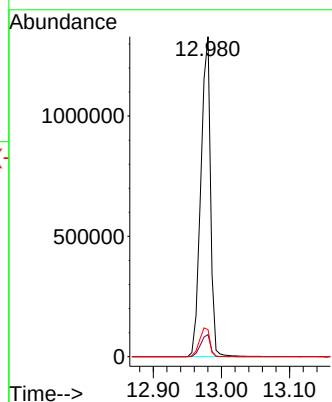
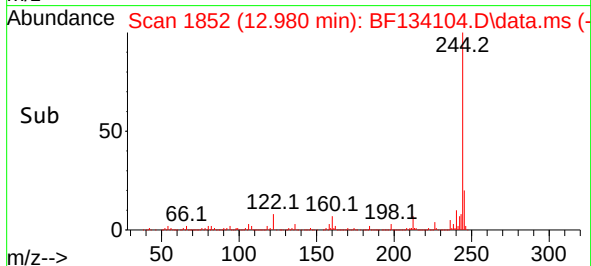
Tgt Ion:244 Resp: 1311790
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.4 8.3 12.5

Manual Integrations

APPROVED

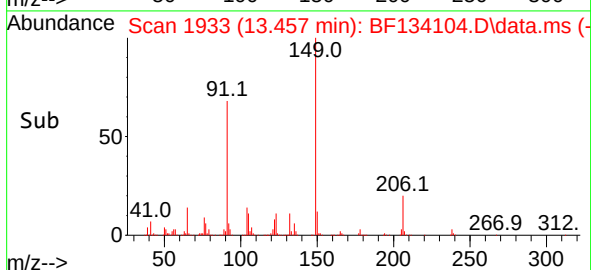
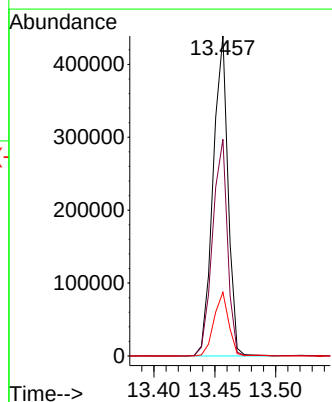
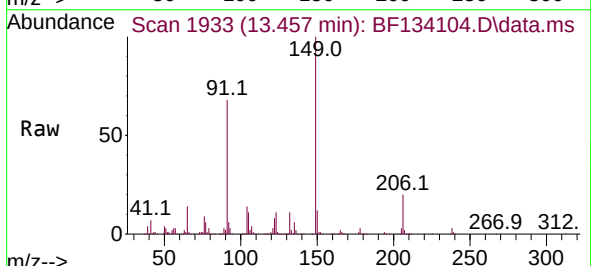
Reviewed By :Yogesh Patel 07/07/2023

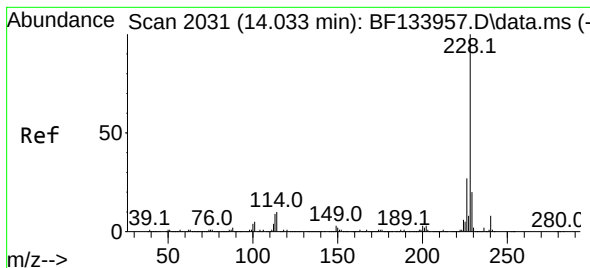
Supervised By :mohammad ahmed 07/07/2023



#80
 Butylbenzylphthalate
 Concen: 43.029 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF134104.D
 Acq: 06 Jul 2023 18:52

Tgt Ion:149 Resp: 374580
 Ion Ratio Lower Upper
 149 100
 91 67.7 55.1 82.7
 206 19.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 42.552 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134104.D

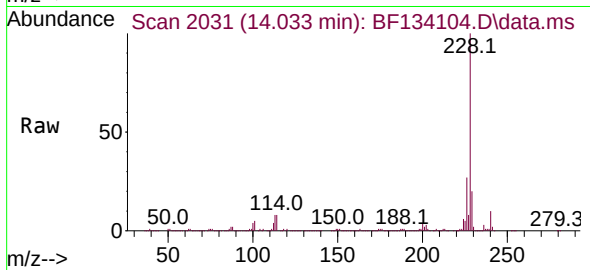
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



Tgt Ion:228 Resp: 736020

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

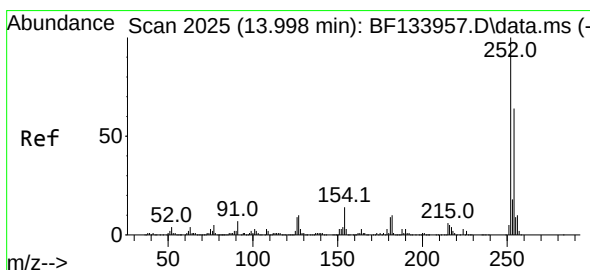
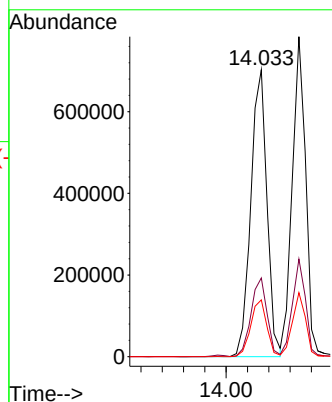
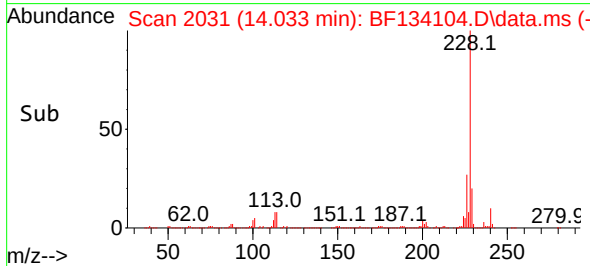
229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#82

3,3'-Dichlorobenzidine

Concen: 30.401 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

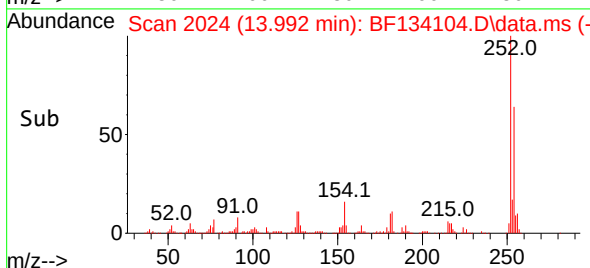
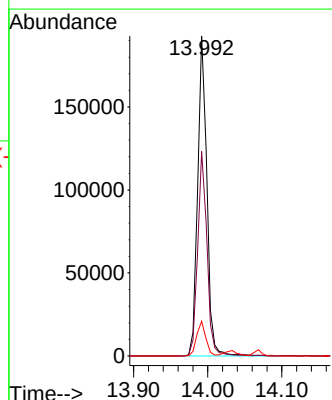
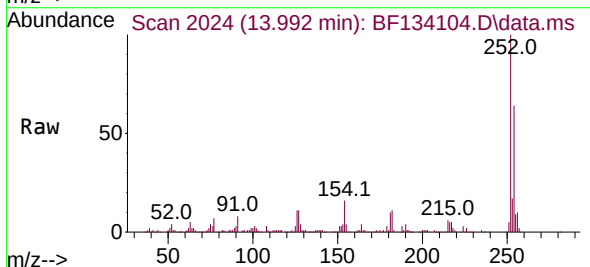
Tgt Ion:252 Resp: 166602

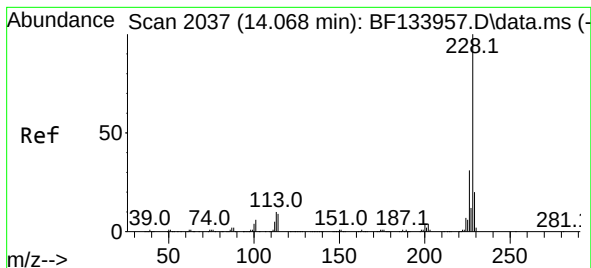
Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.0

126 10.9 7.4 11.2





#83

Chrysene

Concen: 41.348 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Tgt Ion:228 Resp: 692718

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

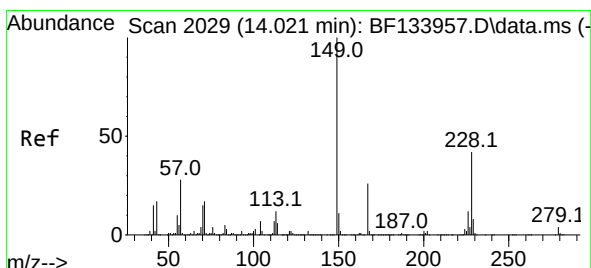
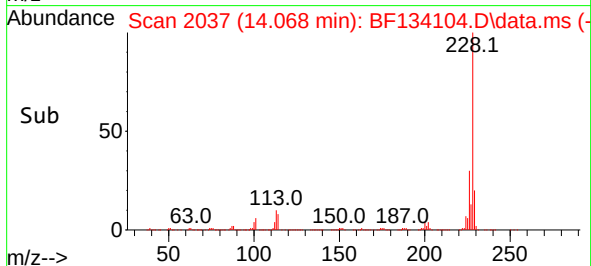
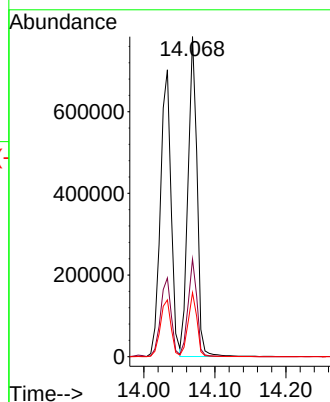
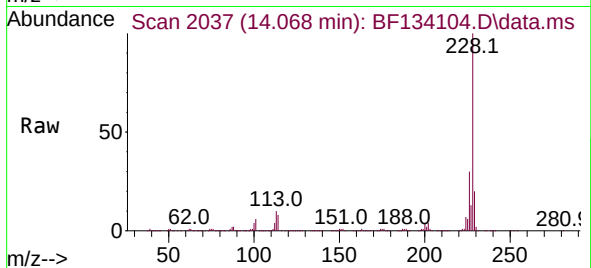
229 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.925 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

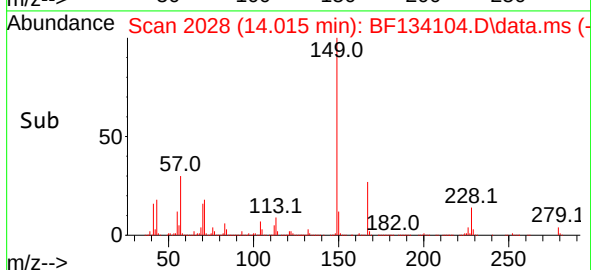
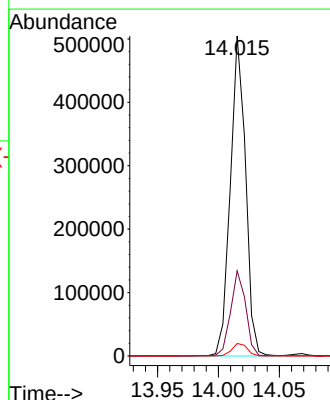
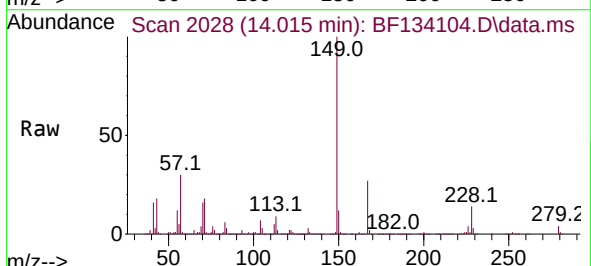
Tgt Ion:149 Resp: 439372

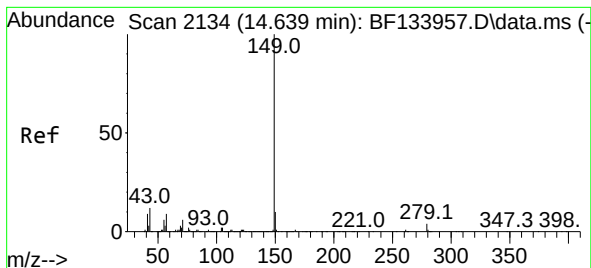
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

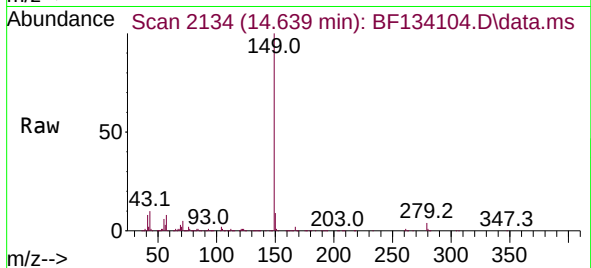
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 43.141 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

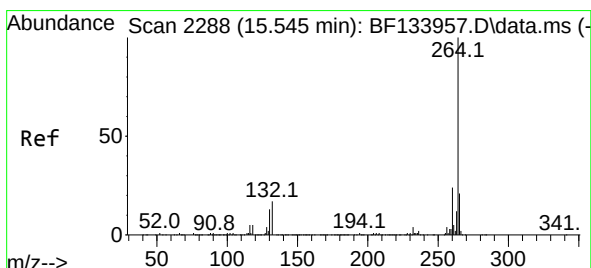
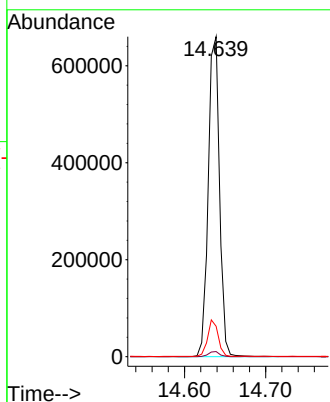
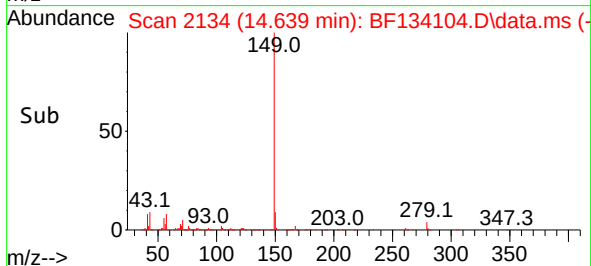
Instrument :
BNA_F
ClientSampleId :
PB153909BS



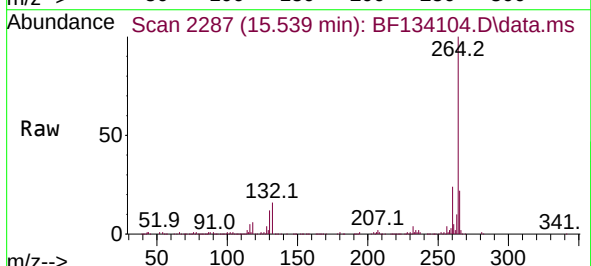
Tgt Ion:149 Resp: 634080
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 9.0 13.4

Manual Integrations
APPROVED

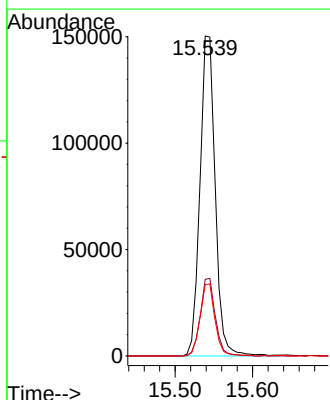
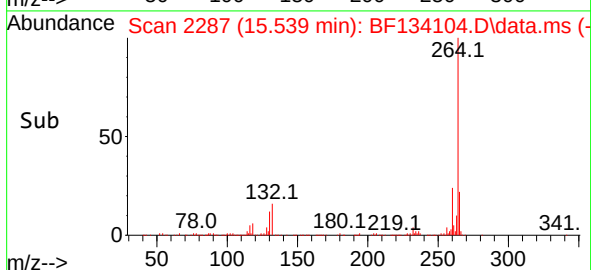
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

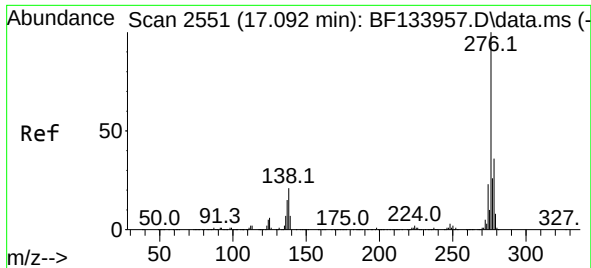


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:264 Resp: 205752
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 22.3 16.6 25.0





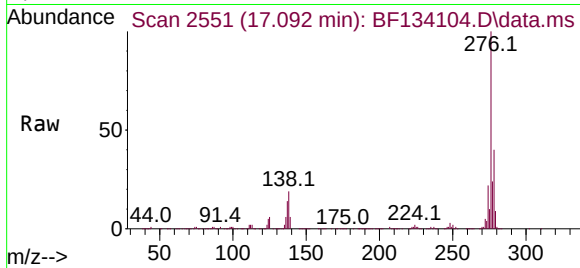
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.051 ng
RT: 17.092 min Scan# 2112
Delta R.T. -0.018 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS

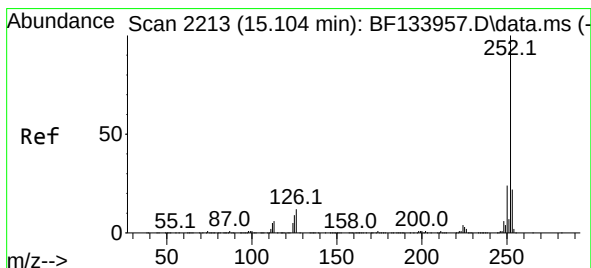
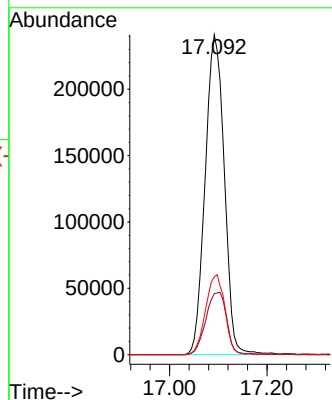
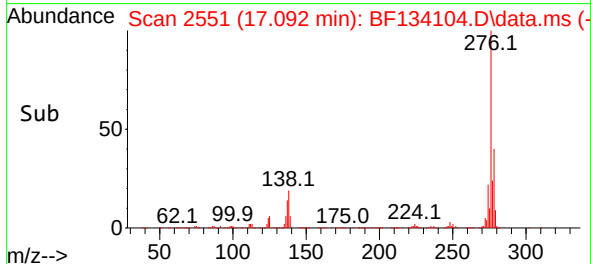


Tgt Ion:276 Resp: 657470
Ion Ratio Lower Upper
276 100
138 20.9 18.7 28.1
277 25.3 19.9 29.9

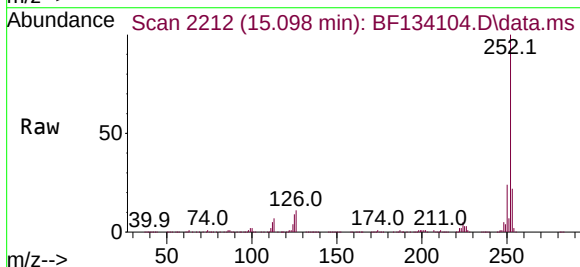
Manual Integrations

APPROVED

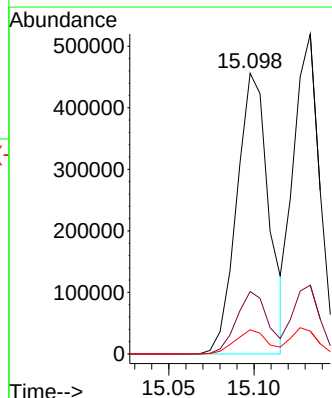
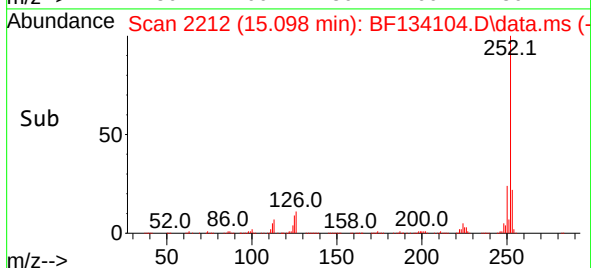
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

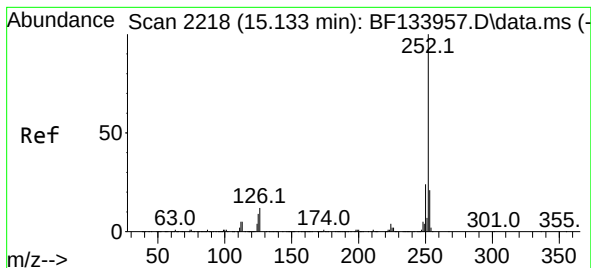


#88
Benzo(b)fluoranthene
Concen: 49.371 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52



Tgt Ion:252 Resp: 597305
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.357 ng m

RT: 15.133 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF134104.D

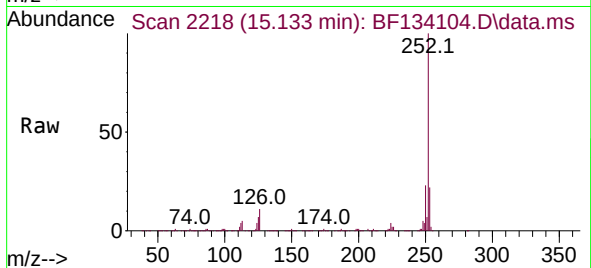
Acq: 06 Jul 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB153909BS



Tgt Ion:252 Resp: 55870

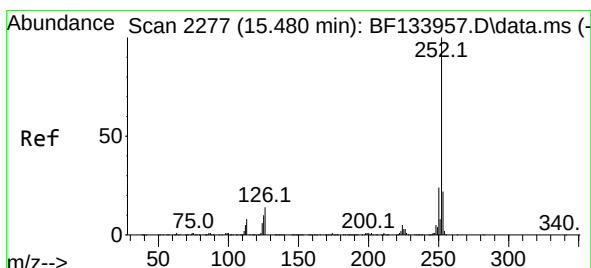
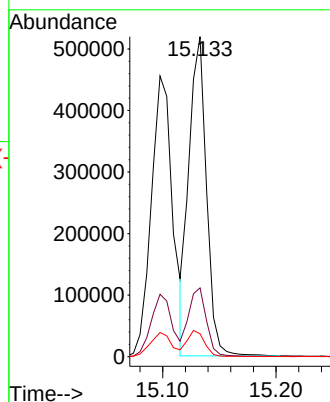
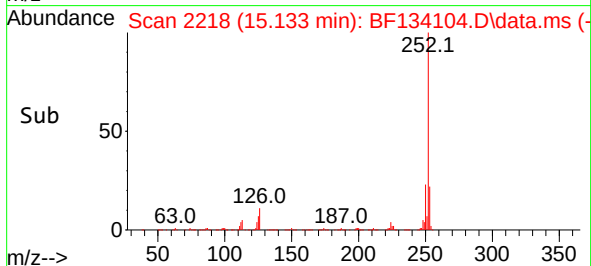
Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.9	25.3
125	7.2	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#90

Benzo(a)pyrene

Concen: 43.145 ng

RT: 15.480 min Scan# 2277

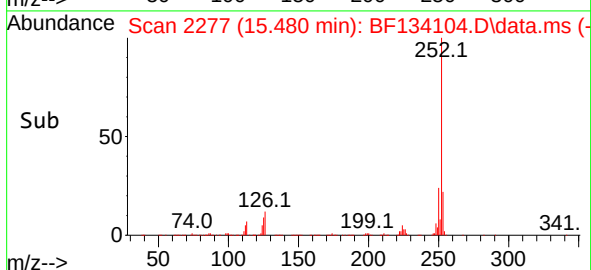
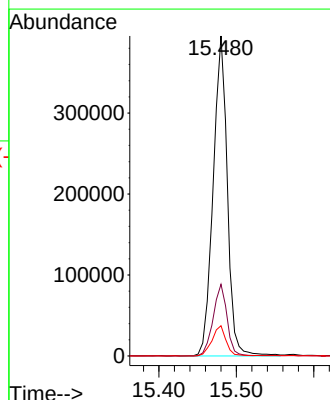
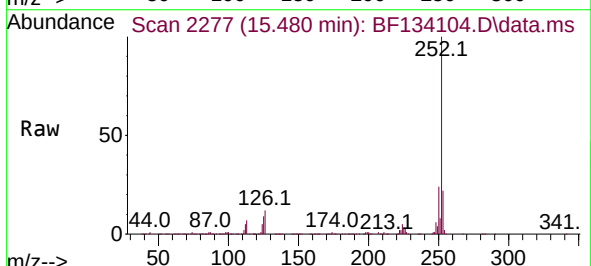
Delta R.T. -0.012 min

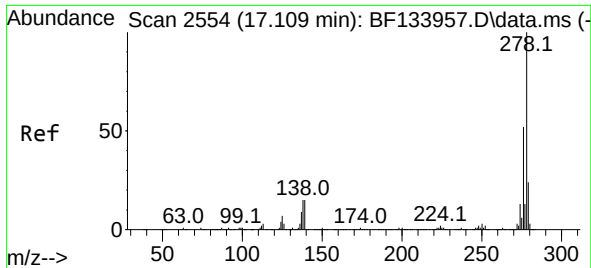
Lab File: BF134104.D

Acq: 06 Jul 2023 18:52

Tgt Ion:252 Resp: 504751

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.4	8.4	12.6





#91
Dibenzo(a,h)anthracene
Concen: 47.191 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.018 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Instrument :

BNF

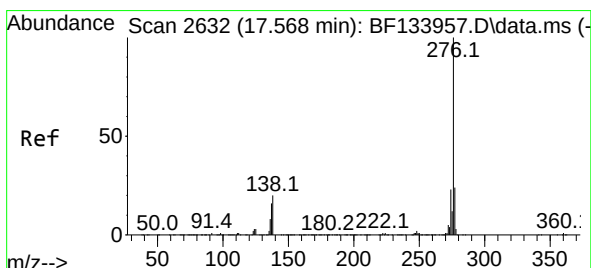
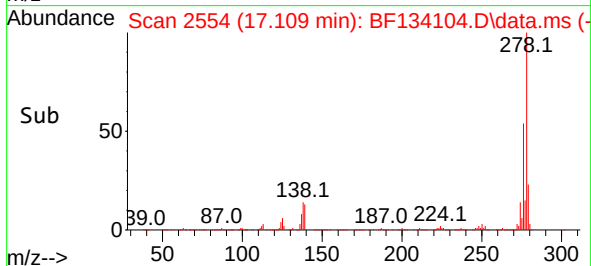
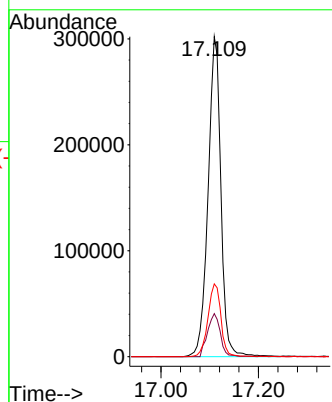
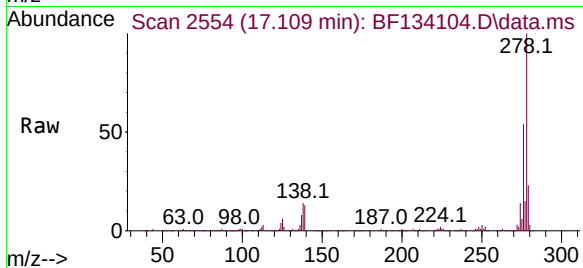
ClientSampleId :

PB153909BS

Tgt Ion:278 Resp: 55031
Ion Ratio Lower Upper
278 100
139 13.5 12.2 18.4
279 22.8 19.4 29.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.770 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.018 min
Lab File: BF134104.D
Acq: 06 Jul 2023 18:52

Tgt Ion:276 Resp: 550422
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 18.9 16.2 24.2

