

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133844.D
 Acq On : 20 Jun 2023 08:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 09:04:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	96241	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	359620	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	179640	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	337571	20.000	ng	0.00
76) Chrysene-d12	14.045	240	170631	20.000	ng	0.00
86) Perylene-d12	15.551	264	182627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	465483	84.201	ng	0.00
7) Phenol-d6	6.492	99	569397	79.128	ng	0.00
23) Nitrobenzene-d5	7.422	82	548760	83.113	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	180490	79.374	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1017487	80.515	ng	0.00
79) Terphenyl-d14	12.986	244	924289	83.818	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	98220	40.413	ng	99
3) Pyridine	3.410	79	252669	35.668	ng	96
4) n-Nitrosodimethylamine	3.375	42	154128	39.361	ng	95
6) Aniline	6.528	93	353075	38.956	ng	99
8) 2-Chlorophenol	6.645	128	236965	40.674	ng	98
9) Benzaldehyde	6.416	77	165860	34.741	ng	98
10) Phenol	6.510	94	299299	39.833	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	220595	39.545	ng	95
12) 1,3-Dichlorobenzene	6.798	146	256186	41.157	ng	97
13) 1,4-Dichlorobenzene	6.875	146	254286	40.418	ng	98
14) 1,2-Dichlorobenzene	7.028	146	240392	42.287	ng	99
15) Benzyl Alcohol	6.998	79	230447	41.003	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	391780	41.432	ng	99
17) 2-Methylphenol	7.110	107	210863	40.835	ng	99
18) Hexachloroethane	7.369	117	98216	45.601	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	179618	39.232	ng	99
20) 3+4-Methylphenols	7.263	107	260274	38.746	ng	97
22) Acetophenone	7.269	105	331506	40.192	ng	98
24) Nitrobenzene	7.439	77	278147	41.837	ng	95
25) Isophorone	7.681	82	480637	39.652	ng	98
26) 2-Nitrophenol	7.757	139	132192	44.304	ng	96
27) 2,4-Dimethylphenol	7.792	122	207044	40.260	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	278285	39.722	ng	98
29) 2,4-Dichlorophenol	7.998	162	205566	40.785	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	213799	40.656	ng	97
31) Naphthalene	8.163	128	697185	39.792	ng	99
32) Benzoic acid	7.904	122	150073m	46.270	ng	
33) 4-Chloroaniline	8.210	127	293295	39.150	ng	99
34) Hexachlorobutadiene	8.275	225	137804	40.024	ng	98
35) Caprolactam	8.586	113	63574	37.484	ng	96
36) 4-Chloro-3-methylphenol	8.692	107	230265	39.634	ng	98
37) 2-Methylnaphthalene	8.851	142	478235	39.285	ng	98
38) 1-Methylnaphthalene	8.951	142	453513	40.485	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	219529	40.198	ng	100
41) Hexachlorocyclopentadiene	9.004	237	109569	45.022	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	147516	40.422	ng	96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 19 16:00:59 2023

Response via : Initial Calibration

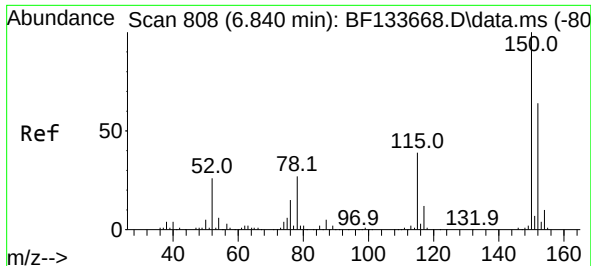
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	169593	39.945	ng	99
46) 1,1'-Biphenyl	9.316	154	585782	40.432	ng	99
47) 2-Chloronaphthalene	9.345	162	418062	40.227	ng	98
48) 2-Nitroaniline	9.439	65	157078	41.327	ng	96
49) Acenaphthylene	9.757	152	727357	40.211	ng	99
50) Dimethylphthalate	9.622	163	519136	38.716	ng	99
51) 2,6-Dinitrotoluene	9.680	165	114435	41.347	ng	# 74
52) Acenaphthene	9.933	154	430972	40.705	ng	98
53) 3-Nitroaniline	9.851	138	131988	39.188	ng	86
54) 2,4-Dinitrophenol	9.957	184	56255	44.339	ng	91
55) Dibenzofuran	10.104	168	652598	40.394	ng	98
56) 4-Nitrophenol	10.010	139	89076	39.187	ng	# 78
57) 2,4-Dinitrotoluene	10.086	165	150302	42.700	ng	99
58) Fluorene	10.445	166	502410	40.665	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.222	232	131424	41.346	ng	97
60) Diethylphthalate	10.322	149	539736	39.550	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	245317	40.221	ng	99
62) 4-Nitroaniline	10.469	138	127407	38.581	ng	95
63) Azobenzene	10.598	77	518924	40.167	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	79927	49.549	ng	91
66) n-Nitrosodiphenylamine	10.563	169	449048	39.602	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	150887	40.047	ng	91
68) Hexachlorobenzene	10.998	284	154656	39.034	ng	94
69) Atrazine	11.086	200	124235	37.761	ng	96
70) Pentachlorophenol	11.192	266	97095	40.925	ng	97
71) Phenanthrene	11.416	178	682174	39.831	ng	99
72) Anthracene	11.469	178	705912	39.530	ng	99
73) Carbazole	11.621	167	630954	37.936	ng	99
74) Di-n-butylphthalate	11.951	149	787619	36.939	ng	99
75) Fluoranthene	12.610	202	696140	38.276	ng	99
77) Benzidine	12.733	184	205662	35.919	ng	99
78) Pyrene	12.839	202	687555	43.256	ng	99
80) Butylbenzylphthalate	13.463	149	254744	37.963	ng	99
81) Benzo(a)anthracene	14.033	228	460523	39.019	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	147887	37.689	ng	99
83) Chrysene	14.074	228	454514	40.716	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	316684	38.329	ng	98
85) Di-n-octyl phthalate	14.645	149	513452	43.731	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	559800	44.555	ng	99
88) Benzo(b)fluoranthene	15.104	252	435378	39.245	ng	99
89) Benzo(k)fluoranthene	15.133	252	405478	37.521	ng	97
90) Benzo(a)pyrene	15.486	252	422346	41.021	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	456235	43.861	ng	99
92) Benzo(g,h,i)perylene	17.574	276	452226	43.849	ng	98

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

Manual Integrations

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

[illegible]



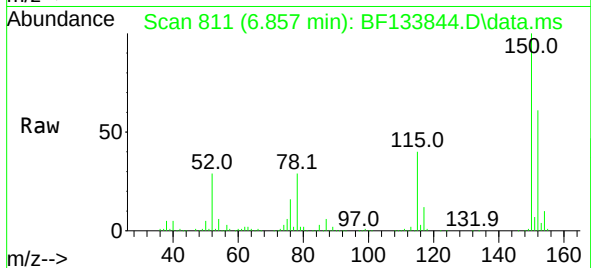
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



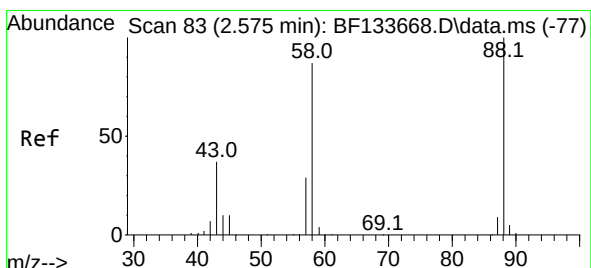
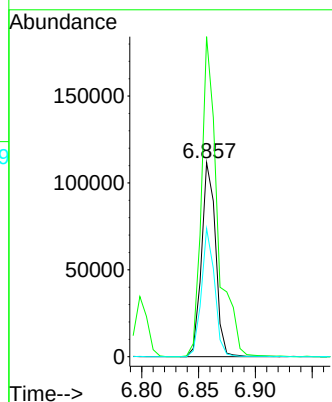
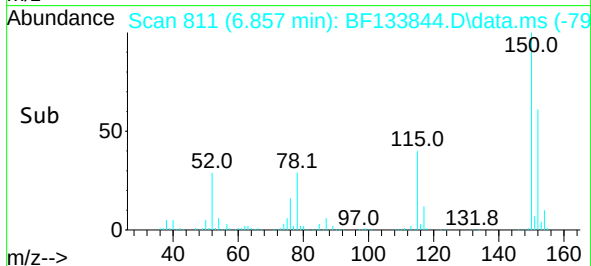
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Ion Ratio Lower Upper
152 100
150 164.9 124.3 186.5
115 66.1 48.5 72.7

Manual Integrations

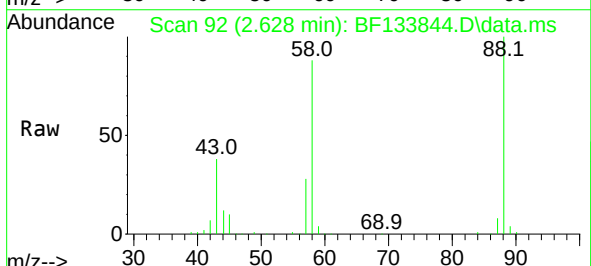
APPROVED

Reviewed By :Yogesh Patel 06/21/2023

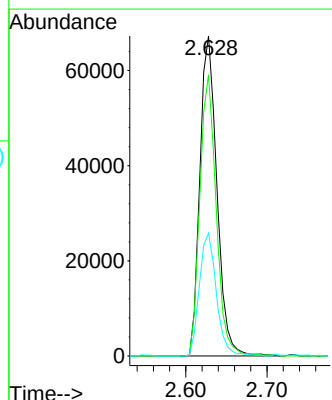
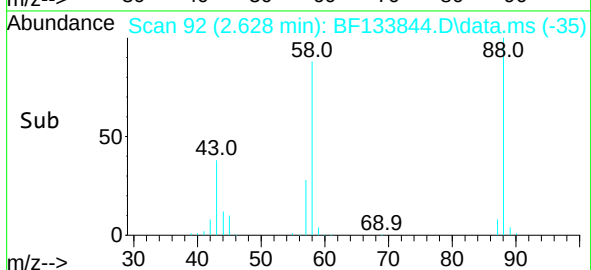
Supervised By :mohammad ahmed 06/21/2023

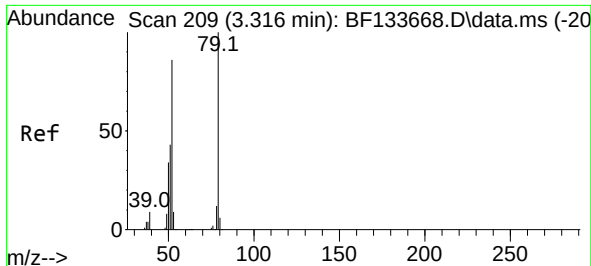


#2
1,4-Dioxane
Concen: 40.413 ng
RT: 2.628 min Scan# 92
Delta R.T. -0.012 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



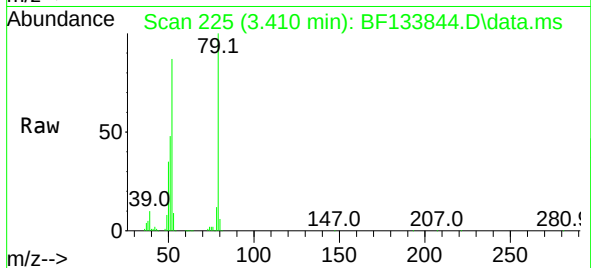
Tgt Ion: 88 Resp: 98220
Ion Ratio Lower Upper
88 100
58 84.5 67.8 101.6
43 38.3 29.8 44.6





#3
Pyridine
Concen: 35.668 ng
RT: 3.410 min Scan# 210
Delta R.T. -0.018 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

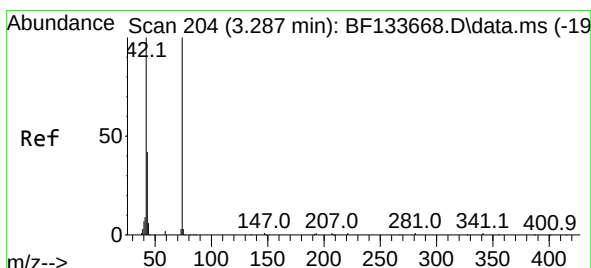
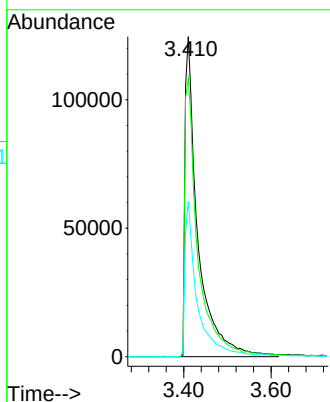
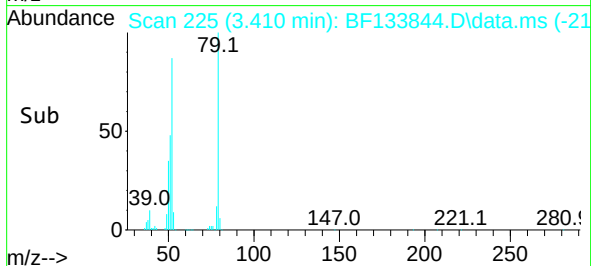
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



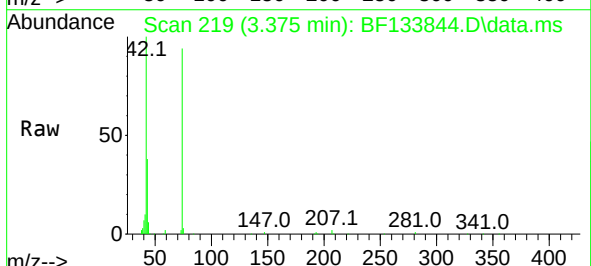
Tgt Ion: 79 Resp: 252669
Ion Ratio Lower Upper
79 100
52 86.9 68.6 102.8
51 48.5 34.8 52.2

Manual Integrations
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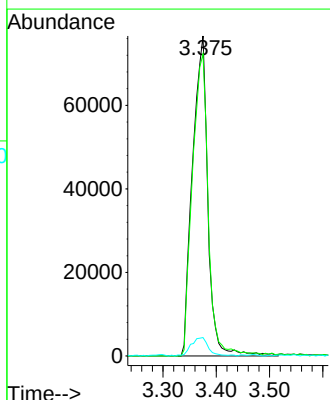
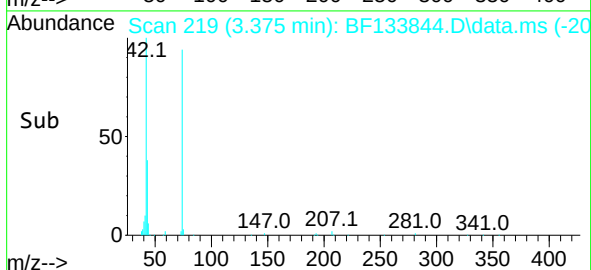
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

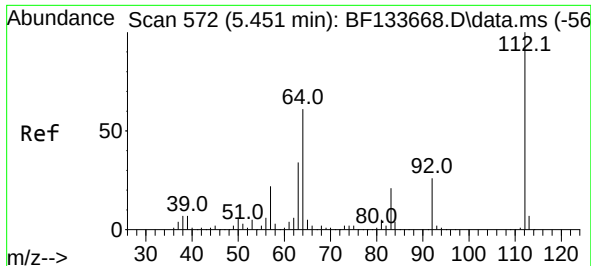


#4
n-Nitrosodimethylamine
Concen: 39.361 ng
RT: 3.375 min Scan# 219
Delta R.T. -0.012 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion: 42 Resp: 154128
Ion Ratio Lower Upper
42 100
74 94.3 79.8 119.8
44 5.8 4.7 7.1





#5
2-Fluorophenol
Concen: 84.201 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

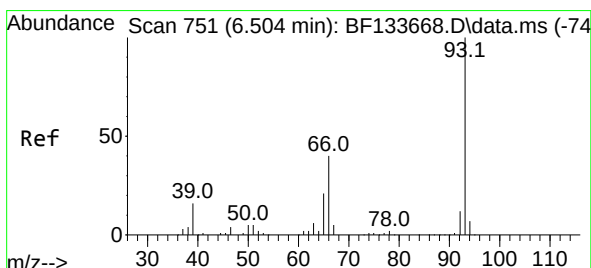
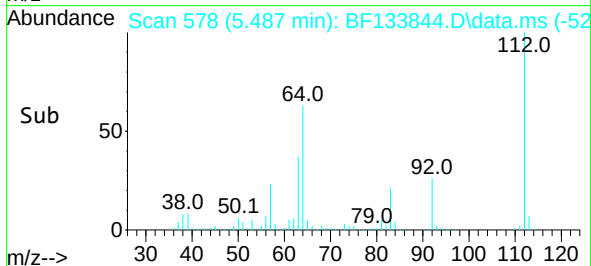
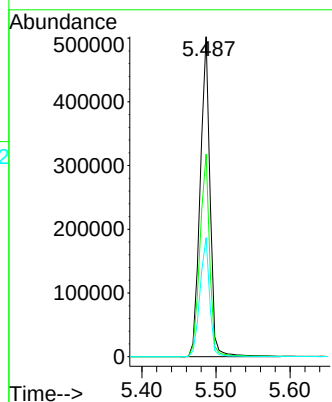
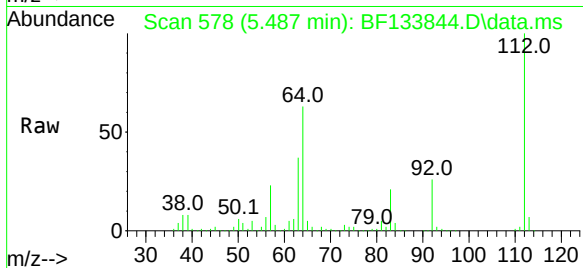
SSTDCCC040

Tgt Ion:112 Resp: 46548
Ion Ratio Lower Upper
112 100
64 63.3 49.0 73.4
63 37.2 26.8 40.2

Manual Integrations

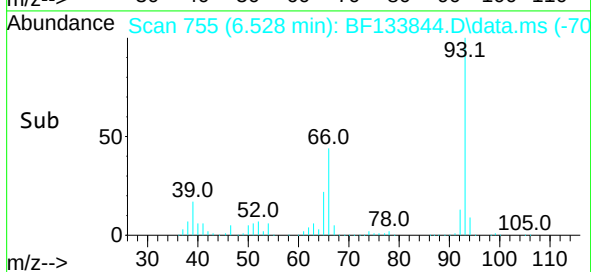
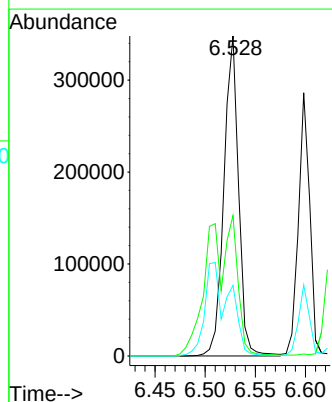
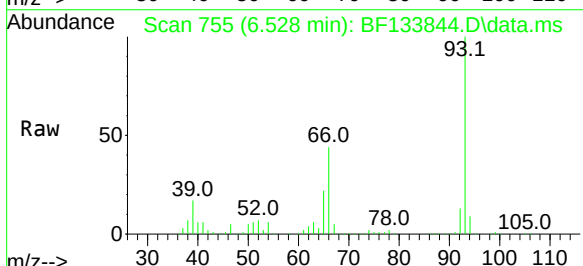
APPROVED

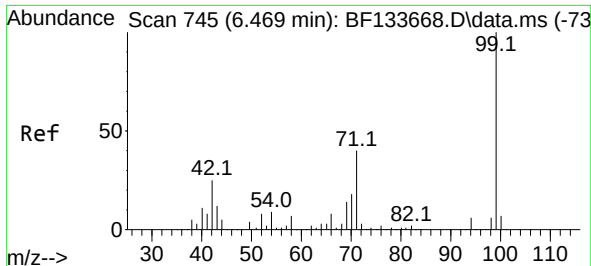
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#6
Aniline
Concen: 38.956 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

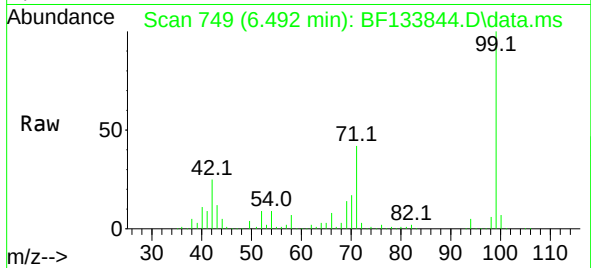
Tgt Ion: 93 Resp: 353075
Ion Ratio Lower Upper
93 100
66 43.9 34.4 51.6
65 22.0 17.5 26.3





#7
Phenol-d6
Concen: 79.128 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

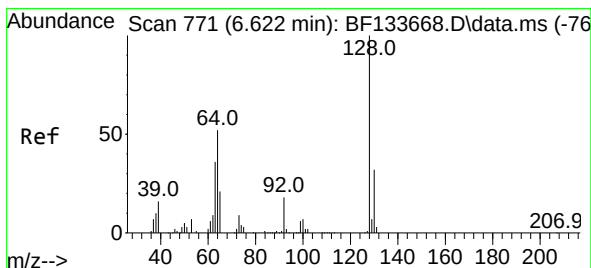
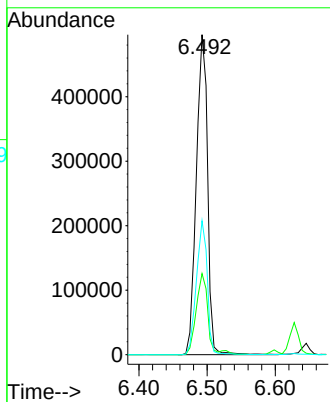
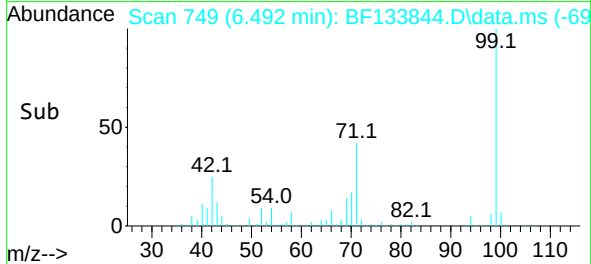
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 56939
Ion Ratio Lower Upper
99 100
42 25.3 19.9 29.9
71 41.9 32.2 48.4

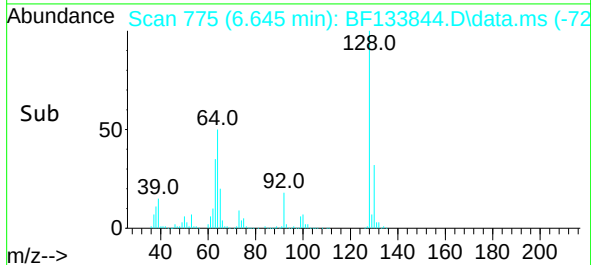
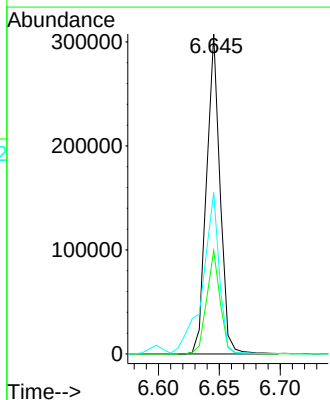
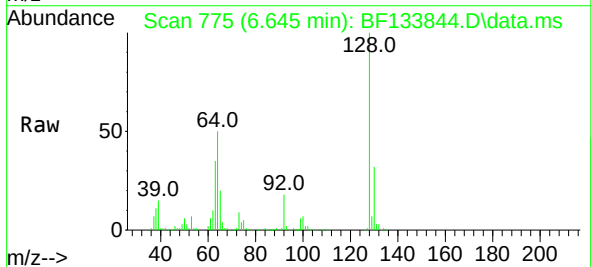
Manual Integrations
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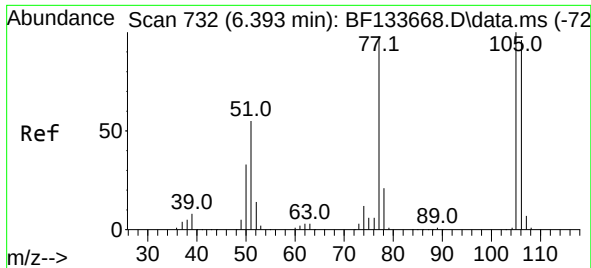
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#8
2-Chlorophenol
Concen: 40.674 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:128 Resp: 236965
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 50.5 33.1 73.1





#9

Benzaldehyde

Concen: 34.741 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 165860

Ion Ratio Lower Upper

77 100

105 101.5 82.0 122.0

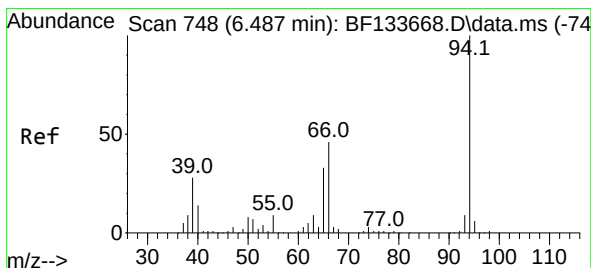
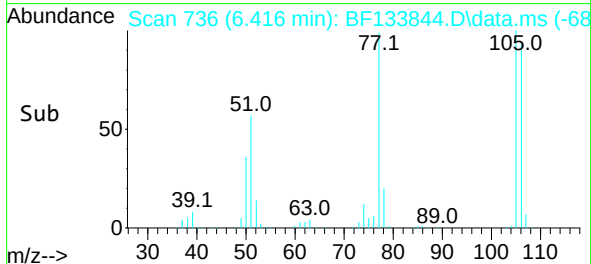
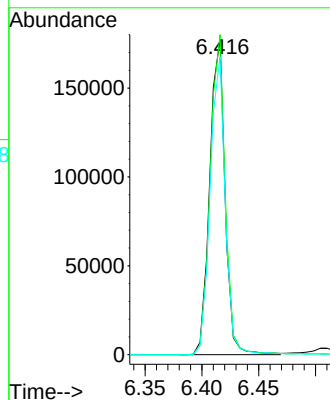
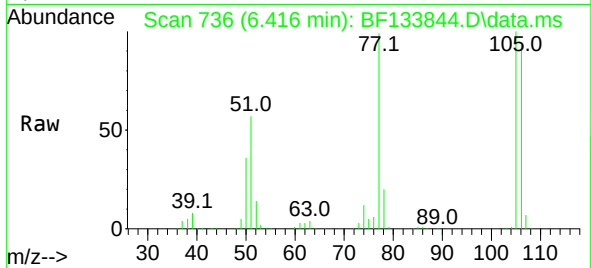
106 94.5 77.6 117.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#10

Phenol

Concen: 39.833 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

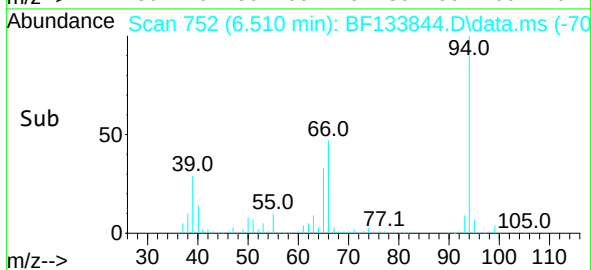
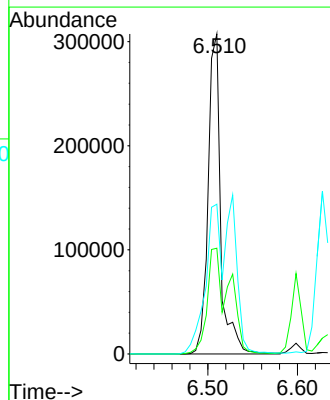
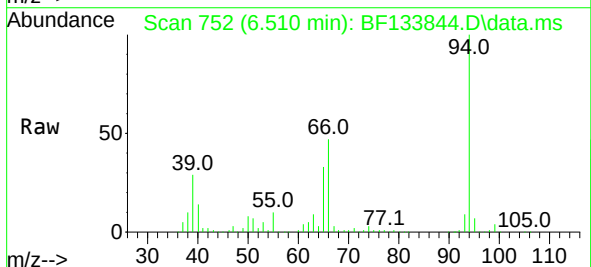
Tgt Ion: 94 Resp: 299299

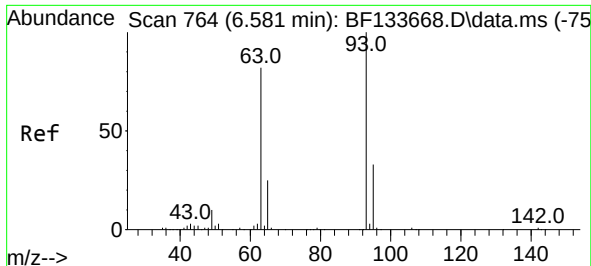
Ion Ratio Lower Upper

94 100

65 33.0 13.2 53.2

66 46.8 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 39.545 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

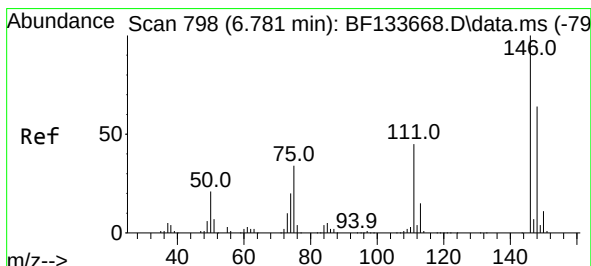
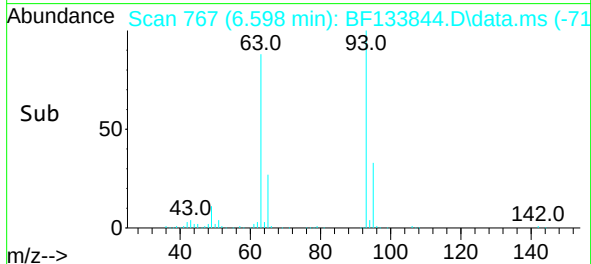
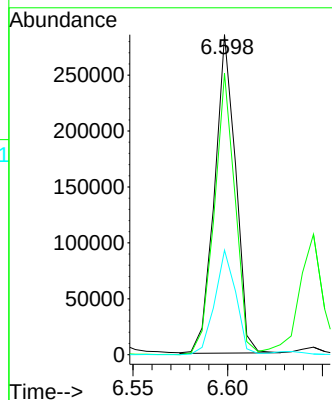
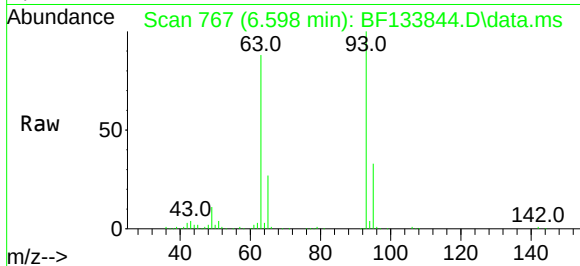
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 22059
Ion Ratio Lower Upper
93 100
63 87.9 62.1 102.1
95 32.7 13.0 53.0

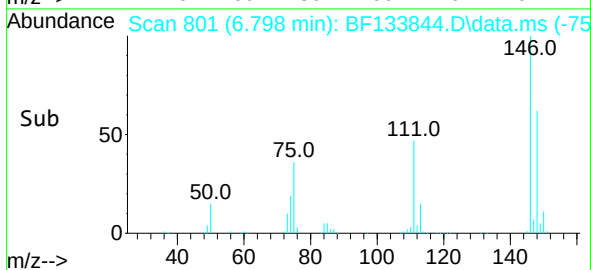
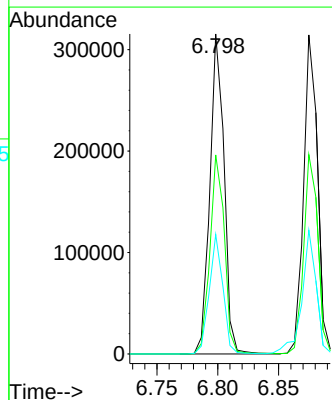
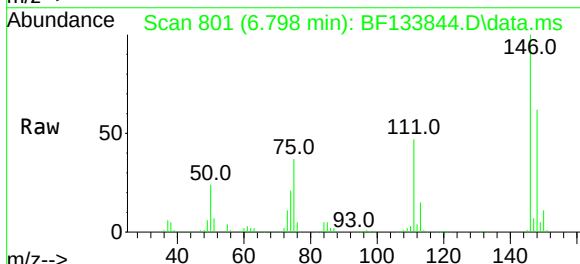
Manual Integrations
APPROVED

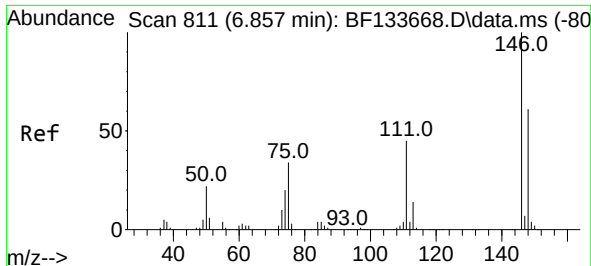
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
1,3-Dichlorobenzene
Concen: 41.157 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:146 Resp: 256186
Ion Ratio Lower Upper
146 100
148 62.2 50.9 76.3
75 37.3 27.1 40.7





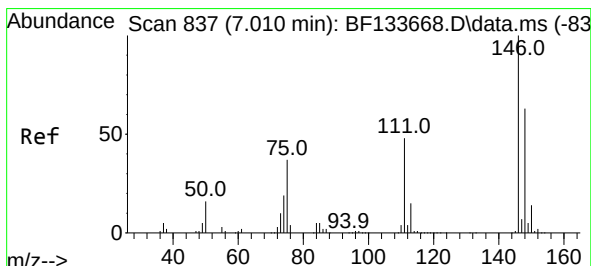
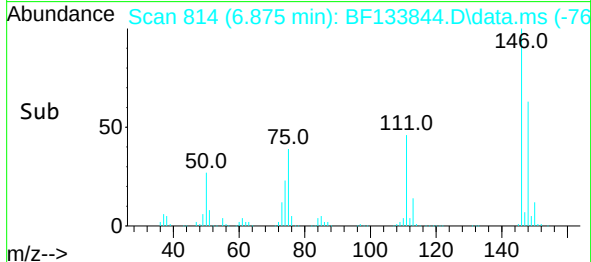
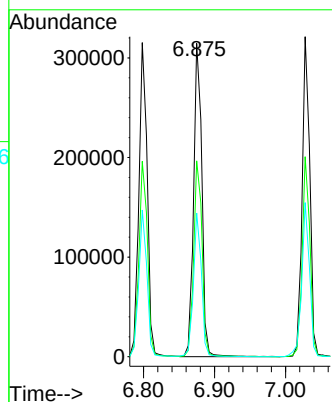
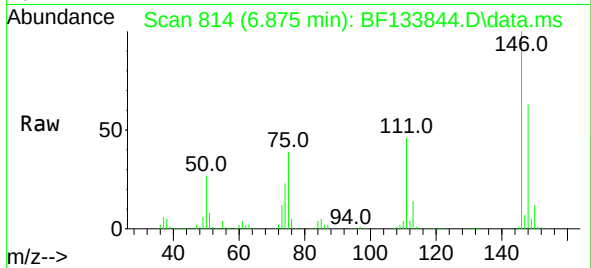
#13
1,4-Dichlorobenzene
Concen: 40.418 ng
RT: 6.875 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 254280
Ion Ratio Lower Upper
146 100
148 62.5 48.9 73.3
111 45.9 35.8 53.6

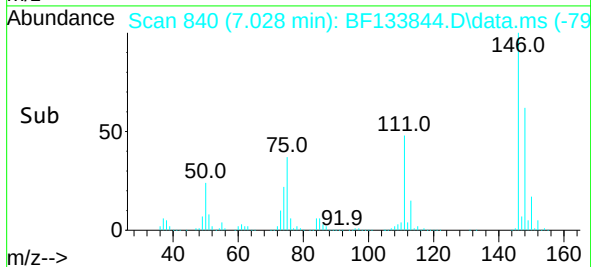
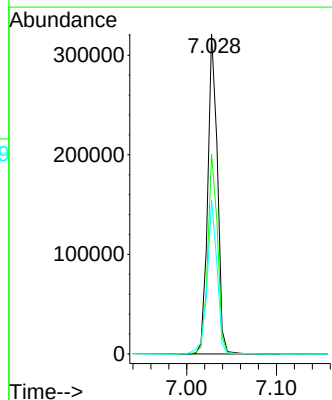
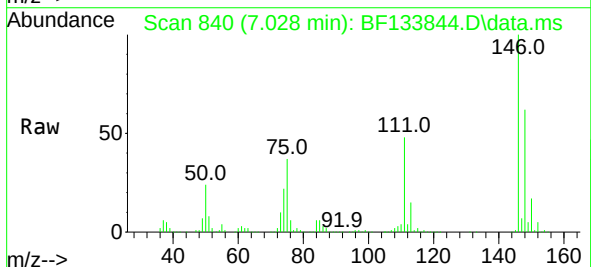
Manual Integrations
APPROVED

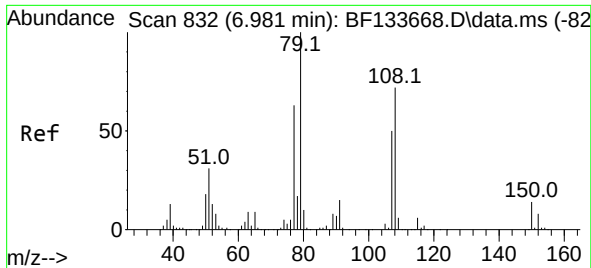
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#14
1,2-Dichlorobenzene
Concen: 42.287 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

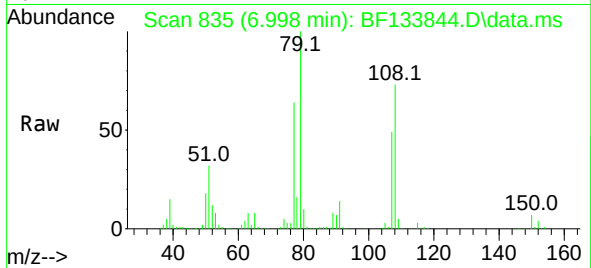
Tgt Ion:146 Resp: 240392
Ion Ratio Lower Upper
146 100
148 62.5 50.6 75.8
111 48.2 38.7 58.1





#15
Benzyl Alcohol
Concen: 41.003 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

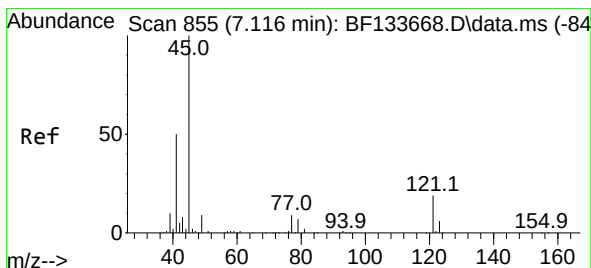
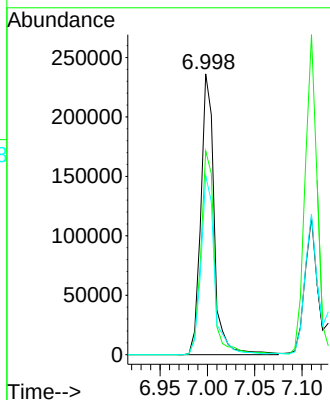
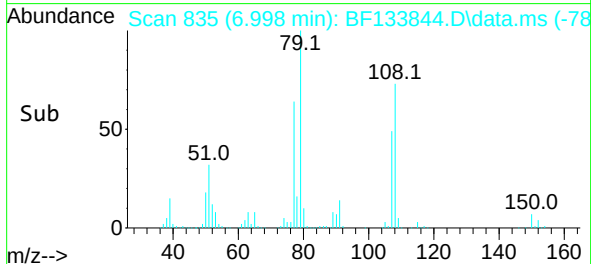
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 23044
Ion Ratio Lower Upper
79 100
108 72.6 57.9 86.9
77 63.7 50.4 75.6

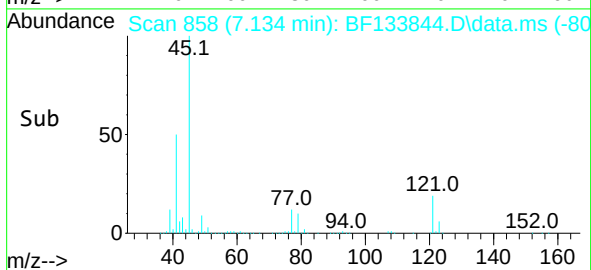
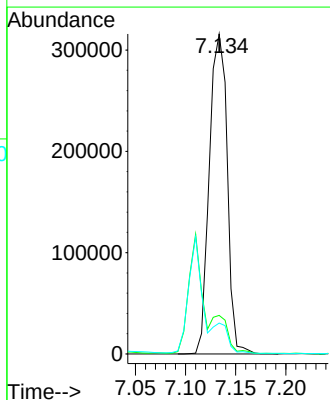
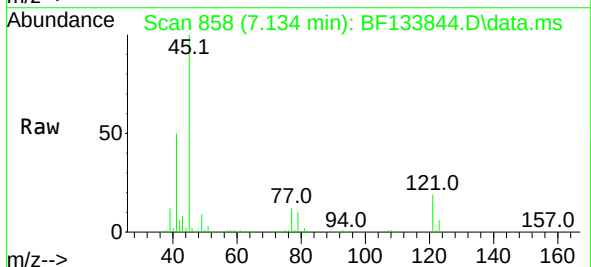
Manual Integrations
APPROVED

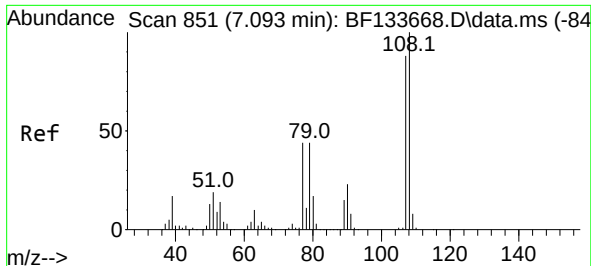
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.432 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion: 45 Resp: 391780
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.3
79 9.7 0.0 29.4





#17

2-Methylphenol

Concen: 40.835 ng

RT: 7.110 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 21086

Ion Ratio Lower Upper

107 100

108 115.0 90.9 136.3

77 50.6 39.8 59.6

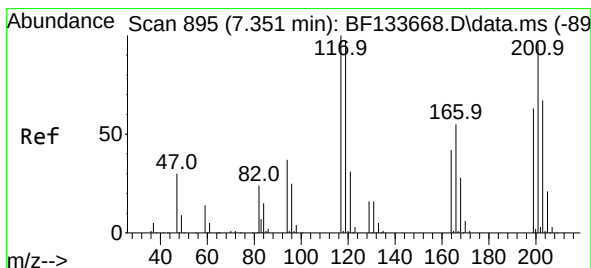
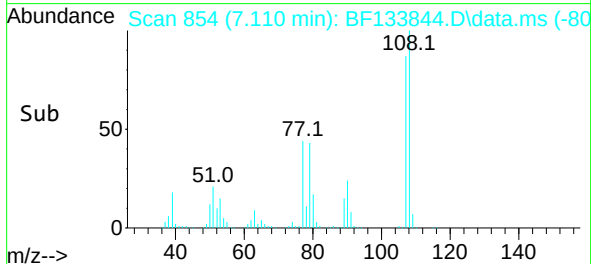
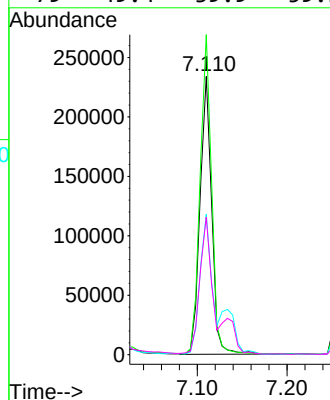
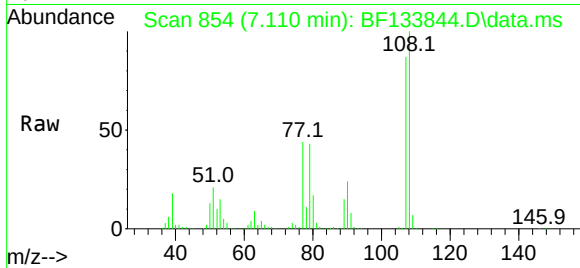
79 49.4 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#18

Hexachloroethane

Concen: 45.601 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

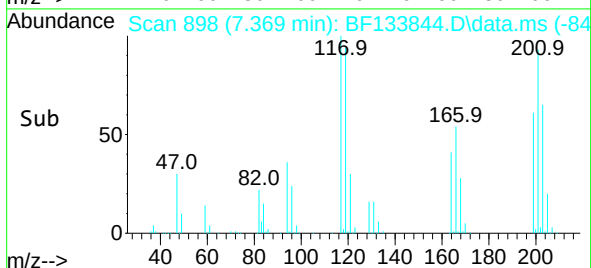
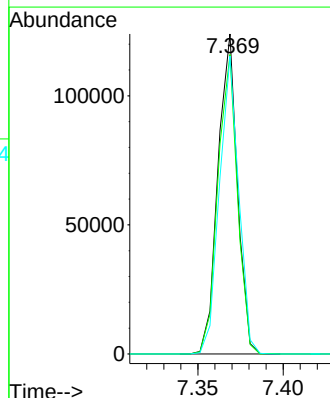
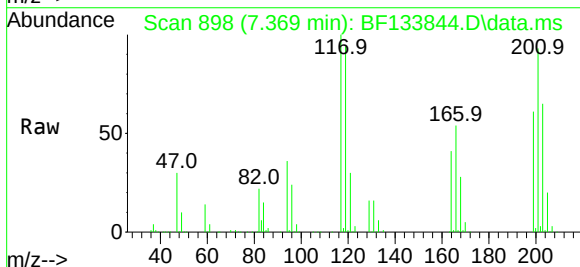
Tgt Ion:117 Resp: 98216

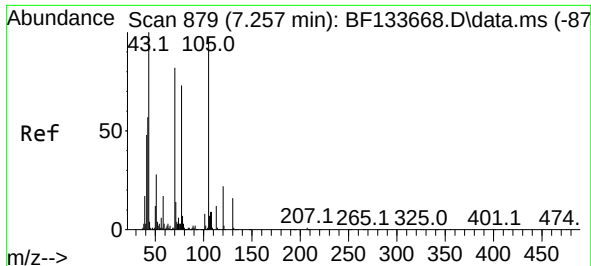
Ion Ratio Lower Upper

117 100

119 93.6 77.3 115.9

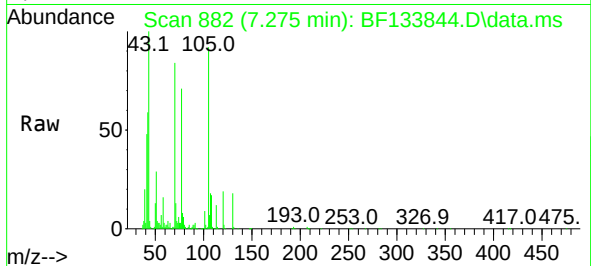
201 93.1 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.232 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

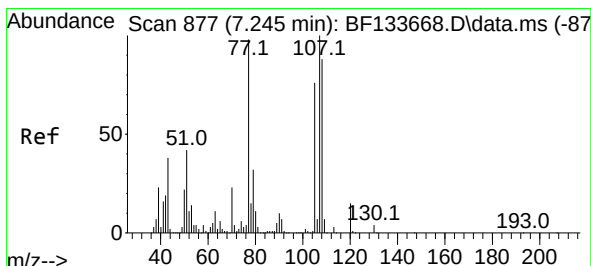
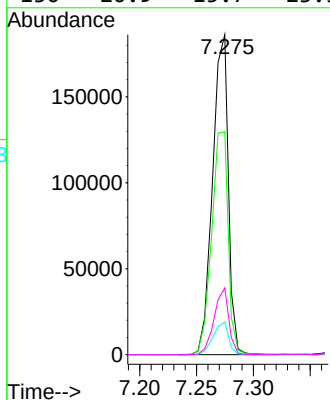
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



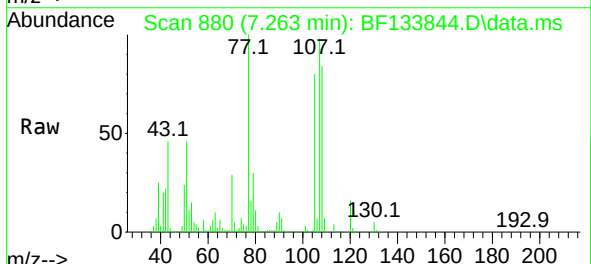
Tgt Ion: 70 Resp: 179618
Ion Ratio Lower Upper
70 100
42 69.6 55.8 83.8
101 10.2 8.1 12.1
130 20.9 15.7 23.5

Manual Integrations
APPROVED

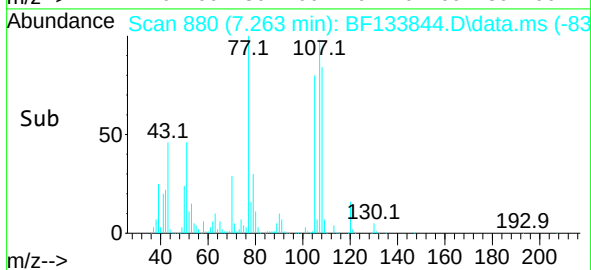
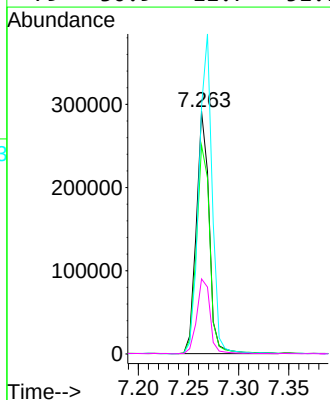
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

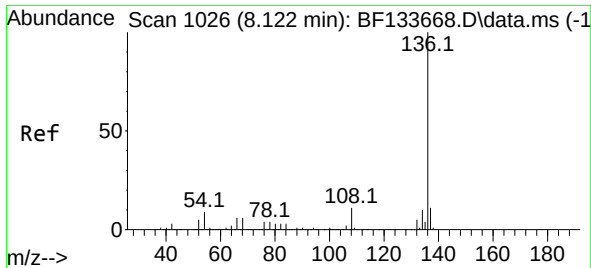


#20
3+4-Methylphenols
Concen: 38.746 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:107 Resp: 260274
Ion Ratio Lower Upper
107 100
108 86.0 67.9 107.9
77 101.9 77.7 117.7
79 30.9 11.7 51.7





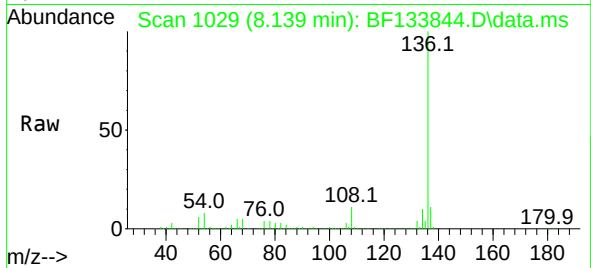
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

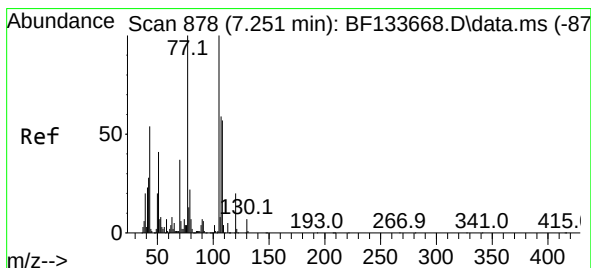
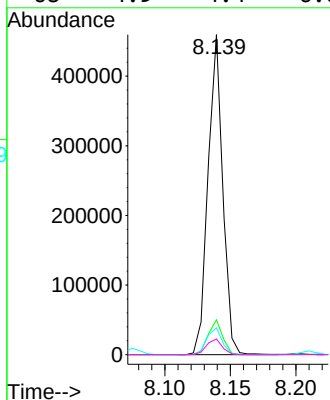
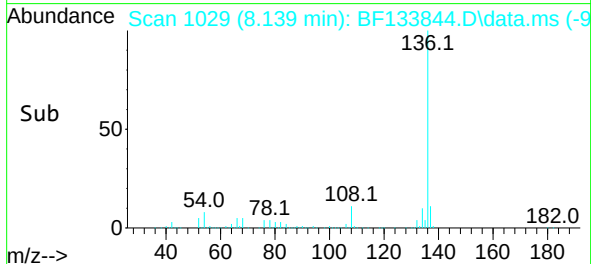


Tgt Ion:136 Resp: 359620
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 7.4 11.0
68 4.9 4.4 6.6

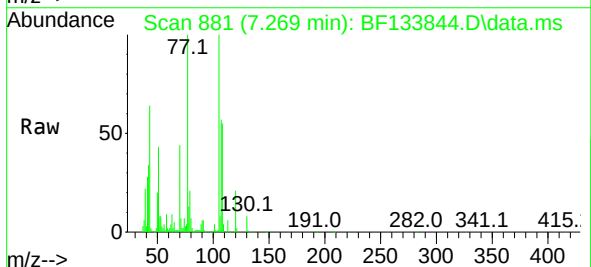
Manual Integrations

APPROVED

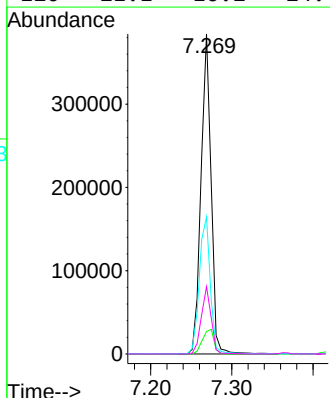
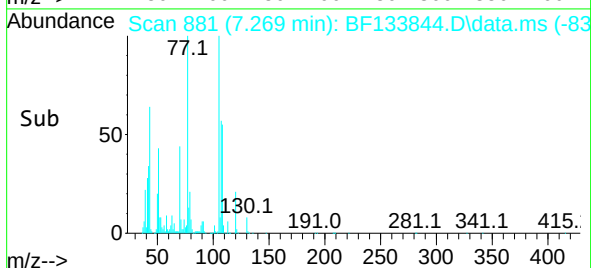
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

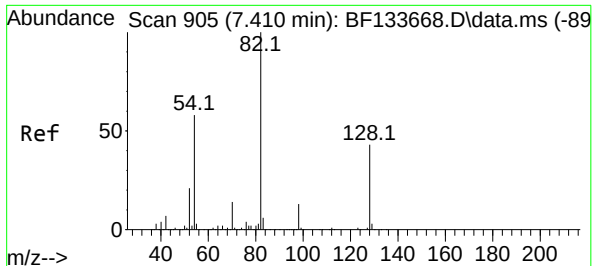


#22
Acetophenone
Concen: 40.192 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



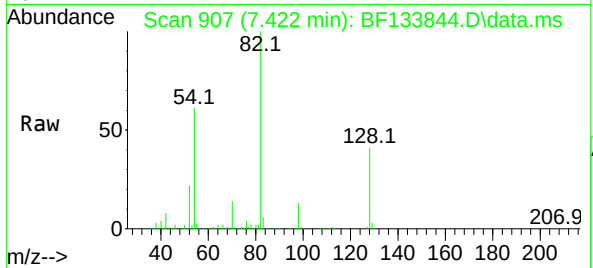
Tgt Ion:105 Resp: 331506
Ion Ratio Lower Upper
105 100
71 7.0 4.8 7.2
51 42.9 33.0 49.4
120 21.1 16.2 24.4





#23
Nitrobenzene-d5
Concen: 83.113 ng
RT: 7.422 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

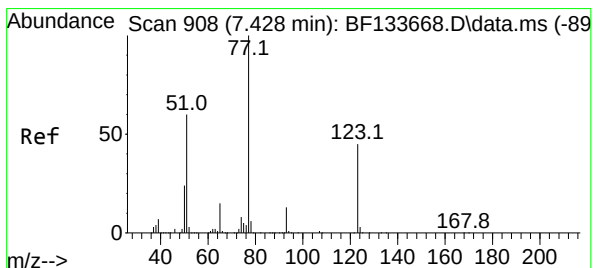
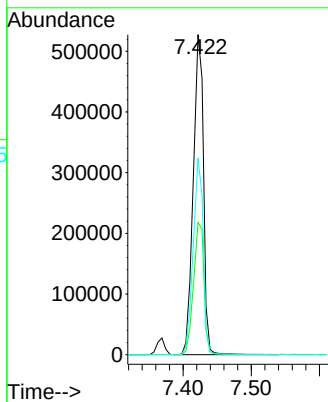
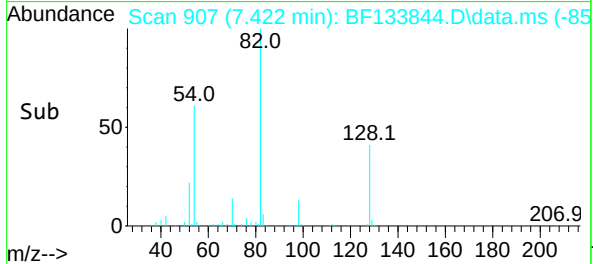
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 548760
Ion Ratio Lower Upper
82 100
128 41.3 34.2 51.2
54 61.5 46.5 69.7

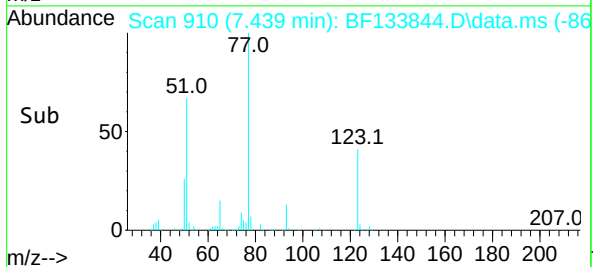
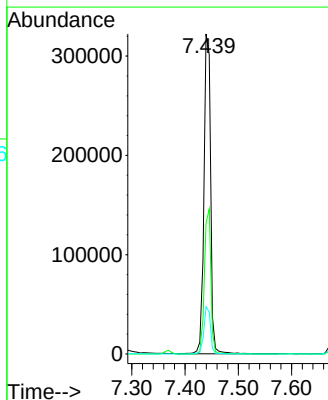
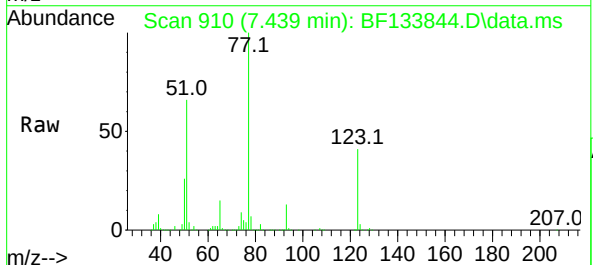
Manual Integrations
APPROVED

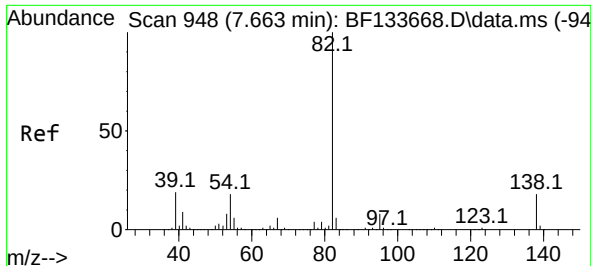
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#24
Nitrobenzene
Concen: 41.837 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion: 77 Resp: 278147
Ion Ratio Lower Upper
77 100
123 40.9 35.8 53.8
65 14.7 11.6 17.4





#25
Isophorone
Concen: 39.652 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

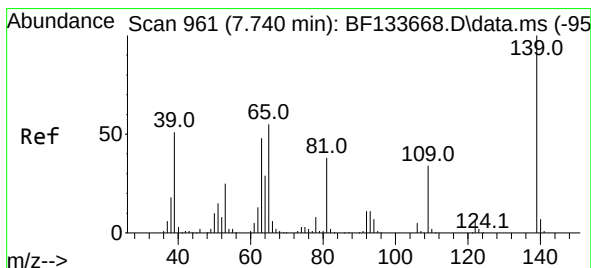
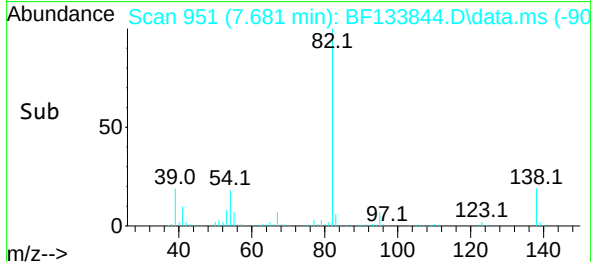
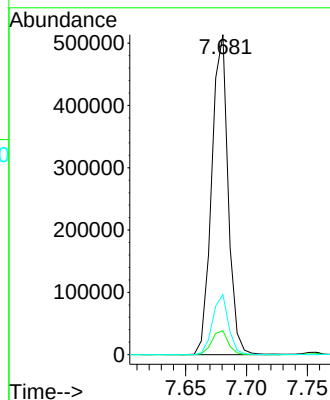
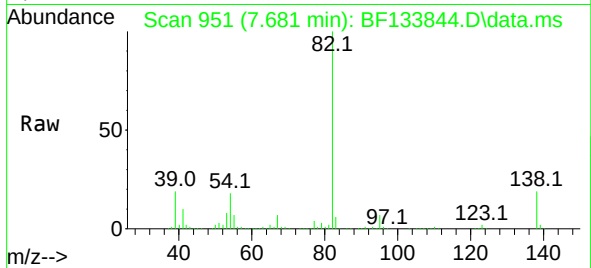
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 48063
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 18.8 14.2 21.2

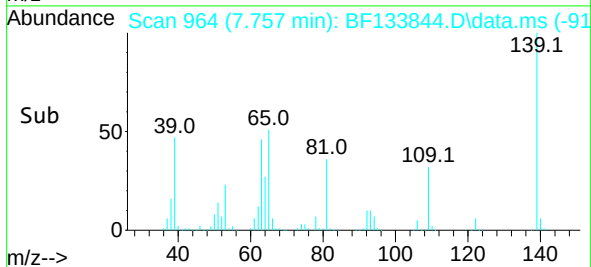
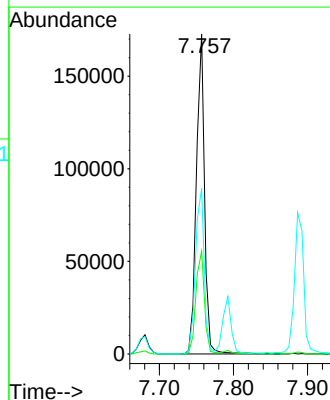
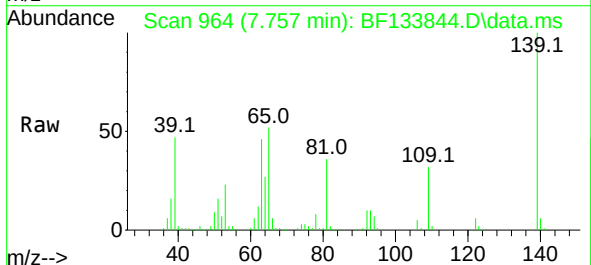
Manual Integrations
APPROVED

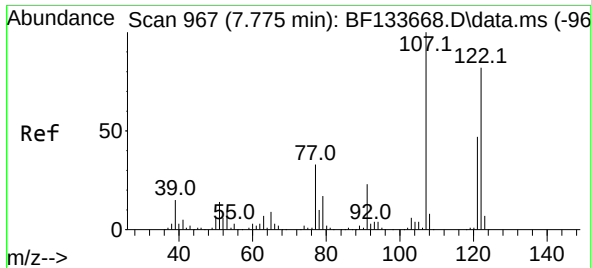
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#26
2-Nitrophenol
Concen: 44.304 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:139 Resp: 132192
Ion Ratio Lower Upper
139 100
109 32.1 27.0 40.6
65 51.8 44.2 66.4





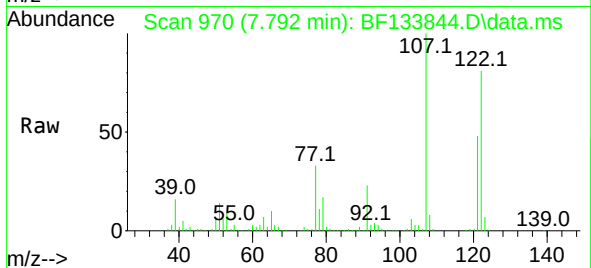
#27
2,4-Dimethylphenol
Concen: 40.260 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

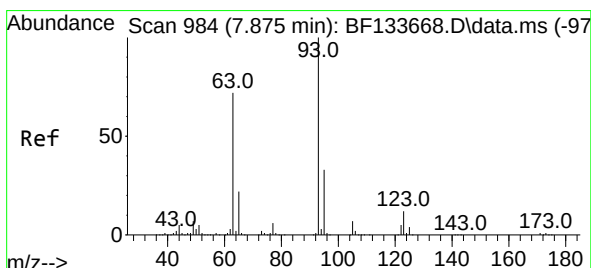
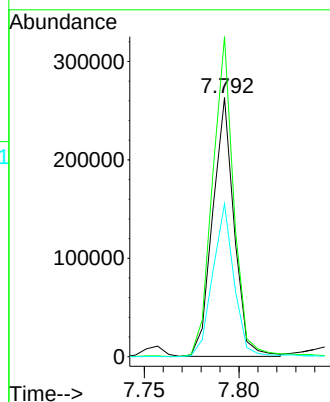
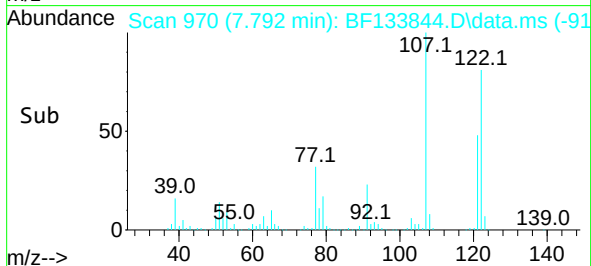


Tgt Ion:122 Resp: 20704
Ion Ratio Lower Upper
122 100
107 123.5 97.8 146.6
121 59.0 46.1 69.1

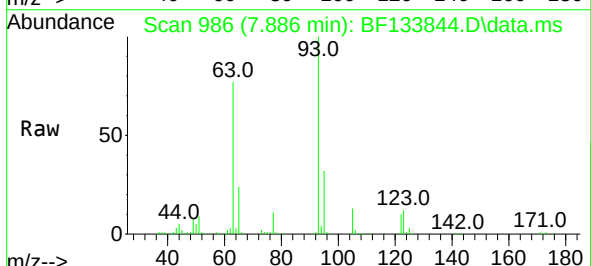
Manual Integrations

APPROVED

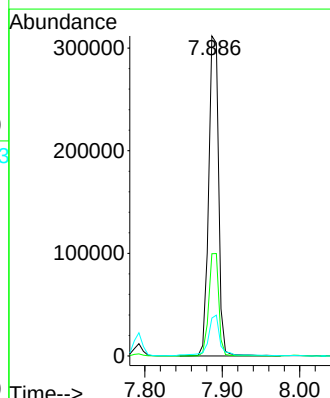
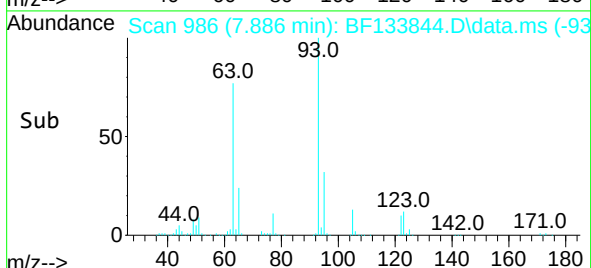
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

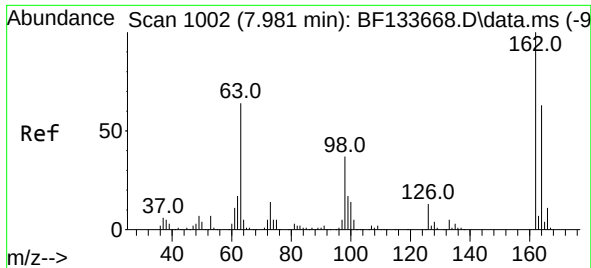


#28
bis(2-Chloroethoxy)methane
Concen: 39.722 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion: 93 Resp: 278285
Ion Ratio Lower Upper
93 100
95 31.9 26.4 39.6
123 11.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.785 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 205560

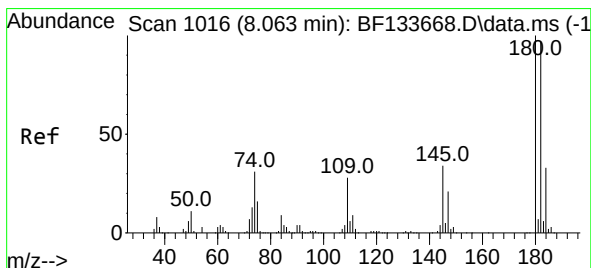
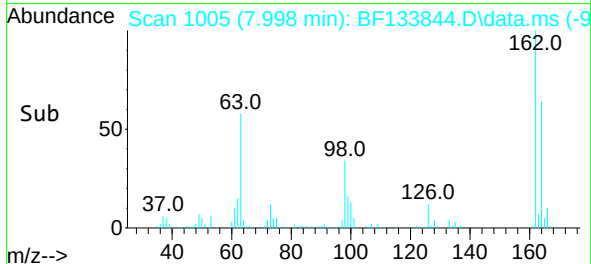
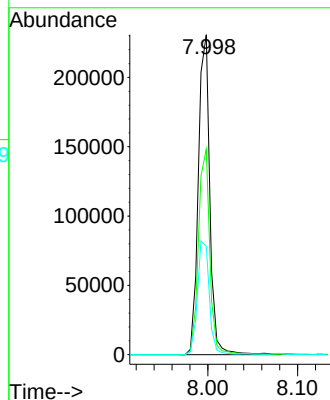
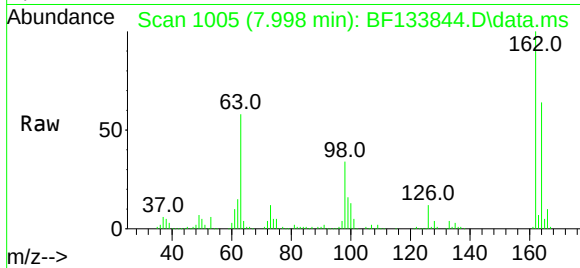
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.4	83.4
98	33.8	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.656 ng

RT: 8.081 min Scan# 1019

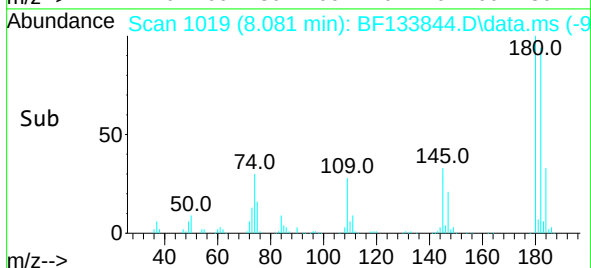
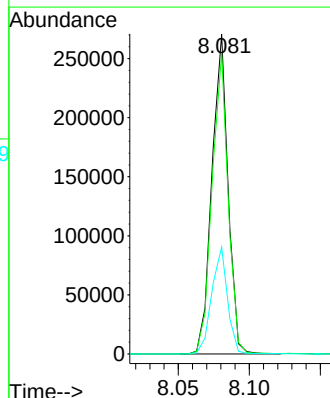
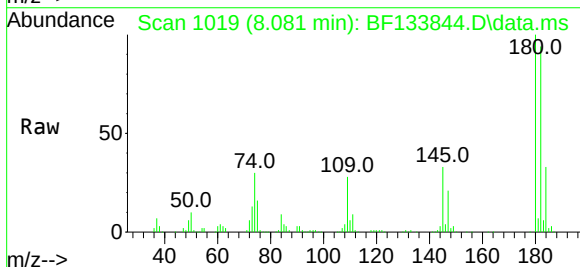
Delta R.T. -0.000 min

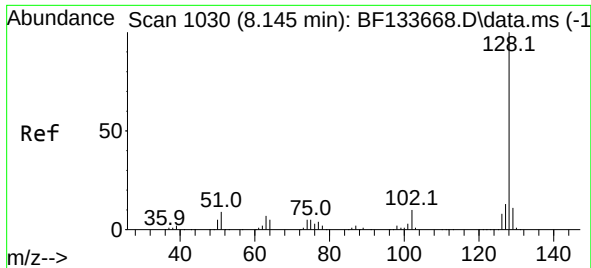
Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Tgt Ion:180 Resp: 213799

Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.8	116.8
145	33.4	27.0	40.4





#31
Naphthalene
Concen: 39.792 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

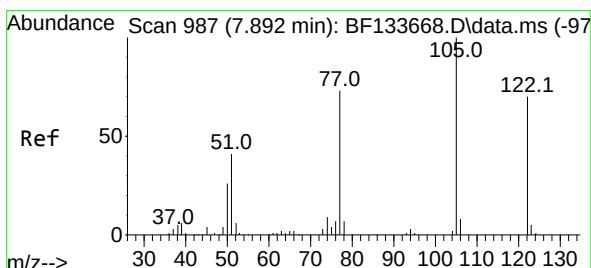
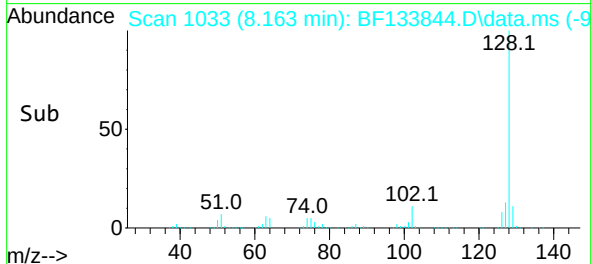
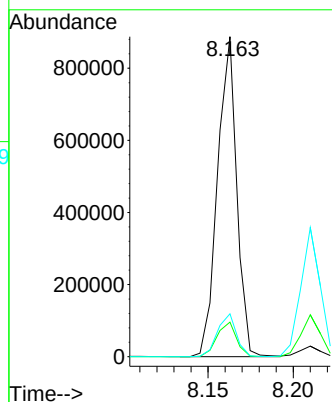
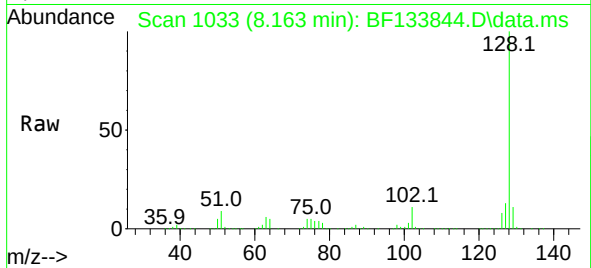
SSTDCCC040

Tgt Ion:128 Resp: 69718
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.5 15.7

Manual Integrations

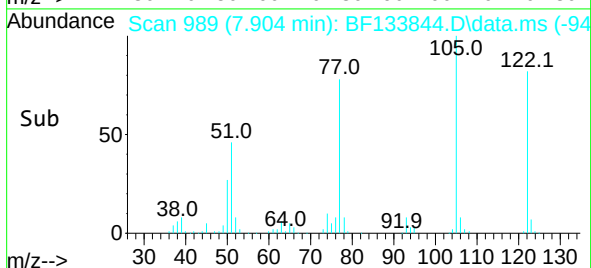
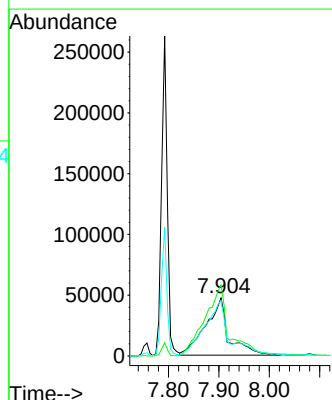
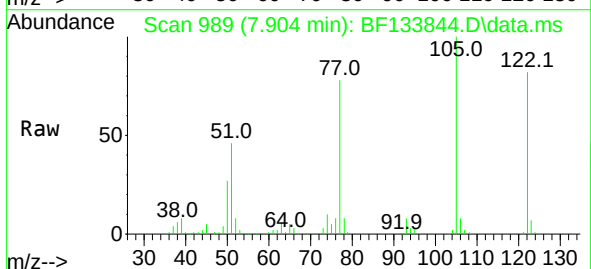
APPROVED

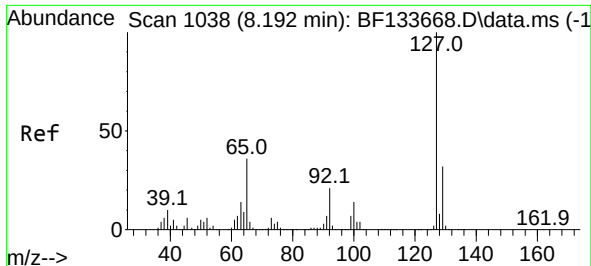
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#32
Benzoic acid
Concen: 46.270 ng m
RT: 7.904 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:122 Resp: 150073
Ion Ratio Lower Upper
122 100
105 122.5 116.3 156.3
77 95.8 82.4 122.4





#33
4-Chloroaniline
Concen: 39.150 ng
RT: 8.210 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

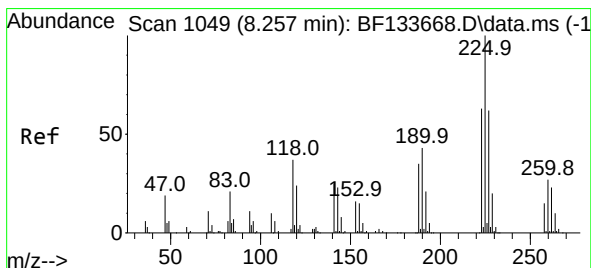
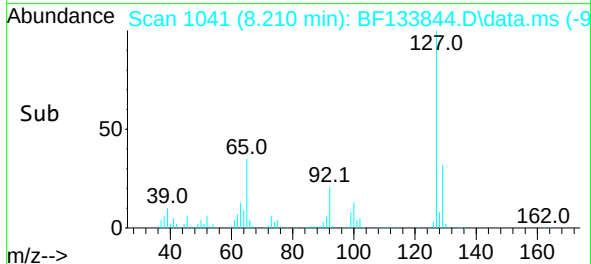
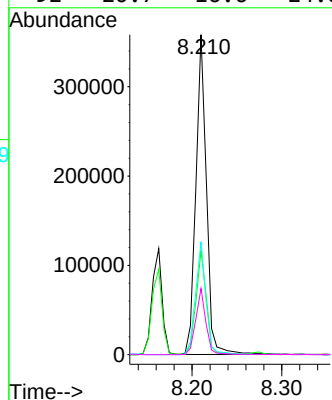
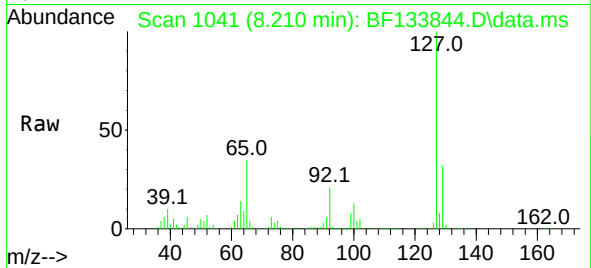
SSTDCCC040

Tgt Ion:127 Resp: 293295
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 35.3 28.9 43.3
92 20.7 16.6 24.8

Manual Integrations

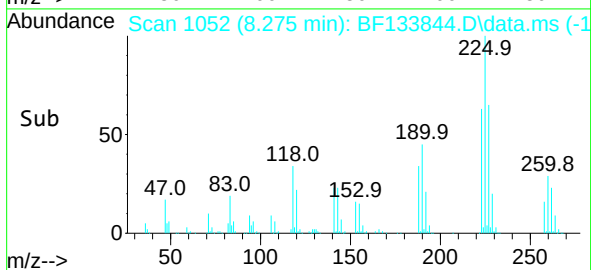
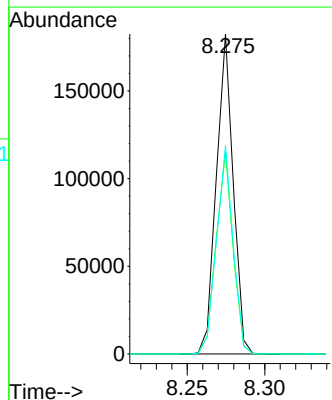
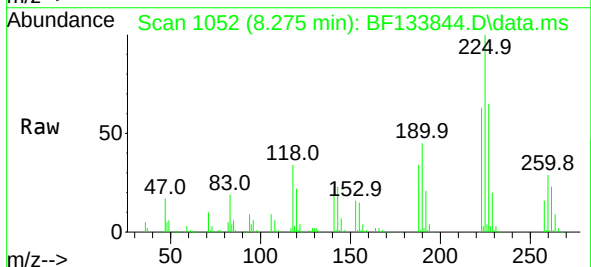
APPROVED

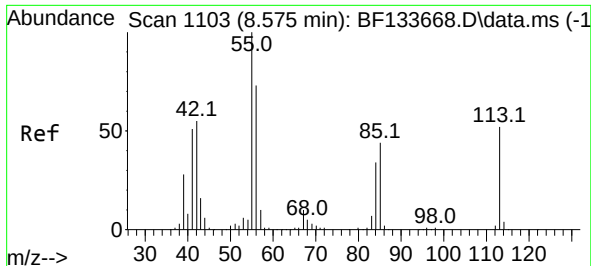
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#34
Hexachlorobutadiene
Concen: 40.024 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:225 Resp: 137804
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.4
227 65.2 49.5 74.3





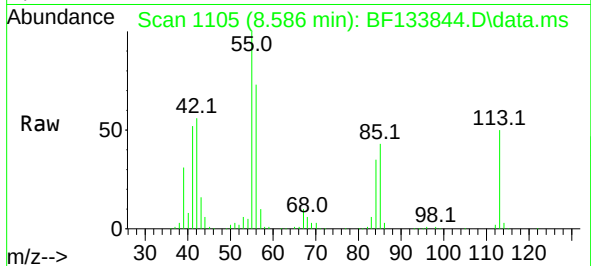
#35
Caprolactam
Concen: 37.484 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



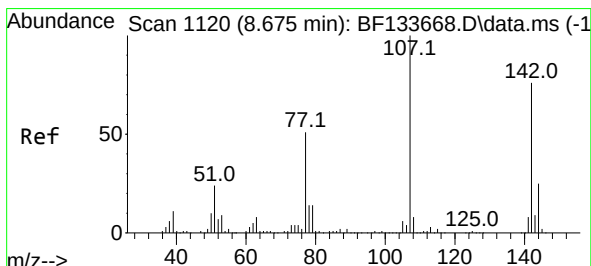
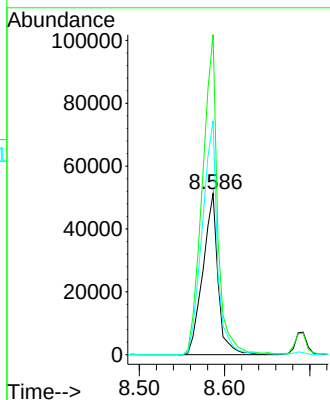
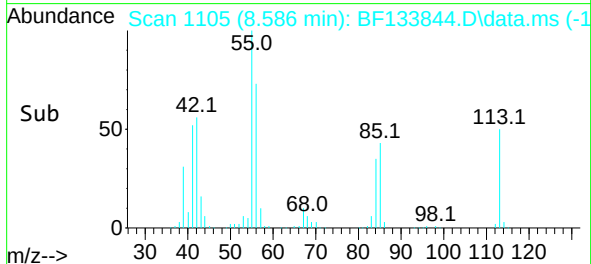
Tgt Ion:113 Resp: 63574
Ion Ratio Lower Upper
113 100
55 198.6 173.3 213.3
56 145.2 120.5 160.5

Manual Integrations

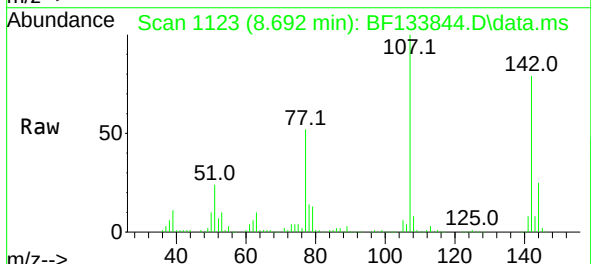
APPROVED

Reviewed By :Yogesh Patel 06/21/2023

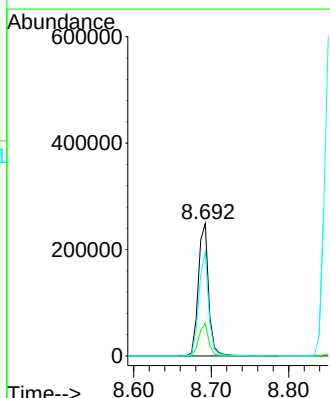
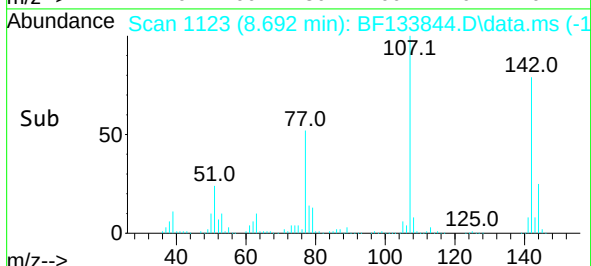
Supervised By :mohammad ahmed 06/21/2023

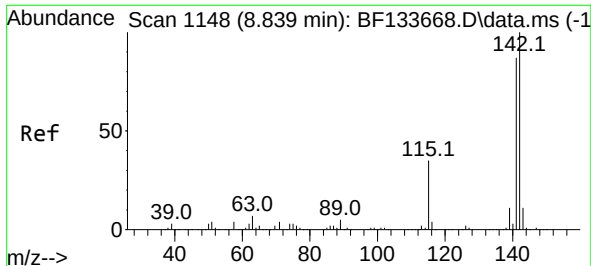


#36
4-Chloro-3-methylphenol
Concen: 39.634 ng
RT: 8.692 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:107 Resp: 230265
Ion Ratio Lower Upper
107 100
144 24.6 19.7 29.5
142 78.7 61.1 91.7





#37
2-Methylnaphthalene
Concen: 39.285 ng
RT: 8.851 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

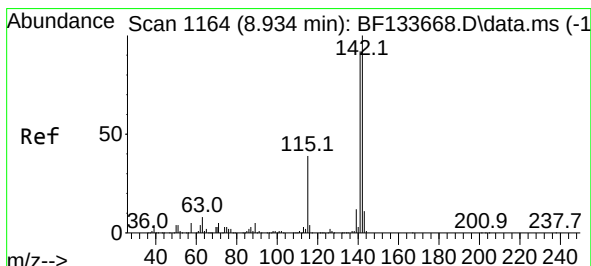
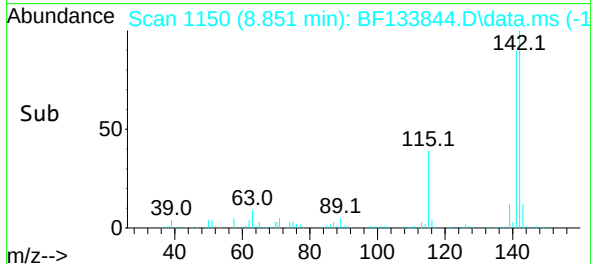
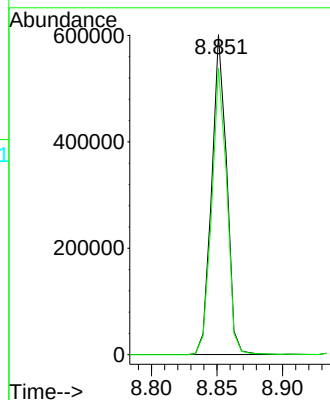
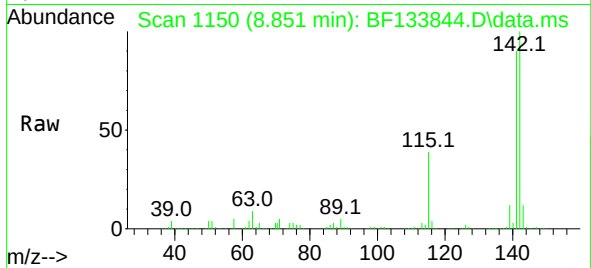
SSTDCCC040

Tgt Ion:142 Resp: 478235
Ion Ratio Lower Upper
142 100
141 89.5 69.8 104.8

Manual Integrations

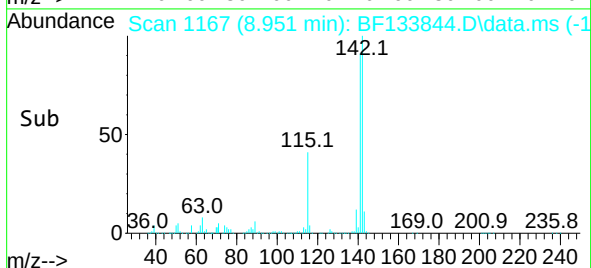
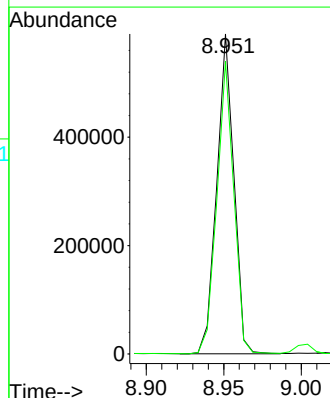
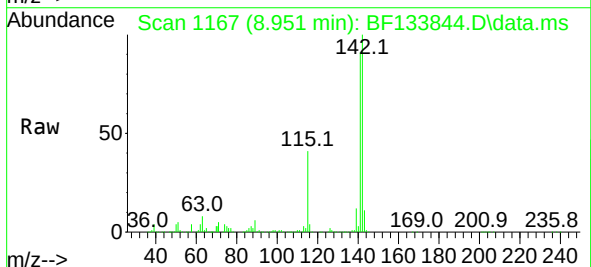
APPROVED

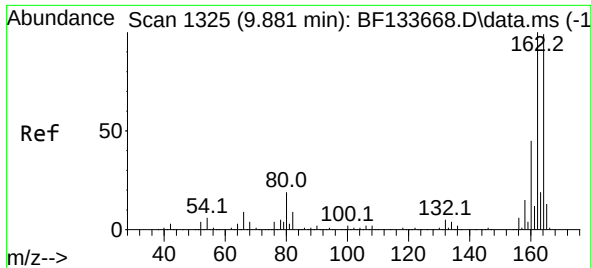
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#38
1-Methylnaphthalene
Concen: 40.485 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

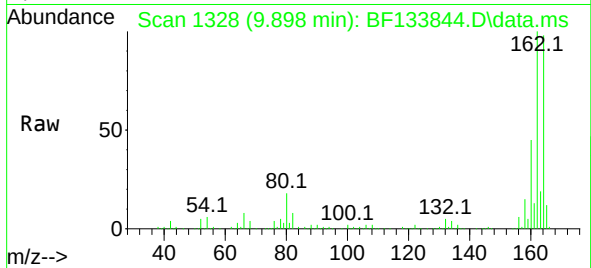
Tgt Ion:142 Resp: 453513
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

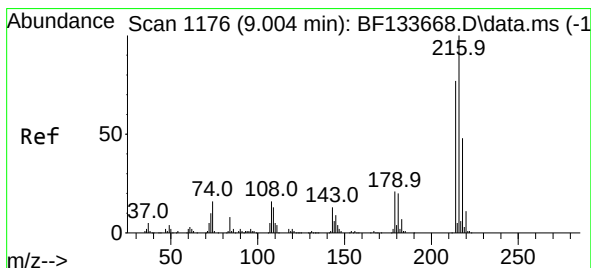
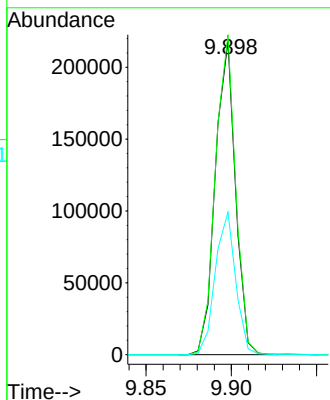
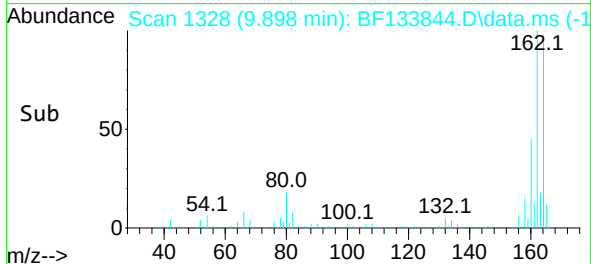
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 179640
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 45.5 36.7 55.1

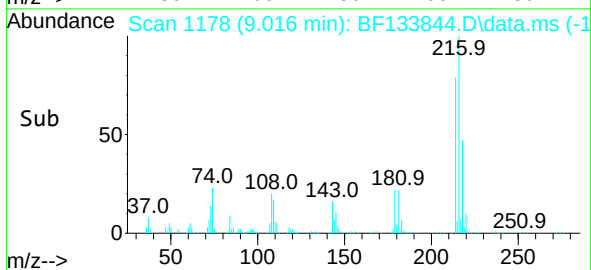
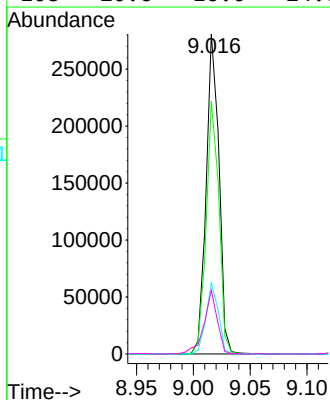
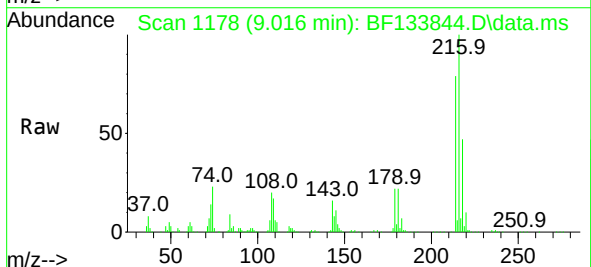
Manual Integrations
APPROVED

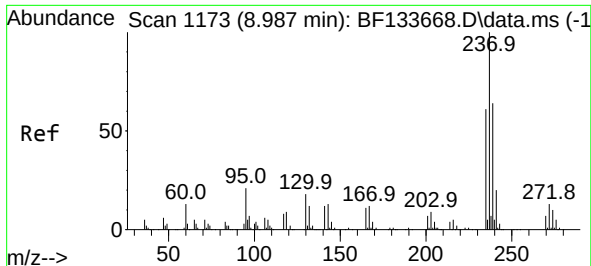
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.198 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

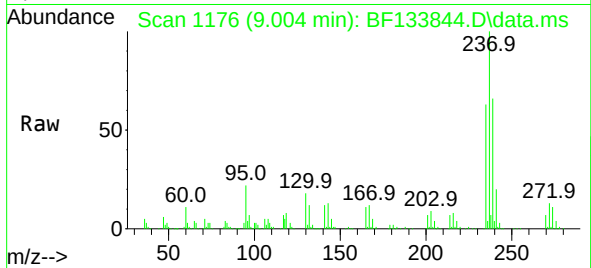
Tgt Ion:216 Resp: 219529
Ion Ratio Lower Upper
216 100
214 78.3 62.7 94.1
179 21.6 17.6 26.4
108 20.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 45.022 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

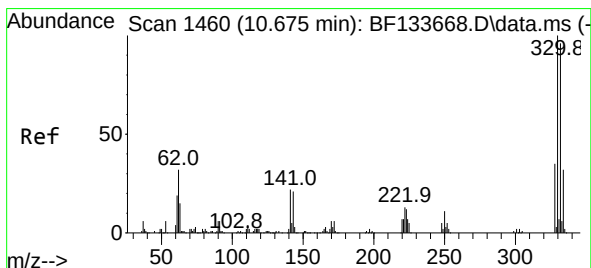
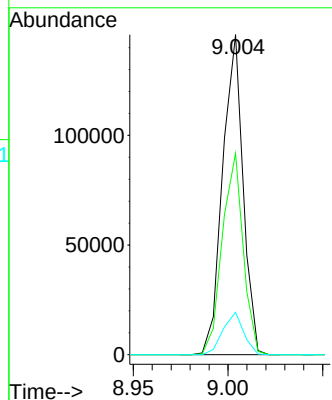
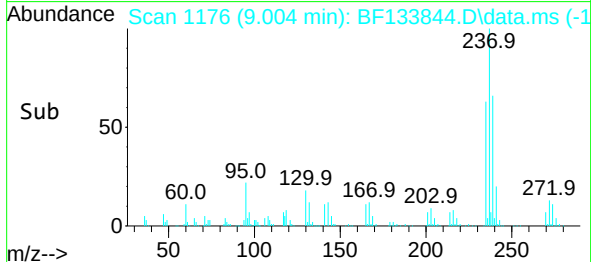
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



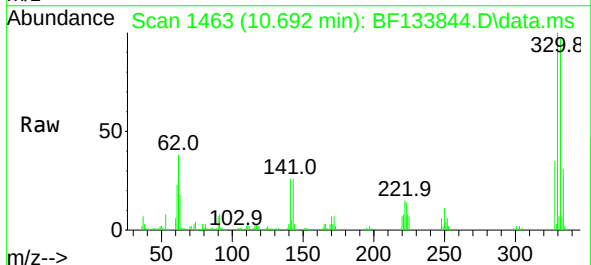
Tgt Ion: 237 Resp: 109569
Ion Ratio Lower Upper
237 100
235 62.9 40.6 80.6
272 13.2 0.0 32.6

Manual Integrations
APPROVED

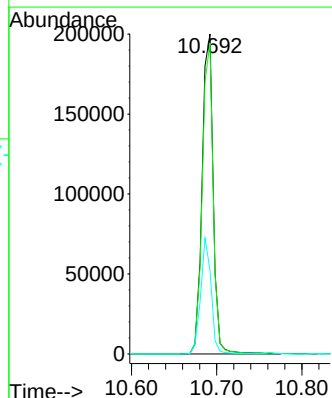
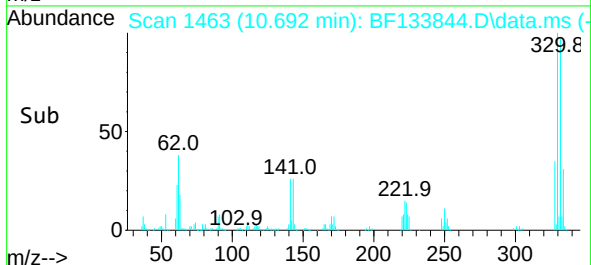
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

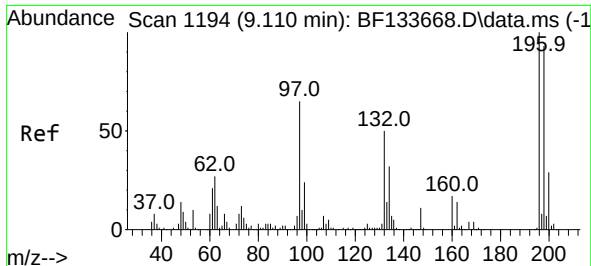


#42
2,4,6-Tribromophenol
Concen: 79.374 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion: 330 Resp: 180490
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 34.5 24.9 37.3





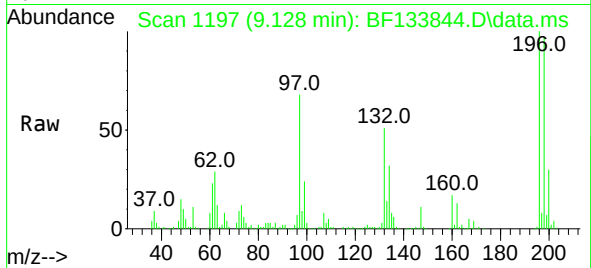
#43
2,4,6-Trichlorophenol
Concen: 40.422 ng
RT: 9.128 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

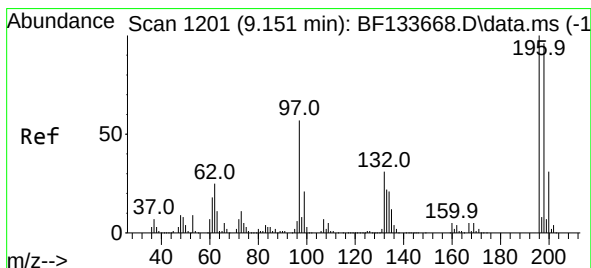
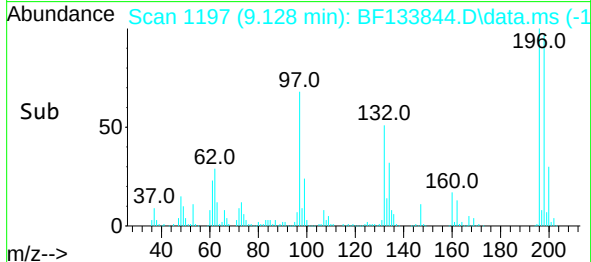
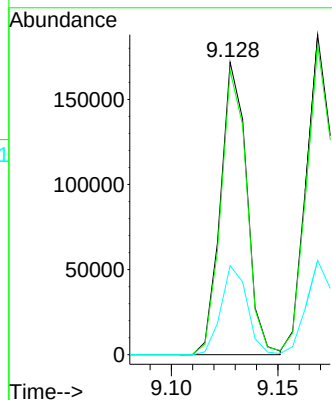


Tgt Ion:196 Resp: 147510
Ion Ratio Lower Upper
196 100
198 97.1 74.5 111.7
200 30.4 22.9 34.3

Manual Integrations

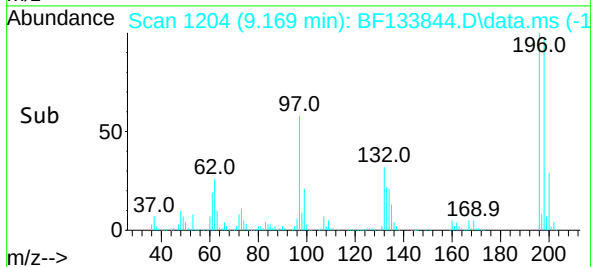
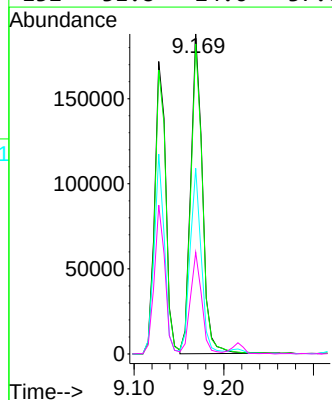
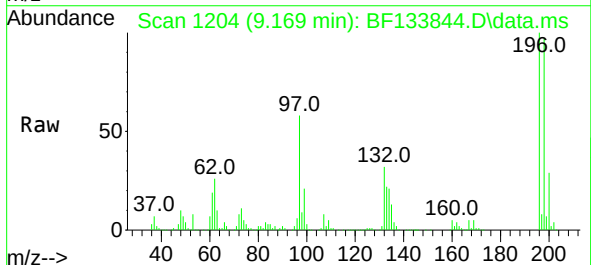
APPROVED

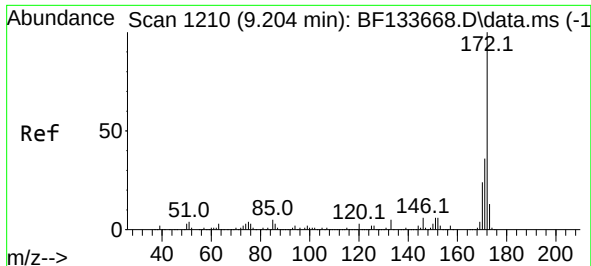
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#44
2,4,5-Trichlorophenol
Concen: 39.945 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:196 Resp: 169593
Ion Ratio Lower Upper
196 100
198 96.9 76.8 115.2
97 58.0 45.4 68.2
132 31.8 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 80.515 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

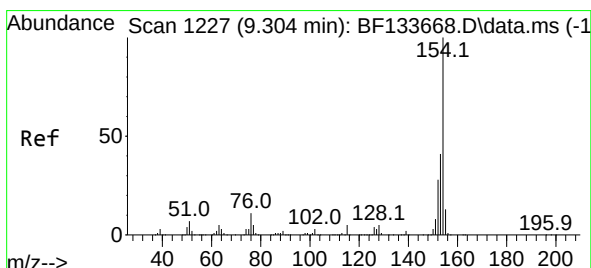
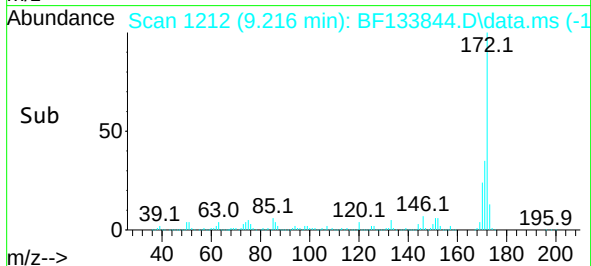
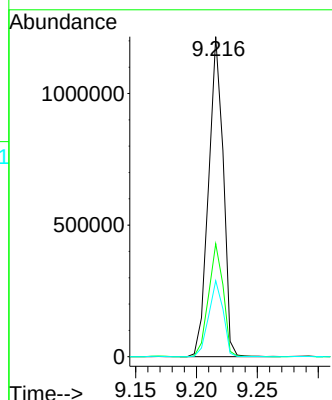
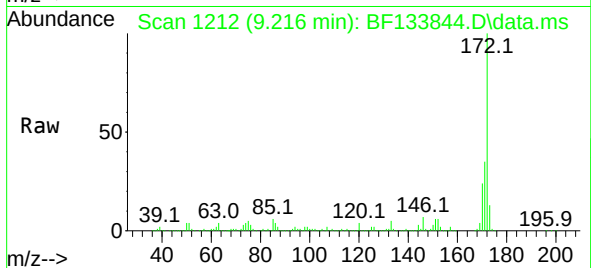
SSTDCCC040

Tgt Ion:172 Resp: 101748
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.1 28.7

Manual Integrations

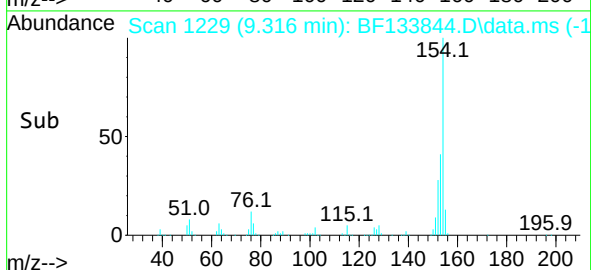
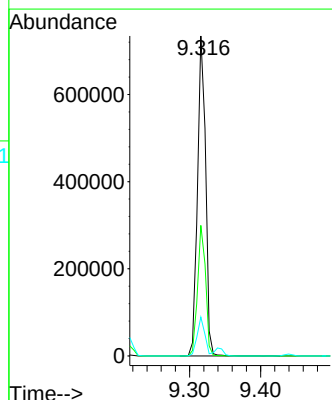
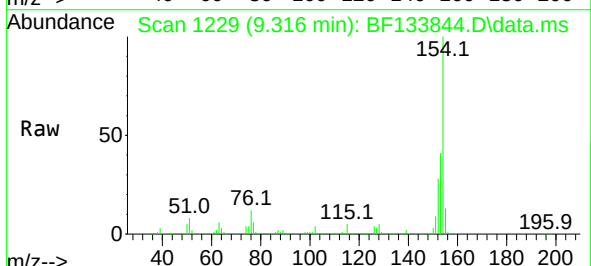
APPROVED

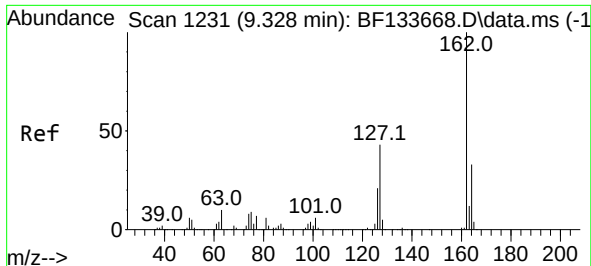
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#46
1,1'-Biphenyl
Concen: 40.432 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:154 Resp: 585782
Ion Ratio Lower Upper
154 100
153 40.8 20.6 60.6
76 12.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.227 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 418062

Ion Ratio Lower Upper

162 100

127 41.1 34.6 52.0

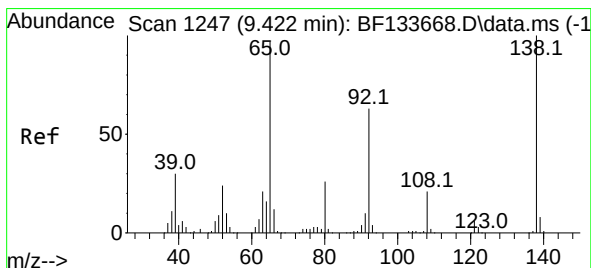
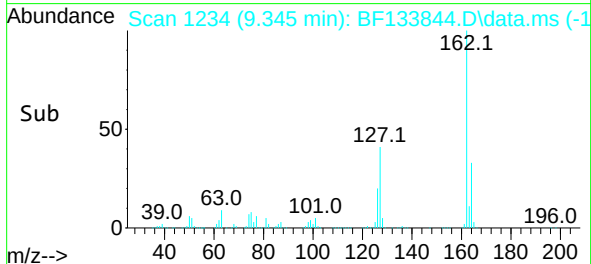
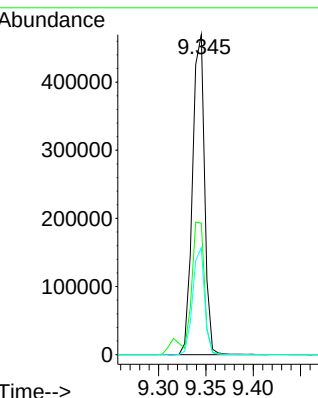
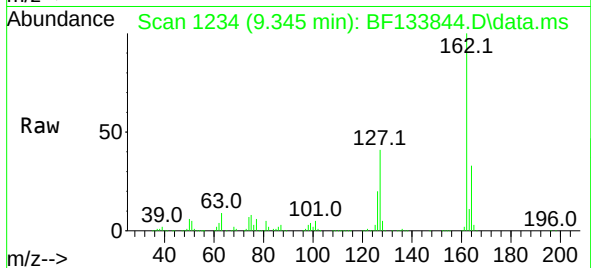
164 33.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#48

2-Nitroaniline

Concen: 41.327 ng

RT: 9.439 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

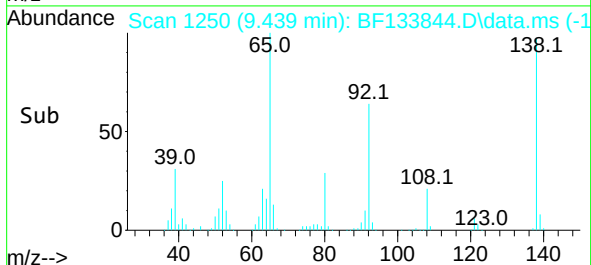
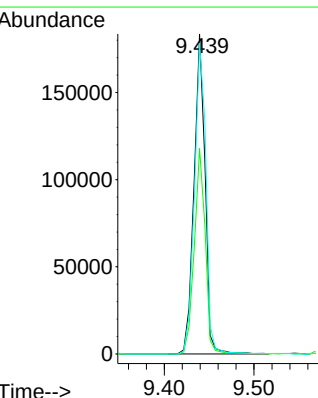
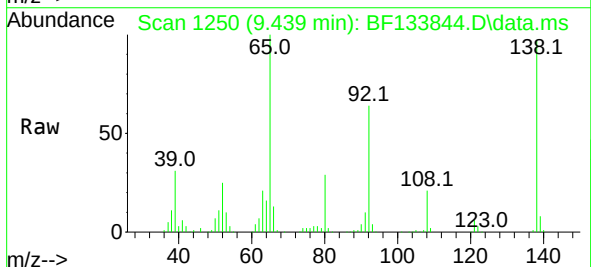
Tgt Ion: 65 Resp: 157078

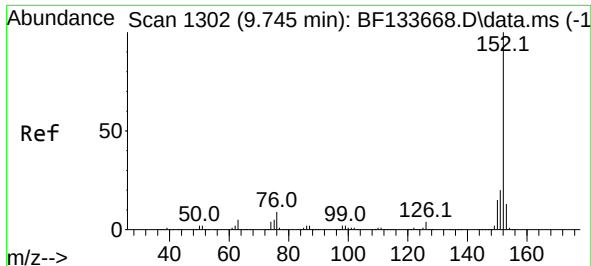
Ion Ratio Lower Upper

65 100

92 64.2 51.8 77.6

138 97.2 82.1 123.1





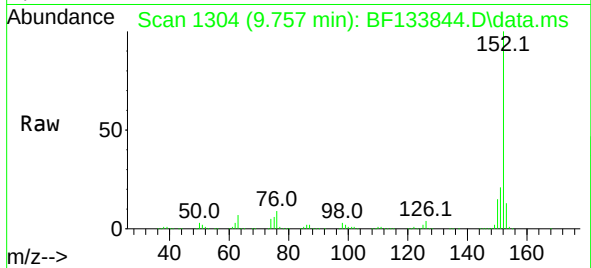
#49
Acenaphthylene
Concen: 40.211 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



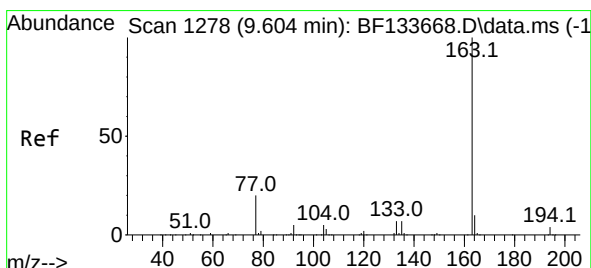
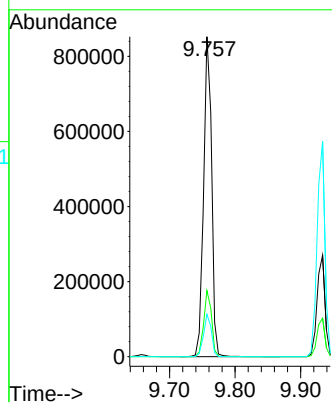
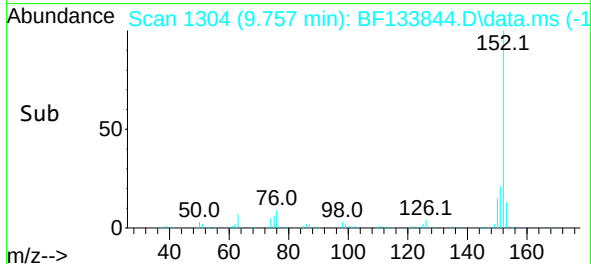
Tgt Ion:152 Resp: 72735
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.2 10.4 15.6

Manual Integrations

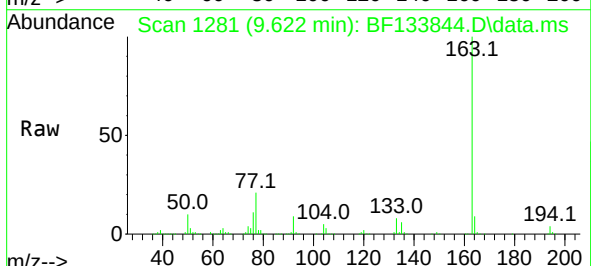
APPROVED

Reviewed By :Yogesh Patel 06/21/2023

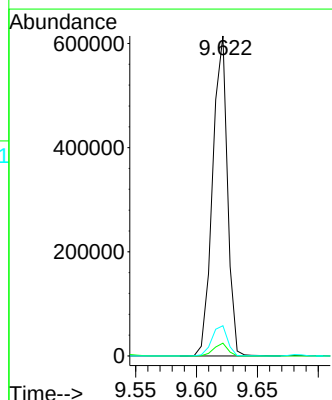
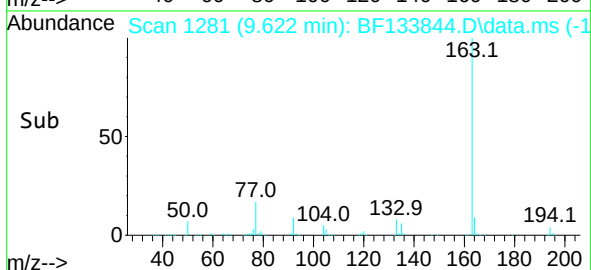
Supervised By :mohammad ahmed 06/21/2023

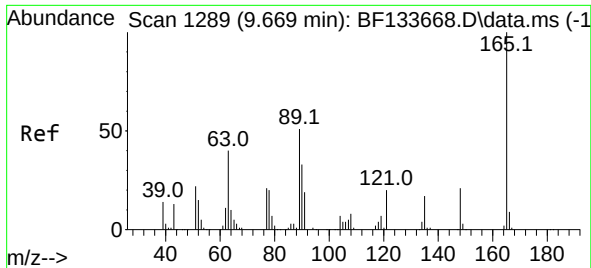


#50
Dimethylphthalate
Concen: 38.716 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:163 Resp: 519136
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.5 8.0 12.0





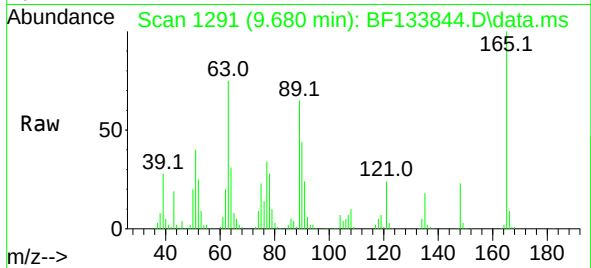
#51
2,6-Dinitrotoluene
Concen: 41.347 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

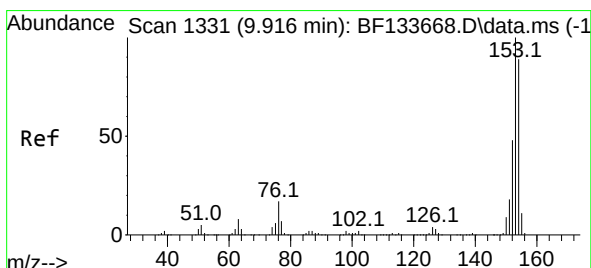
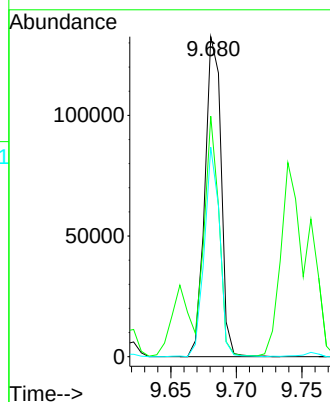
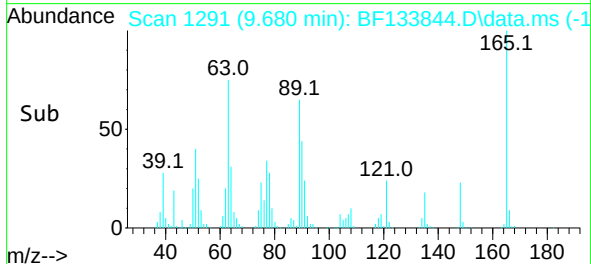


Tgt Ion:165 Resp: 114435
Ion Ratio Lower Upper
165 100
63 75.2 42.1 63.13
89 65.5 40.9 61.35

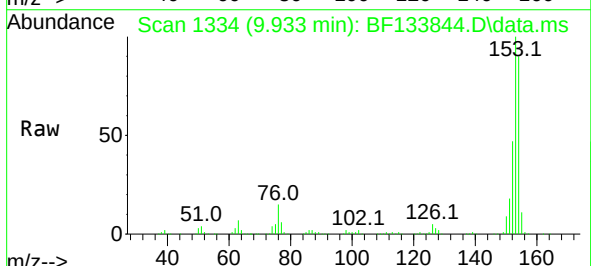
Manual Integrations

APPROVED

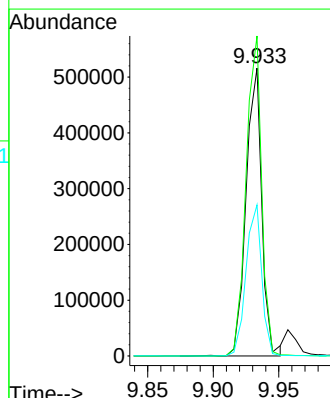
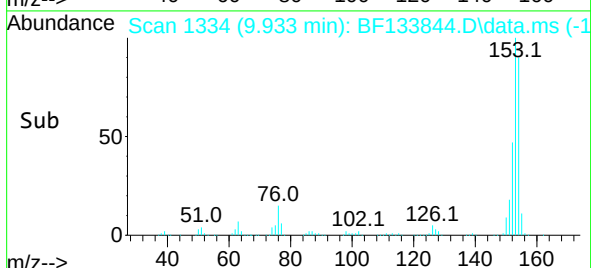
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

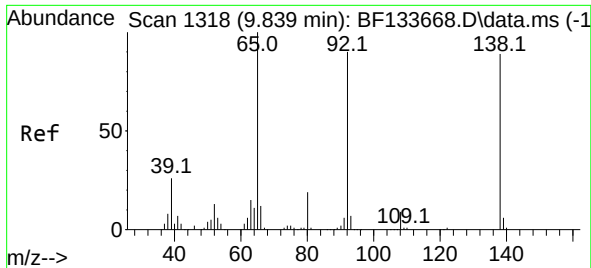


#52
Acenaphthene
Concen: 40.705 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:154 Resp: 430972
Ion Ratio Lower Upper
154 100
153 111.2 89.8 134.8
152 52.5 43.4 65.2





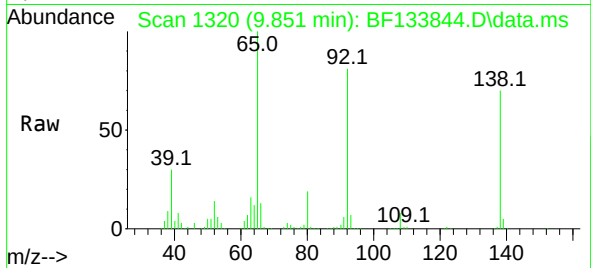
#53
3-Nitroaniline
Concen: 39.188 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

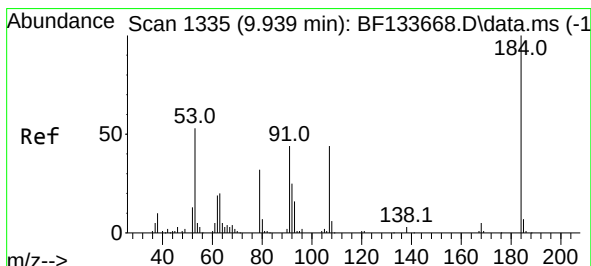
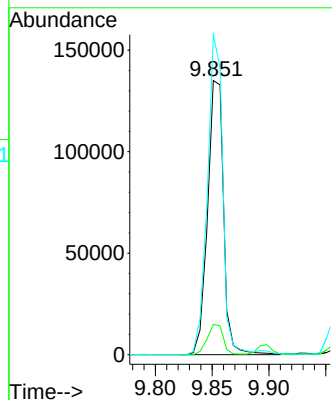
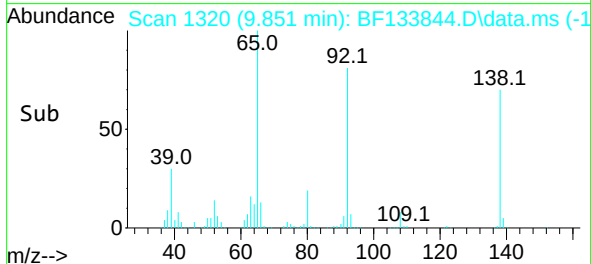


Tgt Ion:138 Resp: 131988
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.4
92 116.8 81.0 121.6

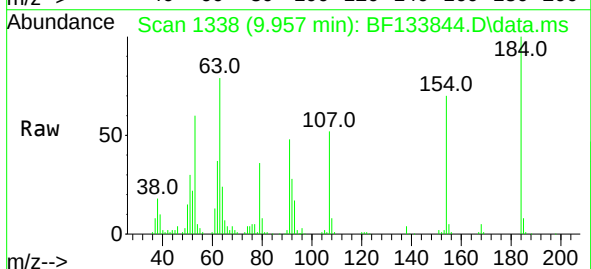
Manual Integrations

APPROVED

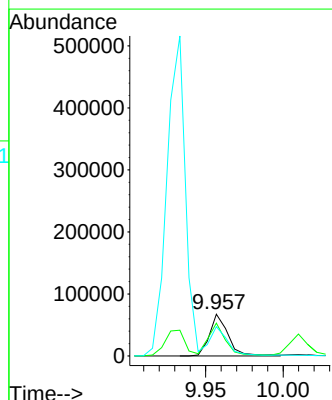
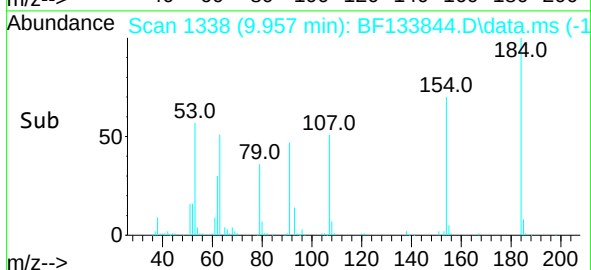
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

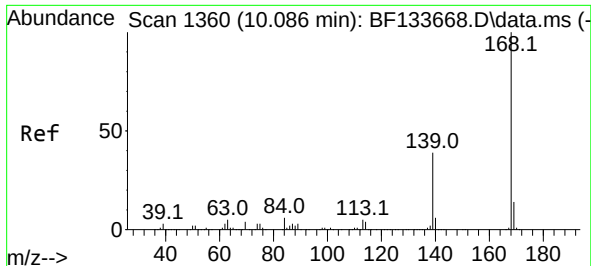


#54
2,4-Dinitrophenol
Concen: 44.339 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:184 Resp: 56255
Ion Ratio Lower Upper
184 100
63 78.6 55.3 82.9
154 69.9 51.9 77.9





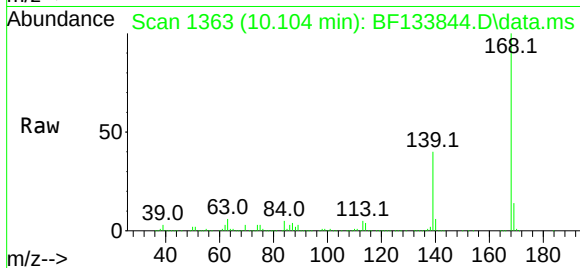
#55
Dibenzenofuran
Concen: 40.394 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

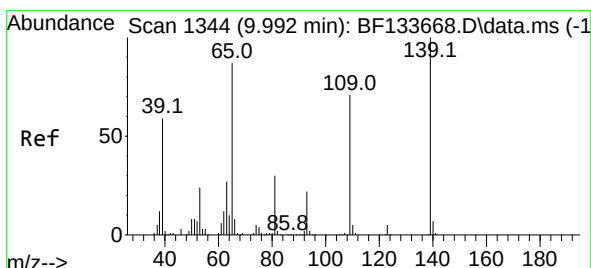
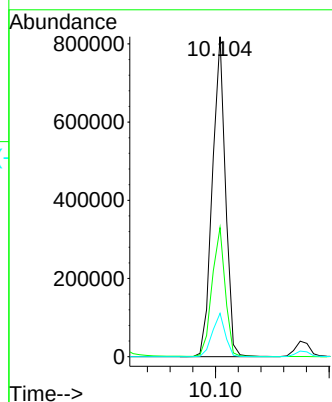
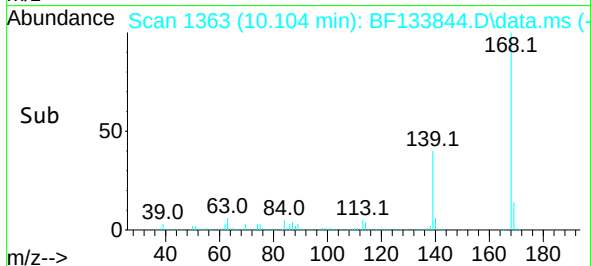


Tgt Ion:168 Resp: 652598
Ion Ratio Lower Upper
168 100
139 40.4 30.9 46.3
169 13.5 10.9 16.3

Manual Integrations

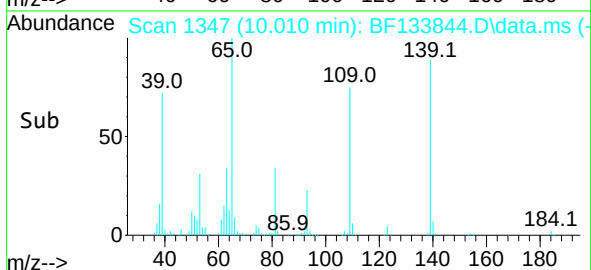
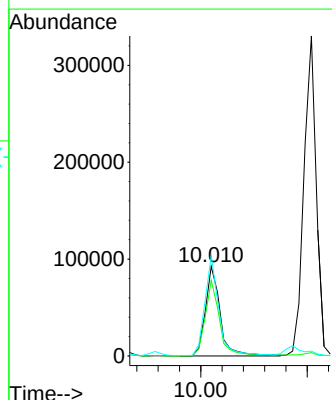
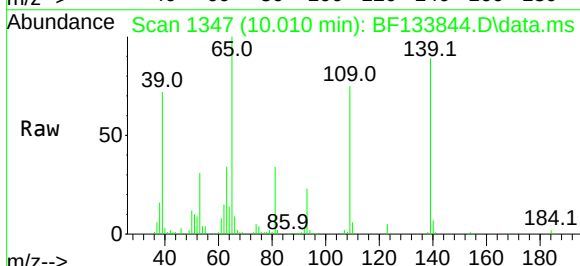
APPROVED

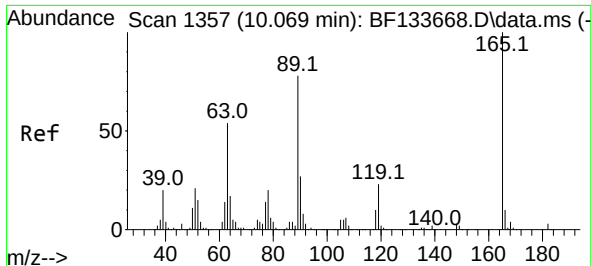
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#56
4-Nitrophenol
Concen: 39.187 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:139 Resp: 89076
Ion Ratio Lower Upper
139 100
109 84.4 50.7 90.7
65 111.8 67.1 107.1#





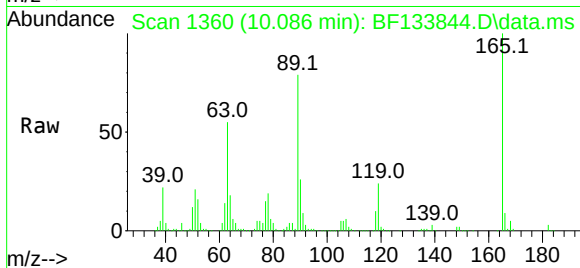
#57
2,4-Dinitrotoluene
Concen: 42.700 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

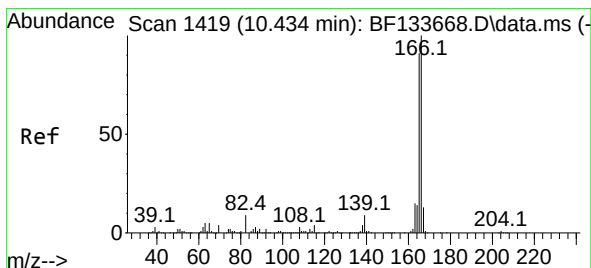
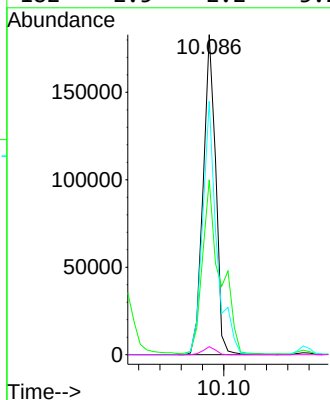
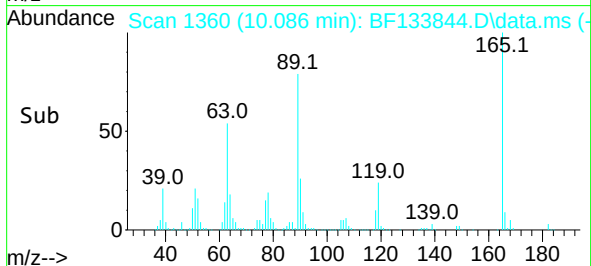


Tgt Ion:165 Resp: 150302
Ion Ratio Lower Upper
165 100
63 54.7 43.0 64.6
89 79.2 62.6 93.8
182 2.5 2.2 3.2

Manual Integrations

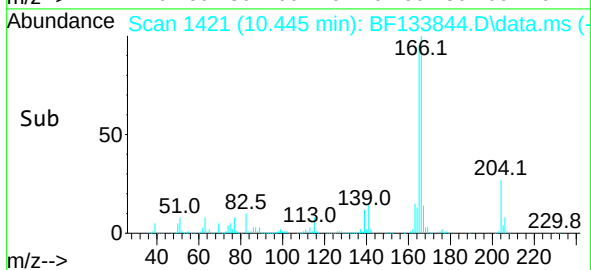
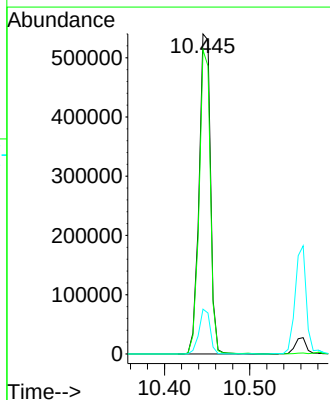
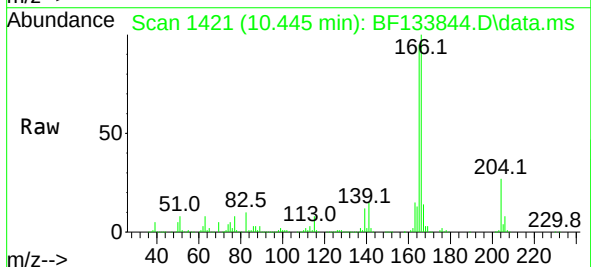
APPROVED

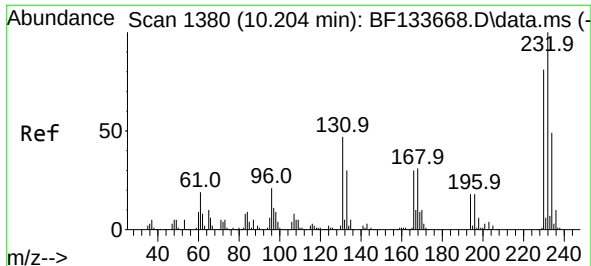
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#58
Fluorene
Concen: 40.665 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

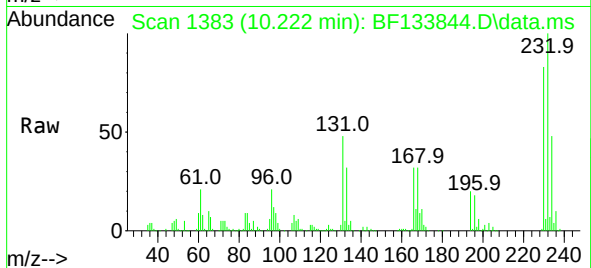
Tgt Ion:166 Resp: 502410
Ion Ratio Lower Upper
166 100
165 95.0 73.1 109.7
167 14.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.346 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

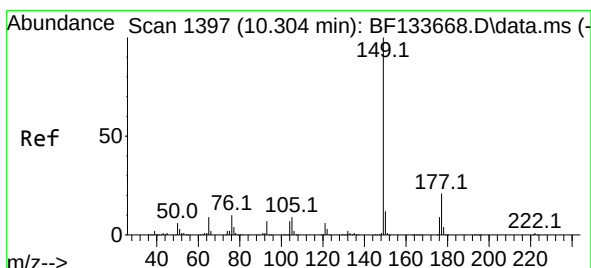
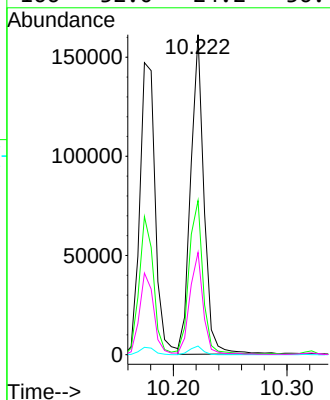
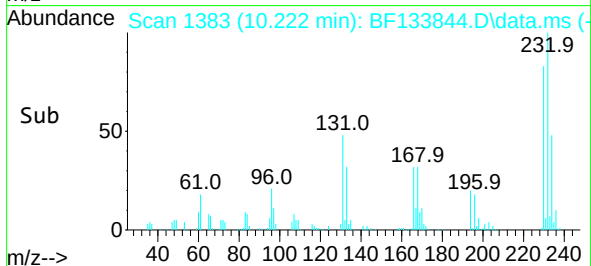
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



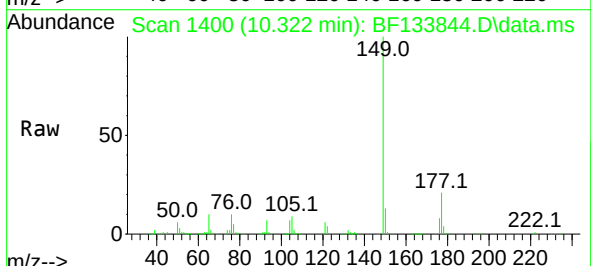
Tgt Ion:232 Resp: 131424
Ion Ratio Lower Upper
232 100
131 50.1 38.0 57.0
130 2.6 1.8 2.8
166 32.0 24.2 36.4

Manual Integrations
APPROVED

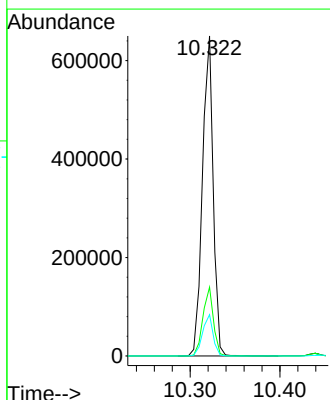
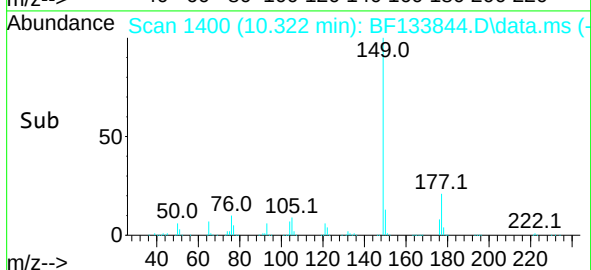
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

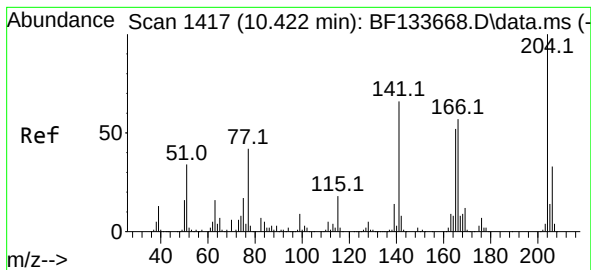


#60
Diethylphthalate
Concen: 39.550 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:149 Resp: 539736
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.9 10.0 15.0





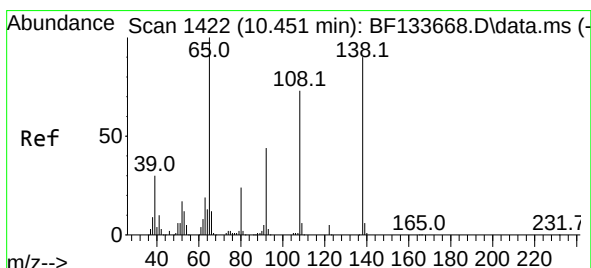
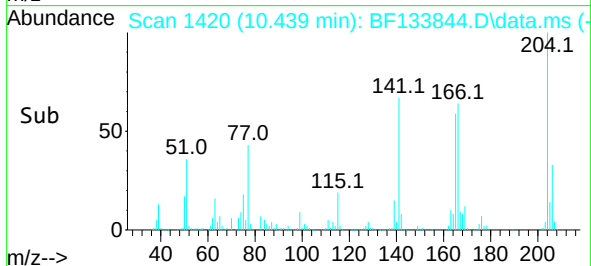
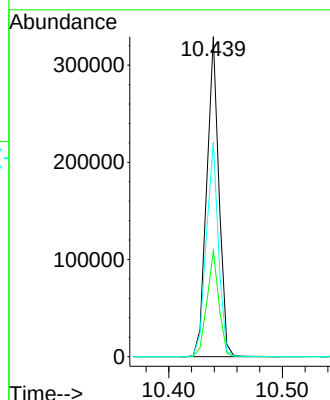
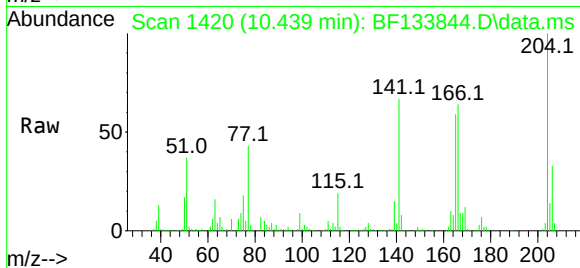
#61
4-Chlorophenyl-phenylether
Concen: 40.221 ng
RT: 10.439 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 245317
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 67.1 52.8 79.2

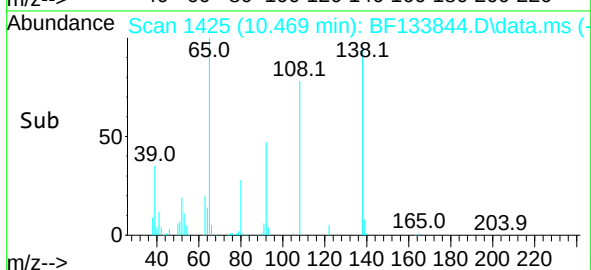
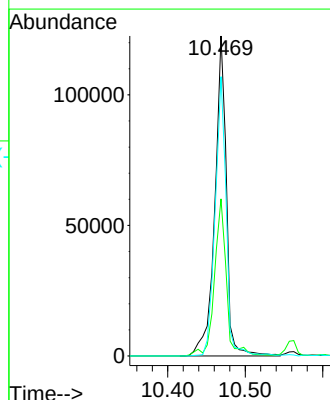
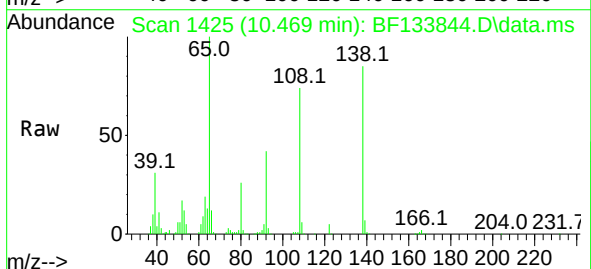
Manual Integrations
APPROVED

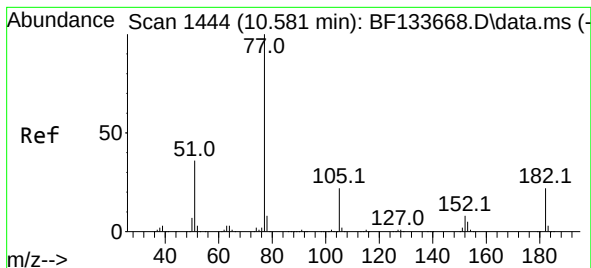
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#62
4-Nitroaniline
Concen: 38.581 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Tgt Ion:138 Resp: 127407
Ion Ratio Lower Upper
138 100
92 49.1 28.9 68.9
108 87.3 61.0 101.0





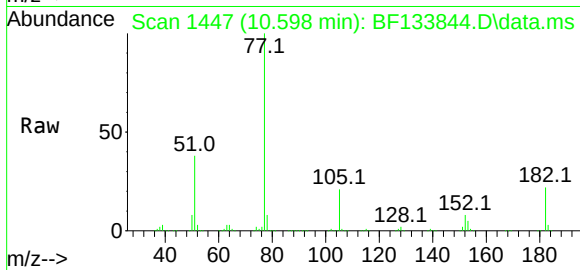
#63
Azobenzene
Concen: 40.167 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

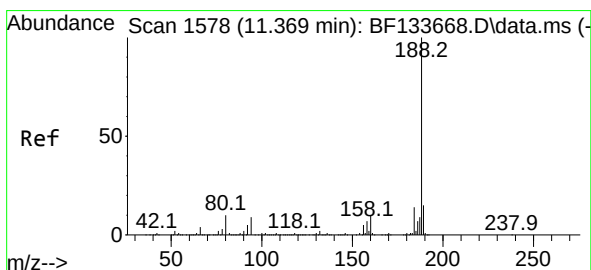
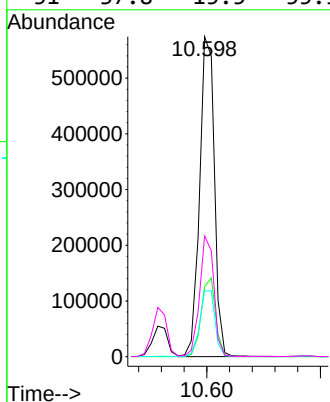
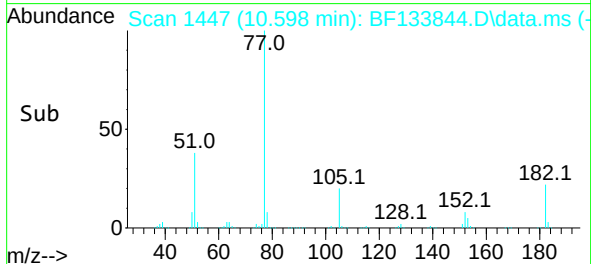


Tgt Ion: 77 Resp: 518924
Ion Ratio Lower Upper
77 100
182 21.8 1.6 41.6
105 20.5 1.6 41.6
51 37.8 15.5 55.5

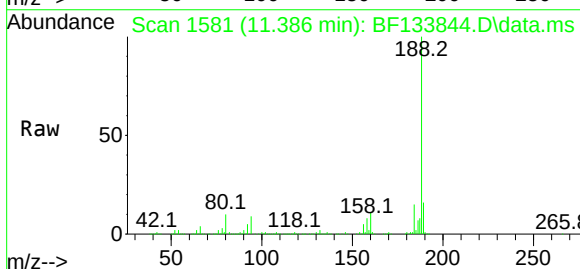
Manual Integrations

APPROVED

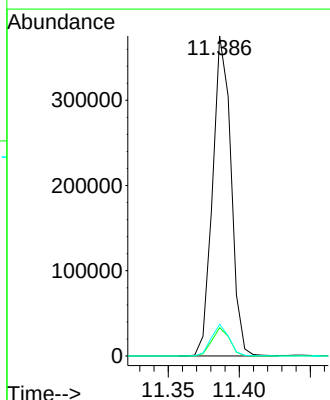
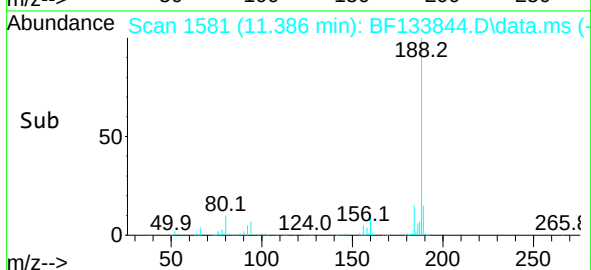
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

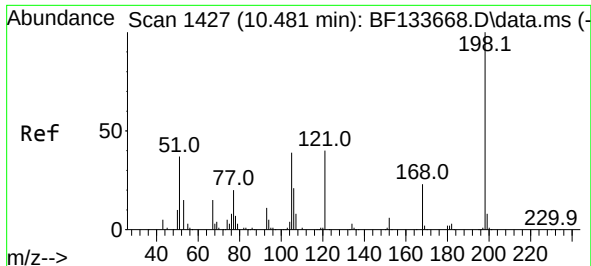


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:188 Resp: 337571
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.9 7.8 11.6





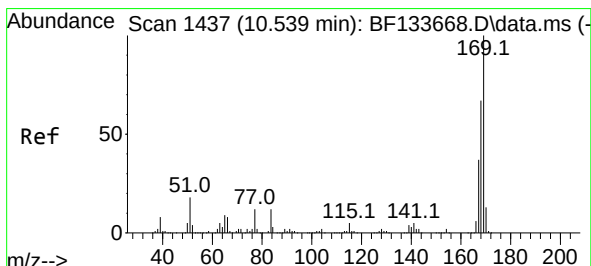
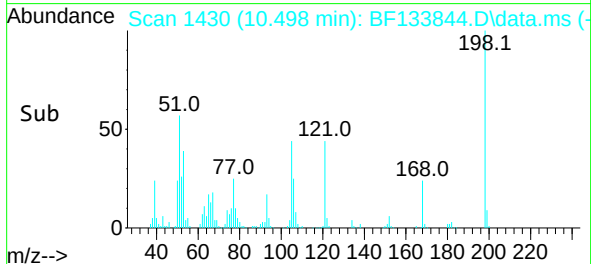
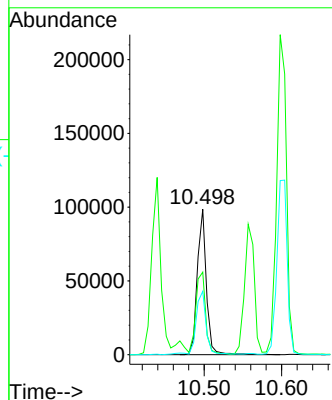
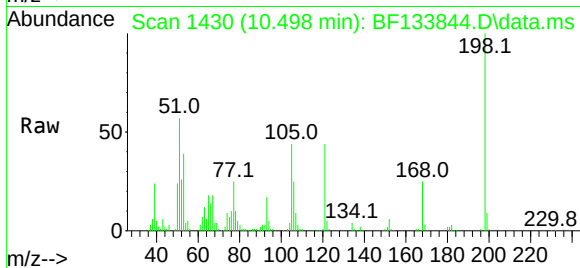
#65
4,6-Dinitro-2-methylphenol
Concen: 49.549 ng
RT: 10.498 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 7992
Ion Ratio Lower Upper
198 100
51 56.8 27.5 67.5
105 43.6 21.0 61.0

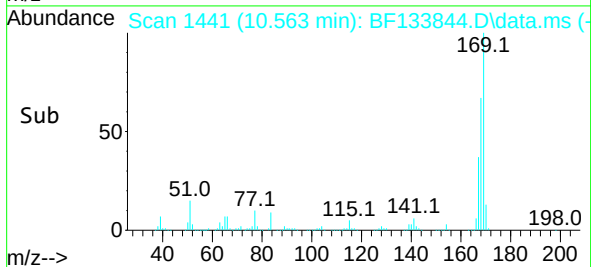
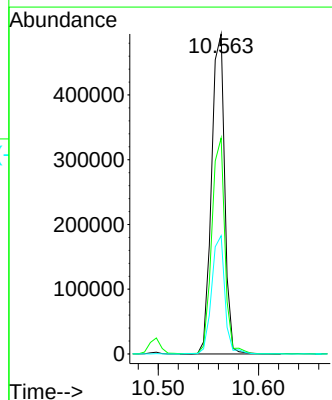
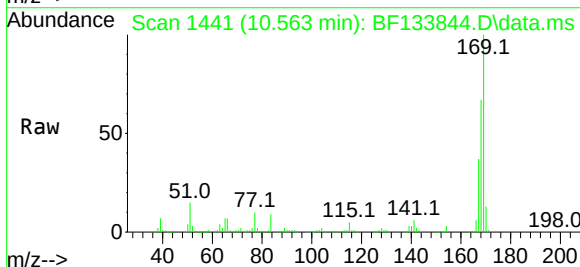
Manual Integrations
APPROVED

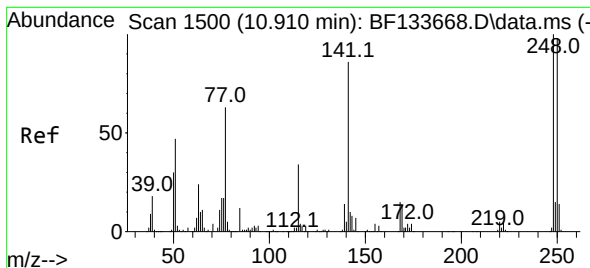
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#66
n-Nitrosodiphenylamine
Concen: 39.602 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

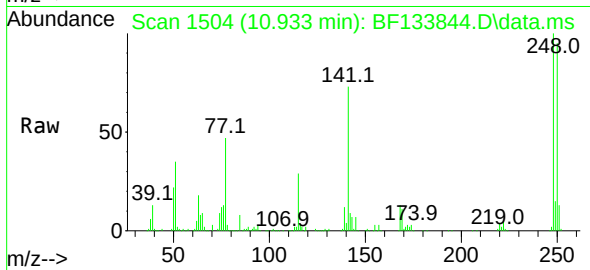
Tgt Ion:169 Resp: 449048
Ion Ratio Lower Upper
169 100
168 67.5 53.7 80.5
167 36.9 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 40.047 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

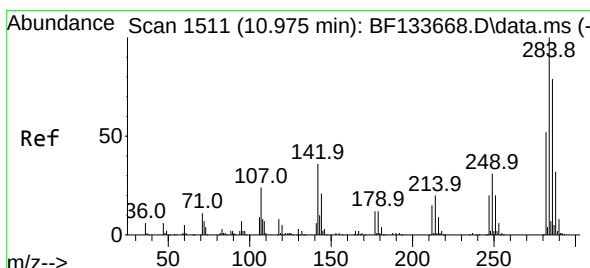
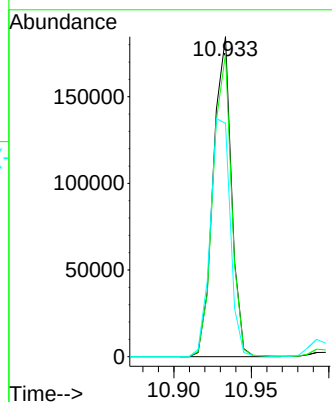
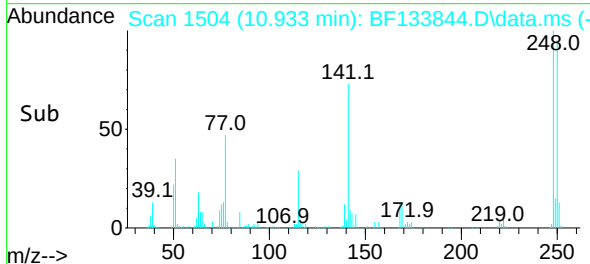
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



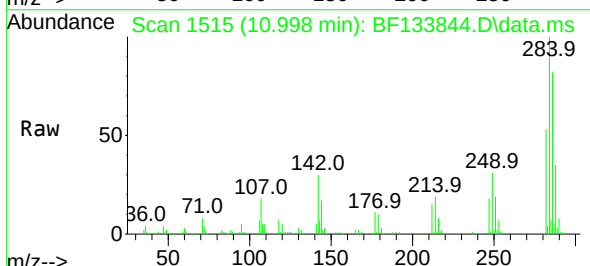
Tgt Ion:248 Resp: 15088
Ion Ratio Lower Upper
248 100
250 94.6 78.3 117.5
141 73.0 69.0 103.6

Manual Integrations
APPROVED

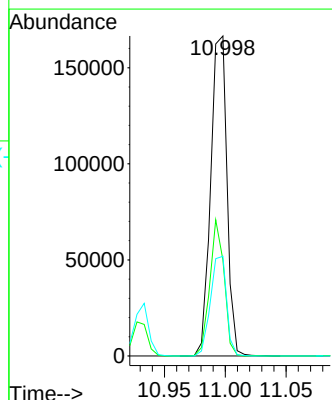
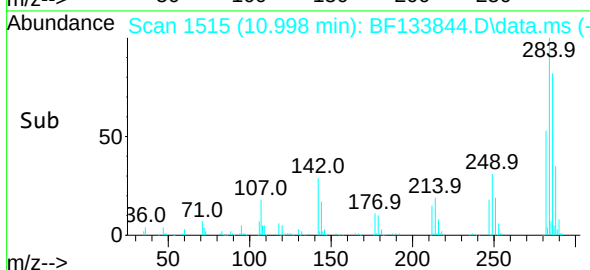
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

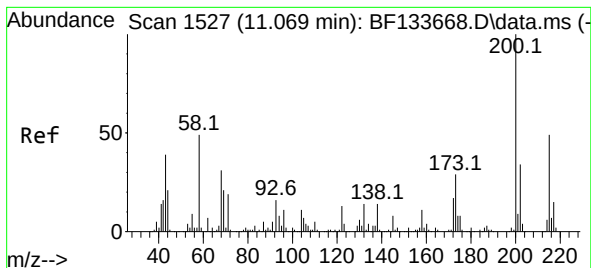


#68
Hexachlorobenzene
Concen: 39.034 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:284 Resp: 154656
Ion Ratio Lower Upper
284 100
142 29.9 28.6 42.8
249 31.2 24.6 36.8





#69

Atrazine

Concen: 37.761 ng

RT: 11.086 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 12423

Ion Ratio Lower Upper

200 100

173 26.5 8.7 48.7

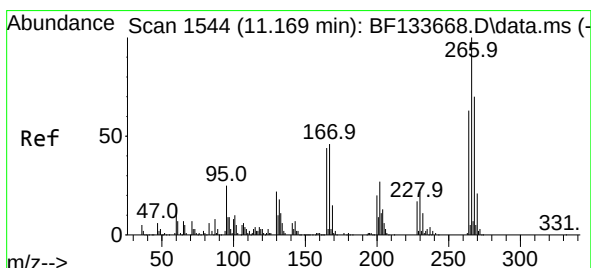
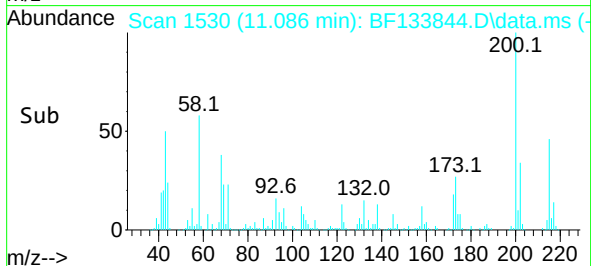
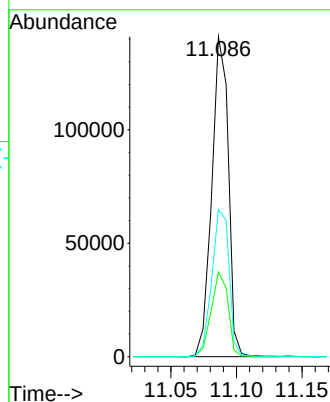
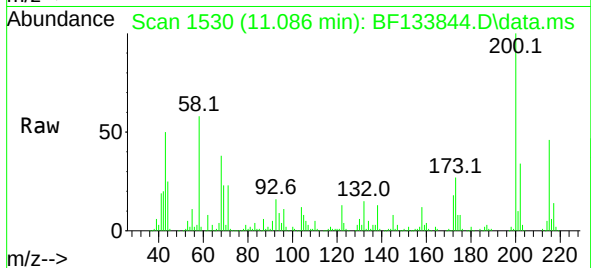
215 46.0 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#70

Pentachlorophenol

Concen: 40.925 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

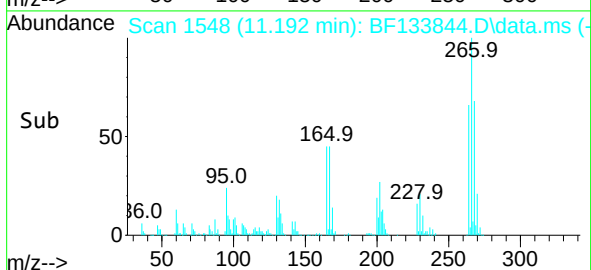
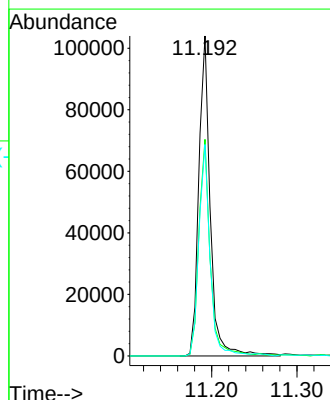
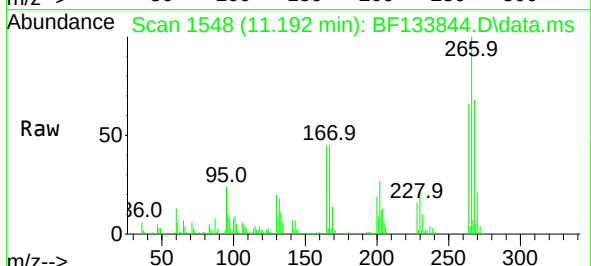
Tgt Ion:266 Resp: 97095

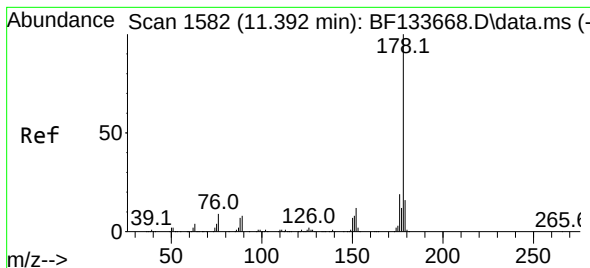
Ion Ratio Lower Upper

266 100

268 67.7 55.7 83.5

264 66.1 50.7 76.1





#71

Phenanthrene

Concen: 39.831 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 682174

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

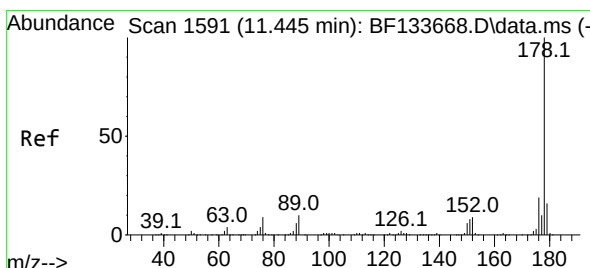
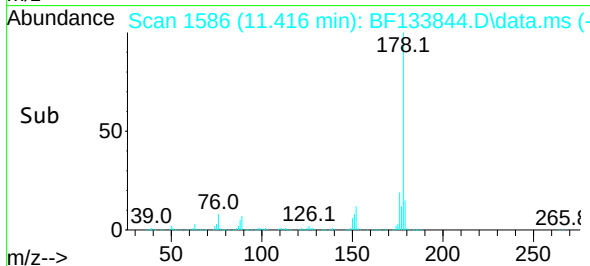
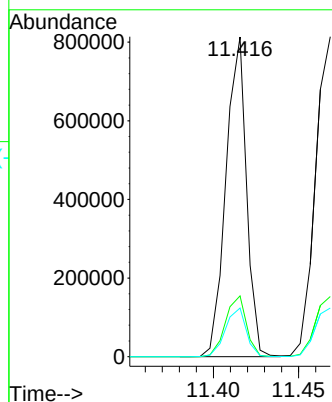
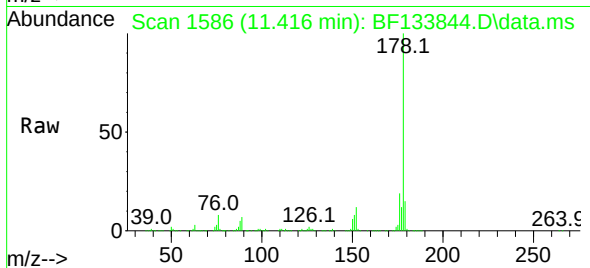
179 15.2 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#72

Anthracene

Concen: 39.530 ng

RT: 11.469 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

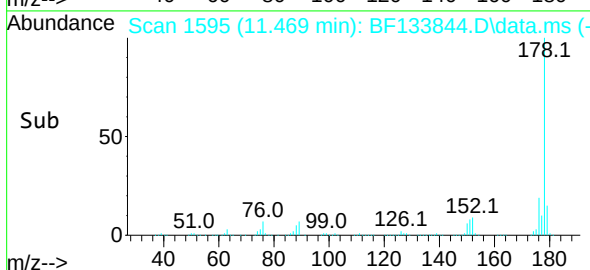
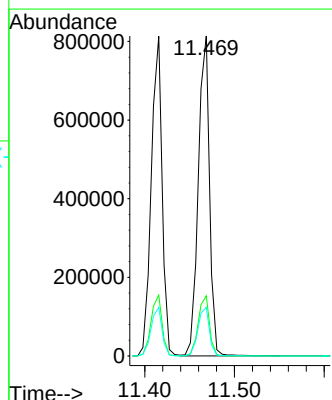
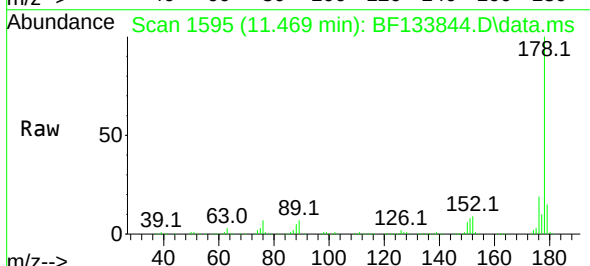
Tgt Ion:178 Resp: 705912

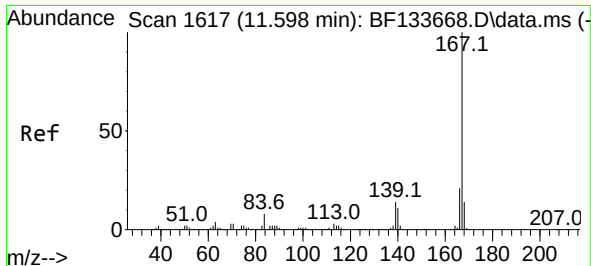
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.2 12.6 18.8





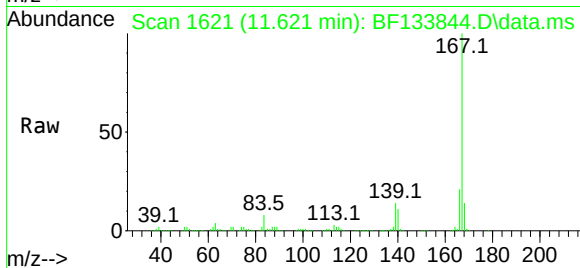
#73
 Carbazole
 Concen: 37.936 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF133844.D
 Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



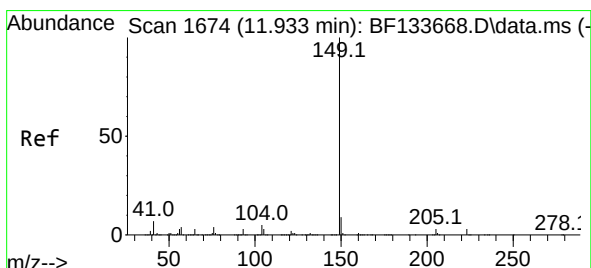
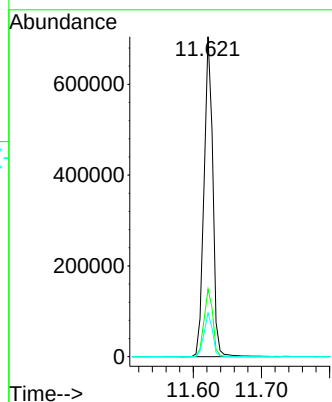
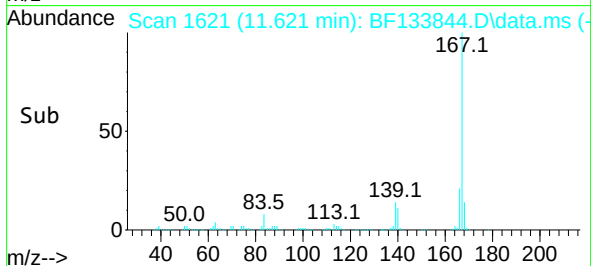
Tgt Ion:167 Resp: 630954
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.7 11.2 16.8

Manual Integrations

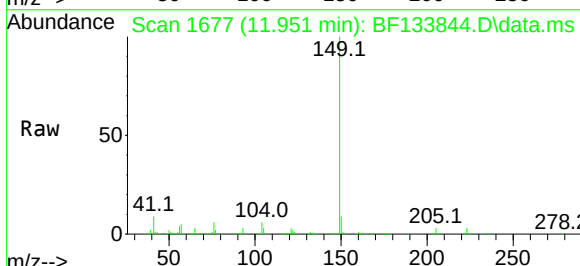
APPROVED

Reviewed By :Yogesh Patel 06/21/2023

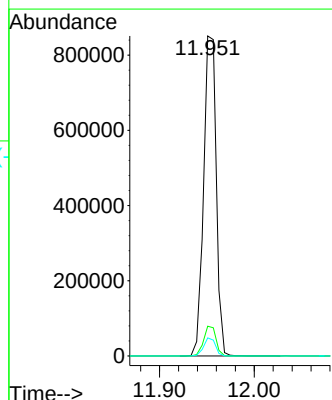
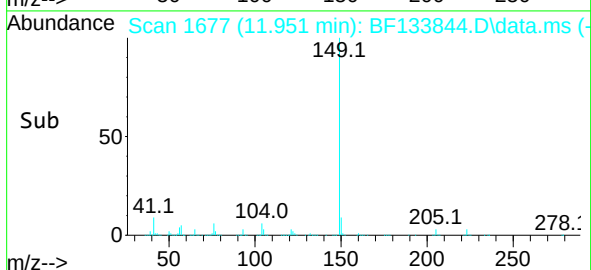
Supervised By :mohammad ahmed 06/21/2023

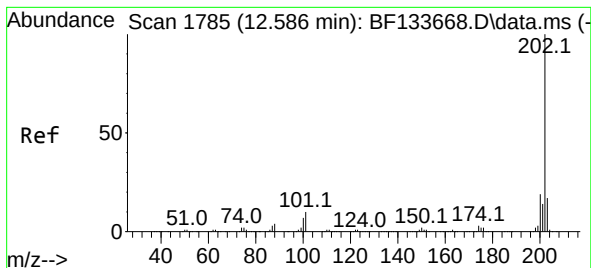


#74
 Di-n-butylphthalate
 Concen: 36.939 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF133844.D
 Acq: 20 Jun 2023 08:29



Tgt Ion:149 Resp: 787619
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.7 3.8 5.8





#75

Fluoranthene

Concen: 38.276 ng

RT: 12.610 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF133844.D

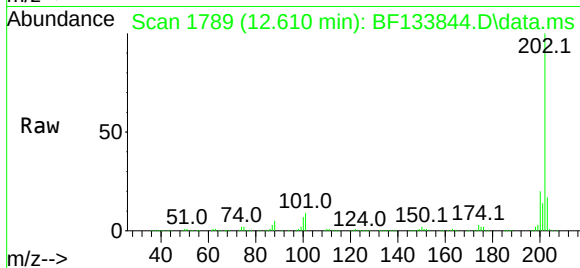
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:202 Resp: 696140

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.6

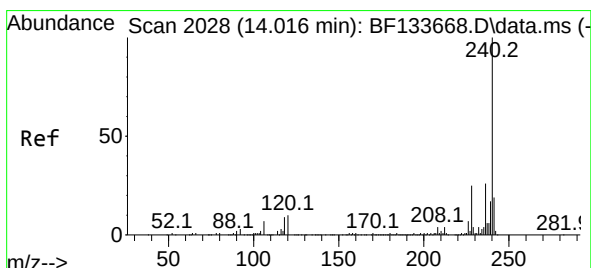
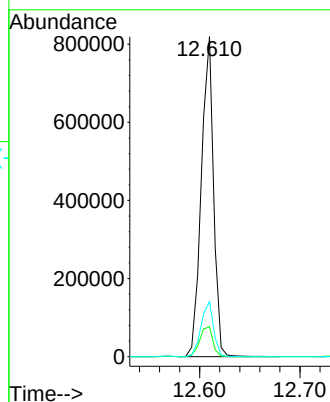
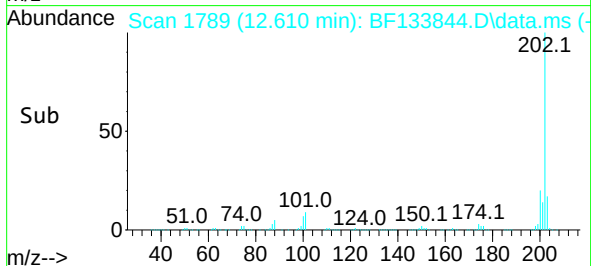
203 17.2 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

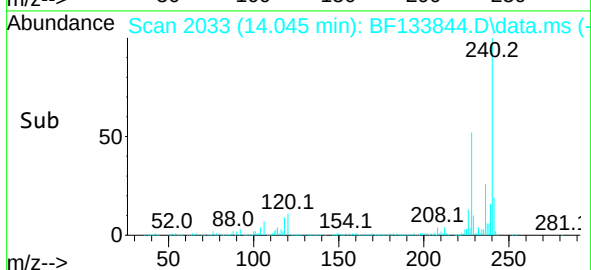
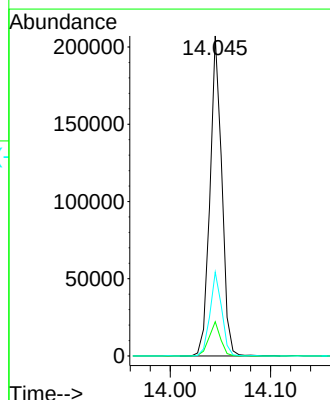
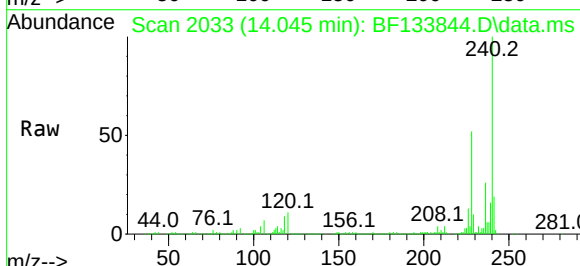
Tgt Ion:240 Resp: 170631

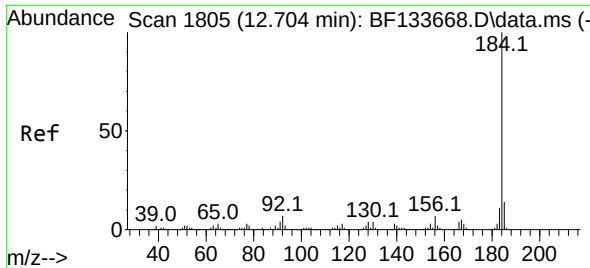
Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

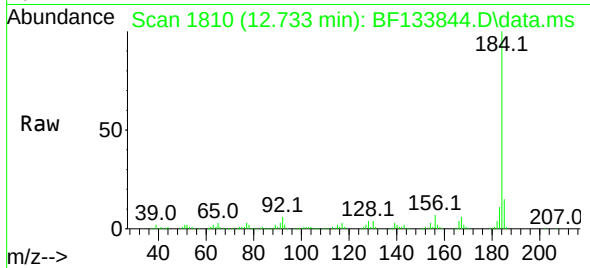
236 26.2 20.5 30.7





#77
Benzidine
Concen: 35.919 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

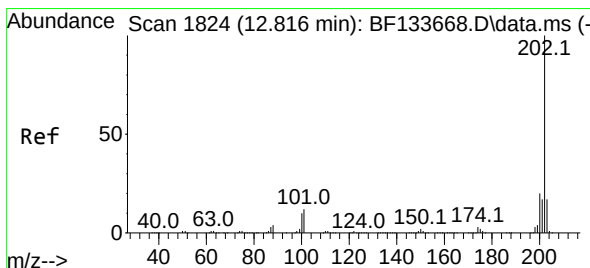
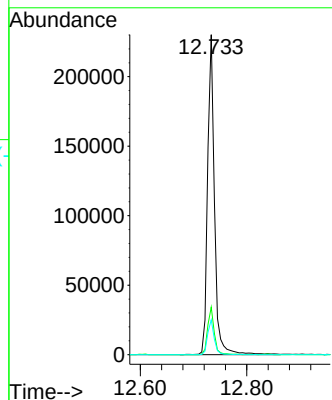
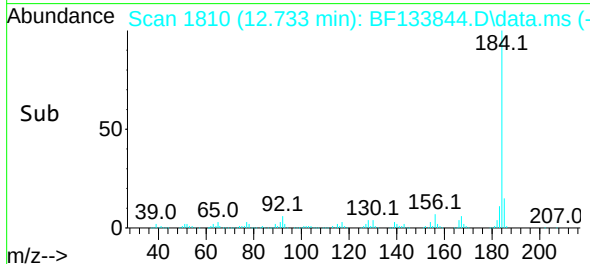
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



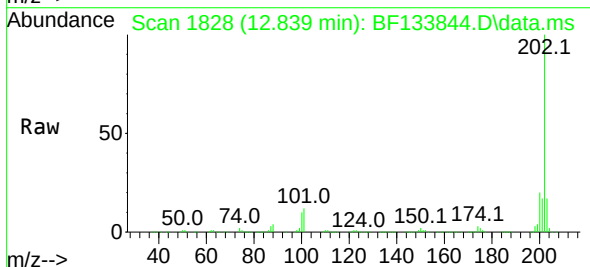
Tgt Ion:184 Resp: 205662
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 10.9 8.4 12.6

Manual Integrations
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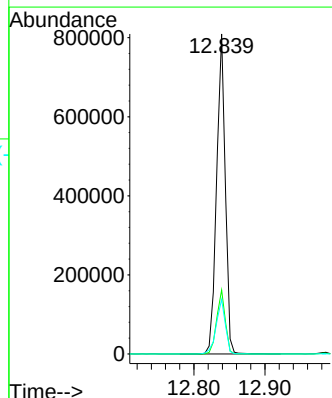
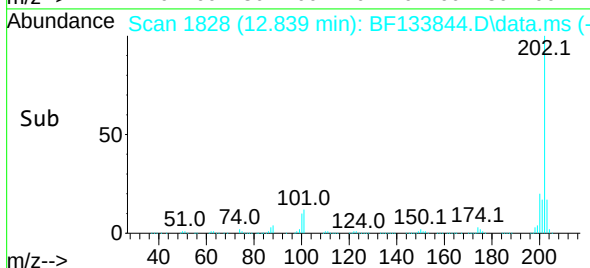
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

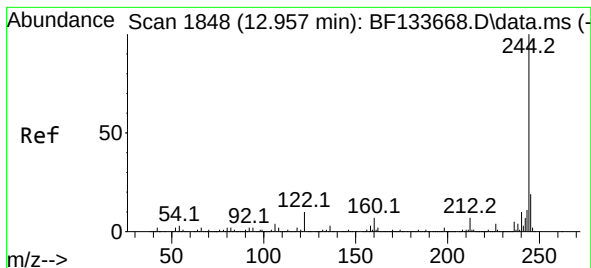


#78
Pyrene
Concen: 43.256 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:202 Resp: 687555
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.1 13.9 20.9





#79

Terphenyl-d14

Concen: 83.818 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133844.D

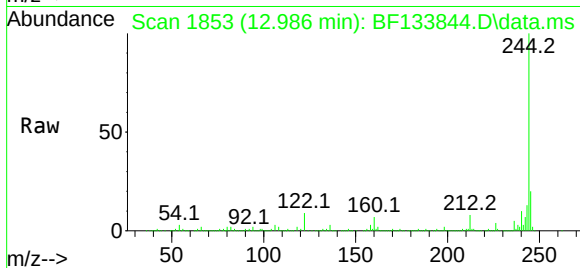
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 924289

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

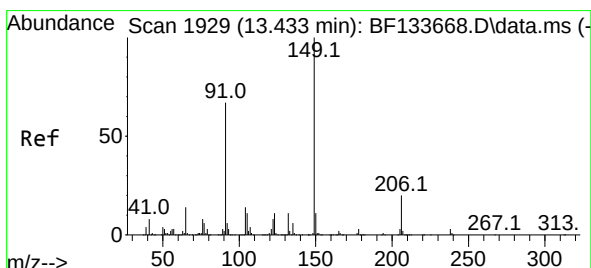
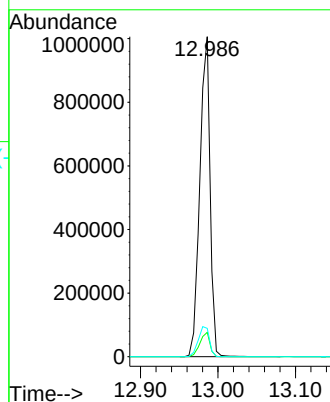
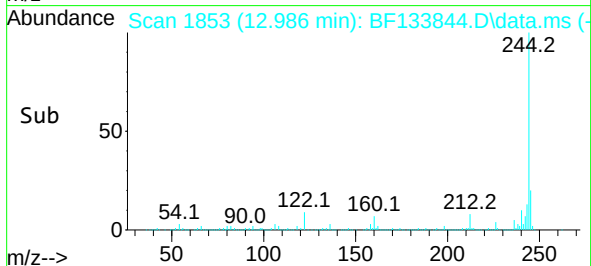
122 8.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#80

Butylbenzylphthalate

Concen: 37.963 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

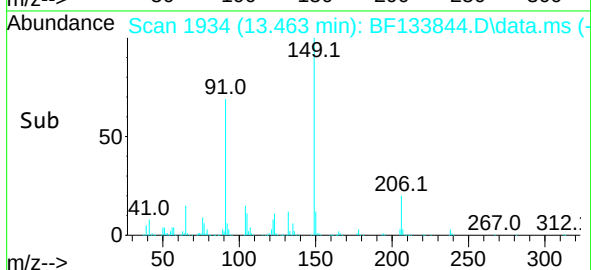
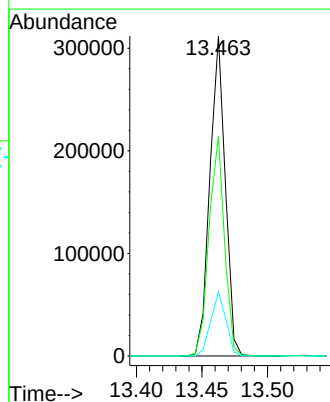
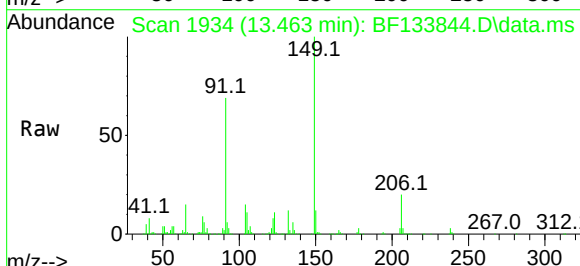
Tgt Ion:149 Resp: 254744

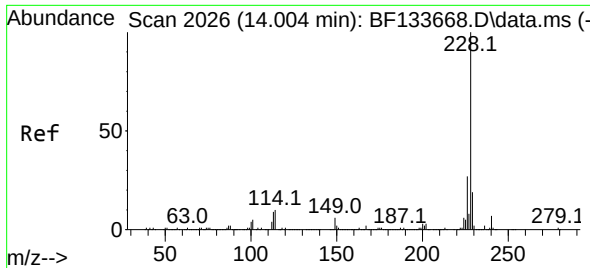
Ion Ratio Lower Upper

149 100

91 68.7 54.0 81.0

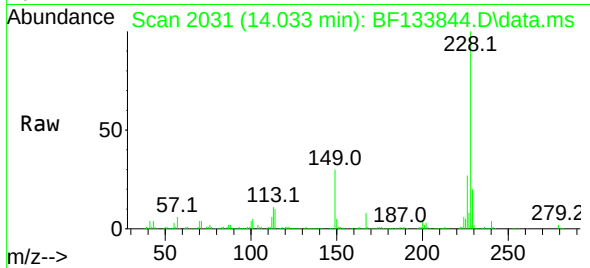
206 20.0 15.6 23.4





#81
Benzo(a)anthracene
Concen: 39.019 ng
RT: 14.033 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

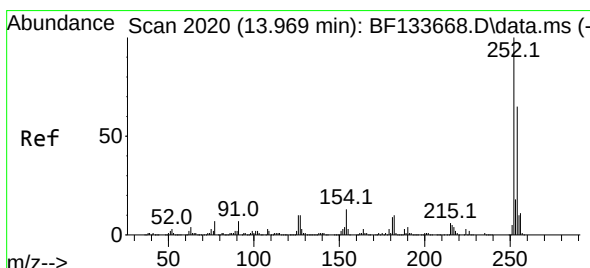
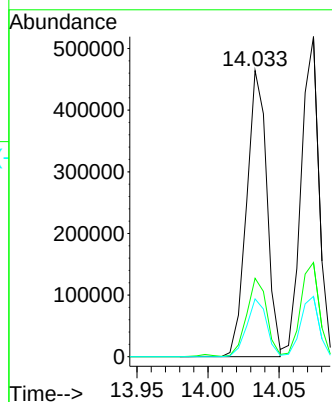
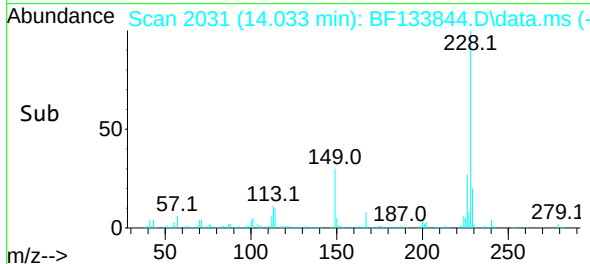
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



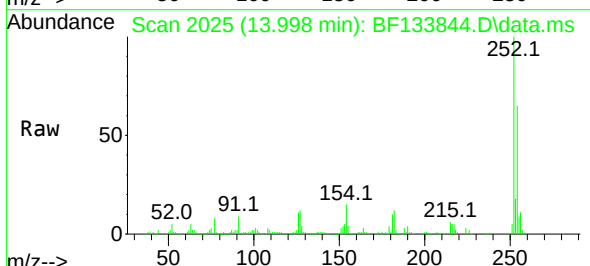
Tgt Ion:228 Resp: 46052
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 20.2 15.4 23.2

Manual Integrations
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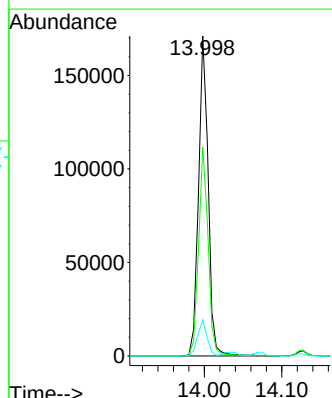
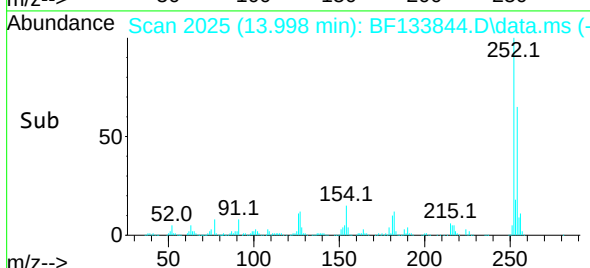
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

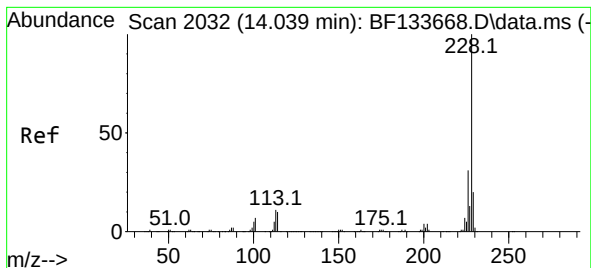


#82
3,3'-Dichlorobenzidine
Concen: 37.689 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion:252 Resp: 147887
Ion Ratio Lower Upper
252 100
254 65.2 51.9 77.9
126 11.3 7.7 11.5





#83

Chrysene

Concen: 40.716 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

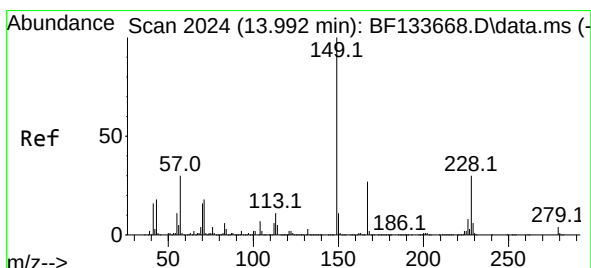
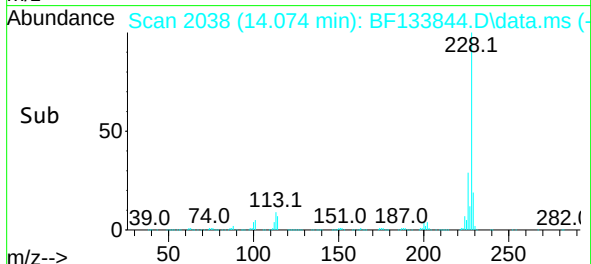
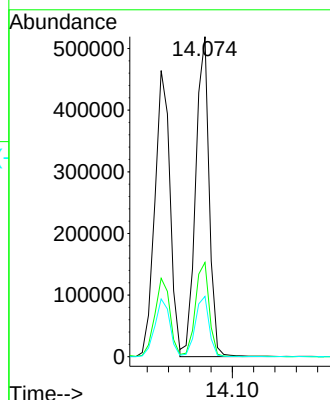
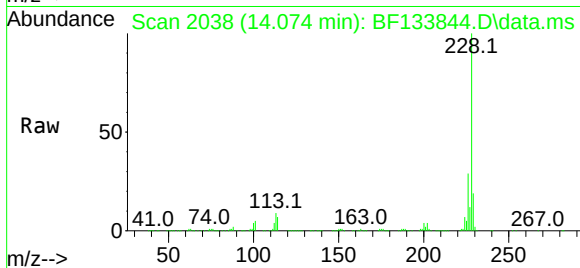
Tgt Ion:	228	Resp:	454514
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.6
229	18.8	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.329 ng

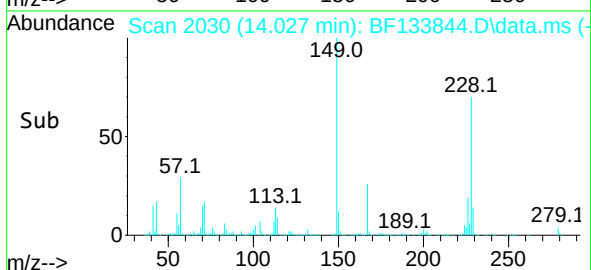
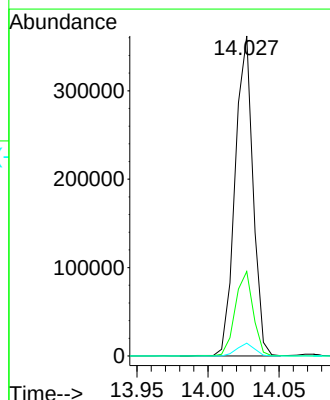
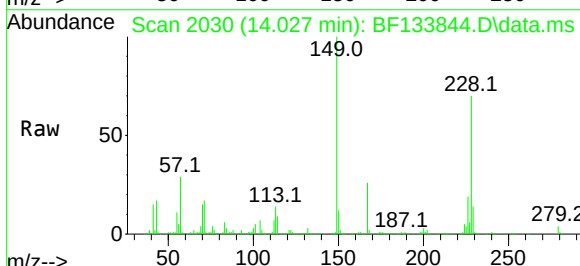
RT: 14.027 min Scan# 2030

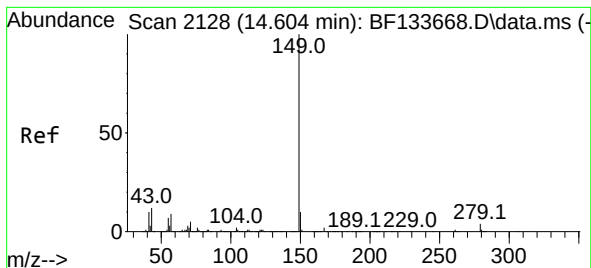
Delta R.T. -0.000 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Tgt Ion:	149	Resp:	316684
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.8	32.8
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 43.731 ng

RT: 14.645 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 51345

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

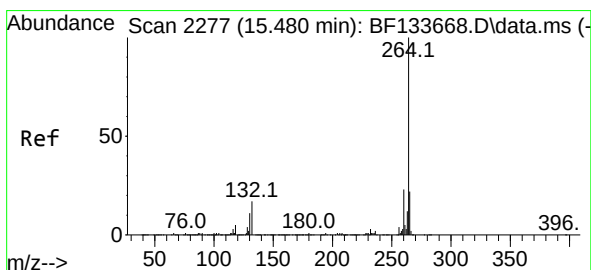
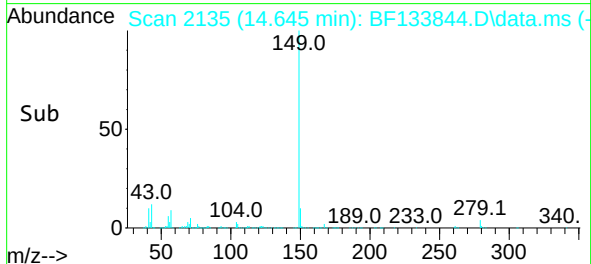
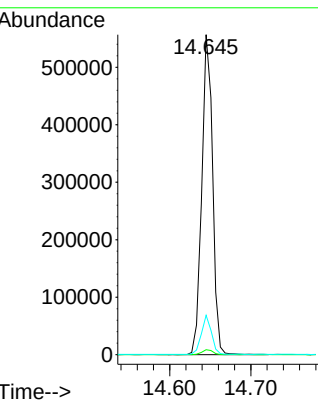
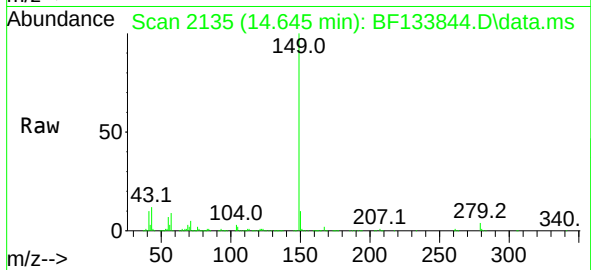
43 11.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

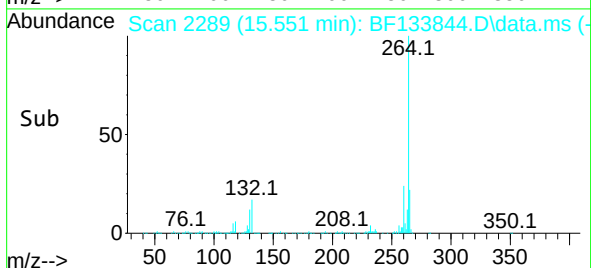
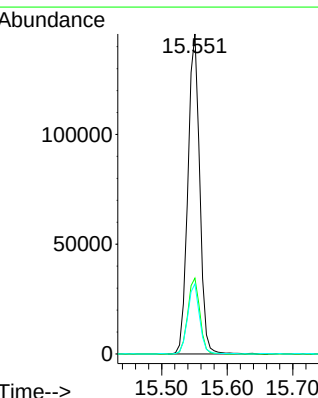
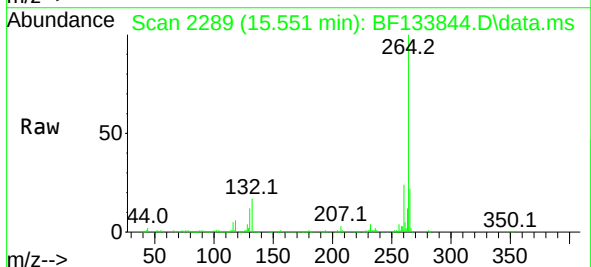
Tgt Ion:264 Resp: 182627

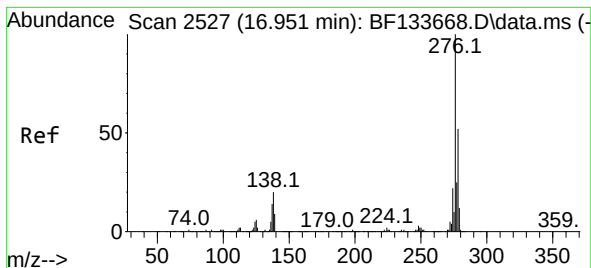
Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.555 ng

RT: 17.098 min Scan# 2113

Delta R.T. -0.012 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 559800

Ion Ratio Lower Upper

276 100

138 22.8 17.9 26.9

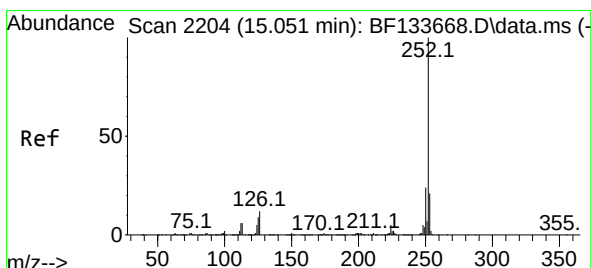
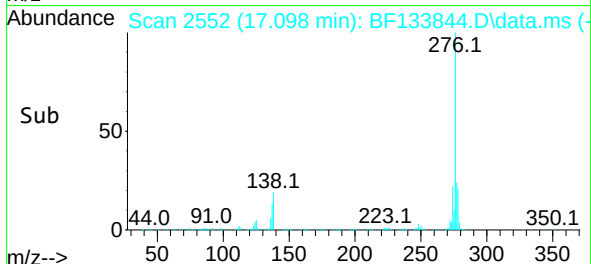
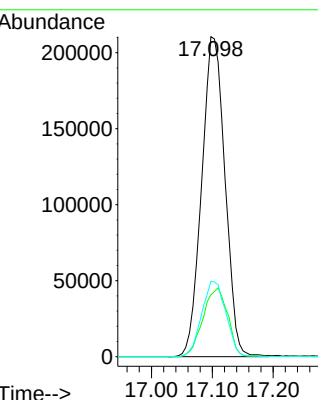
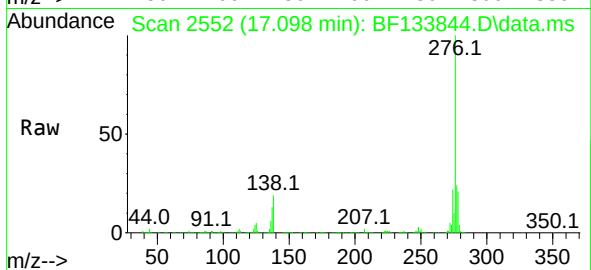
277 24.6 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#88

Benzo(b)fluoranthene

Concen: 39.245 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF133844.D

Acq: 20 Jun 2023 08:29

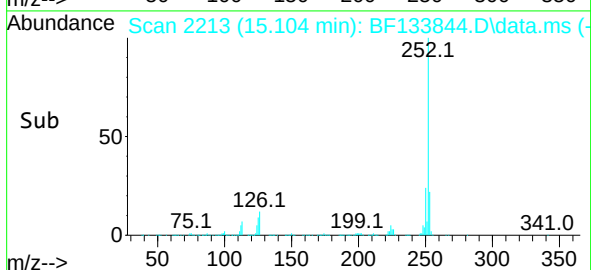
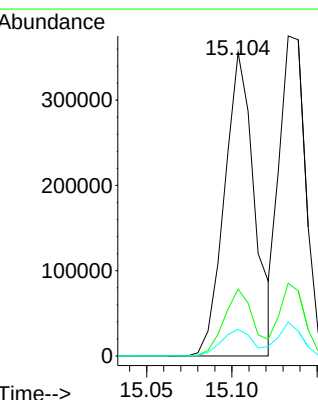
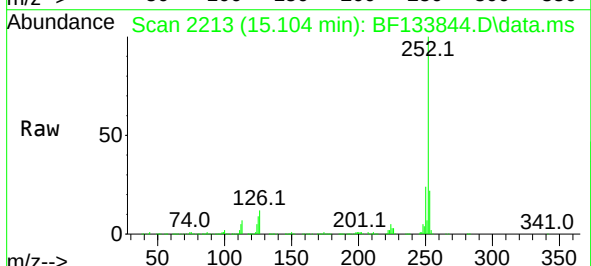
Tgt Ion:252 Resp: 435378

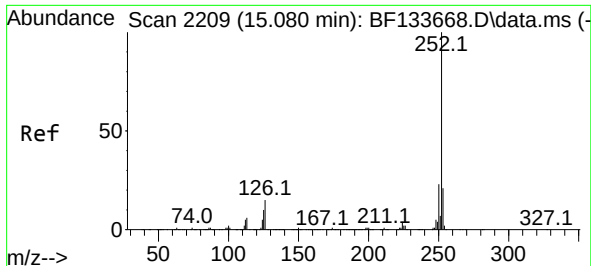
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 8.8 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 37.521 ng
RT: 15.133 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

Instrument :

BNA_F

ClientSampleId :

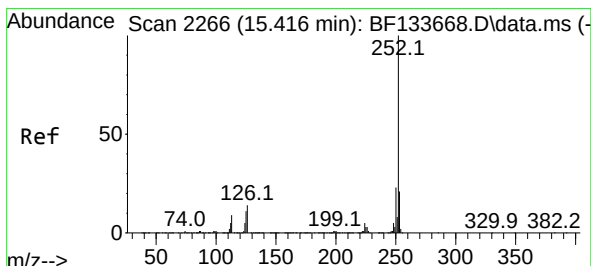
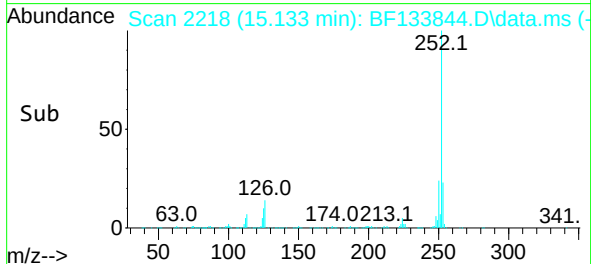
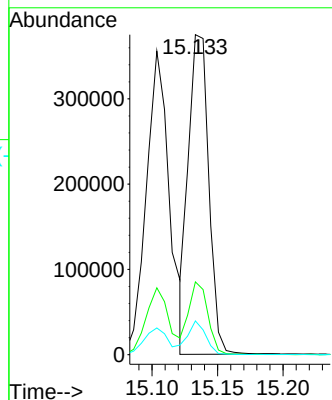
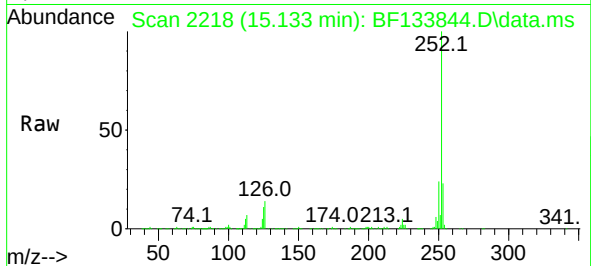
SSTDCCC040

Tgt Ion:252 Resp: 405478
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 10.5 7.8 11.6

Manual Integrations

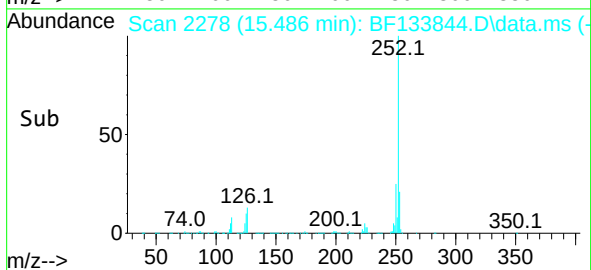
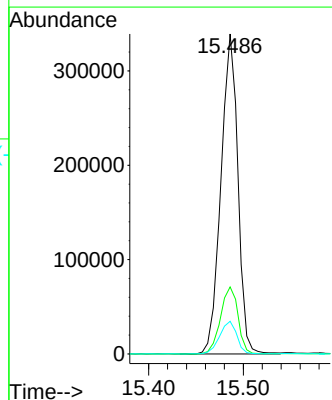
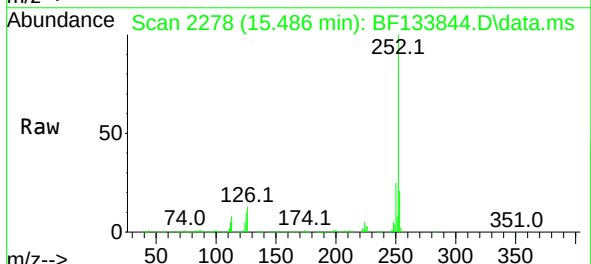
APPROVED

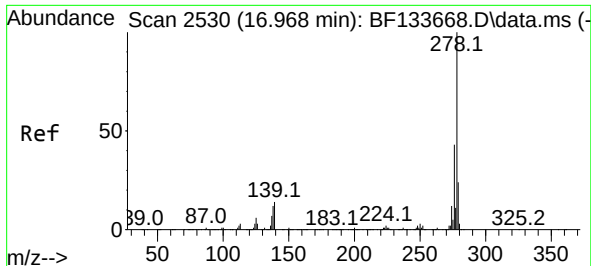
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#90
Benzo(a)pyrene
Concen: 41.021 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

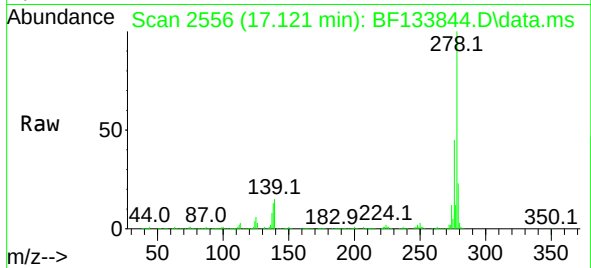
Tgt Ion:252 Resp: 422346
Ion Ratio Lower Upper
252 100
253 21.0 17.1 25.7
125 10.2 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 43.861 ng
RT: 17.121 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29

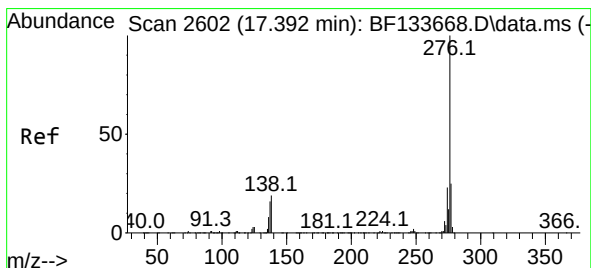
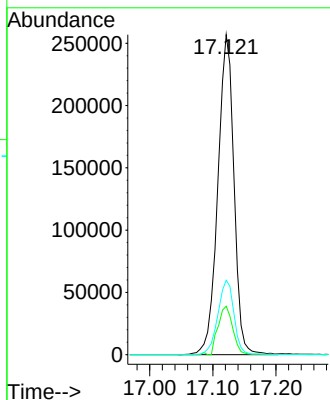
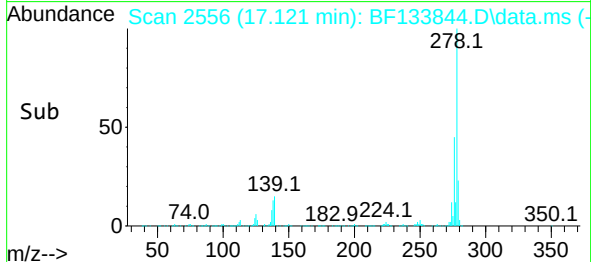
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



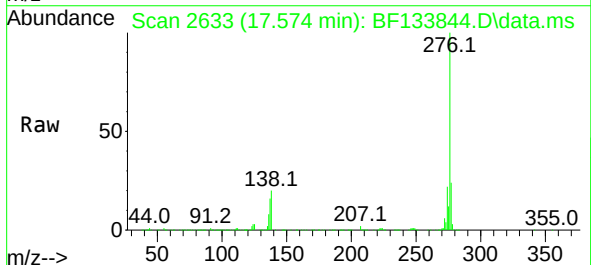
Tgt Ion: 278 Resp: 456235
Ion Ratio Lower Upper
278 100
139 15.2 11.4 17.2
279 23.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#92
Benzo(g,h,i)perylene
Concen: 43.849 ng
RT: 17.574 min Scan# 2633
Delta R.T. -0.012 min
Lab File: BF133844.D
Acq: 20 Jun 2023 08:29



Tgt Ion: 276 Resp: 452226
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.8
138 19.7 15.0 22.4

