

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134578.D
 Acq On : 02 Aug 2023 14:07
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 02 15:39:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	218119	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	824899	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	411660	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	773921	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	515271	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	435718	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1075168	74.930	ng	0.00
7) Phenol-d6	6.434	99	1371499	74.772	ng	0.00
23) Nitrobenzene-d5	7.363	82	1121527	84.965	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	359665	85.706	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1844933	74.517	ng	0.00
79) Terphenyl-d14	12.915	244	2144646	73.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	249723	37.826	ng	96
3) Pyridine	3.310	79	680481	38.038	ng	92
4) n-Nitrosodimethylamine	3.281	42	321160	37.572	ng	# 66
6) Aniline	6.463	93	888443	36.928	ng	92
8) 2-Chlorophenol	6.586	128	554826	38.331	ng	92
9) Benzaldehyde	6.351	77	330939	36.222	ng	96
10) Phenol	6.445	94	677379m	37.475	ng	
11) bis(2-Chloroethyl)ether	6.539	93	538026	37.469	ng	94
12) 1,3-Dichlorobenzene	6.739	146	562073	37.531	ng	95
13) 1,4-Dichlorobenzene	6.816	146	564405	37.604	ng	98
14) 1,2-Dichlorobenzene	6.969	146	517198	36.983	ng	96
15) Benzyl Alcohol	6.939	79	480905	38.004	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	825764	36.707	ng	88
17) 2-Methylphenol	7.051	107	480780	37.588	ng	93
18) Hexachloroethane	7.310	117	207031	39.301	ng	95
19) n-Nitroso-di-n-propyla...	7.216	70	385779	35.128	ng	93
20) 3+4-Methylphenols	7.204	107	573793	37.197	ng	# 73
22) Acetophenone	7.210	105	691932	36.334	ng	# 87
24) Nitrobenzene	7.381	77	583787	40.937	ng	97
25) Isophorone	7.622	82	1054863	36.639	ng	99
26) 2-Nitrophenol	7.692	139	277032	45.887	ng	# 90
27) 2,4-Dimethylphenol	7.733	122	482648	37.572	ng	84
28) bis(2-Chloroethoxy)met...	7.833	93	642915	37.330	ng	99
29) 2,4-Dichlorophenol	7.933	162	454030	38.942	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	476397	38.317	ng	98
31) Naphthalene	8.098	128	1538805	37.117	ng	99
32) Benzoic acid	7.851	122	361348m	43.921	ng	
33) 4-Chloroaniline	8.151	127	679799	36.801	ng	96
34) Hexachlorobutadiene	8.216	225	272205	37.956	ng	95
35) Caprolactam	8.522	113	147588	39.236	ng	100
36) 4-Chloro-3-methylphenol	8.627	107	473408	38.340	ng	92
37) 2-Methylnaphthalene	8.792	142	1022922	37.224	ng	98
38) 1-Methylnaphthalene	8.892	142	953340	37.308	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	461956	38.590	ng	99
41) Hexachlorocyclopentadiene	8.939	237	255143	43.830	ng	94
43) 2,4,6-Trichlorophenol	9.063	196	316688	40.423	ng	97

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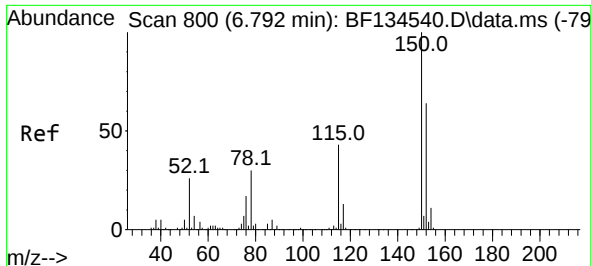
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	363597	40.607	ng	93
46) 1,1'-Biphenyl	9.257	154	1200390	37.498	ng	98
47) 2-Chloronaphthalene	9.280	162	903470	37.666	ng	98
48) 2-Nitroaniline	9.374	65	309154	41.780	ng	92
49) Acenaphthylene	9.692	152	1427634	37.864	ng	99
50) Dimethylphthalate	9.563	163	1059724	37.770	ng	98
51) 2,6-Dinitrotoluene	9.622	165	242181	42.433	ng	# 80
52) Acenaphthene	9.869	154	937691	38.376	ng	99
53) 3-Nitroaniline	9.786	138	285213	45.607	ng	92
54) 2,4-Dinitrophenol	9.892	184	110180	56.071	ng	# 83
55) Dibenzofuran	10.039	168	1298871	37.342	ng	95
56) 4-Nitrophenol	9.939	139	227782	44.534	ng	# 79
57) 2,4-Dinitrotoluene	10.022	165	309438	44.769	ng	# 89
58) Fluorene	10.380	166	934107	36.869	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	285503	40.303	ng	95
60) Diethylphthalate	10.263	149	1005281	37.800	ng	96
61) 4-Chlorophenyl-phenyle...	10.374	204	459403	36.891	ng	96
62) 4-Nitroaniline	10.404	138	276688	45.139	ng	86
63) Azobenzene	10.539	77	1062493	37.185	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	158670	50.231	ng	94
66) n-Nitrosodiphenylamine	10.498	169	907240	36.830	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	319294	37.688	ng	94
68) Hexachlorobenzene	10.927	284	340540	38.065	ng	97
69) Atrazine	11.027	200	261912	39.448	ng	97
70) Pentachlorophenol	11.121	266	237982	42.963	ng	96
71) Phenanthrene	11.345	178	1498619	36.456	ng	99
72) Anthracene	11.398	178	1550966	36.937	ng	99
73) Carbazole	11.551	167	1374529	36.663	ng	99
74) Di-n-butylphthalate	11.892	149	1505579	37.800	ng	99
75) Fluoranthene	12.533	202	1591705	36.656	ng	95
77) Benzidine	12.657	184	456390	40.802	ng	98
78) Pyrene	12.763	202	1656221	37.146	ng	97
80) Butylbenzylphthalate	13.398	149	616304	40.877	ng	# 97
81) Benzo(a)anthracene	13.957	228	1330992	36.125	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	423008	39.608	ng	# 97
83) Chrysene	13.998	228	1321526	36.815	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	634339	35.752	ng	99
85) Di-n-octyl phthalate	14.574	149	1025798	38.019	ng	97
87) Indeno(1,2,3-cd)pyrene	16.903	276	1038979	40.545	ng	# 92
88) Benzo(b)fluoranthene	15.004	252	1032882	38.868	ng	# 97
89) Benzo(k)fluoranthene	15.033	252	1033829	39.053	ng	# 98
90) Benzo(a)pyrene	15.368	252	958355	38.679	ng	# 98
91) Dibenzo(a,h)anthracene	16.933	278	847351	40.916	ng	# 95
92) Benzo(g,h,i)perylene	17.356	276	878264	41.574	ng	# 93

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



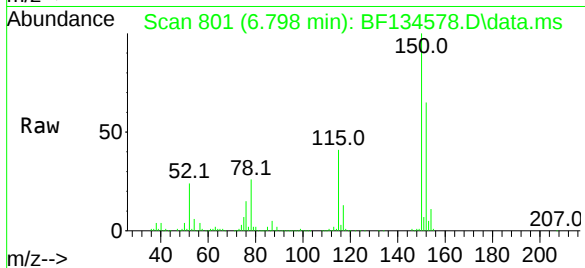
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

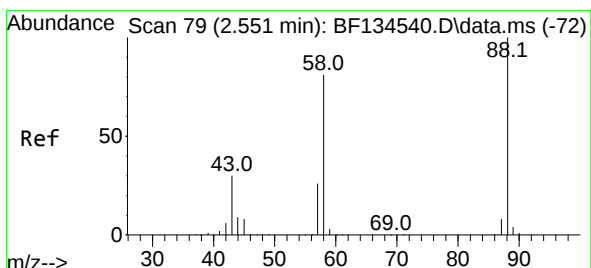
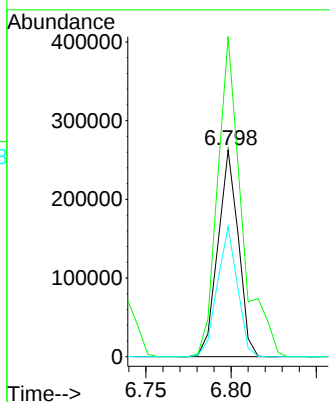
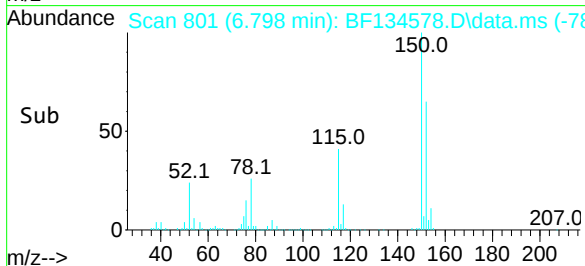


Tgt Ion:152 Resp: 218119
Ion Ratio Lower Upper
152 100
150 154.8 128.3 192.5
115 63.0 52.4 78.6

Manual Integrations

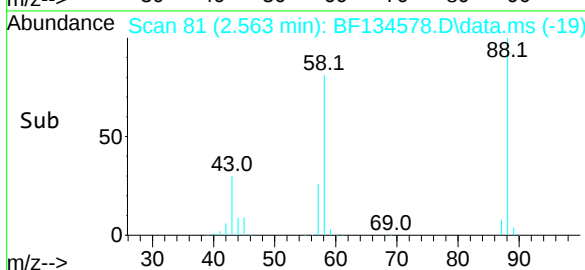
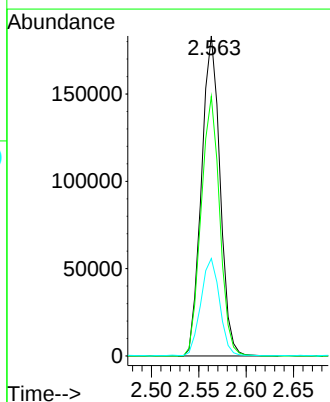
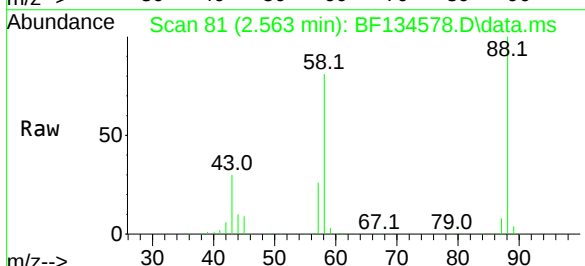
APPROVED

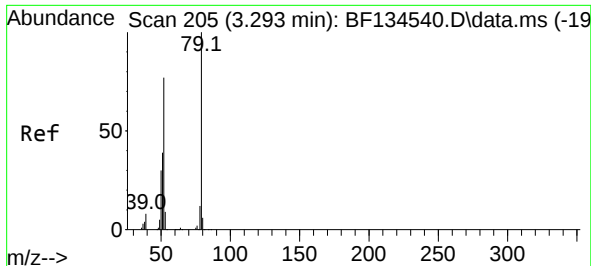
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#2
1,4-Dioxane
Concen: 37.826 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

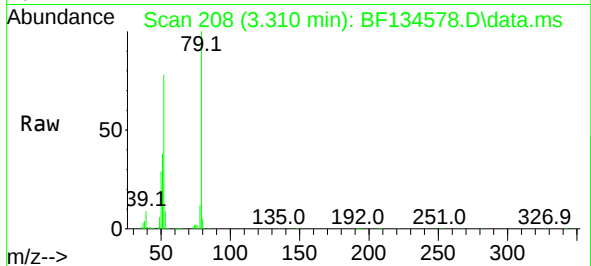
Tgt Ion: 88 Resp: 249723
Ion Ratio Lower Upper
88 100
58 81.1 65.1 97.7
43 31.2 30.3 45.5





#3
Pyridine
Concen: 38.038 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.018 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

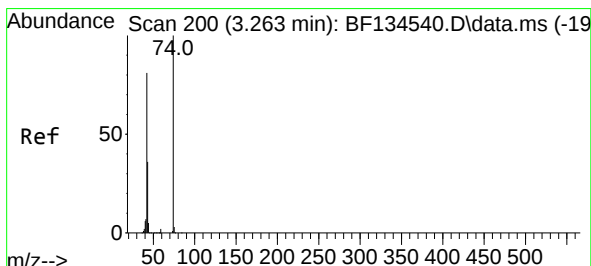
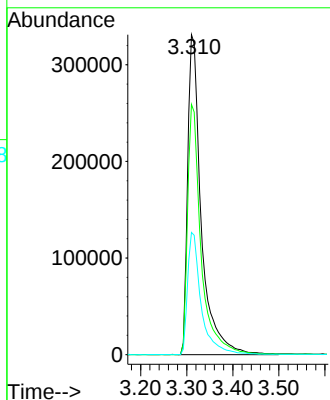
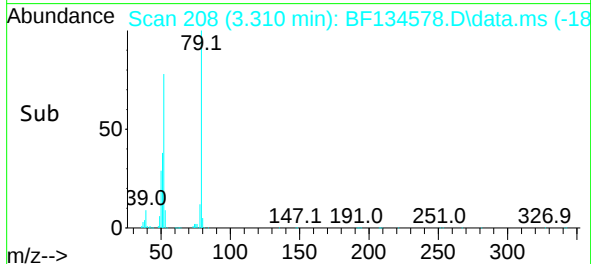
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ClientSampleId :
SSTDCCC040



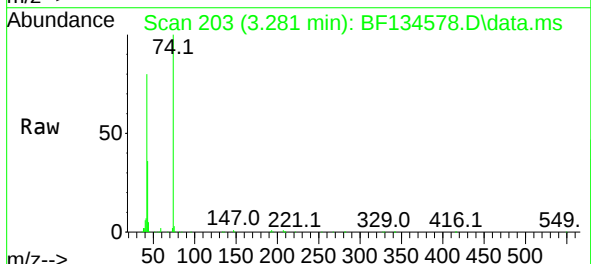
Tgt Ion: 79 Resp: 68048
Ion Ratio Lower Upper
79 100
52 78.2 66.6 100.0
51 38.2 36.5 54.7

Manual Integrations
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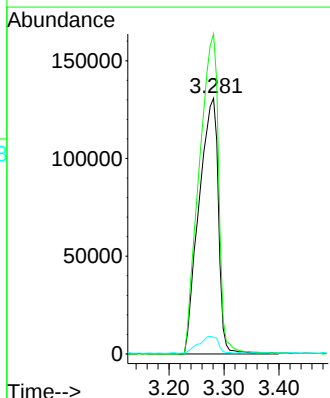
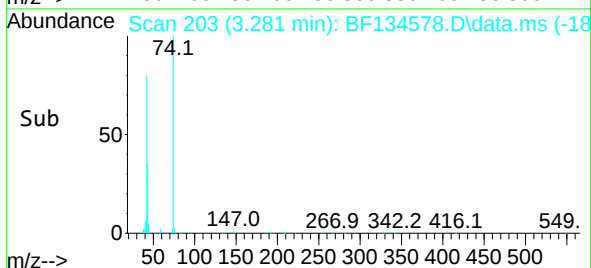
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

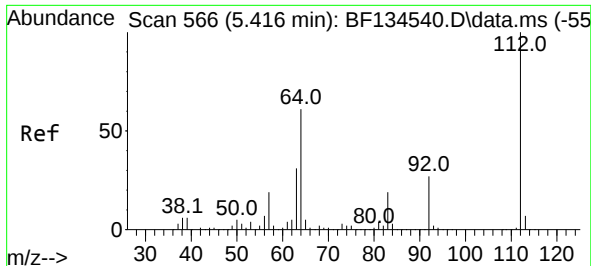


#4
n-Nitrosodimethylamine
Concen: 37.572 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.018 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion: 42 Resp: 321160
Ion Ratio Lower Upper
42 100
74 125.2 72.2 108.4#
44 6.6 5.4 8.0





#5
2-Fluorophenol
Concen: 74.930 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

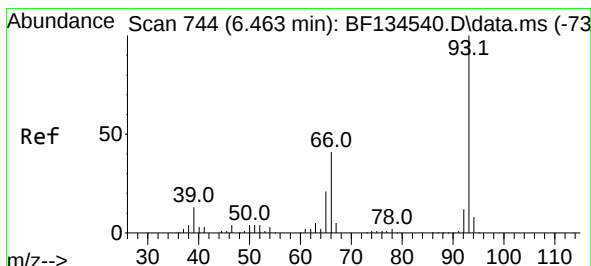
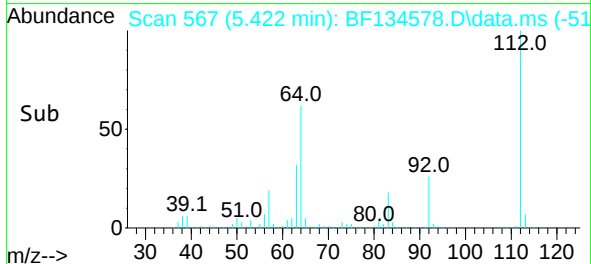
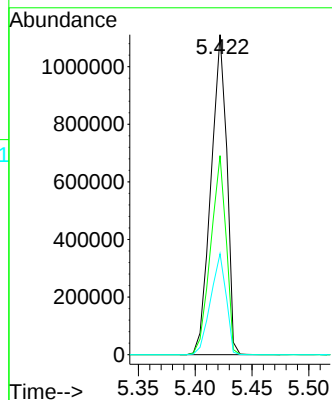
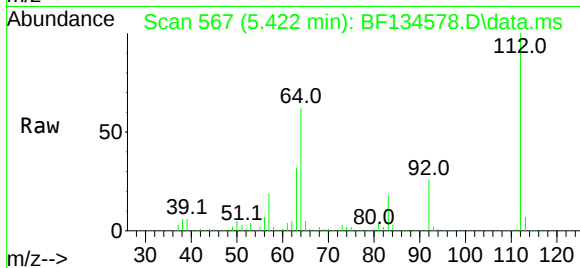
SSTDCCC040

Tgt Ion:112 Resp: 107516
Ion Ratio Lower Upper
112 100
64 62.2 44.9 67.3
63 31.6 25.4 38.0

Manual Integrations

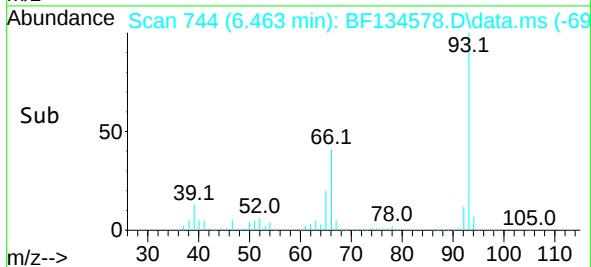
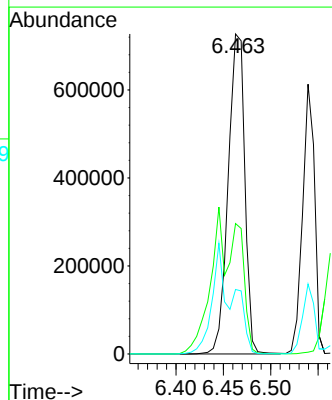
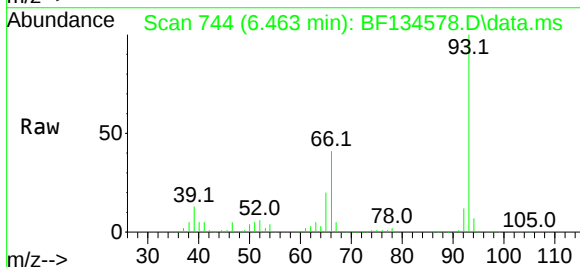
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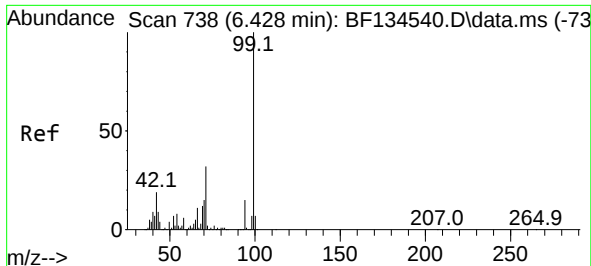
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#6
Aniline
Concen: 36.928 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

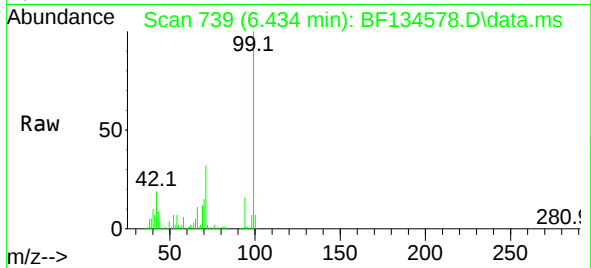
Tgt Ion: 93 Resp: 888443
Ion Ratio Lower Upper
93 100
66 40.8 36.8 55.2
65 20.2 19.4 29.0





#7
Phenol-d6
Concen: 74.772 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

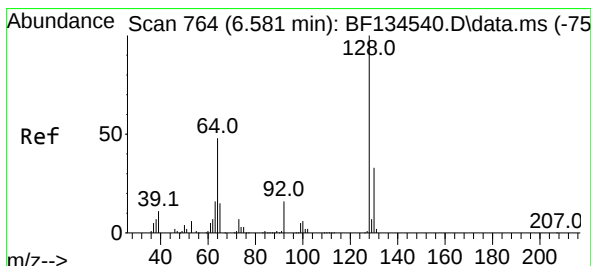
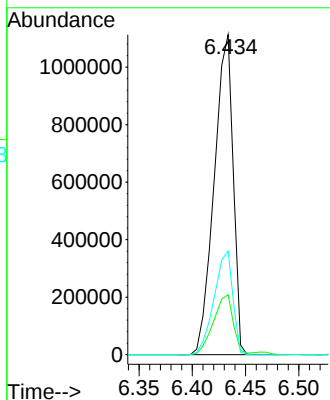
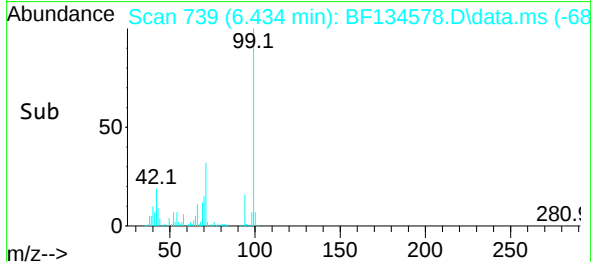
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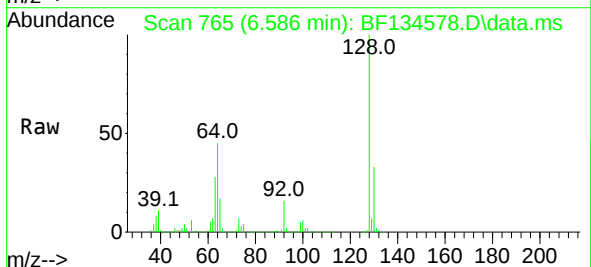
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Ion Ratio Lower Upper
99 100
42 18.8 18.7 28.1
71 32.4 36.4 54.6

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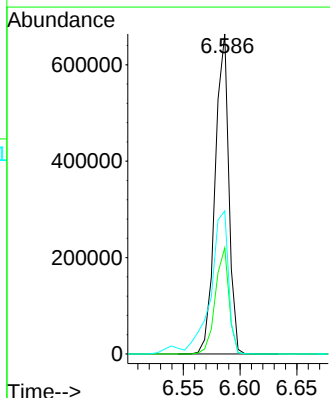
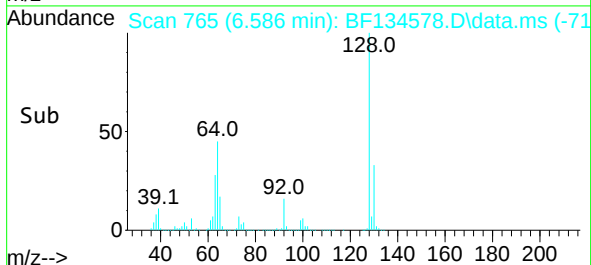
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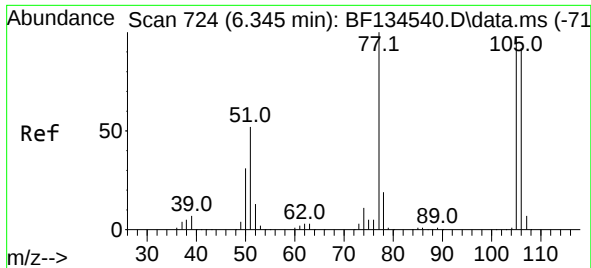


#8
2-Chlorophenol
Concen: 38.331 ng
RT: 6.586 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



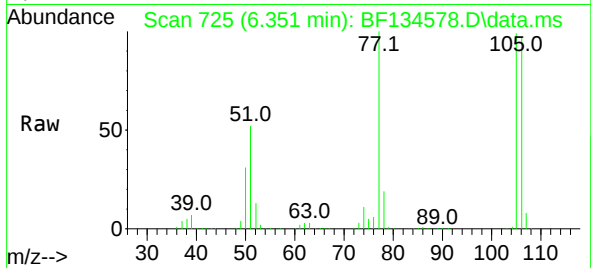
Tgt Ion:128 Resp: 554826
Ion Ratio Lower Upper
128 100
130 33.1 11.1 51.1
64 44.7 31.9 71.9





#9
Benzaldehyde
Concen: 36.222 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

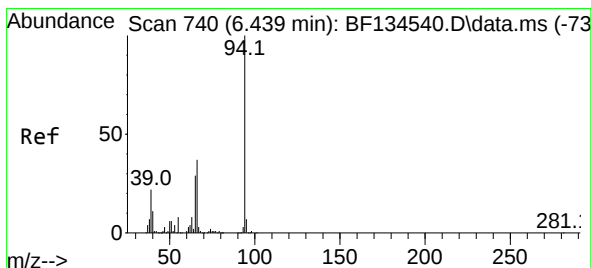
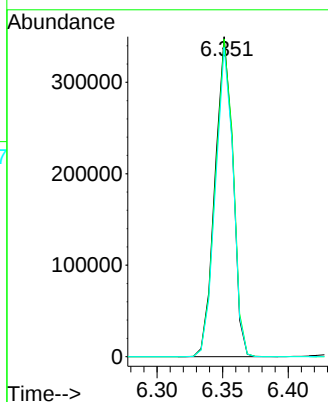
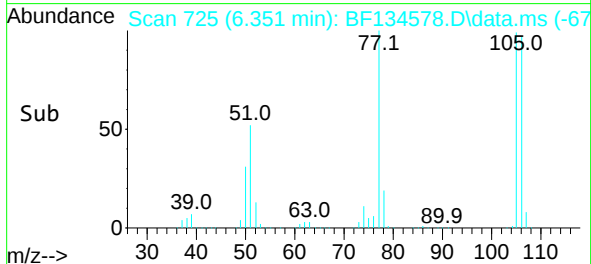
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ClientSampleId :
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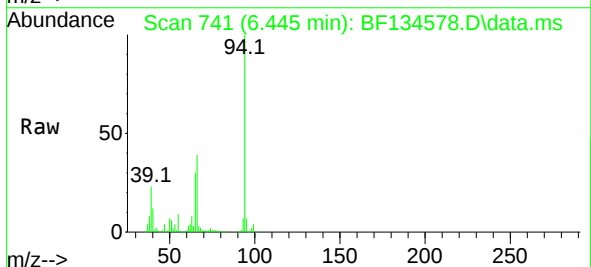
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Ion Ratio Lower Upper
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105 99.3 77.1 117.1
106 96.7 71.4 111.4

Manual Integrations
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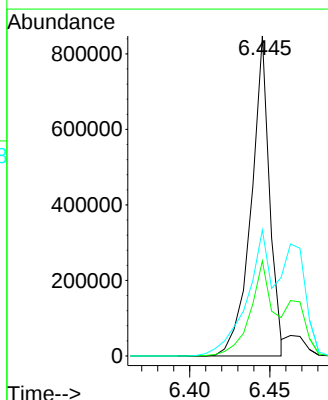
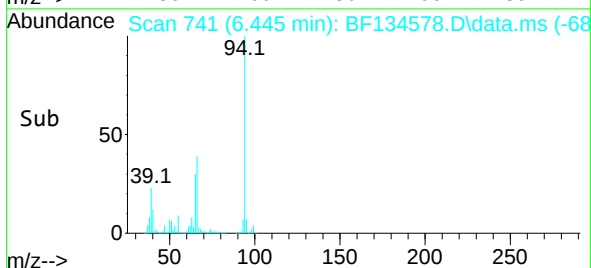
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Supervised By :mohammad ahmed 08/03/2023

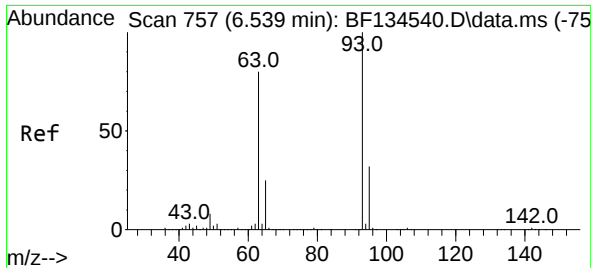


#10
Phenol
Concen: 37.475 ng m
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



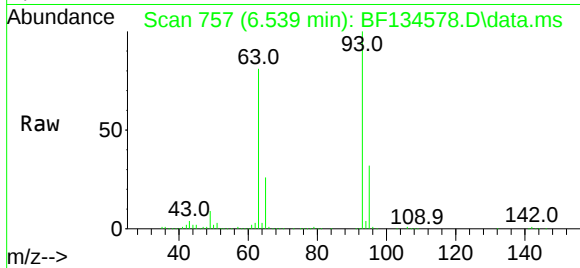
Tgt Ion: 94 Resp: 677379
Ion Ratio Lower Upper
94 100
65 29.7 17.8 57.8
66 39.4 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 37.469 ng
RT: 6.539 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

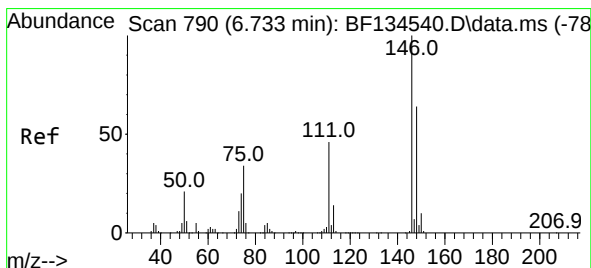
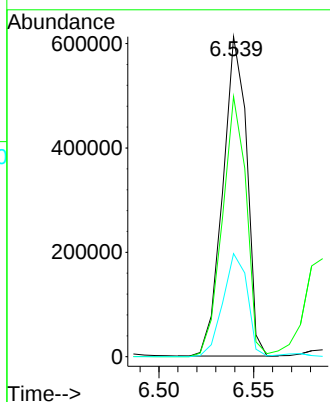
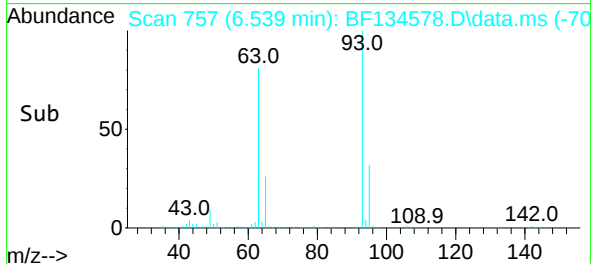
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



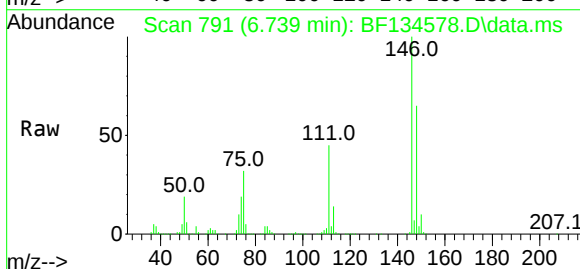
Tgt Ion: 93 Resp: 538020
Ion Ratio Lower Upper
93 100
63 81.3 68.4 108.4
95 32.2 12.4 52.4

Manual Integrations
APPROVED

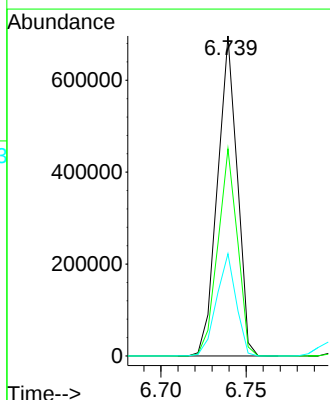
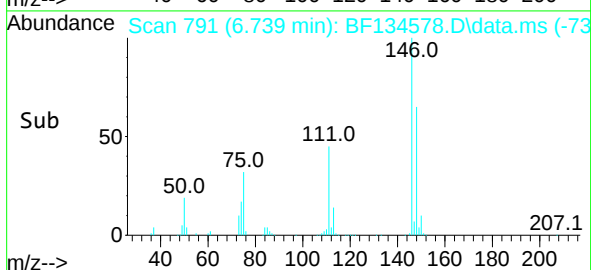
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

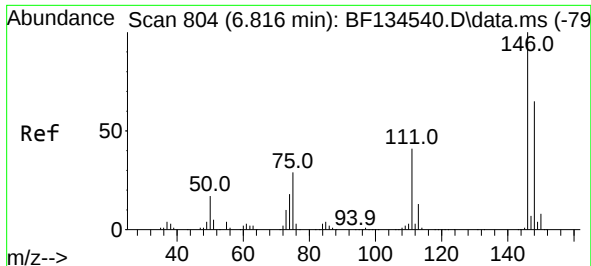


#12
1,3-Dichlorobenzene
Concen: 37.531 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:146 Resp: 562073
Ion Ratio Lower Upper
146 100
148 64.8 49.7 74.5
75 31.9 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 37.604 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF134578.D

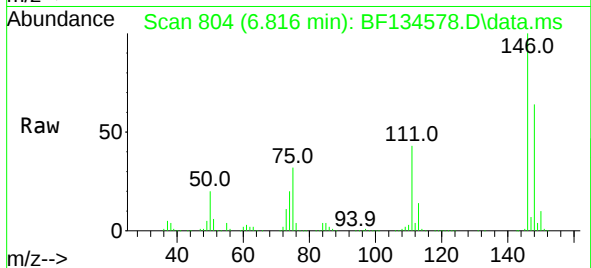
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 56440

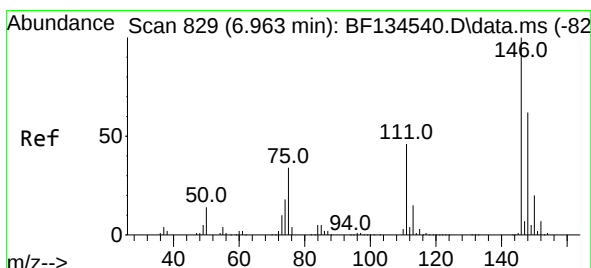
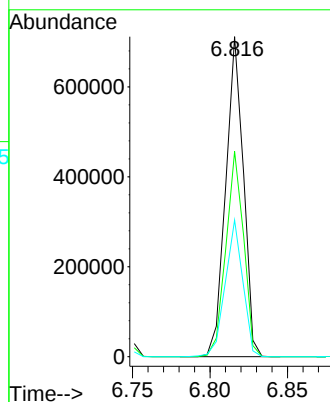
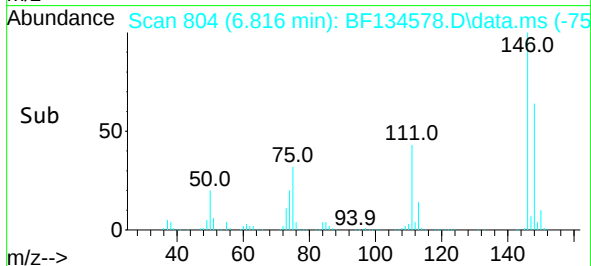
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	42.7	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#14

1,2-Dichlorobenzene

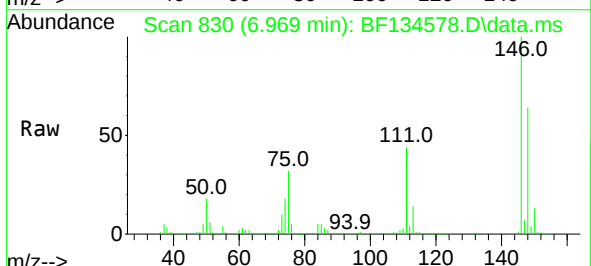
Concen: 36.983 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.006 min

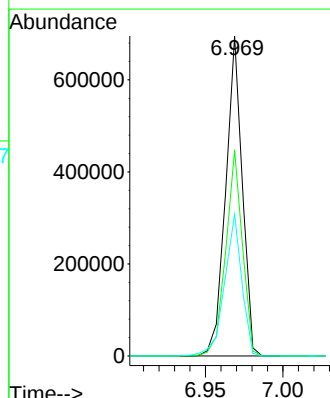
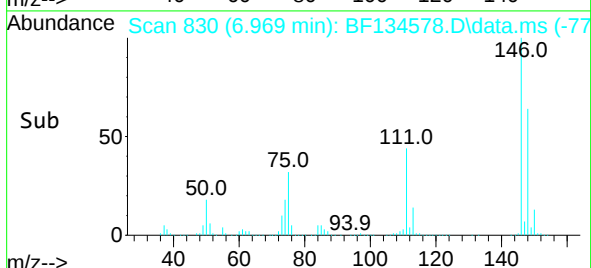
Lab File: BF134578.D

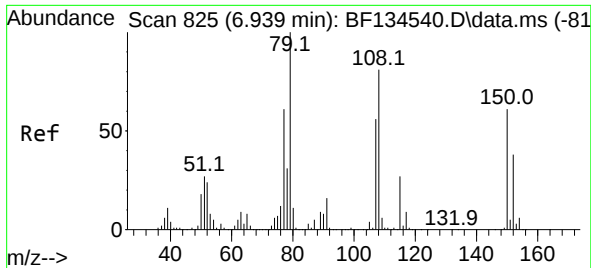
Acq: 02 Aug 2023 14:07



Tgt Ion:146 Resp: 517198

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	44.3	39.9	59.9





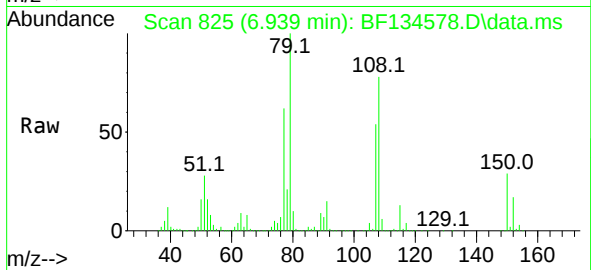
#15
Benzyl Alcohol
Concen: 38.004 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

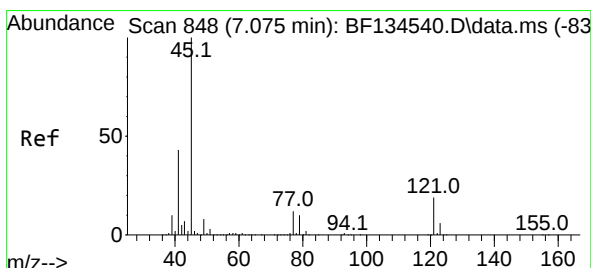
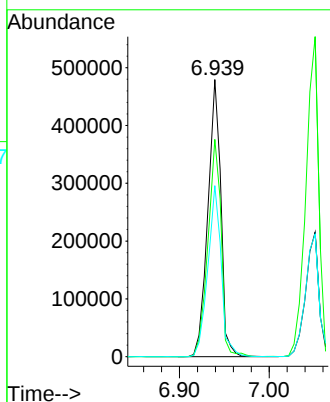
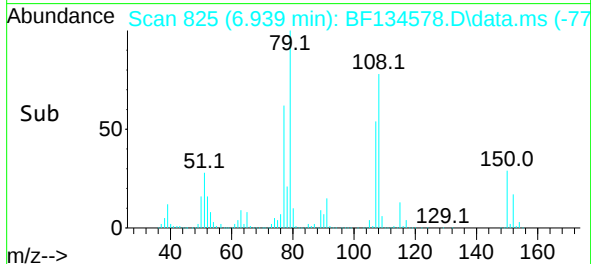


Tgt Ion: 79 Resp: 48090
Ion Ratio Lower Upper
79 100
108 78.4 56.3 84.5
77 61.7 50.6 76.0

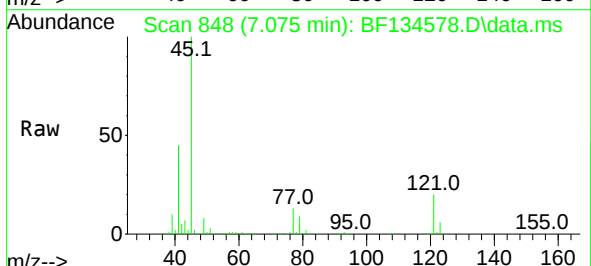
Manual Integrations

APPROVED

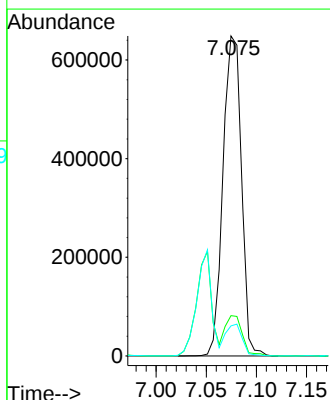
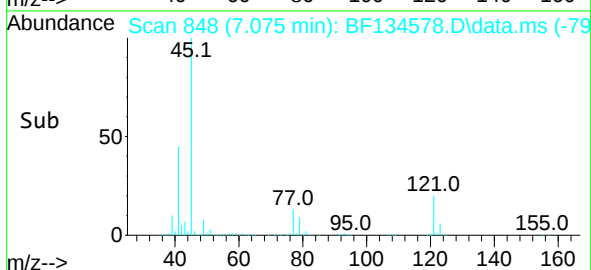
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

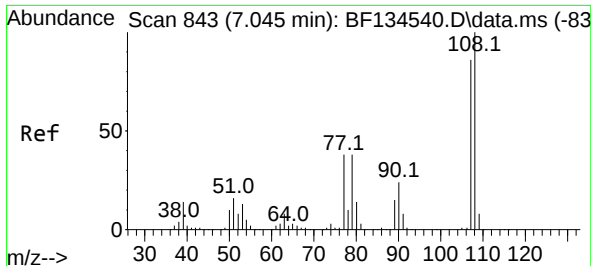


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.707 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion: 45 Resp: 825764
Ion Ratio Lower Upper
45 100
77 12.6 0.0 37.8
79 9.4 0.0 34.5





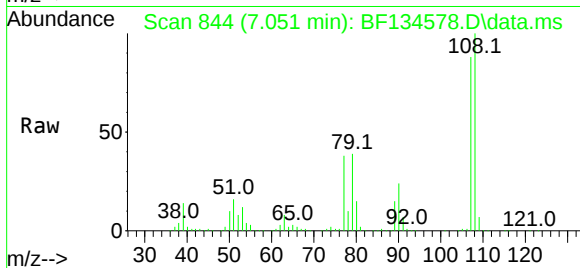
#17
2-Methylphenol
Concen: 37.588 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

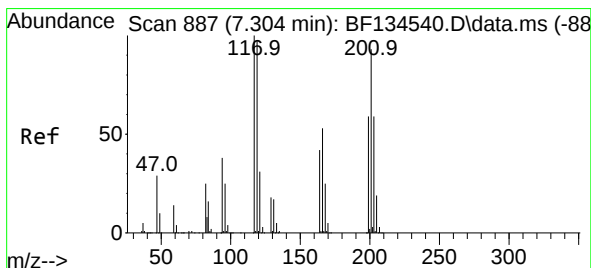
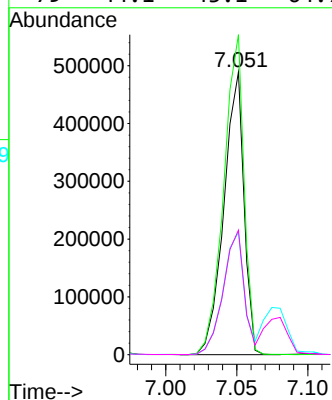
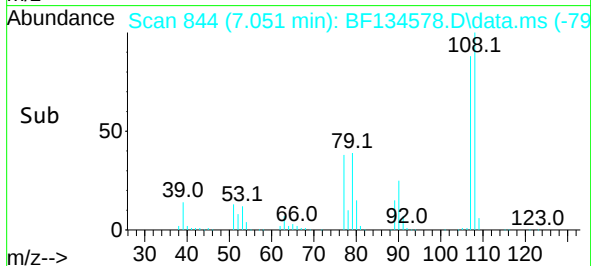


Tgt Ion:107 Resp: 480780
Ion Ratio Lower Upper
107 100
108 113.2 89.4 134.2
77 43.4 42.4 63.6
79 44.1 43.1 64.7

Manual Integrations

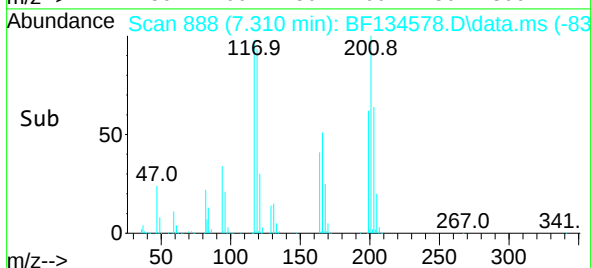
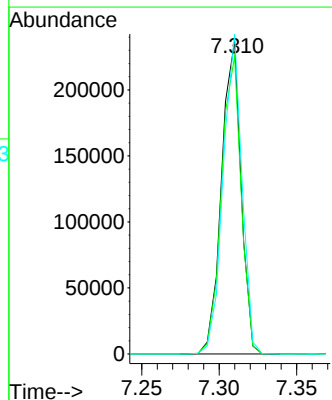
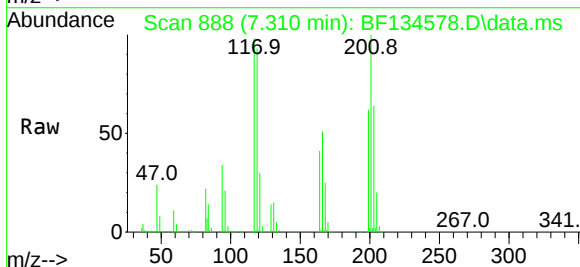
APPROVED

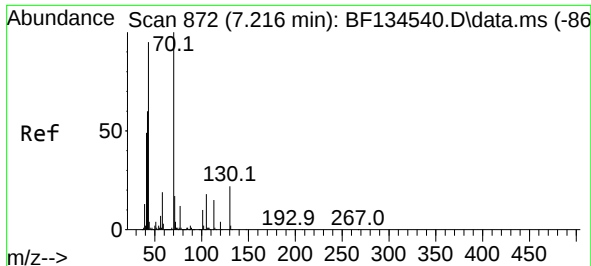
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#18
Hexachloroethane
Concen: 39.301 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

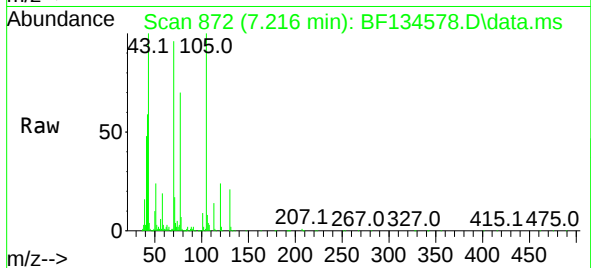
Tgt Ion:117 Resp: 207031
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 102.2 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 35.128 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

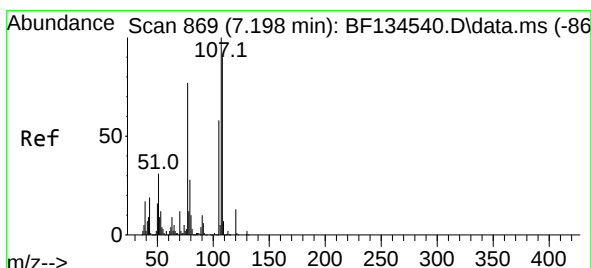
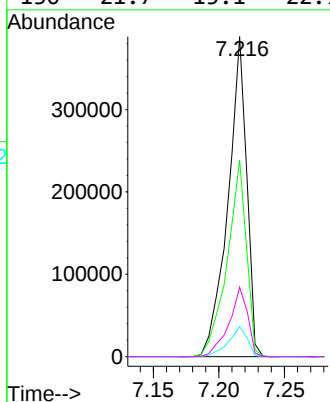
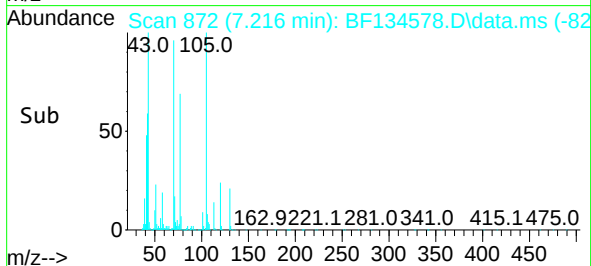
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



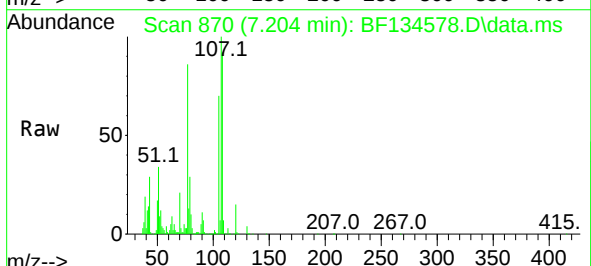
Tgt Ion: 70 Resp: 385779
Ion Ratio Lower Upper
70 100
42 61.4 54.7 82.1
101 9.4 8.2 12.2
130 21.7 15.1 22.7

Manual Integrations
APPROVED

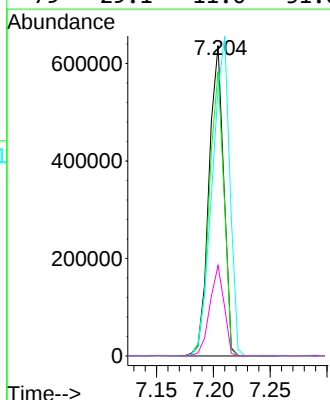
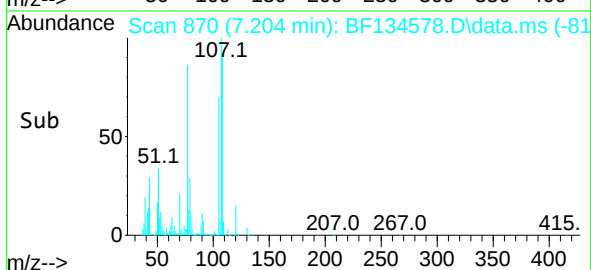
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

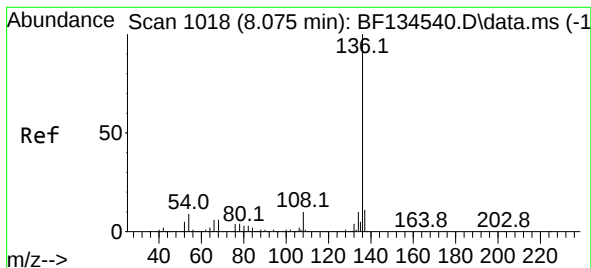


#20
3+4-Methylphenols
Concen: 37.197 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:107 Resp: 573793
Ion Ratio Lower Upper
107 100
108 91.7 68.1 108.1
77 85.9 122.1 162.1#
79 29.1 11.0 51.0





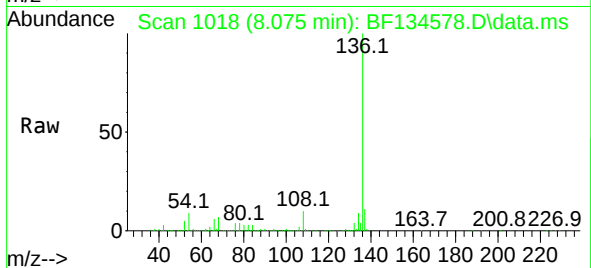
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040



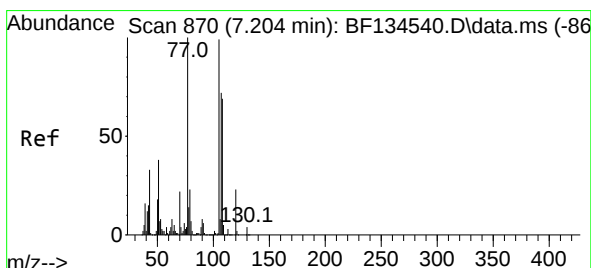
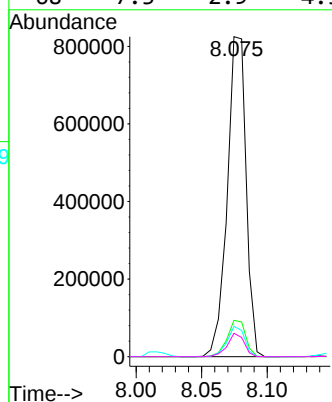
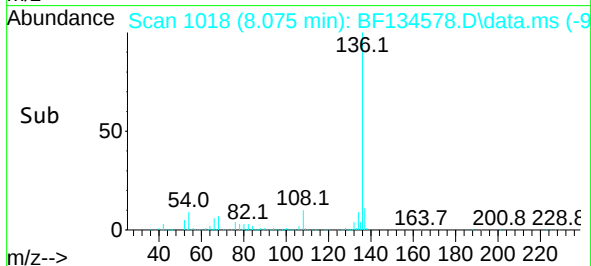
Tgt Ion:136 Resp: 824899
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.5 5.2 7.8
68 7.3 2.9 4.3#

Manual Integrations

APPROVED

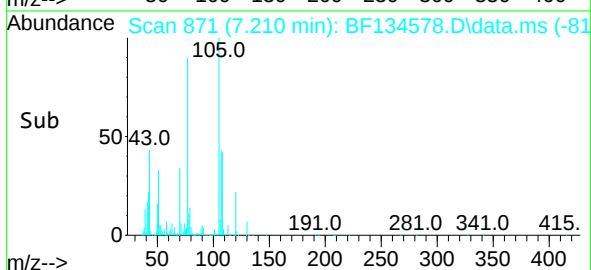
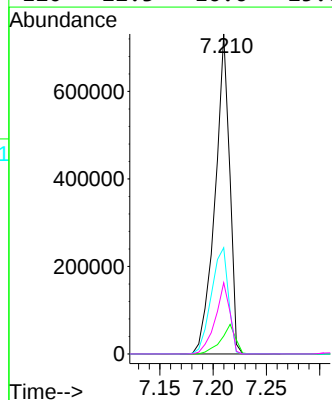
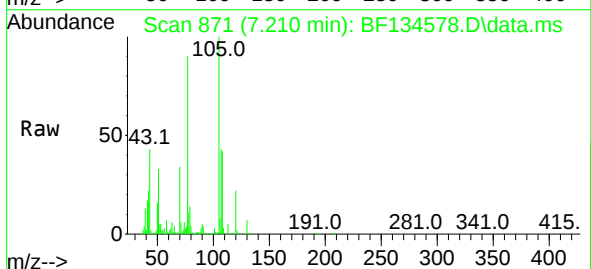
Reviewed By :Yogesh Patel 08/03/2023

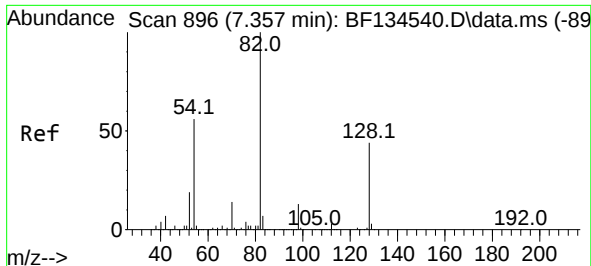
Supervised By :mohammad ahmed 08/03/2023



#22
Acetophenone
Concen: 36.334 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Tgt Ion:105 Resp: 691932
Ion Ratio Lower Upper
105 100
71 5.6 7.4 11.0#
51 33.2 36.4 54.6#
120 22.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 84.965 ng

RT: 7.363 min Scan# 896

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 112152

Ion Ratio Lower Upper

82 100

128 47.3 34.3 51.5

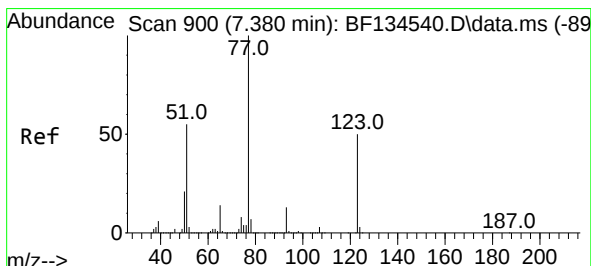
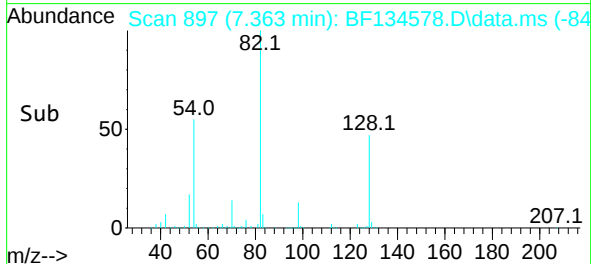
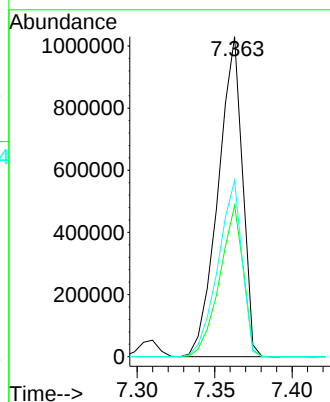
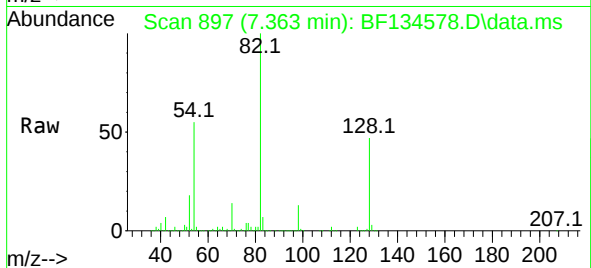
54 55.1 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#24

Nitrobenzene

Concen: 40.937 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

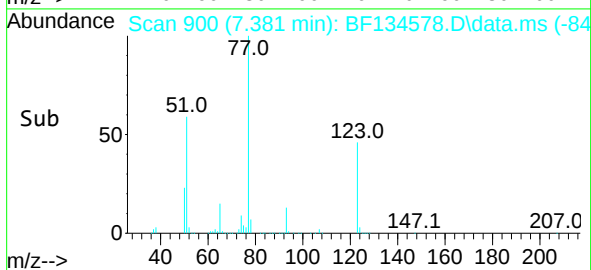
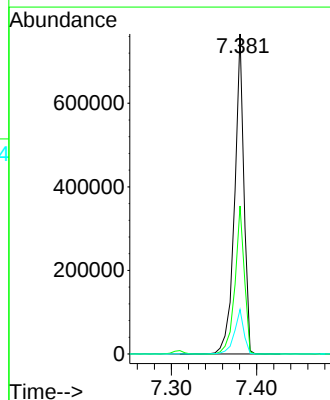
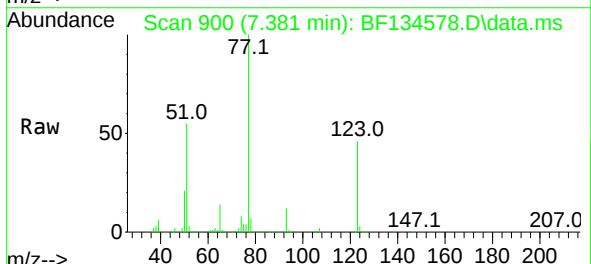
Tgt Ion: 77 Resp: 583787

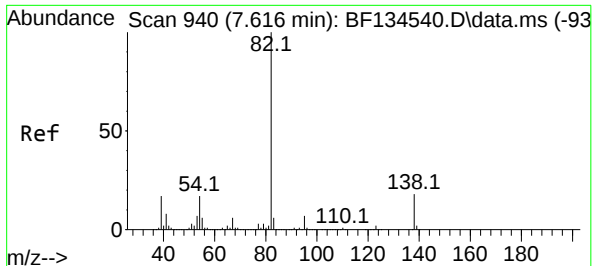
Ion Ratio Lower Upper

77 100

123 46.2 35.5 53.3

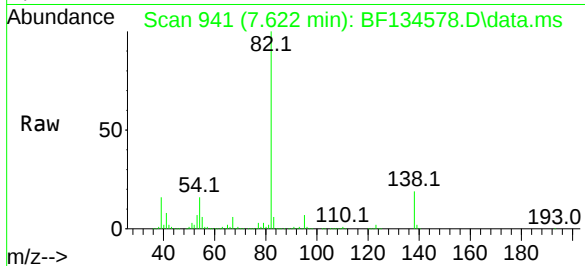
65 13.9 11.9 17.9





#25
Isophorone
Concen: 36.639 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

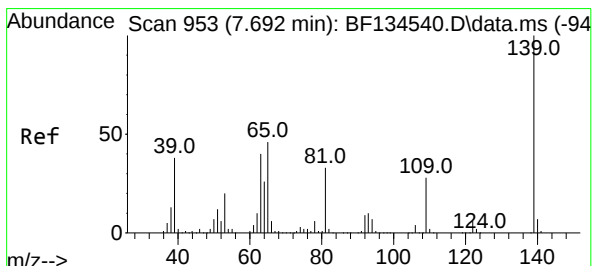
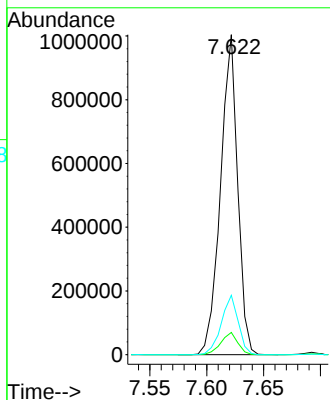
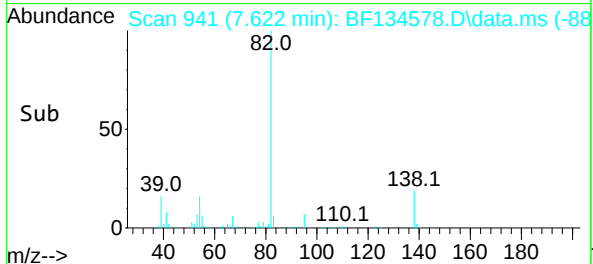
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



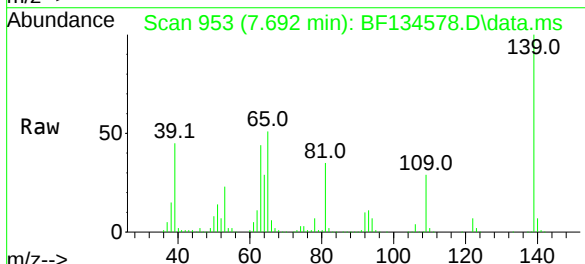
Tgt Ion: 82 Resp: 105486
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.5 14.6 22.0

Manual Integrations
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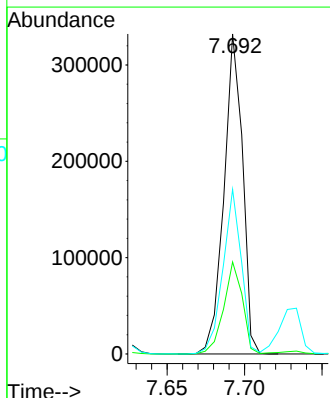
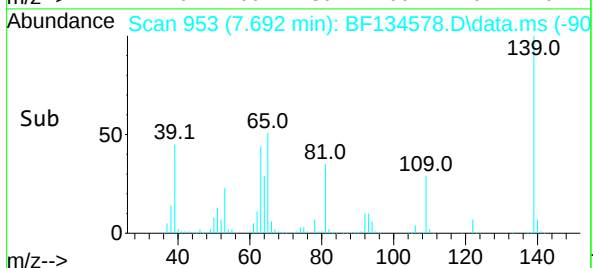
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

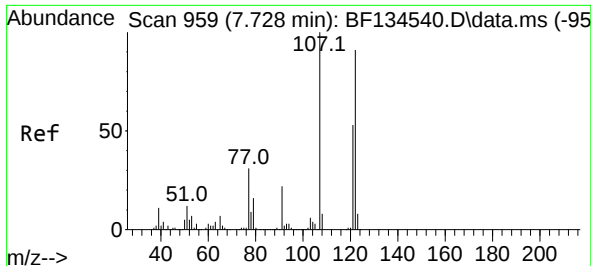


#26
2-Nitrophenol
Concen: 45.887 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:139 Resp: 277032
Ion Ratio Lower Upper
139 100
109 28.7 29.8 44.6#
65 51.5 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 37.572 ng

RT: 7.733 min Scan# 90

Delta R.T. 0.005 min

Lab File: BF134578.D

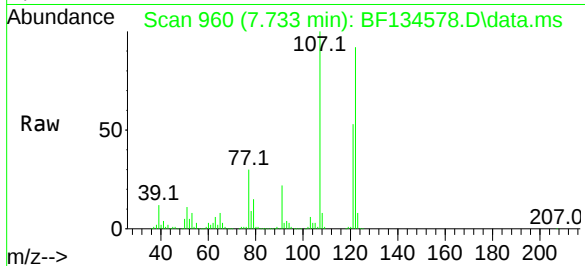
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 48264

Ion Ratio Lower Upper

122 100

107 108.5 106.7 160.1

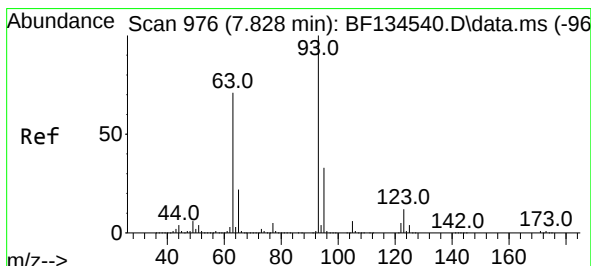
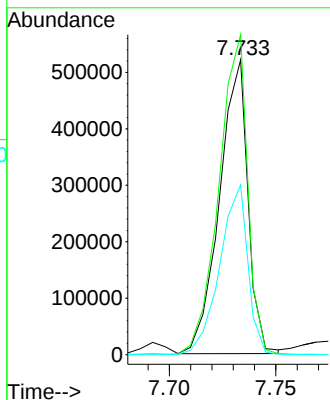
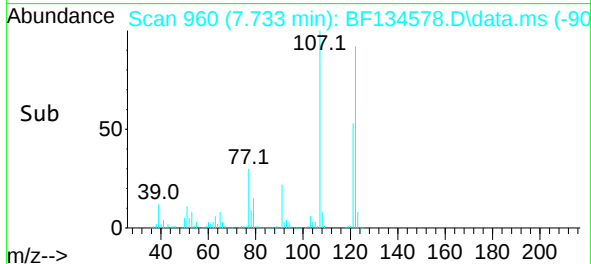
121 57.6 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.330 ng

RT: 7.833 min Scan# 977

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

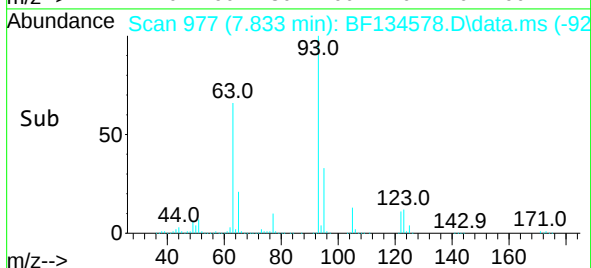
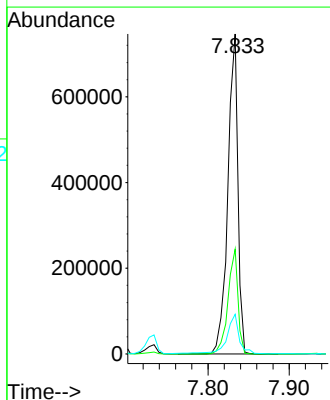
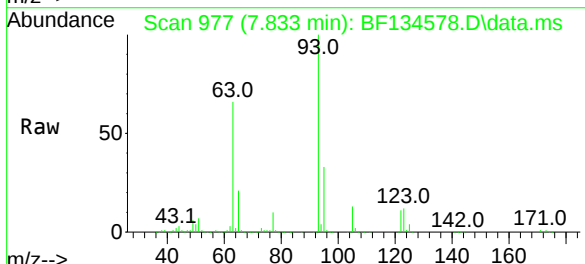
Tgt Ion: 93 Resp: 642915

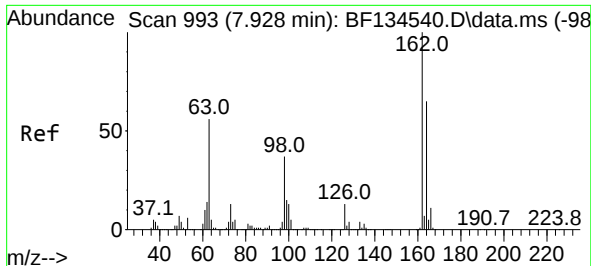
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 12.4 9.6 14.4





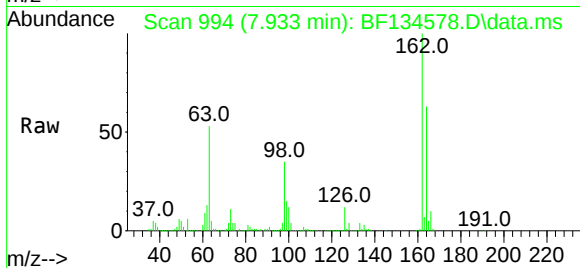
#29
2,4-Dichlorophenol
Concen: 38.942 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

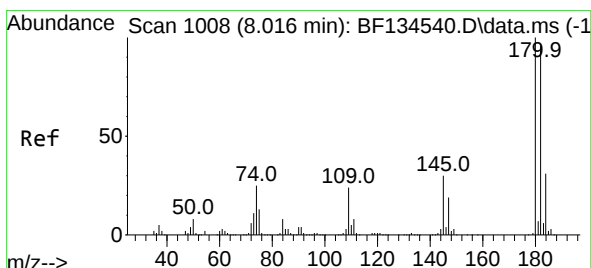
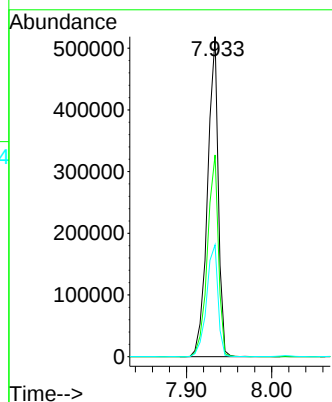
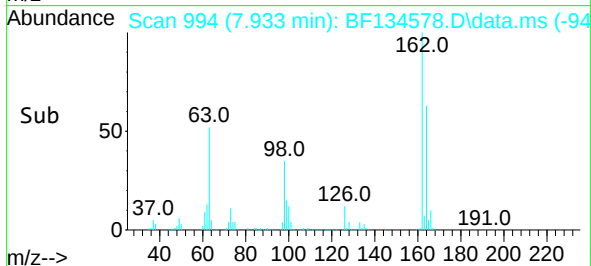


Tgt Ion:162 Resp: 454030
Ion Ratio Lower Upper
162 100
164 63.0 42.2 82.2
98 35.0 15.5 55.5

Manual Integrations

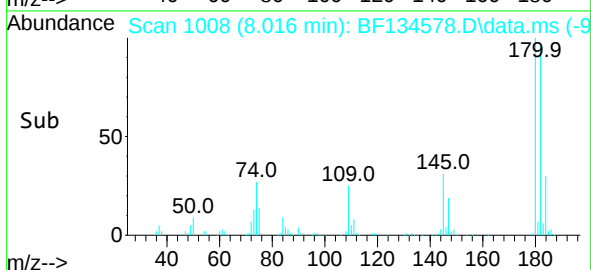
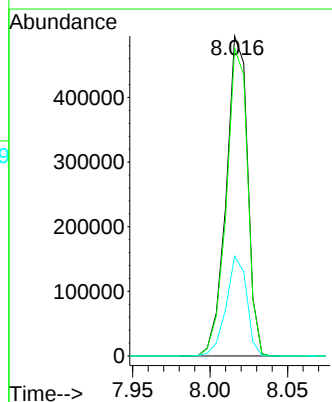
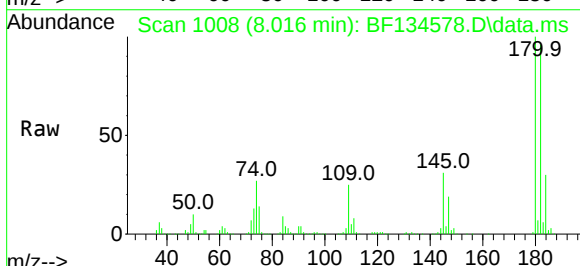
APPROVED

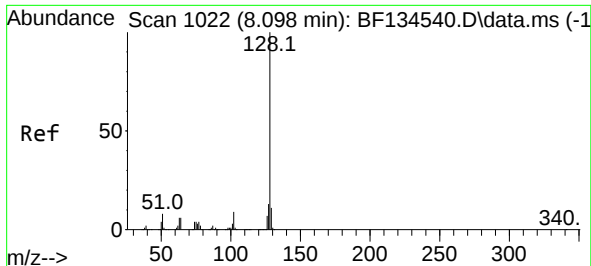
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#30
1,2,4-Trichlorobenzene
Concen: 38.317 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Tgt Ion:180 Resp: 476397
Ion Ratio Lower Upper
180 100
182 96.2 75.0 112.6
145 31.2 25.5 38.3





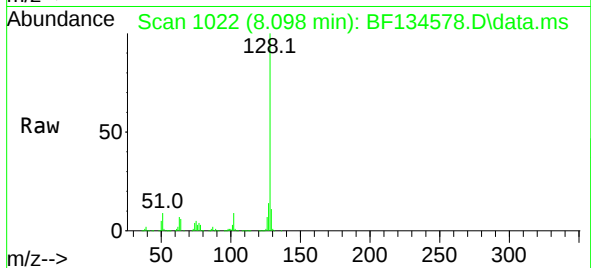
#31
Naphthalene
Concen: 37.117 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



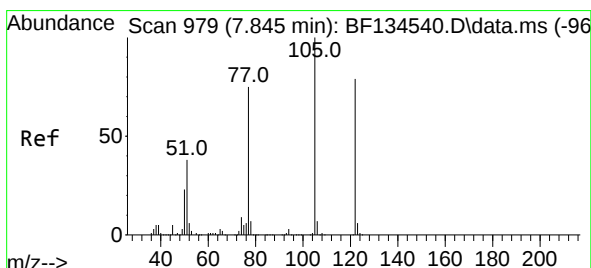
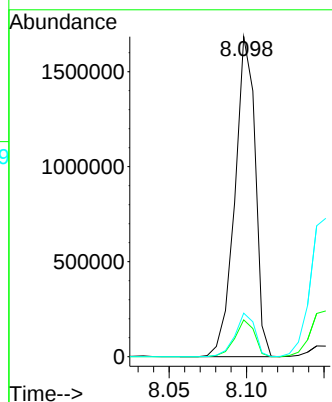
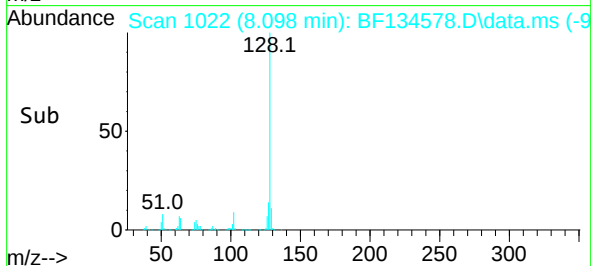
Tgt Ion:128 Resp: 153880
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.6 10.7 16.1

Manual Integrations

APPROVED

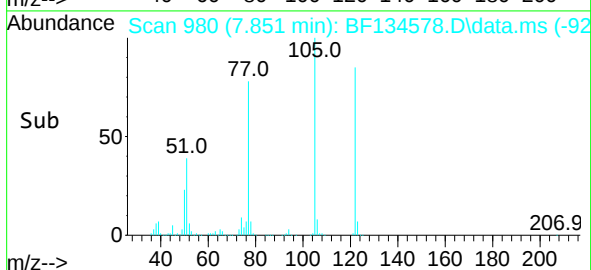
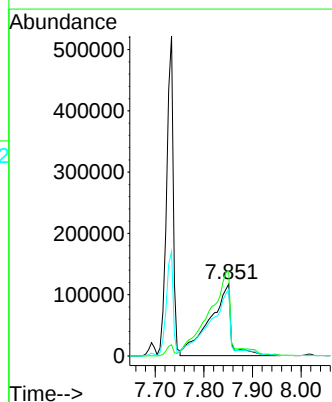
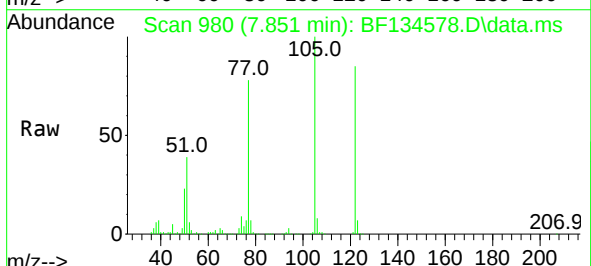
Reviewed By :Yogesh Patel 08/03/2023

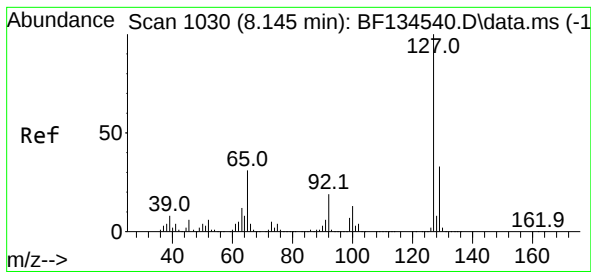
Supervised By :mohammad ahmed 08/03/2023



#32
Benzoic acid
Concen: 43.921 ng m
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Tgt Ion:122 Resp: 361348
Ion Ratio Lower Upper
122 100
105 118.1 87.5 127.5
77 92.6 71.4 111.4





#33
4-Chloroaniline
Concen: 36.801 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

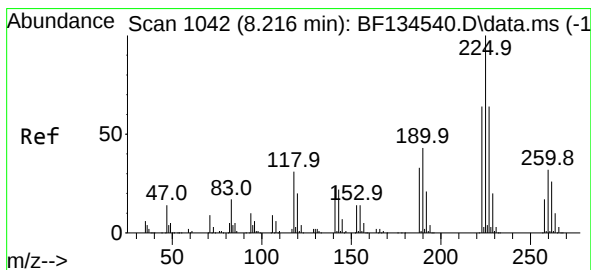
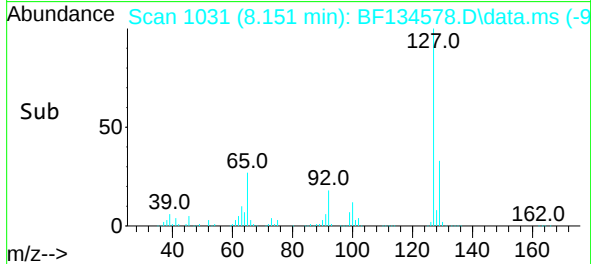
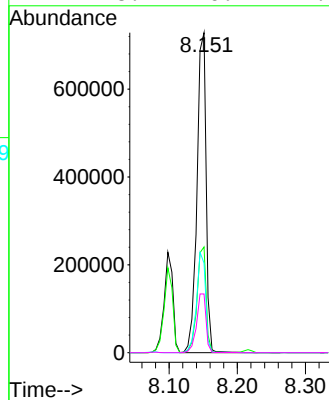
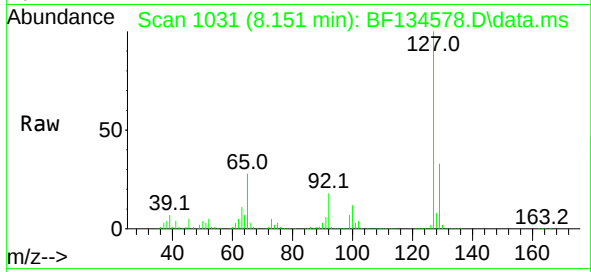
SSTDCCC040

Tgt Ion:127 Resp: 679799
Ion Ratio Lower Upper
127 100
129 33.0 25.6 38.4
65 28.0 25.4 38.0
92 18.4 16.2 24.4

Manual Integrations

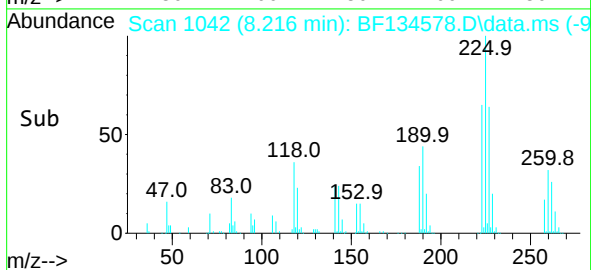
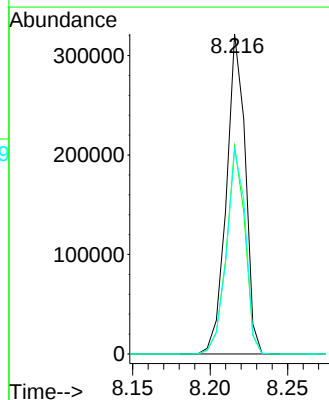
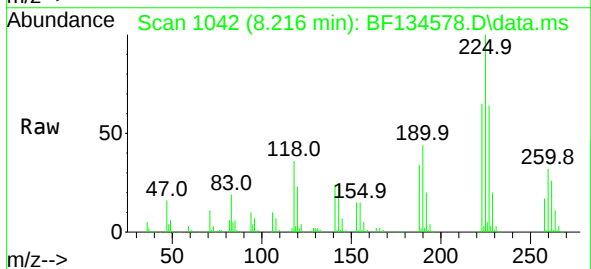
APPROVED

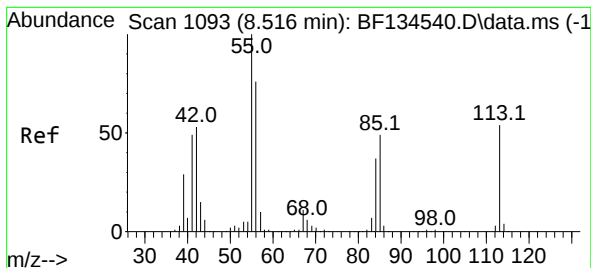
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#34
Hexachlorobutadiene
Concen: 37.956 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Tgt Ion:225 Resp: 272205
Ion Ratio Lower Upper
225 100
223 65.0 48.2 72.4
227 63.8 48.5 72.7





#35

Caprolactam

Concen: 39.236 ng

RT: 8.522 min Scan# 1094

Delta R.T. 0.006 min

Lab File: BF134578.D

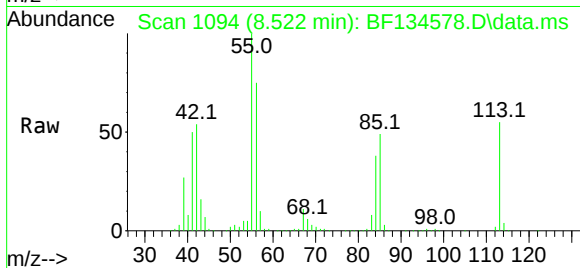
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:113 Resp: 14758

Ion Ratio Lower Upper

113 100

55 181.9 161.5 201.5

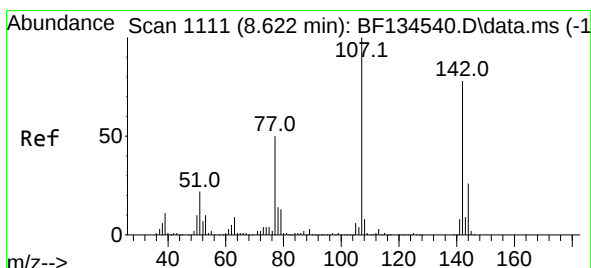
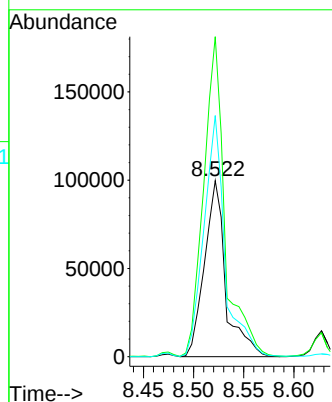
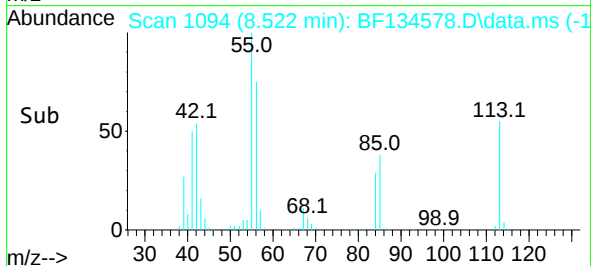
56 137.1 117.8 157.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#36

4-Chloro-3-methylphenol

Concen: 38.340 ng

RT: 8.627 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

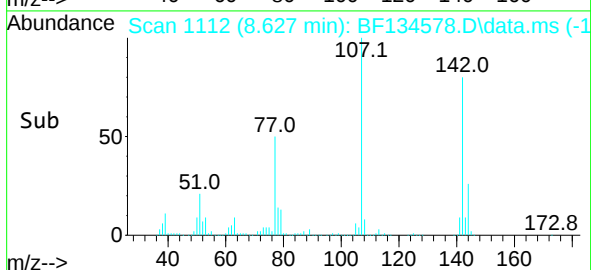
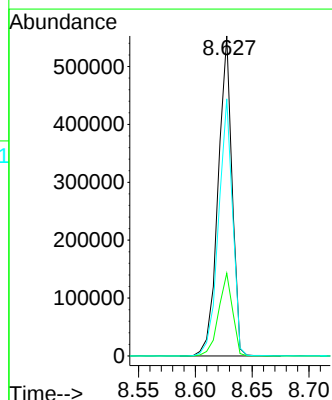
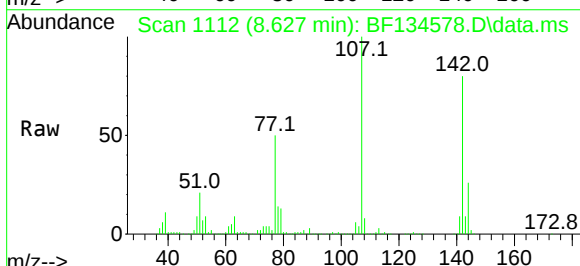
Tgt Ion:107 Resp: 473408

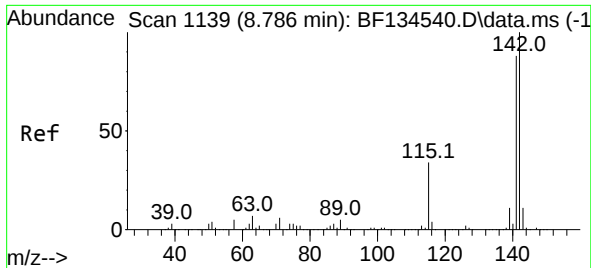
Ion Ratio Lower Upper

107 100

144 25.9 19.6 29.4

142 80.4 57.7 86.5





#37

2-Methylnaphthalene

Concen: 37.224 ng

RT: 8.792 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 102292

Ion Ratio Lower Upper

142 100

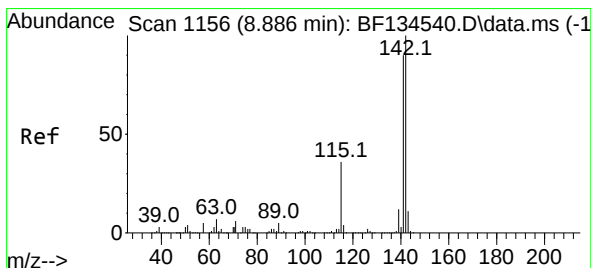
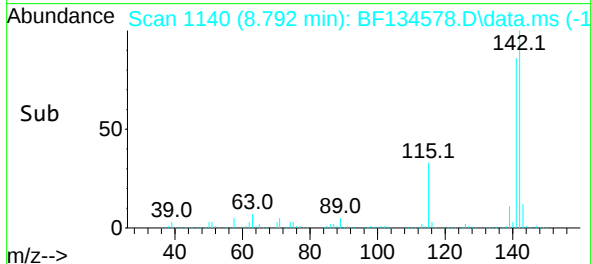
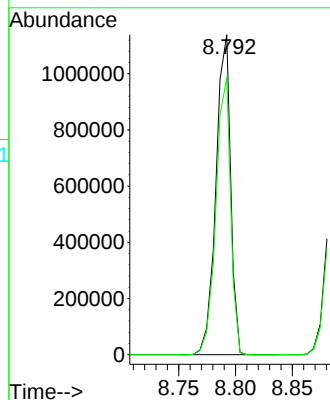
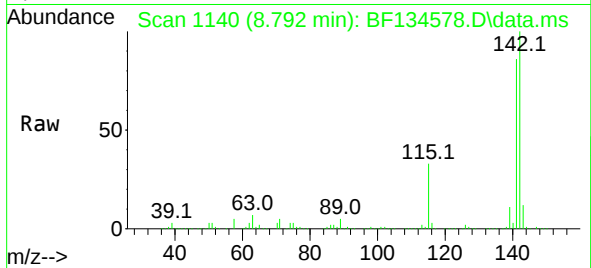
141 86.4 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#38

1-Methylnaphthalene

Concen: 37.308 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF134578.D

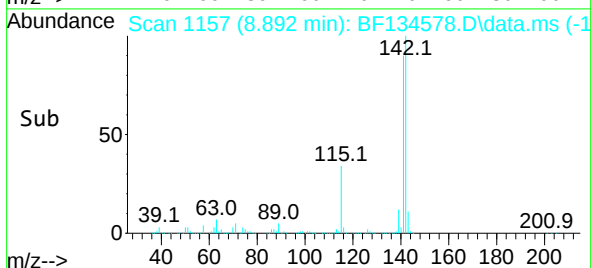
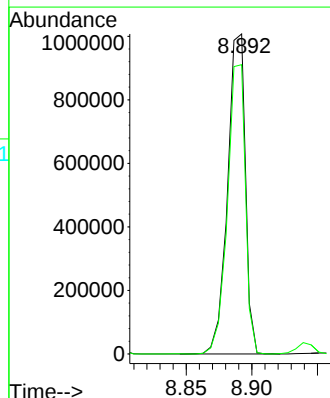
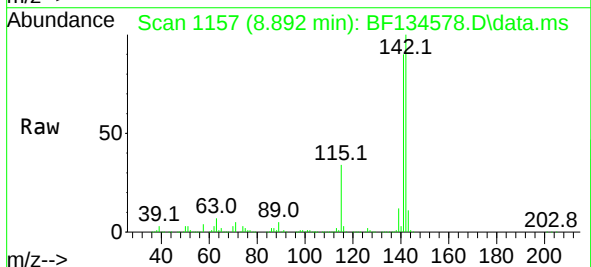
Acq: 02 Aug 2023 14:07

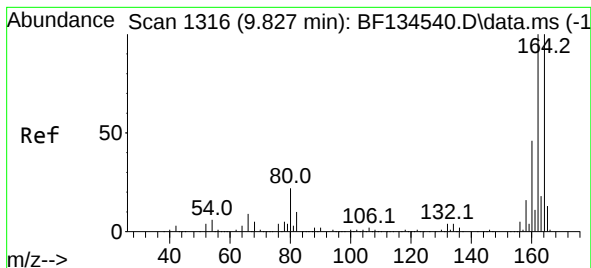
Tgt Ion:142 Resp: 953340

Ion Ratio Lower Upper

142 100

141 90.4 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF134578.D

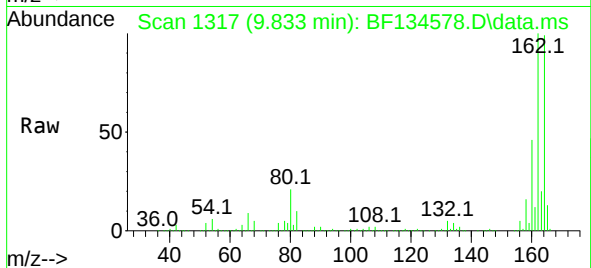
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 411660

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

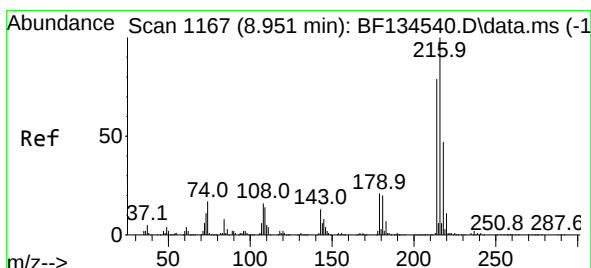
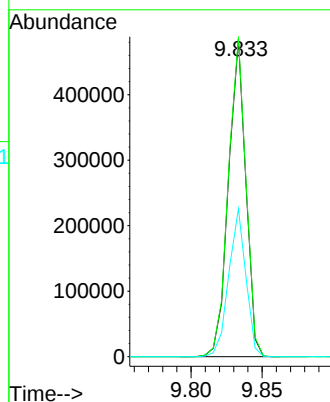
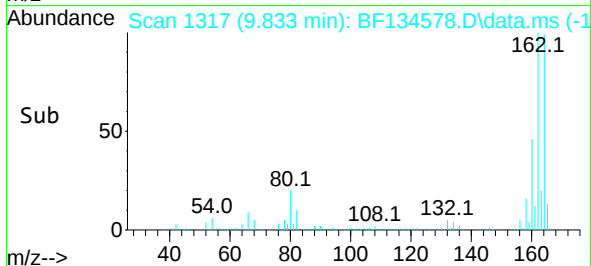
160 46.6 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.590 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

Tgt Ion:216 Resp: 461956

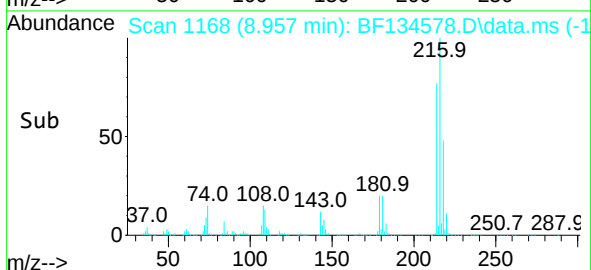
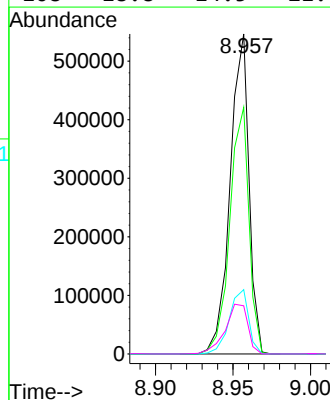
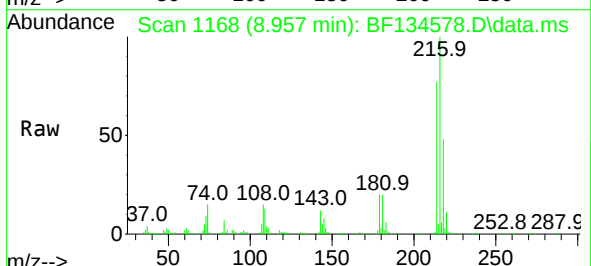
Ion Ratio Lower Upper

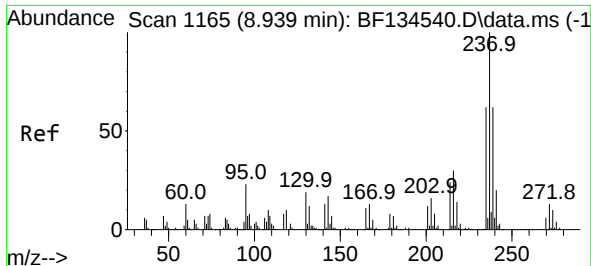
216 100

214 78.4 62.3 93.5

179 20.8 17.4 26.0

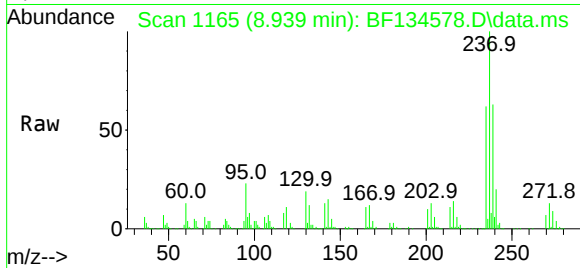
108 18.8 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 43.830 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

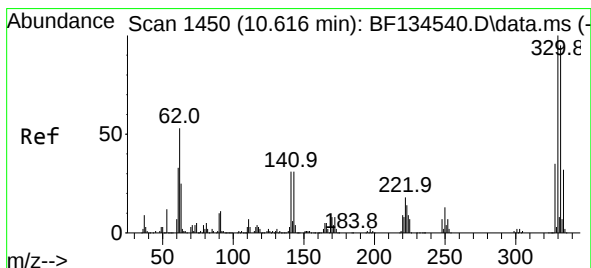
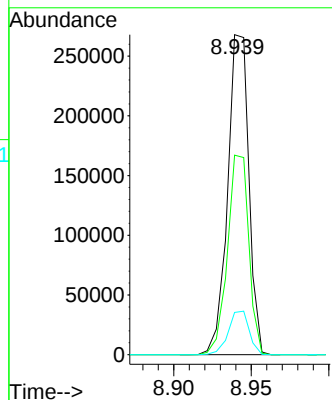
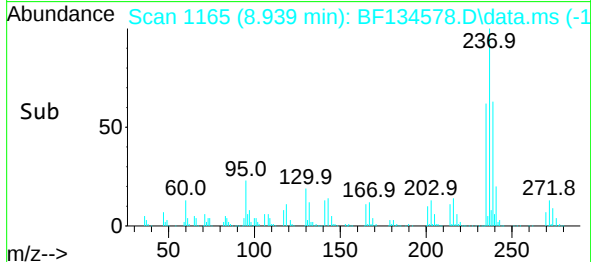
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



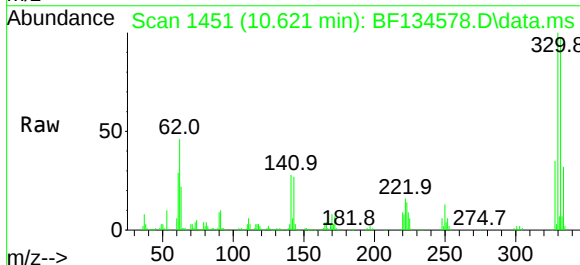
Tgt Ion:237 Resp: 25514
Ion Ratio Lower Upper
237 100
235 62.3 37.0 77.0
272 13.2 0.0 32.7

Manual Integrations
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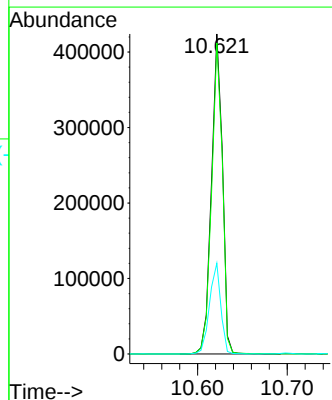
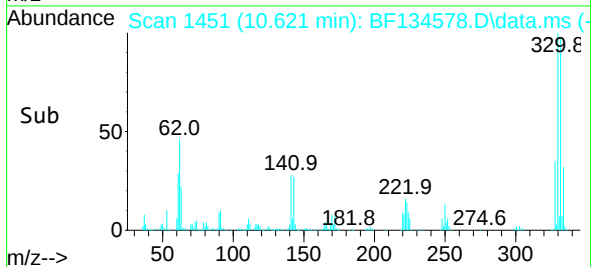
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

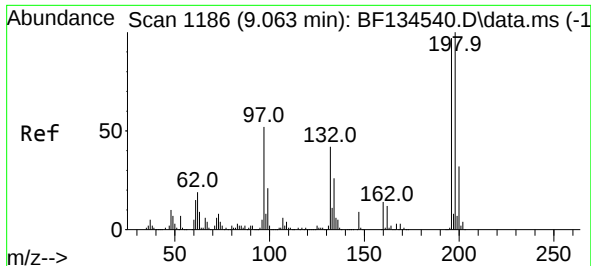


#42
2,4,6-Tribromophenol
Concen: 85.706 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:330 Resp: 359665
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 29.2 25.4 38.2





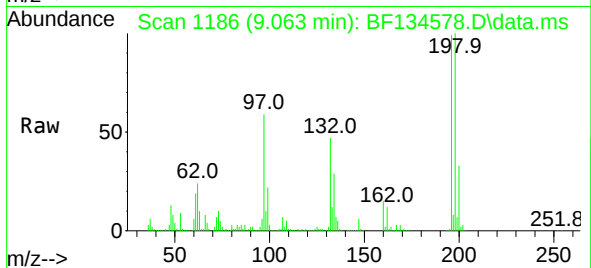
#43
2,4,6-Trichlorophenol
Concen: 40.423 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

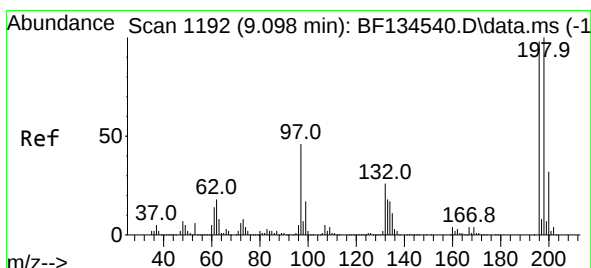
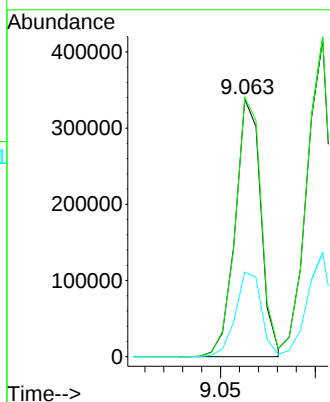
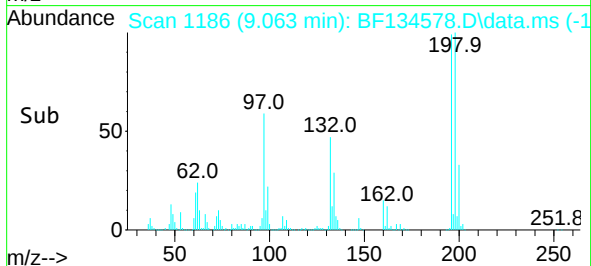
SSTDCCC040



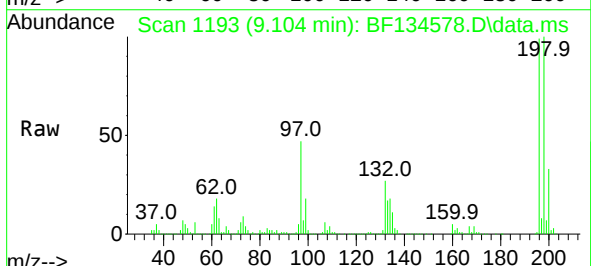
Tgt Ion:196 Resp: 31668
Ion Ratio Lower Upper
196 100
198 100.6 77.4 116.2
200 32.9 25.4 38.2

Manual Integrations
APPROVED

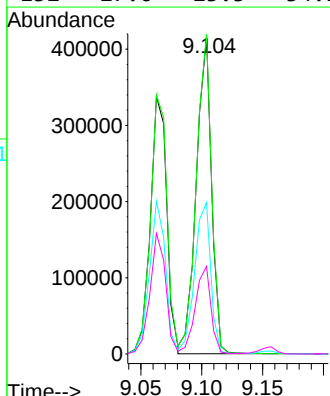
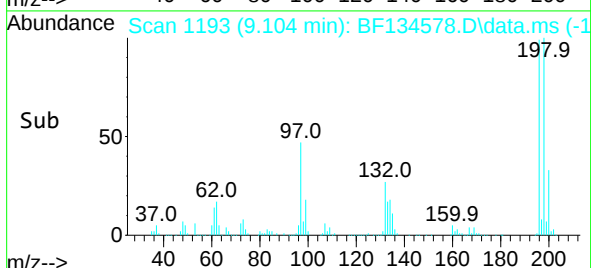
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

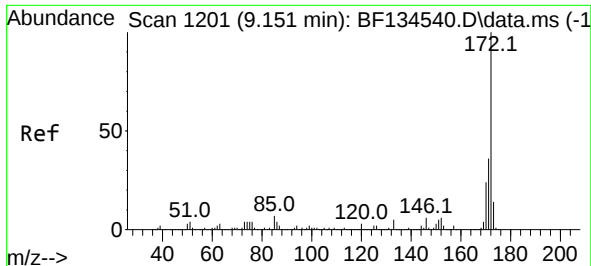


#44
2,4,5-Trichlorophenol
Concen: 40.607 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:196 Resp: 363597
Ion Ratio Lower Upper
196 100
198 100.8 73.0 109.4
97 47.7 40.8 61.2
132 27.6 23.3 34.9





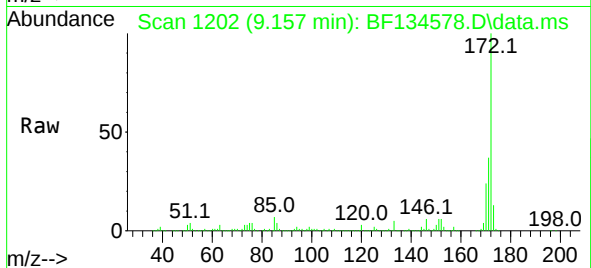
#45
2-Fluorobiphenyl
Concen: 74.517 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

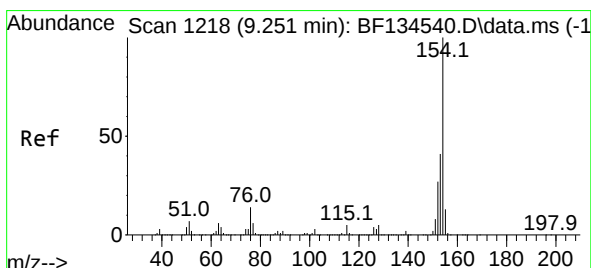
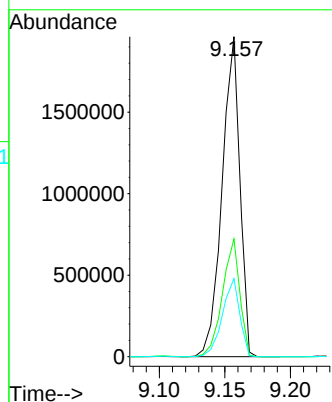
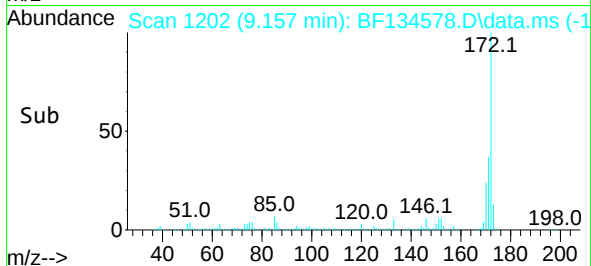


Tgt Ion:172 Resp: 1844933
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.4 18.7 28.1

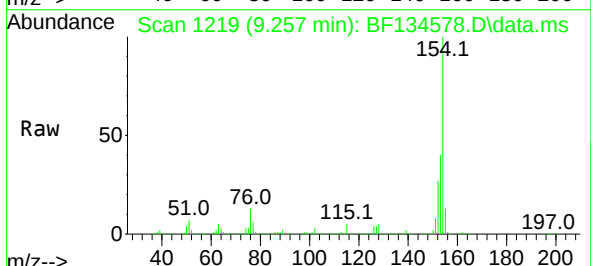
Manual Integrations

APPROVED

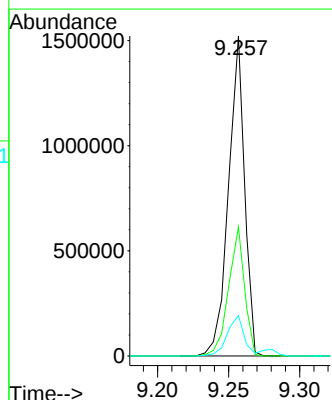
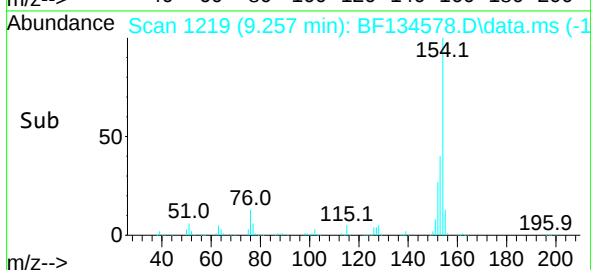
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

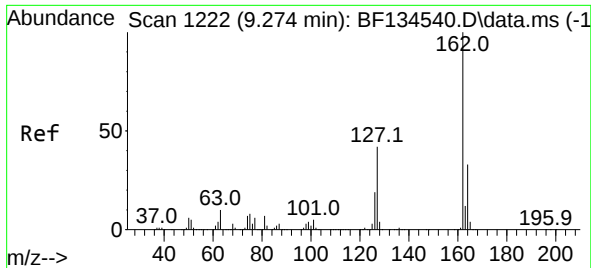


#46
1,1'-Biphenyl
Concen: 37.498 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:154 Resp: 1200390
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 12.6 0.0 30.2





#47

2-Chloronaphthalene

Concen: 37.666 ng

RT: 9.280 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 903470

Ion Ratio Lower Upper

162 100

127 41.0 34.0 51.0

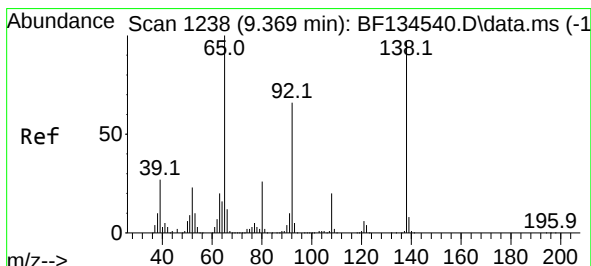
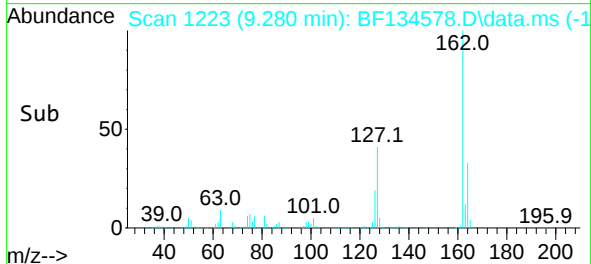
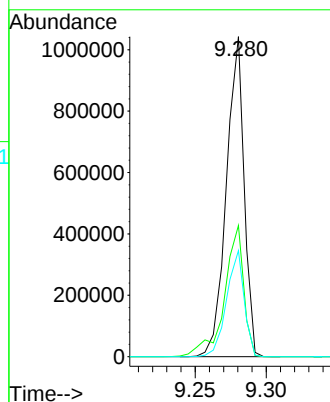
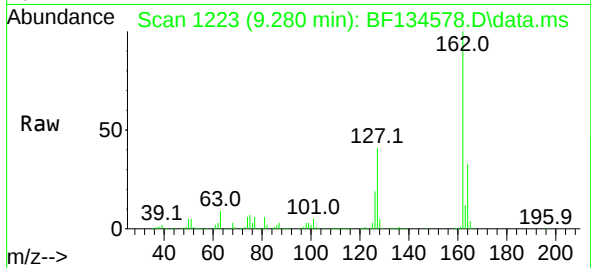
164 33.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#48

2-Nitroaniline

Concen: 41.780 ng

RT: 9.374 min Scan# 1239

Delta R.T. 0.005 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

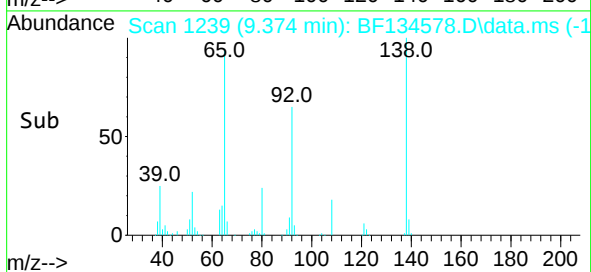
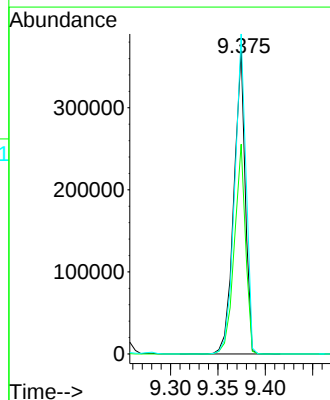
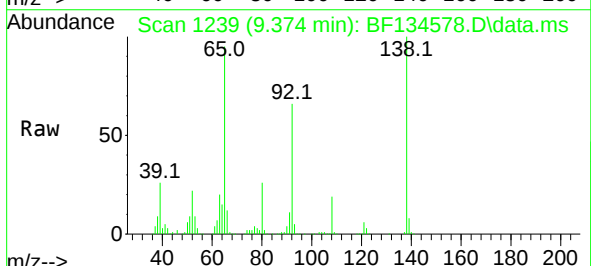
Tgt Ion: 65 Resp: 309154

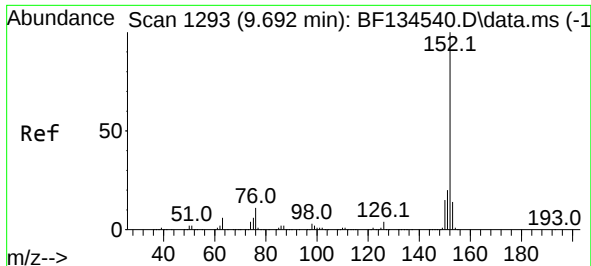
Ion Ratio Lower Upper

65 100

92 69.1 50.7 76.1

138 105.5 78.2 117.4





#49

Acenaphthylene

Concen: 37.864 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF134578.D

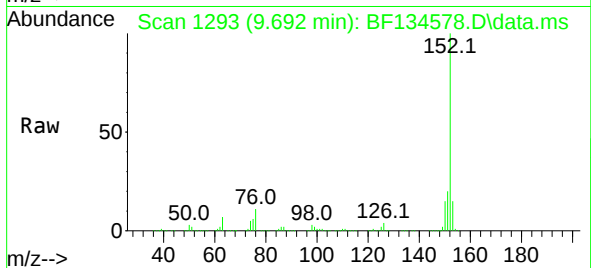
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:152 Resp: 1427634

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

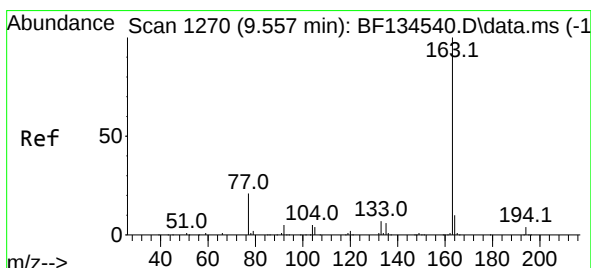
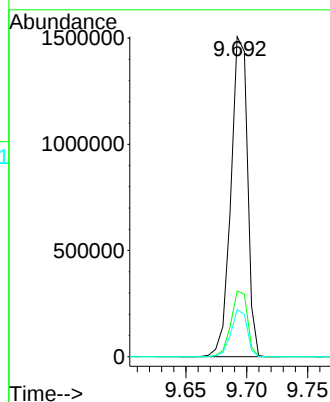
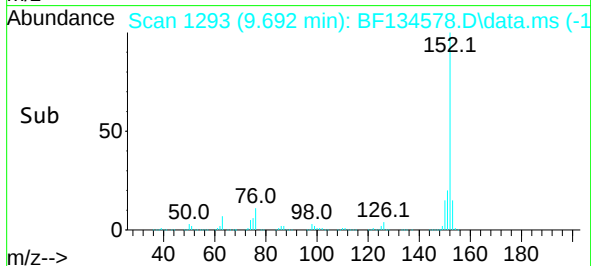
153 14.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#50

Dimethylphthalate

Concen: 37.770 ng

RT: 9.563 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

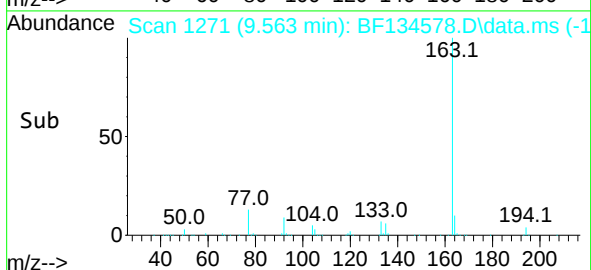
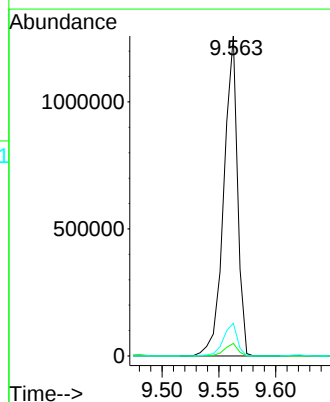
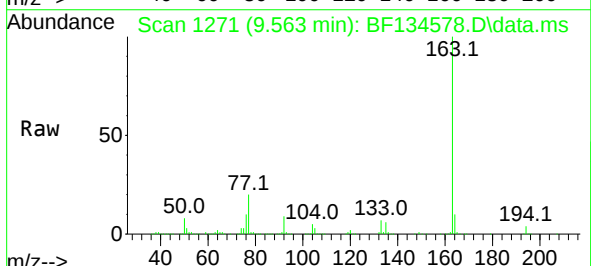
Tgt Ion:163 Resp: 1059724

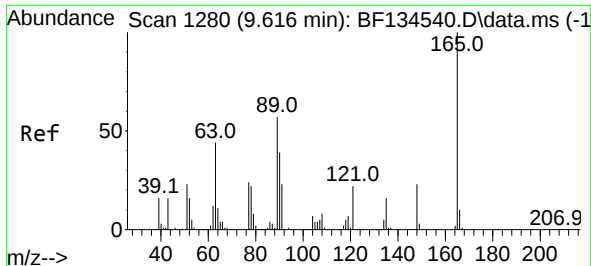
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 7.5 11.3





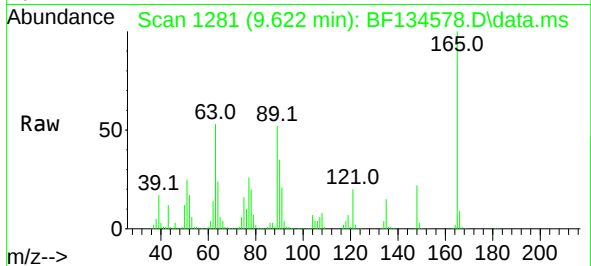
#51
2,6-Dinitrotoluene
Concen: 42.433 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

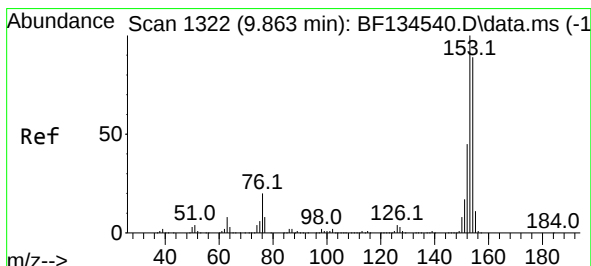
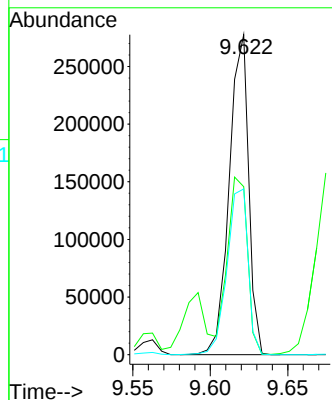
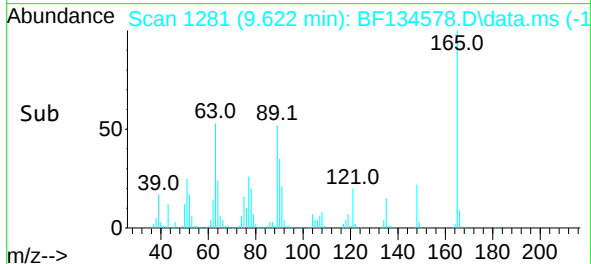


Tgt Ion:165 Resp: 24218
Ion Ratio Lower Upper
165 100
63 52.5 57.8 86.6
89 51.8 51.8 77.8

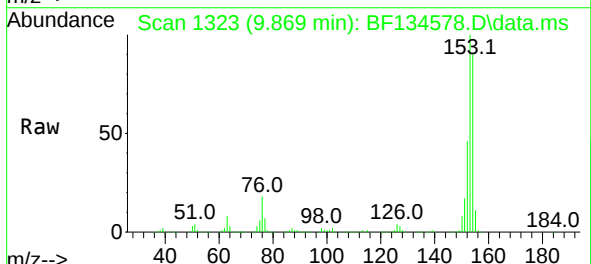
Manual Integrations

APPROVED

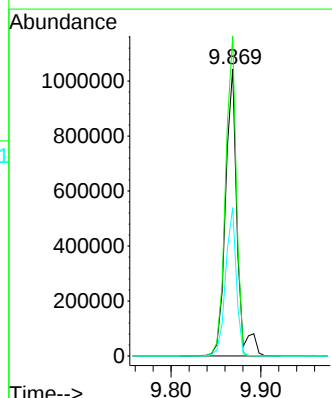
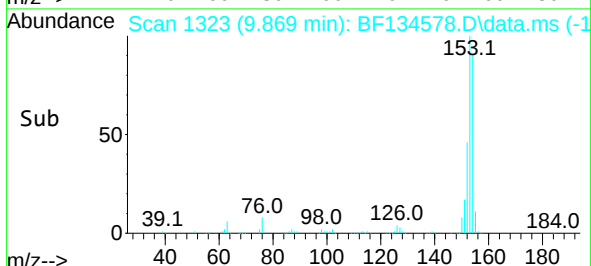
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

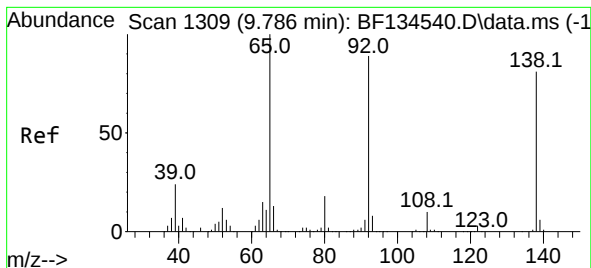


#52
Acenaphthene
Concen: 38.376 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:154 Resp: 937691
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 51.7 42.4 63.6





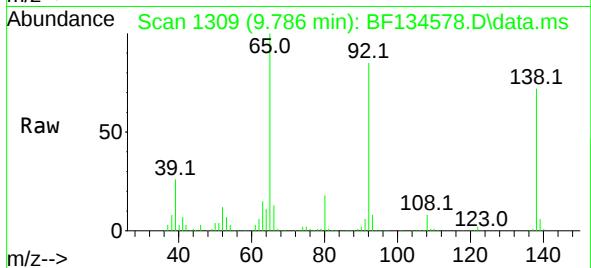
#53
3-Nitroaniline
Concen: 45.607 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



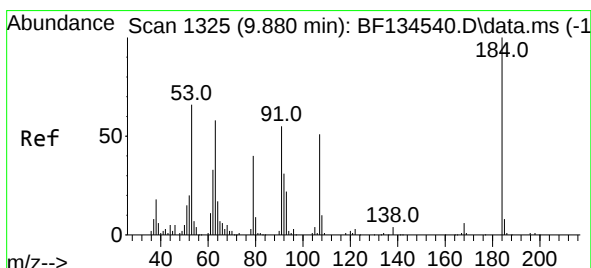
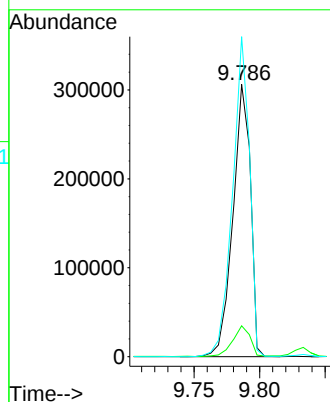
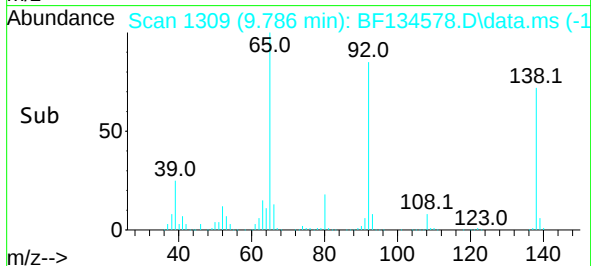
Tgt Ion:138 Resp: 28521
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 117.5 86.6 129.8

Manual Integrations

APPROVED

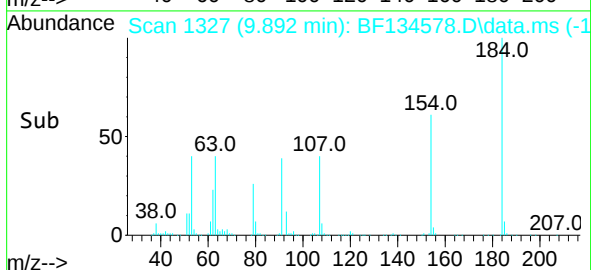
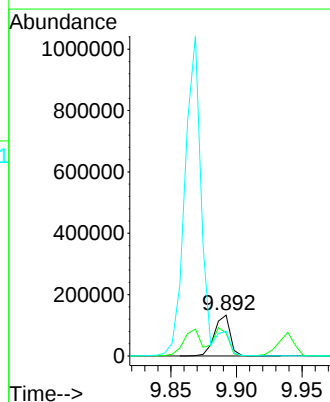
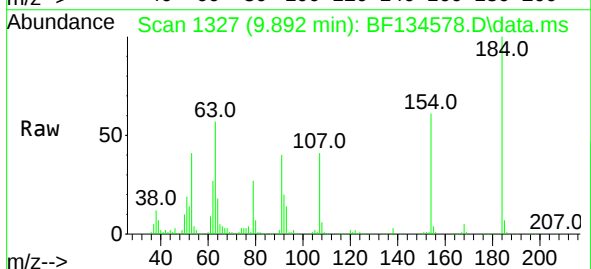
Reviewed By :Yogesh Patel 08/03/2023

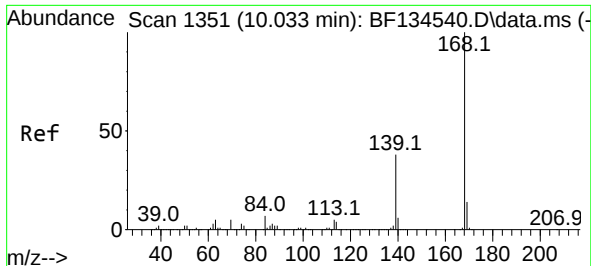
Supervised By :mohammad ahmed 08/03/2023



#54
2,4-Dinitrophenol
Concen: 56.071 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

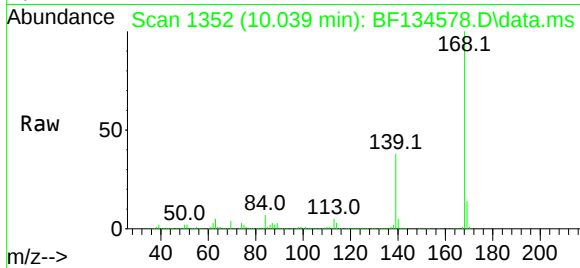
Tgt Ion:184 Resp: 110180
Ion Ratio Lower Upper
184 100
63 56.5 57.1 85.7#
154 60.7 59.1 88.7





#55
Dibenzenofuran
Concen: 37.342 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

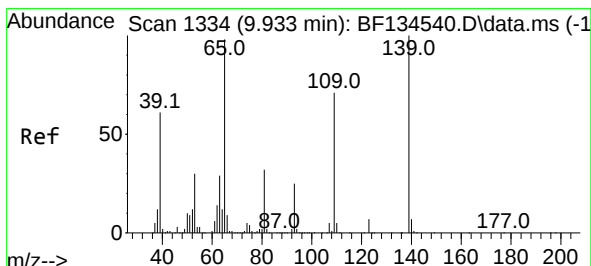
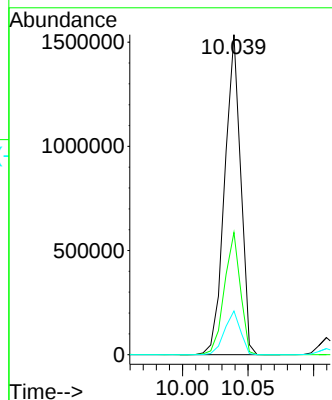
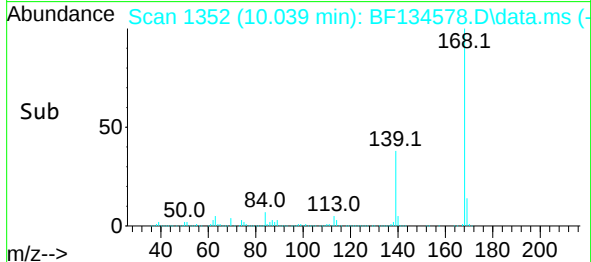
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 129887
Ion Ratio Lower Upper
168 100
139 38.2 33.4 50.2
169 13.7 10.6 15.8

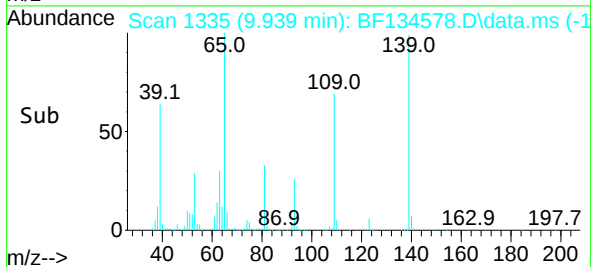
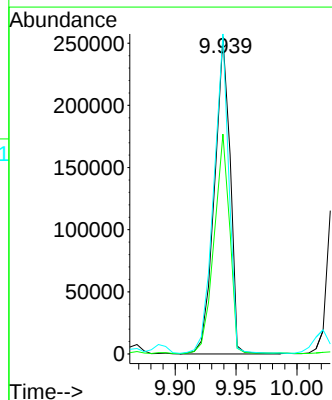
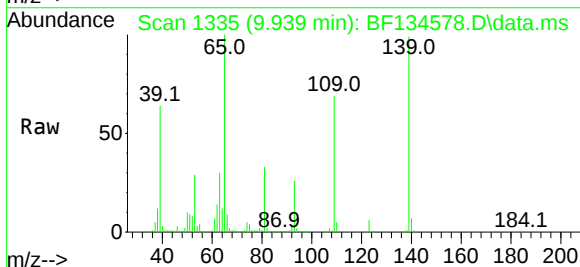
Manual Integrations
APPROVED

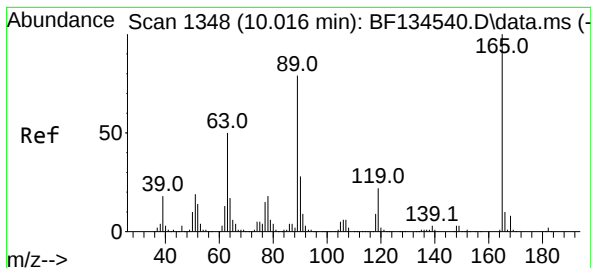
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#56
4-Nitrophenol
Concen: 44.534 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Tgt Ion:139 Resp: 227782
Ion Ratio Lower Upper
139 100
109 69.3 76.9 116.9#
65 100.9 98.5 138.5





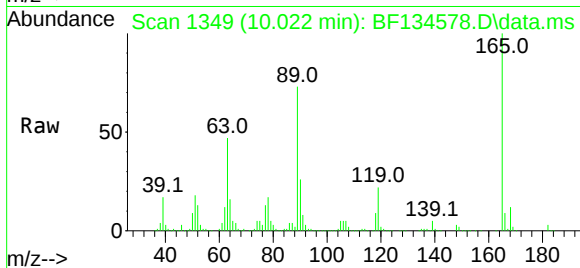
#57
2,4-Dinitrotoluene
Concen: 44.769 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



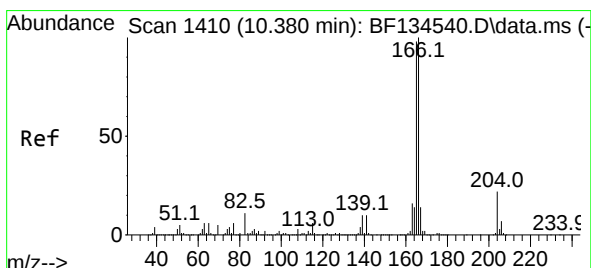
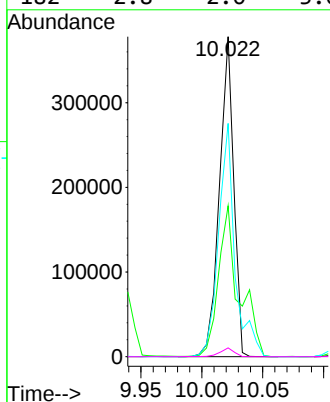
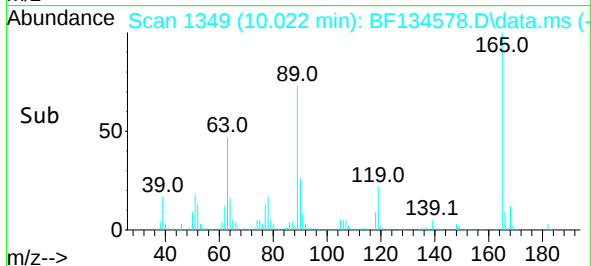
Tgt Ion:165 Resp: 309438
Ion Ratio Lower Upper
165 100
63 47.2 48.9 73.3
89 72.9 61.7 92.5
182 2.8 2.0 3.0

Manual Integrations

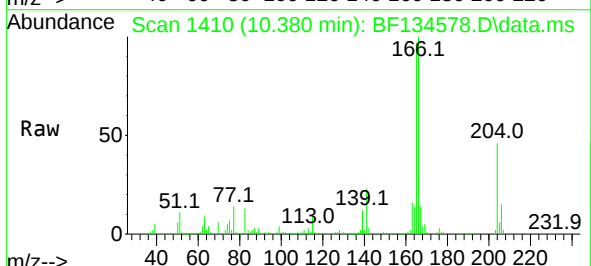
APPROVED

Reviewed By :Yogesh Patel 08/03/2023

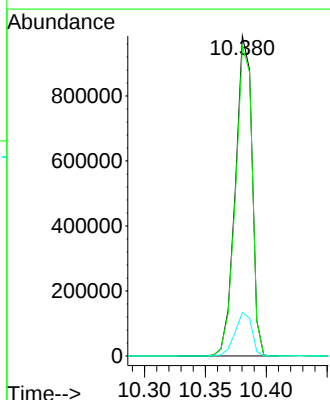
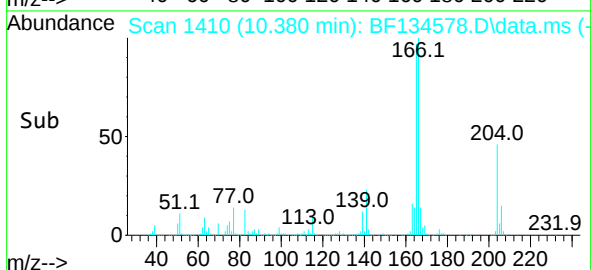
Supervised By :mohammad ahmed 08/03/2023

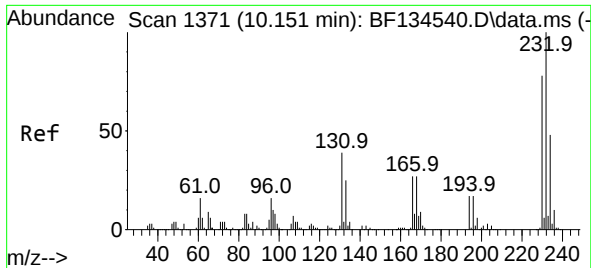


#58
Fluorene
Concen: 36.869 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:166 Resp: 934107
Ion Ratio Lower Upper
166 100
165 96.7 74.5 111.7
167 13.6 10.6 16.0





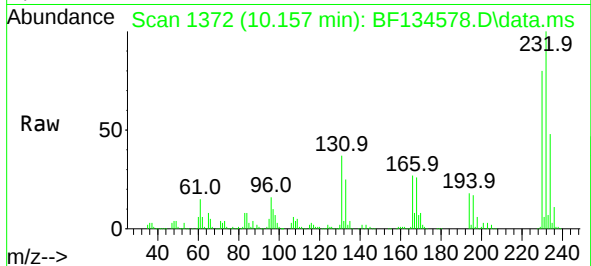
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.303 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

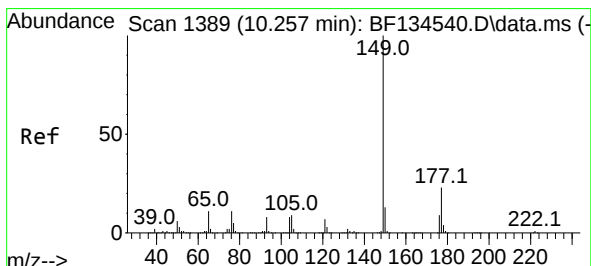
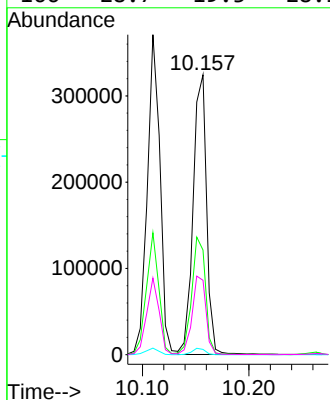
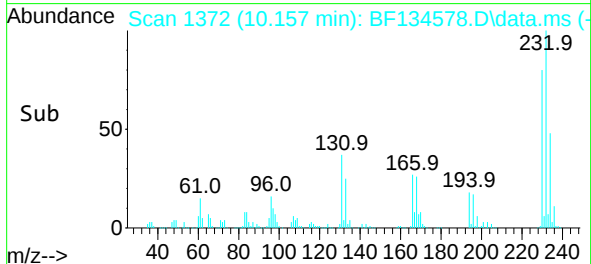


Tgt Ion:232 Resp: 285501
Ion Ratio Lower Upper
232 100
131 43.0 33.4 50.0
130 2.2 1.8 2.6
166 28.7 19.3 28.9

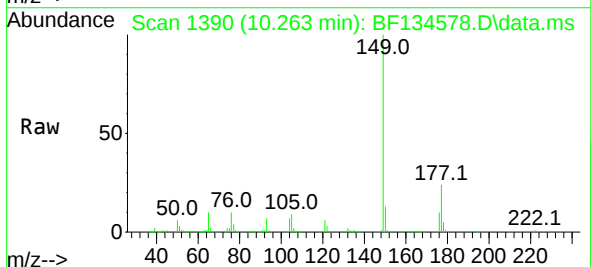
Manual Integrations

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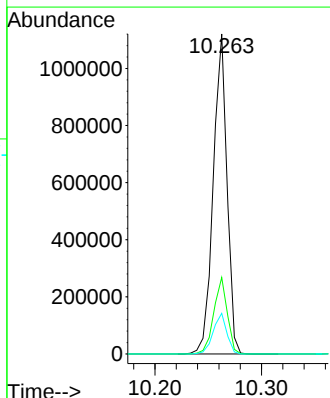
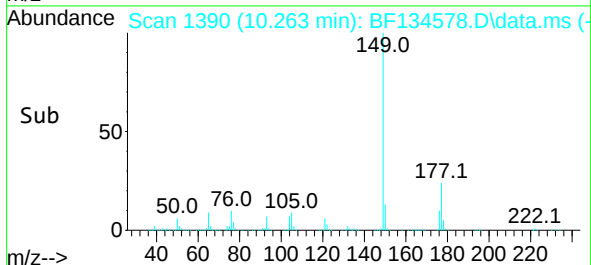
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

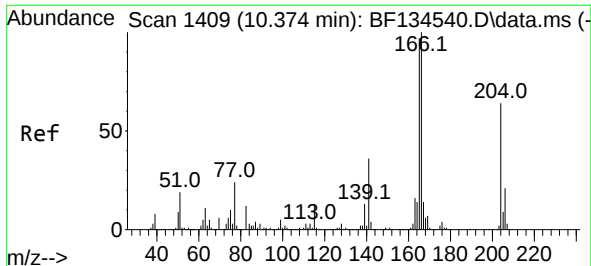


#60
Diethylphthalate
Concen: 37.800 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:149 Resp: 1005281
Ion Ratio Lower Upper
149 100
177 23.9 17.0 25.4
150 12.7 9.9 14.9





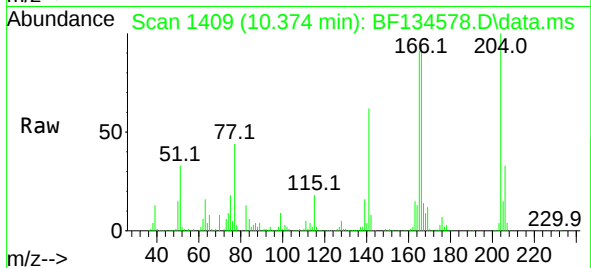
#61
4-Chlorophenyl-phenylether
Concen: 36.891 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

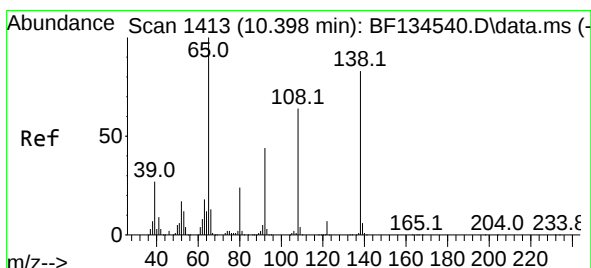
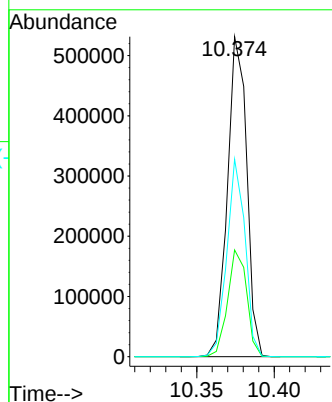
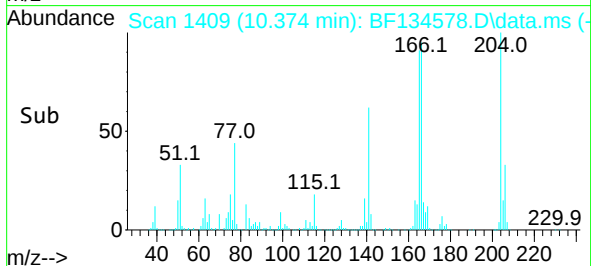


Tgt Ion:204 Resp: 459400
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 61.7 52.2 78.4

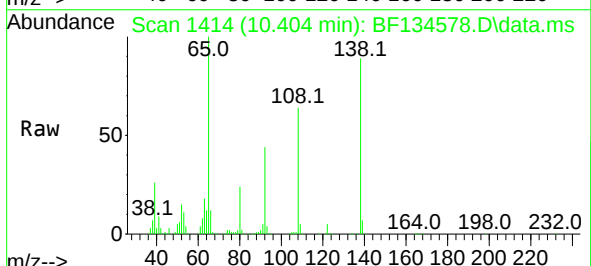
Manual Integrations

APPROVED

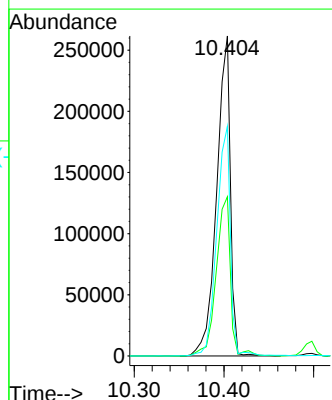
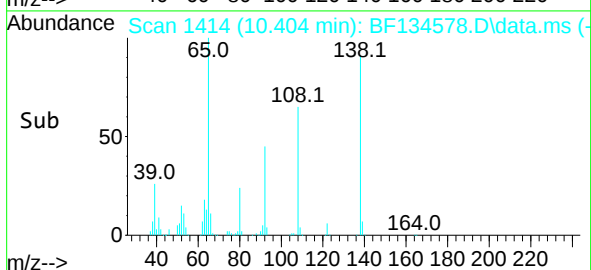
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

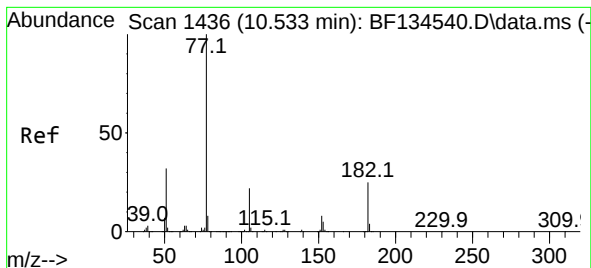


#62
4-Nitroaniline
Concen: 45.139 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



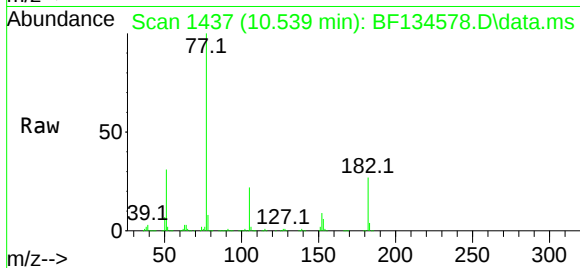
Tgt Ion:138 Resp: 276688
Ion Ratio Lower Upper
138 100
92 49.7 27.0 67.0
108 71.7 70.4 110.4





#63
Azobenzene
Concen: 37.185 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

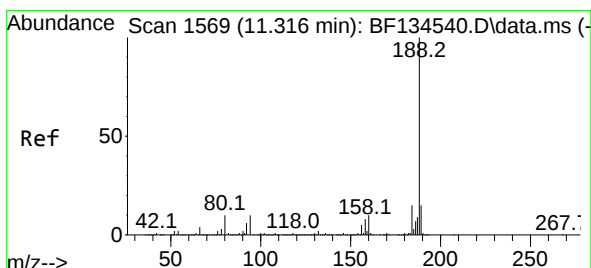
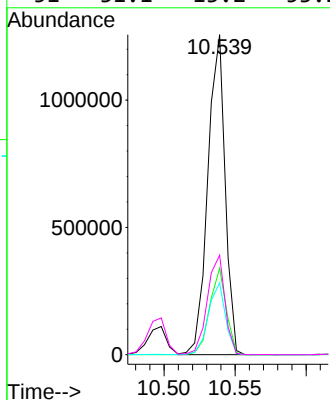
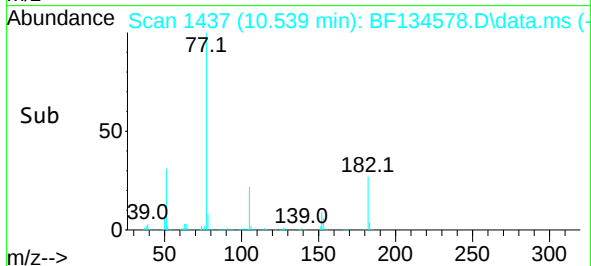
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



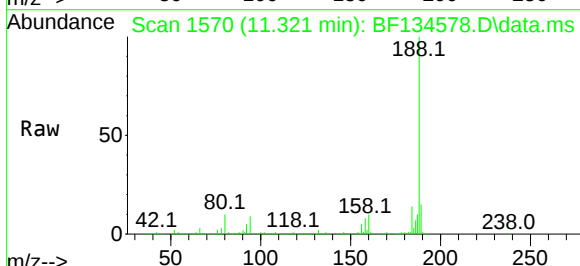
Tgt Ion: 77 Resp: 106249
Ion Ratio Lower Upper
77 100
182 27.0 7.5 47.5
105 22.4 1.9 41.9
51 31.1 13.2 53.2

Manual Integrations
APPROVED

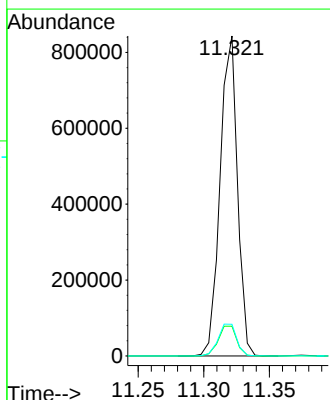
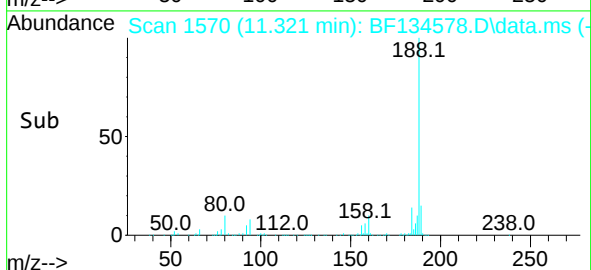
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

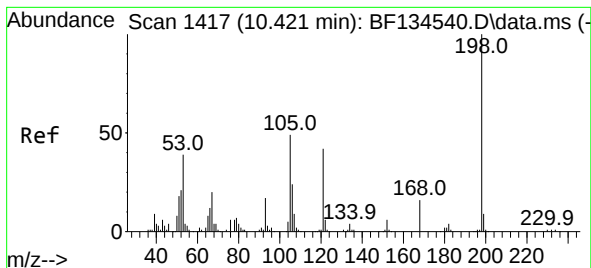


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



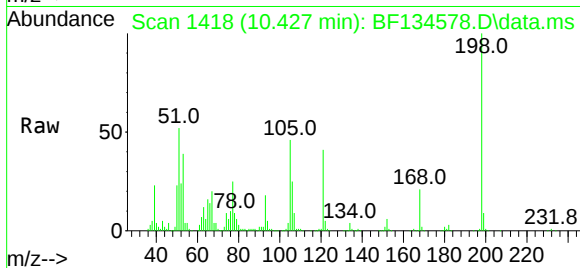
Tgt Ion:188 Resp: 773921
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 9.9 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 50.231 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

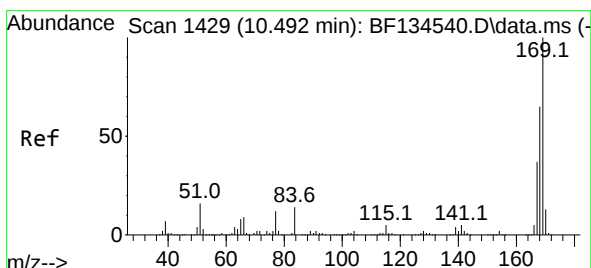
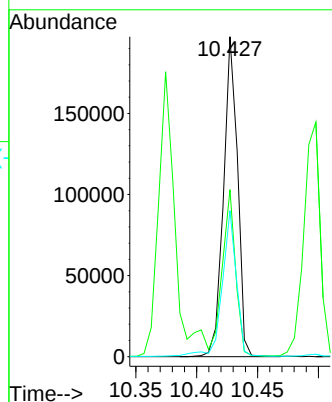
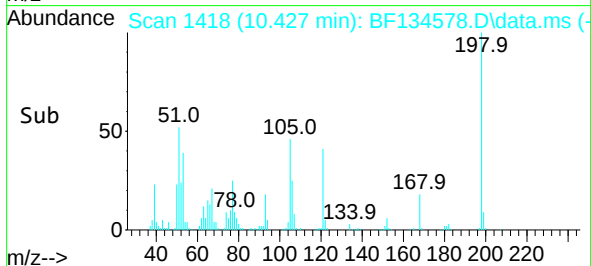
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



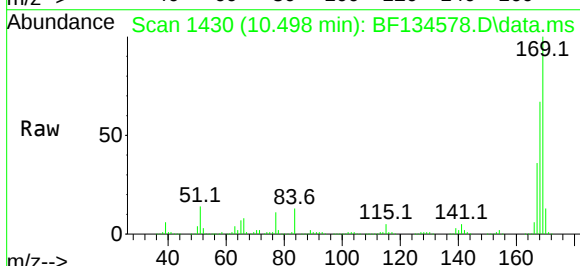
Tgt Ion:198 Resp: 158670
Ion Ratio Lower Upper
198 100
51 52.2 38.6 78.6
105 45.6 27.9 67.9

Manual Integrations
APPROVED

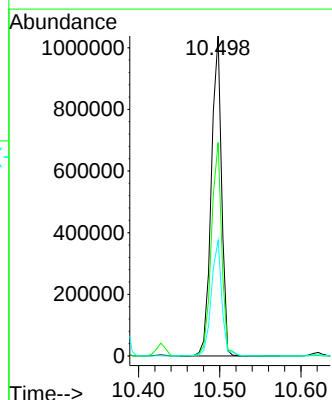
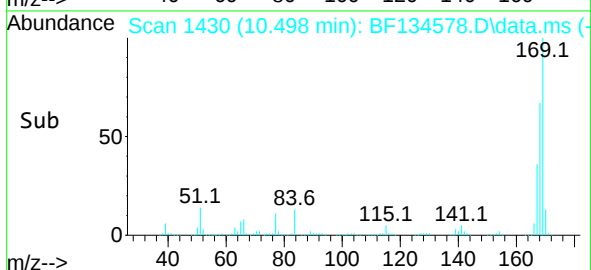
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

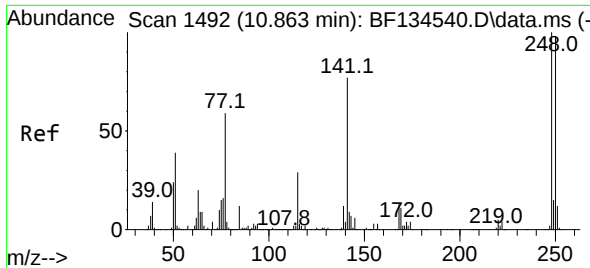


#66
n-Nitrosodiphenylamine
Concen: 36.830 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:169 Resp: 907240
Ion Ratio Lower Upper
169 100
168 66.7 52.6 78.8
167 36.1 29.8 44.8





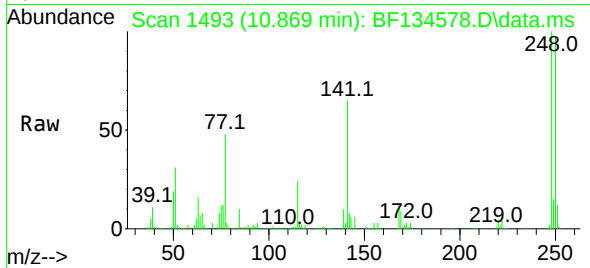
#67
4-Bromophenyl-phenylether
Concen: 37.688 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

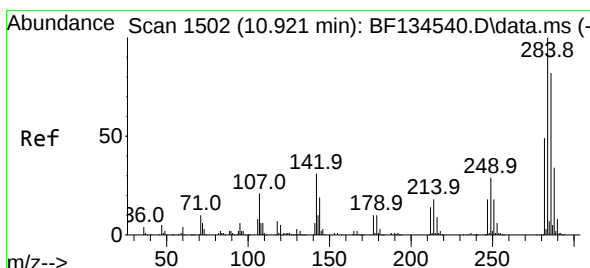
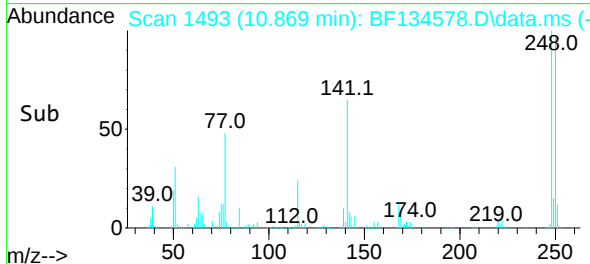
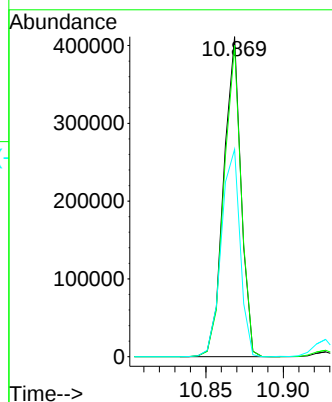


Tgt Ion:248 Resp: 319294
Ion Ratio Lower Upper
248 100
250 97.2 79.6 119.4
141 64.8 59.6 89.4

Manual Integrations

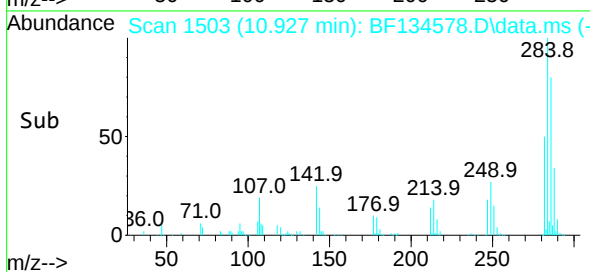
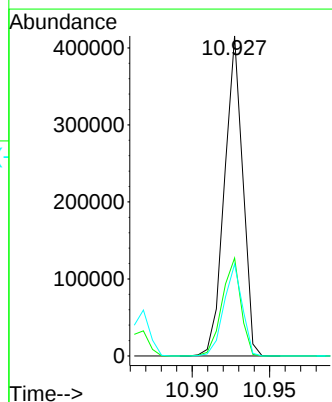
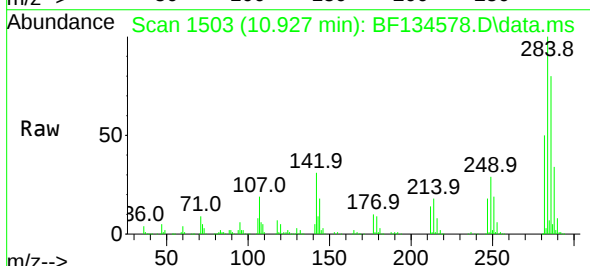
APPROVED

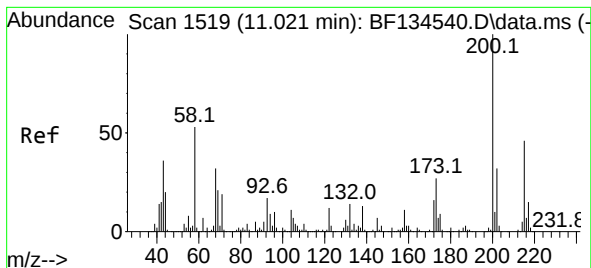
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#68
Hexachlorobenzene
Concen: 38.065 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Tgt Ion:284 Resp: 340540
Ion Ratio Lower Upper
284 100
142 30.6 26.5 39.7
249 28.7 23.8 35.8





#69

Atrazine

Concen: 39.448 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF134578.D

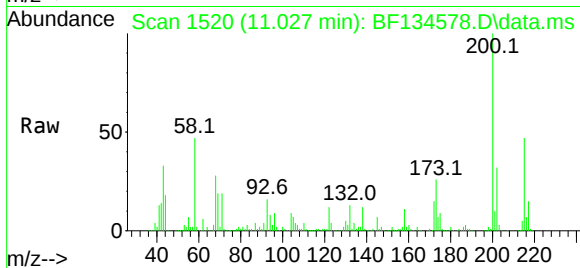
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:200 Resp: 261912

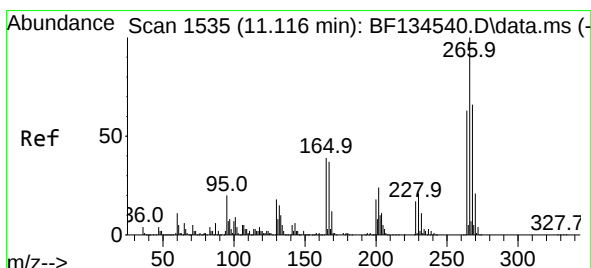
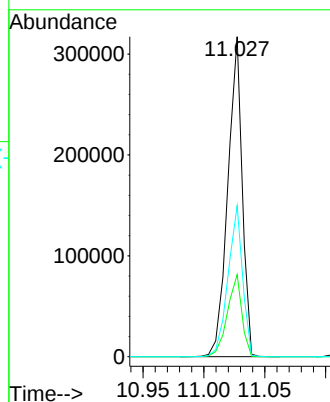
Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.1	46.1
215	47.2	29.7	69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#70

Pentachlorophenol

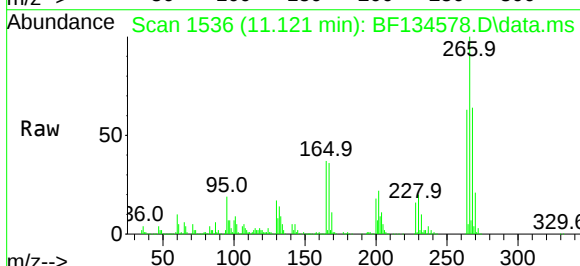
Concen: 42.963 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.006 min

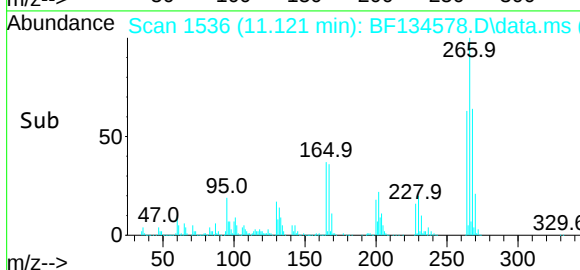
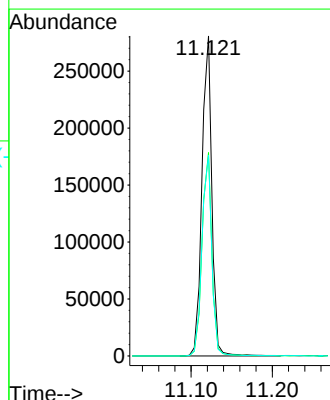
Lab File: BF134578.D

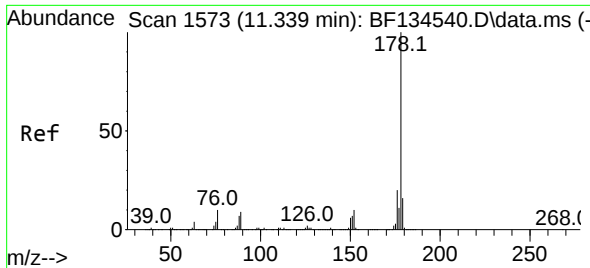
Acq: 02 Aug 2023 14:07



Tgt Ion:266 Resp: 237982

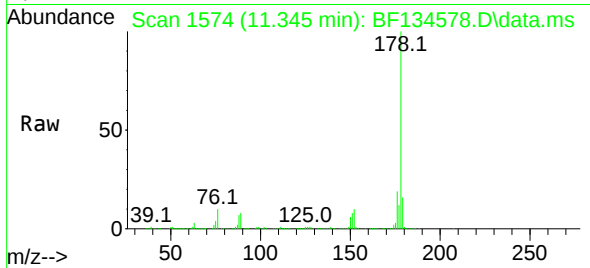
Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.9	79.3
264	62.8	47.8	71.6





#71
Phenanthrene
Concen: 36.456 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

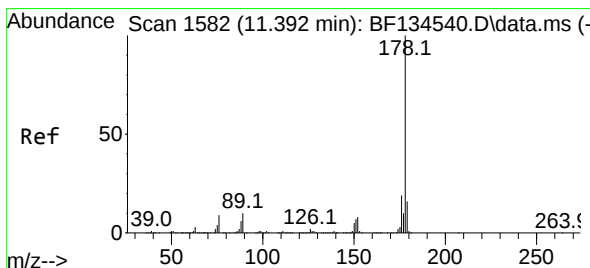
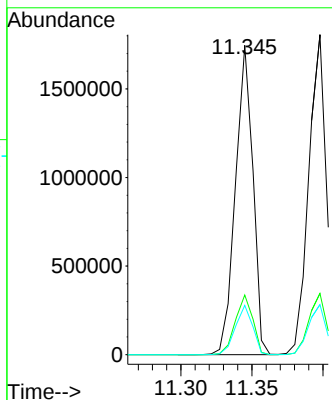
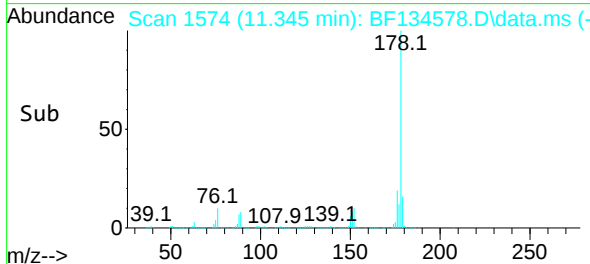
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



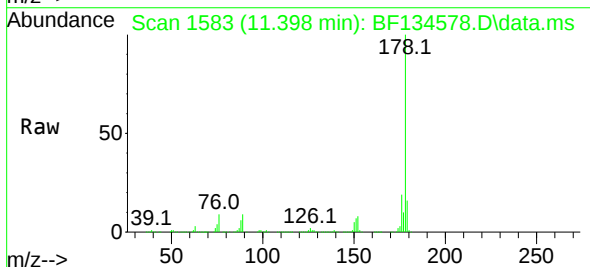
Tgt Ion:178 Resp: 1498619
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.9 12.7 19.1

Manual Integrations
APPROVED

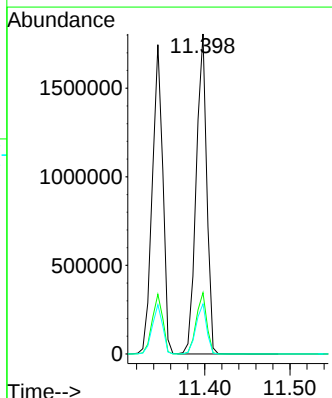
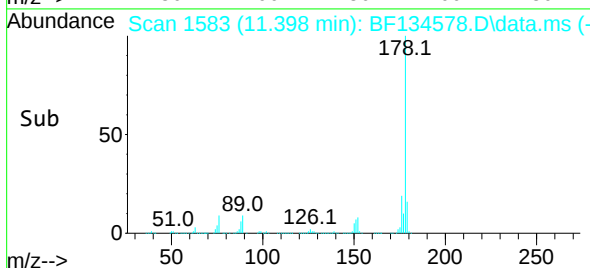
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

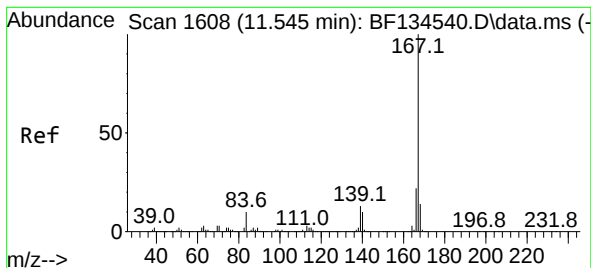


#72
Anthracene
Concen: 36.937 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



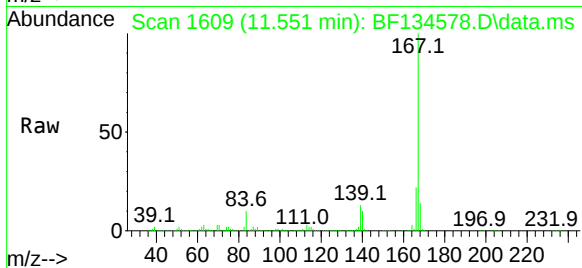
Tgt Ion:178 Resp: 1550966
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 36.663 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. 0.006 min
 Lab File: BF134578.D
 Acq: 02 Aug 2023 14:07

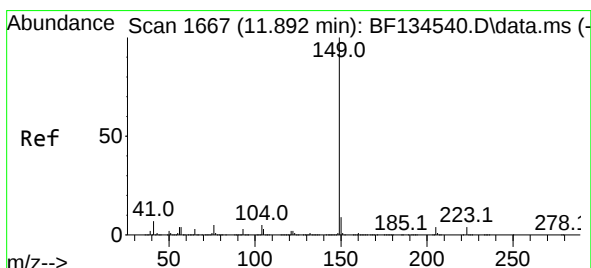
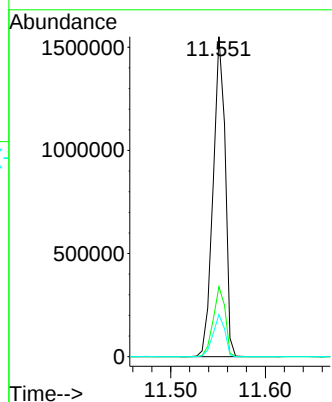
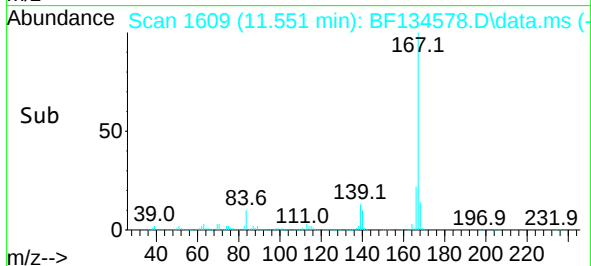
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



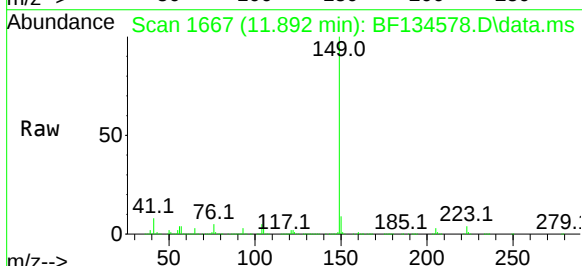
Tgt Ion:167 Resp: 1374529
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.1 11.0 16.4

Manual Integrations
 APPROVED

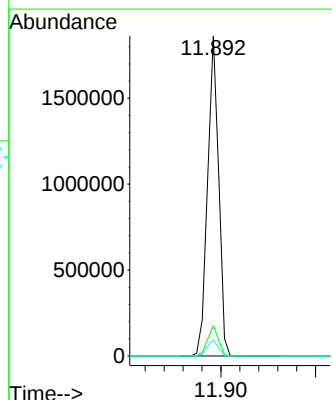
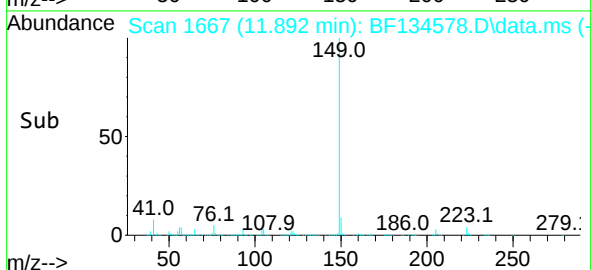
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

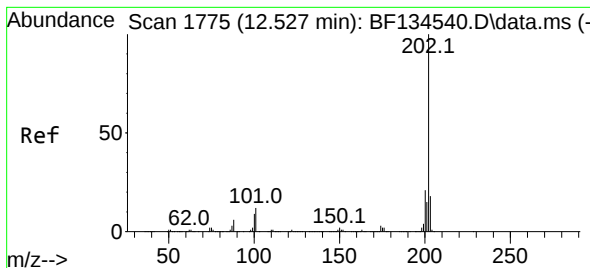


#74
 Di-n-butylphthalate
 Concen: 37.800 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF134578.D
 Acq: 02 Aug 2023 14:07



Tgt Ion:149 Resp: 1505579
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 5.0 3.8 5.8





#75

Fluoranthene

Concen: 36.656 ng

RT: 12.533 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 159170

Ion Ratio Lower Upper

202 100

101 13.1 0.0 28.5

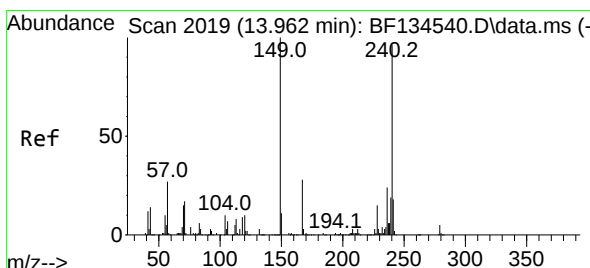
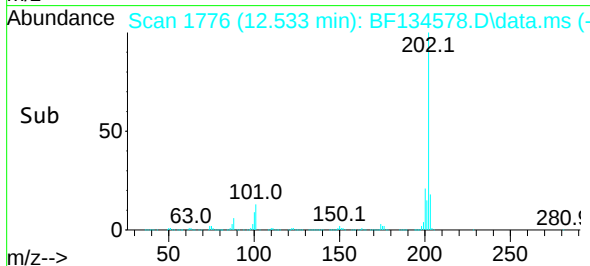
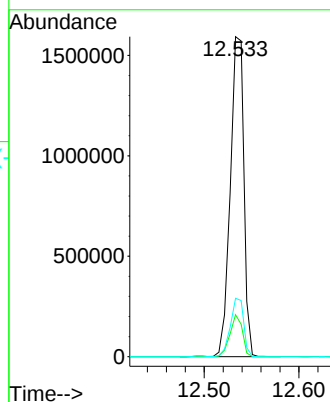
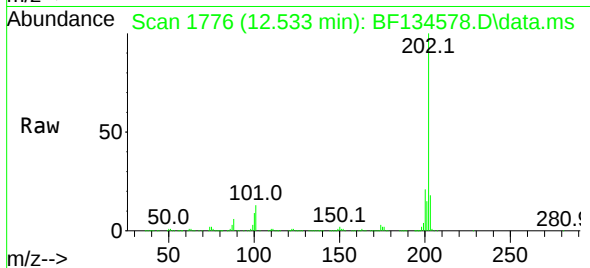
203 18.3 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

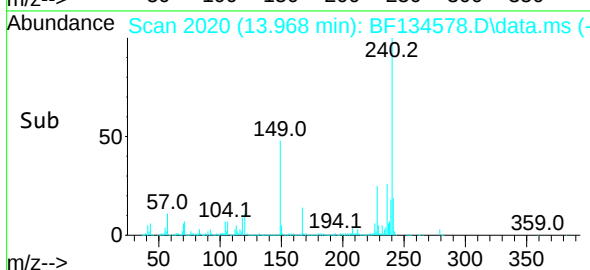
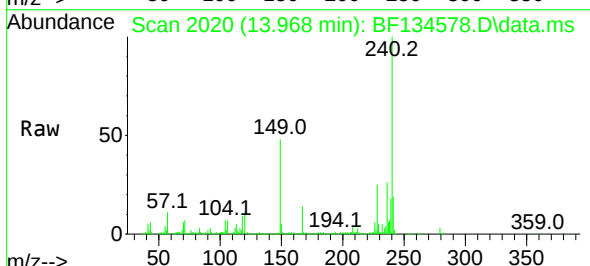
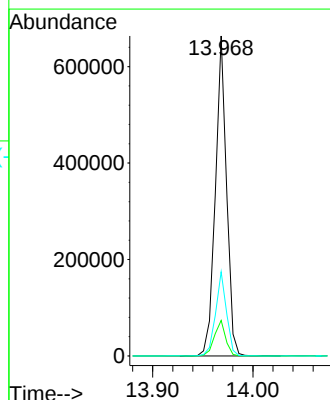
Tgt Ion:240 Resp: 515271

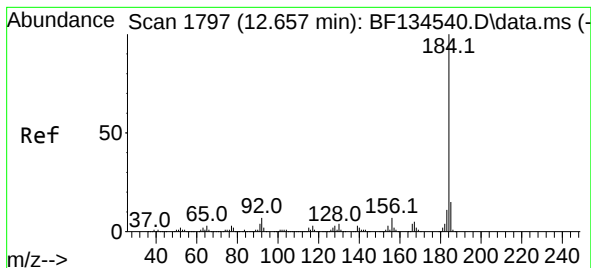
Ion Ratio Lower Upper

240 100

120 11.1 6.6 10.0#

236 26.3 20.2 30.2





#77

Benzidine

Concen: 40.802 ng

RT: 12.657 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134578.D

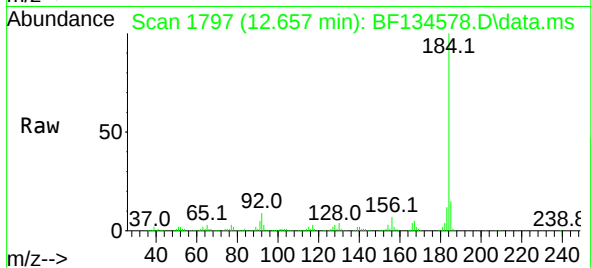
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 456390

Ion Ratio Lower Upper

184 100

185 14.6 11.2 16.8

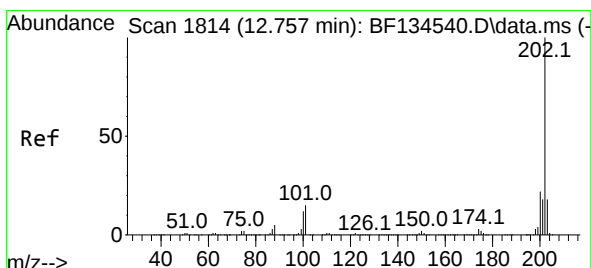
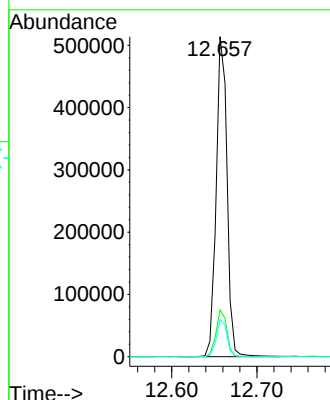
183 11.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#78

Pyrene

Concen: 37.146 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

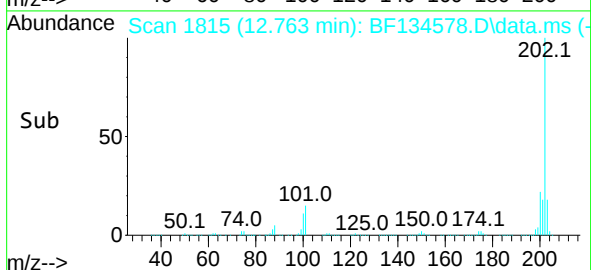
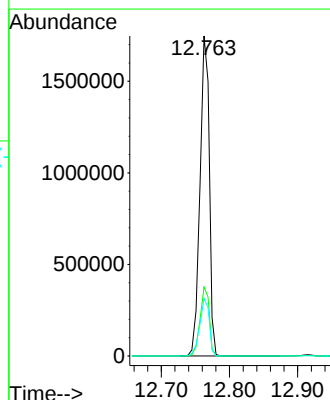
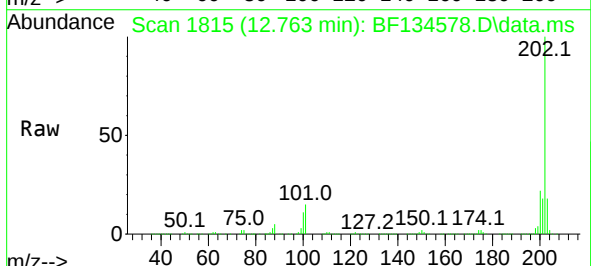
Tgt Ion:202 Resp: 1656221

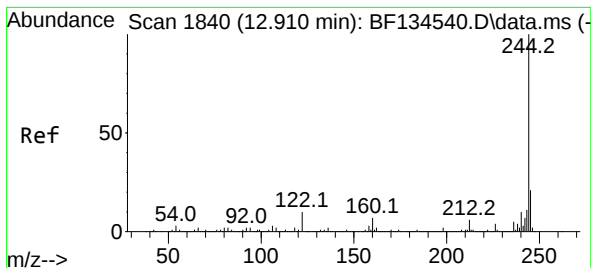
Ion Ratio Lower Upper

202 100

200 21.5 15.8 23.8

203 18.0 13.5 20.3





#79

Terphenyl-d14

Concen: 73.373 ng

RT: 12.915 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF134578.D

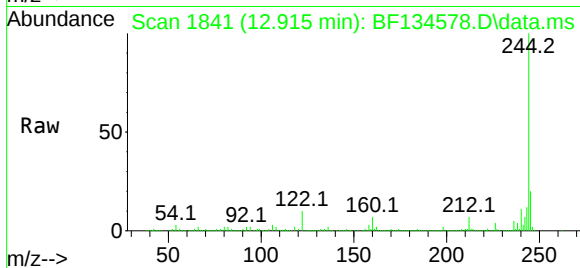
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 2144640

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

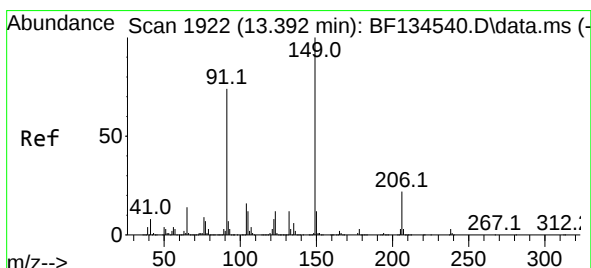
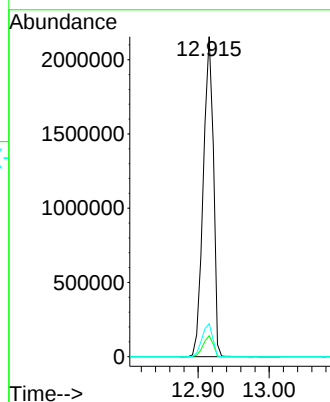
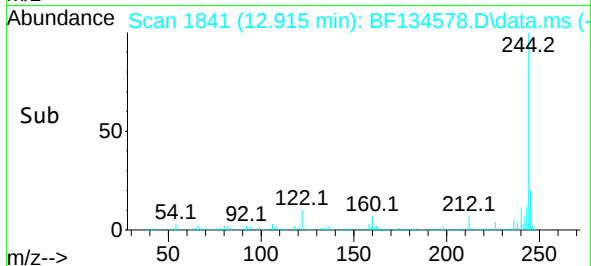
122 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#80

Butylbenzylphthalate

Concen: 40.877 ng

RT: 13.398 min Scan# 1923

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

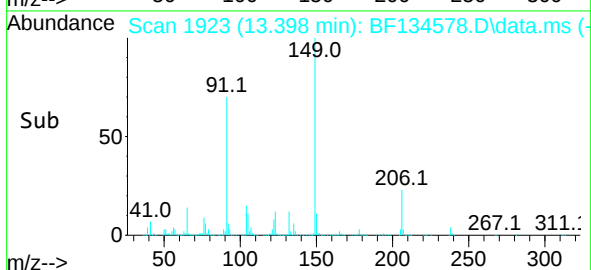
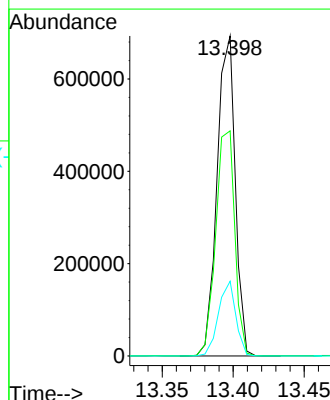
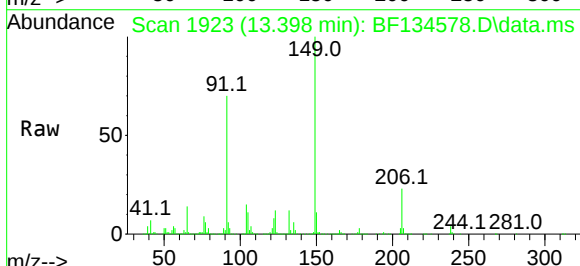
Tgt Ion:149 Resp: 616304

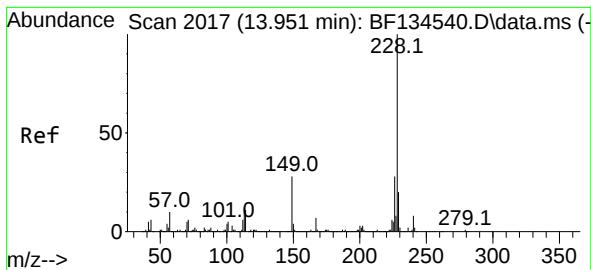
Ion Ratio Lower Upper

149 100

91 70.4 55.8 83.6

206 23.4 14.6 21.8#





#81

Benzo(a)anthracene

Concen: 36.125 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1330992

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

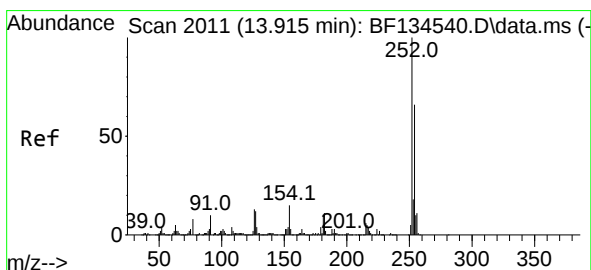
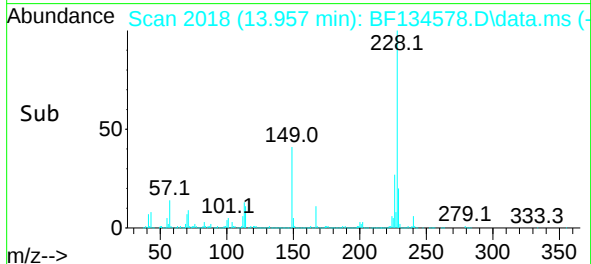
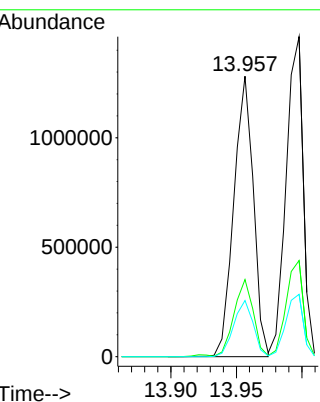
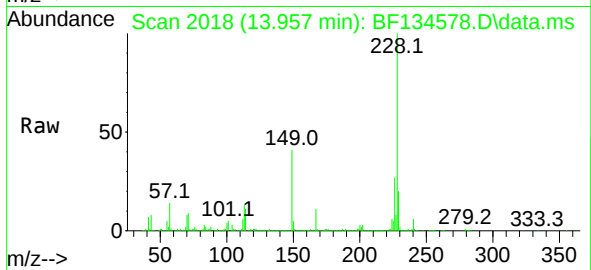
229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.608 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

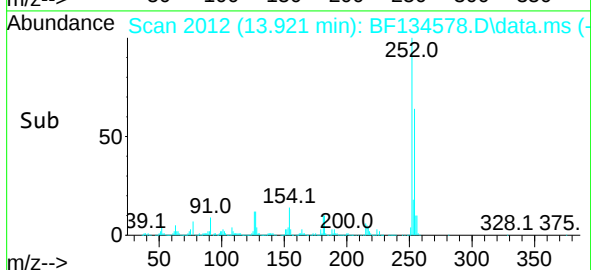
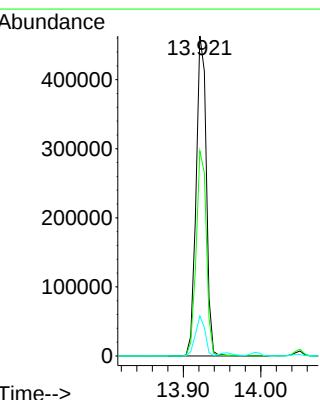
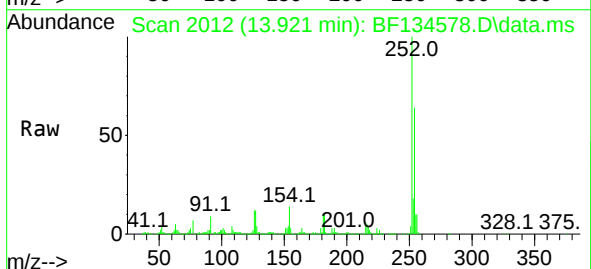
Tgt Ion:252 Resp: 423008

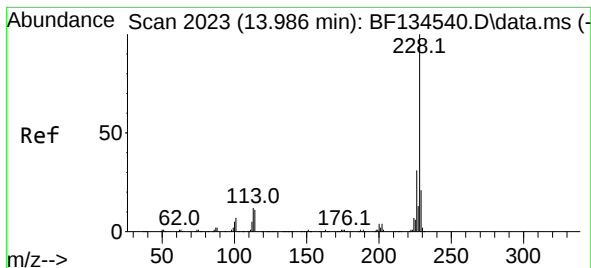
Ion Ratio Lower Upper

252 100

254 64.1 52.7 79.1

126 12.5 7.2 10.8#





#83

Chrysene

Concen: 36.815 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1321520

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

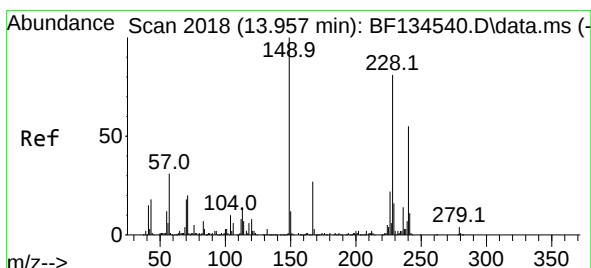
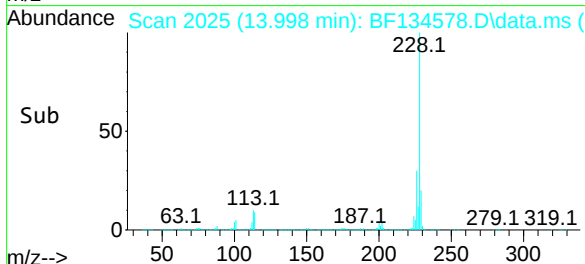
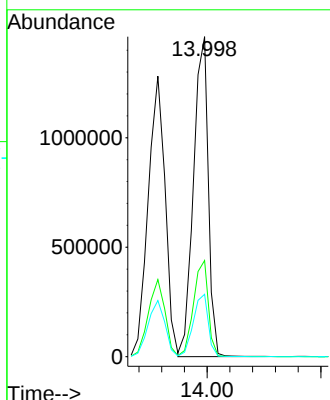
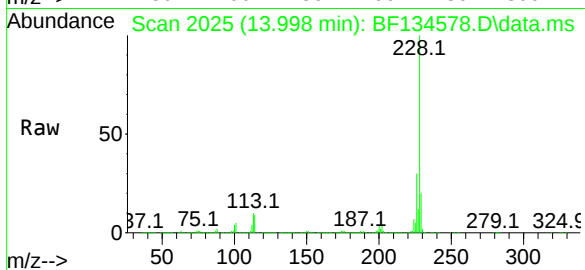
229 19.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.752 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

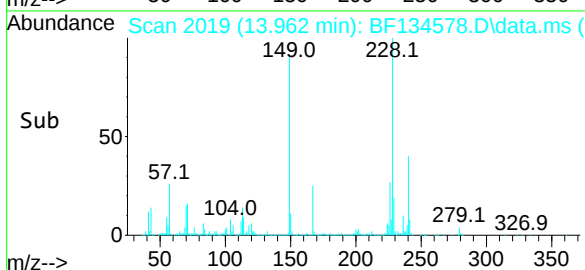
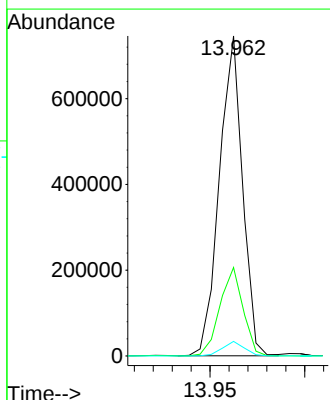
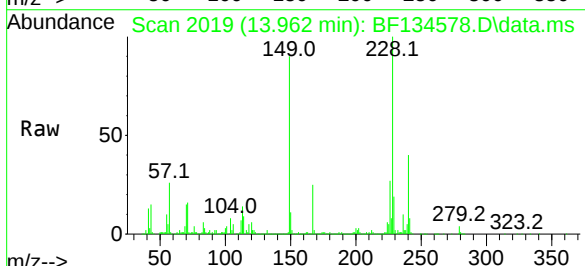
Tgt Ion:149 Resp: 634339

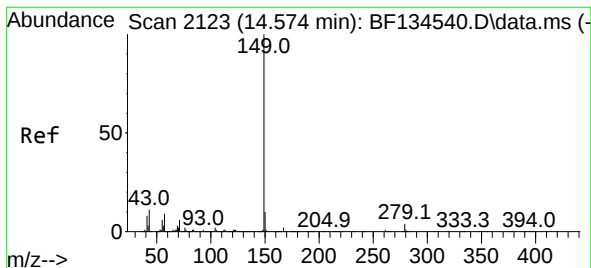
Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

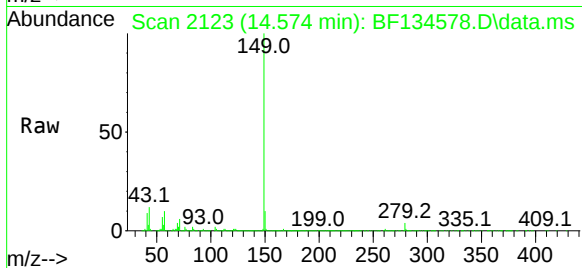
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 38.019 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

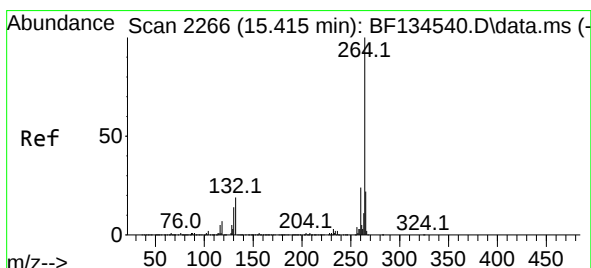
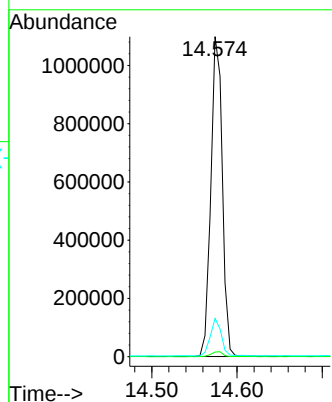
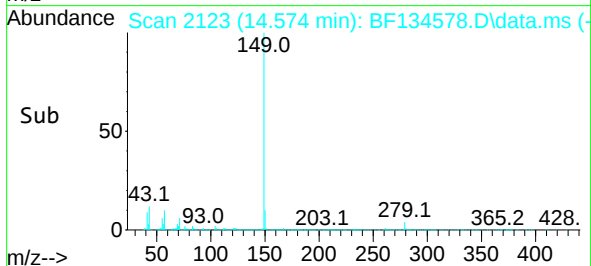
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



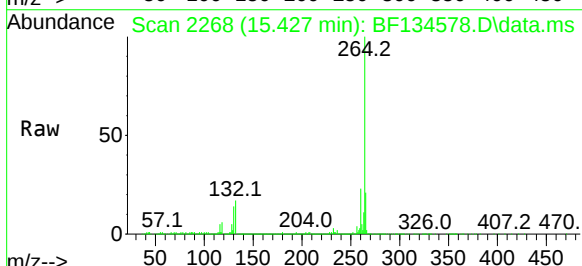
Tgt Ion:149 Resp: 1025798
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 8.1 12.1

Manual Integrations
APPROVED

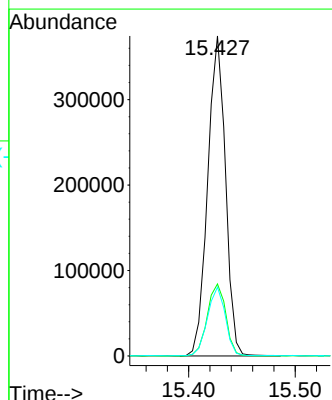
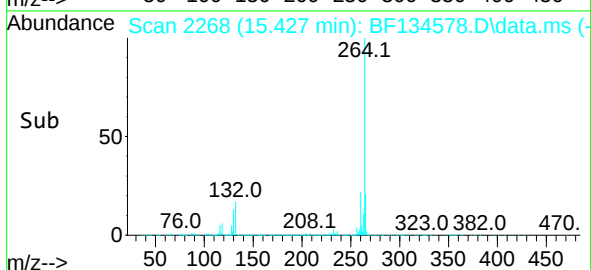
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

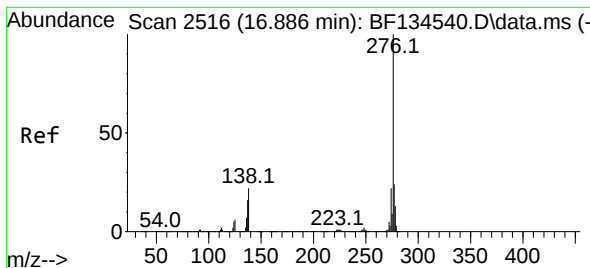


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07



Tgt Ion:264 Resp: 435718
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.5 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.545 ng

RT: 16.903 min Scan# 2196

Delta R.T. 0.018 min

Lab File: BF134578.D

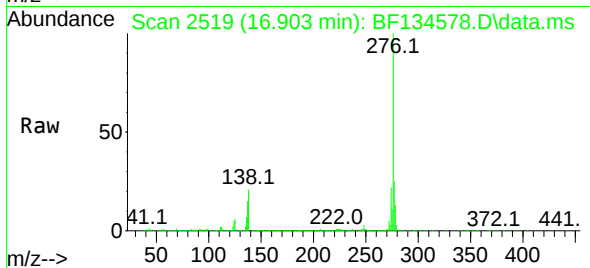
Acq: 02 Aug 2023 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 1038979

Ion Ratio Lower Upper

276 100

138 25.7 14.2 21.4

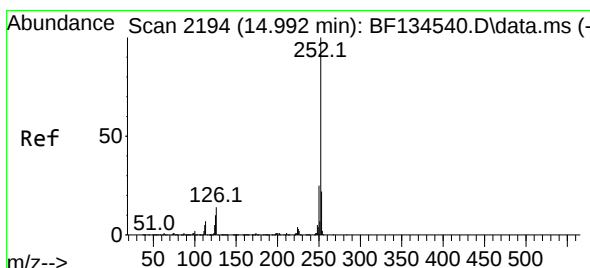
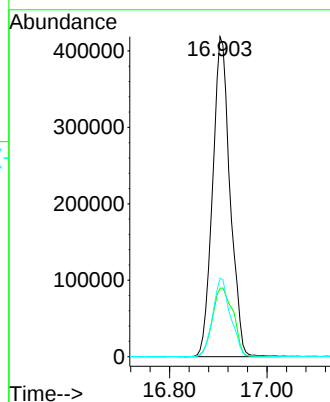
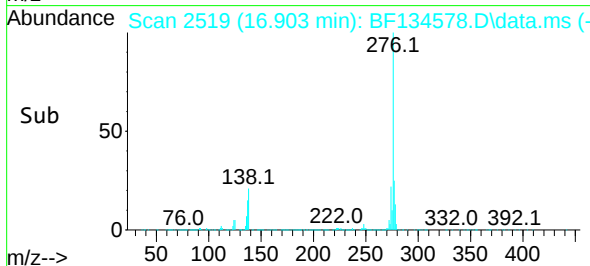
277 24.8 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#88

Benzo(b)fluoranthene

Concen: 38.868 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF134578.D

Acq: 02 Aug 2023 14:07

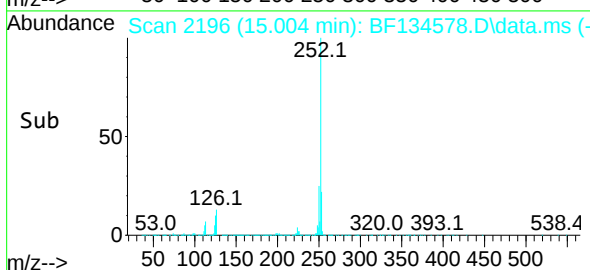
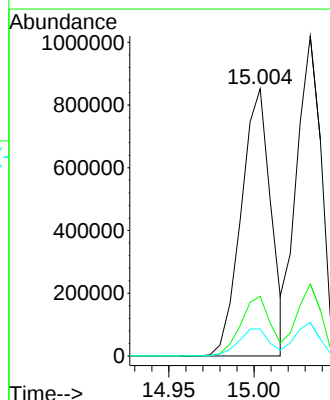
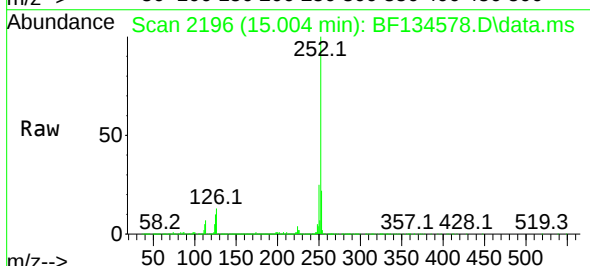
Tgt Ion:252 Resp: 1032882

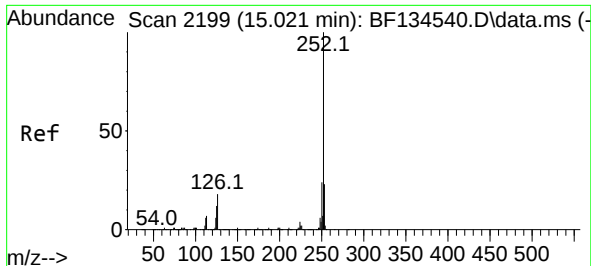
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 10.1 6.0 9.0





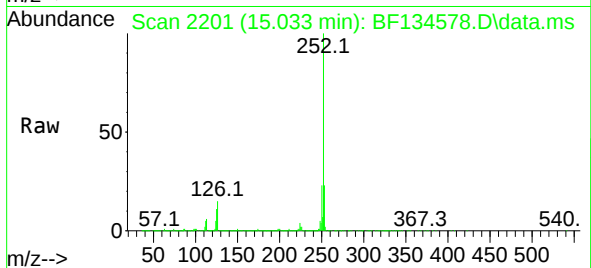
#89
Benzo(k)fluoranthene
Concen: 39.053 ng
RT: 15.033 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Instrument :

BNF

ClientSampleId :

SSTDCCC040



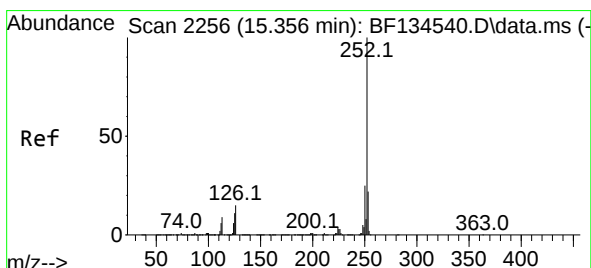
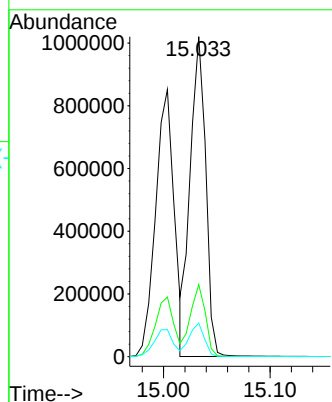
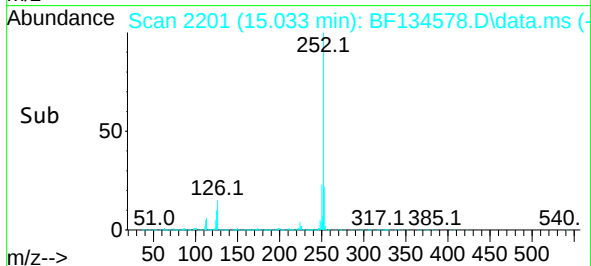
Tgt Ion:252 Resp: 1033829
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.5 6.3 9.5

Manual Integrations

APPROVED

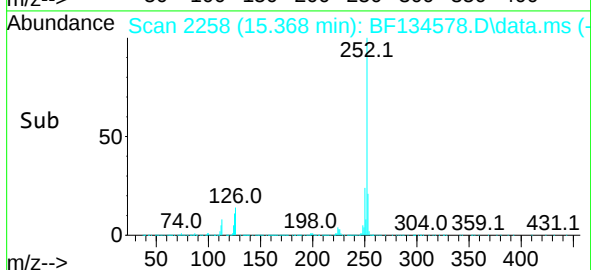
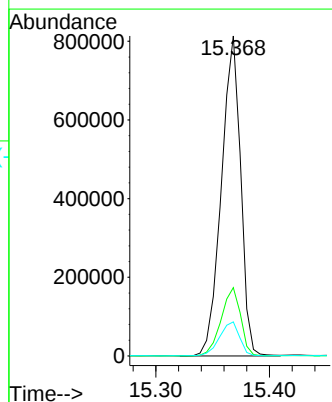
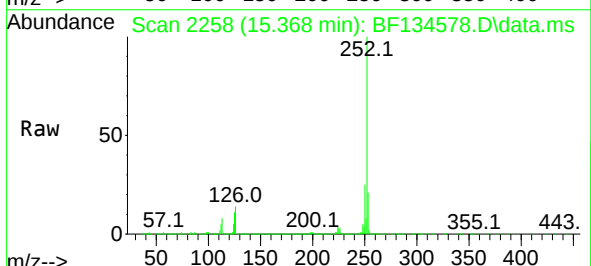
Reviewed By :Yogesh Patel 08/03/2023

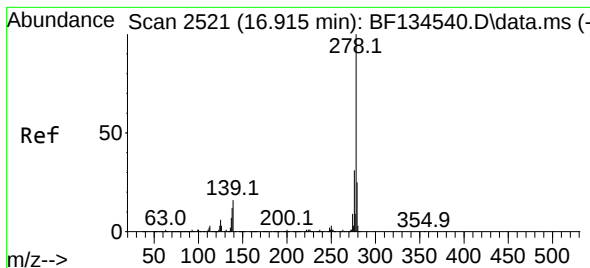
Supervised By :mohammad ahmed 08/03/2023



#90
Benzo(a)pyrene
Concen: 38.679 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

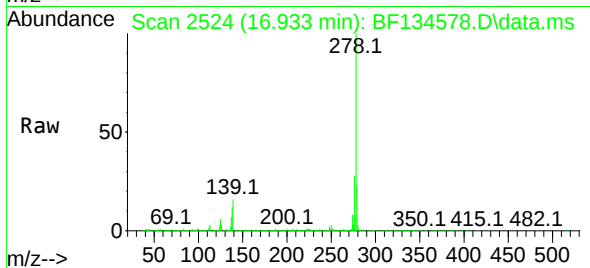
Tgt Ion:252 Resp: 958355
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 10.6 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 40.916 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.018 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

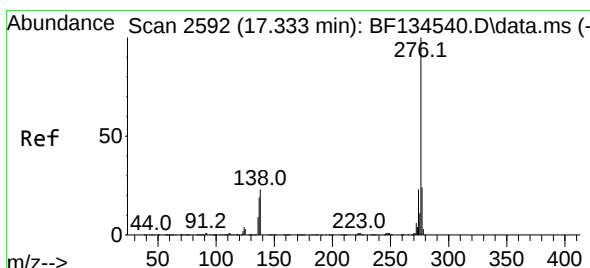
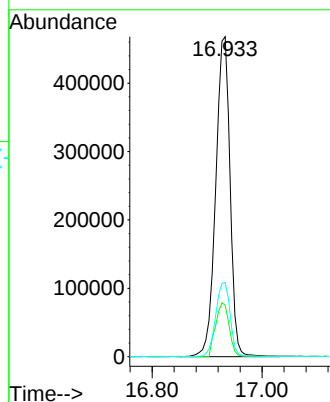
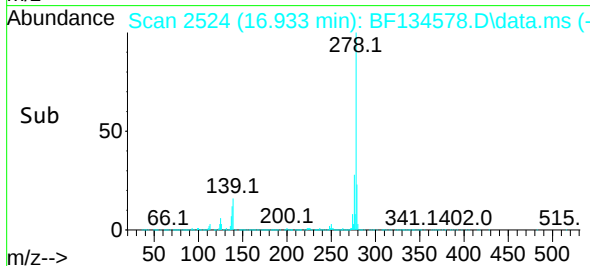
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 278 Resp: 84735
Ion Ratio Lower Upper
278 100
139 16.1 10.0 15.0
279 23.2 19.7 29.5

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/03/2023
Supervised By : mohammad ahmed 08/03/2023



#92
Benzo(g,h,i)perylene
Concen: 41.574 ng
RT: 17.356 min Scan# 2596
Delta R.T. 0.024 min
Lab File: BF134578.D
Acq: 02 Aug 2023 14:07

Tgt Ion: 276 Resp: 878264
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 22.6 12.2 18.2

