

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134096.D
 Acq On : 06 Jul 2023 12:50
 Operator : CG\JU
 Sample : PB153188BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153188BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 07 01:09:26 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	138328	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	551699	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	284969	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	563004	20.000	ng	0.00
76) Chrysene-d12	14.045	240	383307	20.000	ng	0.00
86) Perylene-d12	15.545	264	287824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	940287	113.707	ng	0.01
7) Phenol-d6	6.492	99	1136697	111.773	ng	0.00
23) Nitrobenzene-d5	7.416	82	779862	76.199	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	407870	114.155	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1443138	73.628	ng	0.00
79) Terphenyl-d14	12.980	244	1818305	76.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	139396	40.882	ng	99
3) Pyridine	3.528	79	313030	35.245	ng	97
4) n-Nitrosodimethylamine	3.493	42	218688	43.112	ng	99
6) Aniline	6.510	93	317432	25.651	ng	# 38
8) 2-Chlorophenol	6.634	128	382545	45.571	ng	98
9) Benzaldehyde	6.398	77	49991	6.566	ng	94
10) Phenol	6.504	94	442400	41.374	ng	90
11) bis(2-Chloroethyl)ether	6.587	93	352243	44.745	ng	100
12) 1,3-Dichlorobenzene	6.787	146	400631	44.766	ng	99
13) 1,4-Dichlorobenzene	6.863	146	407472	45.077	ng	100
14) 1,2-Dichlorobenzene	7.016	146	385316	45.515	ng	99
15) Benzyl Alcohol	6.992	79	337140	43.003	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	594720	42.703	ng	97
17) 2-Methylphenol	7.104	107	314353	41.818	ng	97
18) Hexachloroethane	7.351	117	155351	46.350	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	270462	41.937	ng	98
20) 3+4-Methylphenols	7.257	107	373549	40.962	ng	90
22) Acetophenone	7.257	105	528748	42.141	ng	97
24) Nitrobenzene	7.434	77	415263	40.152	ng	96
25) Isophorone	7.669	82	748844	40.259	ng	98
26) 2-Nitrophenol	7.745	139	209732	42.273	ng	93
27) 2,4-Dimethylphenol	7.786	122	336715	42.875	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	431825	40.094	ng	99
29) 2,4-Dichlorophenol	7.986	162	321601	41.296	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	339848	42.293	ng	97
31) Naphthalene	8.151	128	1048218	39.335	ng	98
32) Benzoic acid	7.928	122	258752	43.969	ng	98
33) 4-Chloroaniline	8.198	127	116981	10.262	ng	99
34) Hexachlorobutadiene	8.263	225	213840	42.187	ng	98
35) Caprolactam	8.581	113	108488m	42.309	ng	
36) 4-Chloro-3-methylphenol	8.686	107	370667	42.369	ng	96
37) 2-Methylnaphthalene	8.839	142	718757	38.141	ng	100
38) 1-Methylnaphthalene	8.939	142	673391	38.438	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	349758	41.427	ng	99
41) Hexachlorocyclopentadiene	8.992	237	359524	89.761	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	233334	40.599	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	249226	36.866	ng	94
46) 1,1'-Biphenyl	9.310	154	918953	40.201	ng	98
47) 2-Chloronaphthalene	9.333	162	675778	40.405	ng	97
48) 2-Nitroaniline	9.433	65	242956	39.858	ng	99
49) Acenaphthylene	9.751	152	1111639	38.908	ng	100
50) Dimethylphthalate	9.616	163	830261	40.136	ng	99
51) 2,6-Dinitrotoluene	9.680	165	182710	41.009	ng	99
52) Acenaphthene	9.922	154	664725	40.096	ng	99
53) 3-Nitroaniline	9.845	138	115969	21.697	ng	99
54) 2,4-Dinitrophenol	9.963	184	216810	84.056	ng	99
55) Dibenzofuran	10.098	168	1004407	38.766	ng	99
56) 4-Nitrophenol	10.022	139	288717	77.222	ng	94
57) 2,4-Dinitrotoluene	10.086	165	238981	40.616	ng	90
58) Fluorene	10.439	166	800537	39.715	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	222166	41.662	ng	99
60) Diethylphthalate	10.316	149	861697	39.983	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	377777	38.890	ng	99
62) 4-Nitroaniline	10.469	138	203882	37.849	ng	94
63) Azobenzene	10.592	77	810113	39.739	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	146299	47.663	ng	84
66) n-Nitrosodiphenylamine	10.557	169	716029	39.806	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	243336	40.664	ng	91
68) Hexachlorobenzene	10.992	284	281748	44.344	ng	93
69) Atrazine	11.086	200	203869	40.973	ng	99
70) Pentachlorophenol	11.186	266	287699	75.731	ng	100
71) Phenanthrene	11.410	178	1142428	40.308	ng	100
72) Anthracene	11.463	178	1186712	40.255	ng	100
73) Carbazole	11.616	167	1136022	42.102	ng	99
74) Di-n-butylphthalate	11.945	149	1389739	43.311	ng	99
75) Fluoranthene	12.604	202	1292870	42.194	ng	99
77) Benzidine	12.727	184	179403	19.670	ng	99
78) Pyrene	12.833	202	1326231	37.179	ng	100
80) Butylbenzylphthalate	13.457	149	592555	44.291	ng	98
81) Benzo(a)anthracene	14.033	228	1101815	41.448	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	249290	29.600	ng	# 99
83) Chrysene	14.068	228	1023868	39.766	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	706810	45.978	ng	99
85) Di-n-octyl phthalate	14.639	149	937394	41.499	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	934303	46.780	ng	99
88) Benzo(b)fluoranthene	15.098	252	810648	47.899	ng	98
89) Benzo(k)fluoranthene	15.133	252	774738	44.960	ng	99
90) Benzo(a)pyrene	15.480	252	694344	42.427	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	771154	47.272	ng	98
92) Benzo(g,h,i)perylene	17.568	276	838484	49.843	ng	98

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

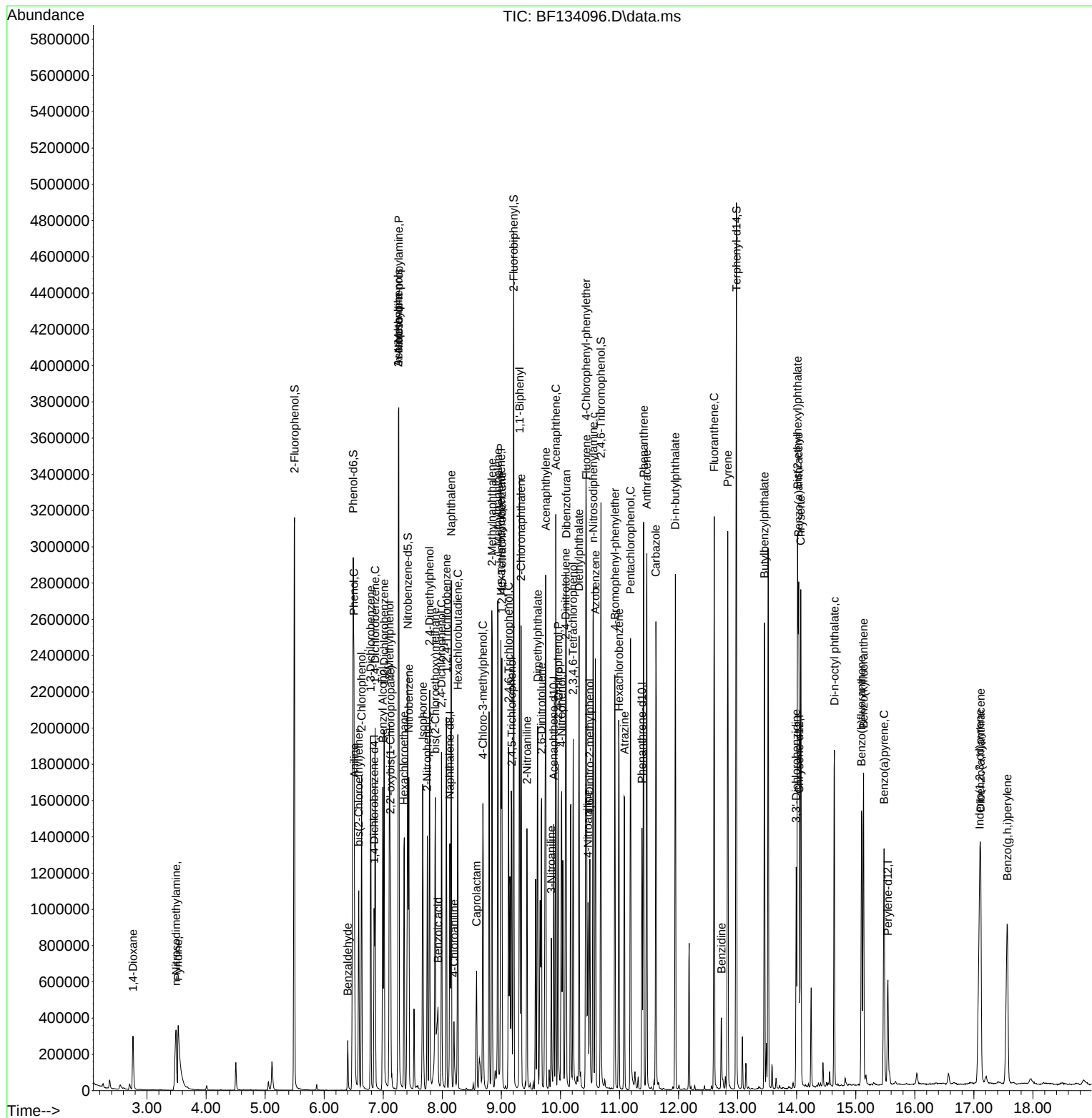
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

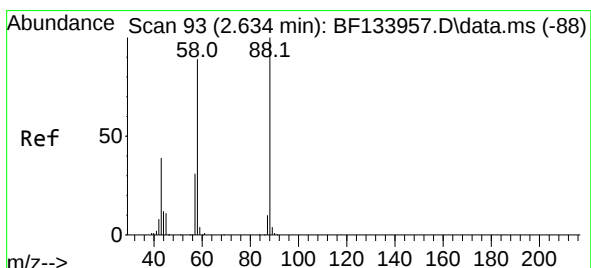
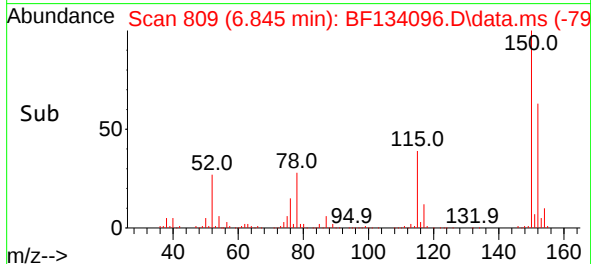
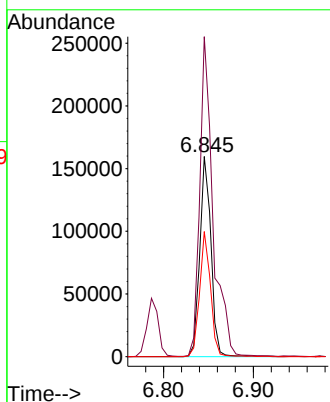
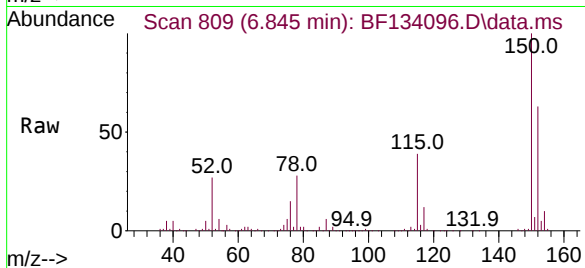
PB153188BS

Tgt Ion:152 Resp: 138328
Ion Ratio Lower Upper
152 100
150 159.9 124.5 186.7
115 62.5 50.2 75.2

Manual Integrations

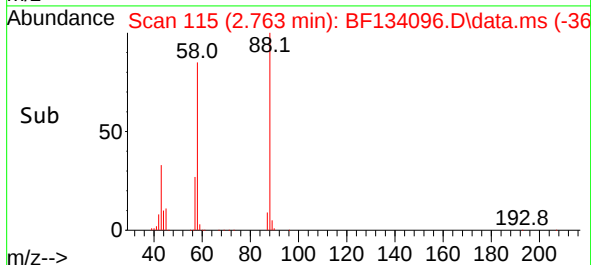
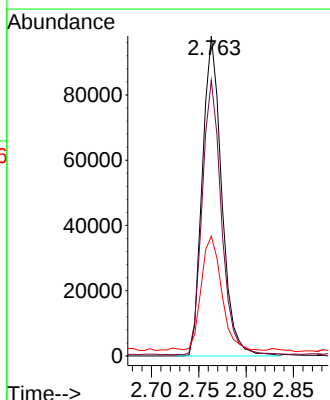
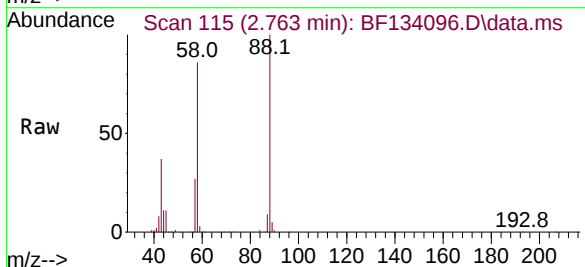
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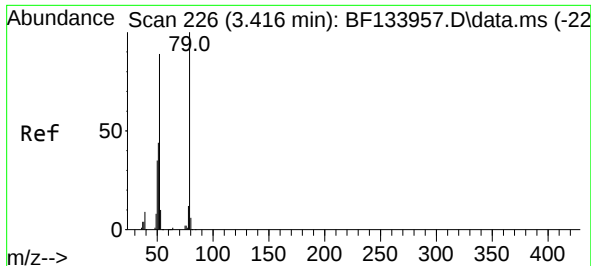
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#2
1,4-Dioxane
Concen: 40.882 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.118 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

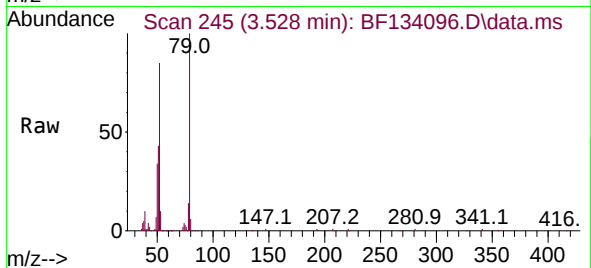
Tgt Ion: 88 Resp: 139396
Ion Ratio Lower Upper
88 100
58 85.2 68.8 103.2
43 37.0 30.7 46.1





#3
Pyridine
Concen: 35.245 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.094 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

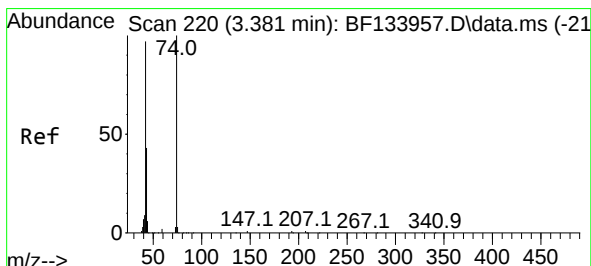
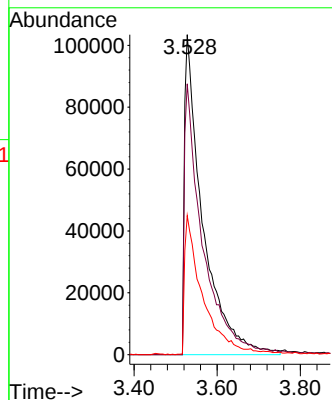
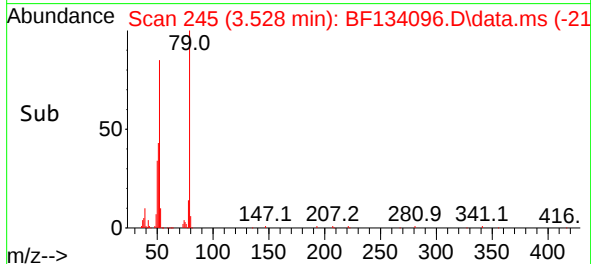
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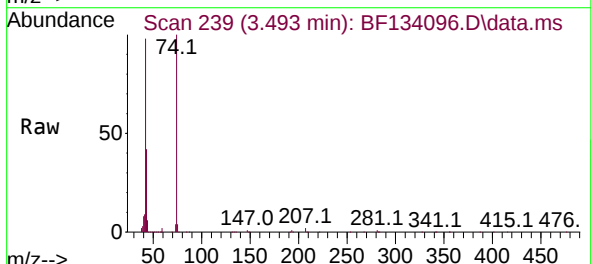
Tgt Ion: 79 Resp: 313030
Ion Ratio Lower Upper
79 100
52 84.7 71.1 106.7
51 43.4 35.2 52.8

Manual Integrations
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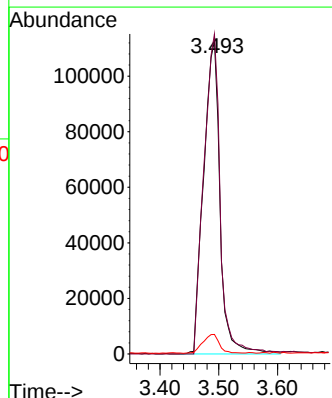
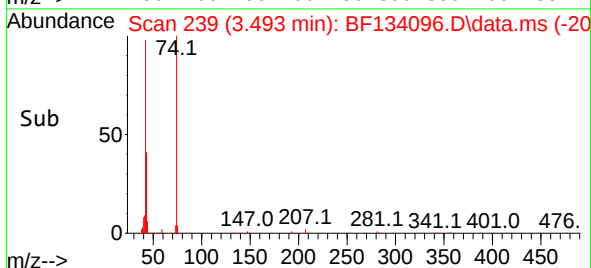
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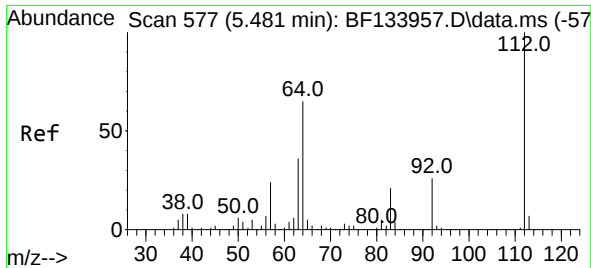


#4
n-Nitrosodimethylamine
Concen: 43.112 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.088 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion: 42 Resp: 218688
Ion Ratio Lower Upper
42 100
74 102.3 82.4 123.6
44 6.2 4.9 7.3





#5
2-Fluorophenol
Concen: 113.707 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

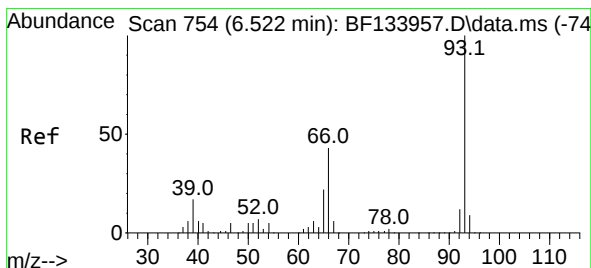
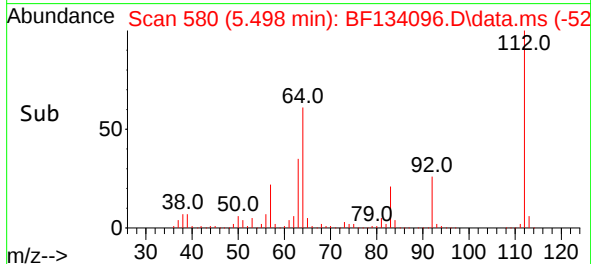
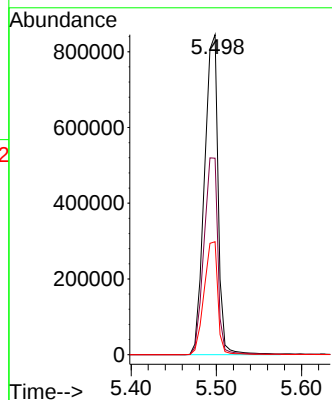
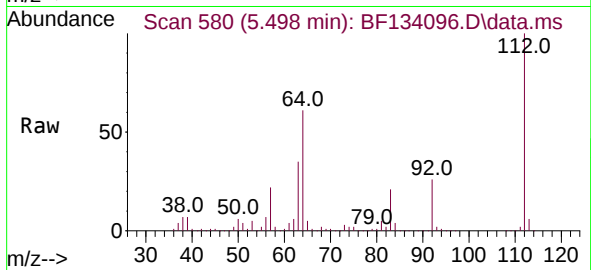
ClientSampleId :

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Tgt Ion:112 Resp: 94028
Ion Ratio Lower Upper
112 100
64 61.4 52.1 78.1
63 35.3 28.6 42.8

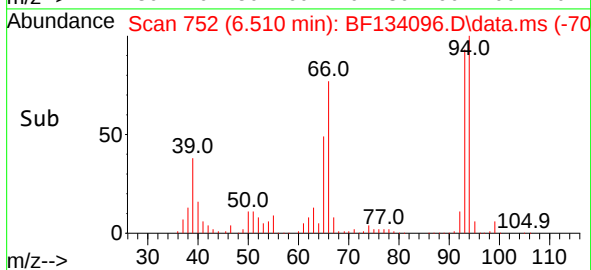
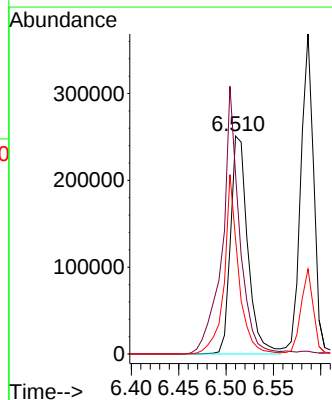
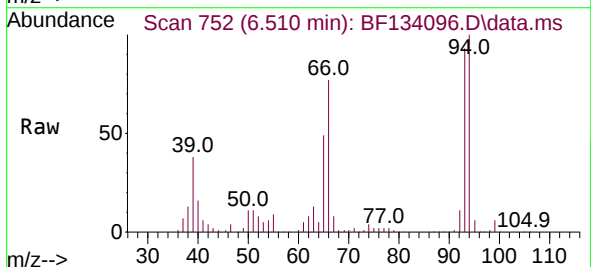
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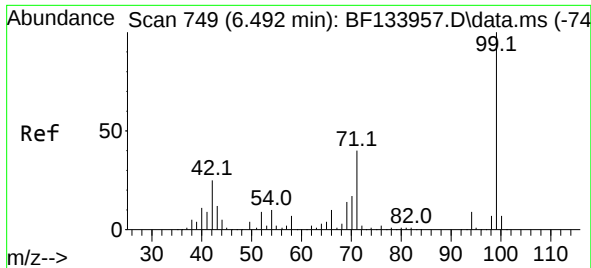
Reviewed By :Yogesh Patel 07/07/2023
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#6
Aniline
Concen: 25.651 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134096.D
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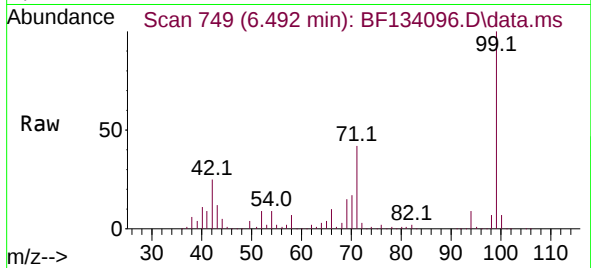
Tgt Ion: 93 Resp: 317432
Ion Ratio Lower Upper
93 100
66 82.5 34.5 51.7#
65 52.8 17.8 26.6#





#7
Phenol-d6
Concen: 111.773 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

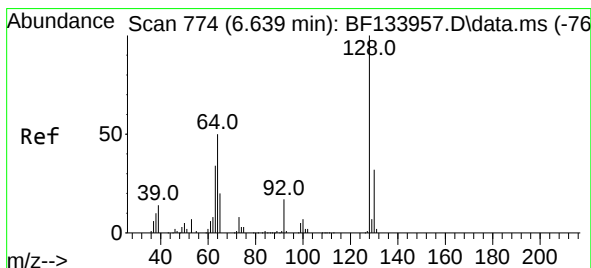
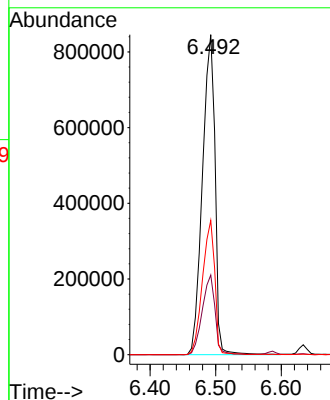
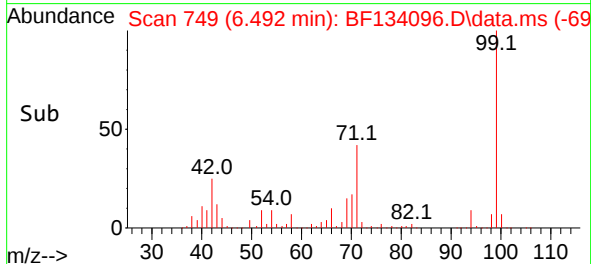
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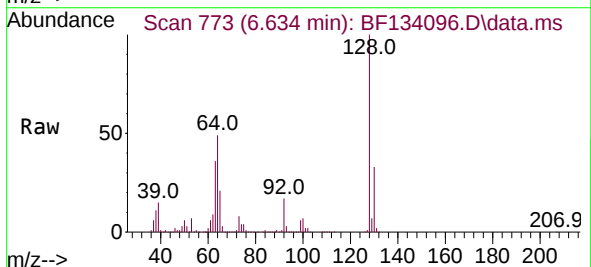
Tgt Ion: 99 Resp: 113669
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 42.0 31.9 47.9

Manual Integrations
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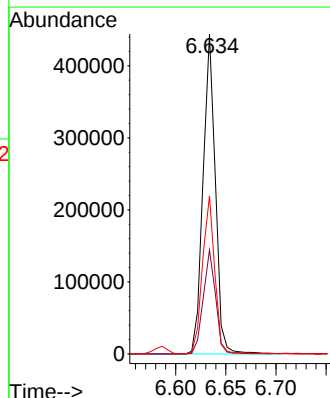
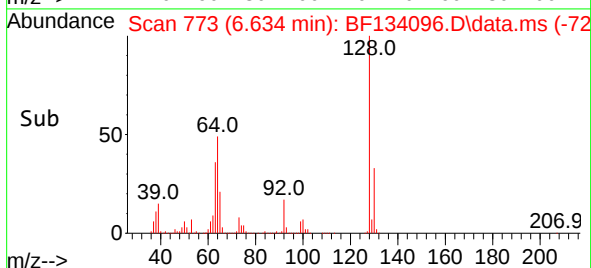
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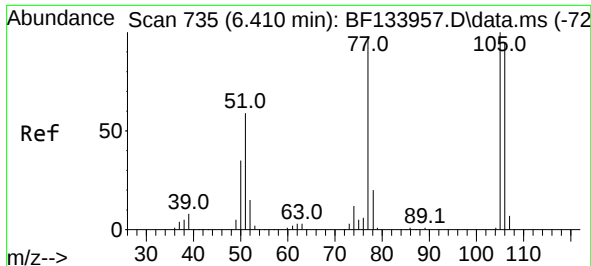


#8
2-Chlorophenol
Concen: 45.571 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:128 Resp: 382545
Ion Ratio Lower Upper
128 100
130 32.5 11.7 51.7
64 49.4 31.3 71.3





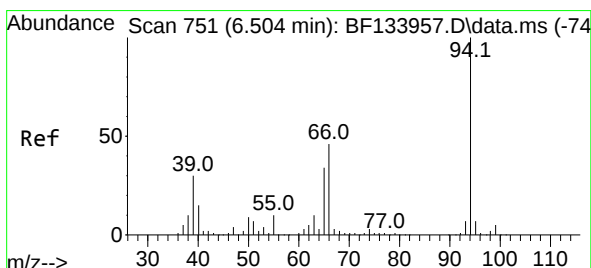
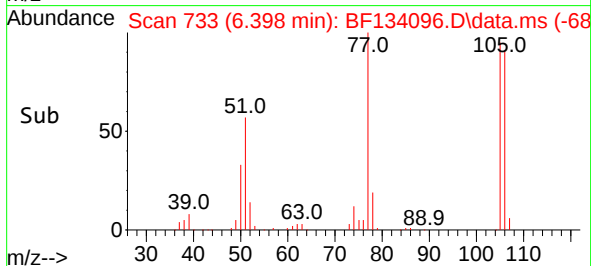
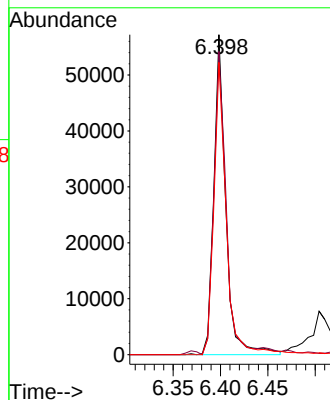
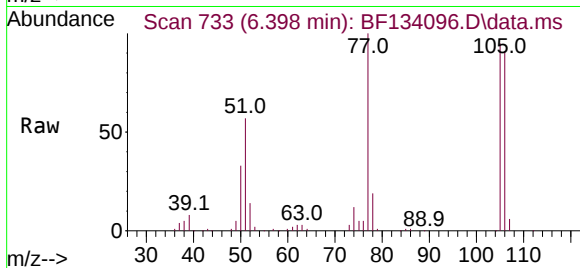
#9
Benzaldehyde
Concen: 6.566 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :
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ClientSampleId :
PB153188BS

Tgt Ion: 77 Resp: 4999
Ion Ratio Lower Upper
77 100
105 94.8 82.0 122.0
106 91.3 76.9 116.9

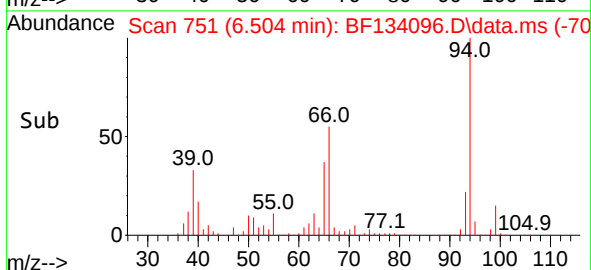
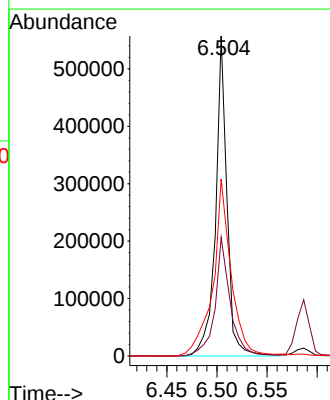
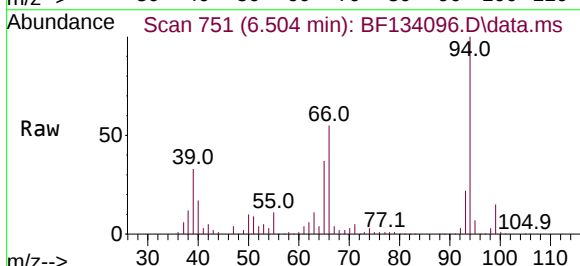
Manual Integrations
APPROVED

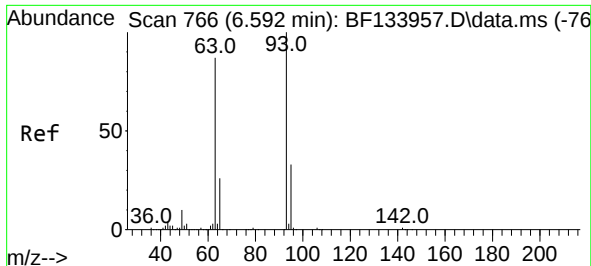
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#10
Phenol
Concen: 41.374 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion: 94 Resp: 442400
Ion Ratio Lower Upper
94 100
65 37.1 14.2 54.2
66 55.3 26.4 66.4





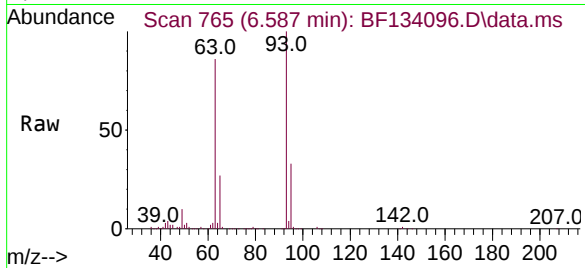
#11
bis(2-Chloroethyl)ether
Concen: 44.745 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS

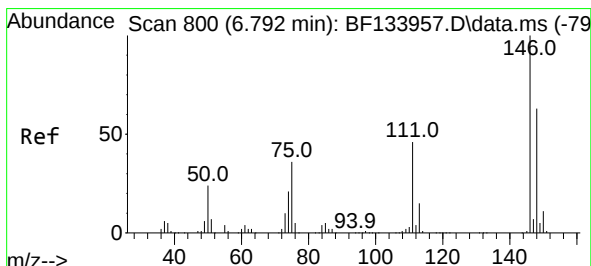
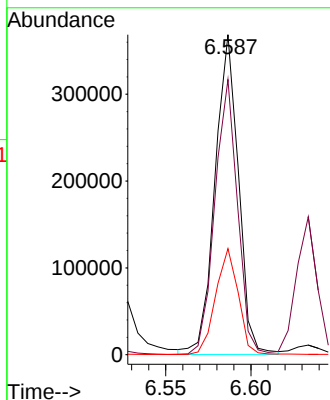
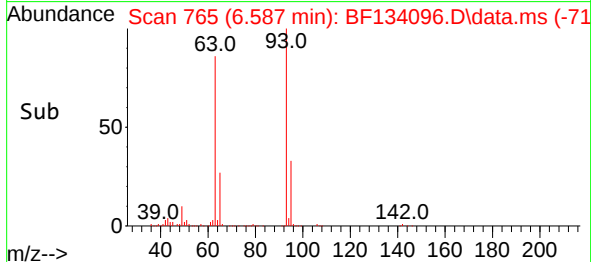


Tgt Ion: 93 Resp: 35224
Ion Ratio Lower Upper
93 100
63 86.0 66.5 106.5
95 33.1 12.9 52.9

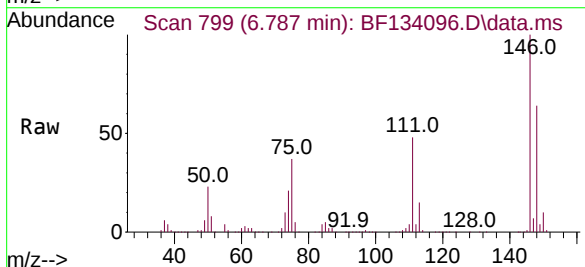
Manual Integrations

APPROVED

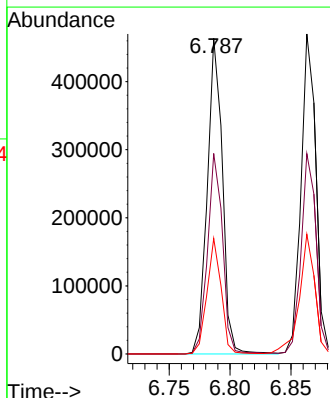
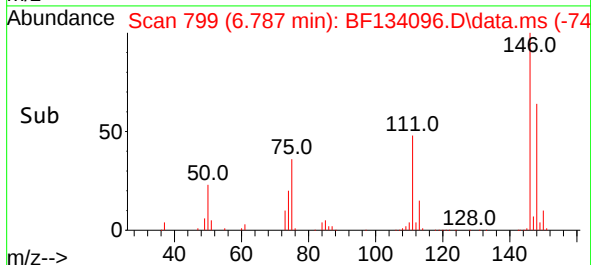
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

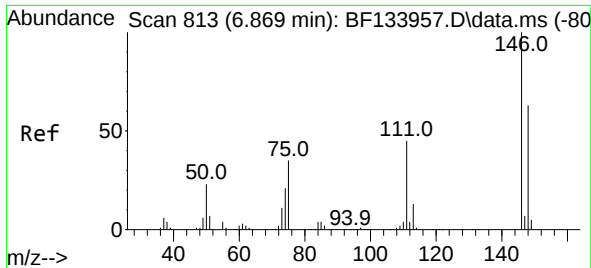


#12
1,3-Dichlorobenzene
Concen: 44.766 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:146 Resp: 400631
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 36.6 29.0 43.6





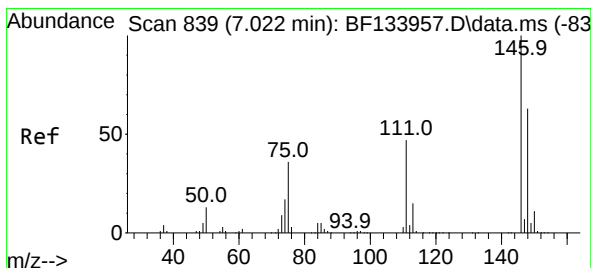
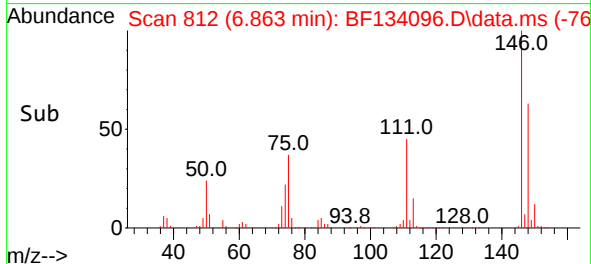
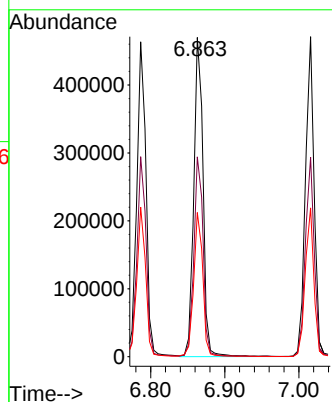
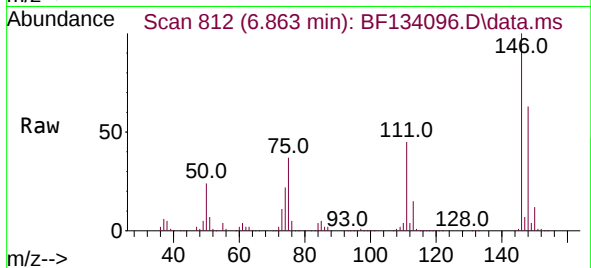
#13
1,4-Dichlorobenzene
Concen: 45.077 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB153188BS

Tgt Ion:146 Resp: 407472
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.2
111 45.2 35.8 53.6

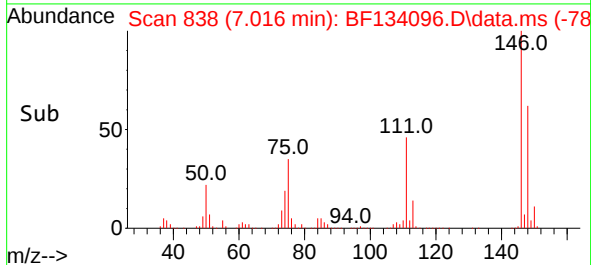
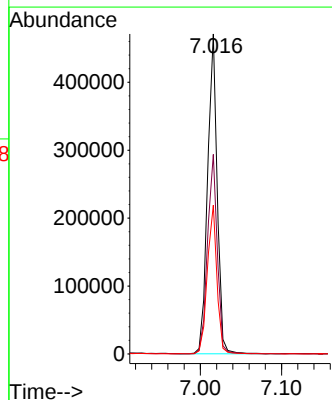
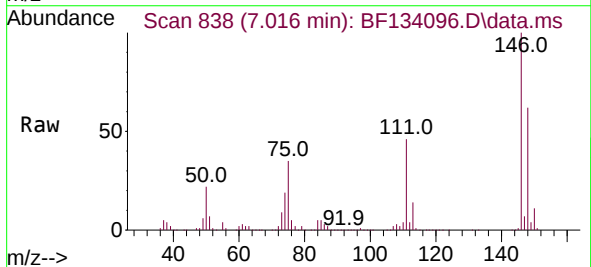
Manual Integrations
APPROVED

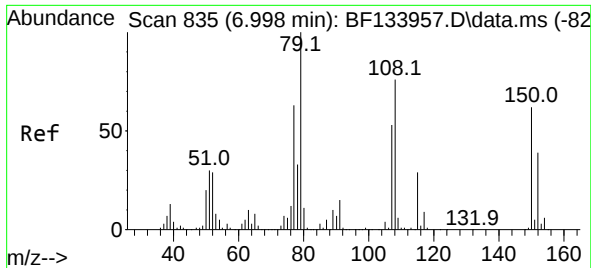
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#14
1,2-Dichlorobenzene
Concen: 45.515 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:146 Resp: 385316
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
111 46.5 38.0 57.0





#15
Benzyl Alcohol
Concen: 43.003 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

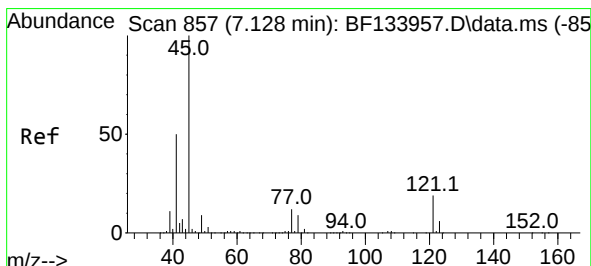
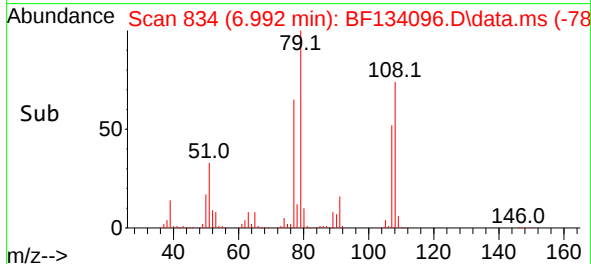
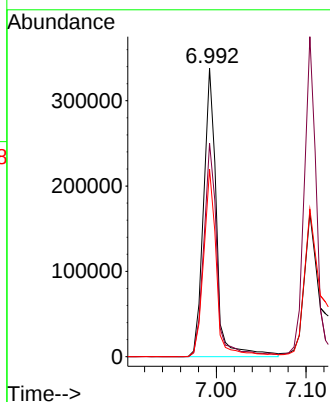
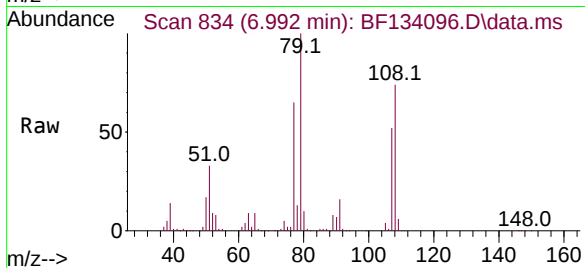
PB153188BS

Tgt Ion: 79 Resp: 337140
Ion Ratio Lower Upper
79 100
108 74.0 60.7 91.1
77 65.0 50.6 75.8

Manual Integrations

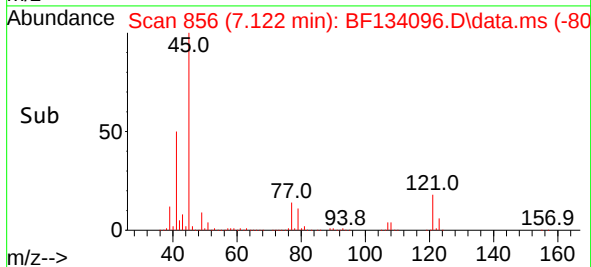
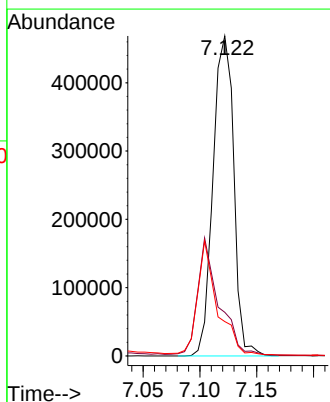
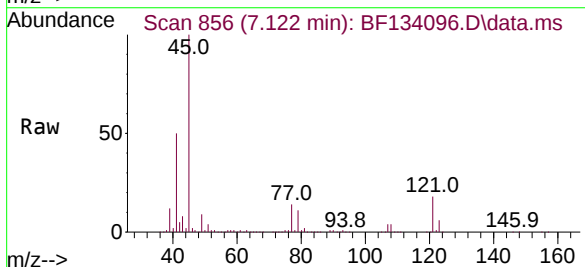
APPROVED

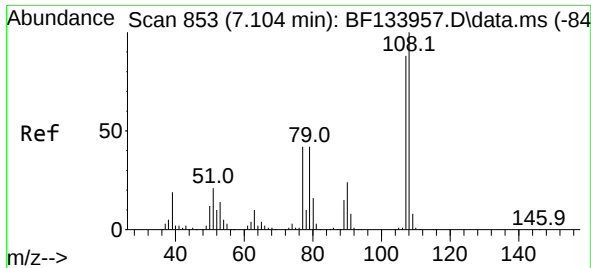
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.703 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion: 45 Resp: 594720
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.9
79 10.7 0.0 29.5





#17
2-Methylphenol
Concen: 41.818 ng
RT: 7.104 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

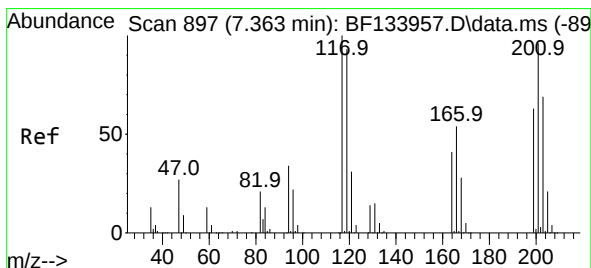
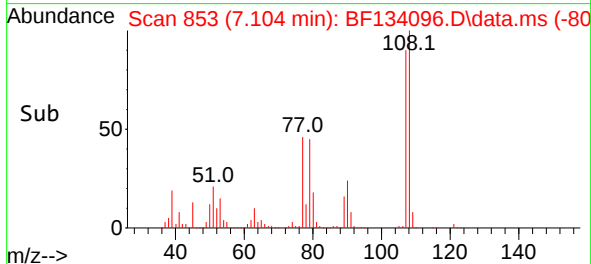
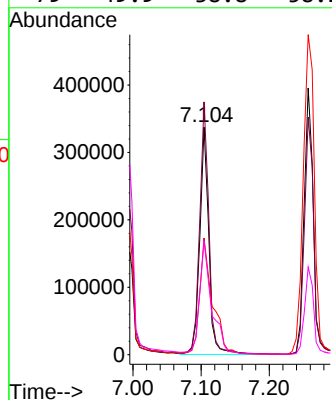
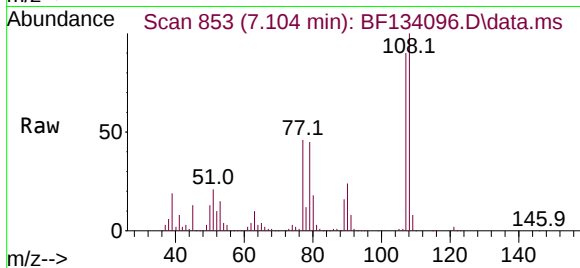
PB153188BS

Tgt Ion:107 Resp: 314351
Ion Ratio Lower Upper
107 100
108 111.1 90.6 136.0
77 51.2 38.3 57.5
79 49.9 38.8 58.2

Manual Integrations

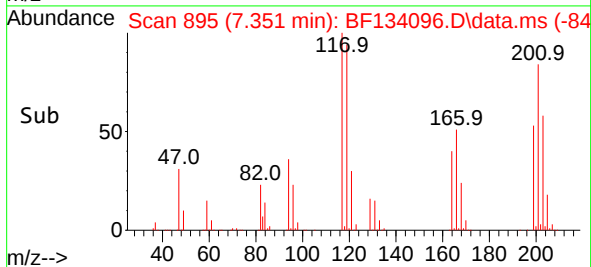
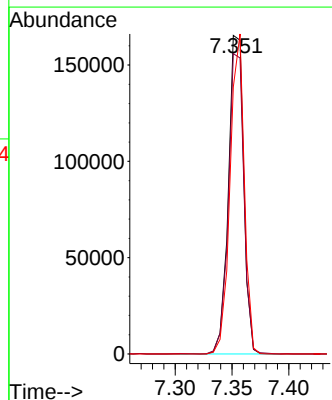
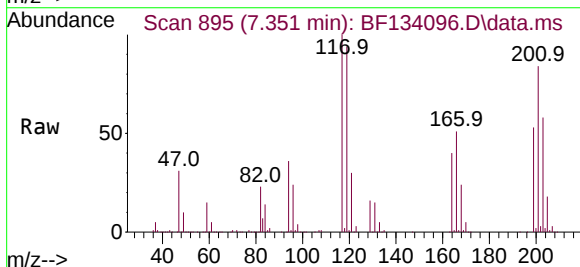
APPROVED

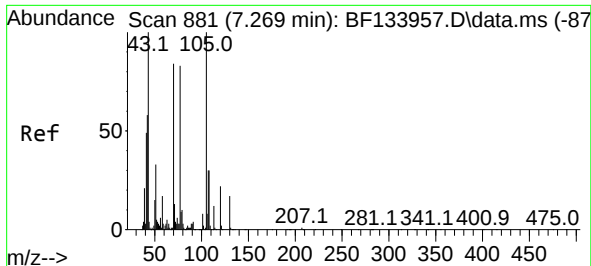
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#18
Hexachloroethane
Concen: 46.350 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

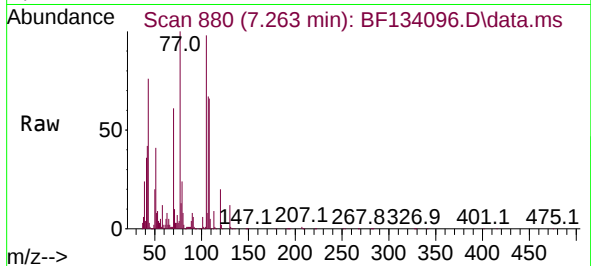
Tgt Ion:117 Resp: 155351
Ion Ratio Lower Upper
117 100
119 94.2 74.2 111.4
201 83.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.937 ng
RT: 7.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

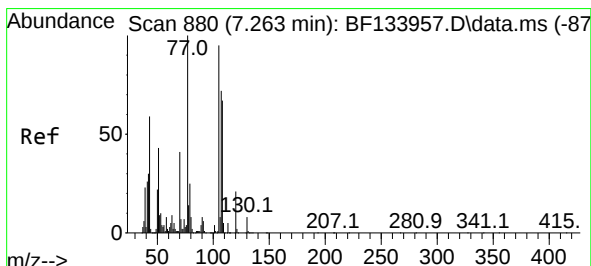
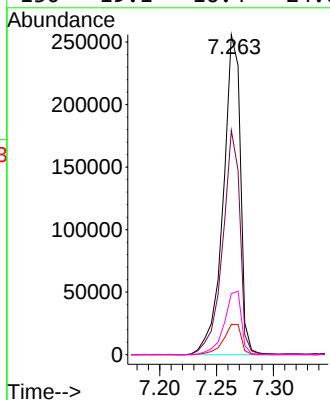
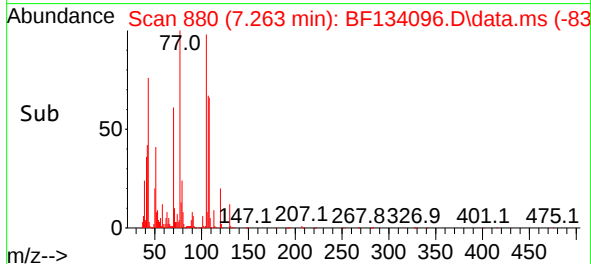
Instrument :
BNA_F
ClientSampleId :
PB153188BS



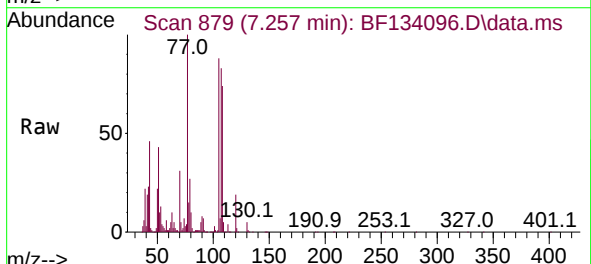
Tgt Ion: 70 Resp: 270462
Ion Ratio Lower Upper
70 100
42 70.1 54.7 82.1
101 9.5 7.7 11.5
130 19.1 16.4 24.6

Manual Integrations
APPROVED

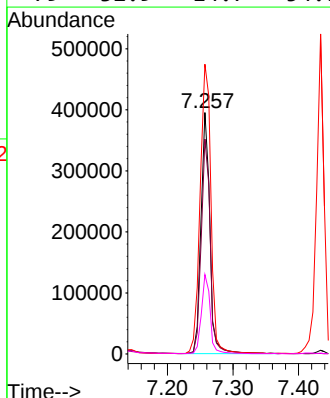
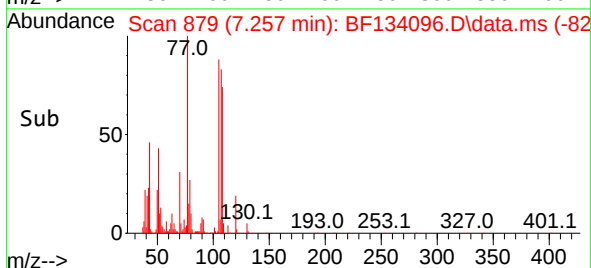
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

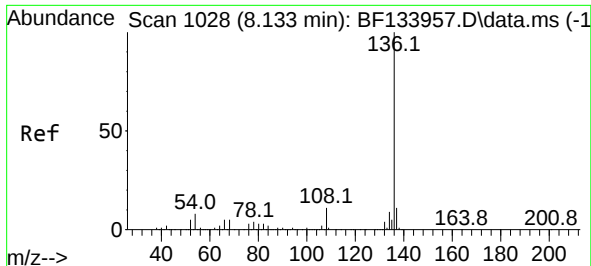


#20
3+4-Methylphenols
Concen: 40.962 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:107 Resp: 373549
Ion Ratio Lower Upper
107 100
108 89.0 73.2 113.2
77 120.0 118.3 158.3
79 32.9 14.7 54.7





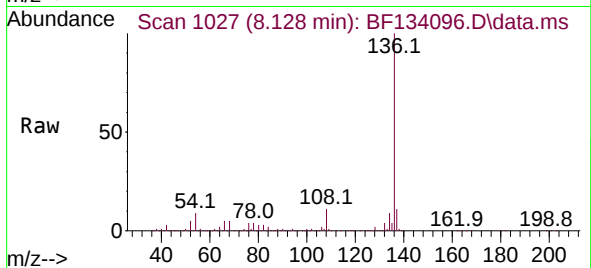
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS

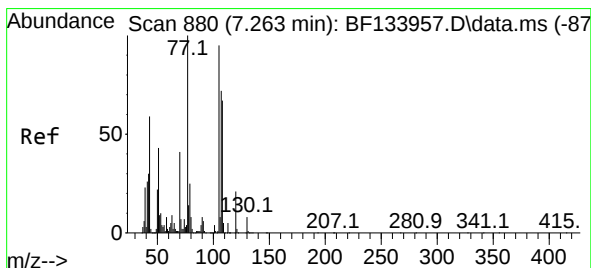
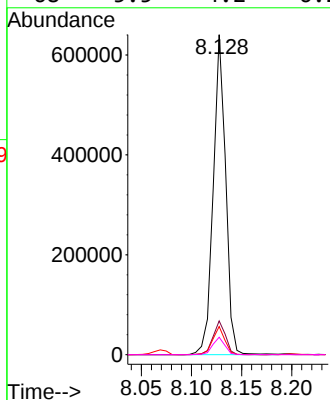
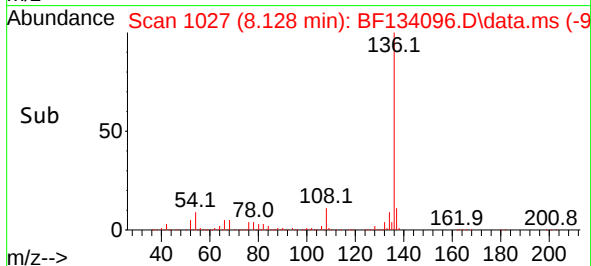


Tgt Ion:136 Resp: 551699
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.8 6.5 9.7
68 5.5 4.2 6.2

Manual Integrations

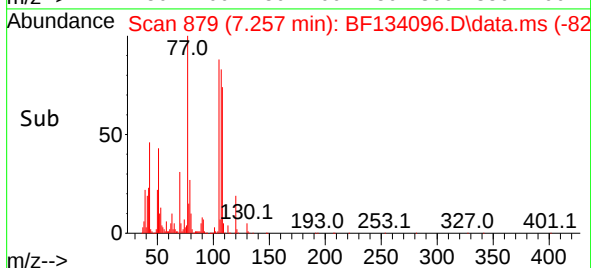
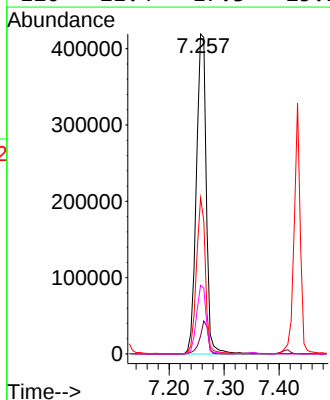
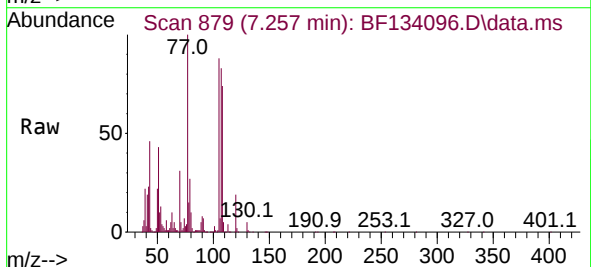
APPROVED

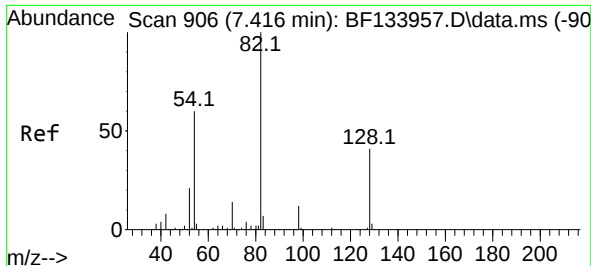
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#22
Acetophenone
Concen: 42.141 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:105 Resp: 528748
Ion Ratio Lower Upper
105 100
71 5.7 5.5 8.3
51 48.8 36.5 54.7
120 21.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 76.199 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

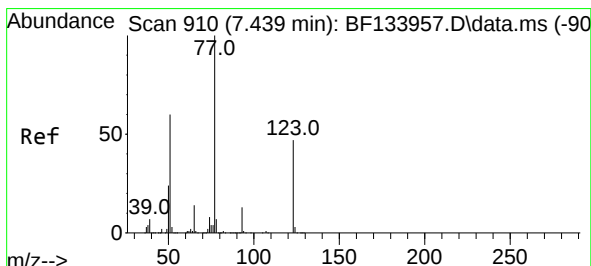
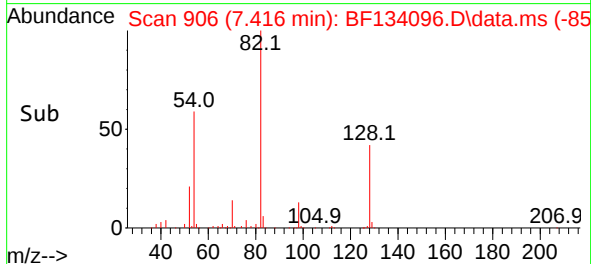
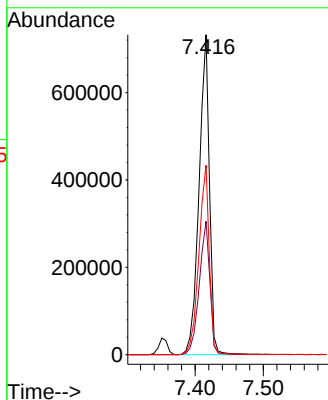
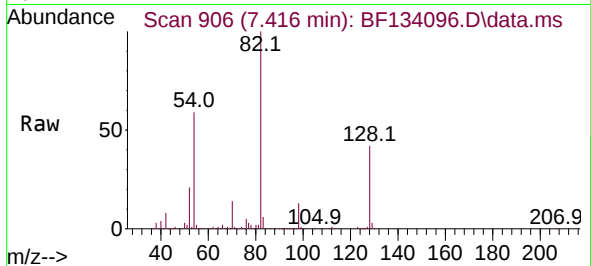
ClientSampleId :

PB153188BS

Tgt Ion: 82 Resp: 779862
Ion Ratio Lower Upper
82 100
128 41.7 32.5 48.7
54 59.2 48.2 72.2

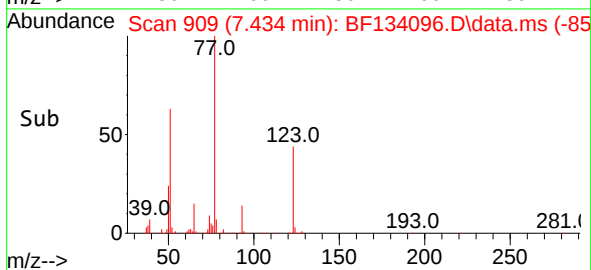
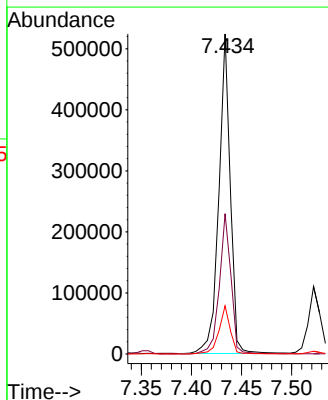
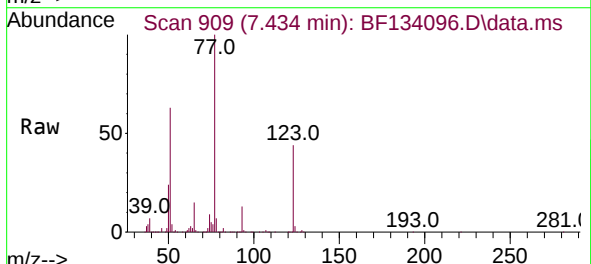
Manual Integrations
APPROVED

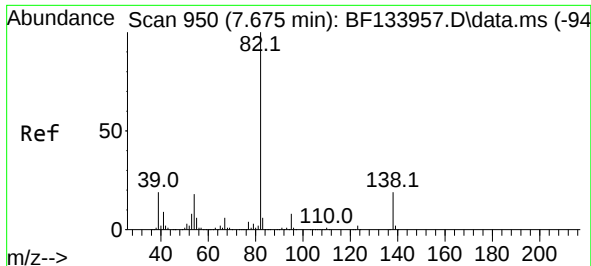
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#24
Nitrobenzene
Concen: 40.152 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

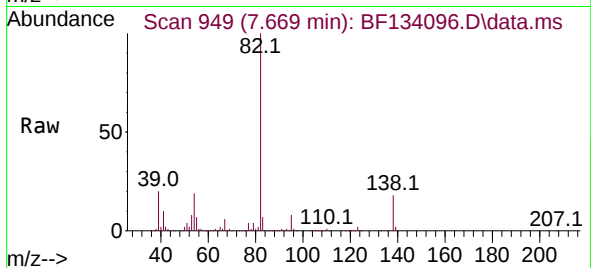
Tgt Ion: 77 Resp: 415263
Ion Ratio Lower Upper
77 100
123 43.8 37.8 56.6
65 15.1 11.3 16.9





#25
Isophorone
Concen: 40.259 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

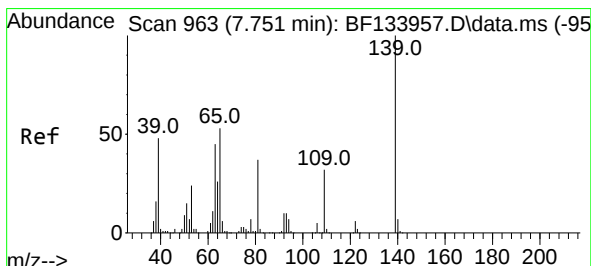
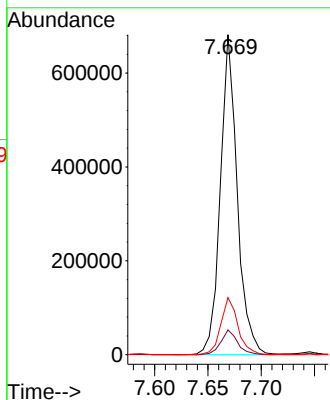
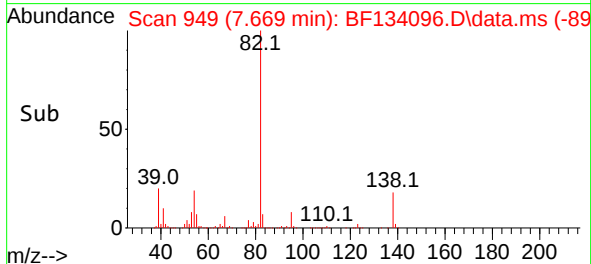
Instrument :
BNA_F
ClientSampleId :
PB153188BS



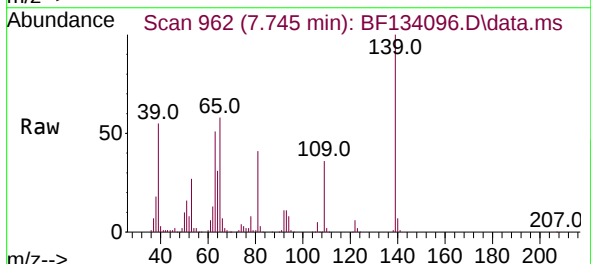
Tgt Ion: 82 Resp: 74884
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 17.9 15.2 22.8

Manual Integrations
APPROVED

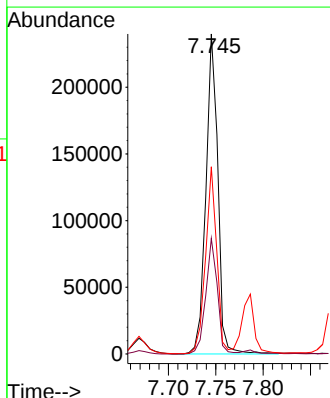
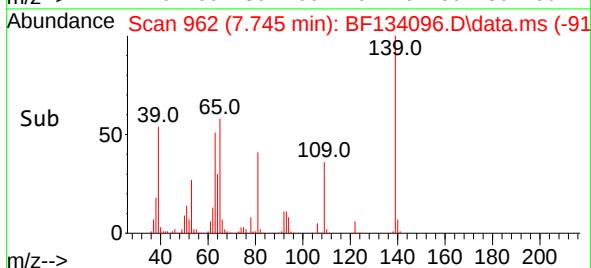
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#26
2-Nitrophenol
Concen: 42.273 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:139 Resp: 209732
Ion Ratio Lower Upper
139 100
109 36.1 25.8 38.8
65 58.5 42.4 63.6





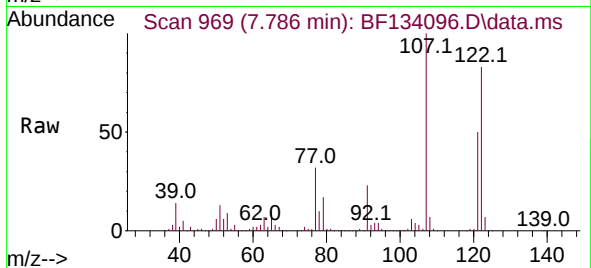
#27
2,4-Dimethylphenol
Concen: 42.875 ng
RT: 7.786 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

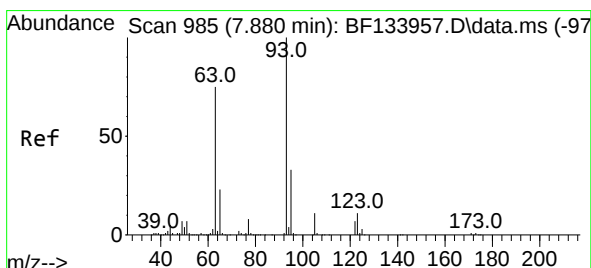
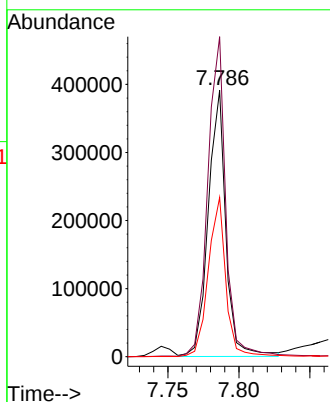
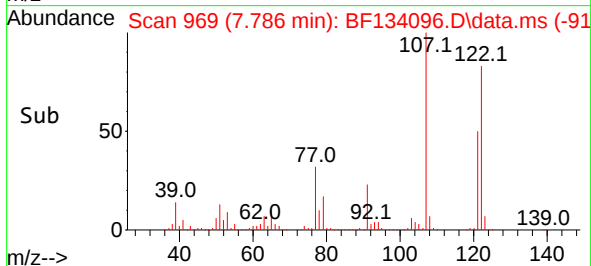
PB153188BS



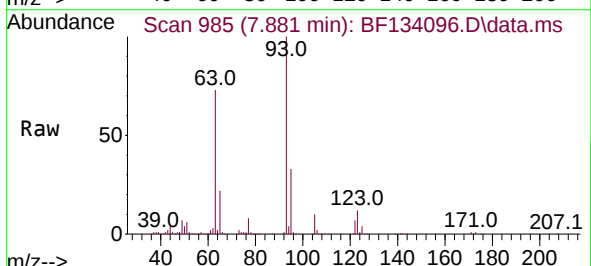
Tgt Ion:122 Resp: 336715
Ion Ratio Lower Upper
122 100
107 120.2 95.5 143.3
121 59.7 45.5 68.3

Manual Integrations
APPROVED

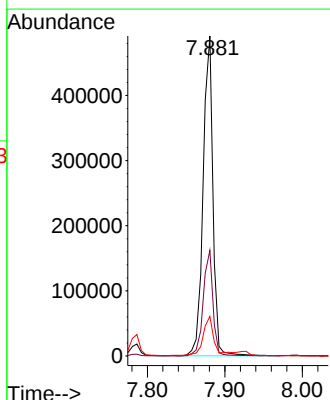
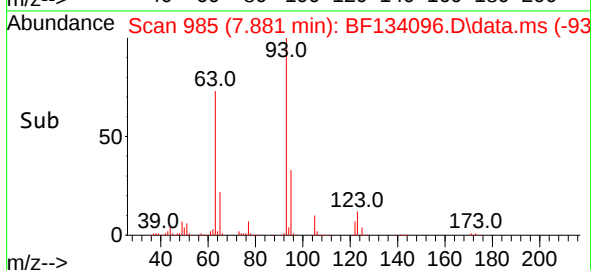
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

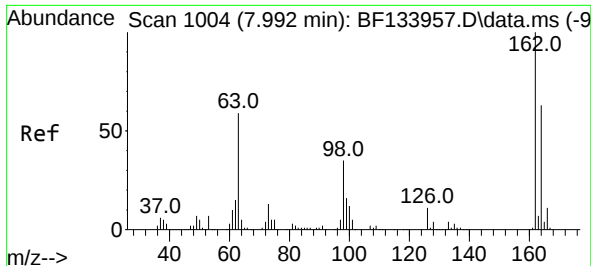


#28
bis(2-Chloroethoxy)methane
Concen: 40.094 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion: 93 Resp: 431825
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 12.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.296 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134096.D

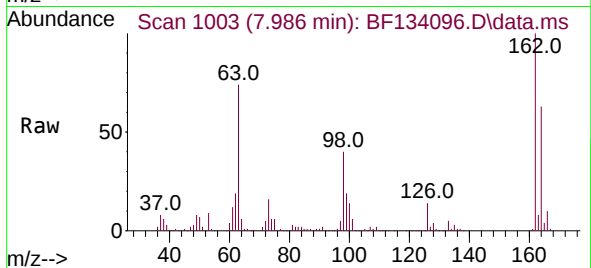
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS



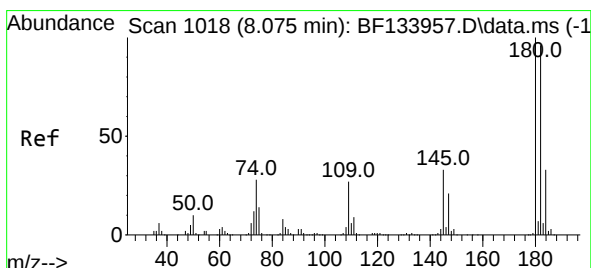
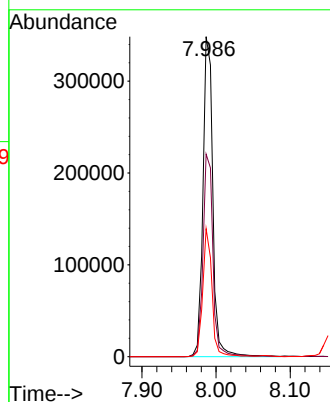
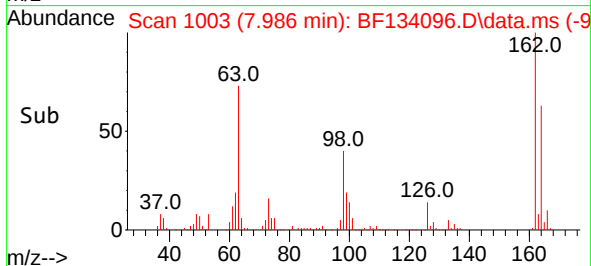
Tgt Ion:	162	Resp:	32160
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.2	83.2
98	40.0	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.293 ng

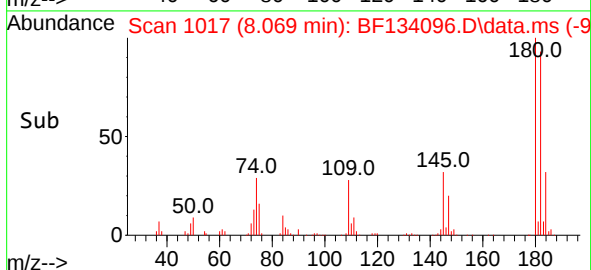
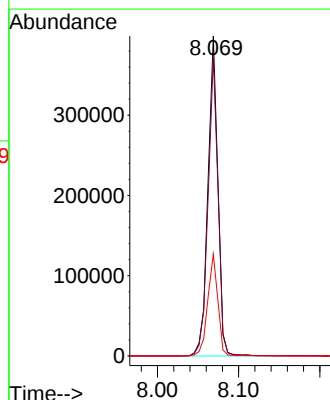
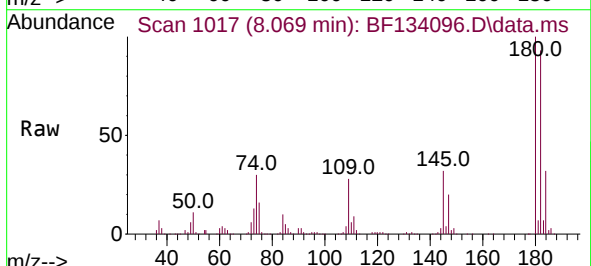
RT: 8.069 min Scan# 1017

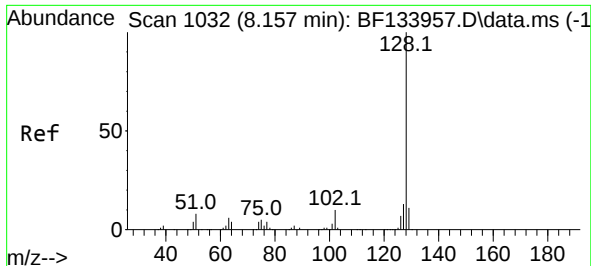
Delta R.T. -0.006 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

Tgt Ion:	180	Resp:	339848
Ion Ratio	Lower	Upper	
180	100		
182	93.5	77.1	115.7
145	31.8	26.0	39.0





#31
Naphthalene
Concen: 39.335 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

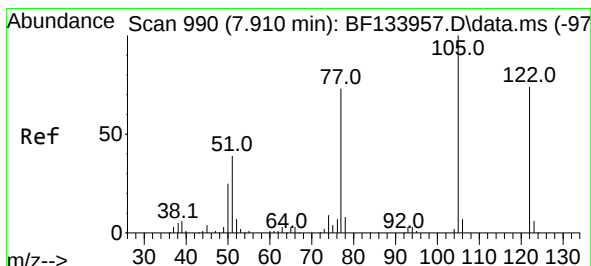
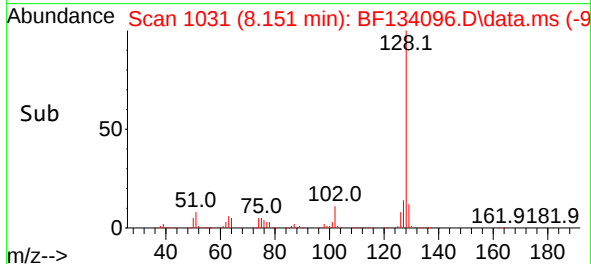
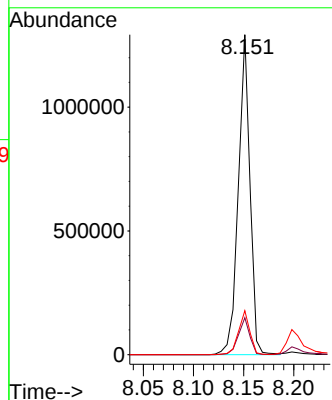
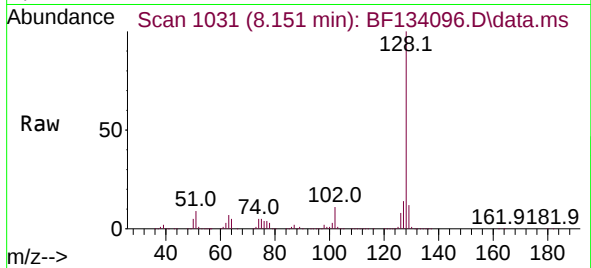
PB153188BS

Tgt Ion:128 Resp: 1048218
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.8 10.6 15.8

Manual Integrations

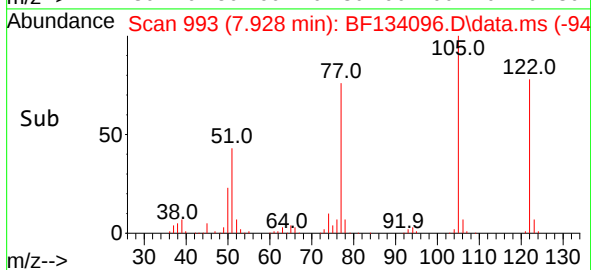
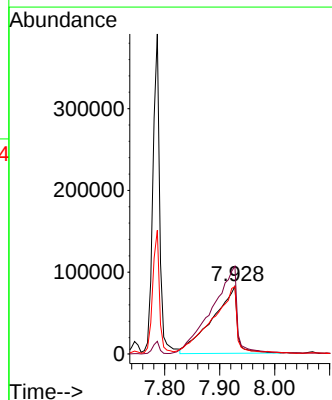
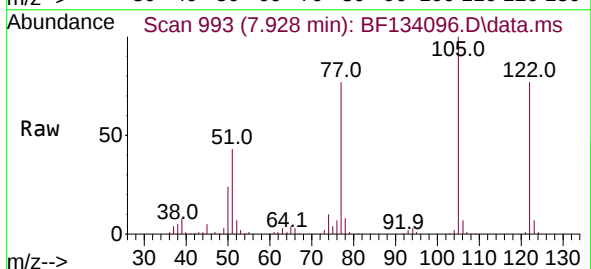
APPROVED

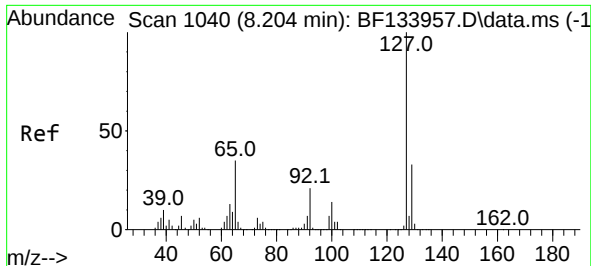
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#32
Benzoic acid
Concen: 43.969 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:122 Resp: 258752
Ion Ratio Lower Upper
122 100
105 129.1 109.7 149.7
77 99.4 76.0 116.0





#33

4-Chloroaniline

Concen: 10.262 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS

Tgt Ion:127 Resp: 11698

Ion Ratio Lower Upper

127 100

129 31.4 26.4 39.6

65 34.9 27.8 41.8

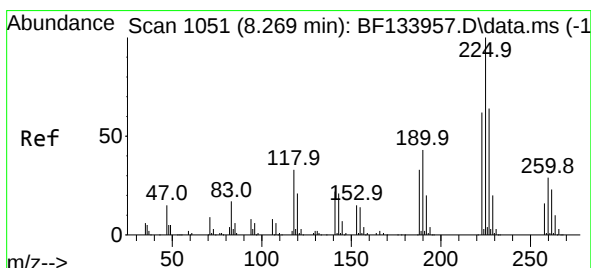
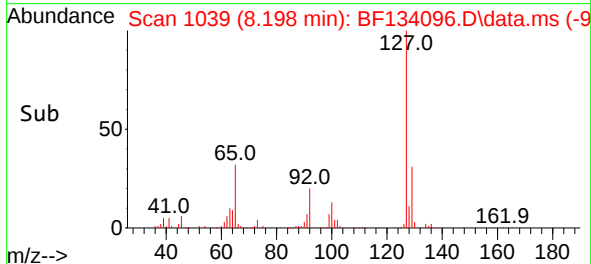
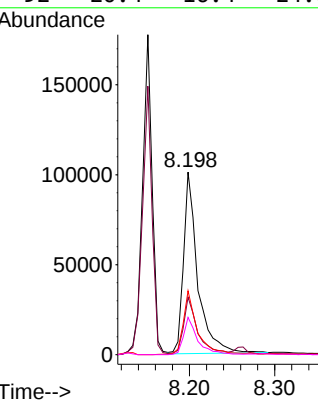
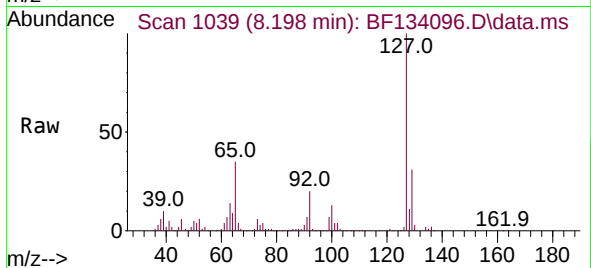
92 20.4 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#34

Hexachlorobutadiene

Concen: 42.187 ng

RT: 8.263 min Scan# 1050

Delta R.T. -0.000 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

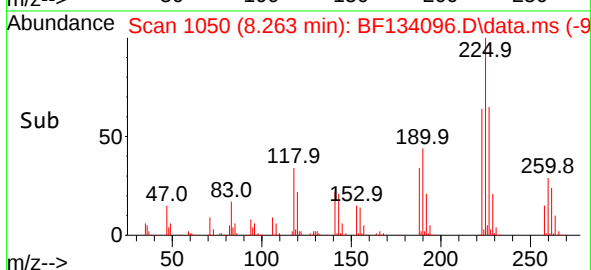
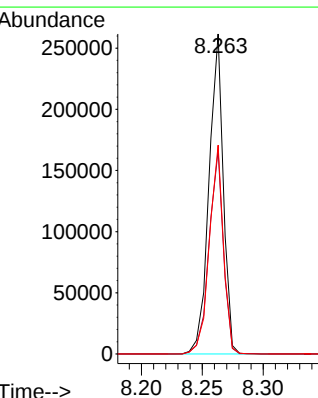
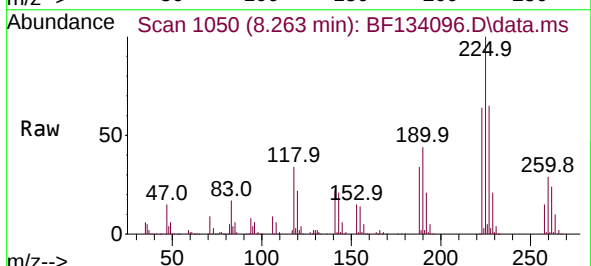
Tgt Ion:225 Resp: 213840

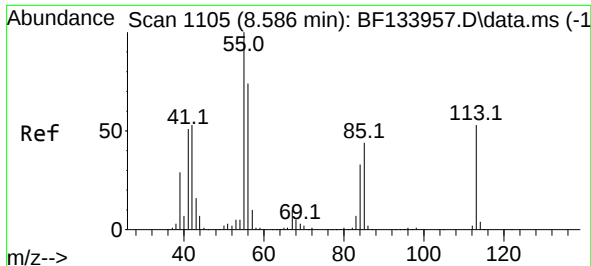
Ion Ratio Lower Upper

225 100

223 63.6 49.8 74.8

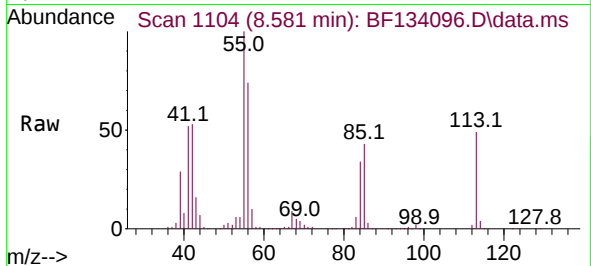
227 65.2 51.0 76.4





#35
Caprolactam
Concen: 42.309 ng m
RT: 8.581 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

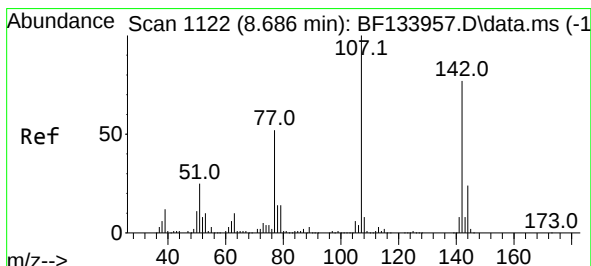
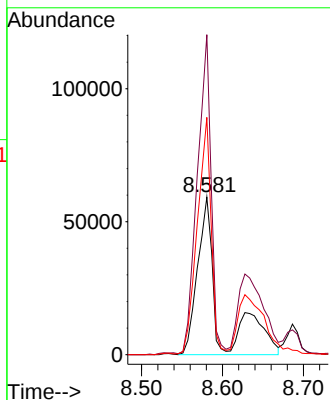
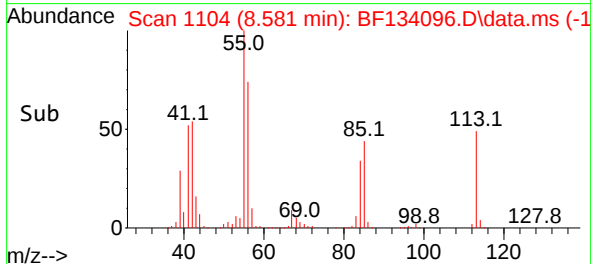
Instrument :
BNA_F
ClientSampleId :
PB153188BS



Tgt Ion:113 Resp: 10848
Ion Ratio Lower Upper
113 100
55 203.0 170.2 210.2
56 150.6 121.4 161.4

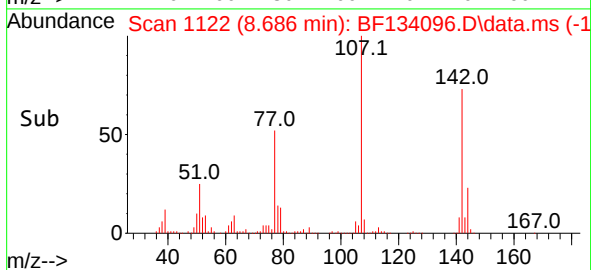
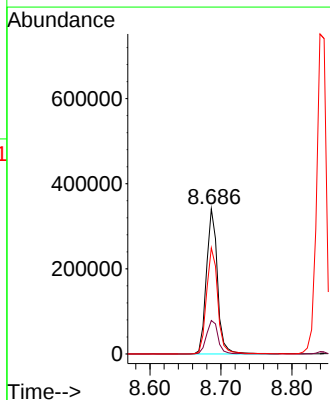
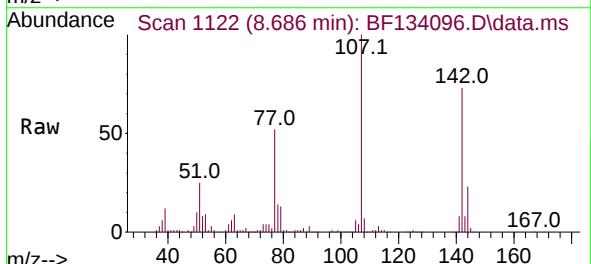
Manual Integrations
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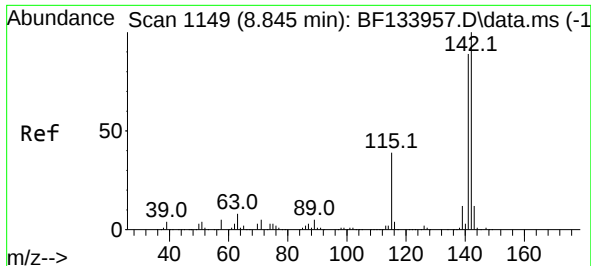
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#36
4-Chloro-3-methylphenol
Concen: 42.369 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:107 Resp: 370667
Ion Ratio Lower Upper
107 100
144 23.0 19.6 29.4
142 73.2 61.4 92.2





#37
2-Methylnaphthalene
Concen: 38.141 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

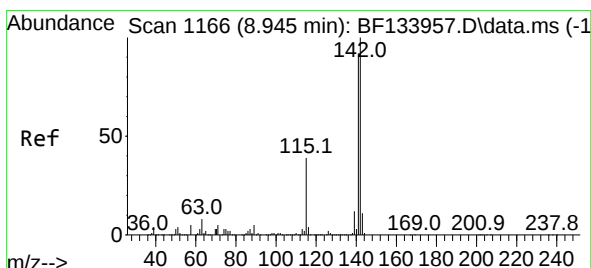
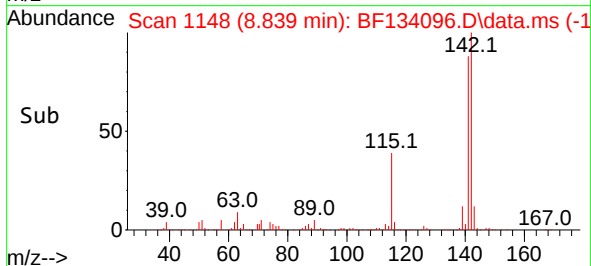
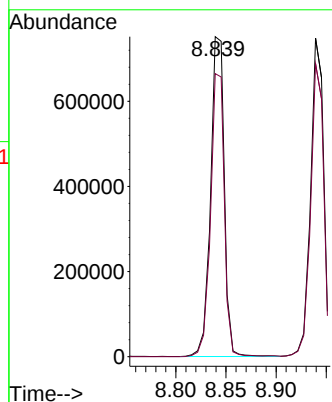
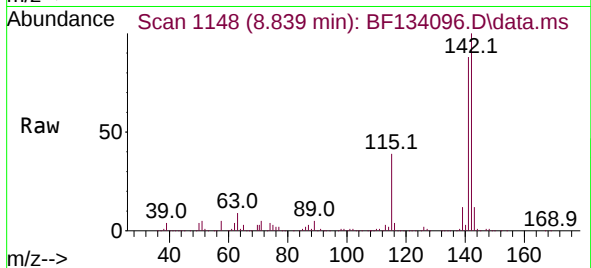
PB153188BS

Tgt Ion:142 Resp: 71875
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4

Manual Integrations

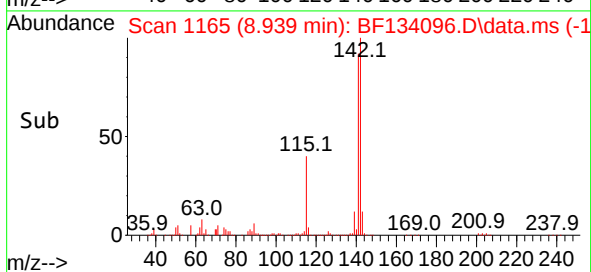
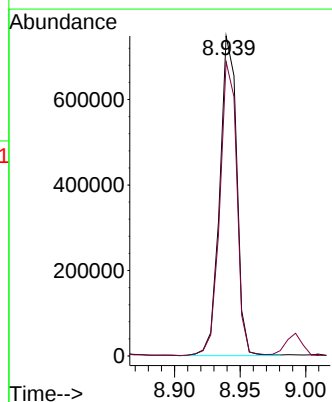
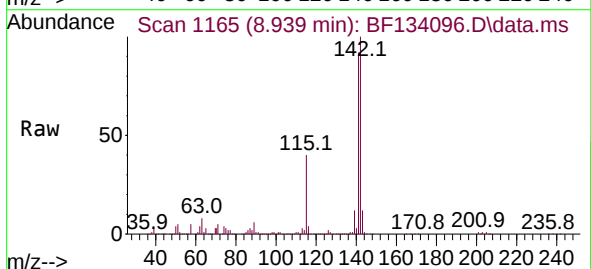
APPROVED

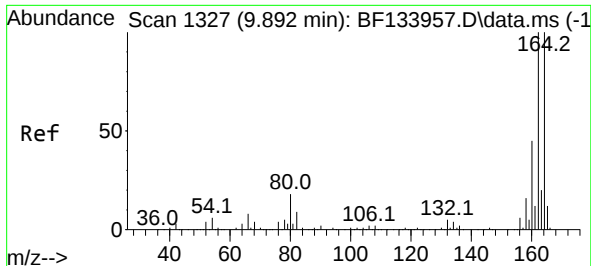
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#38
1-Methylnaphthalene
Concen: 38.438 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:142 Resp: 673391
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3





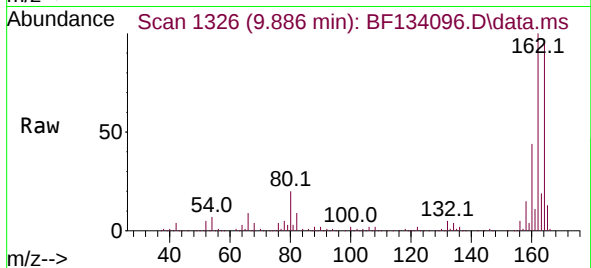
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

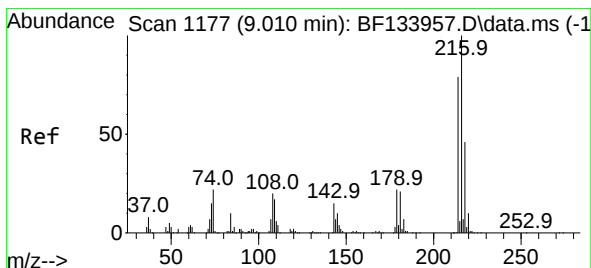
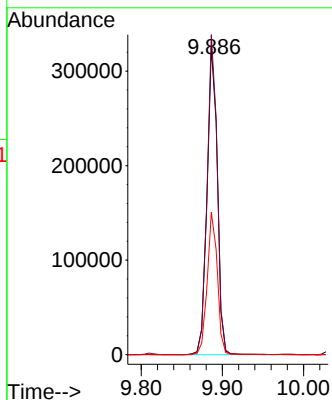
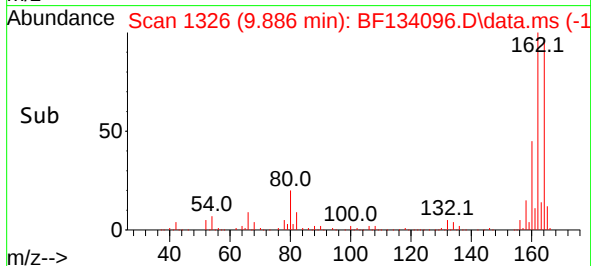
PB153188BS



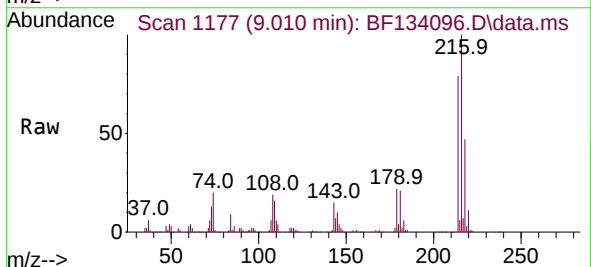
Tgt Ion:164 Resp: 284969
Ion Ratio Lower Upper
164 100
162 104.1 80.0 120.0
160 46.3 35.9 53.9

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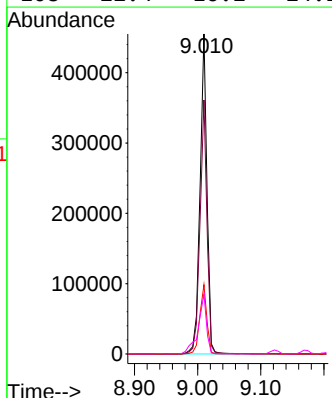
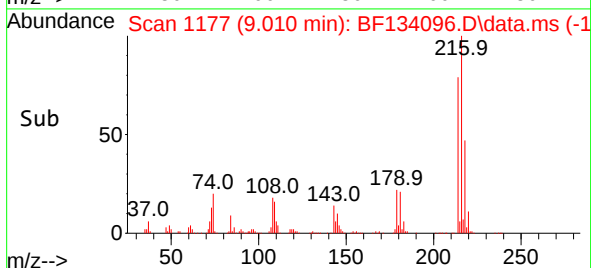
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.427 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:216 Resp: 349758
Ion Ratio Lower Upper
216 100
214 79.5 64.1 96.1
179 22.0 17.3 25.9
108 22.4 16.2 24.2





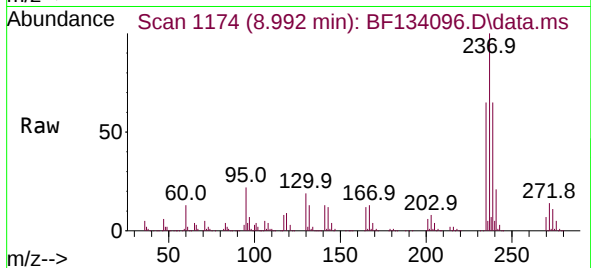
#41
Hexachlorocyclopentadiene
Concen: 89.761 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS

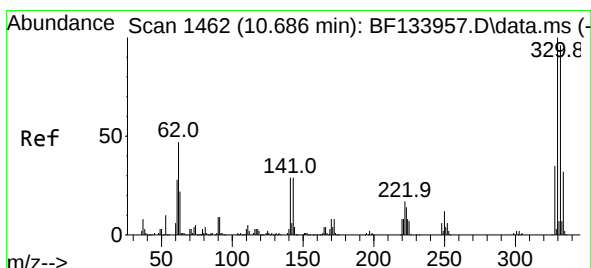
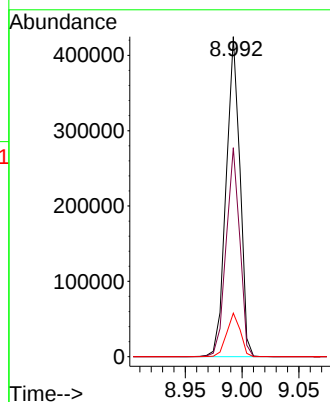
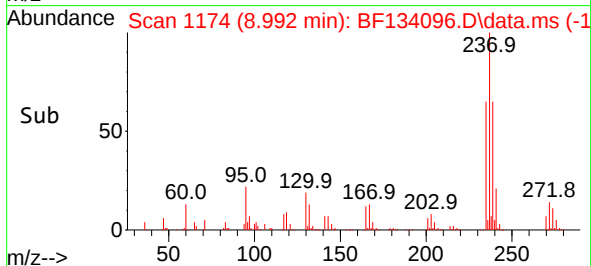


Tgt Ion:237 Resp: 359524
Ion Ratio Lower Upper
237 100
235 65.3 42.8 82.8
272 13.6 0.0 34.6

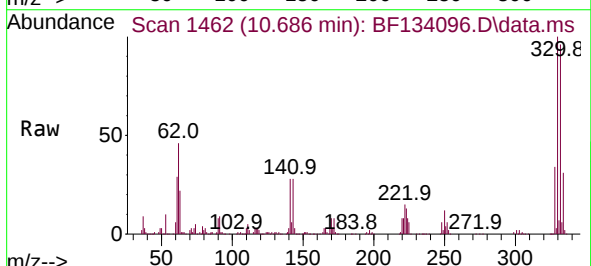
Manual Integrations

APPROVED

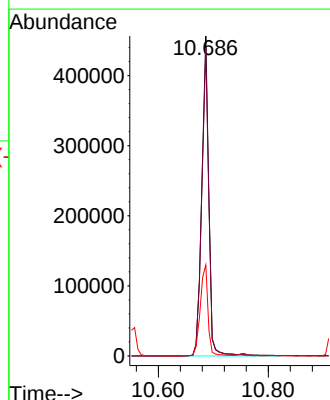
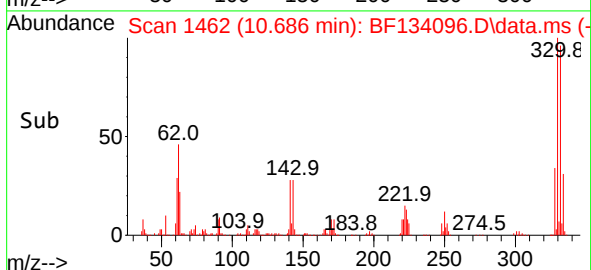
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

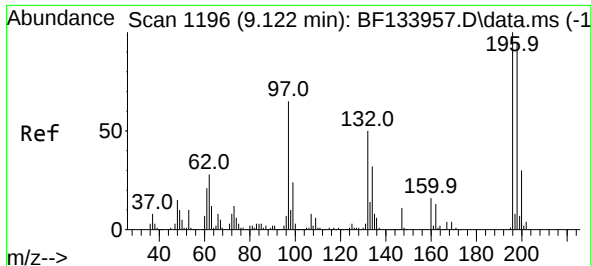


#42
2,4,6-Tribromophenol
Concen: 114.155 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:330 Resp: 407870
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.3 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.599 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS

Tgt Ion:196 Resp: 233334

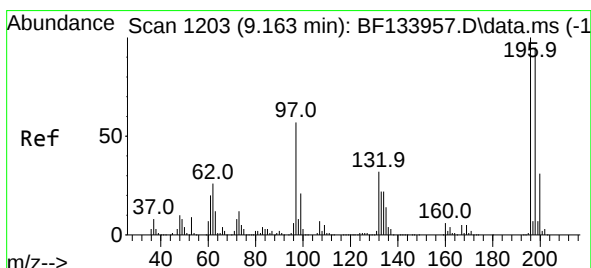
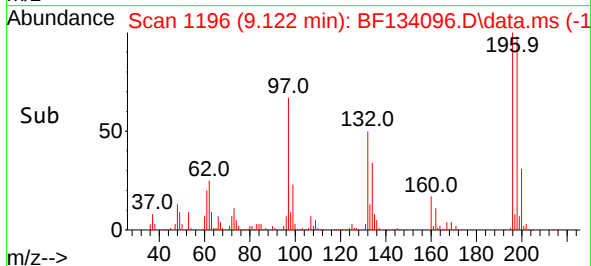
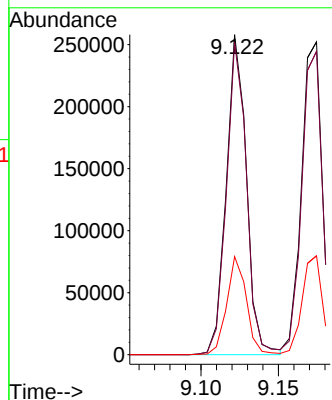
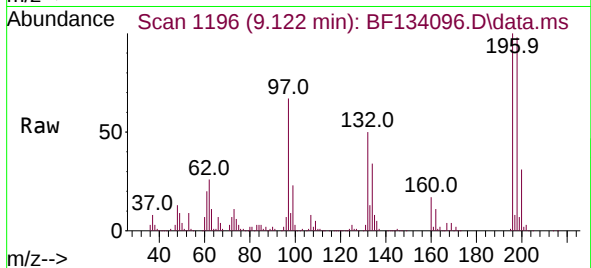
Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.6	113.4
200	30.7	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#44

2,4,5-Trichlorophenol

Concen: 36.866 ng

RT: 9.175 min Scan# 1205

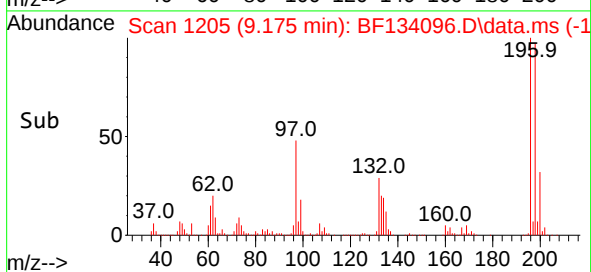
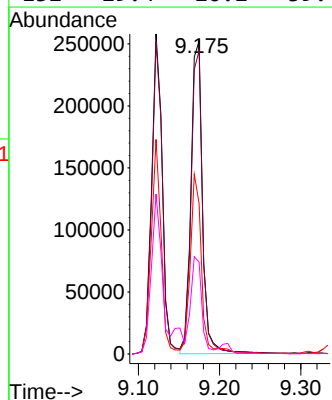
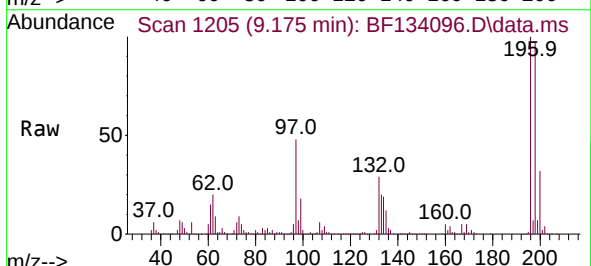
Delta R.T. 0.006 min

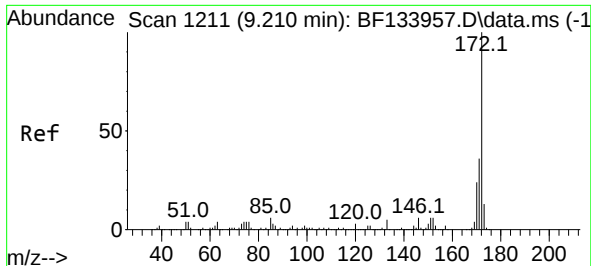
Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

Tgt Ion:196 Resp: 249226

Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
97	48.1	45.8	68.6
132	29.4	26.2	39.4





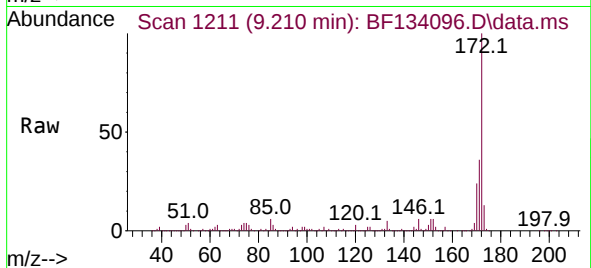
#45
2-Fluorobiphenyl
Concen: 73.628 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS



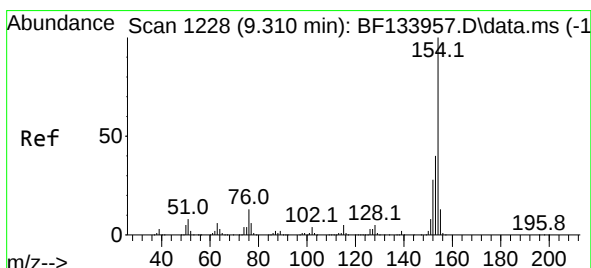
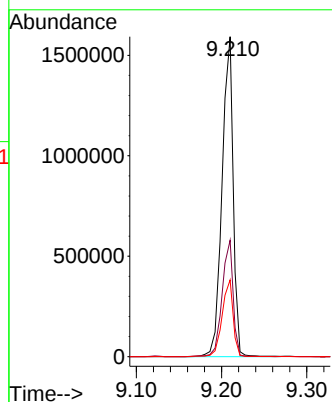
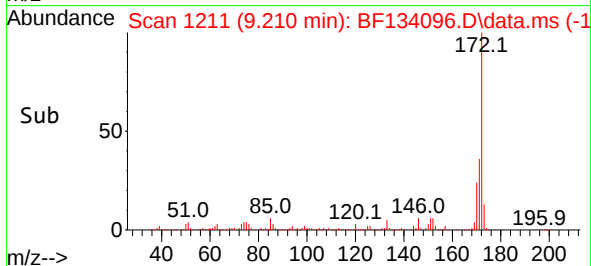
Tgt Ion:172 Resp: 1443138
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.0 19.4 29.0

Manual Integrations

APPROVED

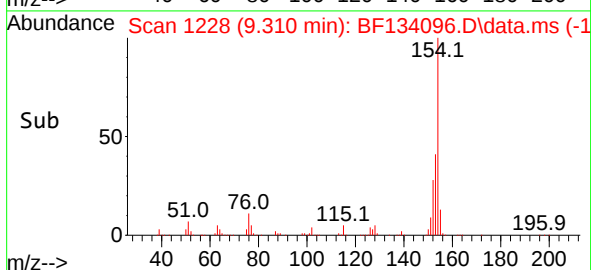
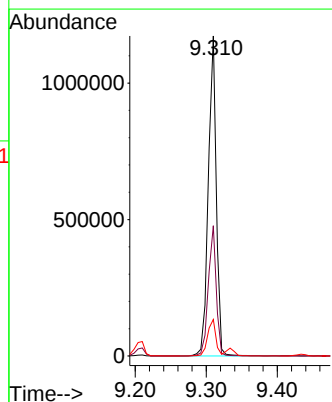
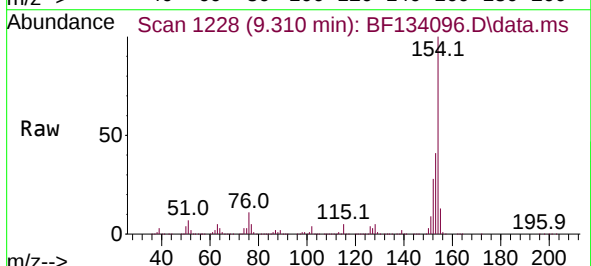
Reviewed By :Yogesh Patel 07/07/2023

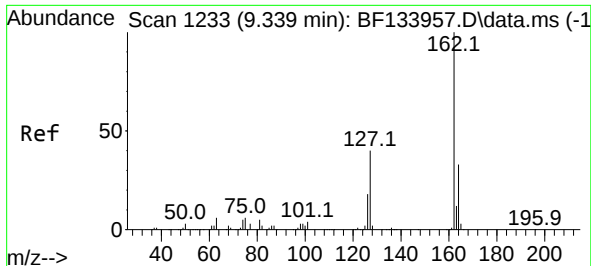
Supervised By :mohammad ahmed 07/07/2023



#46
1,1'-Biphenyl
Concen: 40.201 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:154 Resp: 918953
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 11.4 0.0 32.9





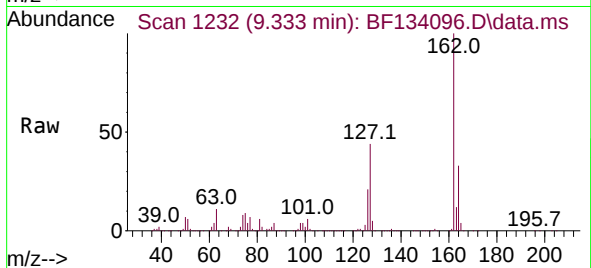
#47
2-Chloronaphthalene
Concen: 40.405 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

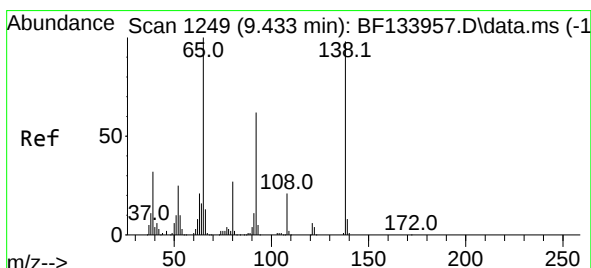
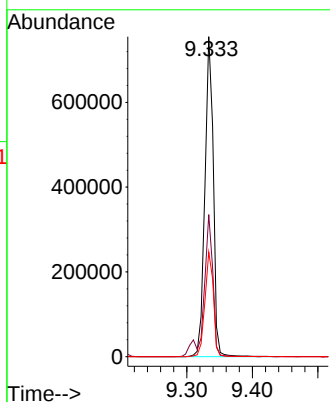
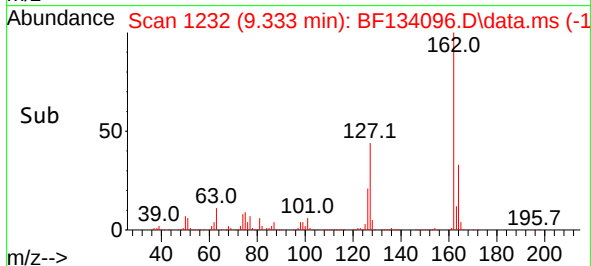
PB153188BS



Tgt Ion:162 Resp: 675778
Ion Ratio Lower Upper
162 100
127 44.4 32.9 49.3
164 32.7 26.1 39.1

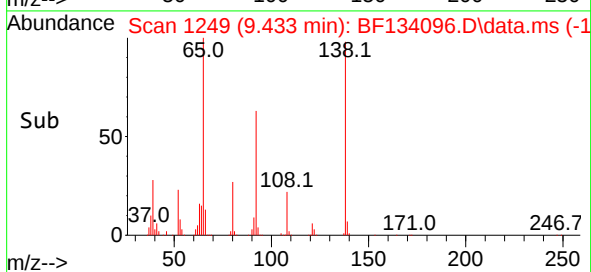
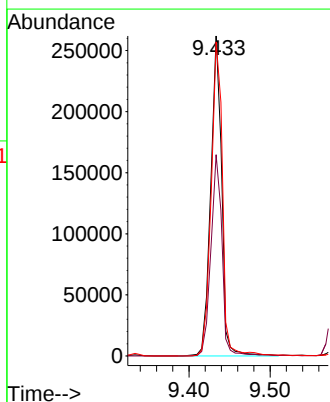
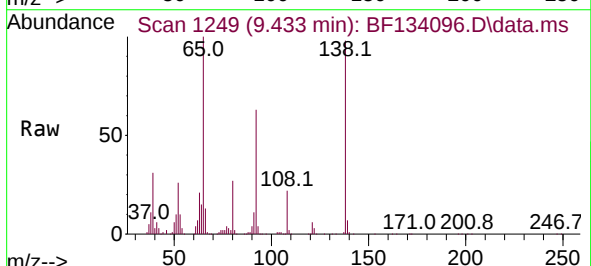
Manual Integrations
APPROVED

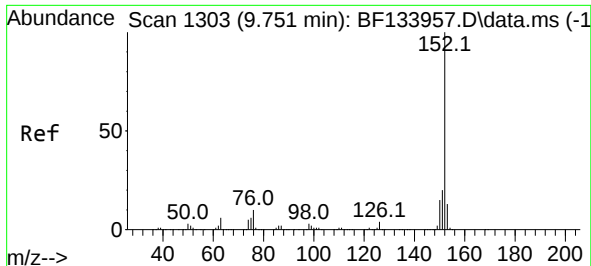
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#48
2-Nitroaniline
Concen: 39.858 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion: 65 Resp: 242956
Ion Ratio Lower Upper
65 100
92 62.9 49.5 74.3
138 98.2 78.0 117.0





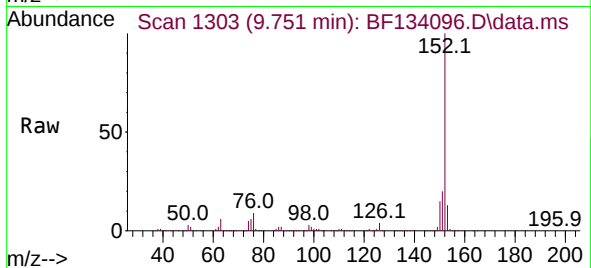
#49
Acenaphthylene
Concen: 38.908 ng
RT: 9.751 min Scan# 1111639
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS



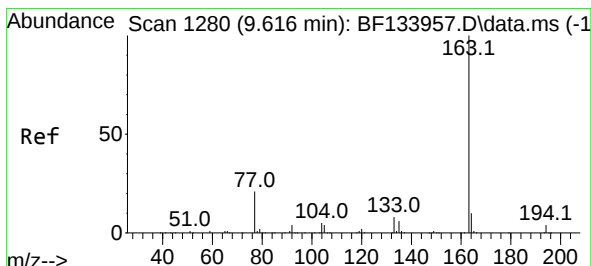
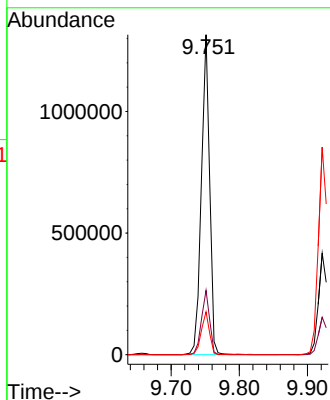
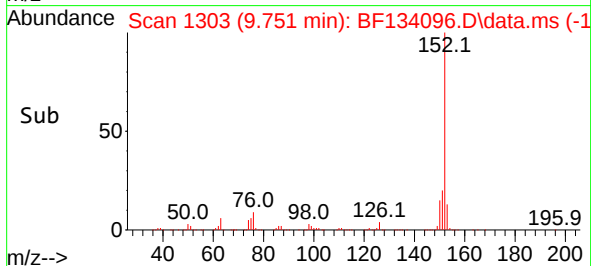
Tgt Ion:152 Resp: 1111639
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.8 16.2

Manual Integrations

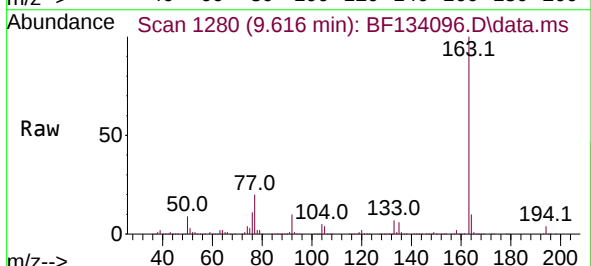
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

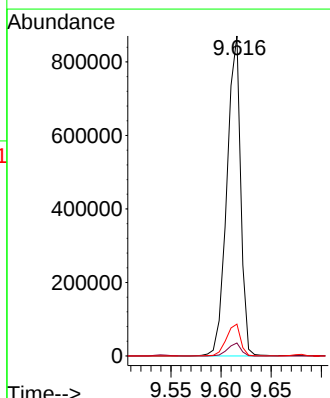
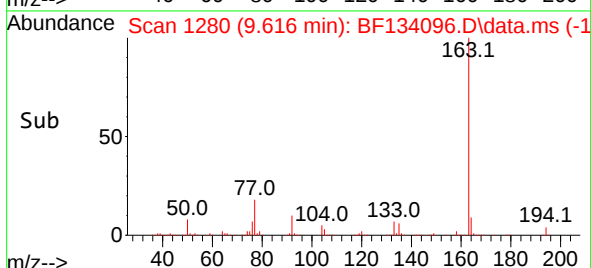
Supervised By :mohammad ahmed 07/07/2023

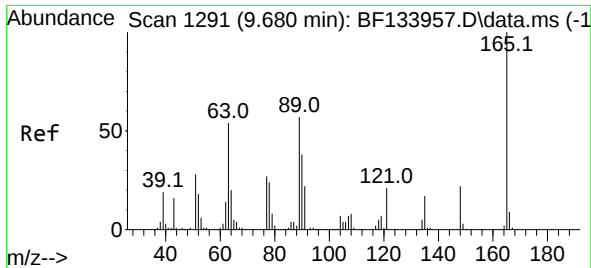


#50
Dimethylphthalate
Concen: 40.136 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:163 Resp: 830261
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.2 12.2





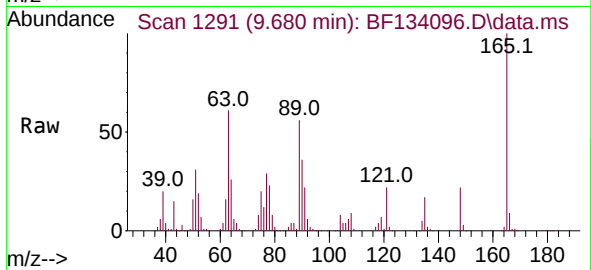
#51
2,6-Dinitrotoluene
Concen: 41.009 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS



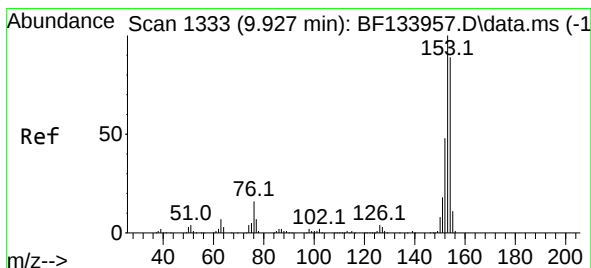
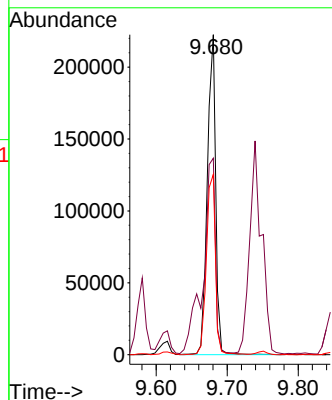
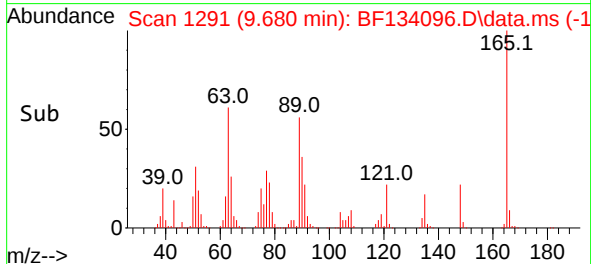
Tgt Ion:165 Resp: 182710
Ion Ratio Lower Upper
165 100
63 61.4 48.5 72.7
89 56.3 45.5 68.3

Manual Integrations

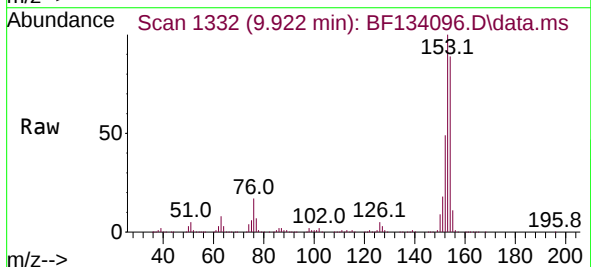
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

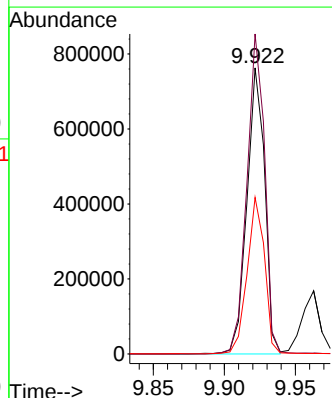
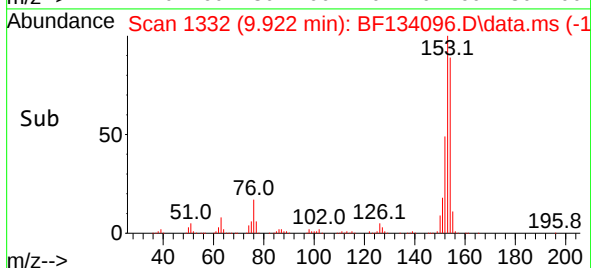
Supervised By :mohammad ahmed 07/07/2023

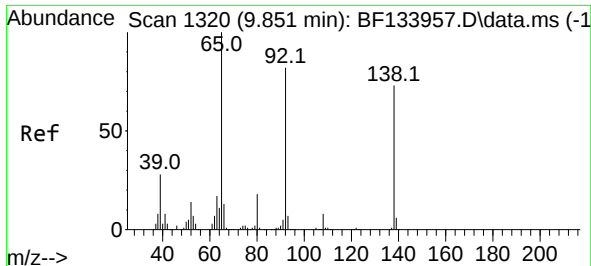


#52
Acenaphthene
Concen: 40.096 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:154 Resp: 664725
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.2
152 54.7 42.8 64.2





#53
3-Nitroaniline
Concen: 21.697 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

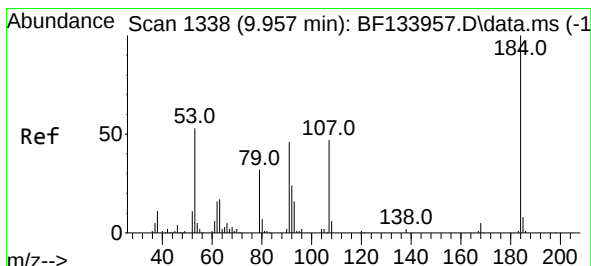
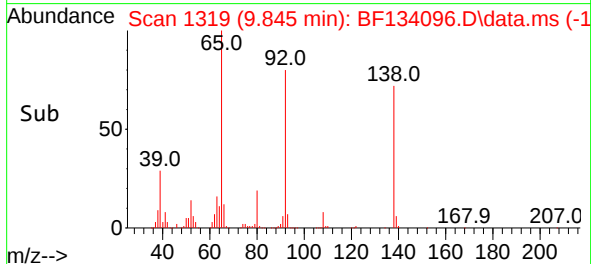
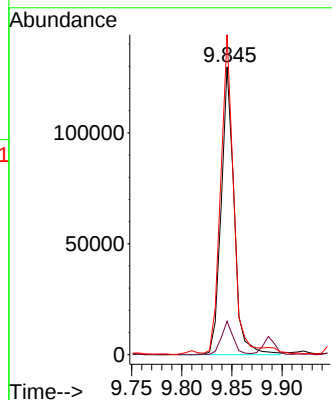
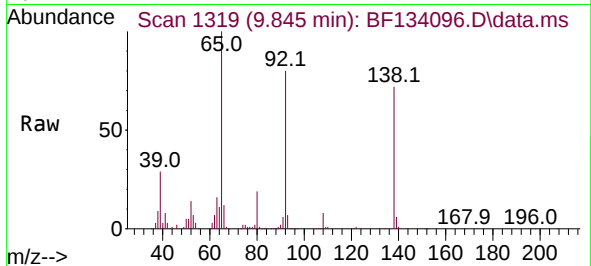
PB153188BS

Tgt Ion:138 Resp: 11596
Ion Ratio Lower Upper
138 100
108 11.6 8.4 12.6
92 111.2 90.1 135.1

Manual Integrations

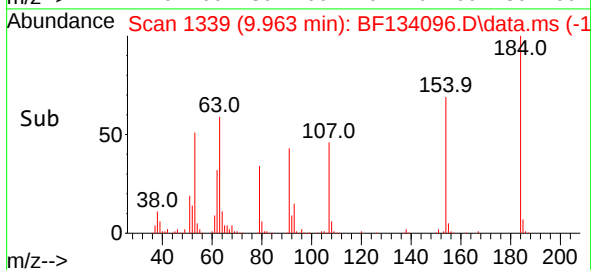
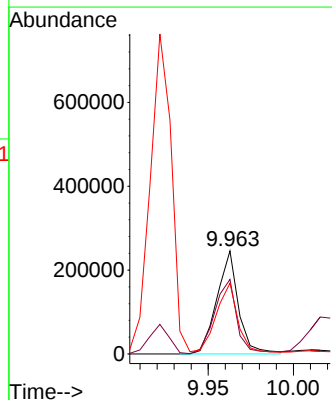
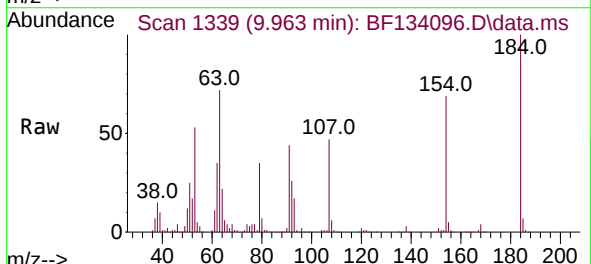
APPROVED

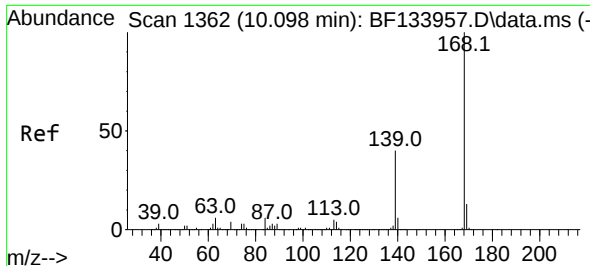
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#54
2,4-Dinitrophenol
Concen: 84.056 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:184 Resp: 216810
Ion Ratio Lower Upper
184 100
63 72.3 56.9 85.3
154 68.6 55.4 83.0





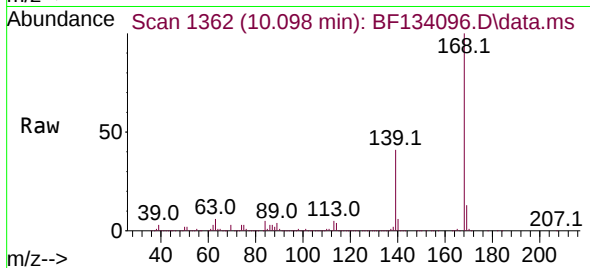
#55
Dibenzenofuran
Concen: 38.766 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS



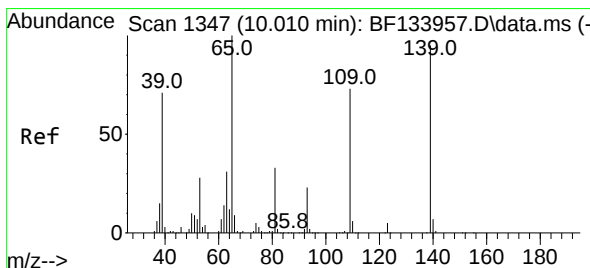
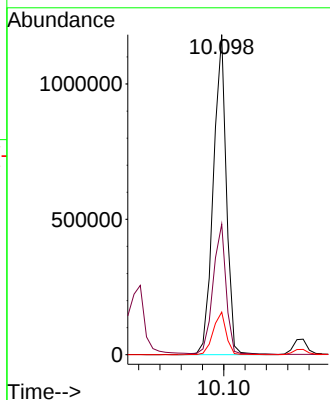
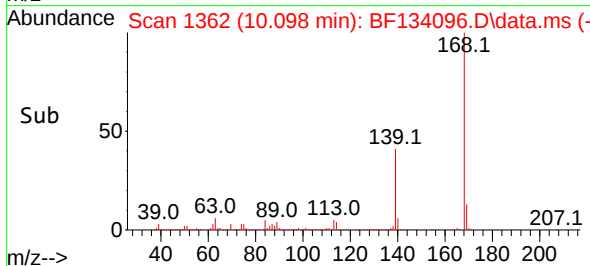
Tgt Ion:168 Resp: 100440
Ion Ratio Lower Upper
168 100
139 40.8 32.0 48.0
169 13.3 10.6 16.0

Manual Integrations

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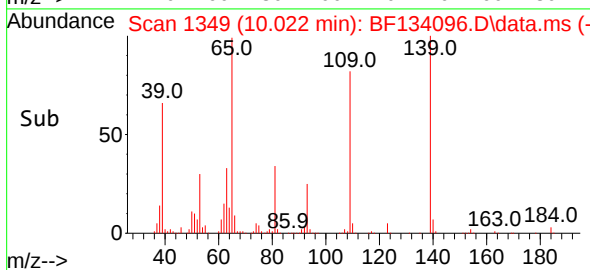
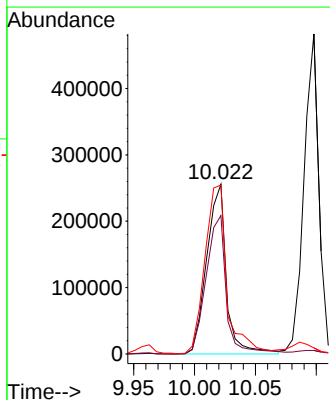
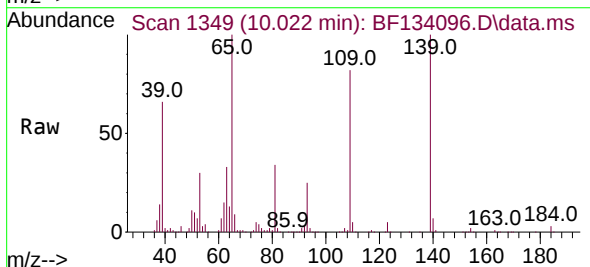
Reviewed By :Yogesh Patel 07/07/2023

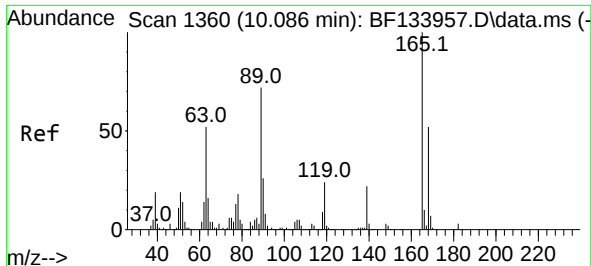
Supervised By :mohammad ahmed 07/07/2023



#56
4-Nitrophenol
Concen: 77.222 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:139 Resp: 288717
Ion Ratio Lower Upper
139 100
109 81.6 56.8 96.8
65 99.5 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 40.616 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

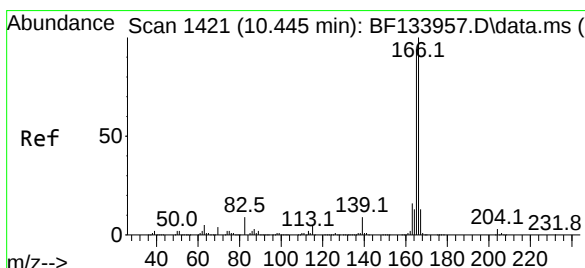
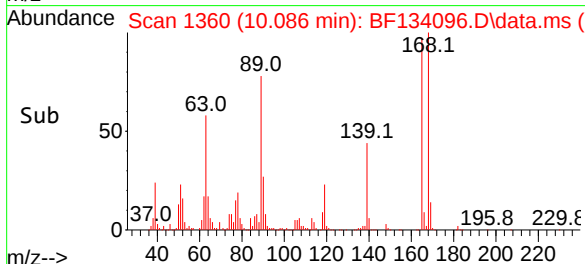
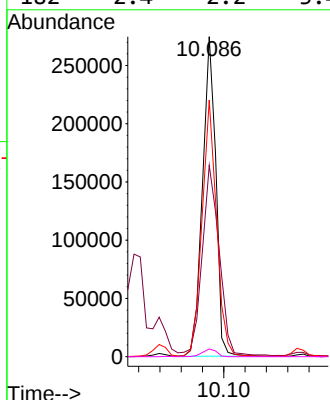
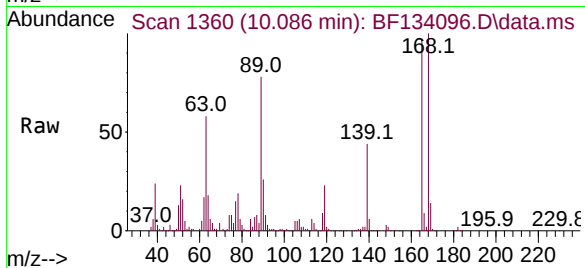
ClientSampleId :

PB153188BS

Tgt Ion:165 Resp: 23898
Ion Ratio Lower Upper
165 100
63 59.8 42.2 63.2
89 80.2 57.4 86.2
182 2.4 2.2 3.4

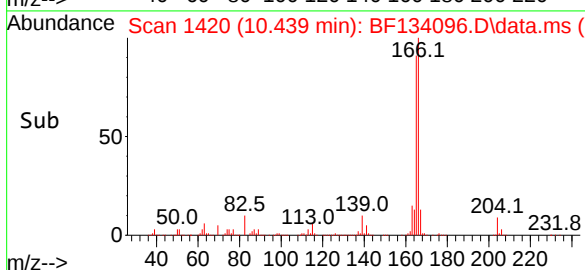
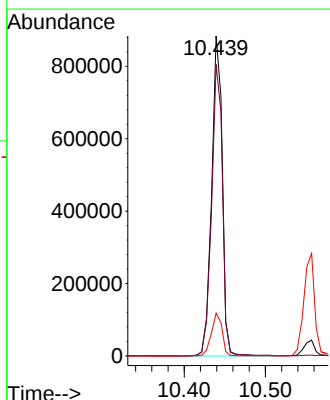
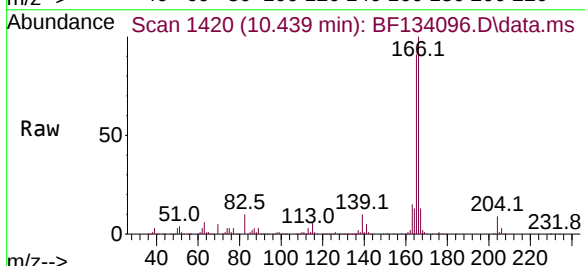
Manual Integrations
APPROVED

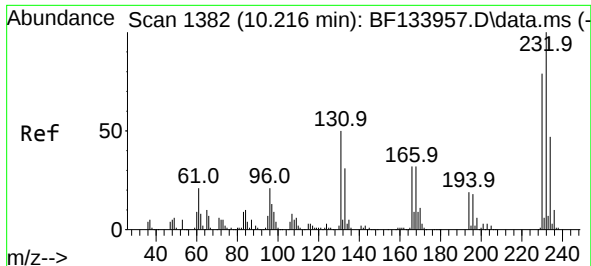
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#58
Fluorene
Concen: 39.715 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

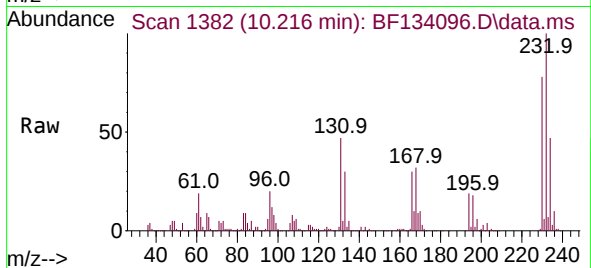
Tgt Ion:166 Resp: 800537
Ion Ratio Lower Upper
166 100
165 91.1 75.0 112.4
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.662 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

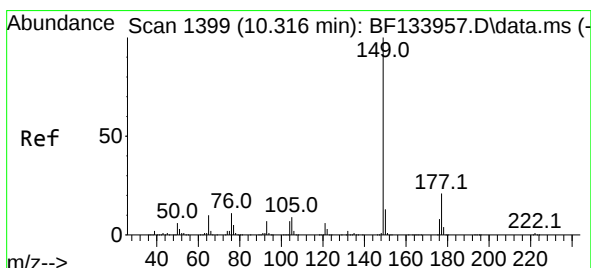
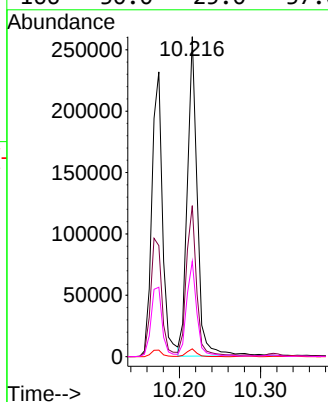
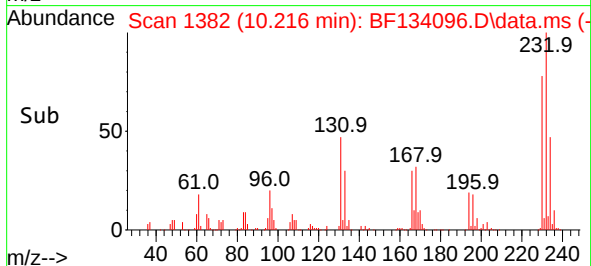
Instrument :
BNA_F
ClientSampleId :
PB153188BS



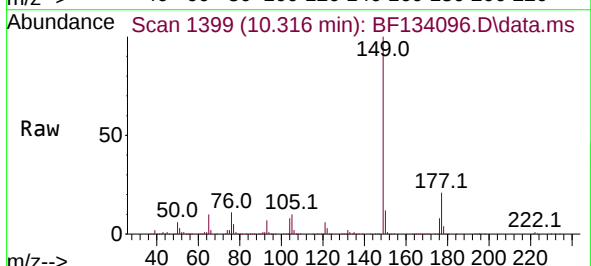
Tgt Ion:232 Resp: 222160
Ion Ratio Lower Upper
232 100
131 49.2 39.3 58.9
130 2.5 1.8 2.6
166 30.0 25.0 37.6

Manual Integrations
APPROVED

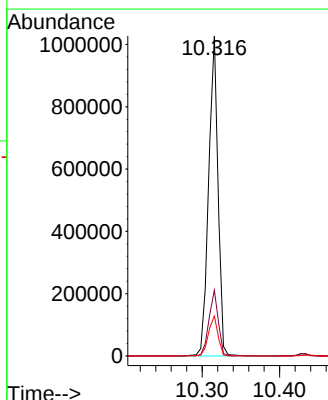
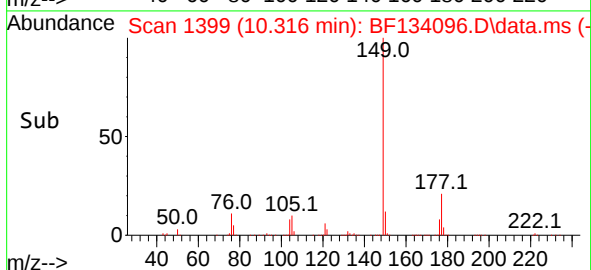
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

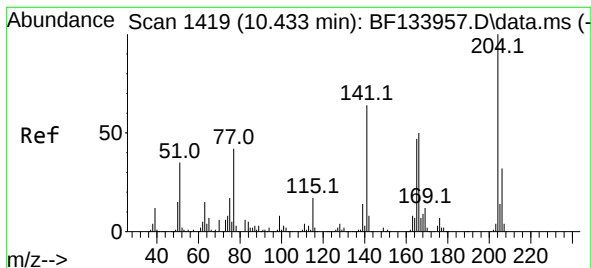


#60
Diethylphthalate
Concen: 39.983 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



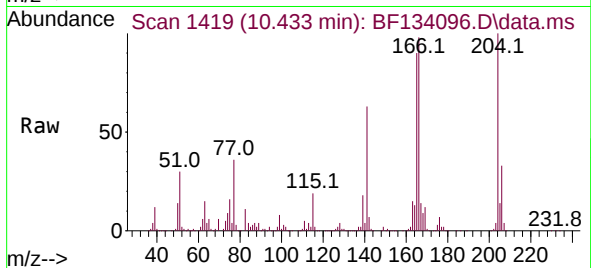
Tgt Ion:149 Resp: 861697
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.890 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

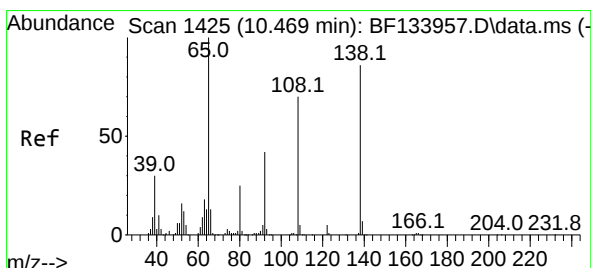
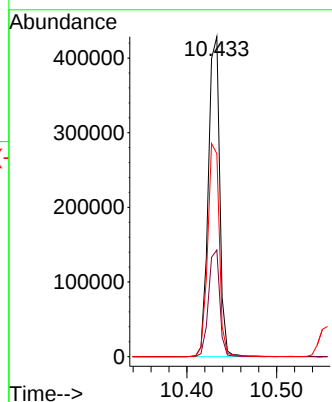
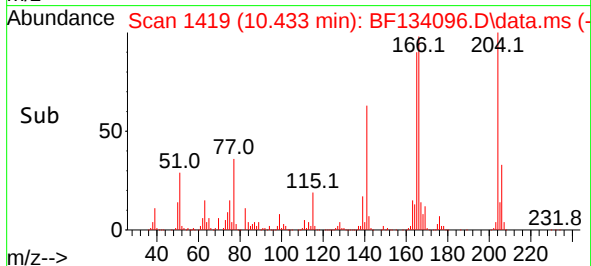
Instrument :
BNA_F
ClientSampleId :
PB153188BS



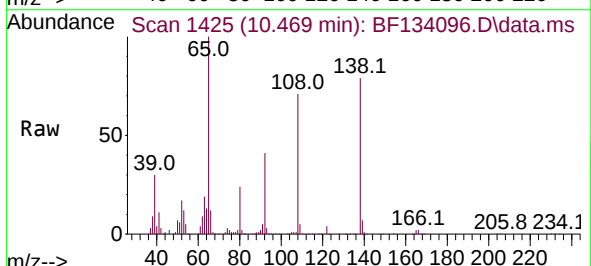
Tgt Ion:204 Resp: 377777
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 63.5 51.5 77.3

Manual Integrations
APPROVED

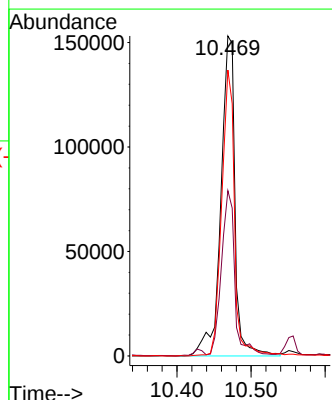
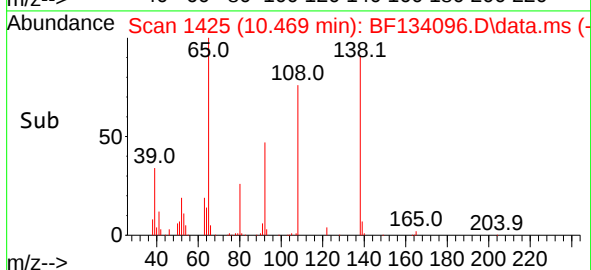
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

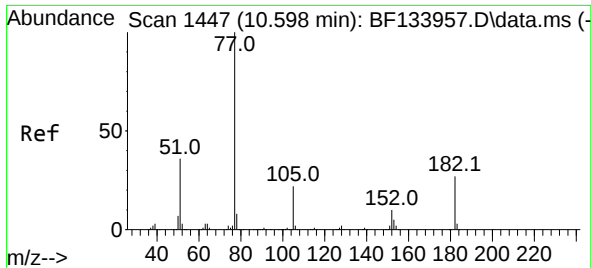


#62
4-Nitroaniline
Concen: 37.849 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



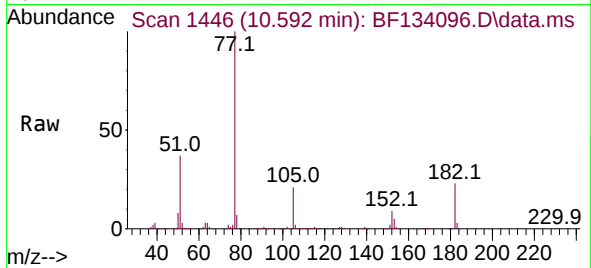
Tgt Ion:138 Resp: 203882
Ion Ratio Lower Upper
138 100
92 51.7 29.7 69.7
108 89.3 62.1 102.1





#63
Azobenzene
Concen: 39.739 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

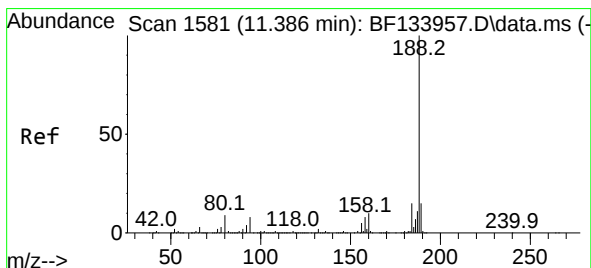
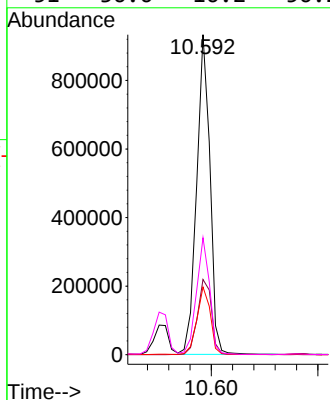
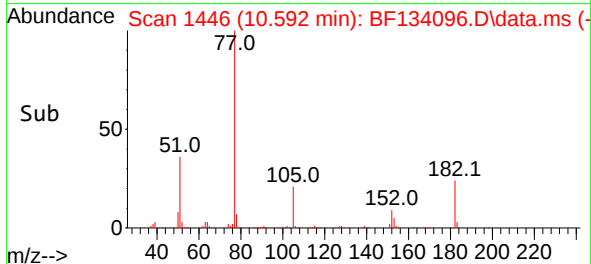
Instrument :
BNA_F
ClientSampleId :
PB153188BS



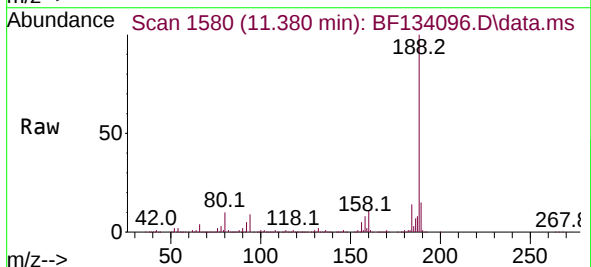
Tgt Ion: 77 Resp: 81011
Ion Ratio Lower Upper
77 100
182 23.5 6.8 46.8
105 21.1 2.3 42.3
51 36.6 16.2 56.2

Manual Integrations
APPROVED

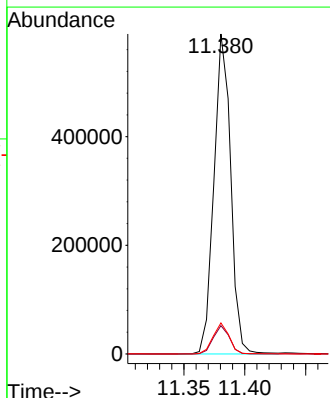
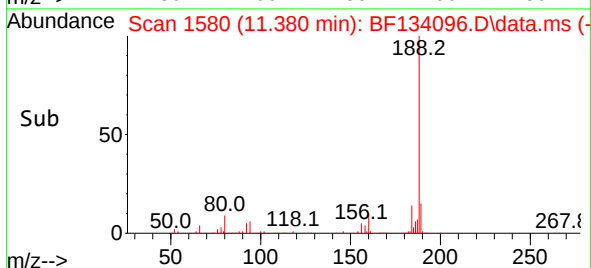
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

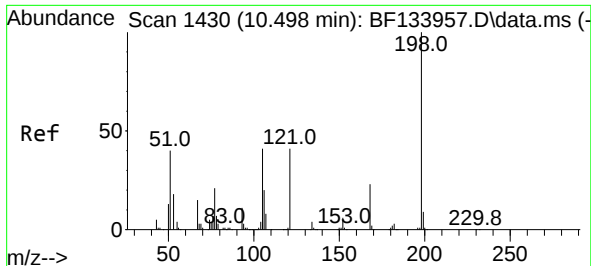


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:188 Resp: 563004
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.7 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 47.663 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

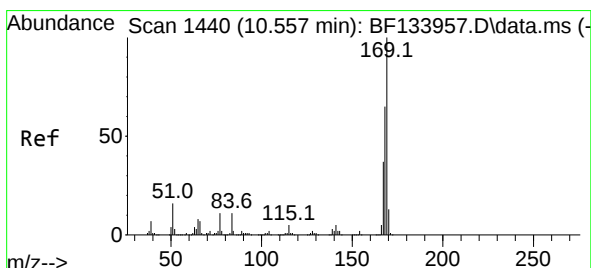
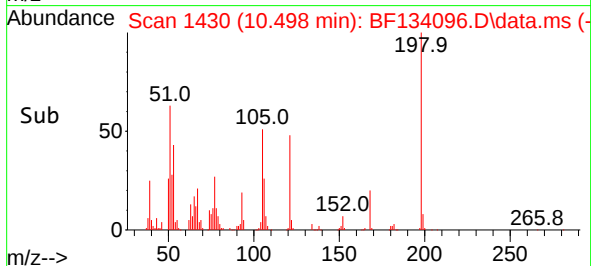
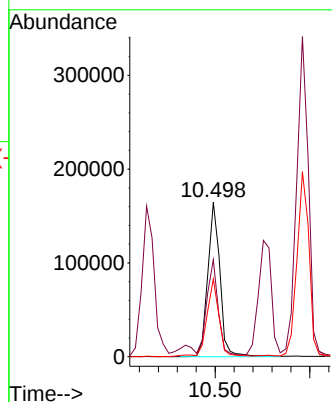
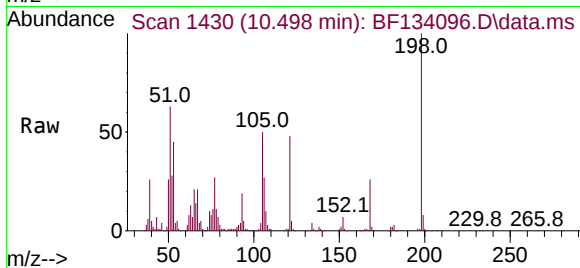
PB153188BS

Tgt Ion:198 Resp: 146295
Ion Ratio Lower Upper
198 100
51 62.7 29.3 69.3
105 50.2 22.4 62.4

Manual Integrations

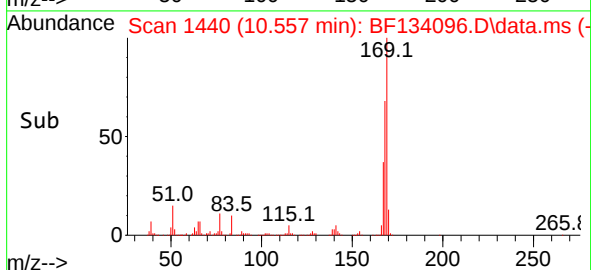
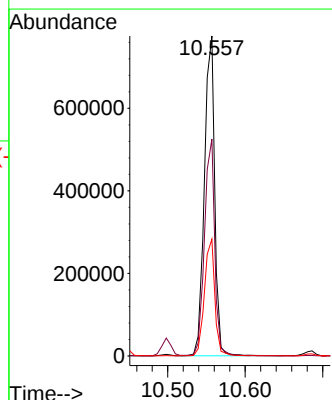
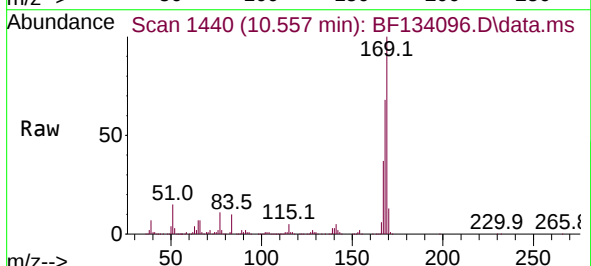
APPROVED

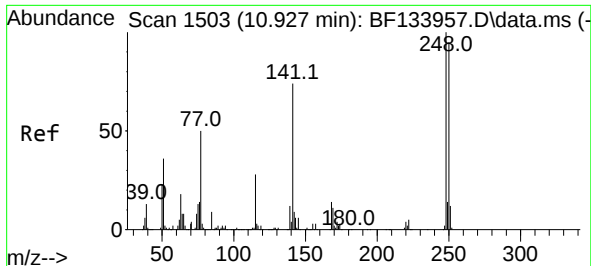
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#66
n-Nitrosodiphenylamine
Concen: 39.806 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:169 Resp: 716029
Ion Ratio Lower Upper
169 100
168 67.8 52.3 78.5
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 40.664 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

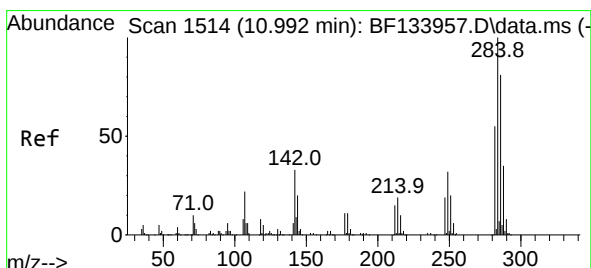
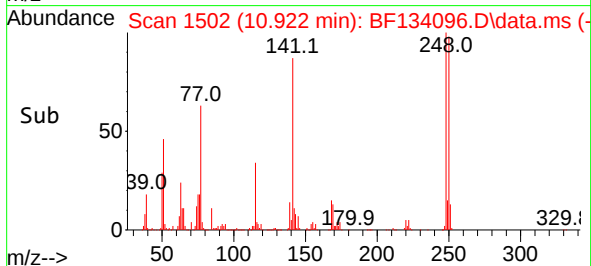
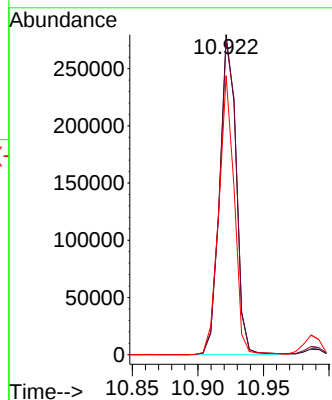
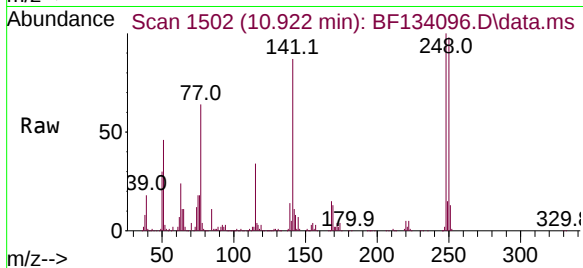
ClientSampleId :

PB153188BS

Tgt Ion:248 Resp: 243330
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.4
141 87.2 59.0 88.4

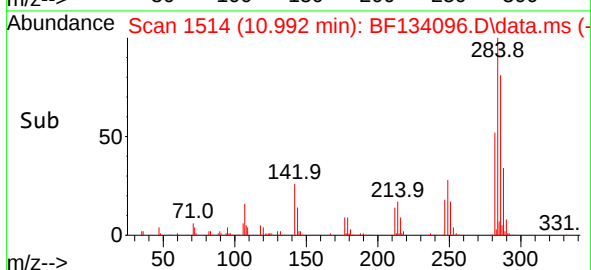
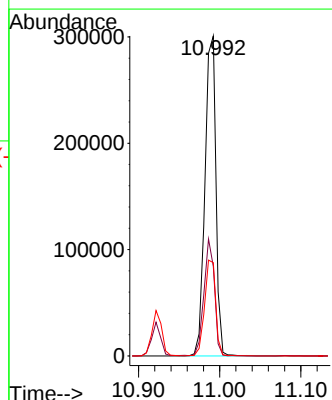
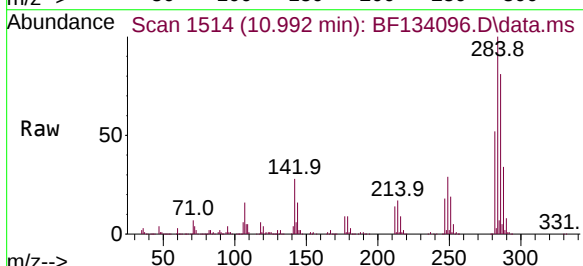
Manual Integrations
APPROVED

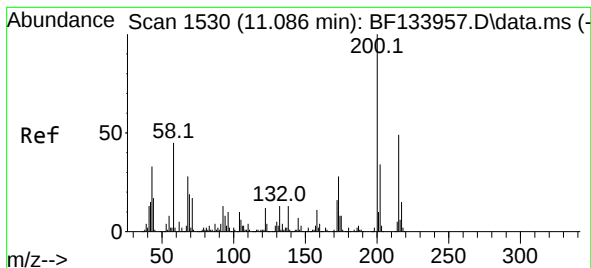
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#68
Hexachlorobenzene
Concen: 44.344 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:284 Resp: 281748
Ion Ratio Lower Upper
284 100
142 28.0 26.6 40.0
249 29.1 25.5 38.3





#69

Atrazine

Concen: 40.973 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF134096.D

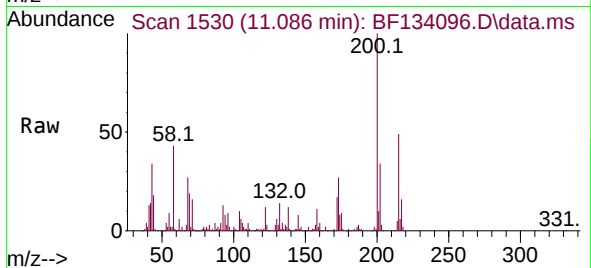
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS



Tgt Ion:200 Resp: 203869

Ion Ratio Lower Upper

200 100

173 26.9 8.0 48.0

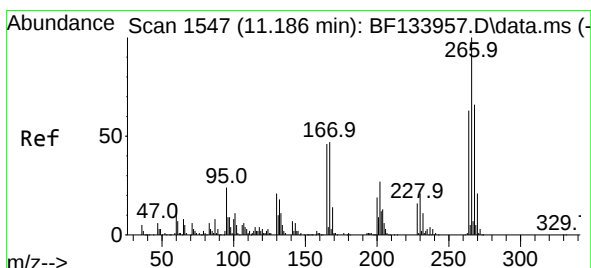
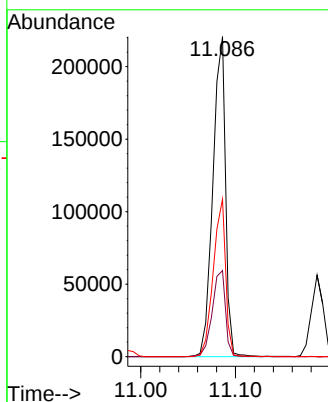
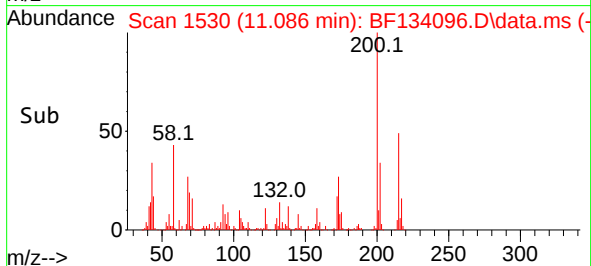
215 49.2 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#70

Pentachlorophenol

Concen: 75.731 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

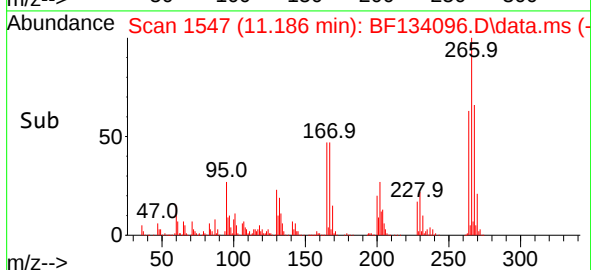
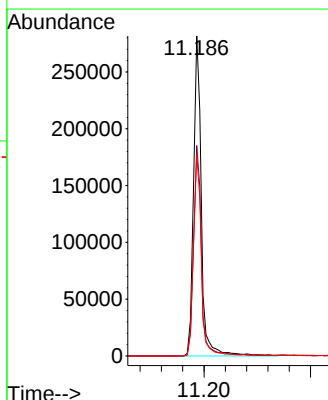
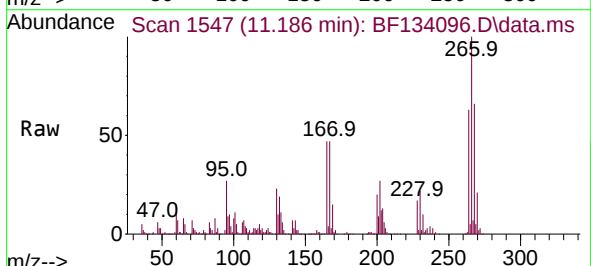
Tgt Ion:266 Resp: 287699

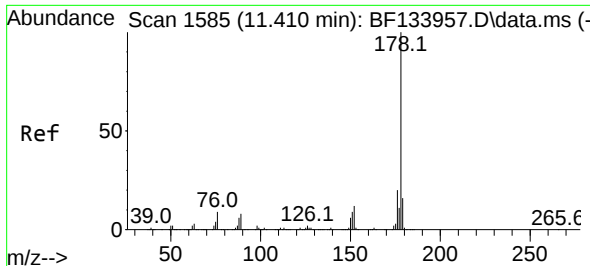
Ion Ratio Lower Upper

266 100

268 65.7 52.6 79.0

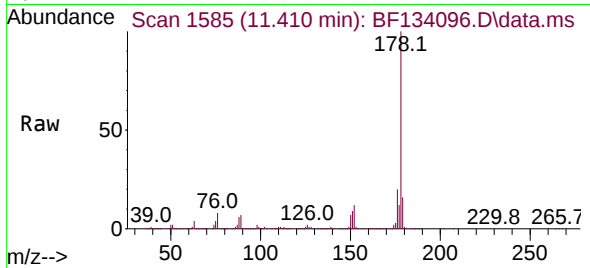
264 63.0 50.6 76.0





#71
Phenanthrene
Concen: 40.308 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

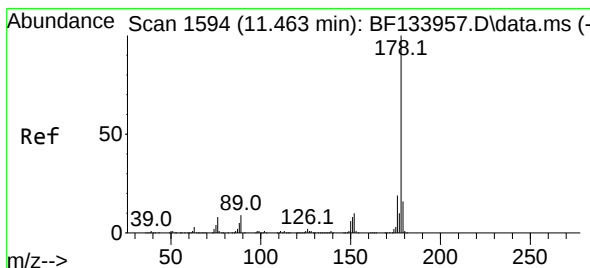
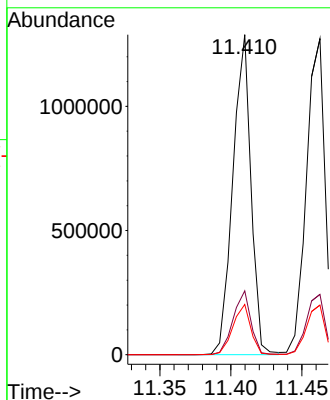
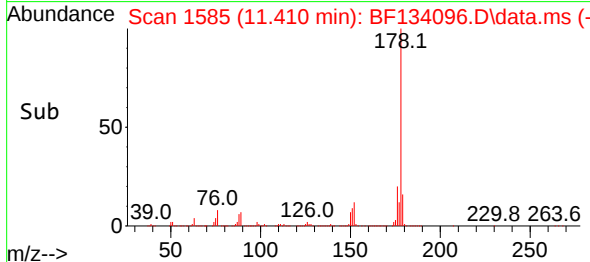
Instrument :
BNA_F
ClientSampleId :
PB153188BS



Tgt Ion:178 Resp: 1142428
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.7 12.4 18.6

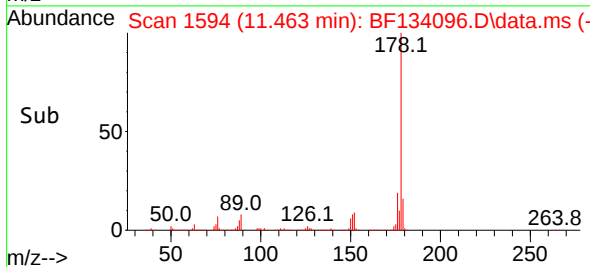
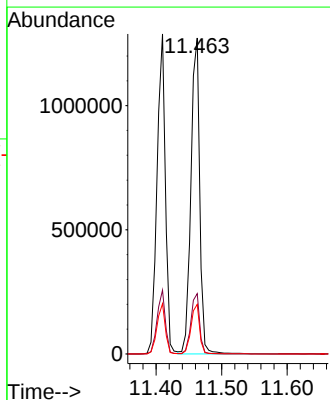
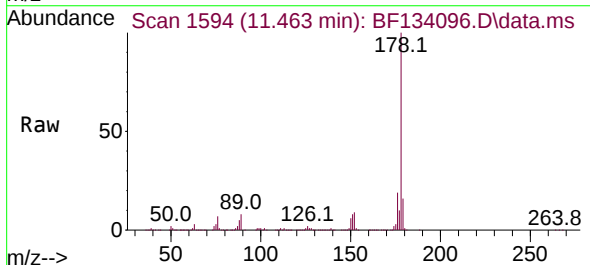
Manual Integrations
APPROVED

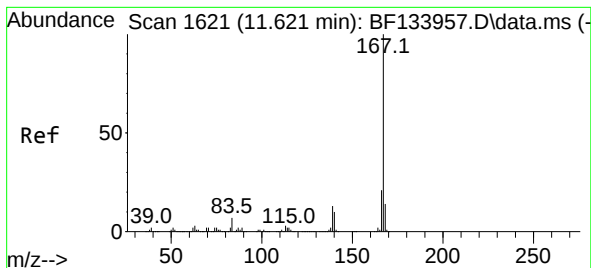
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#72
Anthracene
Concen: 40.255 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:178 Resp: 1186712
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.4 18.6





#73

Carbazole

Concen: 42.102 ng

RT: 11.616 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS

Tgt Ion:167 Resp: 113602

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

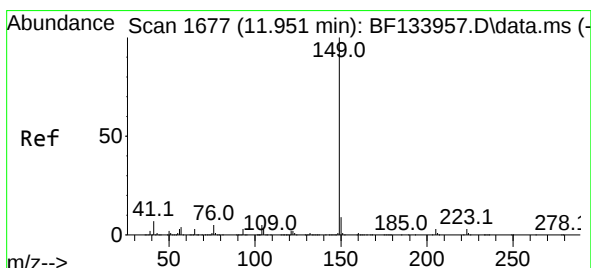
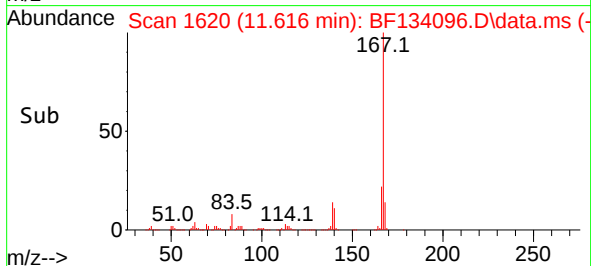
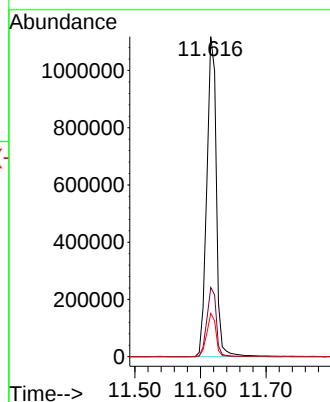
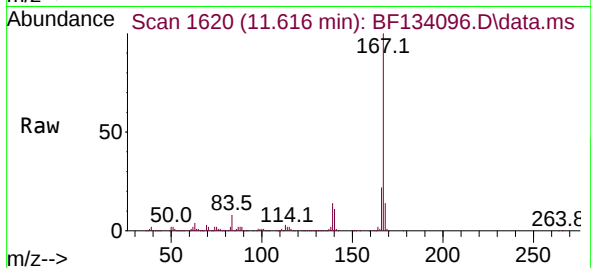
139 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#74

Di-n-butylphthalate

Concen: 43.311 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

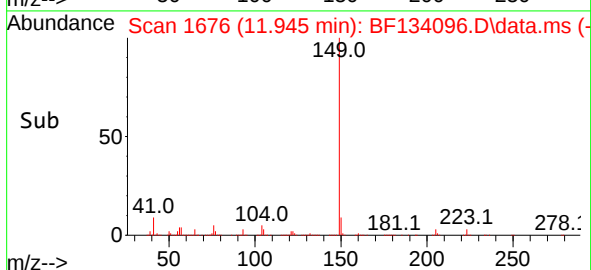
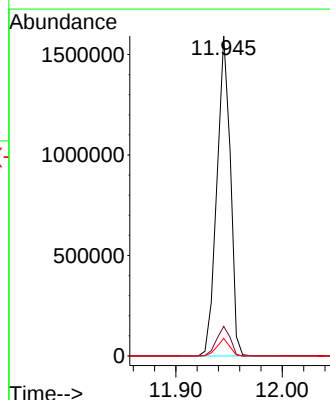
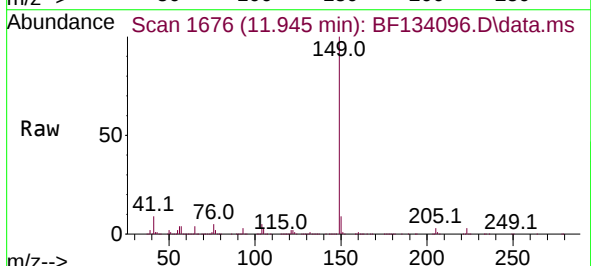
Tgt Ion:149 Resp: 1389739

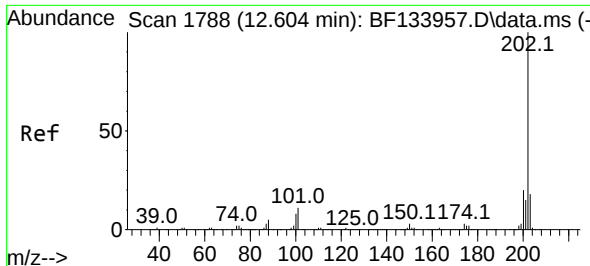
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

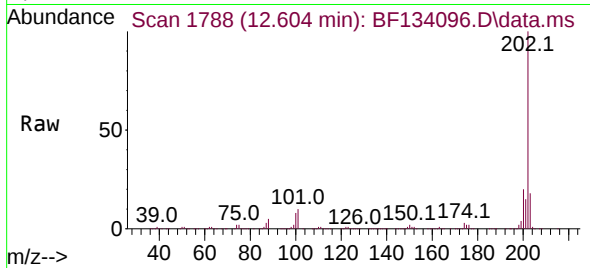
104 5.5 4.0 6.0





#75
Fluoranthene
Concen: 42.194 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

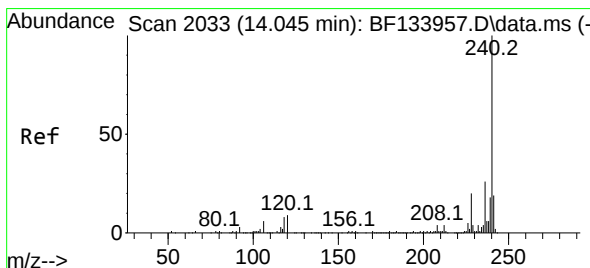
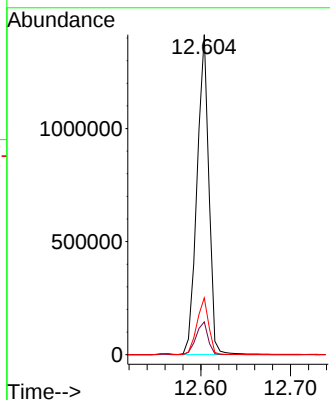
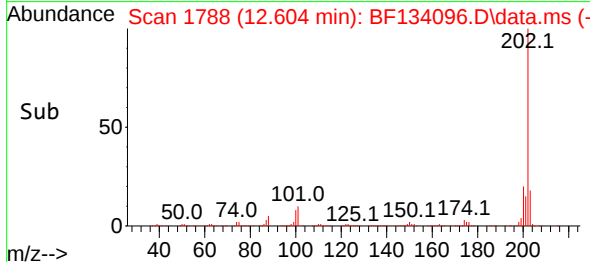
Instrument :
BNA_F
ClientSampleId :
PB153188BS



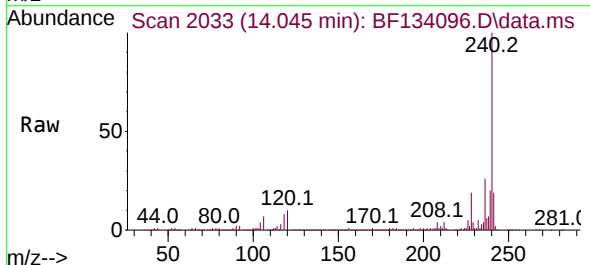
Tgt Ion:202 Resp: 1292870
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.0
203 17.8 0.0 37.6

Manual Integrations
APPROVED

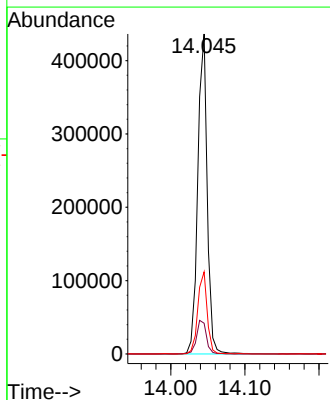
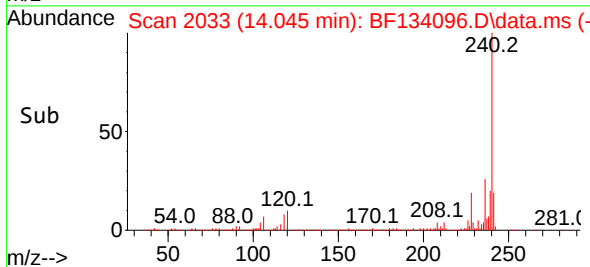
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

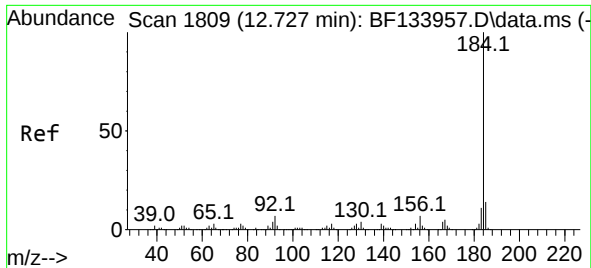


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



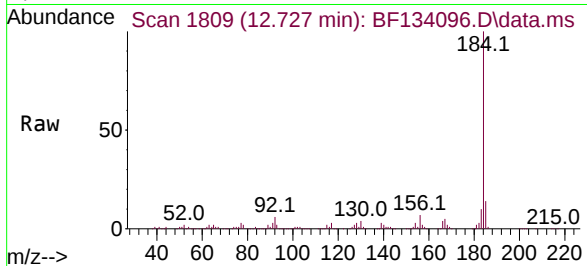
Tgt Ion:240 Resp: 383307
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 25.6 21.0 31.6





#77
Benzidine
Concen: 19.670 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

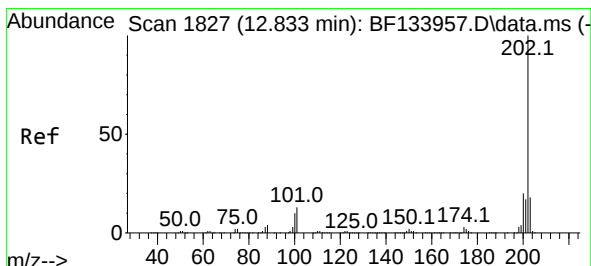
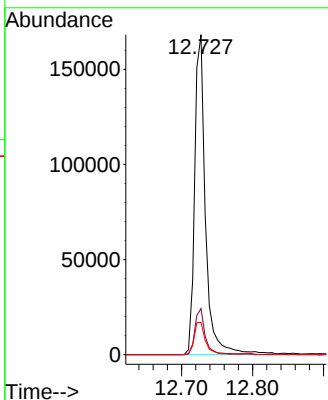
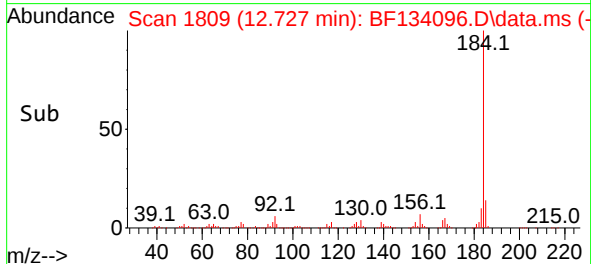
Instrument :
BNA_F
ClientSampleId :
PB153188BS



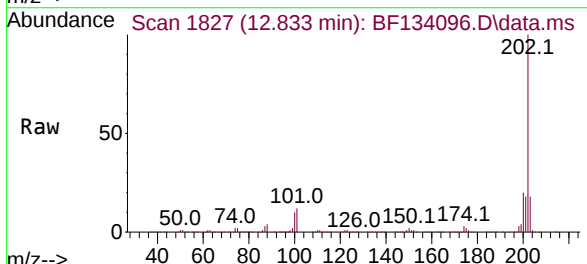
Tgt Ion:184 Resp: 17940
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.1 8.8 13.2

Manual Integrations
APPROVED

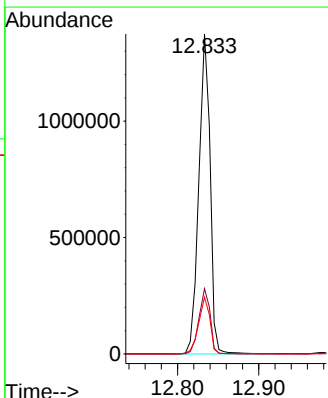
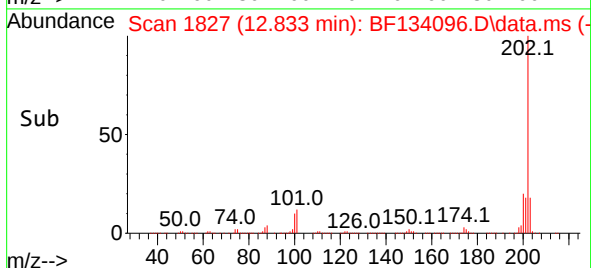
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

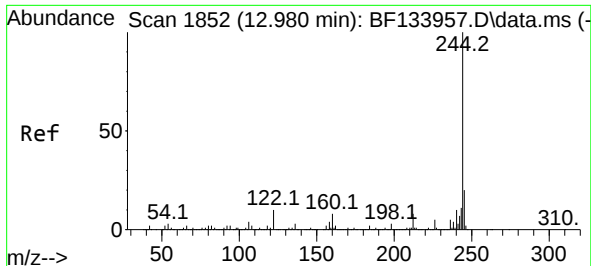


#78
Pyrene
Concen: 37.179 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:202 Resp: 1326231
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.8 14.3 21.5





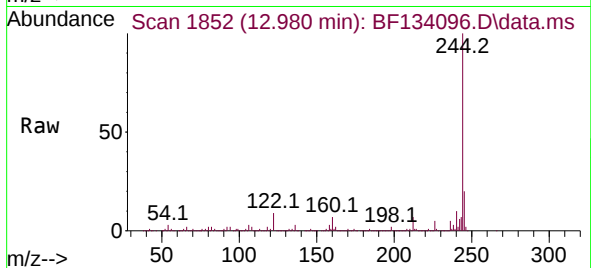
#79
 Terphenyl-d14
 Concen: 76.346 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134096.D
 Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS



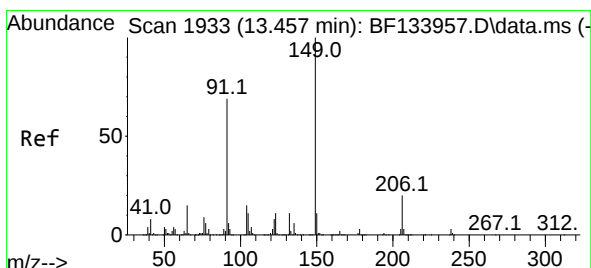
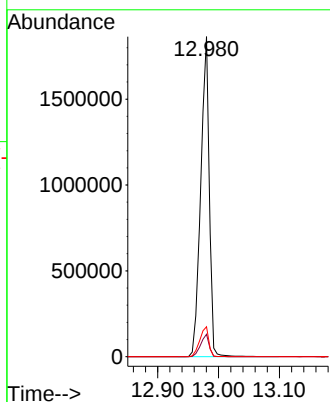
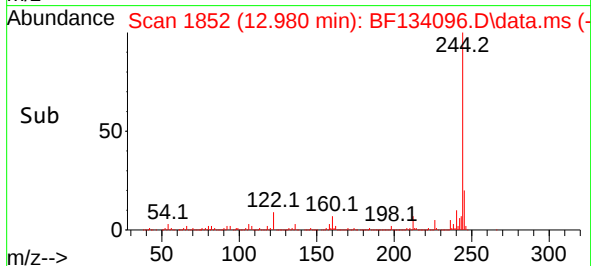
Tgt Ion:244 Resp: 181830
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.3 8.3 12.5

Manual Integrations

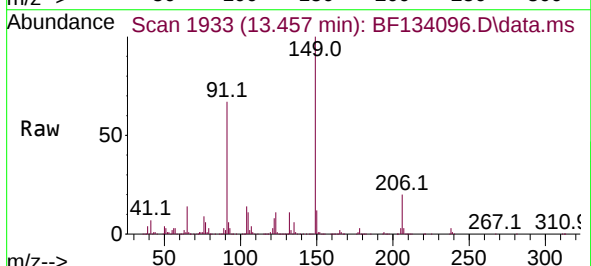
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

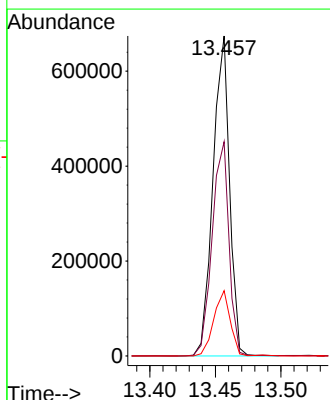
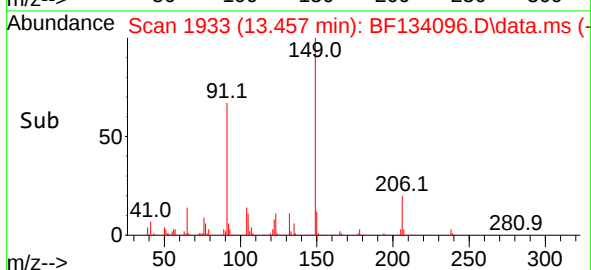
Supervised By :mohammad ahmed 07/07/2023

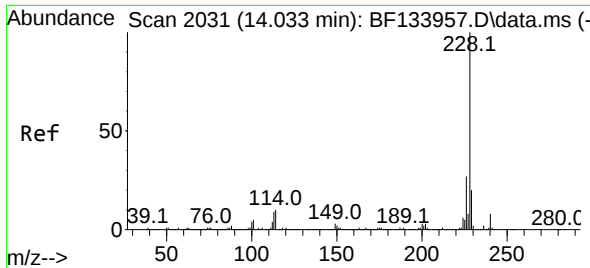


#80
 Butylbenzylphthalate
 Concen: 44.291 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF134096.D
 Acq: 06 Jul 2023 12:50



Tgt Ion:149 Resp: 592555
 Ion Ratio Lower Upper
 149 100
 91 67.0 55.1 82.7
 206 20.4 15.7 23.5





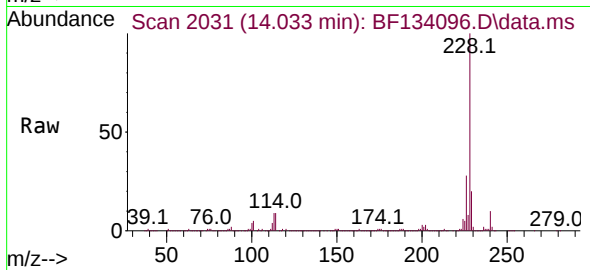
#81
Benzo(a)anthracene
Concen: 41.448 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS



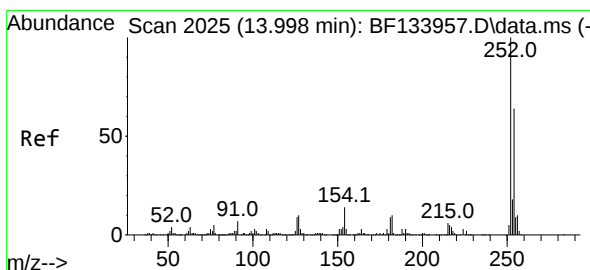
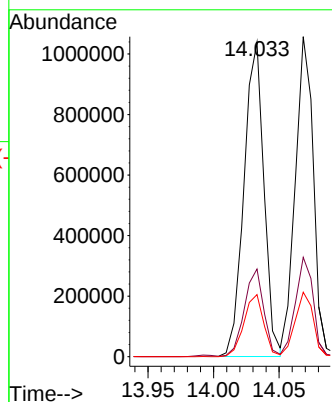
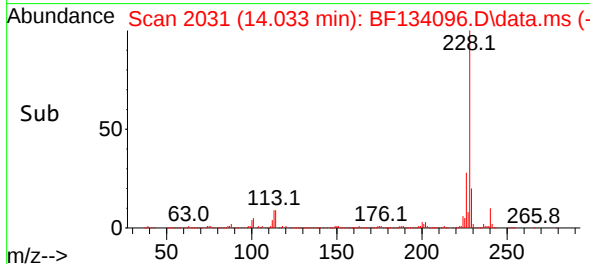
Tgt Ion:228 Resp: 1101815
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 19.8 16.3 24.5

Manual Integrations

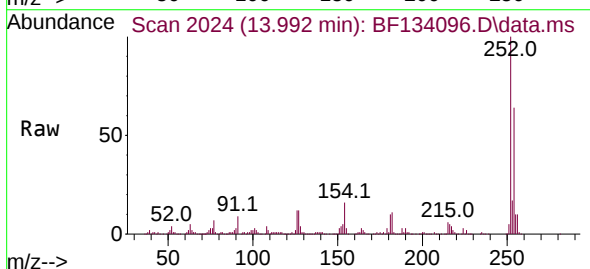
APPROVED

Reviewed By :Yogesh Patel 07/07/2023

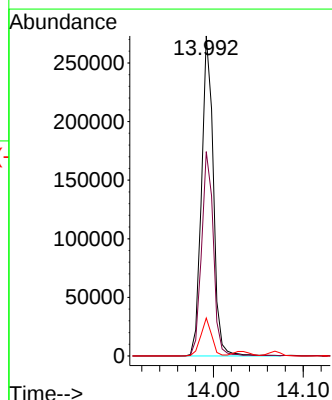
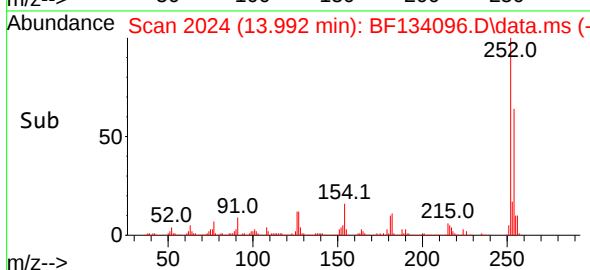
Supervised By :mohammad ahmed 07/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 29.600 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:252 Resp: 249290
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 11.8 7.4 11.2#





#83

Chrysene

Concen: 39.766 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS

Tgt Ion:228 Resp: 102386

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

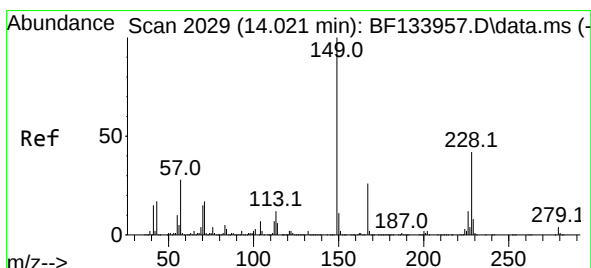
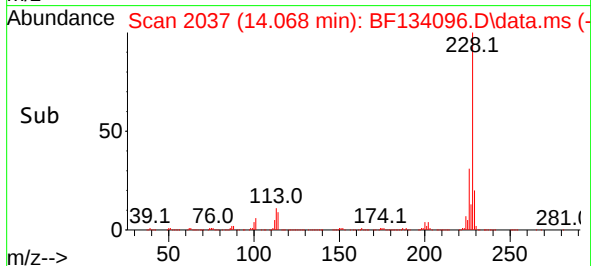
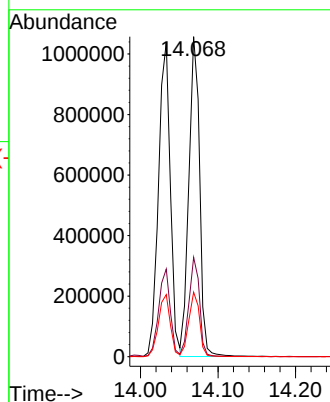
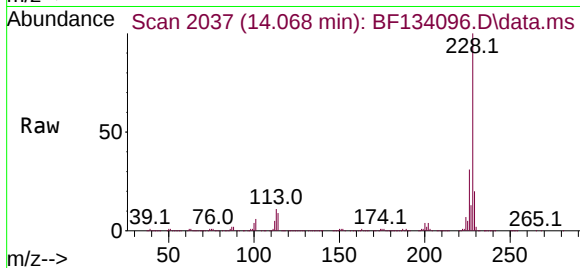
229 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.978 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134096.D

Acq: 06 Jul 2023 12:50

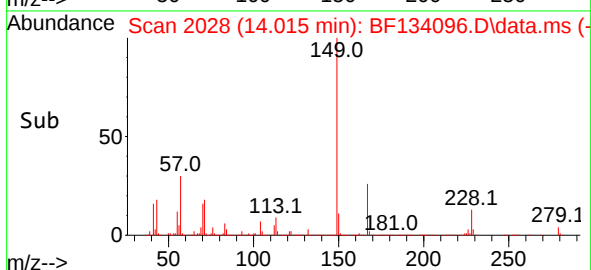
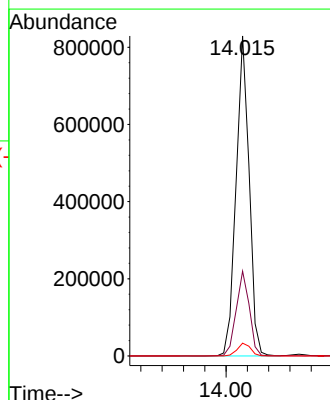
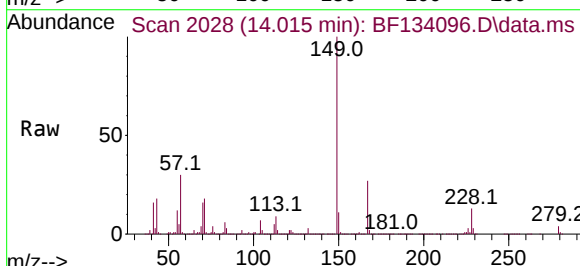
Tgt Ion:149 Resp: 706810

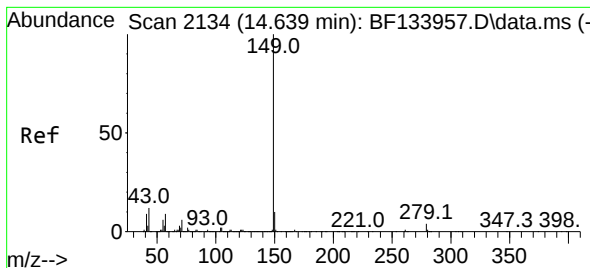
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

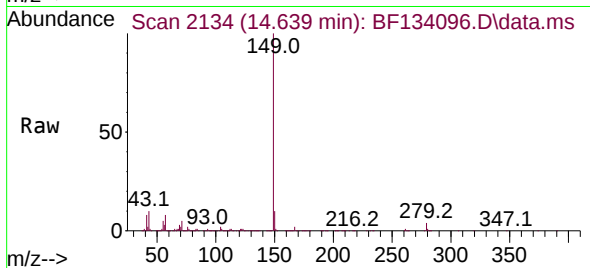
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 41.499 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

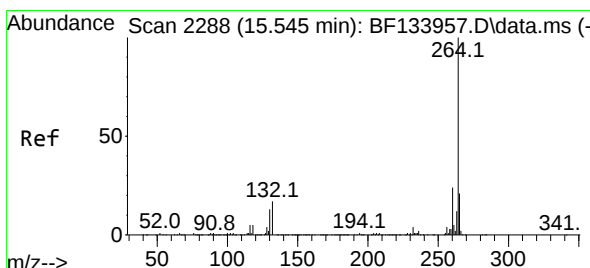
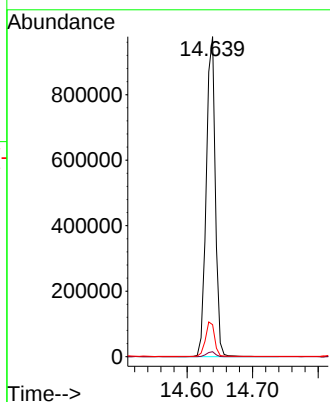
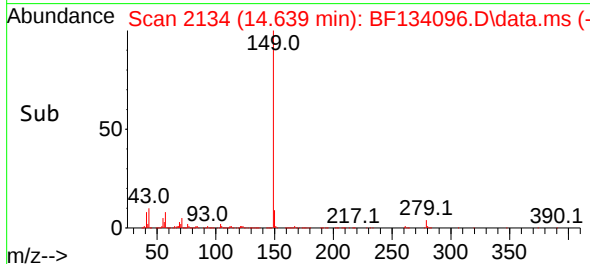
Instrument :
BNA_F
ClientSampleId :
PB153188BS



Tgt Ion:149 Resp: 937394
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.0 9.0 13.4

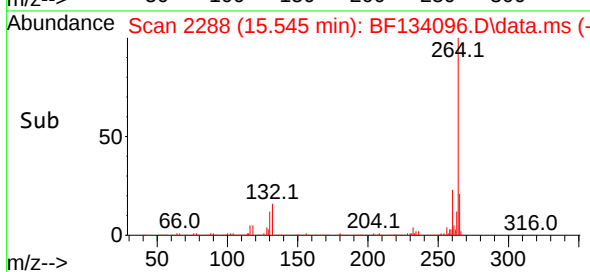
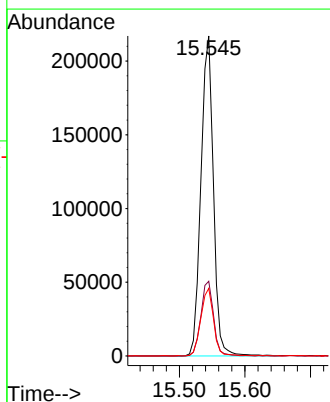
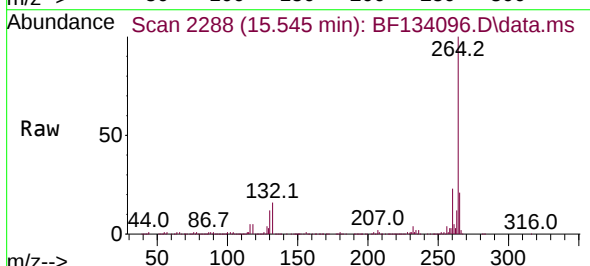
Manual Integrations
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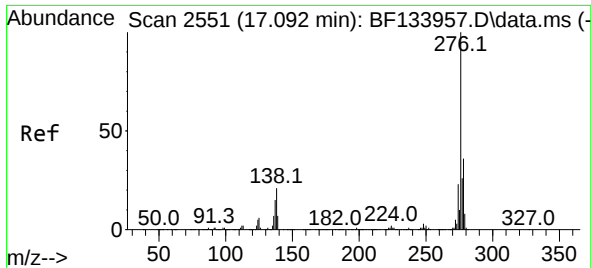
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:264 Resp: 287824
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.780 ng
RT: 17.098 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

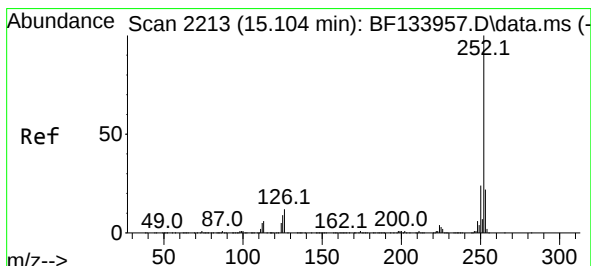
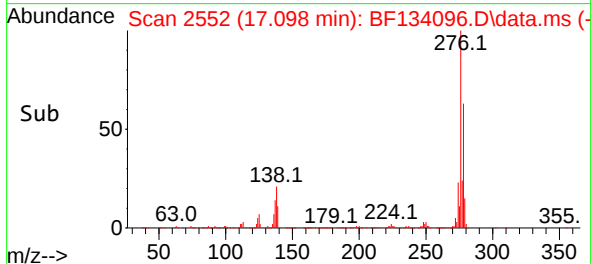
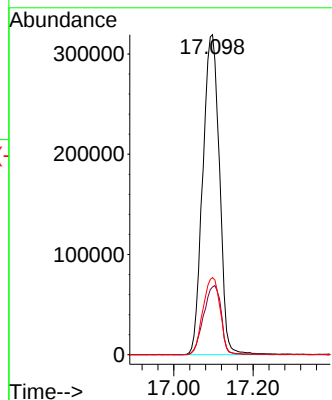
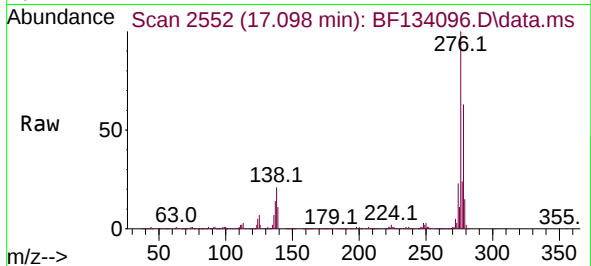
ClientSampleId :

PB153188BS

Tgt Ion:276 Resp: 93430
Ion Ratio Lower Upper
276 100
138 22.6 18.7 28.1
277 24.8 19.9 29.9

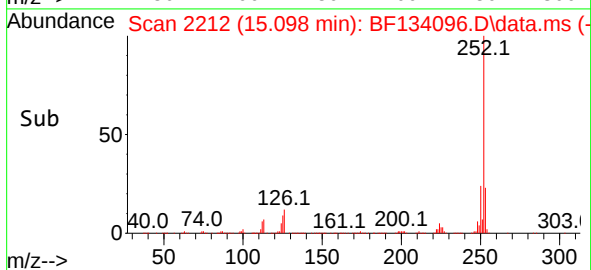
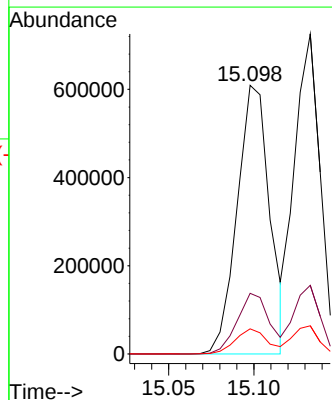
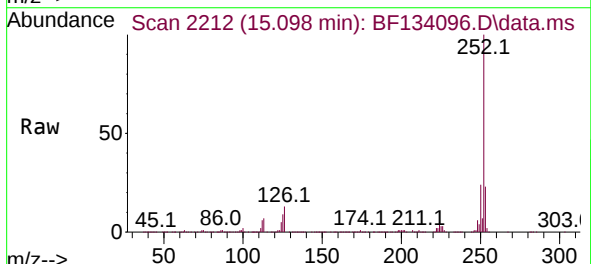
Manual Integrations
APPROVED

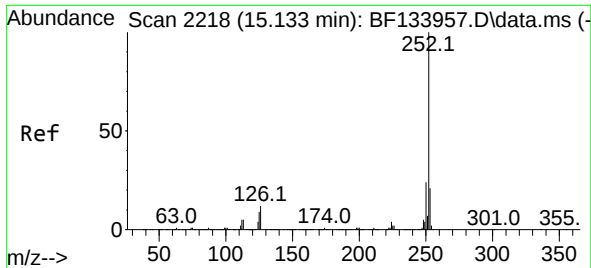
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#88
Benzo(b)fluoranthene
Concen: 47.899 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:252 Resp: 810648
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 9.4 7.1 10.7





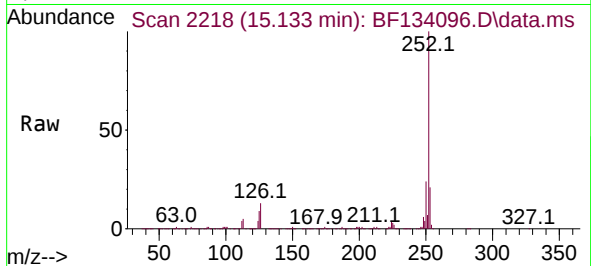
#89
Benzo(k)fluoranthene
Concen: 44.960 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB153188BS

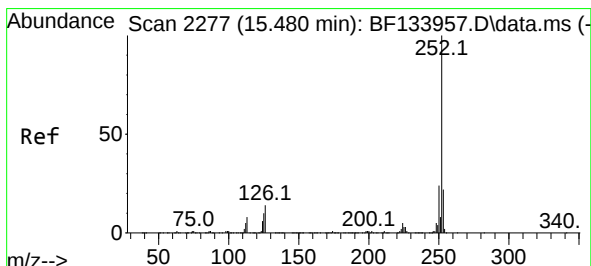
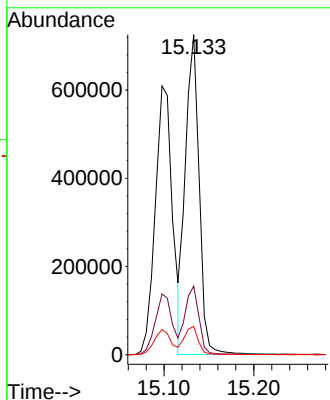
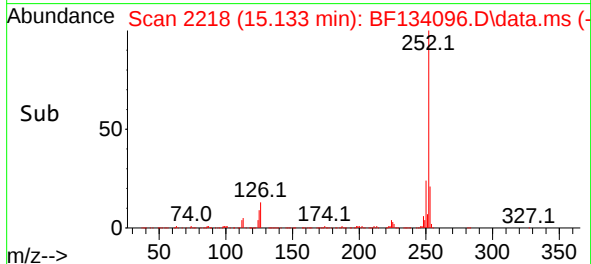


Tgt Ion:252 Resp: 774738
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 8.8 7.4 11.2

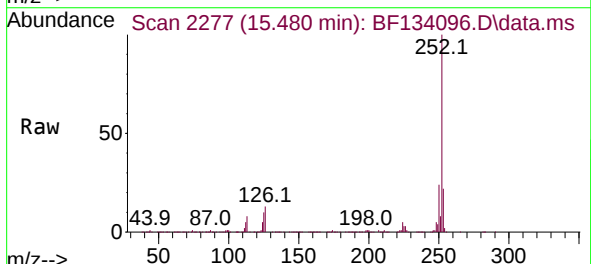
Manual Integrations

APPROVED

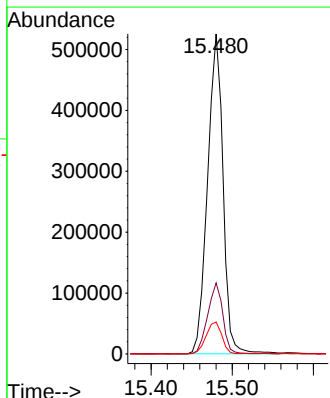
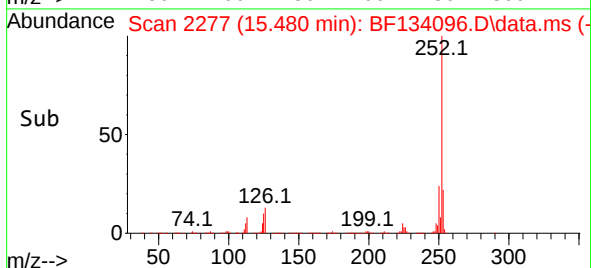
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

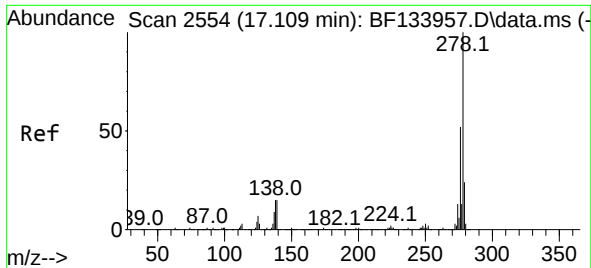


#90
Benzo(a)pyrene
Concen: 42.427 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50



Tgt Ion:252 Resp: 694344
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.0 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 47.272 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Instrument :

BNA_F

ClientSampleId :

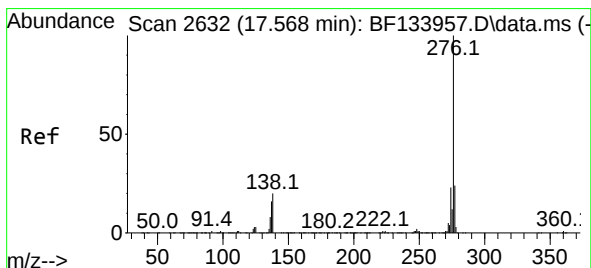
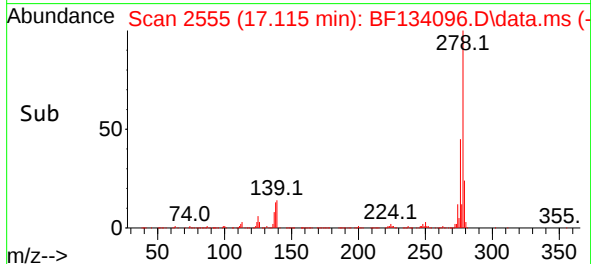
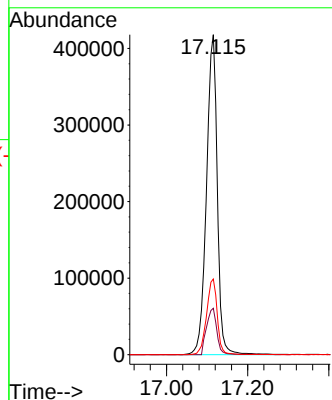
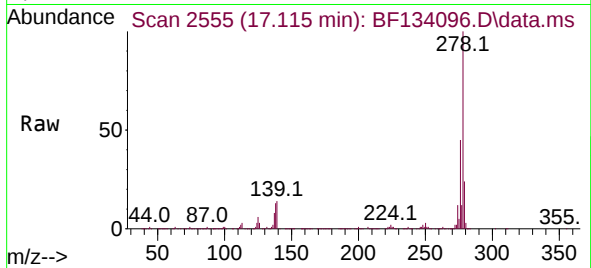
PB153188BS

Tgt Ion:278 Resp: 771154
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 23.6 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: 49.843 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.012 min
Lab File: BF134096.D
Acq: 06 Jul 2023 12:50

Tgt Ion:276 Resp: 838484
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 18.9 16.2 24.2

