

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136649.D
 Acq On : 20 Dec 2023 15:50
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 01:58:11 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 21 01:54:25 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	72443	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	283460	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	150849	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	291124	20.000	ng	0.00
76) Chrysene-d12	13.974	240	157872	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	144344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	371020	79.911	ng	0.00
7) Phenol-d6	6.439	99	474903	78.938	ng	0.00
23) Nitrobenzene-d5	7.357	82	443090	79.988	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	146122	82.249	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	891102	79.452	ng	0.00
79) Terphenyl-d14	12.915	244	931933	82.494	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	75679	39.120	ng	99
3) Pyridine	3.304	79	192346	40.751	ng	98
4) n-Nitrosodimethylamine	3.275	42	103238	40.958	ng	99
6) Aniline	6.463	93	237526	39.489	ng	99
8) 2-Chlorophenol	6.581	128	201634	39.685	ng	99
9) Benzaldehyde	6.351	77	133973	39.151	ng	98
10) Phenol	6.451	94	252911	39.380	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	192369	39.387	ng	99
12) 1,3-Dichlorobenzene	6.734	146	218386	39.400	ng	99
13) 1,4-Dichlorobenzene	6.810	146	224815	39.696	ng	99
14) 1,2-Dichlorobenzene	6.963	146	209645	39.781	ng	99
15) Benzyl Alcohol	6.939	79	164446	40.517	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	315781	39.546	ng	99
17) 2-Methylphenol	7.051	107	168868	40.119	ng	99
18) Hexachloroethane	7.298	117	81757	39.750	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	146436	40.153	ng	98
20) 3+4-Methylphenols	7.204	107	204405	38.871	ng	97
22) Acetophenone	7.204	105	281725	39.652	ng	98
24) Nitrobenzene	7.375	77	226894	40.889	ng	100
25) Isophorone	7.616	82	411454	40.820	ng	99
26) 2-Nitrophenol	7.692	139	109679	41.312	ng	97
27) 2,4-Dimethylphenol	7.728	122	132922	41.124	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	248997	40.640	ng	100
29) 2,4-Dichlorophenol	7.933	162	168107	40.399	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	187486	40.438	ng	98
31) Naphthalene	8.092	128	624284	40.089	ng	100
32) Benzoic acid	7.863	122	137730m	44.040	ng	
33) 4-Chloroaniline	8.145	127	229993	40.001	ng	98
34) Hexachlorobutadiene	8.204	225	113635	40.341	ng	97
35) Caprolactam	8.528	113	57076	41.578	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	192301	41.050	ng	97
37) 2-Methylnaphthalene	8.786	142	406235	40.534	ng	100
38) 1-Methylnaphthalene	8.880	142	393228	39.993	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	188876	40.430	ng	99
41) Hexachlorocyclopentadiene	8.933	237	53986	38.922	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	122206	40.789	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136649.D
 Acq On : 20 Dec 2023 15:50
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122023

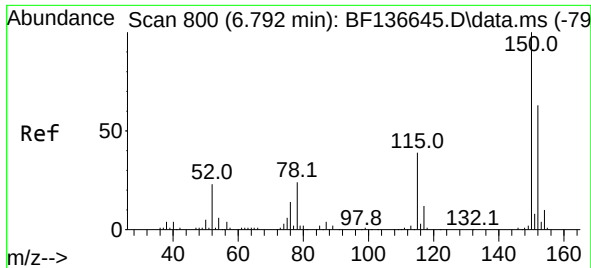
Quant Time: Dec 21 01:58:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	139564	41.802	ng	99
46) 1,1'-Biphenyl	9.251	154	513263	40.547	ng	99
47) 2-Chloronaphthalene	9.275	162	381747	39.669	ng	99
48) 2-Nitroaniline	9.375	65	124079	41.175	ng	97
49) Acenaphthylene	9.692	152	599265	40.741	ng	100
50) Dimethylphthalate	9.557	163	442365	40.148	ng	99
51) 2,6-Dinitrotoluene	9.622	165	103970	41.577	ng	97
52) Acenaphthene	9.863	154	365608	40.098	ng	100
53) 3-Nitroaniline	9.786	138	110525	41.724	ng	96
54) 2,4-Dinitrophenol	9.898	184	54512	41.232	ng	99
55) Dibenzofuran	10.033	168	559421	40.475	ng	100
56) 4-Nitrophenol	9.957	139	76592	42.832	ng	98
57) 2,4-Dinitrotoluene	10.022	165	135756	41.819	ng	98
58) Fluorene	10.380	166	441753	40.281	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	109411	42.572	ng	99
60) Diethylphthalate	10.257	149	465552	40.723	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	212610	39.885	ng	97
62) 4-Nitroaniline	10.404	138	103091m	40.370	ng	
63) Azobenzene	10.533	77	433948	40.640	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	74219	44.484	ng	99
66) n-Nitrosodiphenylamine	10.492	169	387827	41.009	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	133439	41.272	ng	96
68) Hexachlorobenzene	10.927	284	145076	40.265	ng	99
69) Atrazine	11.021	200	82236	33.998	ng	99
70) Pentachlorophenol	11.121	266	74110	44.128	ng	99
71) Phenanthrene	11.345	178	603283	40.386	ng	100
72) Anthracene	11.398	178	607116	40.132	ng	100
73) Carbazole	11.557	167	576026	40.386	ng	98
74) Di-n-butylphthalate	11.886	149	727134	41.779	ng	99
75) Fluoranthene	12.533	202	645375	40.391	ng	97
77) Benzidine	12.663	184	160064	34.386	ng	98
78) Pyrene	12.768	202	645985	41.682	ng	100
80) Butylbenzylphthalate	13.392	149	245625	43.557	ng	100
81) Benzo(a)anthracene	13.962	228	453675	41.384	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	126724	40.705	ng	99
83) Chrysene	13.998	228	439975	41.042	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	310560	43.771	ng	99
85) Di-n-octyl phthalate	14.568	149	490058	44.652	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	432144	41.465	ng	100
88) Benzo(b)fluoranthene	15.015	252	373076	38.697	ng	99
89) Benzo(k)fluoranthene	15.045	252	368352	40.435	ng	99
90) Benzo(a)pyrene	15.386	252	324956	39.931	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	354656	41.480	ng	96
92) Benzo(g,h,i)perylene	17.409	276	362644	41.411	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

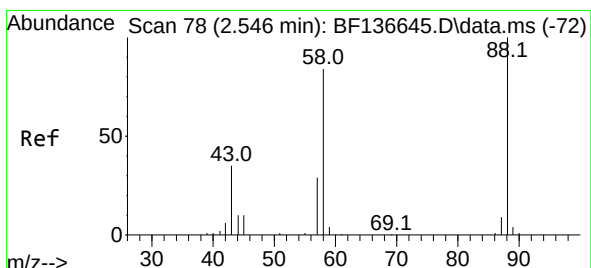
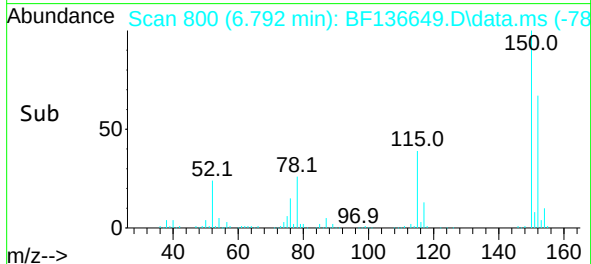
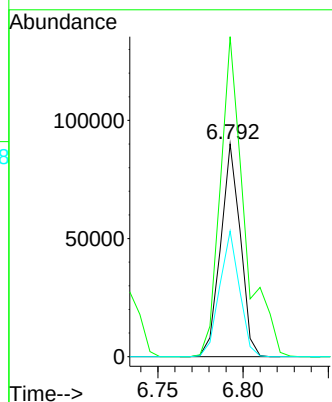
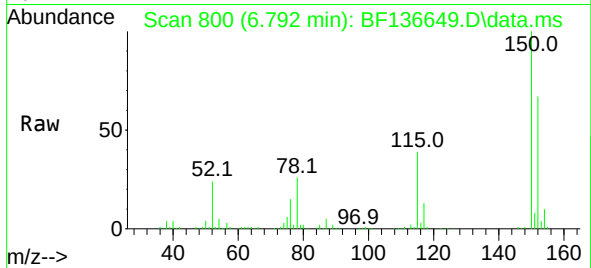
ICVBF122023

Tgt Ion:152 Resp: 7244
Ion Ratio Lower Upper
152 100
150 150.3 127.0 190.6
115 59.0 49.0 73.4

Manual Integrations

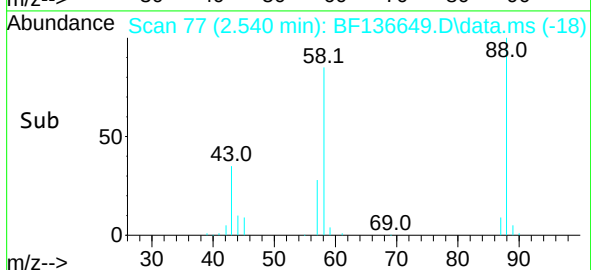
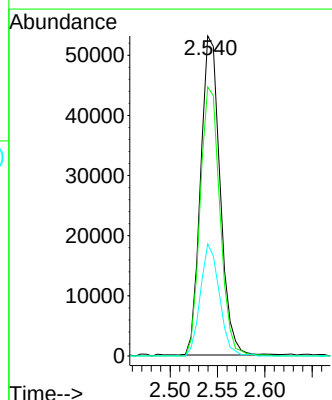
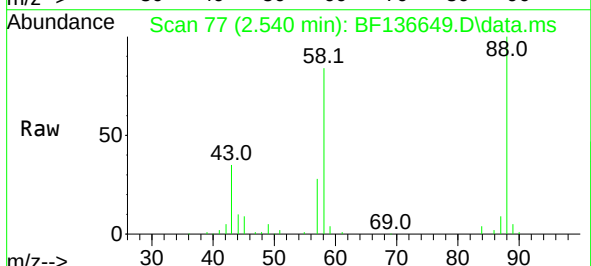
APPROVED

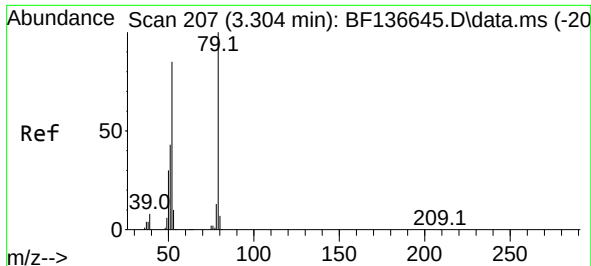
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#2
1,4-Dioxane
Concen: 39.120 ng
RT: 2.540 min Scan# 77
Delta R.T. -0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 88 Resp: 75679
Ion Ratio Lower Upper
88 100
58 85.5 67.4 101.0
43 34.3 27.7 41.5





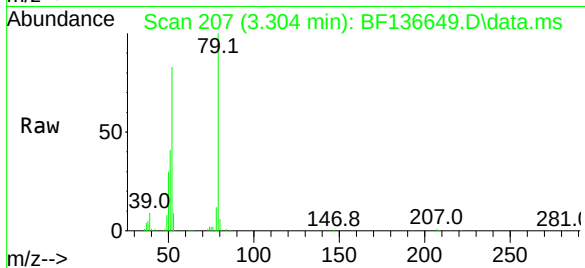
#3
Pyridine
Concen: 40.751 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

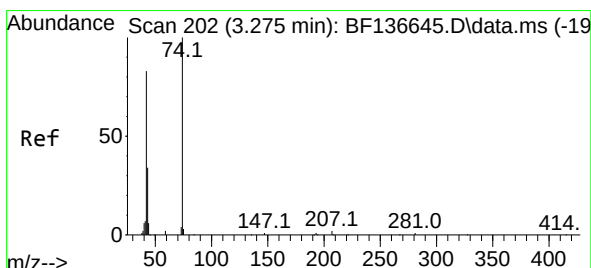
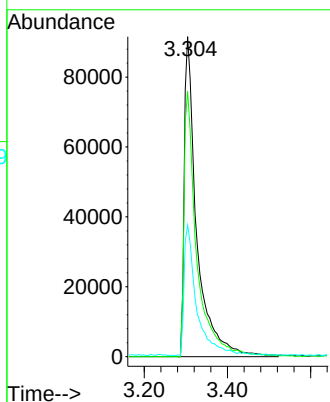
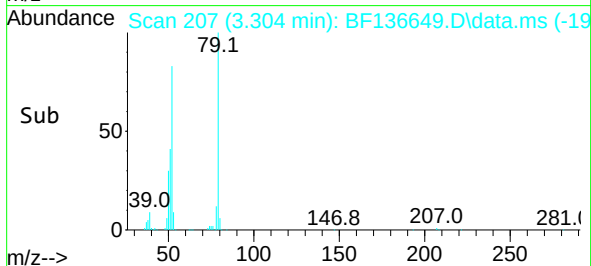


Tgt Ion: 79 Resp: 192340
Ion Ratio Lower Upper
79 100
52 82.9 67.7 101.5
51 41.2 34.0 51.0

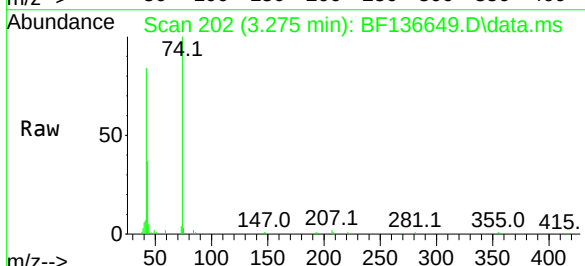
Manual Integrations

APPROVED

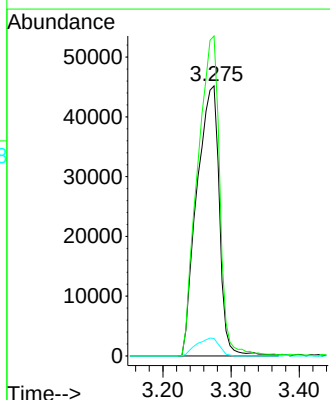
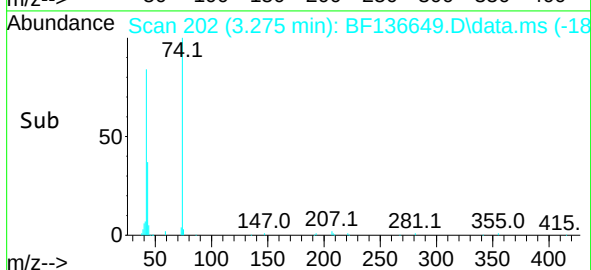
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

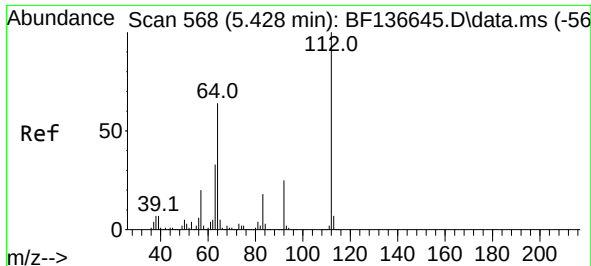


#4
n-Nitrosodimethylamine
Concen: 40.958 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion: 42 Resp: 103238
Ion Ratio Lower Upper
42 100
74 118.5 96.0 144.0
44 6.5 5.4 8.2





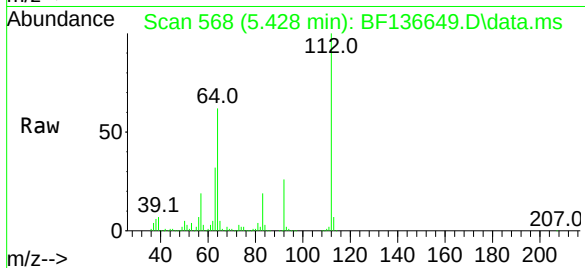
#5
2-Fluorophenol
Concen: 79.911 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

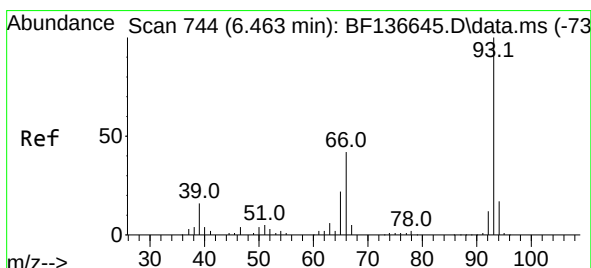
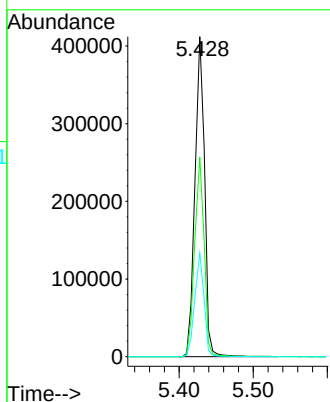
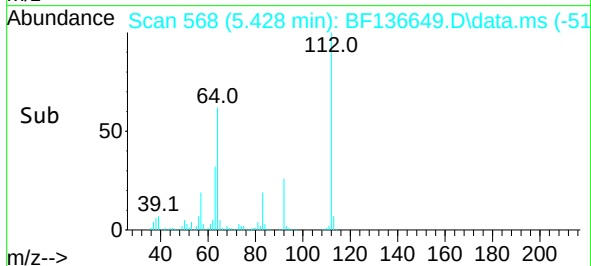


Tgt Ion:112 Resp: 371020
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 32.3 26.1 39.1

Manual Integrations

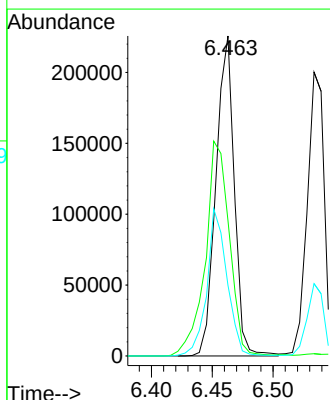
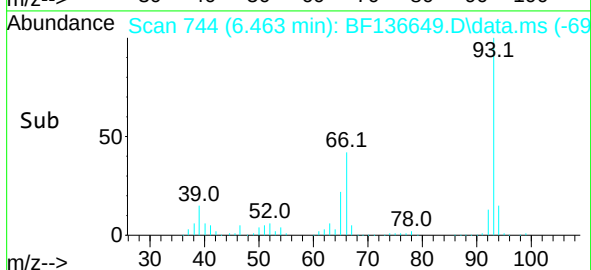
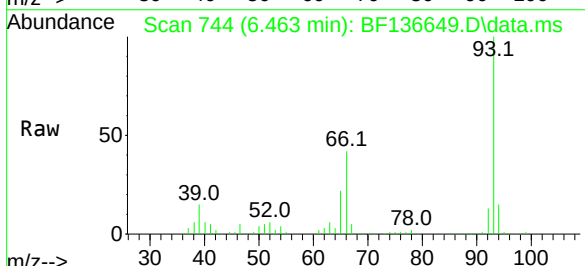
APPROVED

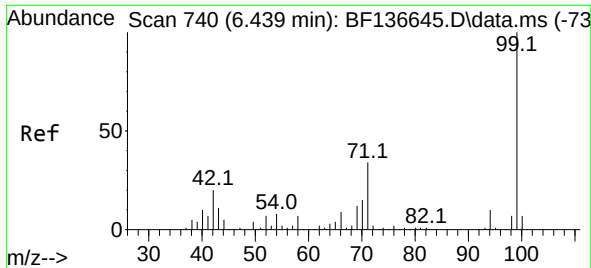
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#6
Aniline
Concen: 39.489 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 93 Resp: 237526
Ion Ratio Lower Upper
93 100
66 42.3 34.6 51.8
65 22.1 17.8 26.8





#7

Phenol-d6

Concen: 78.938 ng

RT: 6.439 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF136649.D

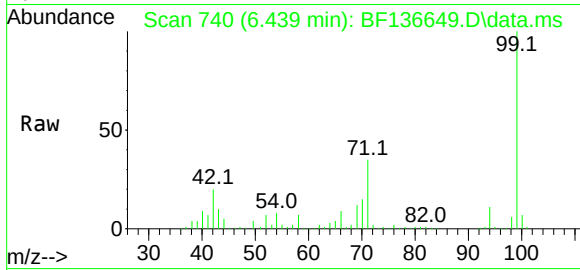
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023



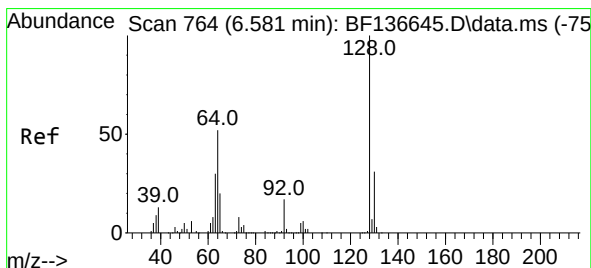
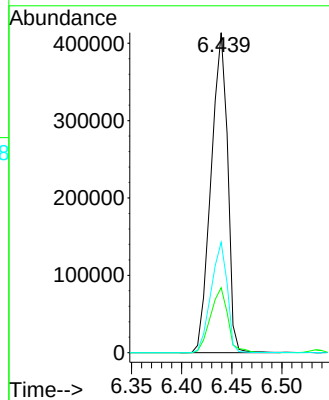
Tgt Ion:	99	Resp:	47490
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.1	24.1
71	34.5	27.4	41.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#8

2-Chlorophenol

Concen: 39.685 ng

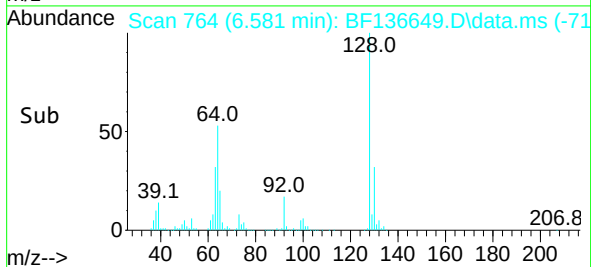
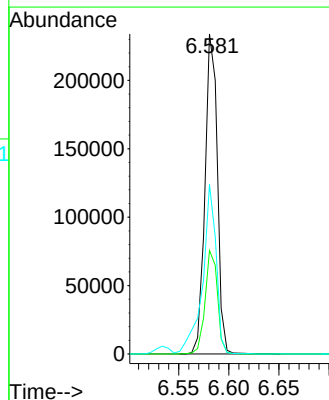
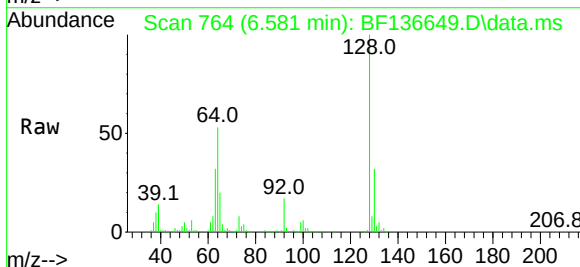
RT: 6.581 min Scan# 764

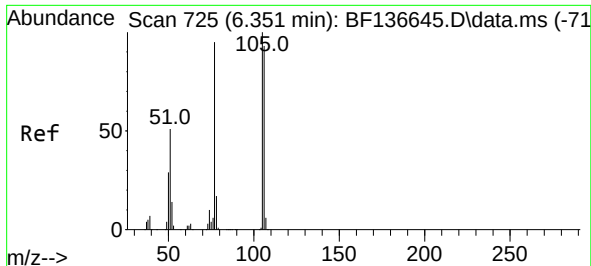
Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

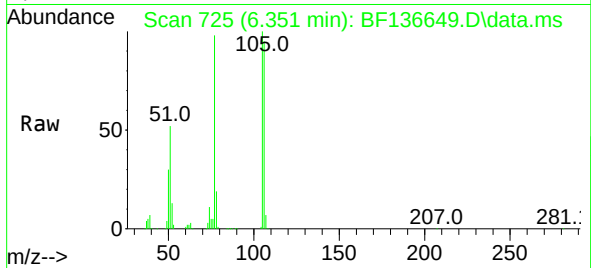
Tgt Ion:	128	Resp:	201634
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.3	51.3
64	53.0	32.5	72.5





#9
Benzaldehyde
Concen: 39.151 ng
RT: 6.351 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

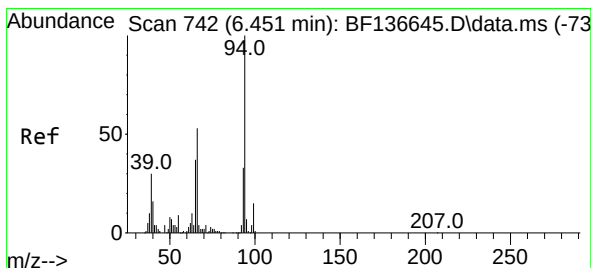
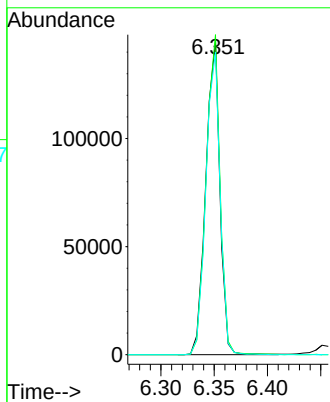
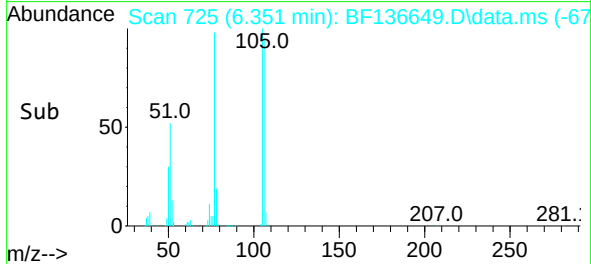
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



Tgt Ion: 77 Resp: 13397
Ion Ratio Lower Upper
77 100
105 102.2 84.8 124.8
106 96.6 77.8 117.8

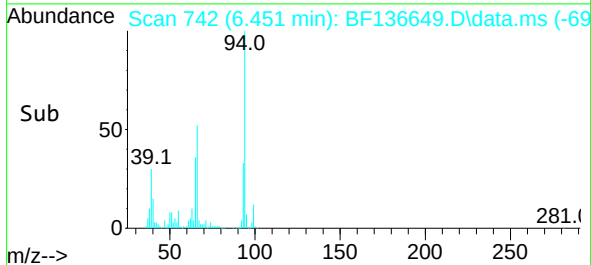
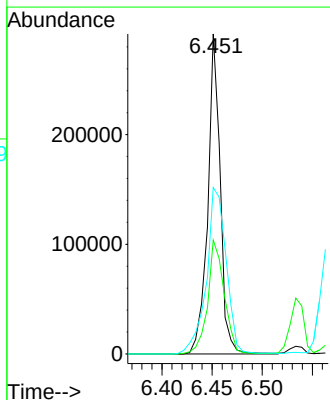
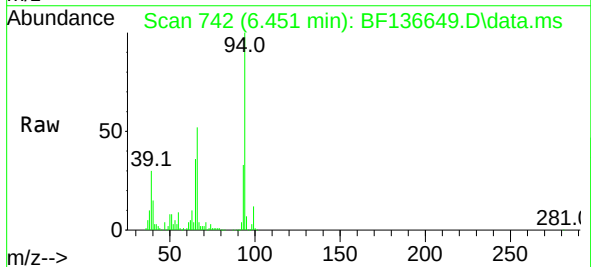
Manual Integrations
APPROVED

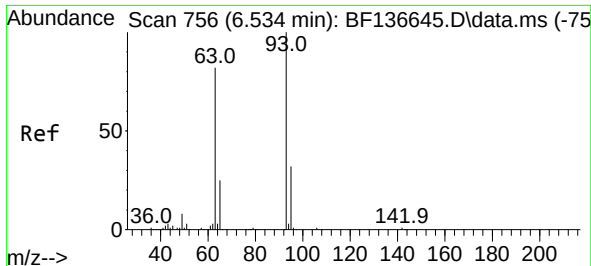
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#10
Phenol
Concen: 39.380 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 94 Resp: 252911
Ion Ratio Lower Upper
94 100
65 35.6 16.6 56.6
66 52.0 32.6 72.6





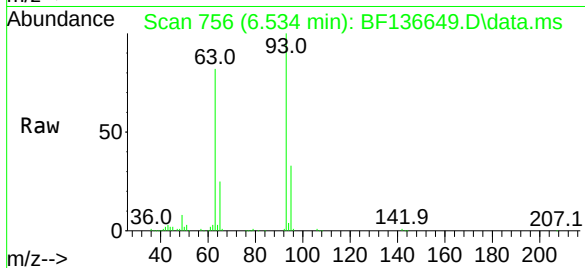
#11
bis(2-Chloroethyl)ether
Concen: 39.387 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

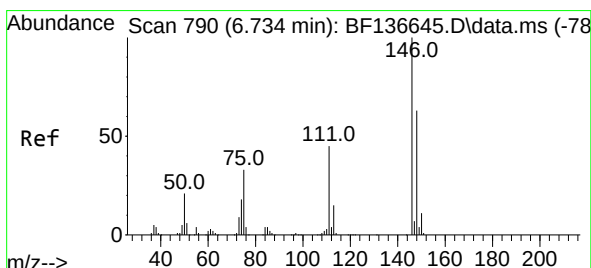
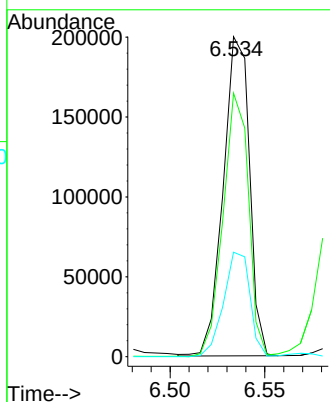
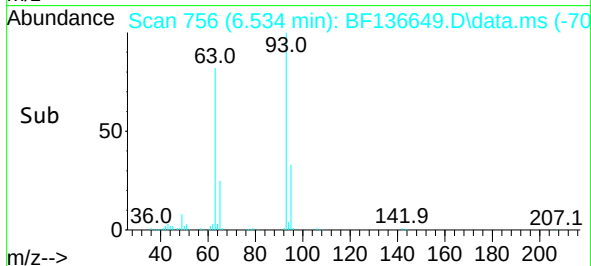
ICVBF122023



Tgt Ion: 93 Resp: 192369
Ion Ratio Lower Upper
93 100
63 82.4 61.2 101.2
95 32.7 11.6 51.6

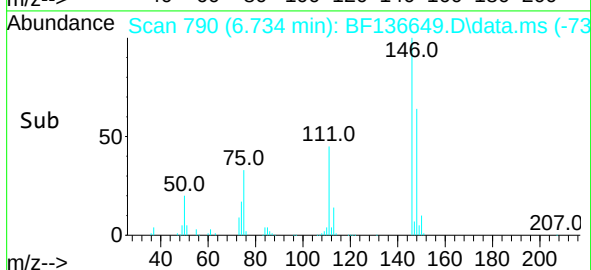
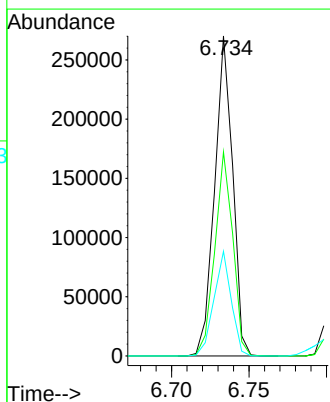
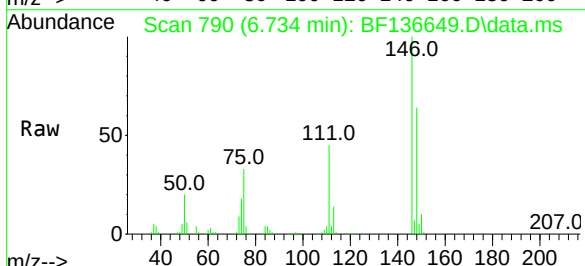
Manual Integrations
APPROVED

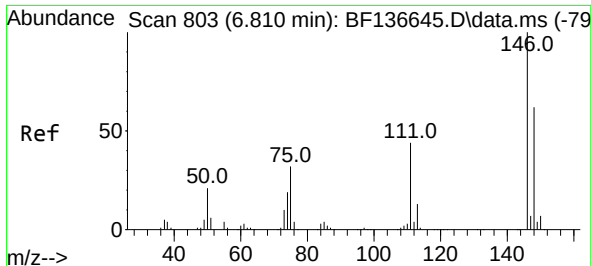
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#12
1,3-Dichlorobenzene
Concen: 39.400 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:146 Resp: 218386
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 32.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.696 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

Tgt Ion:146 Resp: 224815

Ion Ratio Lower Upper

146 100

148 61.8 49.2 73.8

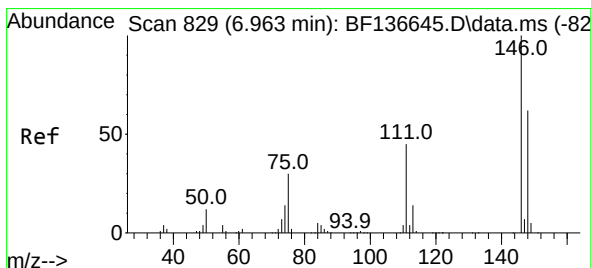
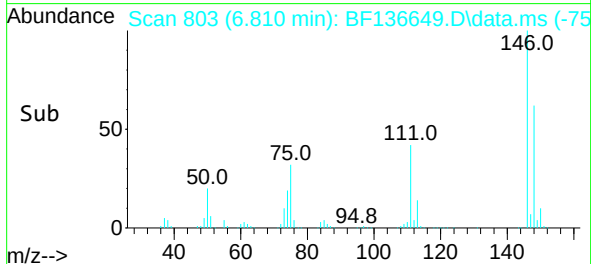
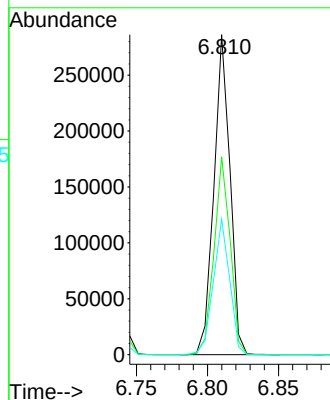
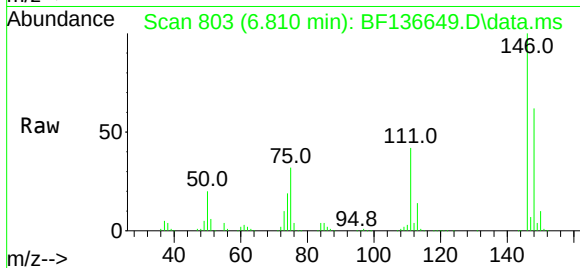
111 42.4 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#14

1,2-Dichlorobenzene

Concen: 39.781 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

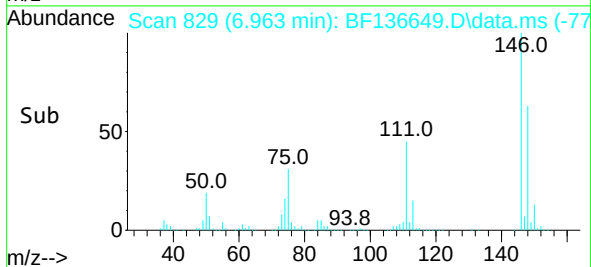
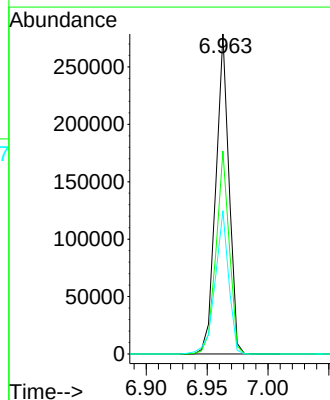
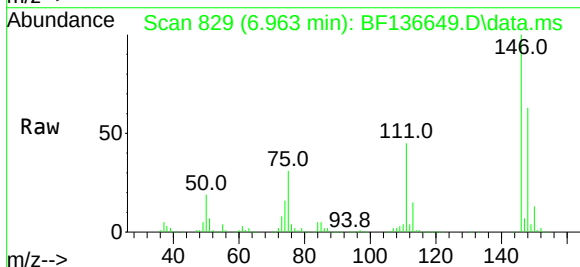
Tgt Ion:146 Resp: 209645

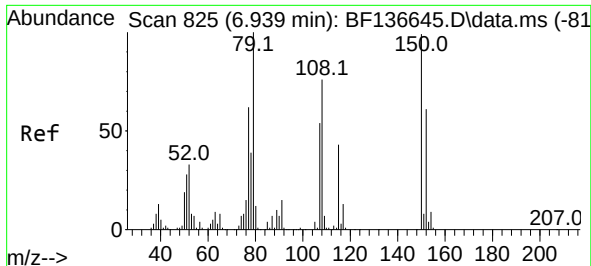
Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

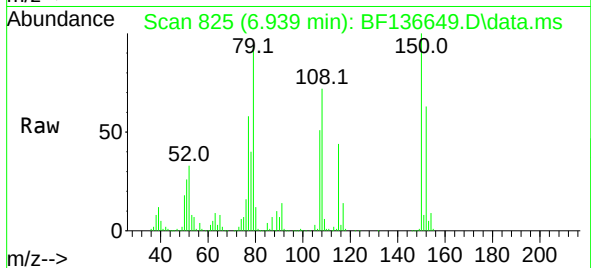
111 44.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 40.517 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

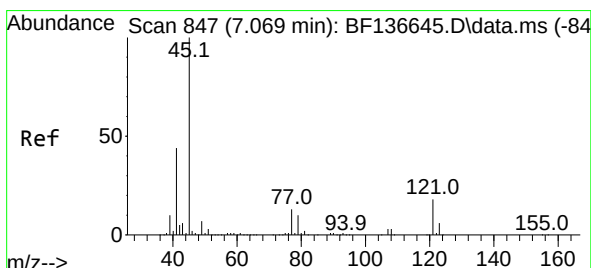
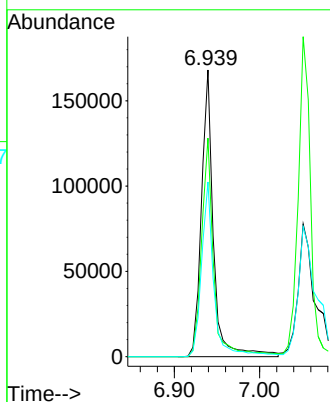
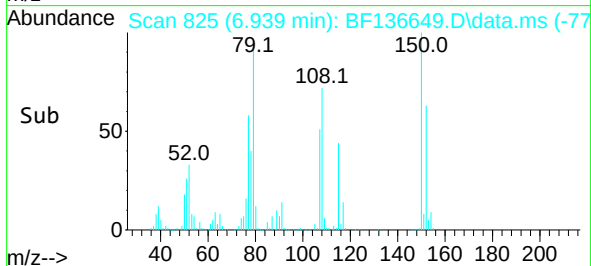
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



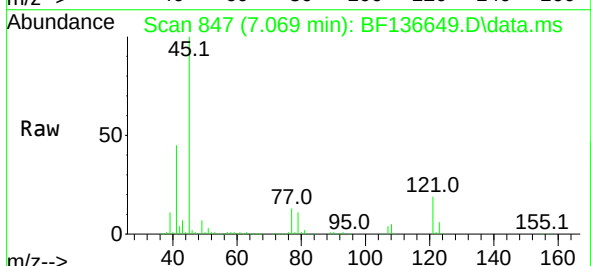
Tgt Ion: 79 Resp: 164440
Ion Ratio Lower Upper
79 100
108 76.2 61.0 91.6
77 61.0 49.8 74.8

Manual Integrations
APPROVED

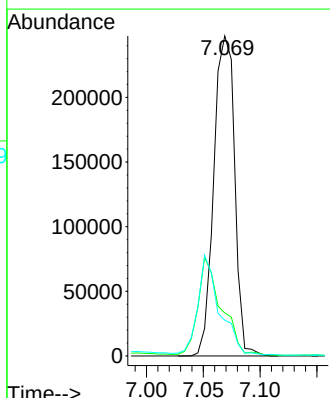
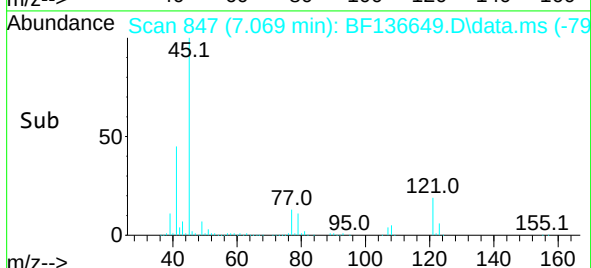
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

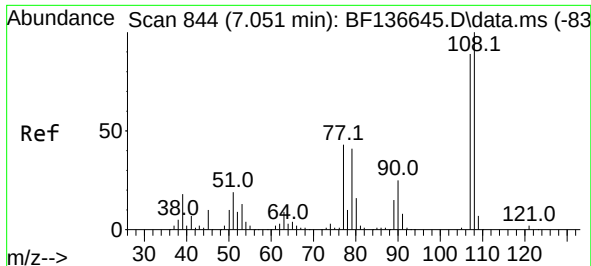


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.546 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion: 45 Resp: 315781
Ion Ratio Lower Upper
45 100
77 13.4 0.0 34.3
79 11.1 0.0 31.4





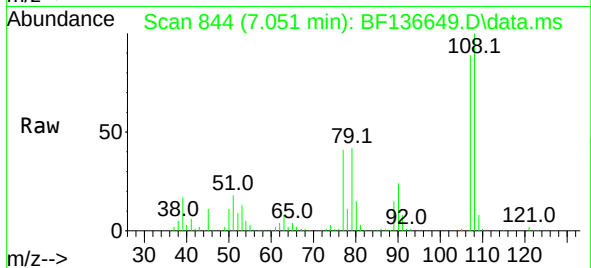
#17
2-Methylphenol
Concen: 40.119 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

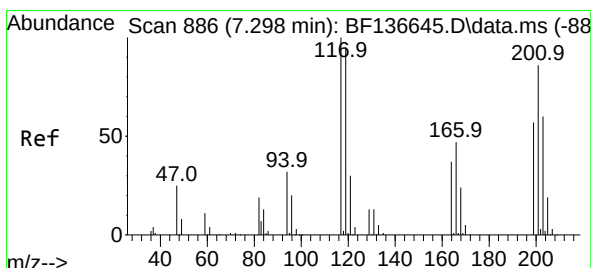
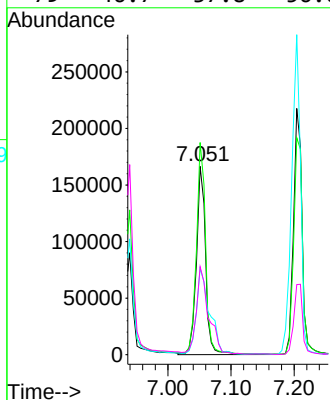
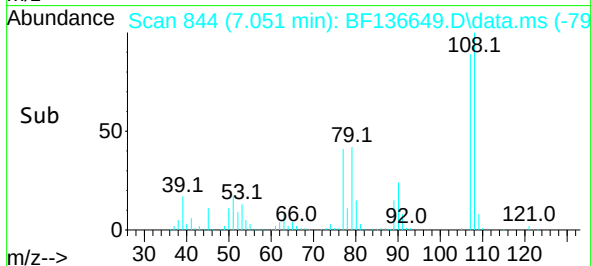
ICVBF122023



Tgt Ion:107 Resp: 16886
Ion Ratio Lower Upper
107 100
108 112.6 90.3 135.5
77 45.8 38.7 58.1
79 46.7 37.8 56.6

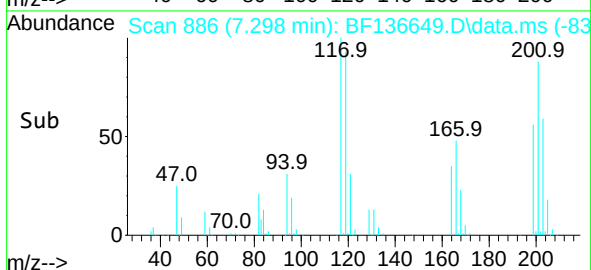
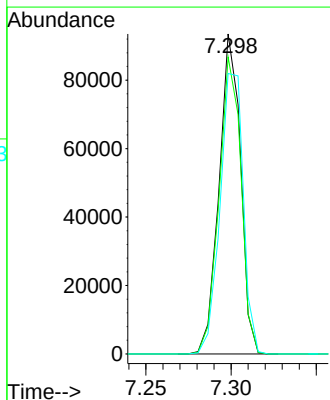
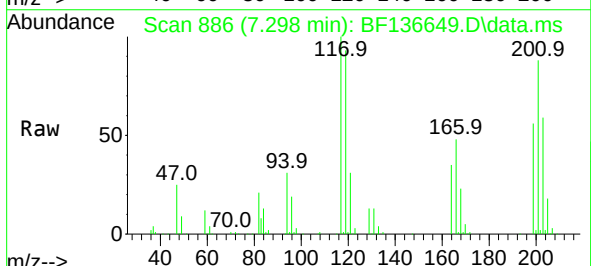
Manual Integrations
APPROVED

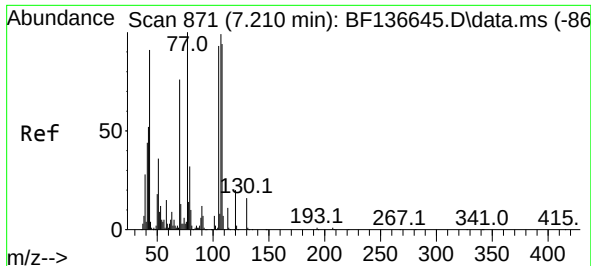
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#18
Hexachloroethane
Concen: 39.750 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:117 Resp: 81757
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.6
201 87.7 69.1 103.7





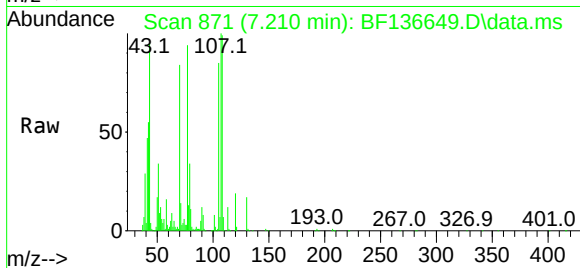
#19
n-Nitroso-di-n-propylamine
Concen: 40.153 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

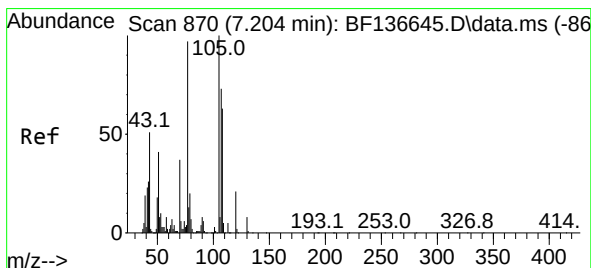
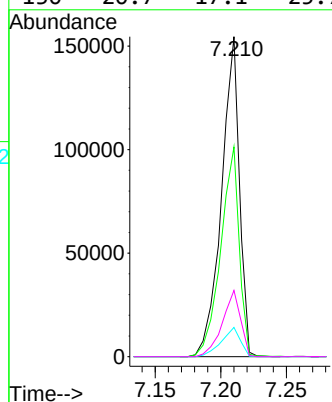
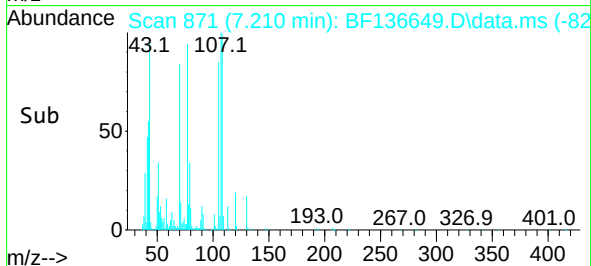


Tgt Ion: 70 Resp: 146430
Ion Ratio Lower Upper
70 100
42 65.6 54.2 81.4
101 9.2 7.6 11.4
130 20.7 17.1 25.7

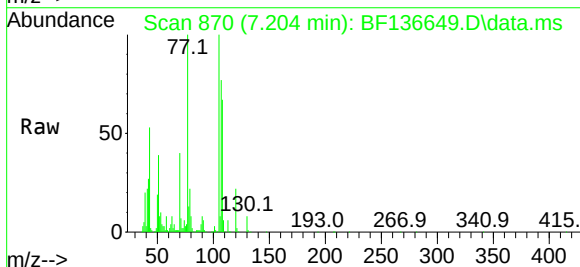
Manual Integrations

APPROVED

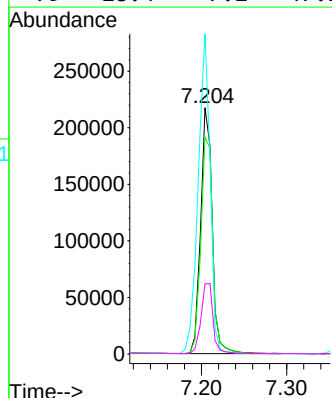
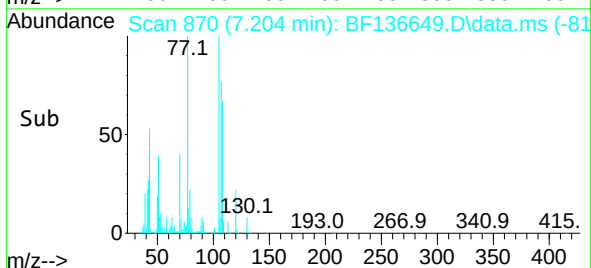
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

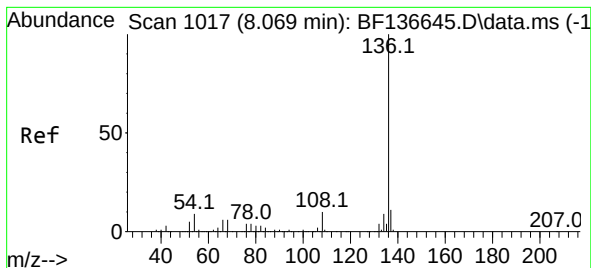


#20
3+4-Methylphenols
Concen: 38.871 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:107 Resp: 204405
Ion Ratio Lower Upper
107 100
108 88.1 66.0 106.0
77 129.9 114.2 154.2
79 28.4 7.2 47.2





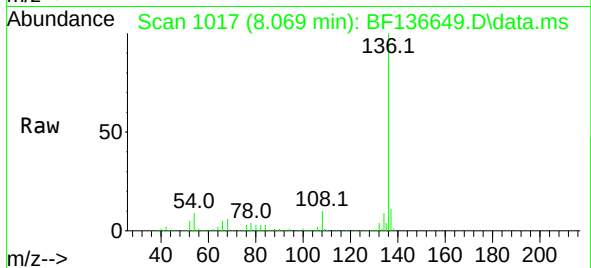
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

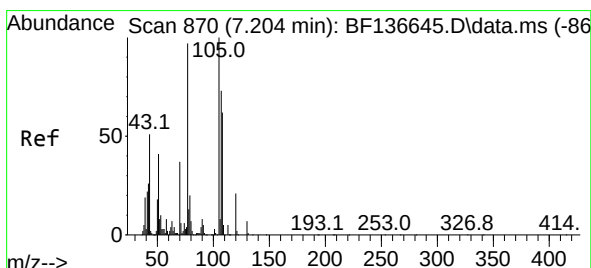
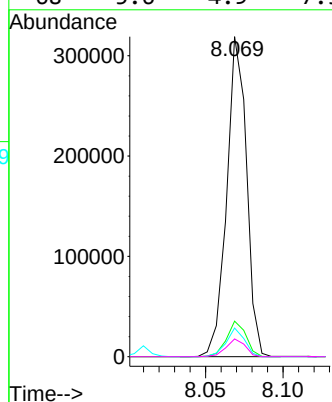
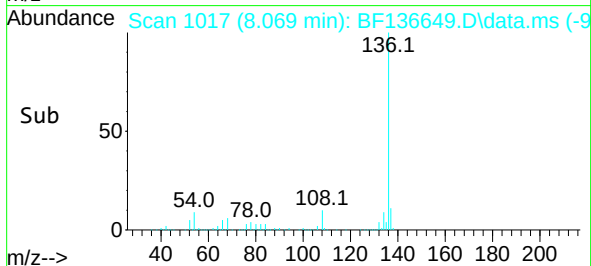


Tgt Ion:136 Resp: 283460
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.0 7.2 10.8
68 5.6 4.9 7.3

Manual Integrations

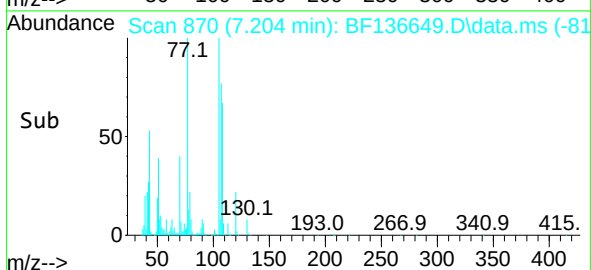
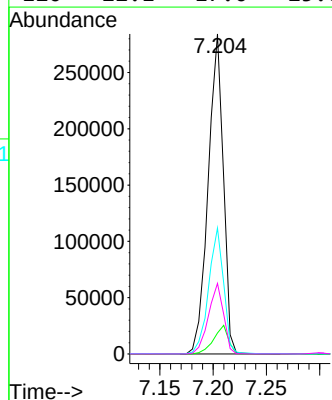
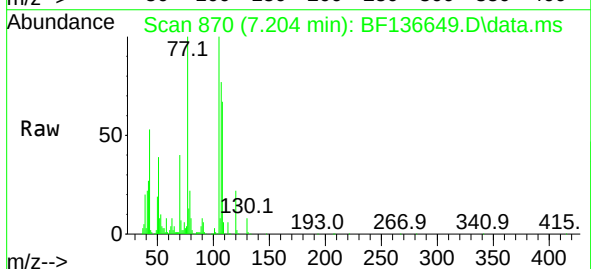
APPROVED

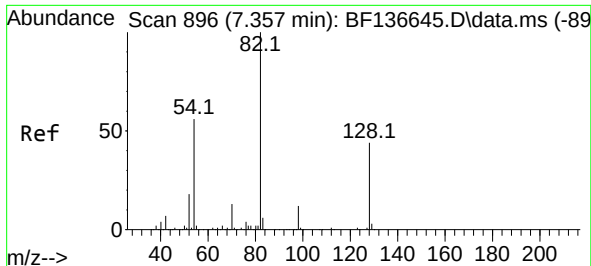
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#22
Acetophenone
Concen: 39.652 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:105 Resp: 281725
Ion Ratio Lower Upper
105 100
71 6.6 4.8 7.2
51 39.3 32.8 49.2
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.988 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

Tgt Ion: 82 Resp: 443090

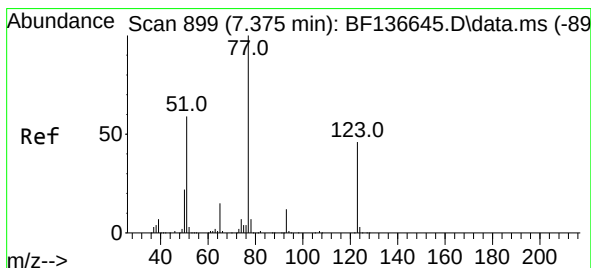
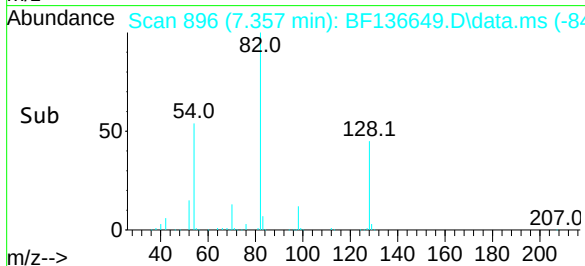
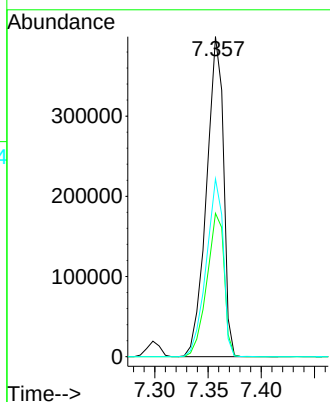
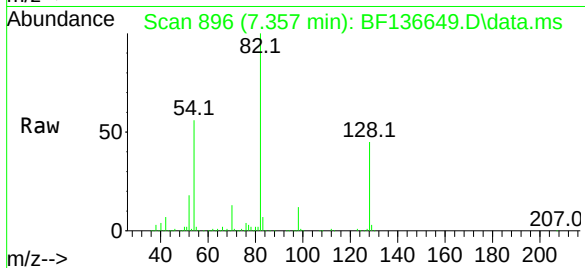
Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.3	52.9
54	55.5	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#24

Nitrobenzene

Concen: 40.889 ng

RT: 7.375 min Scan# 899

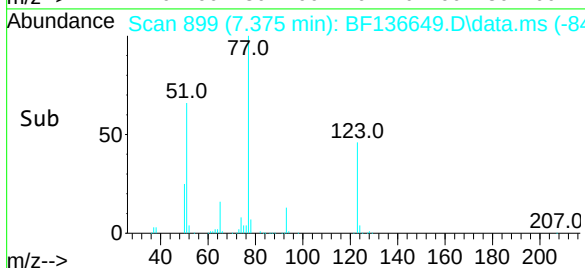
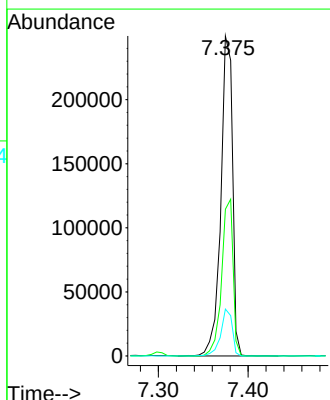
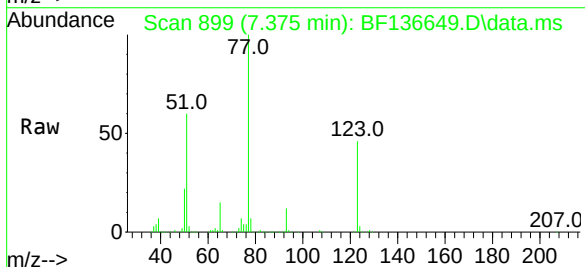
Delta R.T. 0.000 min

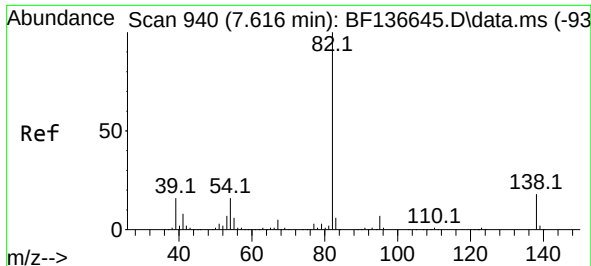
Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Tgt Ion: 77 Resp: 226894

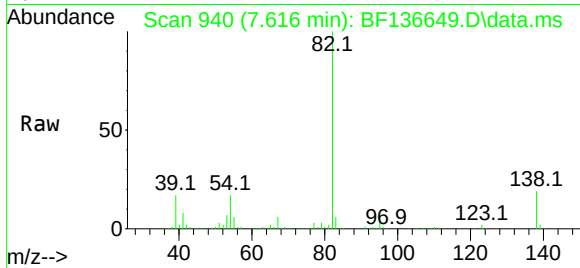
Ion	Ratio	Lower	Upper
77	100		
123	45.8	36.7	55.1
65	14.6	11.8	17.6





#25
Isophorone
Concen: 40.820 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

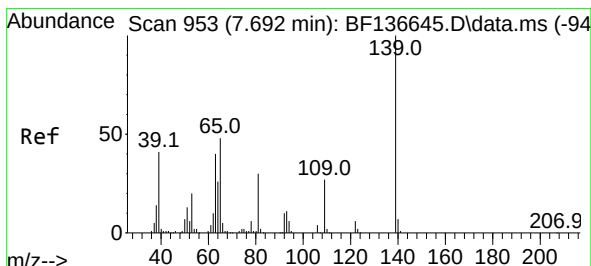
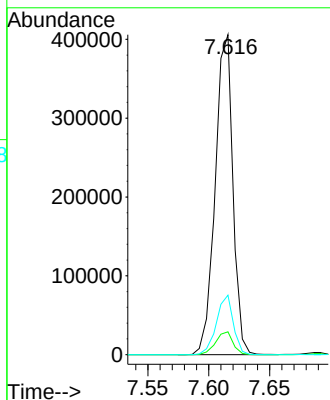
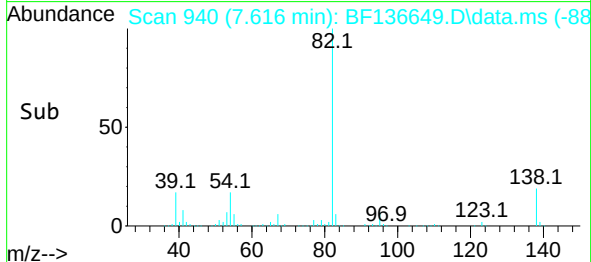
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



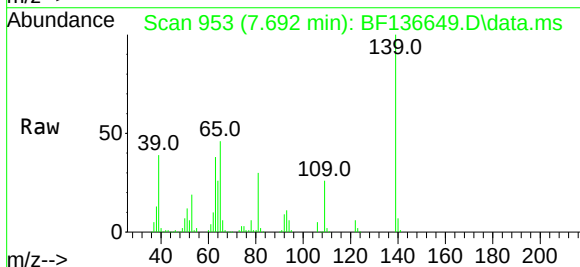
Tgt Ion: 82 Resp: 411454
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.6 14.5 21.7

Manual Integrations
APPROVED

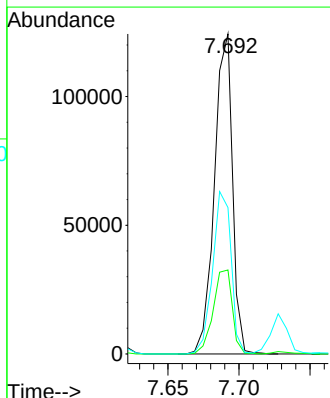
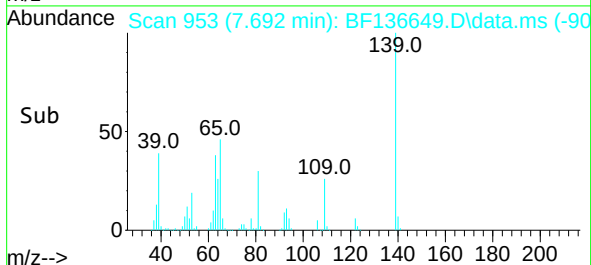
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

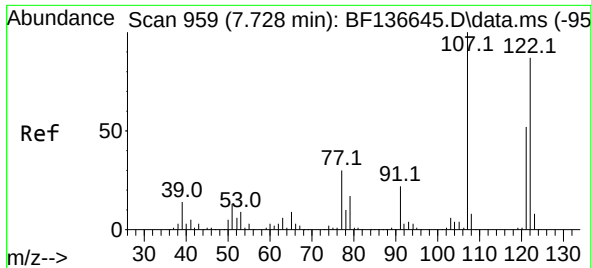


#26
2-Nitrophenol
Concen: 41.312 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:139 Resp: 109679
Ion Ratio Lower Upper
139 100
109 26.3 21.9 32.9
65 45.7 38.6 58.0





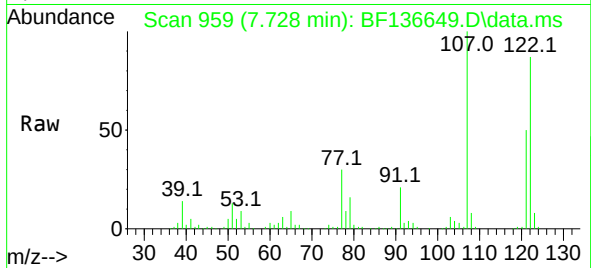
#27
2,4-Dimethylphenol
Concen: 41.124 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

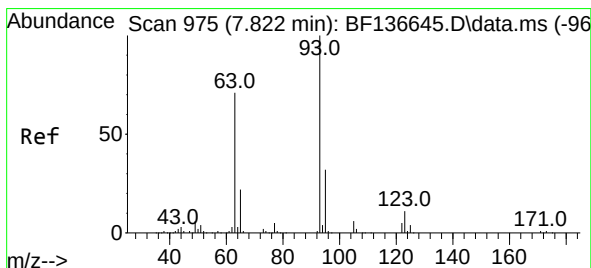
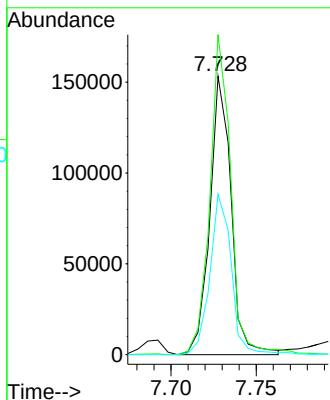
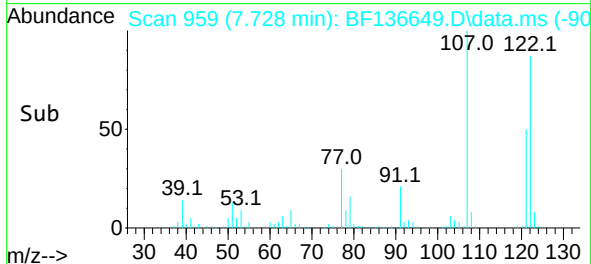


Tgt Ion:122 Resp: 13292
Ion Ratio Lower Upper
122 100
107 115.0 92.0 138.0
121 57.6 47.5 71.3

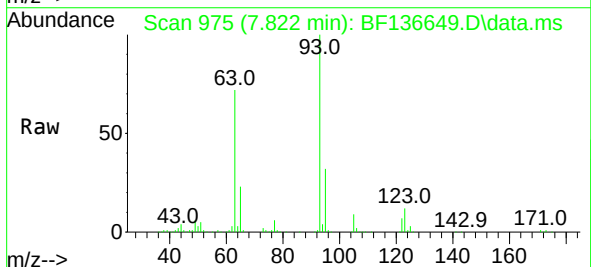
Manual Integrations

APPROVED

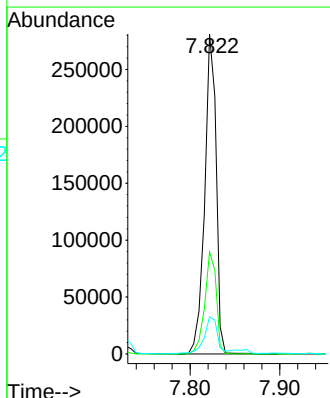
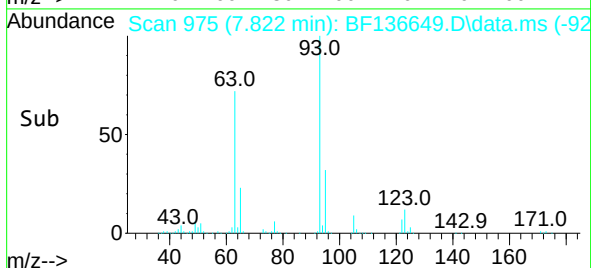
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

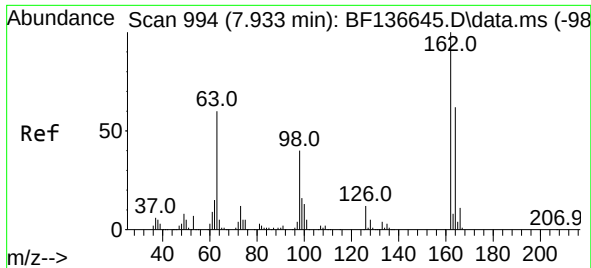


#28
bis(2-Chloroethoxy)methane
Concen: 40.640 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion: 93 Resp: 248997
Ion Ratio Lower Upper
93 100
95 31.9 25.5 38.3
123 11.6 9.2 13.8





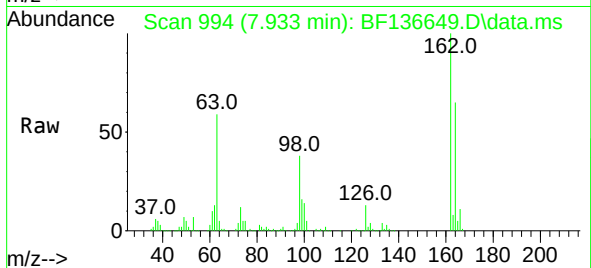
#29
2,4-Dichlorophenol
Concen: 40.399 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

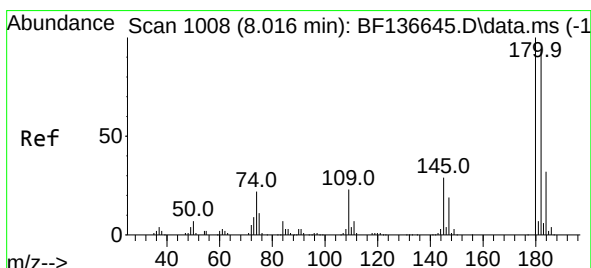
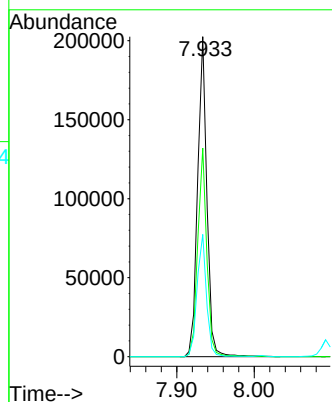
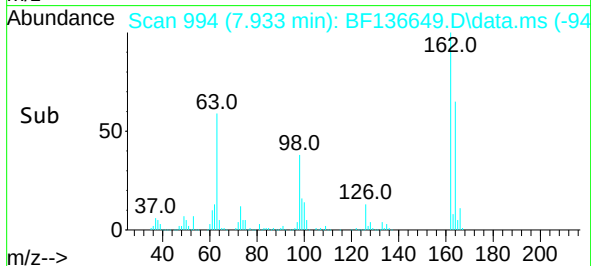


Tgt Ion:162 Resp: 16810
Ion Ratio Lower Upper
162 100
164 65.2 41.7 81.7
98 38.2 19.5 59.5

Manual Integrations

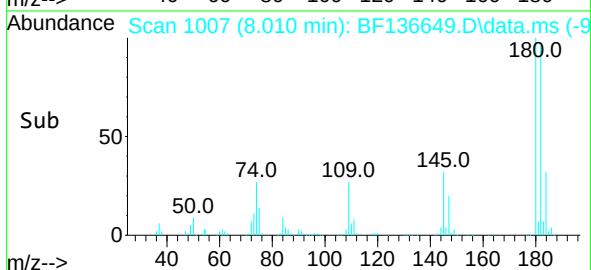
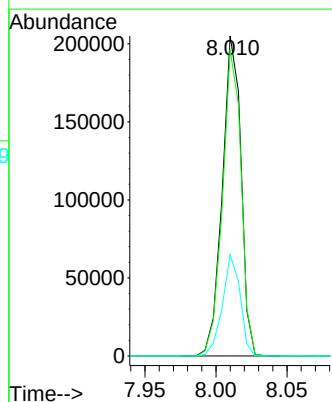
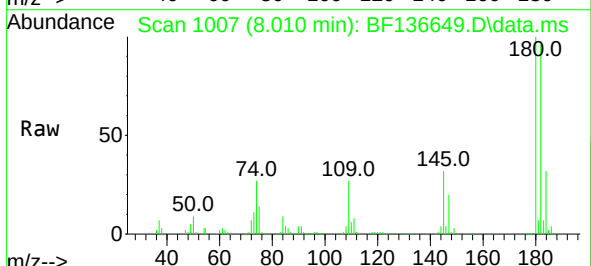
APPROVED

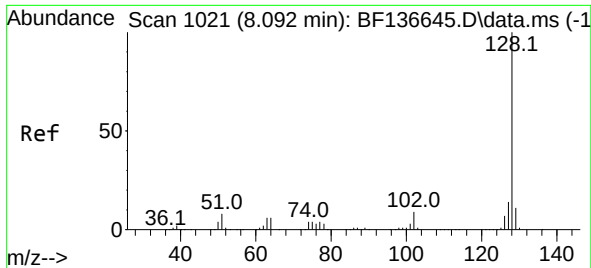
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#30
1,2,4-Trichlorobenzene
Concen: 40.438 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:180 Resp: 187486
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.0
145 31.7 23.1 34.7





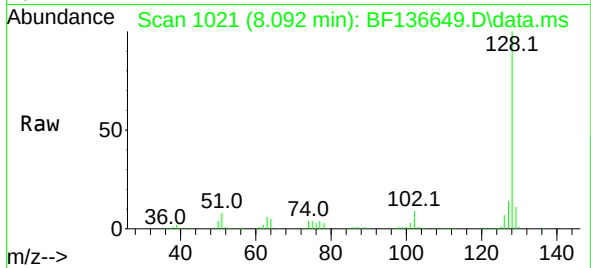
#31
Naphthalene
Concen: 40.089 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

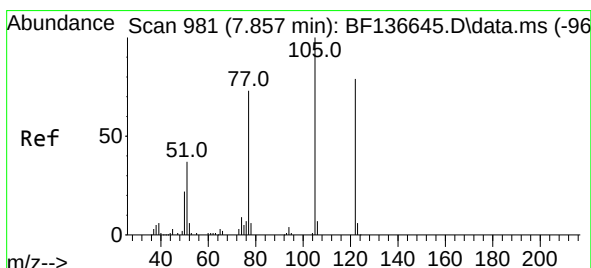
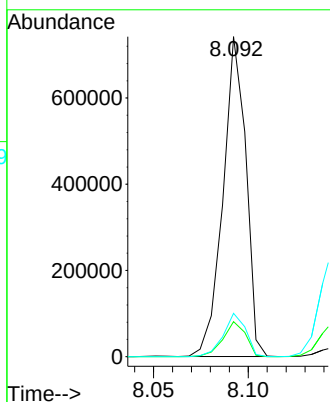
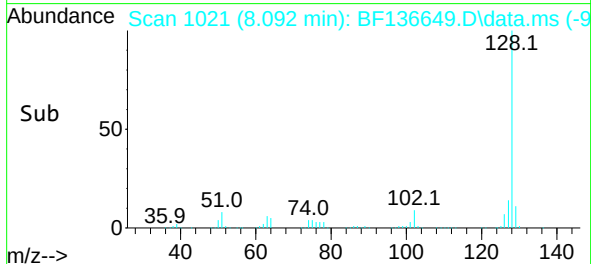


Tgt Ion:128 Resp: 624284
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.8 16.2

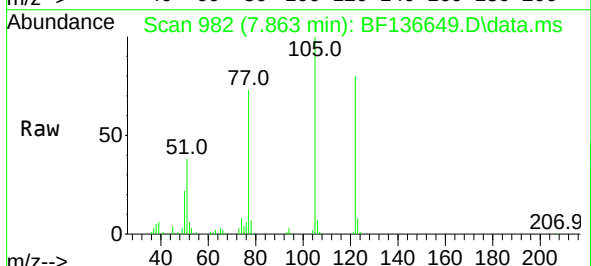
Manual Integrations

APPROVED

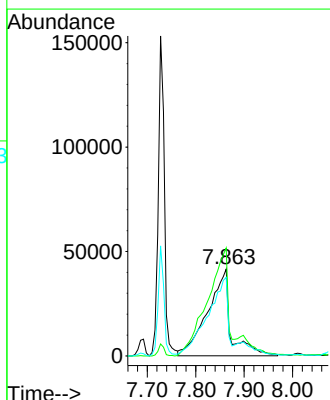
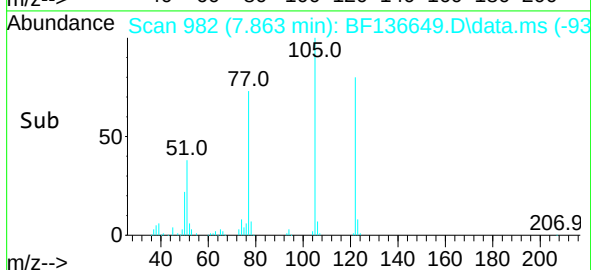
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

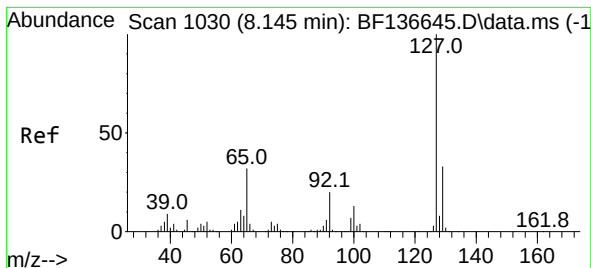


#32
Benzoic acid
Concen: 44.040 ng m
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:122 Resp: 137730
Ion Ratio Lower Upper
122 100
105 124.3 100.8 140.8
77 90.3 70.9 110.9





#33

4-Chloroaniline

Concen: 40.001 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

Tgt Ion:127 Resp: 22999

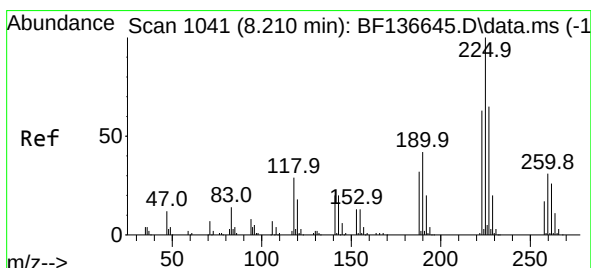
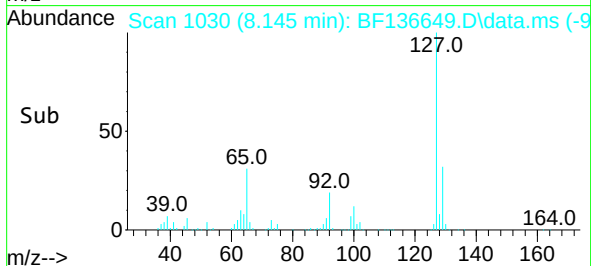
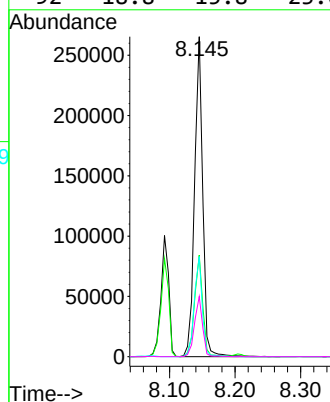
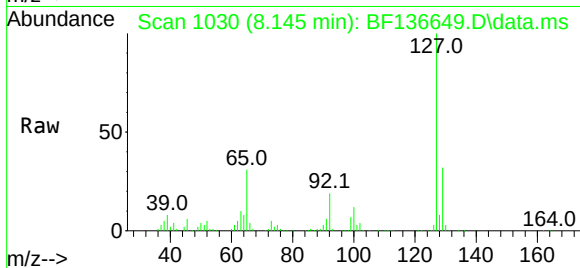
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	31.3	25.8	38.8
92	18.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#34

Hexachlorobutadiene

Concen: 40.341 ng

RT: 8.204 min Scan# 1040

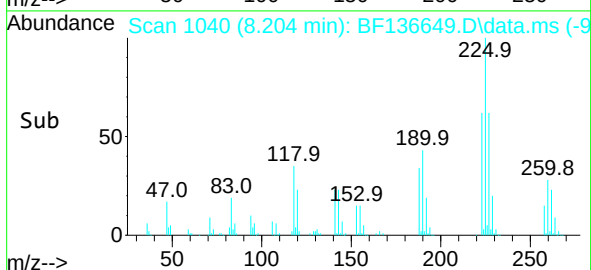
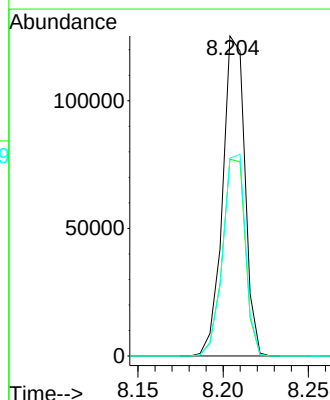
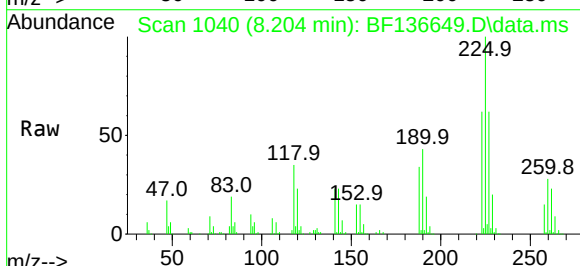
Delta R.T. -0.006 min

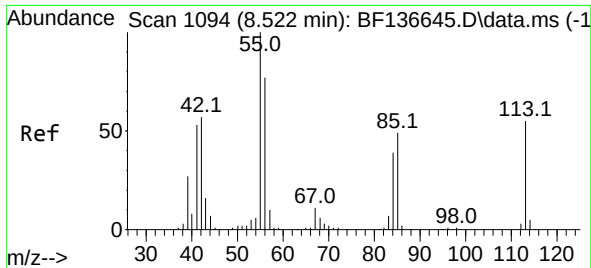
Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Tgt Ion:225 Resp: 113635

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	61.8	51.9	77.9





#35
Caprolactam
Concen: 41.578 ng
RT: 8.528 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

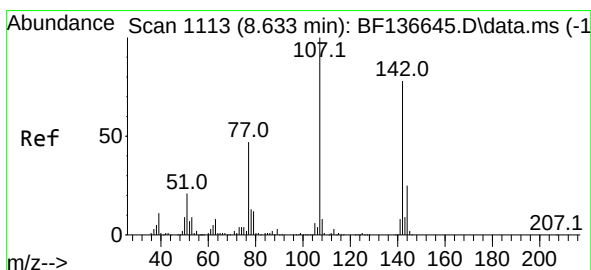
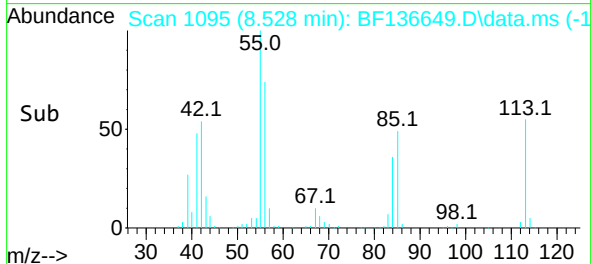
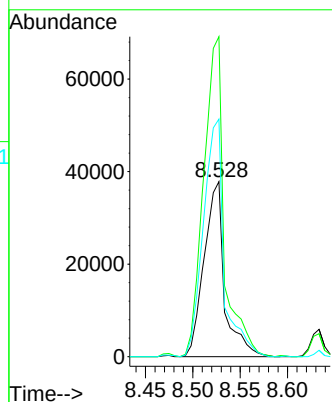
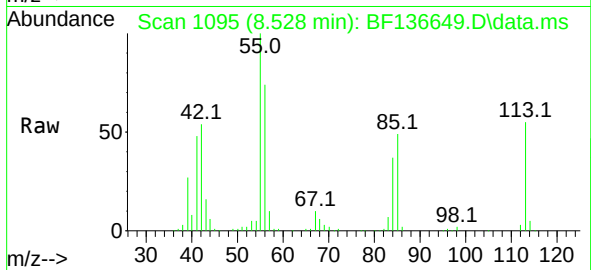
ClientSampleId :

ICVBF122023

Tgt Ion:113 Resp: 57070
Ion Ratio Lower Upper
113 100
55 182.8 163.1 203.1
56 135.7 121.7 161.7

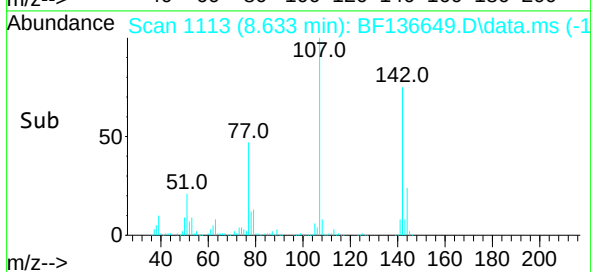
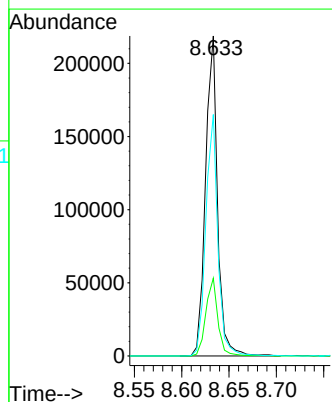
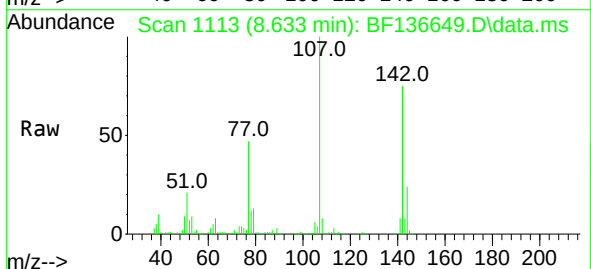
Manual Integrations
APPROVED

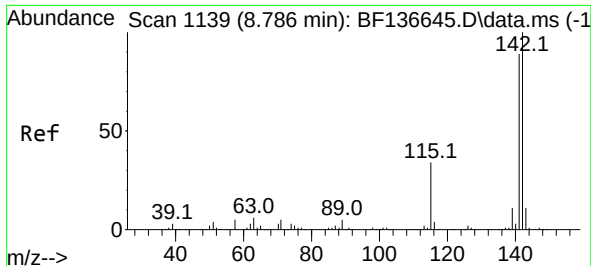
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#36
4-Chloro-3-methylphenol
Concen: 41.050 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:107 Resp: 192301
Ion Ratio Lower Upper
107 100
144 24.3 20.2 30.2
142 75.5 62.3 93.5





#37
2-Methylnaphthalene
Concen: 40.534 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

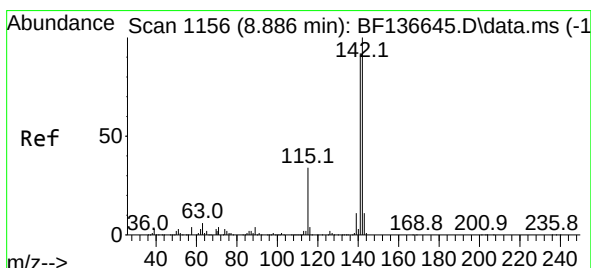
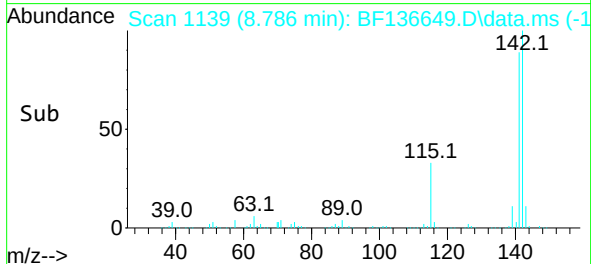
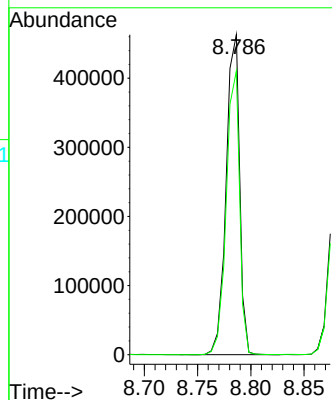
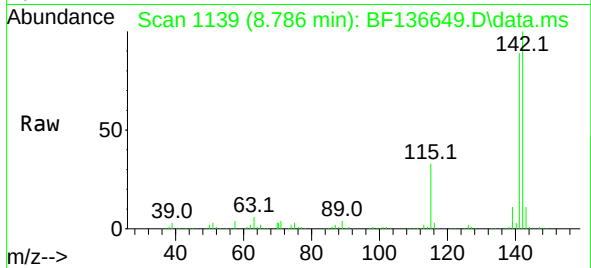
ClientSampleId :

ICVBF122023

Tgt Ion:142 Resp: 406235
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7

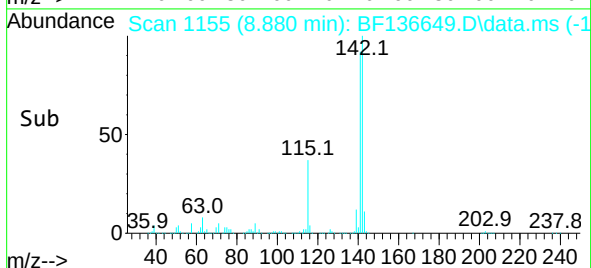
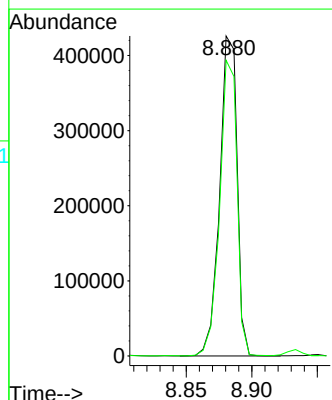
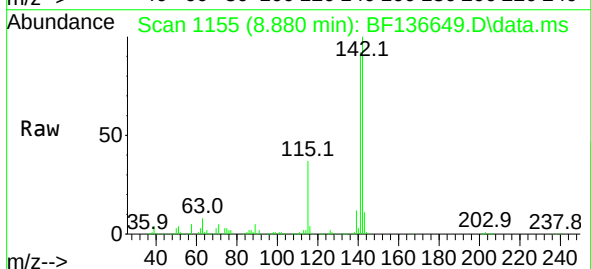
Manual Integrations
APPROVED

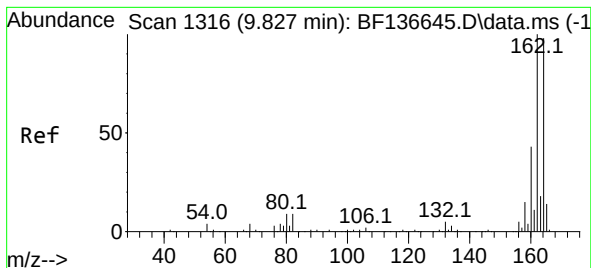
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#38
1-Methylnaphthalene
Concen: 39.993 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:142 Resp: 393228
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136649.D

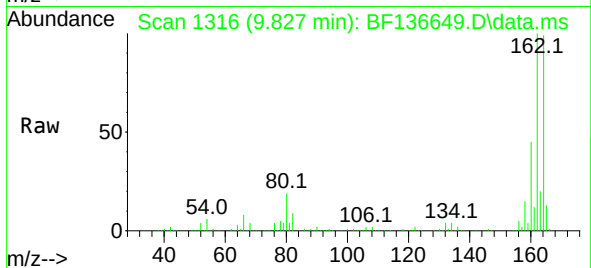
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023



Tgt Ion:164 Resp: 150849

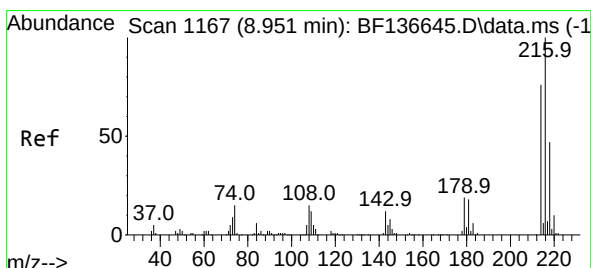
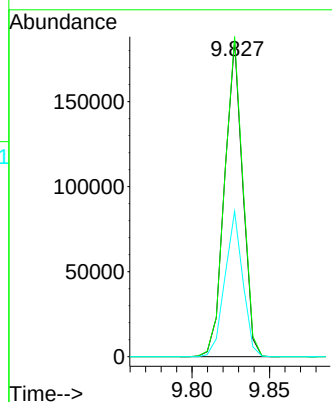
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.6	122.4
160	46.0	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.430 ng

RT: 8.951 min Scan# 1167

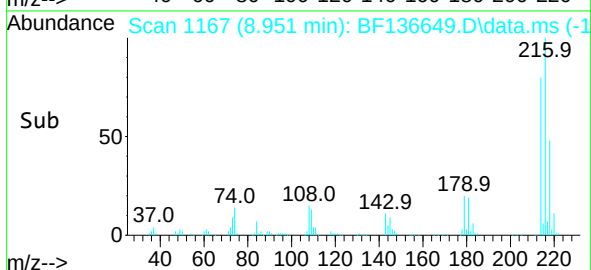
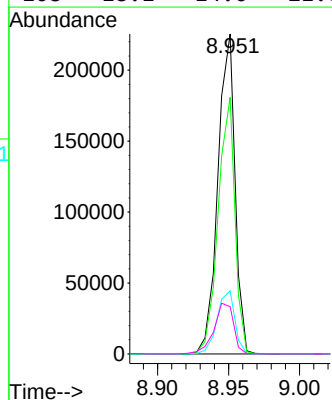
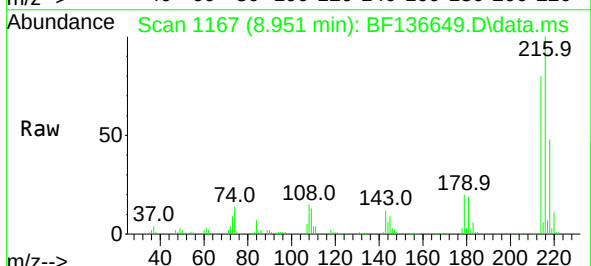
Delta R.T. 0.000 min

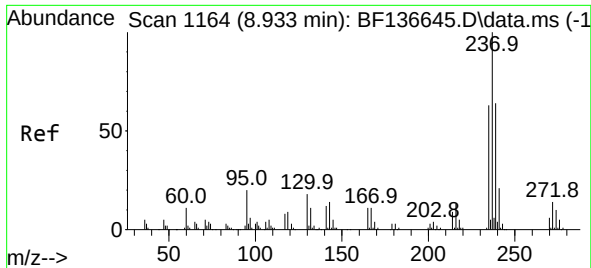
Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Tgt Ion:216 Resp: 188876

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.3	93.5
179	20.4	16.4	24.6
108	18.1	14.0	21.0





#41
Hexachlorocyclopentadiene
Concen: 38.922 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

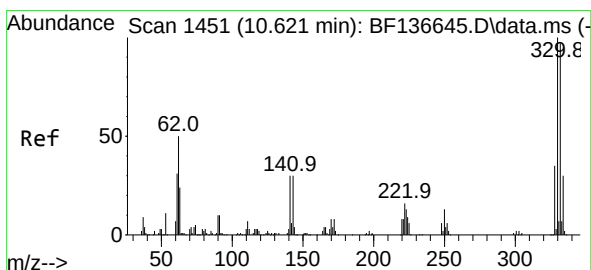
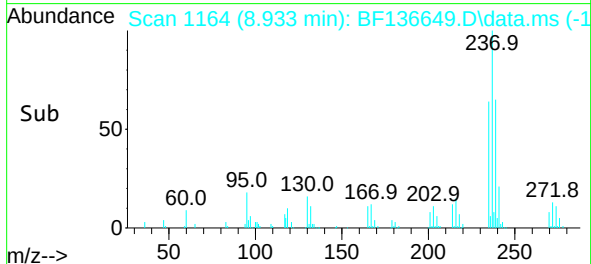
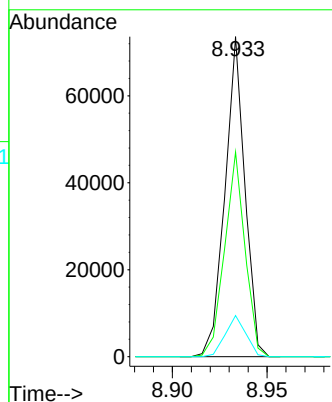
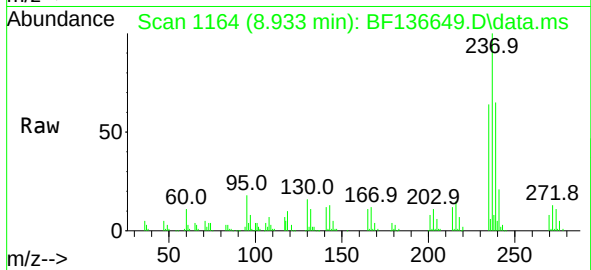
ClientSampleId :

ICVBF122023

Tgt Ion:237 Resp: 53980
Ion Ratio Lower Upper
237 100
235 63.9 43.2 83.2
272 12.9 0.0 34.2

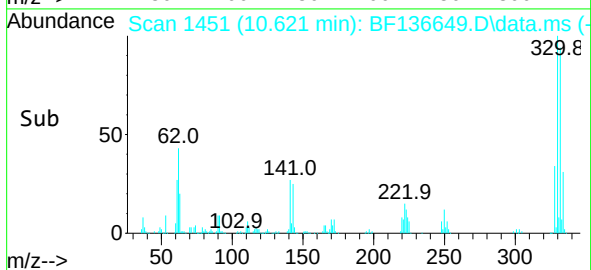
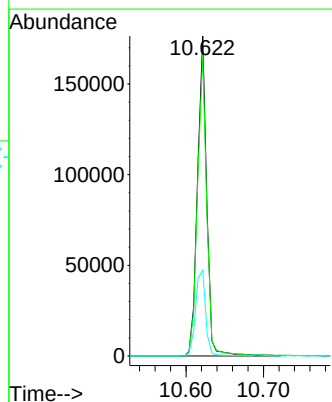
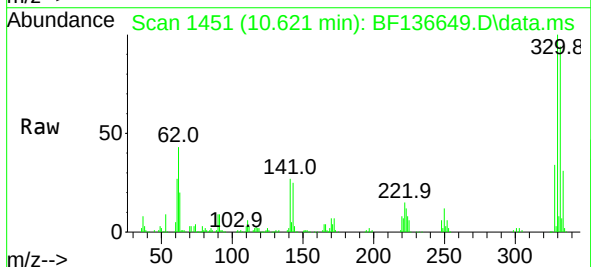
Manual Integrations
APPROVED

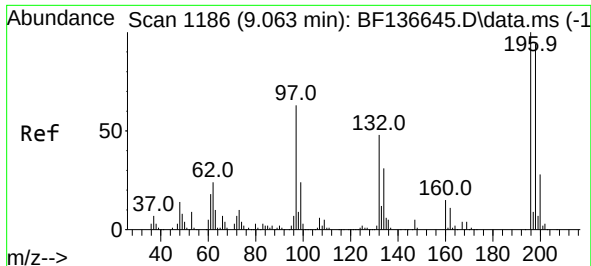
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#42
2,4,6-Tribromophenol
Concen: 82.249 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:330 Resp: 146122
Ion Ratio Lower Upper
330 100
332 94.0 77.4 116.0
141 29.3 23.4 35.2





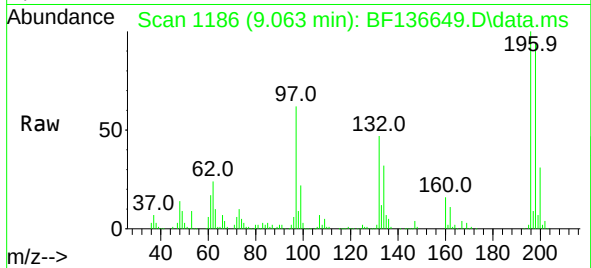
#43
2,4,6-Trichlorophenol
Concen: 40.789 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

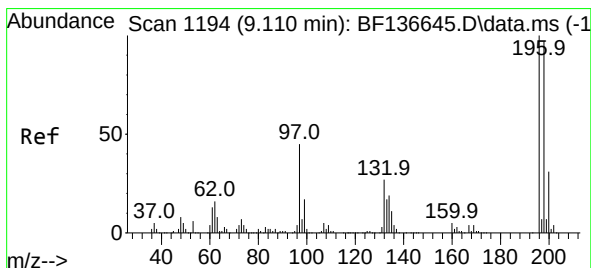
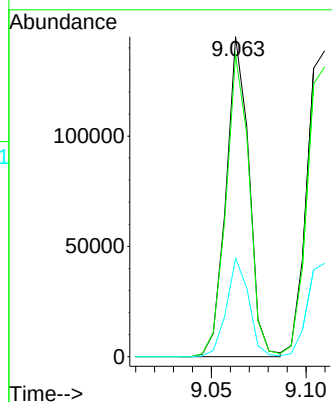


Tgt Ion:196 Resp: 122200
Ion Ratio Lower Upper
196 100
198 94.4 75.1 112.7
200 30.7 22.5 33.7

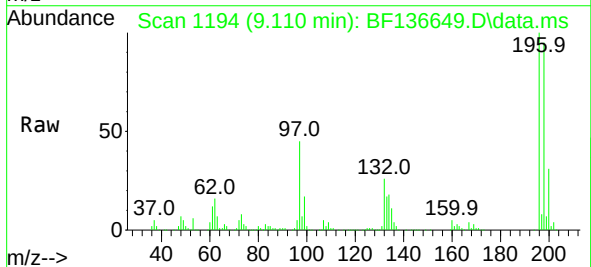
Manual Integrations

APPROVED

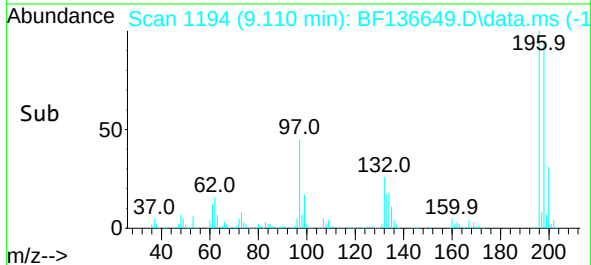
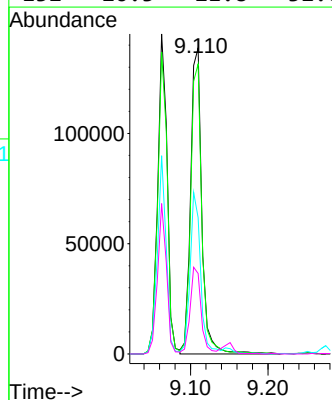
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

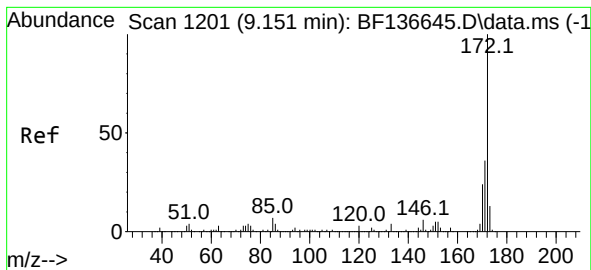


#44
2,4,5-Trichlorophenol
Concen: 41.802 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:196 Resp: 139564
Ion Ratio Lower Upper
196 100
198 94.8 77.0 115.6
97 44.6 36.1 54.1
132 26.3 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 79.452 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

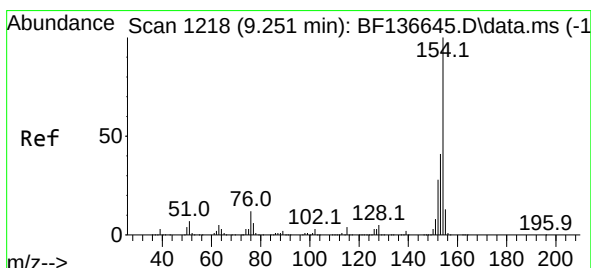
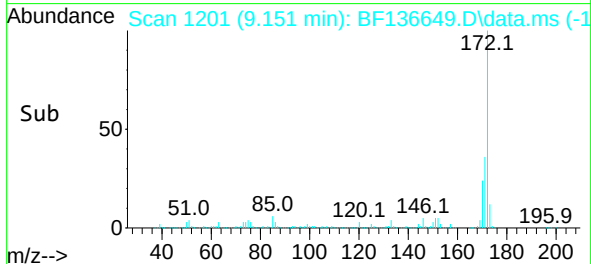
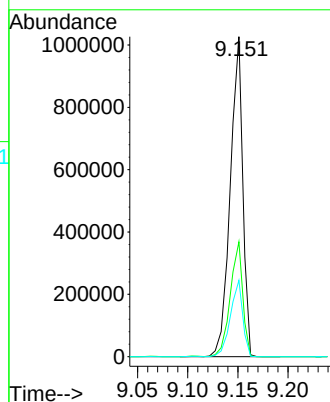
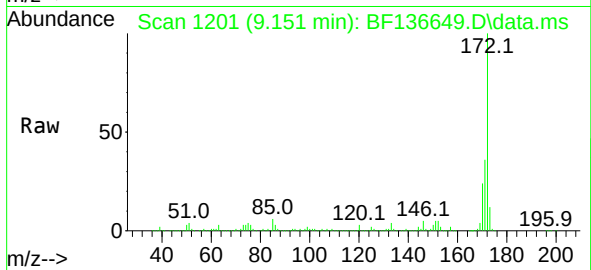
ICVBF122023

Tgt Ion:172 Resp: 891102
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.8 19.0 28.4

Manual Integrations

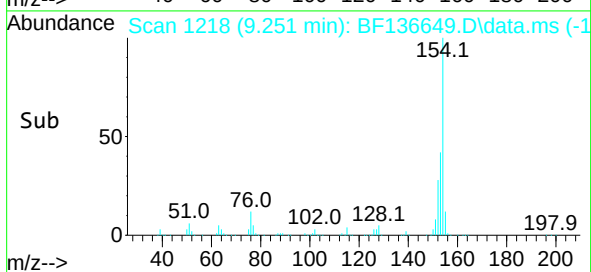
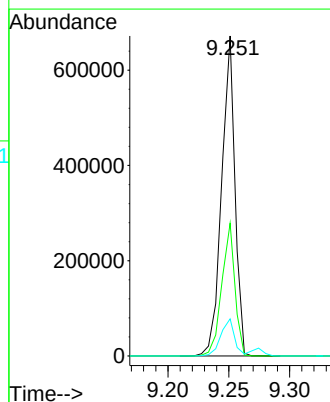
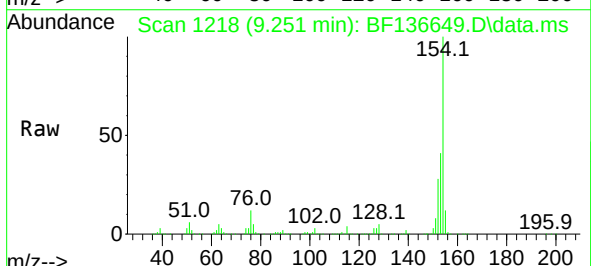
APPROVED

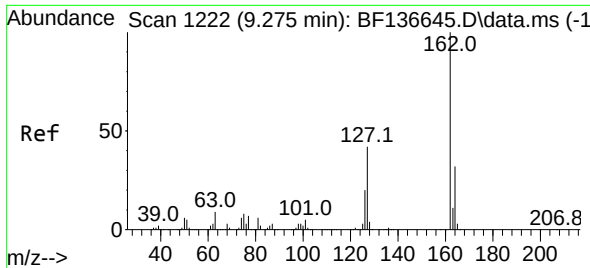
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#46
1,1'-Biphenyl
Concen: 40.547 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:154 Resp: 513263
Ion Ratio Lower Upper
154 100
153 41.5 21.1 61.1
76 11.6 0.0 31.7





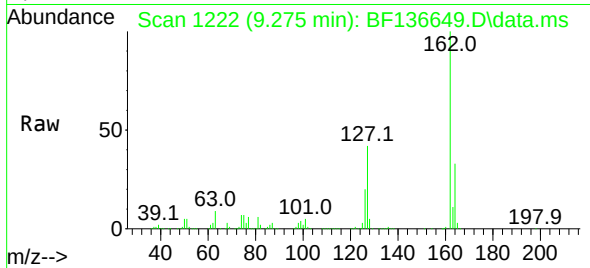
#47
2-Chloronaphthalene
Concen: 39.669 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

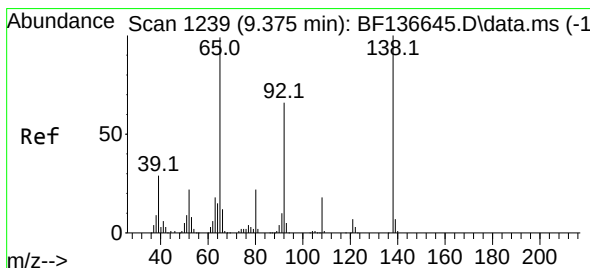
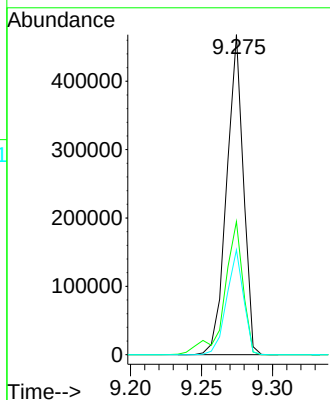
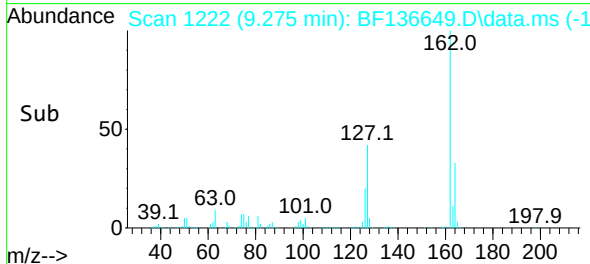
ICVBF122023



Tgt Ion:162 Resp: 38174
Ion Ratio Lower Upper
162 100
127 41.6 33.6 50.4
164 32.8 25.7 38.5

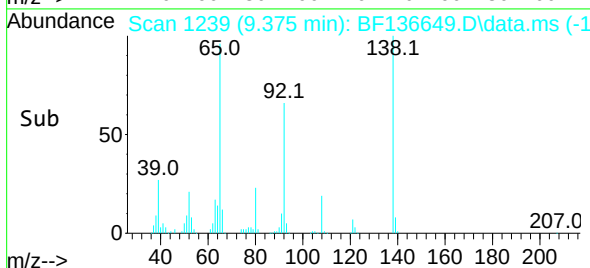
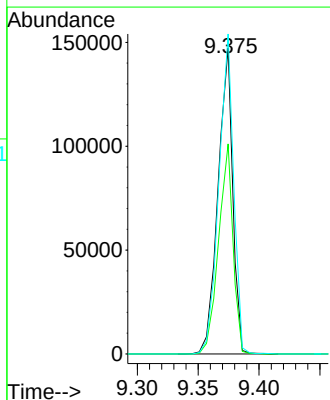
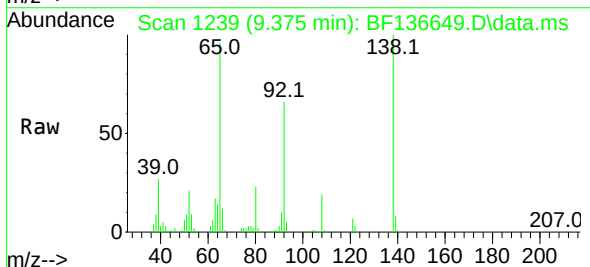
Manual Integrations
APPROVED

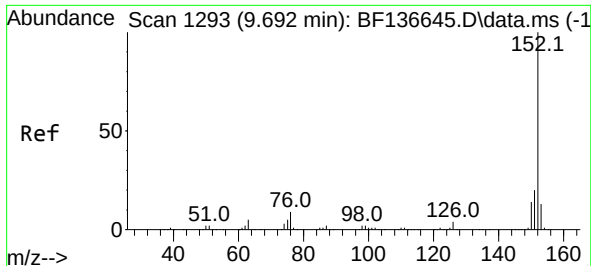
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#48
2-Nitroaniline
Concen: 41.175 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion: 65 Resp: 124079
Ion Ratio Lower Upper
65 100
92 68.6 53.2 79.8
138 104.5 81.1 121.7





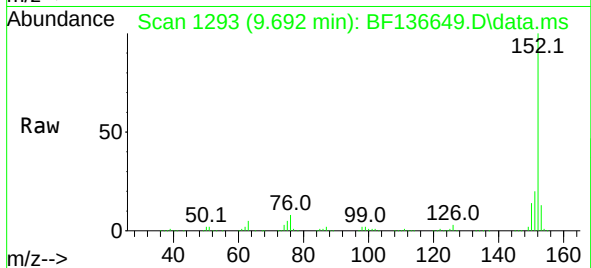
#49
Acenaphthylene
Concen: 40.741 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023



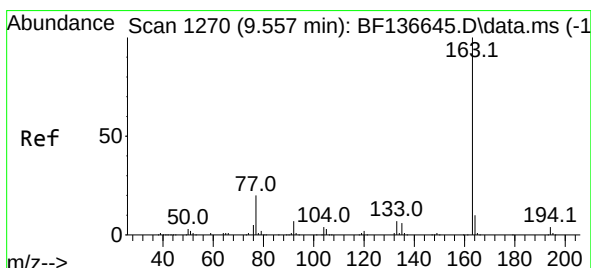
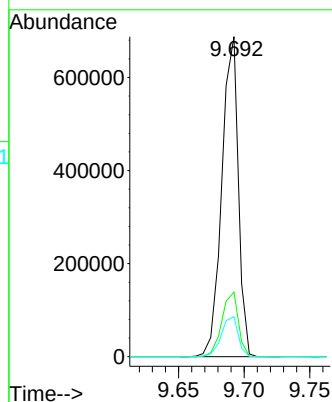
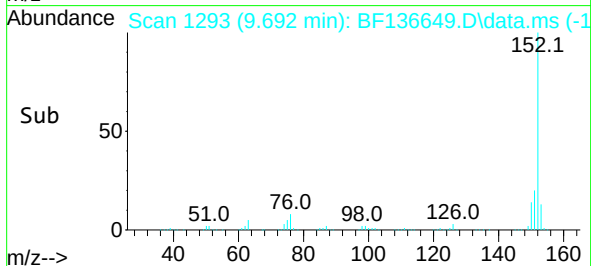
Tgt Ion:152 Resp: 59926
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.5 10.2 15.2

Manual Integrations

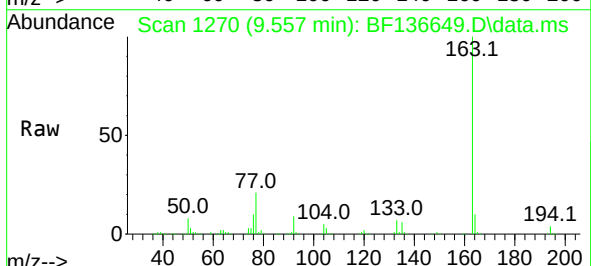
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

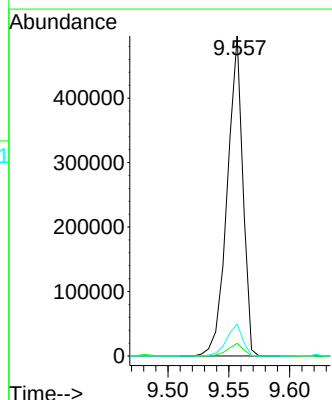
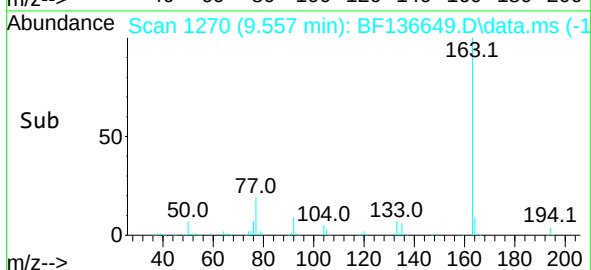
Supervised By :mohammad ahmed 12/21/2023

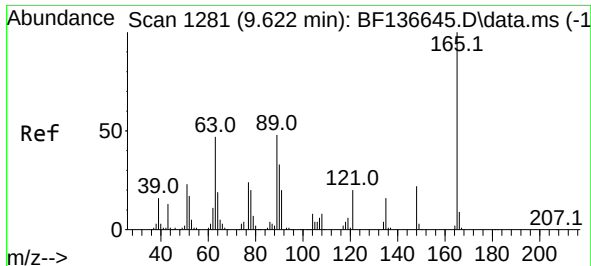


#50
Dimethylphthalate
Concen: 40.148 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:163 Resp: 442365
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 7.8 11.6





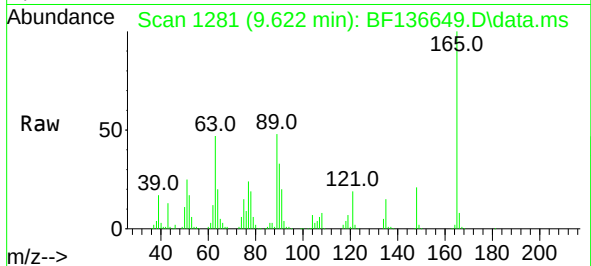
#51
2,6-Dinitrotoluene
Concen: 41.577 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

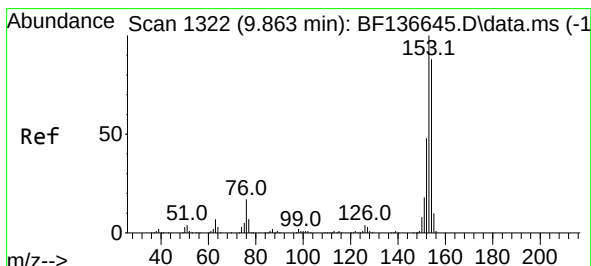
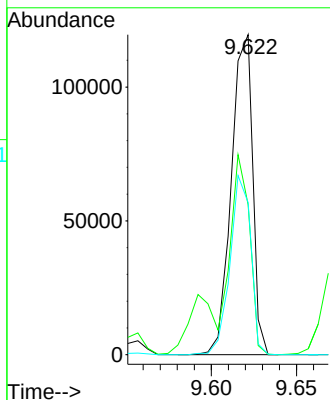
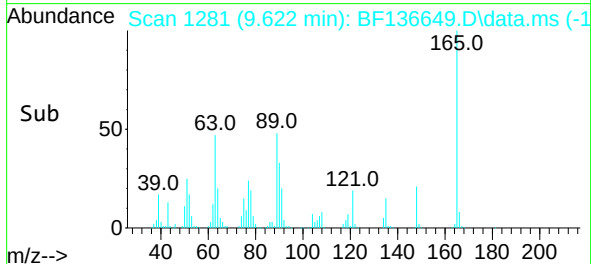
ICVBF122023



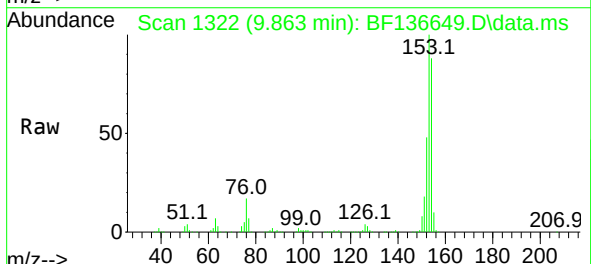
Tgt Ion:165 Resp: 103970
Ion Ratio Lower Upper
165 100
63 46.8 39.8 59.6
89 47.5 38.8 58.2

Manual Integrations
APPROVED

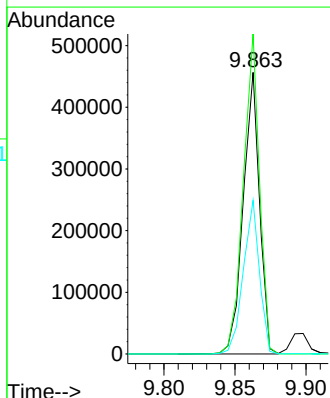
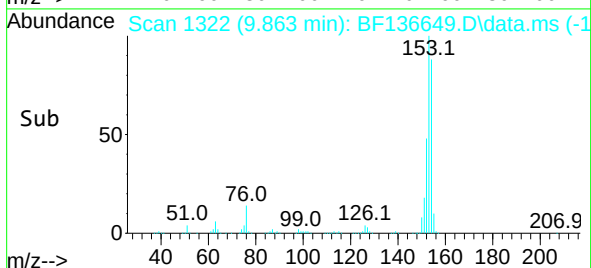
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

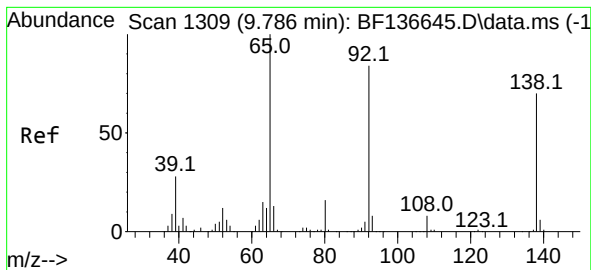


#52
Acenaphthene
Concen: 40.098 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:154 Resp: 365608
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 54.6 43.7 65.5





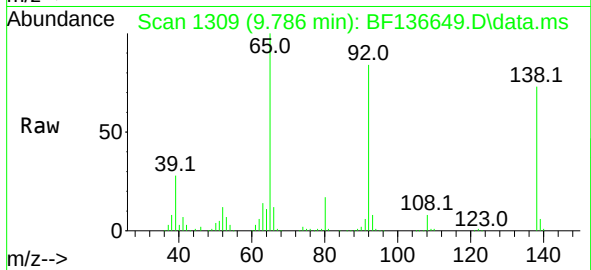
#53
3-Nitroaniline
Concen: 41.724 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

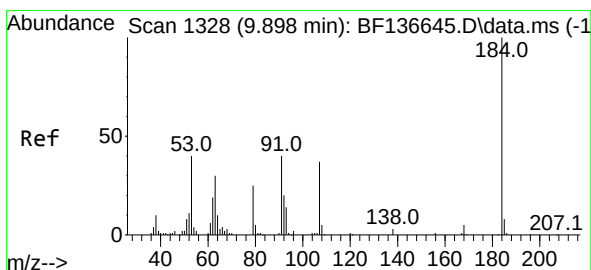
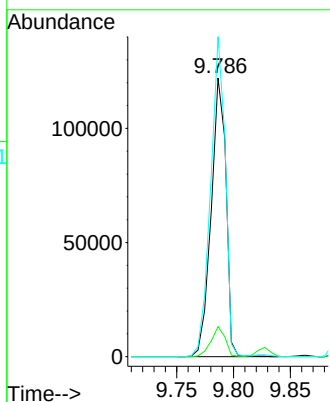
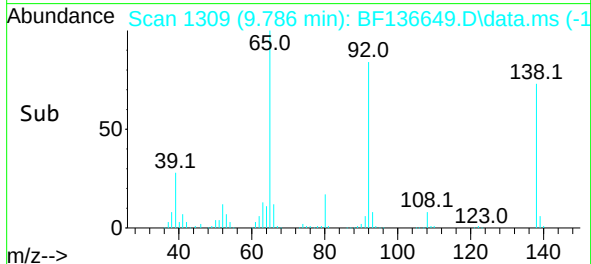


Tgt Ion:138 Resp: 110529
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 114.8 95.2 142.8

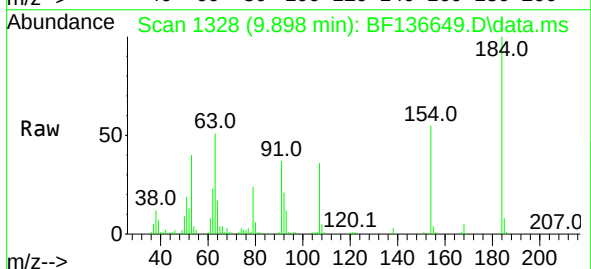
Manual Integrations

APPROVED

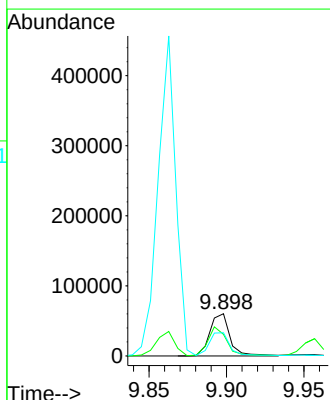
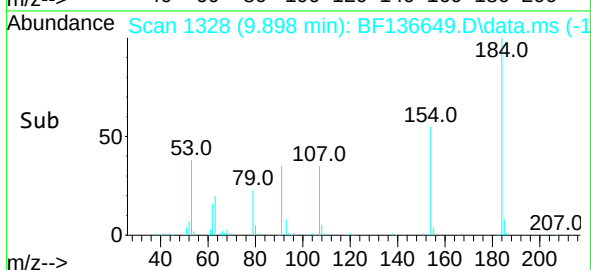
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

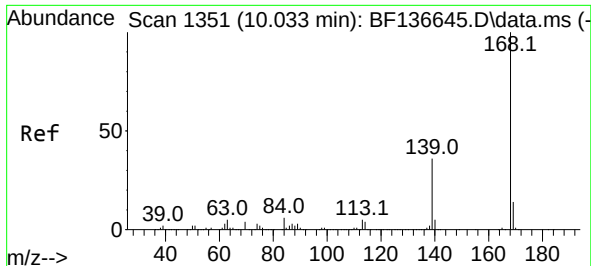


#54
2,4-Dinitrophenol
Concen: 41.232 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:184 Resp: 54512
Ion Ratio Lower Upper
184 100
63 51.2 40.9 61.3
154 55.0 42.7 64.1





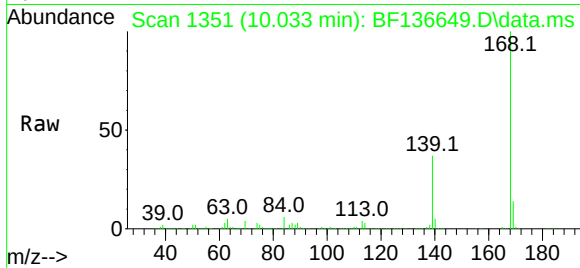
#55
Dibenzofuran
Concen: 40.475 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

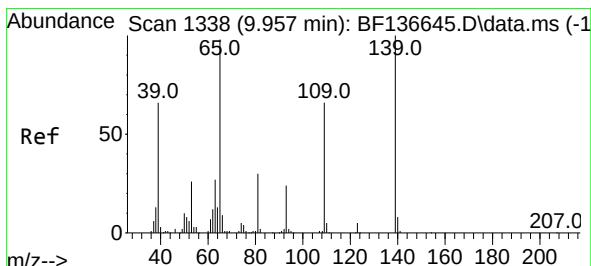
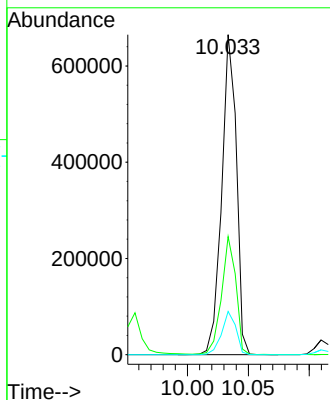
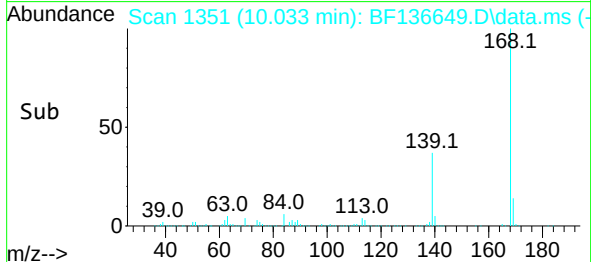


Tgt Ion:168 Resp: 55942
Ion Ratio Lower Upper
168 100
139 36.9 29.3 43.9
169 13.5 11.0 16.4

Manual Integrations

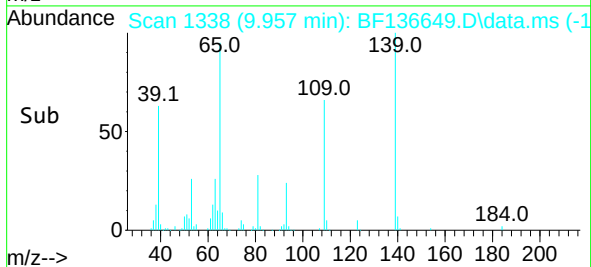
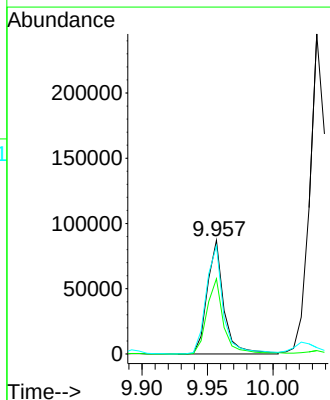
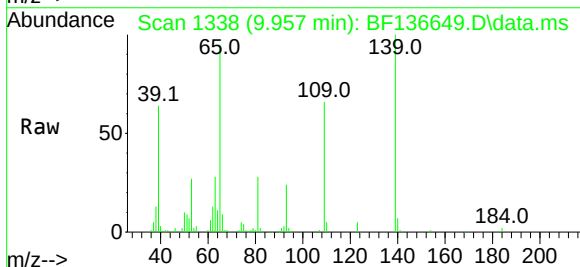
APPROVED

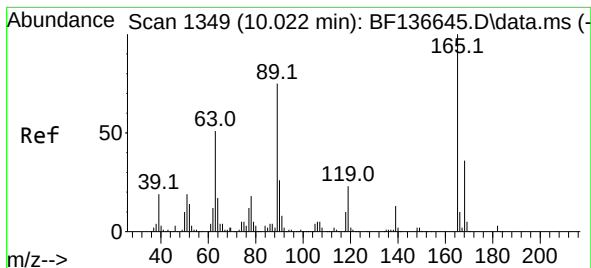
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#56
4-Nitrophenol
Concen: 42.832 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:139 Resp: 76592
Ion Ratio Lower Upper
139 100
109 66.2 45.8 85.8
65 95.4 77.8 117.8





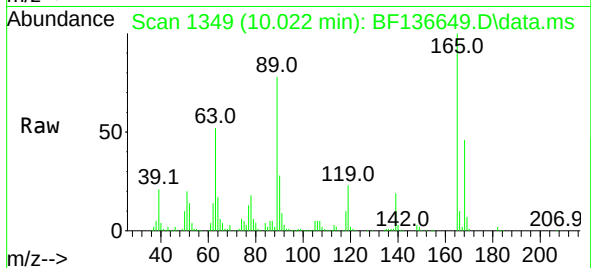
#57
2,4-Dinitrotoluene
Concen: 41.819 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

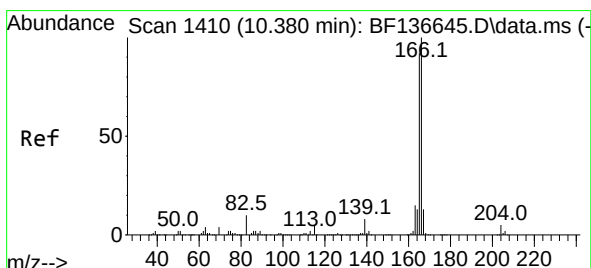
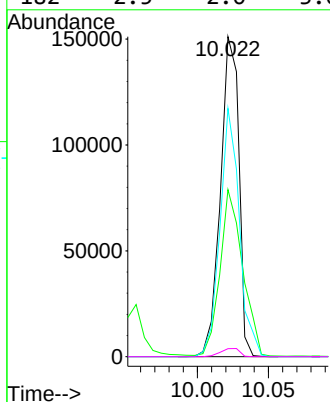
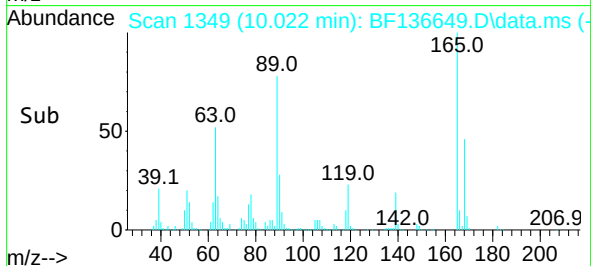


Tgt Ion:165 Resp: 135750
Ion Ratio Lower Upper
165 100
63 52.2 41.0 61.6
89 77.6 59.9 89.9
182 2.5 2.0 3.0

Manual Integrations

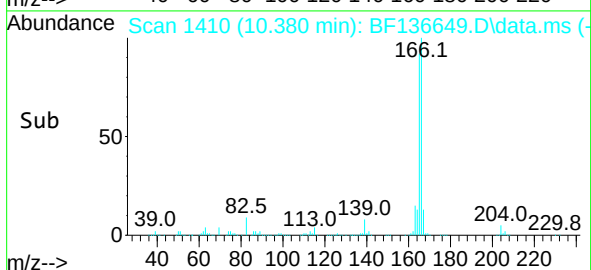
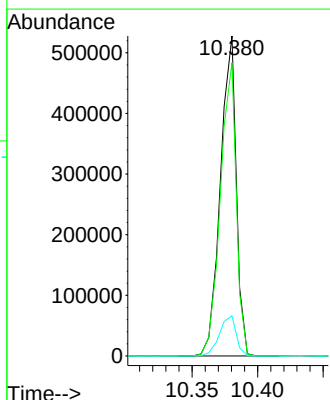
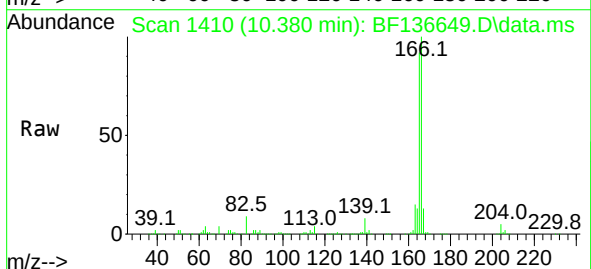
APPROVED

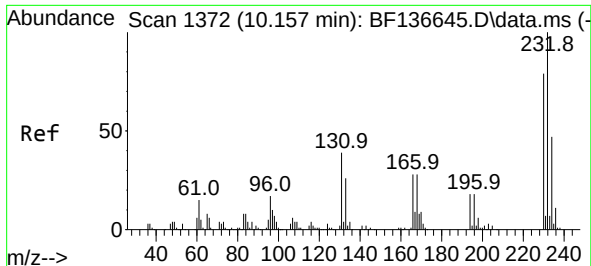
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#58
Fluorene
Concen: 40.281 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

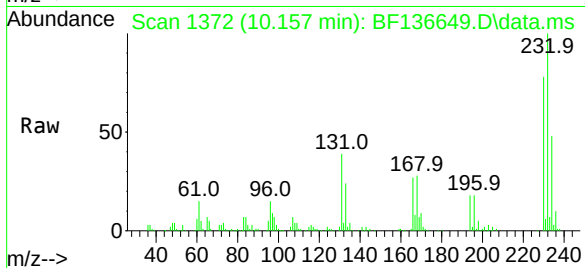
Tgt Ion:166 Resp: 441753
Ion Ratio Lower Upper
166 100
165 91.7 73.7 110.5
167 12.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.572 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

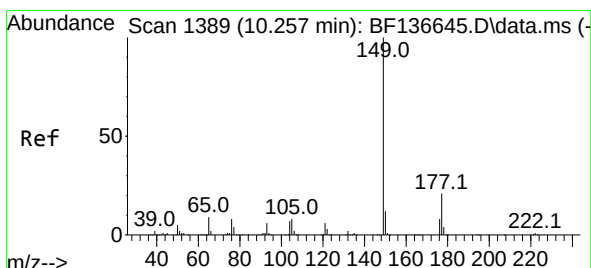
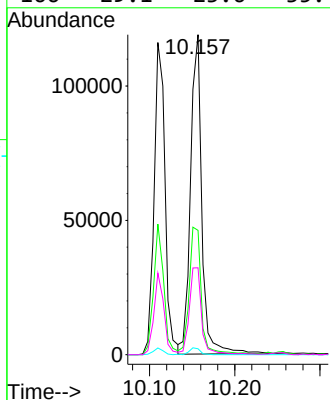
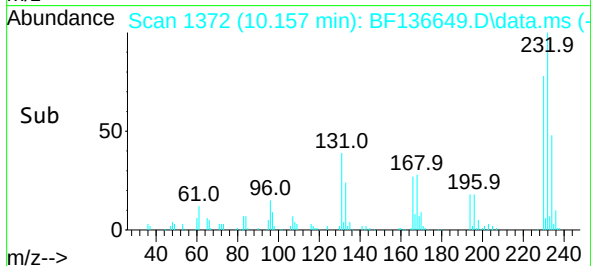
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



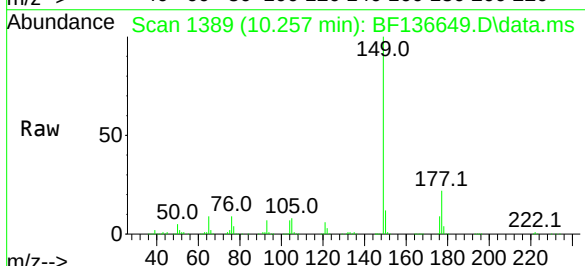
Tgt Ion:232 Resp: 10941
Ion Ratio Lower Upper
232 100
131 43.2 35.1 52.7
130 2.1 1.6 2.4
166 29.1 23.6 35.4

Manual Integrations
APPROVED

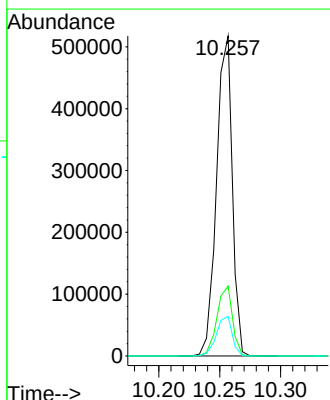
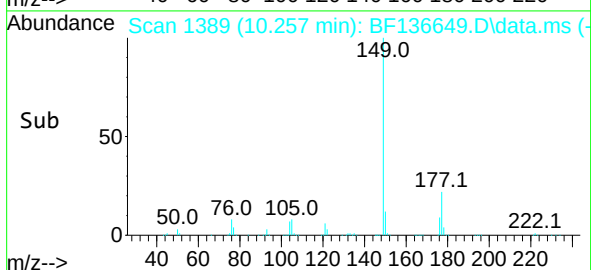
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

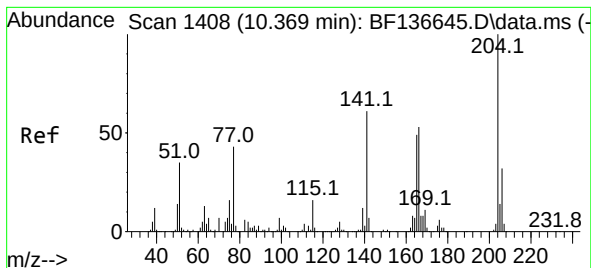


#60
Diethylphthalate
Concen: 40.723 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



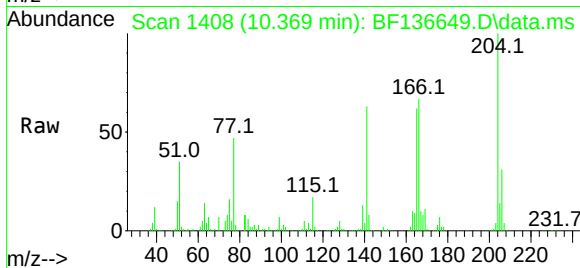
Tgt Ion:149 Resp: 465552
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.885 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

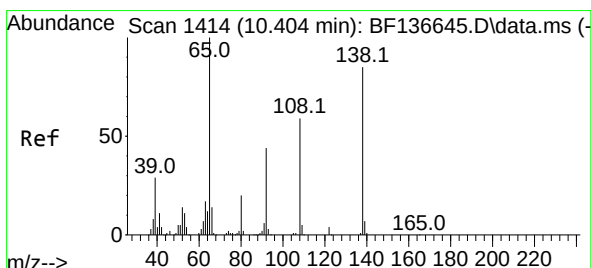
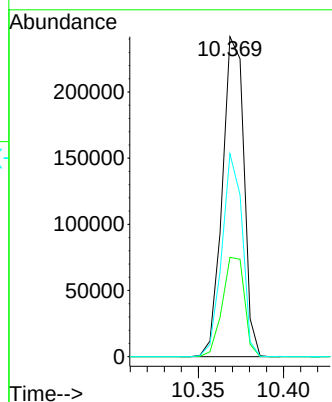
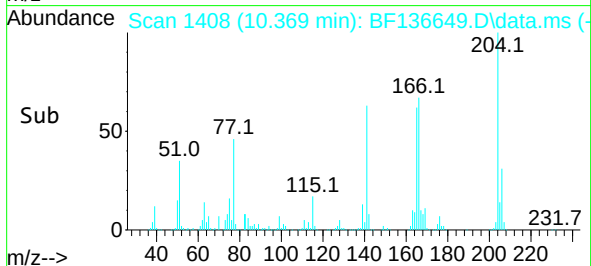
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



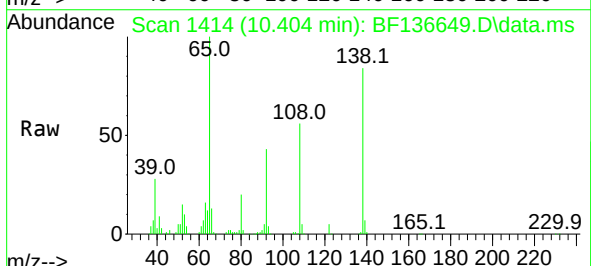
Tgt Ion:204 Resp: 212610
Ion Ratio Lower Upper
204 100
206 31.0 25.6 38.4
141 63.4 48.4 72.6

Manual Integrations
APPROVED

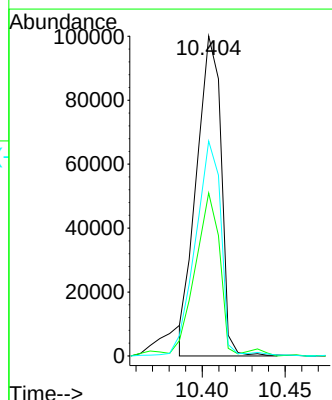
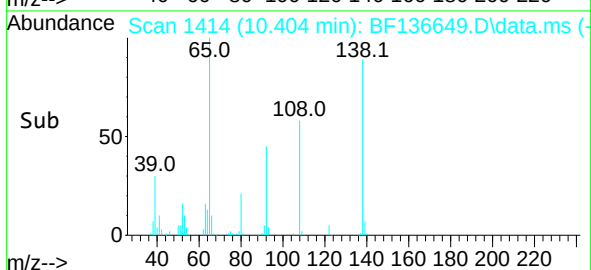
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

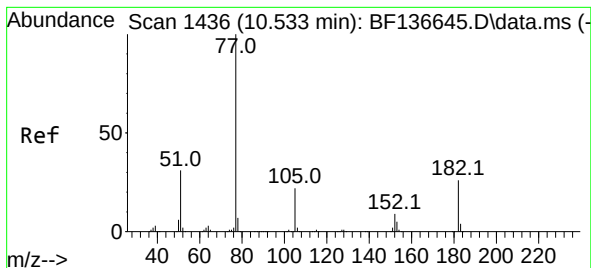


#62
4-Nitroaniline
Concen: 40.370 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:138 Resp: 103091
Ion Ratio Lower Upper
138 100
92 51.0 32.1 72.1
108 67.1 50.1 90.1





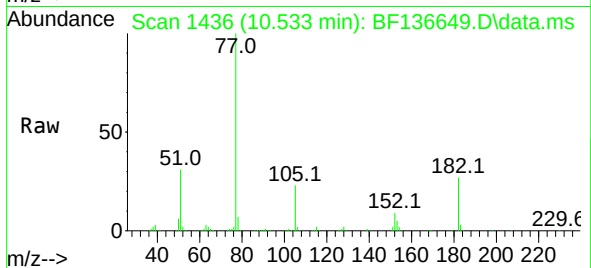
#63
Azobenzene
Concen: 40.640 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023



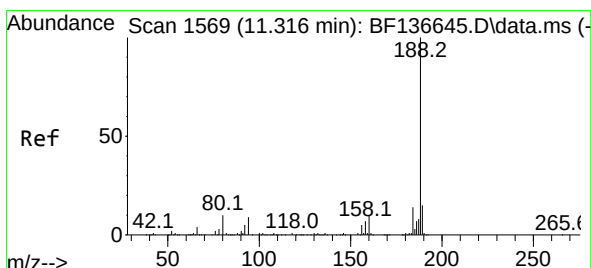
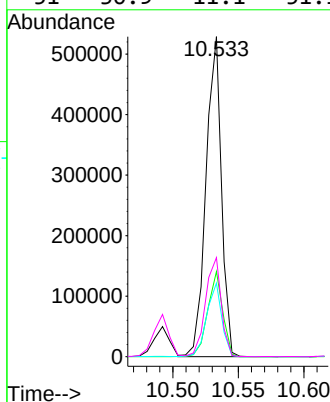
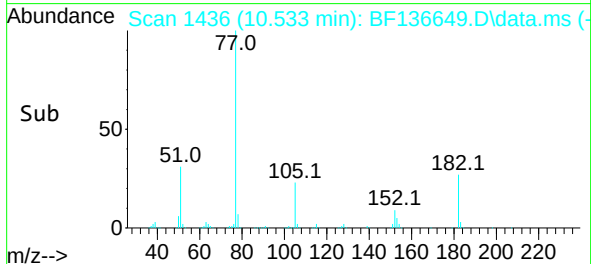
Tgt Ion: 77 Resp: 433948
Ion Ratio Lower Upper
77 100
182 26.6 6.0 46.0
105 23.0 2.3 42.3
51 30.9 11.1 51.1

Manual Integrations

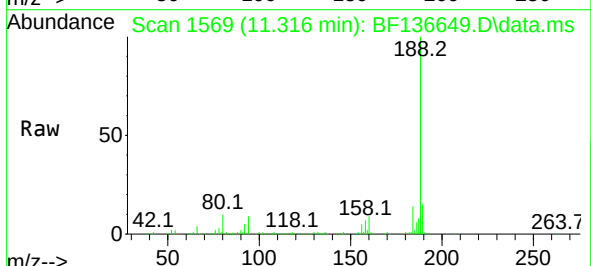
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

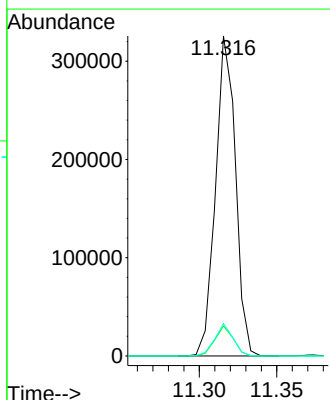
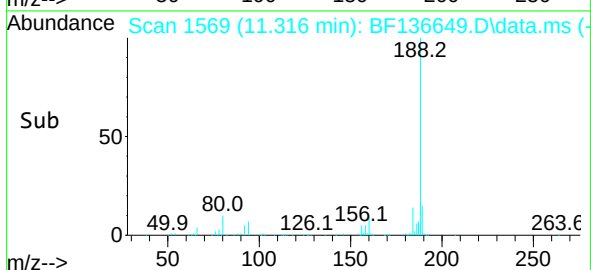
Supervised By :mohammad ahmed 12/21/2023

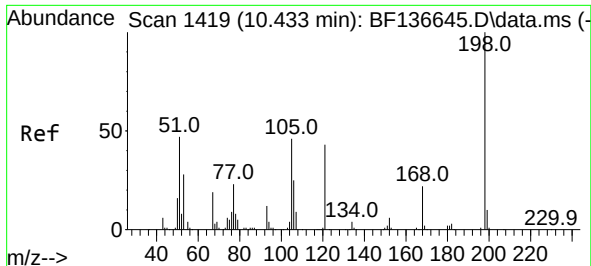


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:188 Resp: 291124
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.1 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 44.484 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

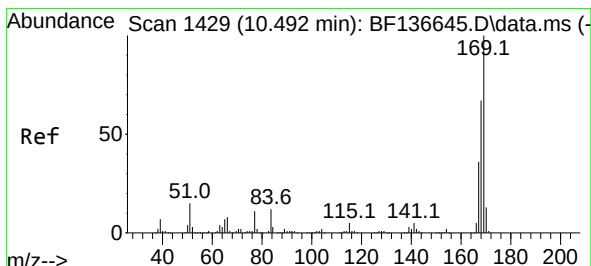
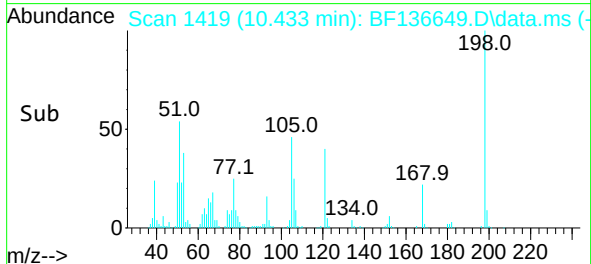
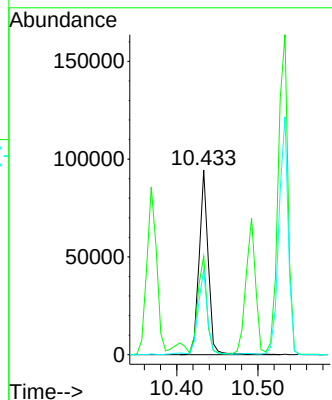
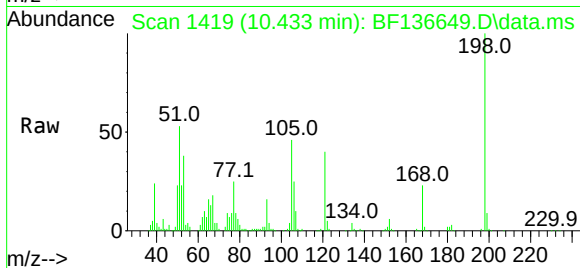
ICVBF122023

Tgt Ion:198 Resp: 74219
Ion Ratio Lower Upper
198 100
51 53.4 34.1 74.1
105 46.0 27.3 67.3

Manual Integrations

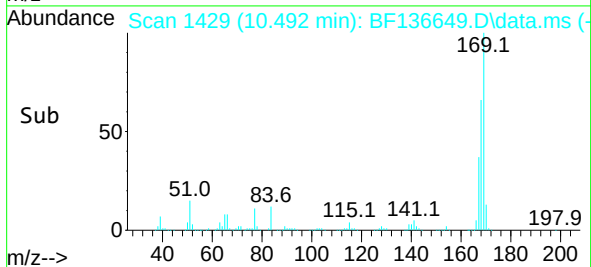
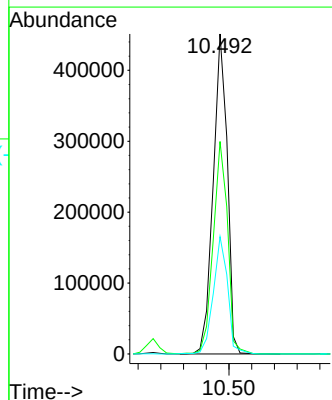
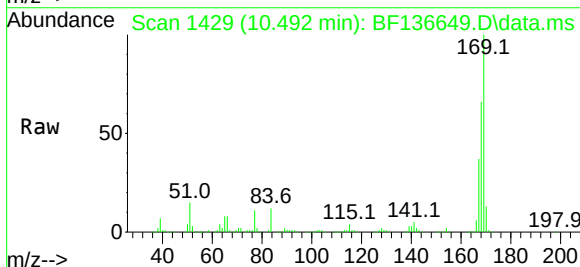
APPROVED

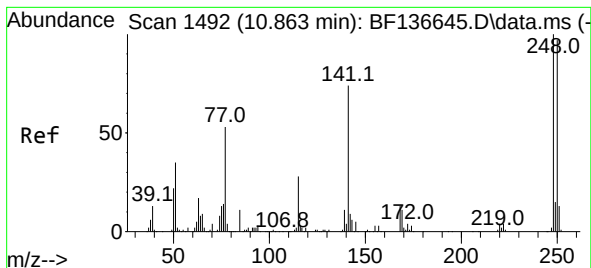
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#66
n-Nitrosodiphenylamine
Concen: 41.009 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

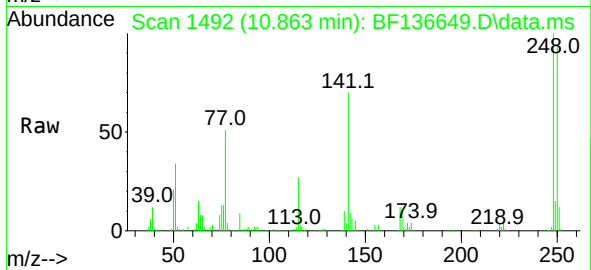
Tgt Ion:169 Resp: 387827
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 36.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 41.272 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

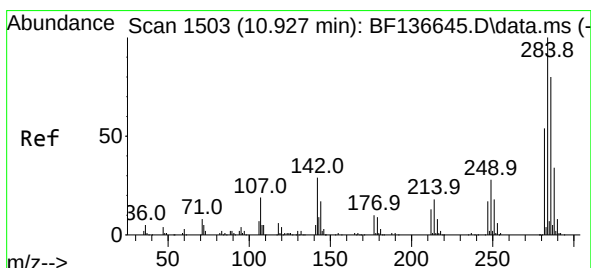
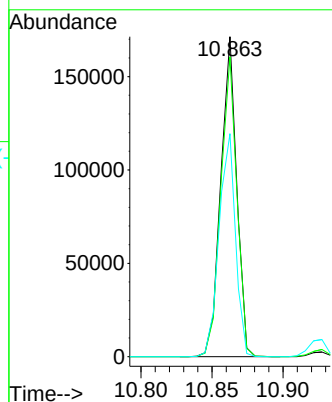
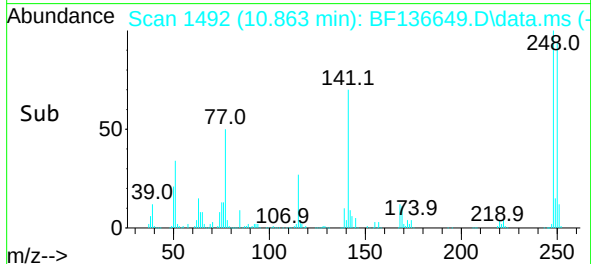
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



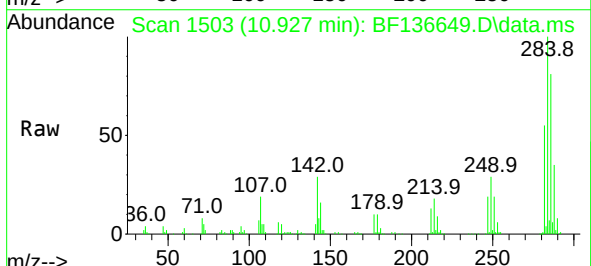
Tgt Ion:248 Resp: 133439
Ion Ratio Lower Upper
248 100
250 93.8 77.8 116.6
141 69.7 59.2 88.8

Manual Integrations
APPROVED

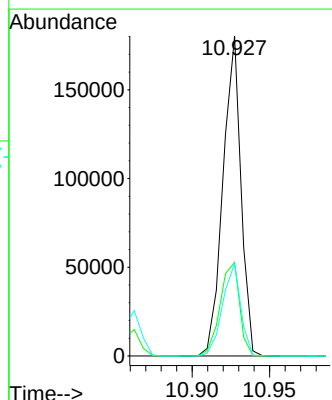
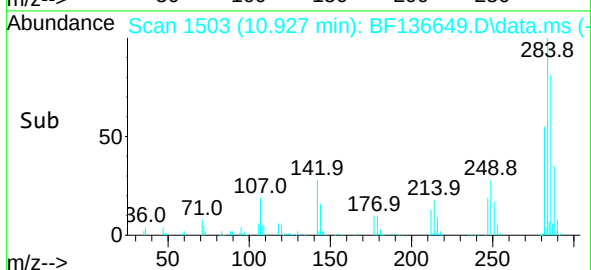
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

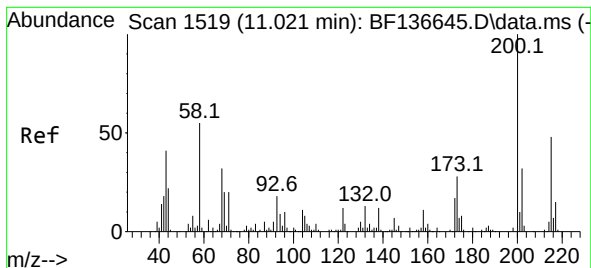


#68
Hexachlorobenzene
Concen: 40.265 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:284 Resp: 145076
Ion Ratio Lower Upper
284 100
142 29.2 23.4 35.0
249 28.9 22.3 33.5





#69

Atrazine

Concen: 33.998 ng

RT: 11.021 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

Tgt Ion:200 Resp: 82230

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

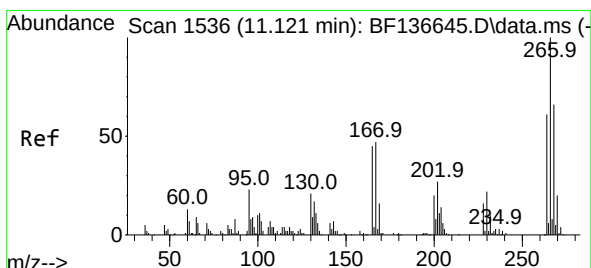
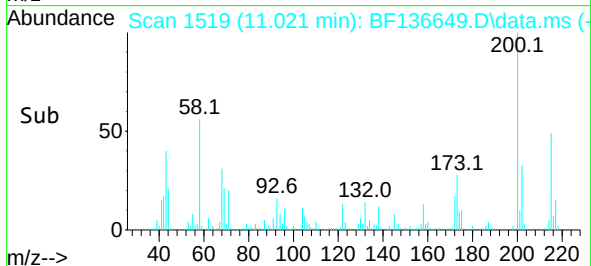
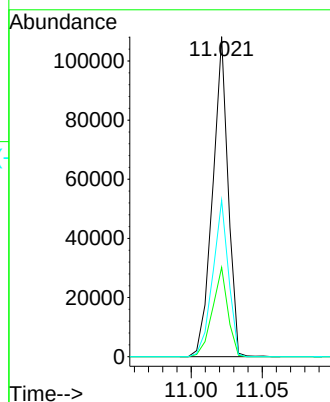
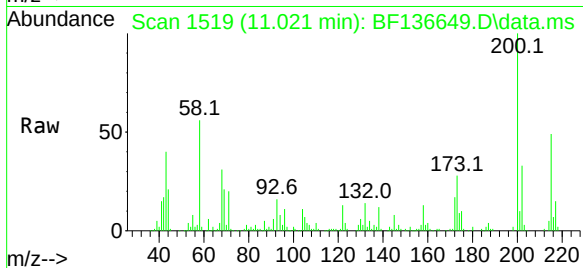
215 48.9 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#70

Pentachlorophenol

Concen: 44.128 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

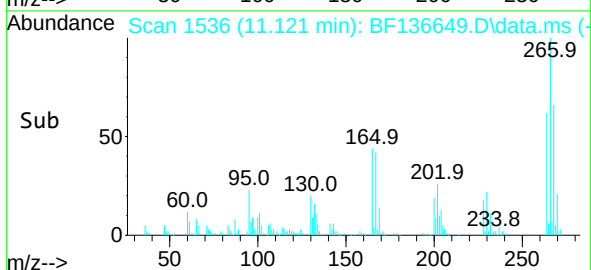
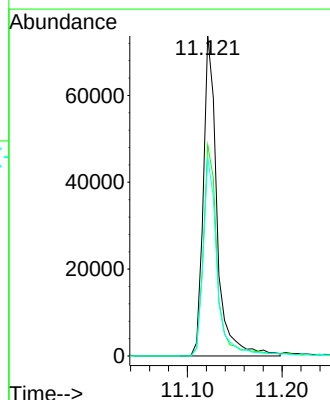
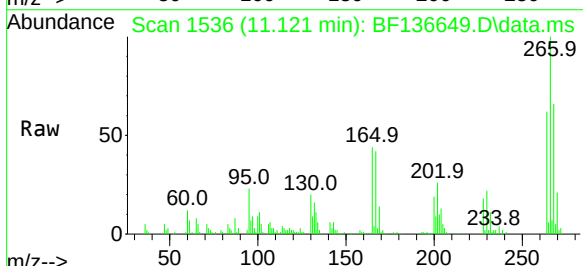
Tgt Ion:266 Resp: 74110

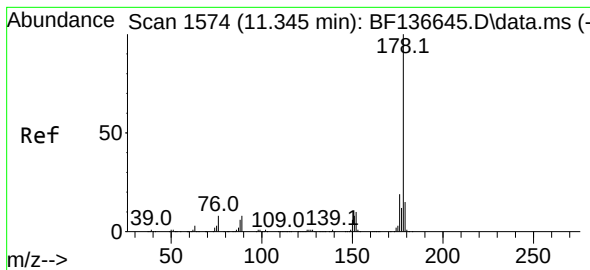
Ion Ratio Lower Upper

266 100

268 65.9 52.6 78.8

264 62.0 49.0 73.4





#71
Phenanthrene
Concen: 40.386 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

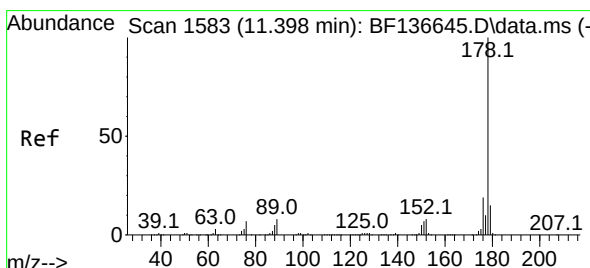
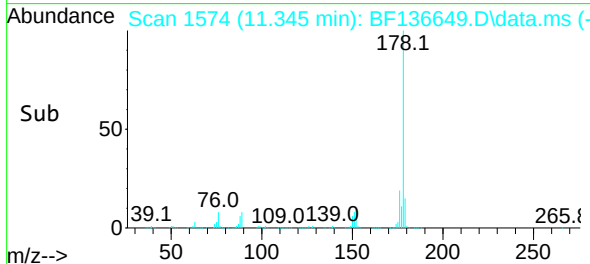
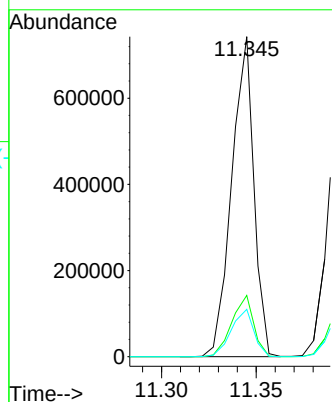
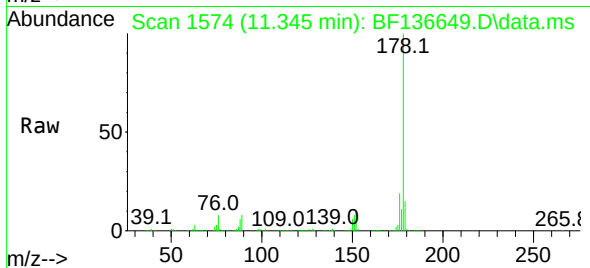
ICVBF122023

Tgt Ion:178 Resp: 60328
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 14.8 11.9 17.9

Manual Integrations

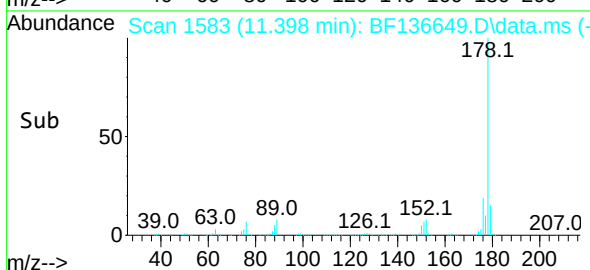
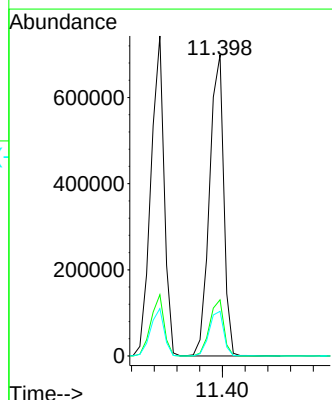
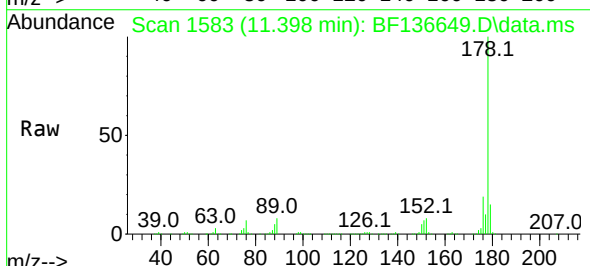
APPROVED

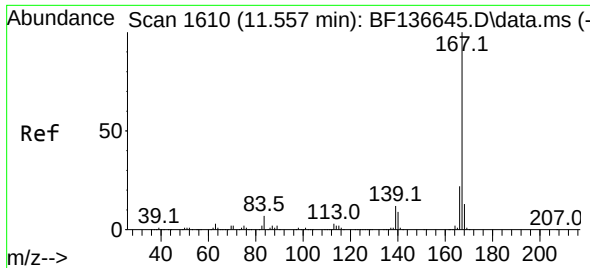
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#72
Anthracene
Concen: 40.132 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

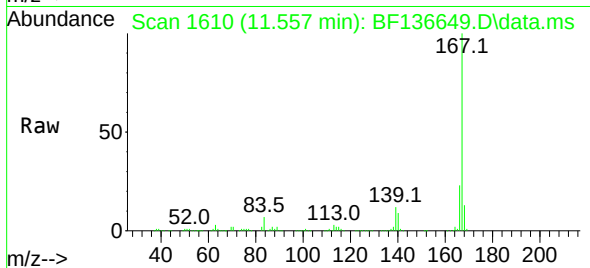
Tgt Ion:178 Resp: 607116
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 14.8 11.8 17.6





#73
 Carbazole
 Concen: 40.386 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50

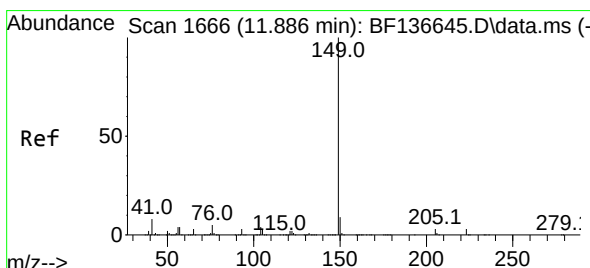
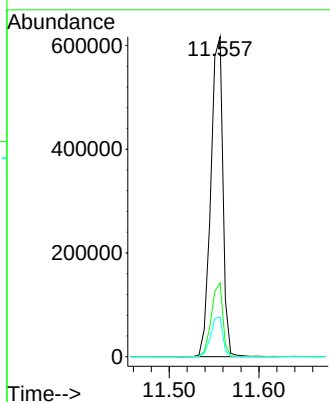
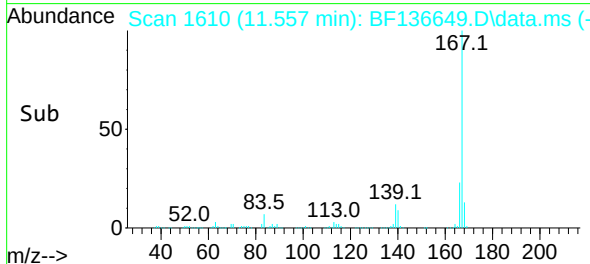
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122023



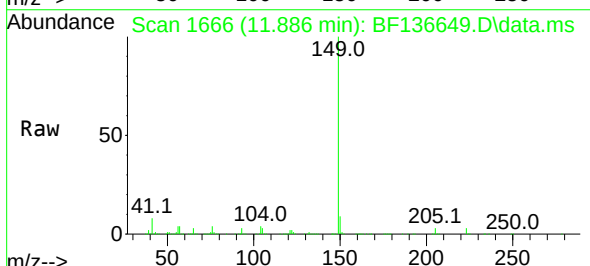
Tgt Ion:167 Resp: 576020
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.3 25.9
 139 12.4 9.8 14.6

Manual Integrations
 APPROVED

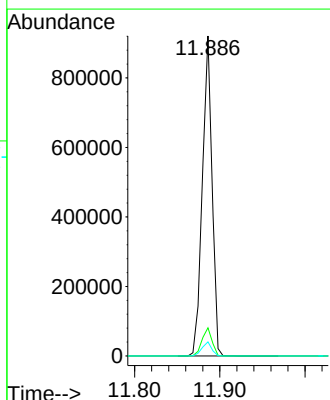
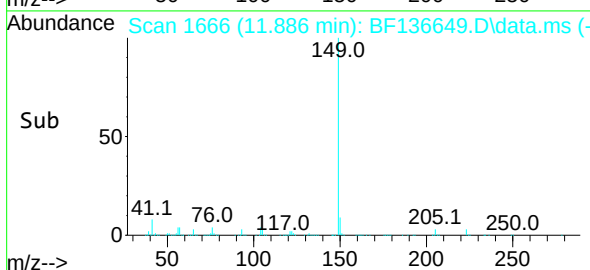
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

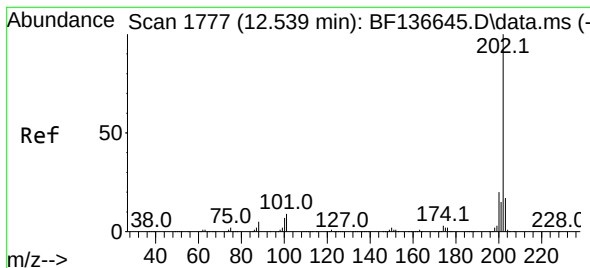


#74
 Di-n-butylphthalate
 Concen: 41.779 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136649.D
 Acq: 20 Dec 2023 15:50



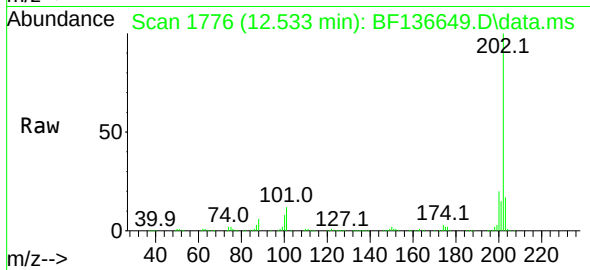
Tgt Ion:149 Resp: 727134
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 40.391 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

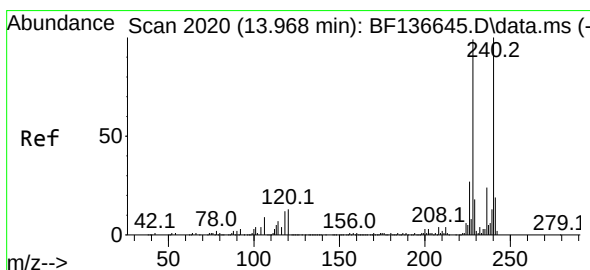
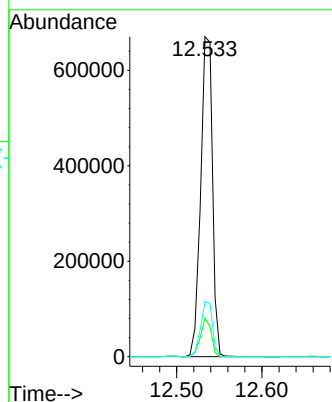
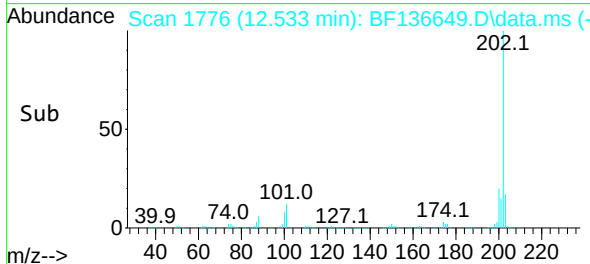
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



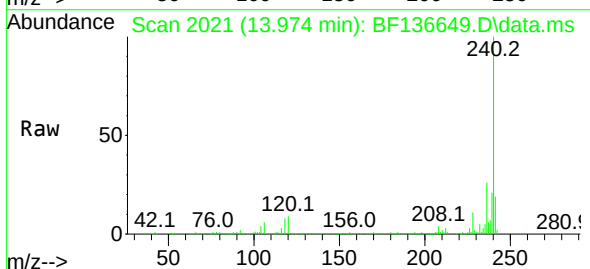
Tgt Ion:202 Resp: 64537
Ion Ratio Lower Upper
202 100
101 12.0 0.0 29.3
203 17.3 0.0 37.1

Manual Integrations
APPROVED

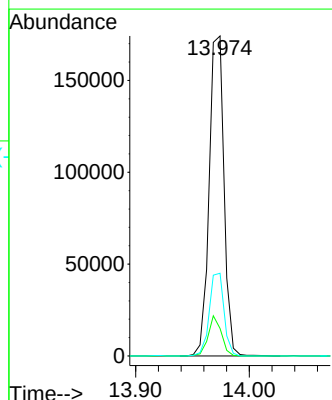
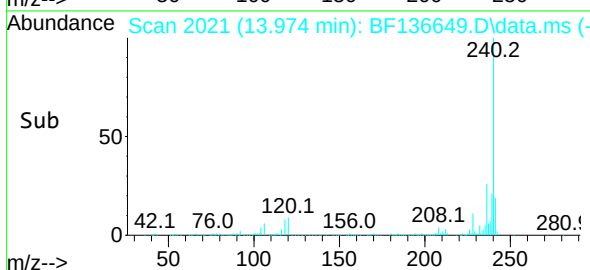
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

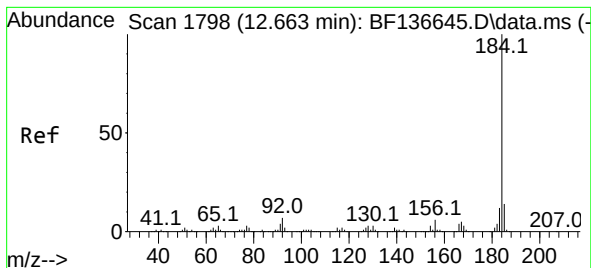


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



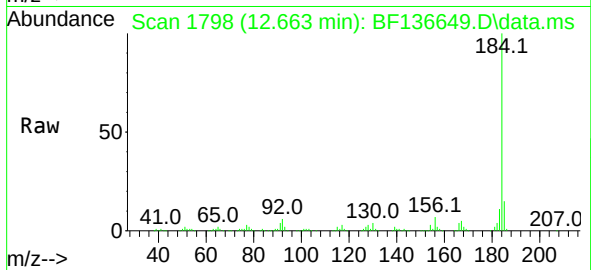
Tgt Ion:240 Resp: 157872
Ion Ratio Lower Upper
240 100
120 8.6 10.3 15.5#
236 25.9 19.4 29.2





#77
Benzidine
Concen: 34.386 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

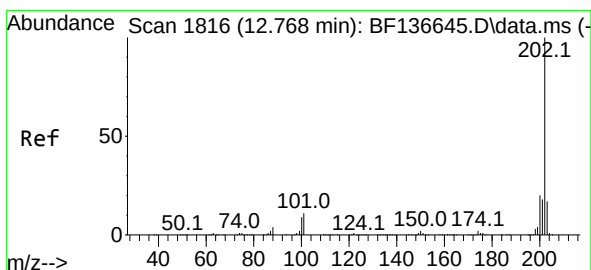
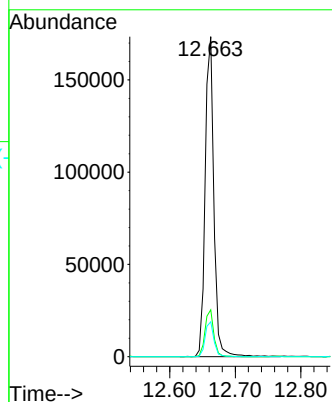
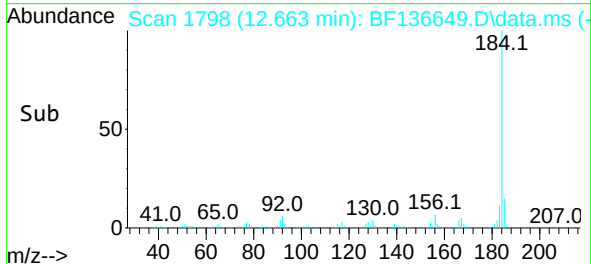
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



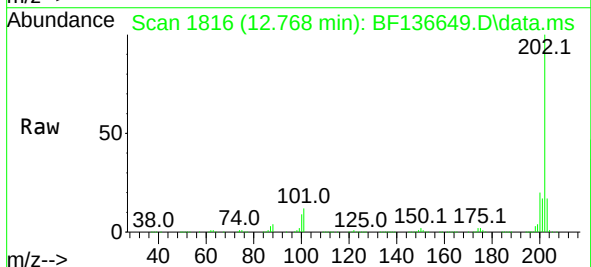
Tgt Ion:184 Resp: 160064
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 10.9 9.3 13.9

Manual Integrations
APPROVED

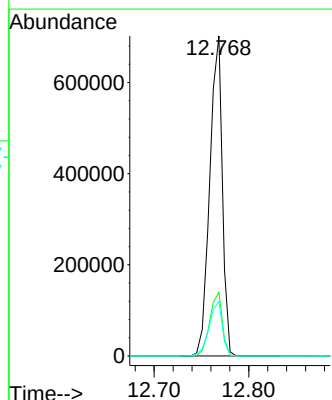
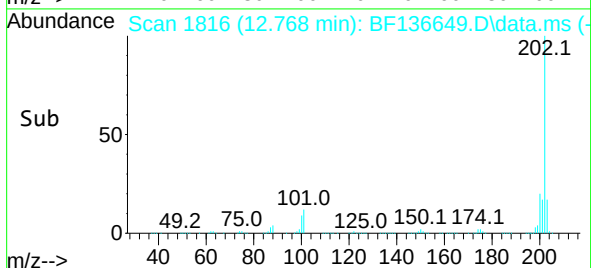
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

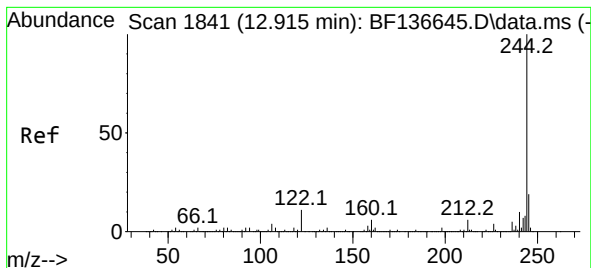


#78
Pyrene
Concen: 41.682 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:202 Resp: 645985
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 82.494 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136649.D

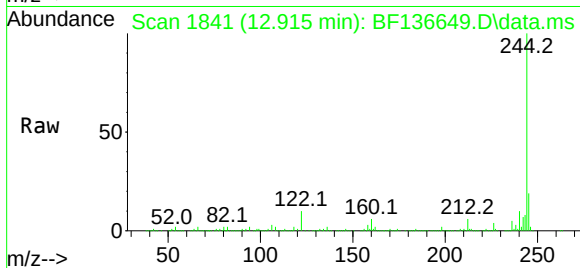
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023



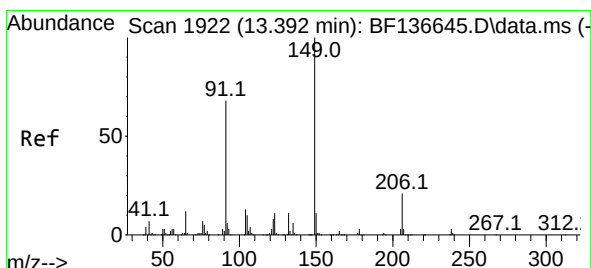
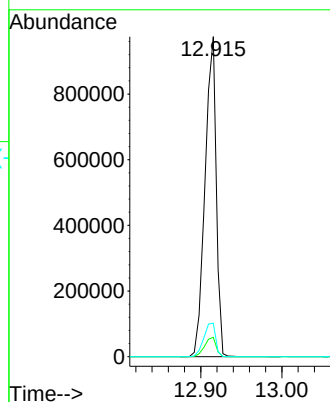
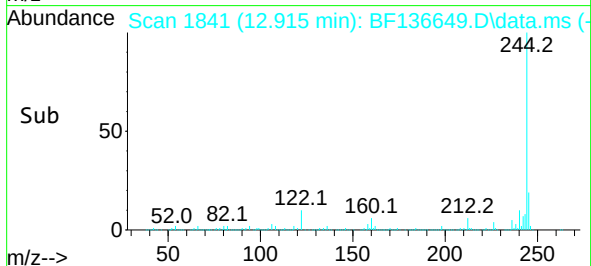
Tgt Ion:	244	Resp:	93193
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.0	7.4
122	10.4	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#80

Butylbenzylphthalate

Concen: 43.557 ng

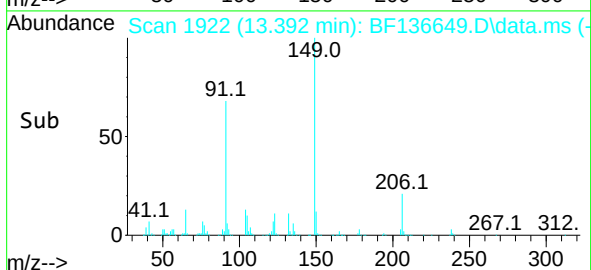
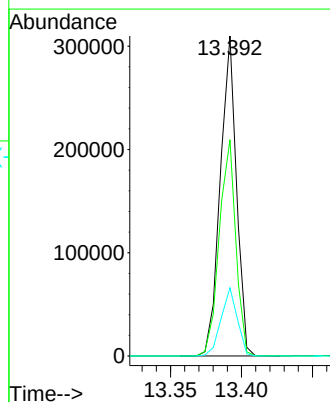
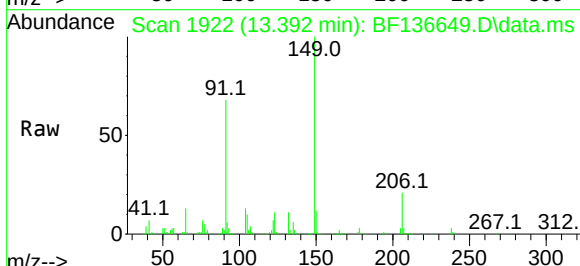
RT: 13.392 min Scan# 1922

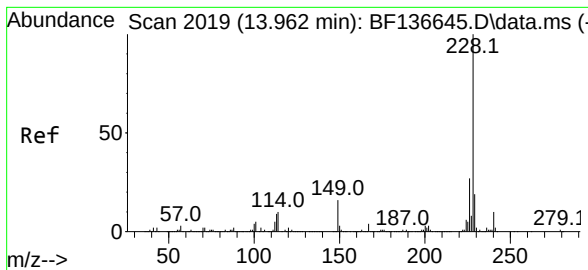
Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Tgt Ion:	149	Resp:	245625
Ion Ratio	Lower	Upper	
149	100		
91	67.6	54.1	81.1
206	21.3	17.1	25.7





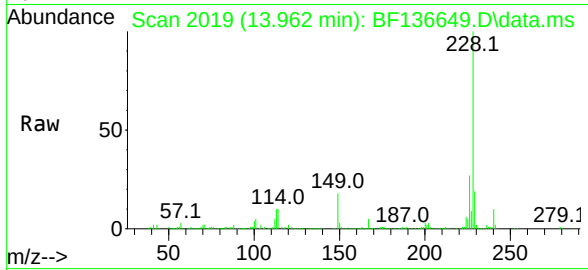
#81
Benzo(a)anthracene
Concen: 41.384 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

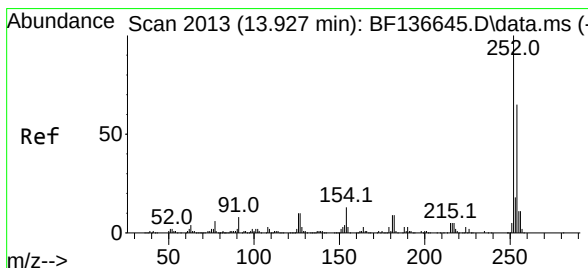
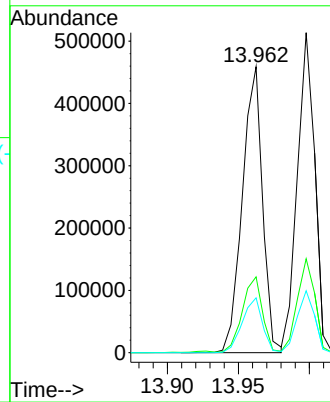
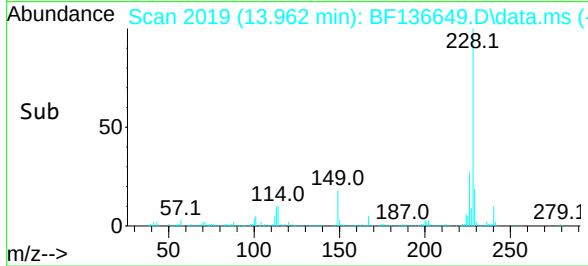


Tgt Ion:228 Resp: 453679
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.2 14.9 22.3

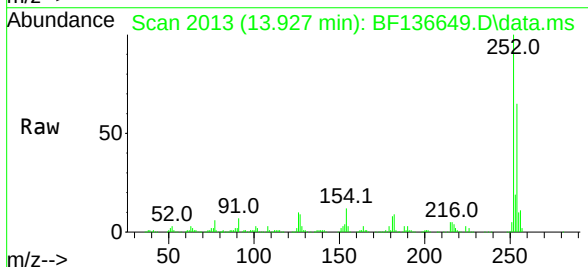
Manual Integrations

APPROVED

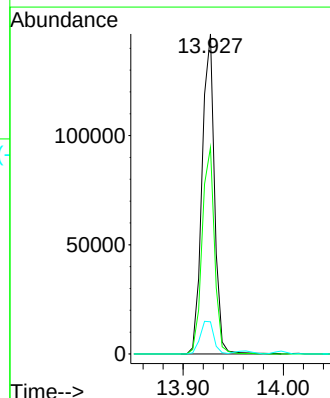
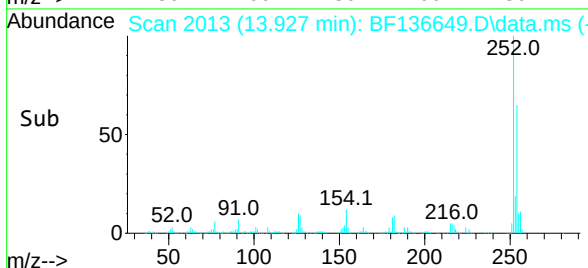
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

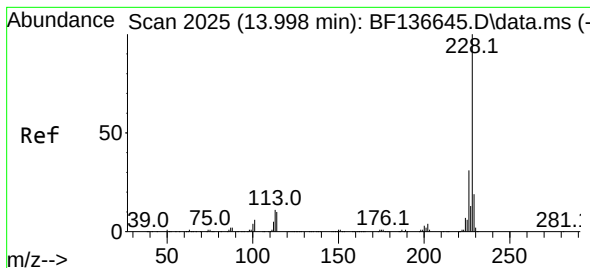


#82
3,3'-Dichlorobenzidine
Concen: 40.705 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:252 Resp: 126724
Ion Ratio Lower Upper
252 100
254 64.5 52.2 78.4
126 10.0 8.0 12.0





#83

Chrysene

Concen: 41.042 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136649.D

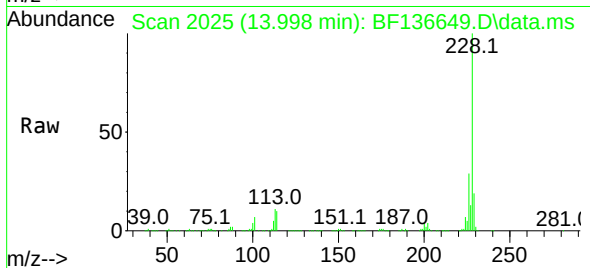
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023



Tgt Ion:228 Resp: 439979

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

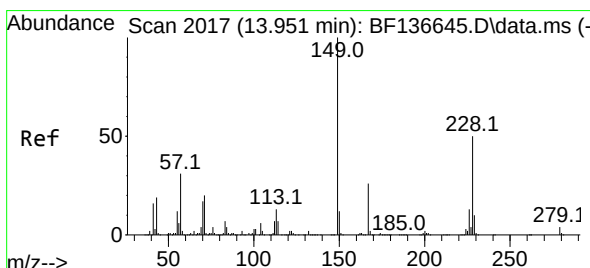
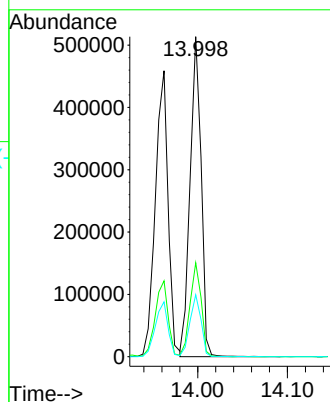
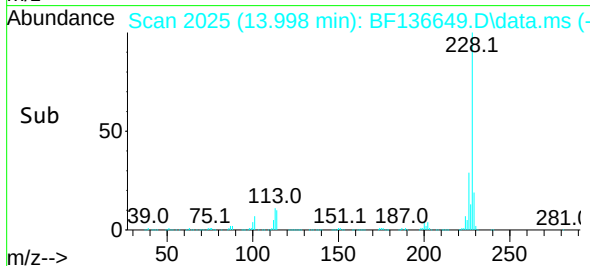
229 19.4 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.771 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

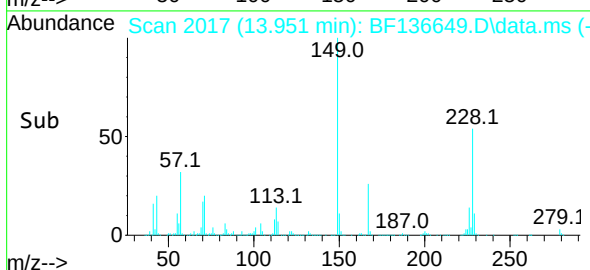
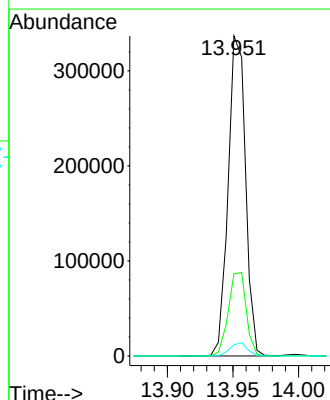
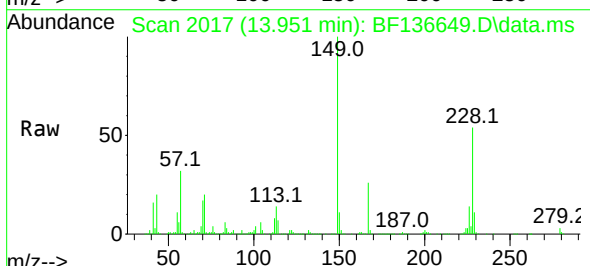
Tgt Ion:149 Resp: 310560

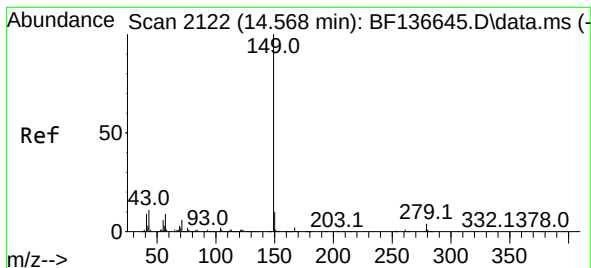
Ion Ratio Lower Upper

149 100

167 25.7 20.9 31.3

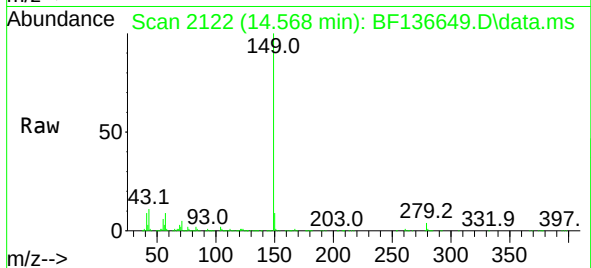
279 3.5 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.652 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

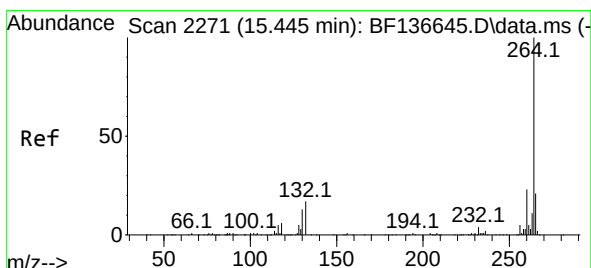
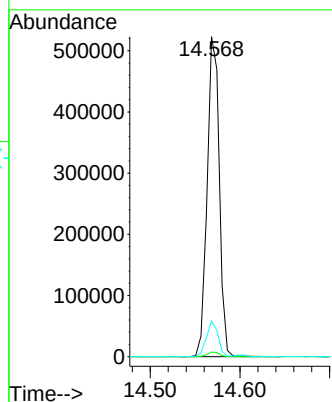
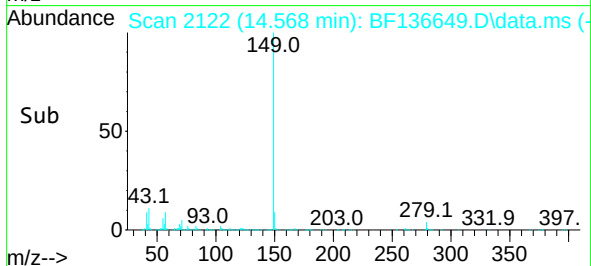
Instrument :
BNA_F
ClientSampleId :
ICVBF122023



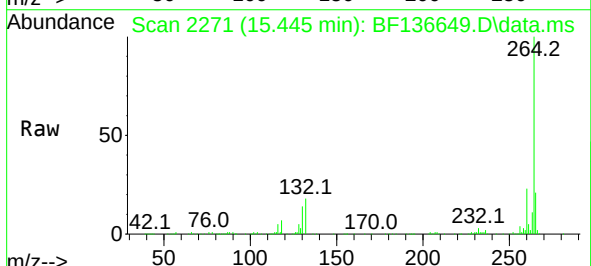
Tgt Ion:149 Resp: 490058
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 8.9 13.3

Manual Integrations
APPROVED

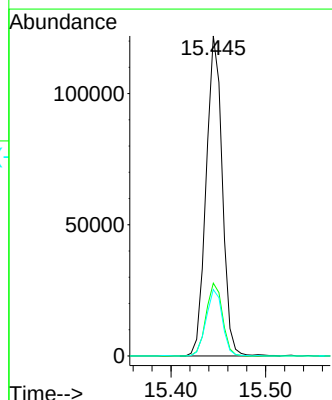
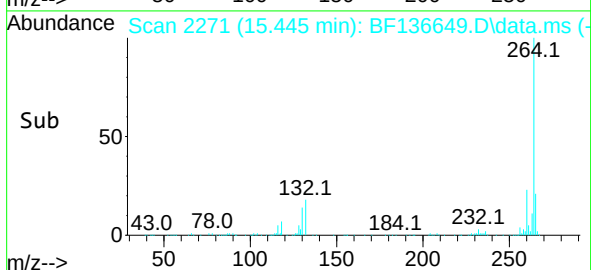
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

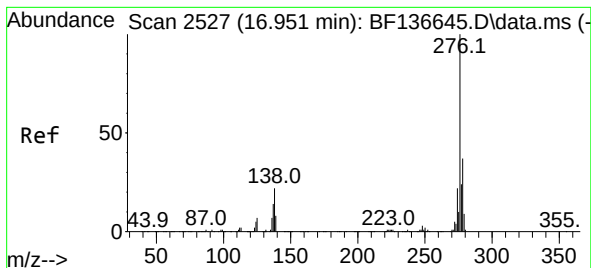


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50



Tgt Ion:264 Resp: 144344
Ion Ratio Lower Upper
264 100
260 22.8 18.3 27.5
265 20.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.465 ng

RT: 16.951 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

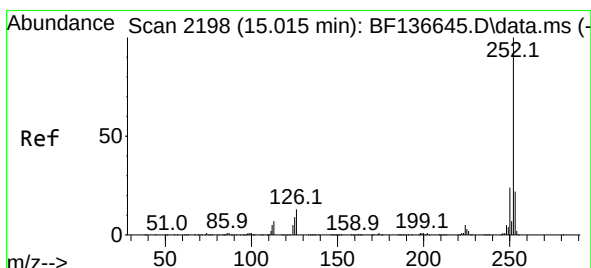
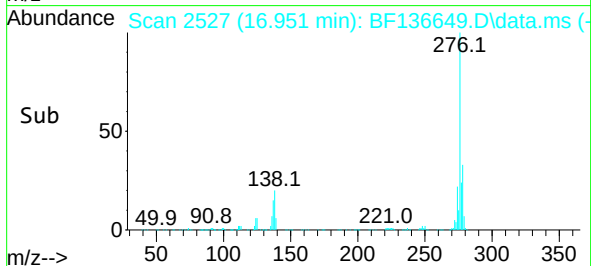
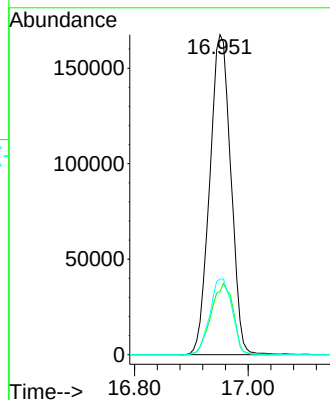
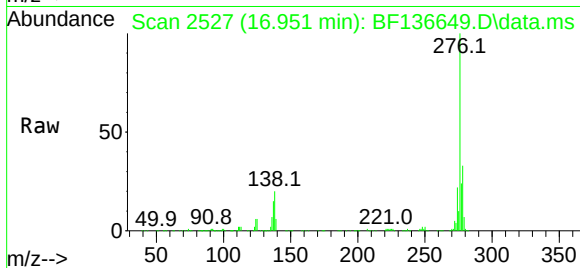
Tgt Ion:276 Resp: 43214
 Ion Ratio Lower Upper
 276 100
 138 23.4 18.7 28.1
 277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#88

Benzo(b)fluoranthene

Concen: 38.697 ng

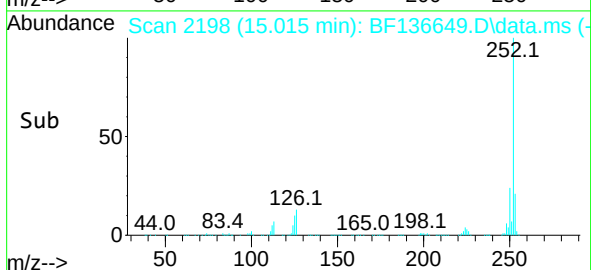
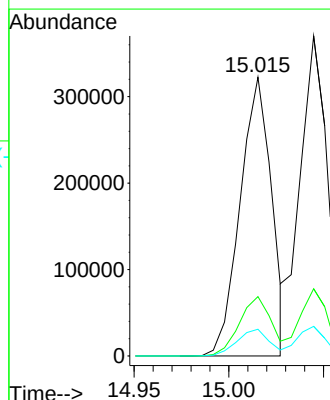
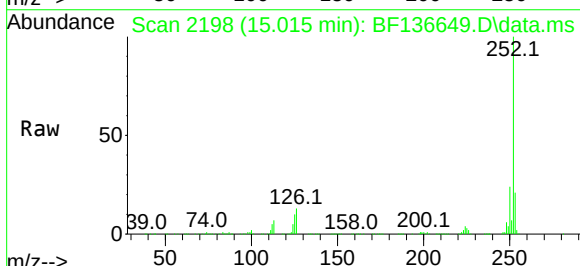
RT: 15.015 min Scan# 2198

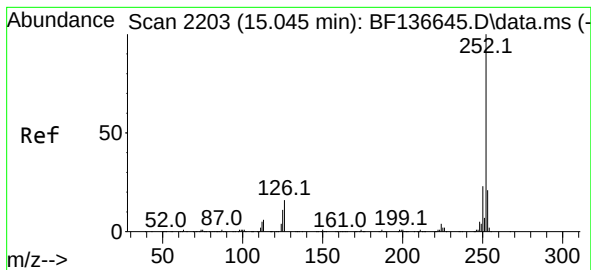
Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Tgt Ion:252 Resp: 373076
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.0
 125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.435 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

ClientSampleId :

ICVBF122023

Tgt Ion:252 Resp: 368352

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

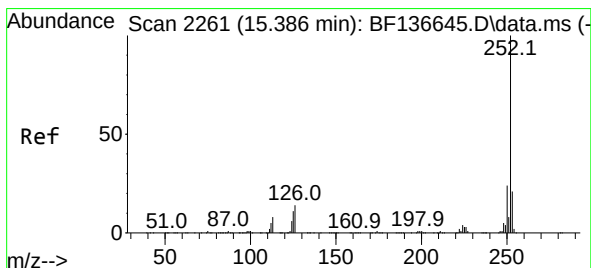
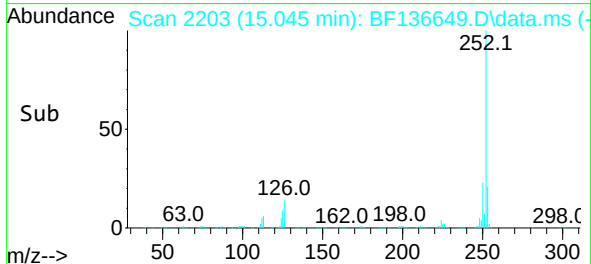
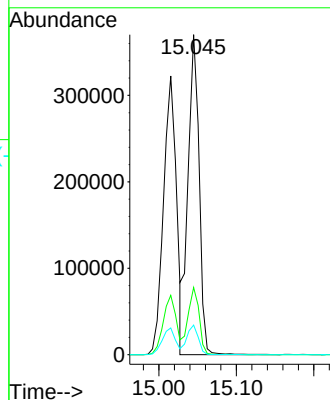
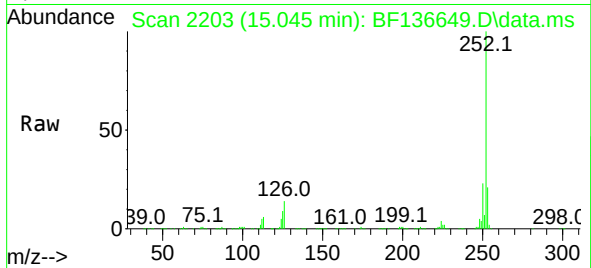
125 9.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#90

Benzo(a)pyrene

Concen: 39.931 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136649.D

Acq: 20 Dec 2023 15:50

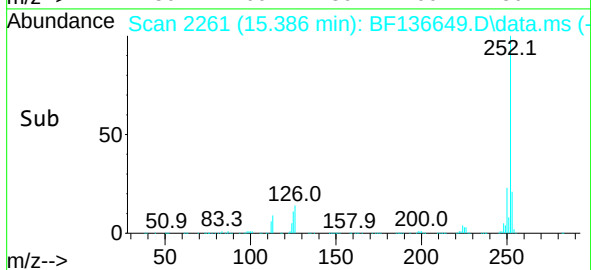
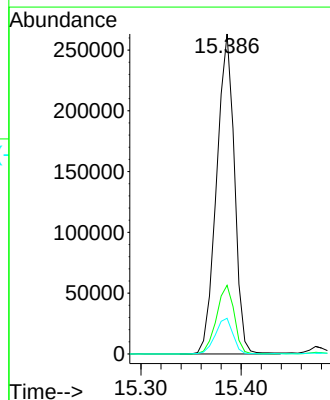
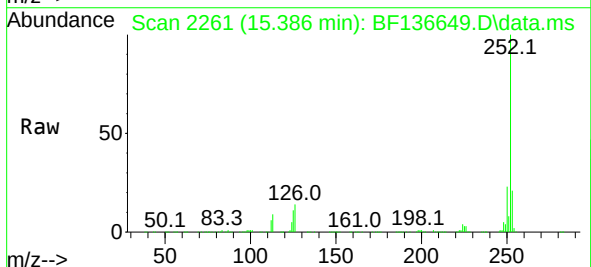
Tgt Ion:252 Resp: 324956

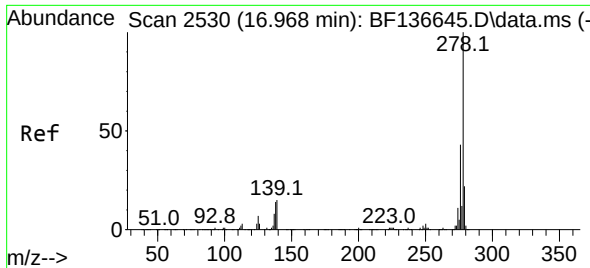
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 11.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 41.480 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Instrument :

BNA_F

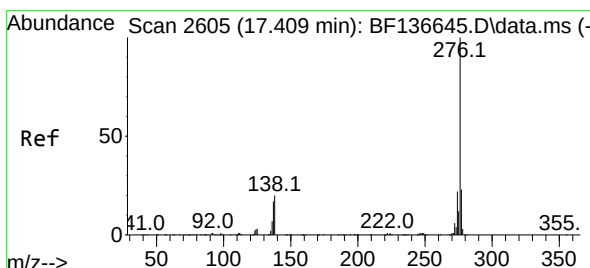
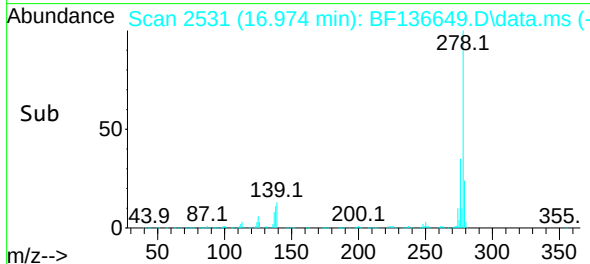
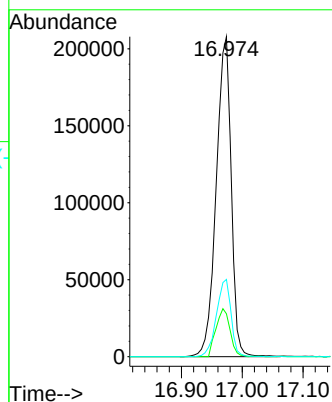
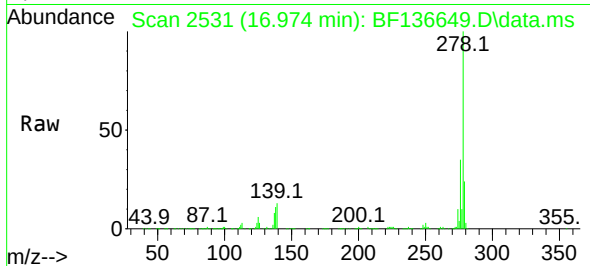
ClientSampleId :

ICVBF122023

Tgt Ion:278 Resp: 354650
Ion Ratio Lower Upper
278 100
139 13.4 12.2 18.4
279 24.1 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#92
Benzo(g,h,i)perylene
Concen: 41.411 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136649.D
Acq: 20 Dec 2023 15:50

Tgt Ion:276 Resp: 362644
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 19.8 15.6 23.4

