

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136664.D
 Acq On : 21 Dec 2023 11:34
 Operator : CG\JU
 Sample : PB157746BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157746BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 21 12:13:22 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	6.793	152	92602	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	366215	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	190719	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	374150	20.000	ng	0.00
76) Chrysene-d12	13.969	240	201411	20.000	ng	0.00
86) Perylene-d12	15.445	264	165069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	678790	114.372	ng	0.02
7) Phenol-d6	6.446	99	869942	113.123	ng	0.00
23) Nitrobenzene-d5	7.357	82	549149	76.732	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	265052	118.003	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1043690	73.603	ng	0.00
79) Terphenyl-d14	12.916	244	1143438	79.336	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	79194	32.025	ng	98
3) Pyridine	3.405	79	186094	30.844	ng	96
4) n-Nitrosodimethylamine	3.369	42	127573	39.594	ng	97
6) Aniline	6.457	93	263990	34.335	ng	# 1
8) 2-Chlorophenol	6.581	128	268397	41.325	ng	98
9) Benzaldehyde	6.346	77	92850	21.227	ng	97
10) Phenol	6.457	94	317630	38.691	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	247480	39.640	ng	98
12) 1,3-Dichlorobenzene	6.734	146	262235	37.012	ng	96
13) 1,4-Dichlorobenzene	6.810	146	267189	36.908	ng	99
14) 1,2-Dichlorobenzene	6.957	146	255503	37.929	ng	98
15) Benzyl Alcohol	6.940	79	207665	40.027	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	407375	39.911	ng	100
17) 2-Methylphenol	7.057	107	223153	41.474	ng	96
18) Hexachloroethane	7.298	117	97690	37.157	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	183759	39.418	ng	99
20) 3+4-Methylphenols	7.210	107	265812	39.544	ng	# 75
22) Acetophenone	7.204	105	368990	40.199	ng	100
24) Nitrobenzene	7.375	77	275009	38.360	ng	99
25) Isophorone	7.616	82	511627	39.288	ng	99
26) 2-Nitrophenol	7.687	139	142324	41.494	ng	94
27) 2,4-Dimethylphenol	7.734	122	237251	56.815	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	316670	40.006	ng	99
29) 2,4-Dichlorophenol	7.934	162	218392	40.623	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	229529	38.319	ng	99
31) Naphthalene	8.092	128	764700	38.009	ng	100
32) Benzoic acid	7.881	122	172265	42.635	ng	94
33) 4-Chloroaniline	8.140	127	201189	27.084	ng	99
34) Hexachlorobutadiene	8.204	225	135276	37.171	ng	98
35) Caprolactam	8.528	113	77791m	43.862	ng	
36) 4-Chloro-3-methylphenol	8.634	107	247129	40.833	ng	95
37) 2-Methylnaphthalene	8.781	142	498823	38.525	ng	98
38) 1-Methylnaphthalene	8.881	142	463528	36.490	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	235744	39.913	ng	99
41) Hexachlorocyclopentadiene	8.934	237	202474	105.829	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	154109	40.684	ng	99

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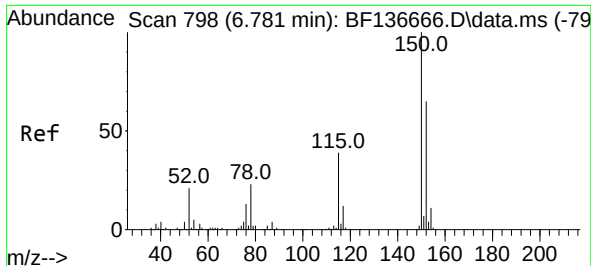
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	174529	41.347	ng	96
46) 1,1'-Biphenyl	9.251	154	634839	39.667	ng	99
47) 2-Chloronaphthalene	9.275	162	464514	38.179	ng	99
48) 2-Nitroaniline	9.375	65	159986	41.991	ng	99
49) Acenaphthylene	9.692	152	755506	40.626	ng	100
50) Dimethylphthalate	9.557	163	568143	40.784	ng	99
51) 2,6-Dinitrotoluene	9.622	165	124973	39.529	ng	98
52) Acenaphthene	9.863	154	450226	39.056	ng	99
53) 3-Nitroaniline	9.792	138	114886	34.304	ng	87
54) 2,4-Dinitrophenol	9.904	184	139246	79.494	ng	98
55) Dibenzofuran	10.034	168	684546	39.174	ng	99
56) 4-Nitrophenol	9.969	139	187077	82.747	ng	99
57) 2,4-Dinitrotoluene	10.028	165	160970	39.220	ng	95
58) Fluorene	10.381	166	538789	38.859	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	146107	44.965	ng	99
60) Diethylphthalate	10.257	149	579496	40.093	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	256412	38.046	ng	95
62) 4-Nitroaniline	10.410	138	126815m	39.279	ng	
63) Azobenzene	10.533	77	547266	40.538	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	94690	44.160	ng	87
66) n-Nitrosodiphenylamine	10.492	169	492919	40.556	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	163667	39.388	ng	97
68) Hexachlorobenzene	10.928	284	180220	38.919	ng	98
69) Atrazine	11.028	200	199879	64.298	ng	99
70) Pentachlorophenol	11.128	266	168942	78.272	ng	99
71) Phenanthrene	11.345	178	778377	40.545	ng	99
72) Anthracene	11.398	178	786844	40.471	ng	99
73) Carbazole	11.551	167	738982	40.314	ng	99
74) Di-n-butylphthalate	11.886	149	921764	41.210	ng	99
75) Fluoranthene	12.533	202	812502	39.566	ng	98
77) Benzidine	12.657	184	162318	27.332	ng	98
78) Pyrene	12.763	202	810900	41.013	ng	98
80) Butylbenzylphthalate	13.392	149	326213	45.343	ng	98
81) Benzo(a)anthracene	13.957	228	572949	40.967	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	168171	42.341	ng	# 99
83) Chrysene	13.998	228	555115	40.589	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	403007	44.522	ng	98
85) Di-n-octyl phthalate	14.569	149	617086	44.071	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	534438	44.842	ng	100
88) Benzo(b)fluoranthene	15.016	252	489140	44.366	ng	99
89) Benzo(k)fluoranthene	15.045	252	451962	43.384	ng	98
90) Benzo(a)pyrene	15.380	252	404753	43.492	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	445896	45.603	ng	98
92) Benzo(g,h,i)perylene	17.404	276	443905	44.326	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF136664.D
 Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

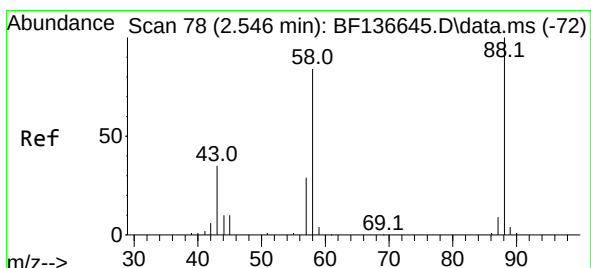
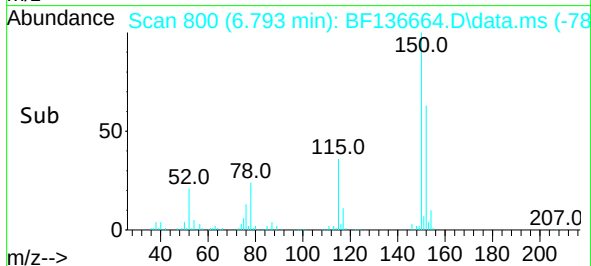
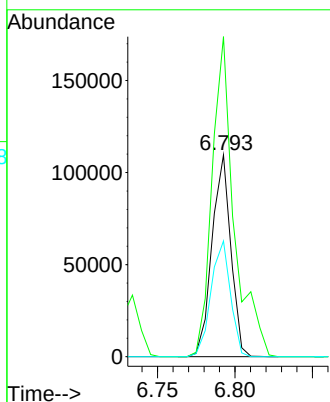
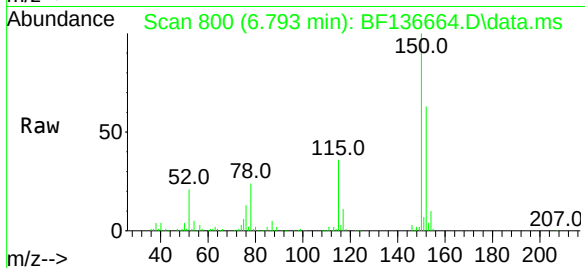
PB157746BS

Tgt Ion:152 Resp: 9260
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.6
 115 57.3 49.0 73.4

Manual Integrations

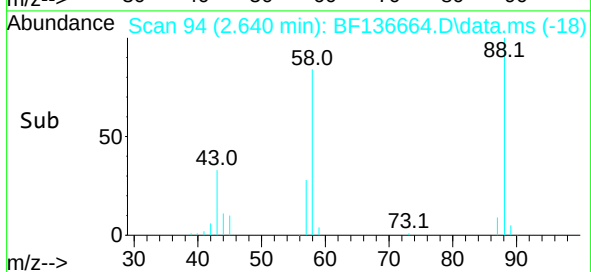
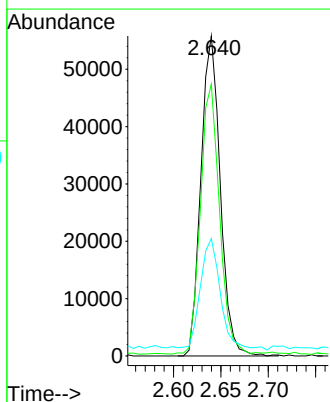
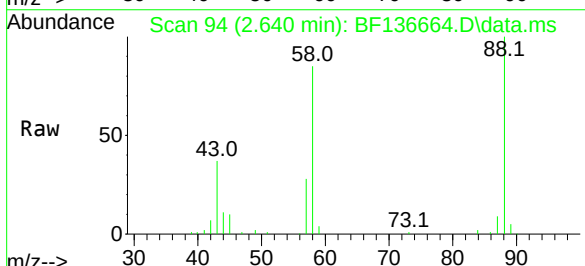
APPROVED

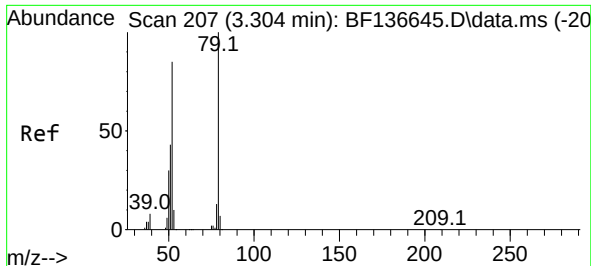
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023



#2
 1,4-Dioxane
 Concen: 32.025 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.094 min
 Lab File: BF136664.D
 Acq: 21 Dec 2023 11:34

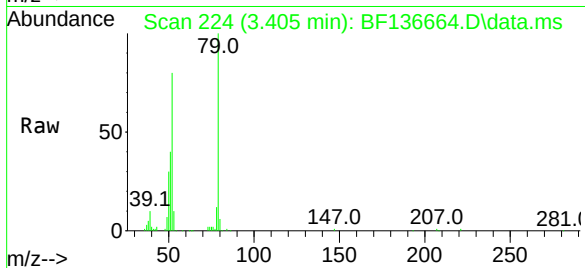
Tgt Ion: 88 Resp: 79194
 Ion Ratio Lower Upper
 88 100
 58 83.0 67.4 101.0
 43 36.6 27.7 41.5





#3
Pyridine
Concen: 30.844 ng
RT: 3.405 min Scan# 218
Delta R.T. 0.100 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

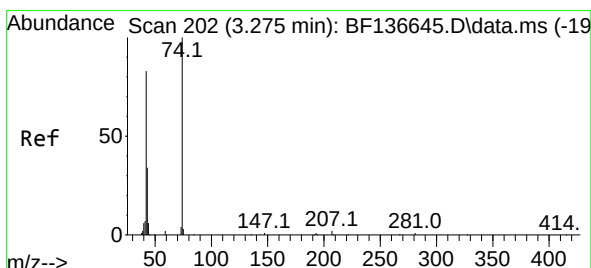
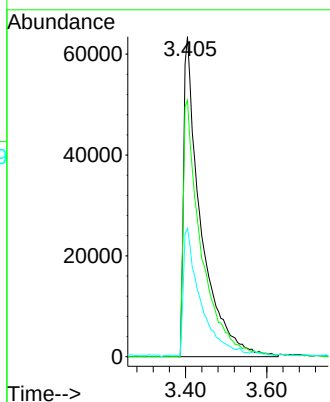
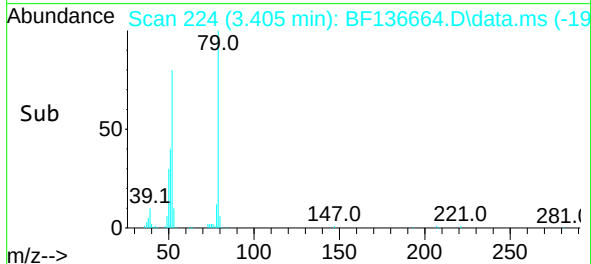
Instrument :
BNA_F
ClientSampleId :
PB157746BS



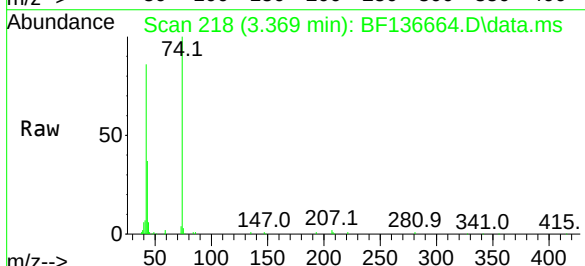
Tgt Ion: 79 Resp: 186094
Ion Ratio Lower Upper
79 100
52 80.2 67.7 101.5
51 40.1 34.0 51.0

Manual Integrations
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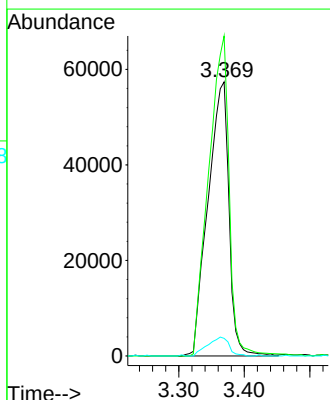
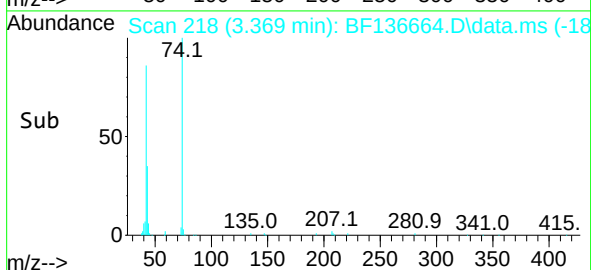
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

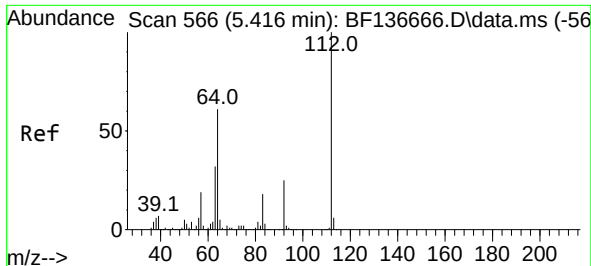


#4
n-Nitrosodimethylamine
Concen: 39.594 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



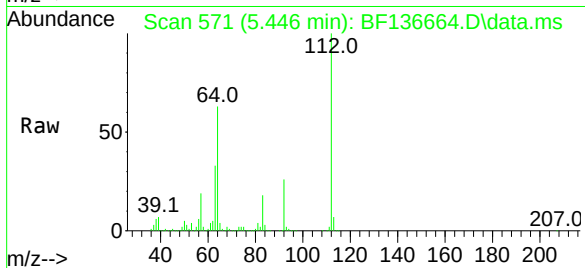
Tgt Ion: 42 Resp: 127573
Ion Ratio Lower Upper
42 100
74 116.7 96.0 144.0
44 6.4 5.4 8.2





#5
2-Fluorophenol
Concen: 114.372 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

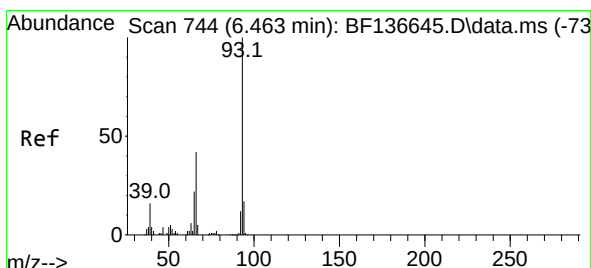
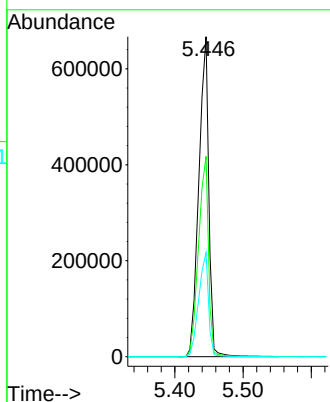
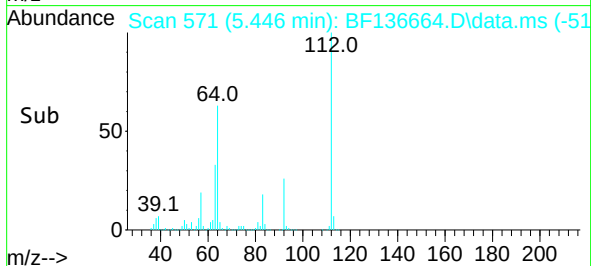
Instrument :
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Tgt Ion: 112 Resp: 678790
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 32.6 26.1 39.1

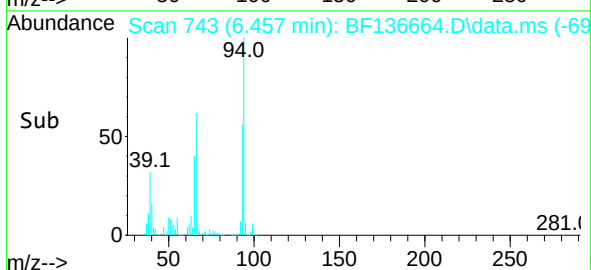
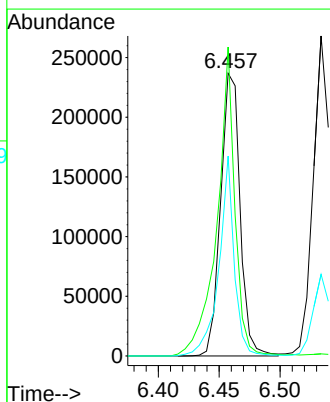
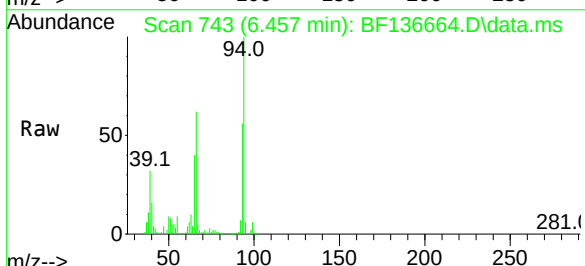
Manual Integrations
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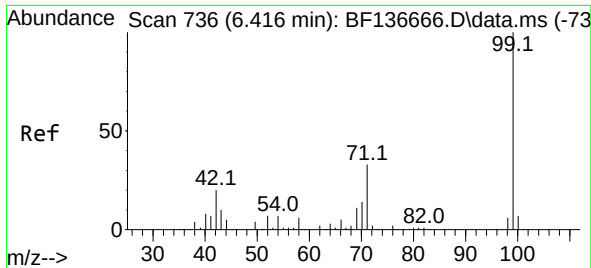
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#6
Aniline
Concen: 34.335 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion: 93 Resp: 263990
Ion Ratio Lower Upper
93 100
66 109.2 34.6 51.8#
65 70.6 17.8 26.8#





#7

Phenol-d6

Concen: 113.123 ng

RT: 6.446 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

Tgt Ion: 99 Resp: 86994

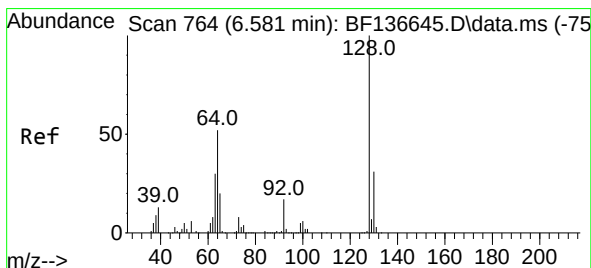
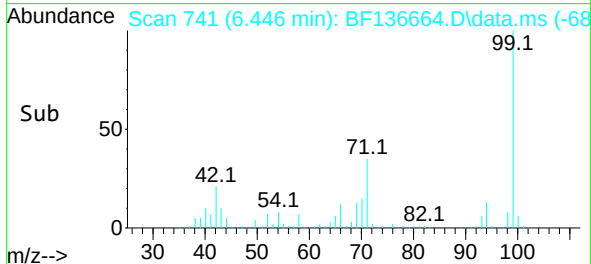
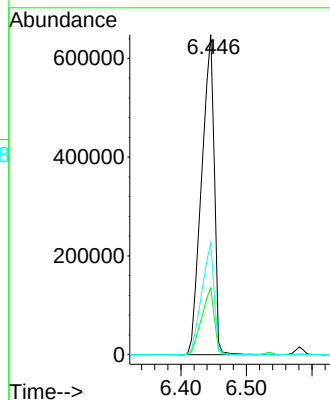
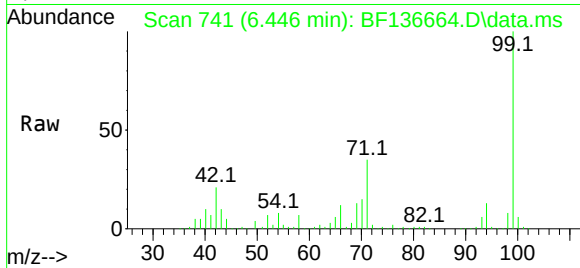
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.1	24.1
71	35.0	27.4	41.2

Manual Integrations

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Supervised By :mohammad ahmed 12/22/2023



#8

2-Chlorophenol

Concen: 41.325 ng

RT: 6.581 min Scan# 764

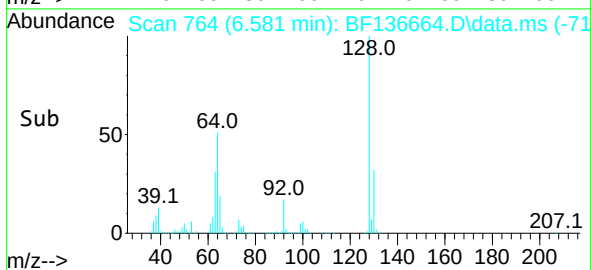
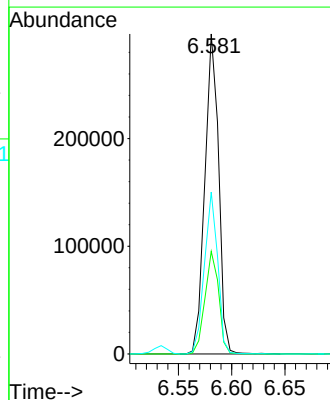
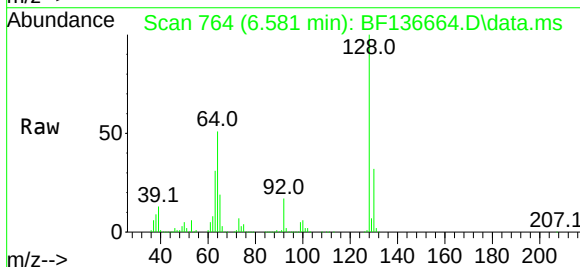
Delta R.T. 0.000 min

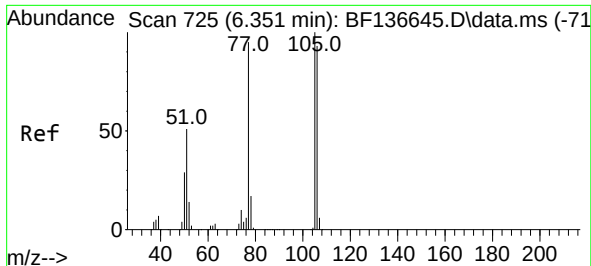
Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Tgt Ion:128 Resp: 268397

Ion	Ratio	Lower	Upper
128	100		
130	32.1	11.3	51.3
64	50.6	32.5	72.5





#9

Benzaldehyde

Concen: 21.227 ng

RT: 6.346 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136664.D

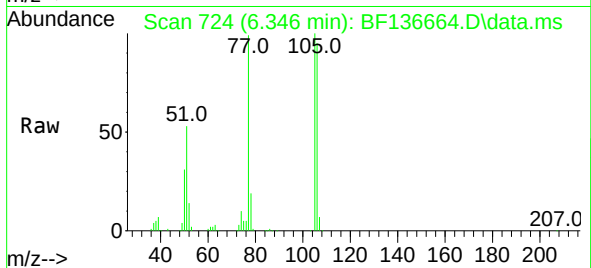
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS



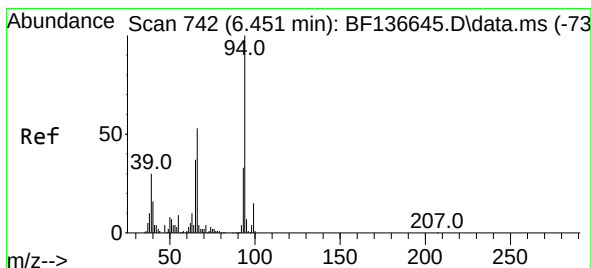
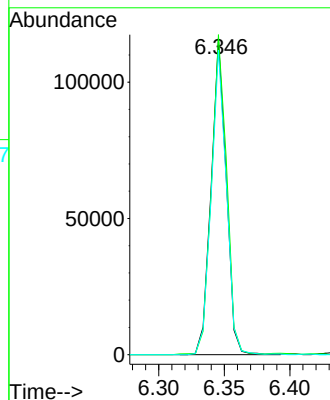
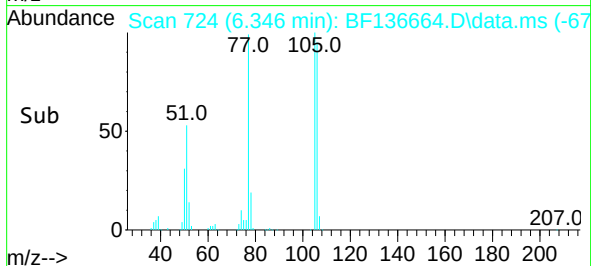
Tgt Ion: 77	Resp: 92850
Ion Ratio	Lower Upper
77	100
105	101.2 84.8 124.8
106	96.3 77.8 117.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#10

Phenol

Concen: 38.691 ng

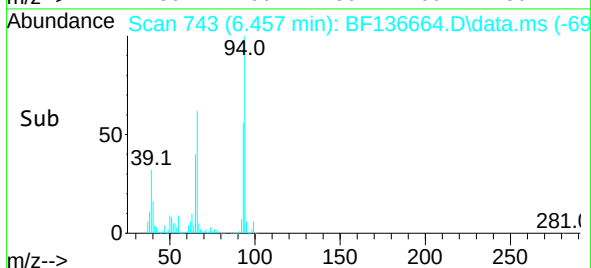
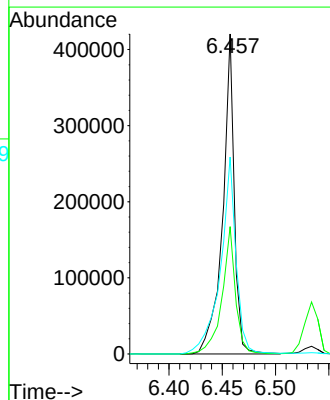
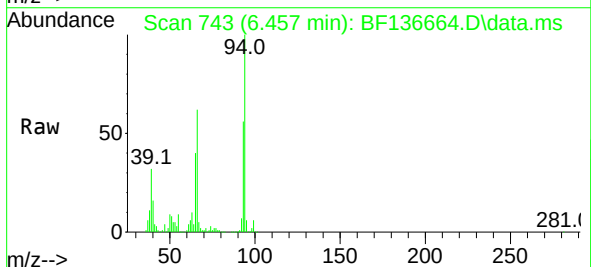
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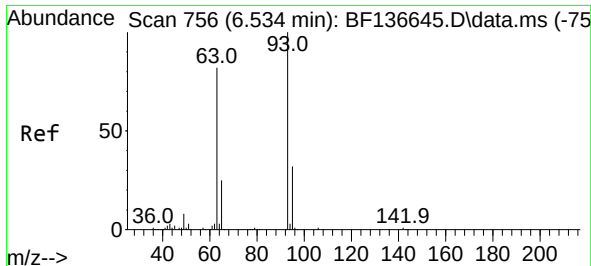
Delta R.T. 0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Tgt Ion: 94	Resp: 317630
Ion Ratio	Lower Upper
94	100
65	39.8 16.6 56.6
66	61.6 32.6 72.6





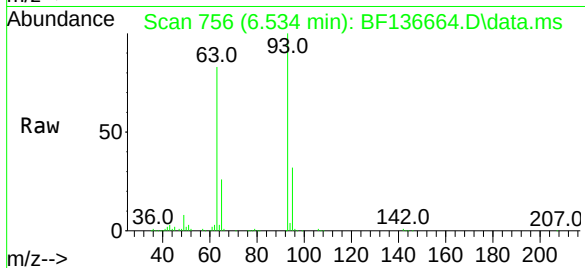
#11
bis(2-Chloroethyl)ether
Concen: 39.640 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

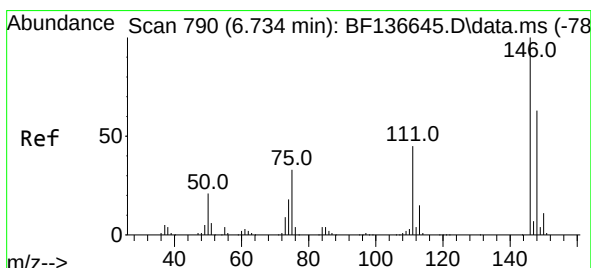
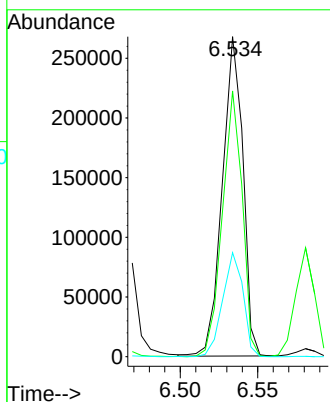
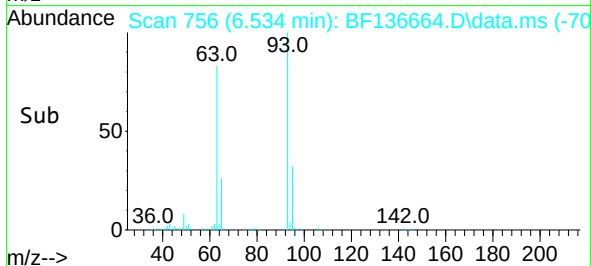
PB157746BS



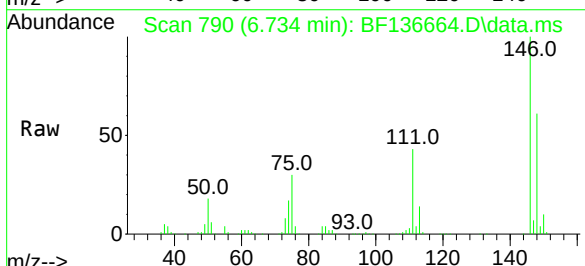
Tgt Ion: 93 Resp: 247480
Ion Ratio Lower Upper
93 100
63 83.0 61.2 101.2
95 32.5 11.6 51.6

Manual Integrations
APPROVED

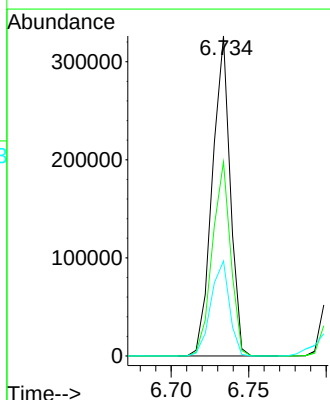
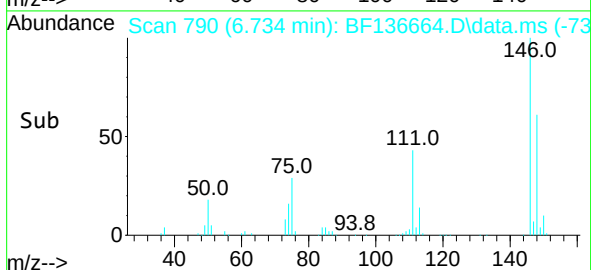
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

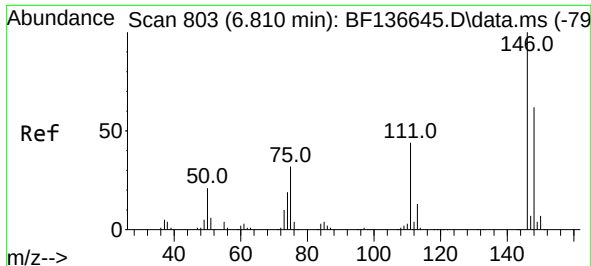


#12
1,3-Dichlorobenzene
Concen: 37.012 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:146 Resp: 262235
Ion Ratio Lower Upper
146 100
148 60.6 50.5 75.7
75 29.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.908 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF136664.D

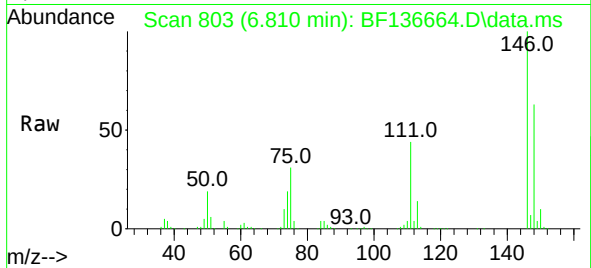
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS



Tgt Ion:146 Resp: 267189

Ion Ratio Lower Upper

146 100

148 63.1 49.2 73.8

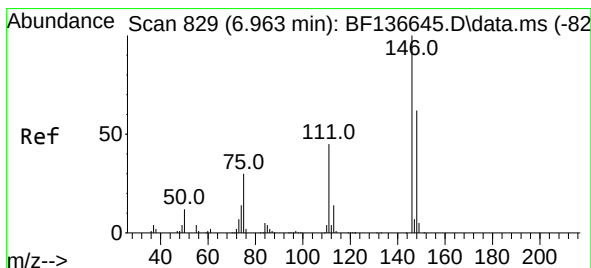
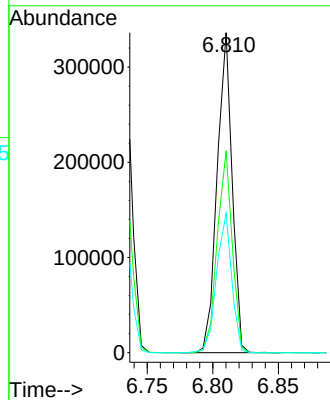
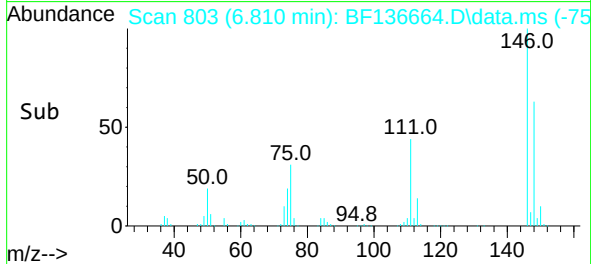
111 43.5 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#14

1,2-Dichlorobenzene

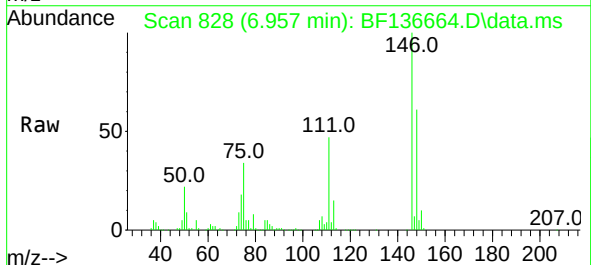
Concen: 37.929 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34



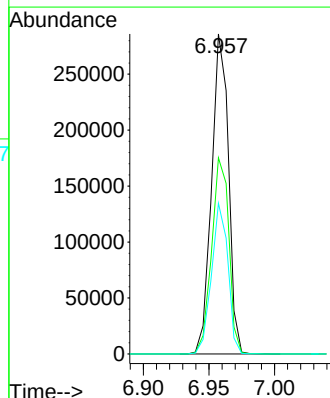
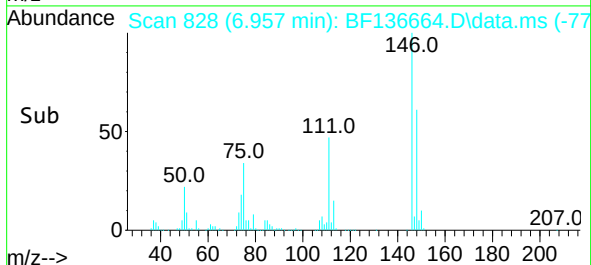
Tgt Ion:146 Resp: 255503

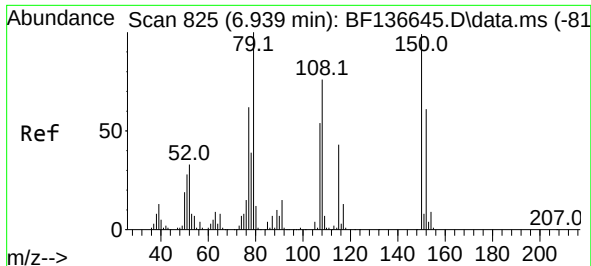
Ion Ratio Lower Upper

146 100

148 61.3 49.6 74.4

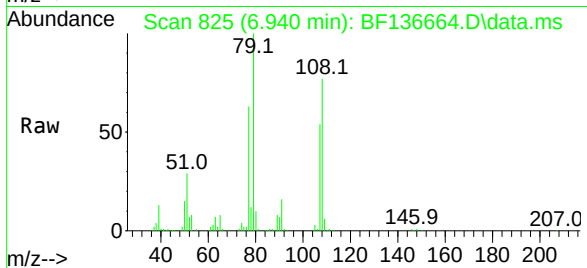
111 47.1 36.2 54.2





#15
Benzyl Alcohol
Concen: 40.027 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

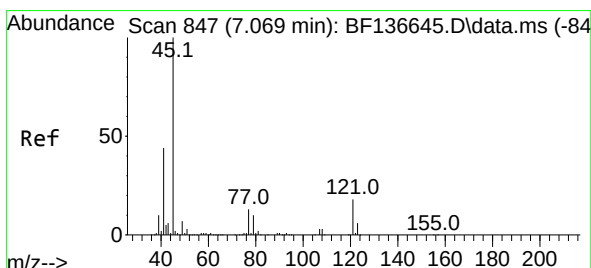
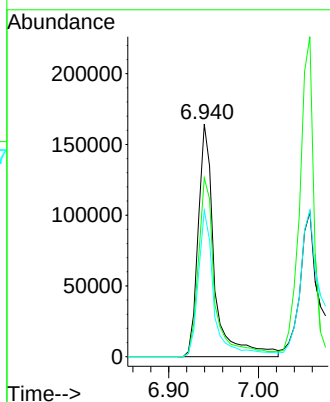
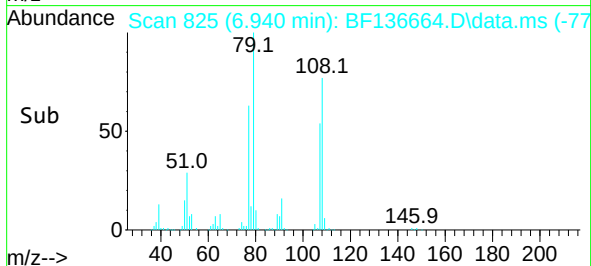
Instrument :
BNA_F
ClientSampleId :
PB157746BS



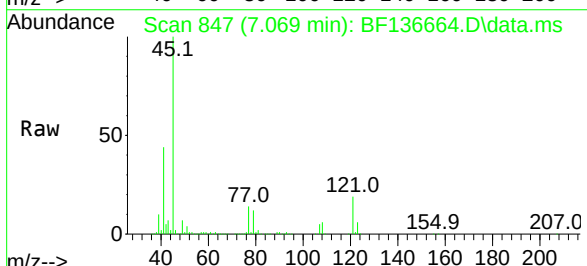
Tgt Ion: 79 Resp: 20766
Ion Ratio Lower Upper
79 100
108 76.9 61.0 91.6
77 62.9 49.8 74.8

Manual Integrations
APPROVED

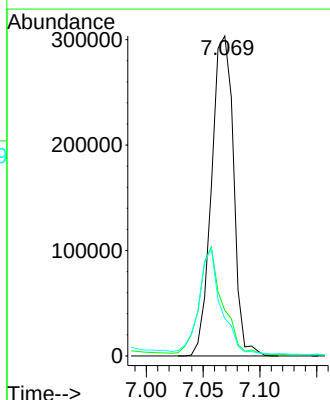
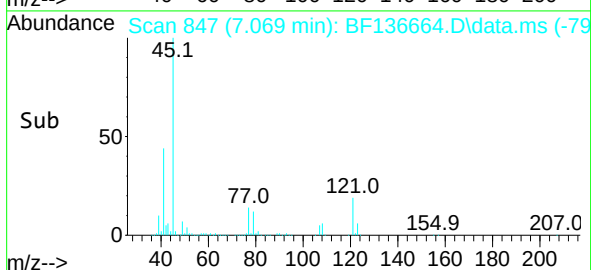
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

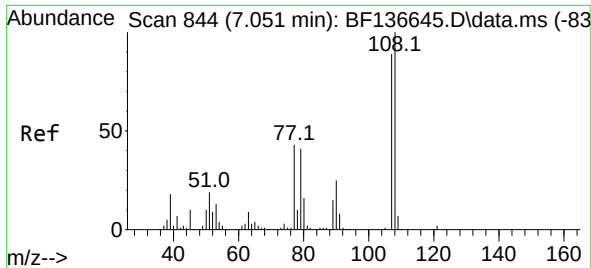


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.911 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



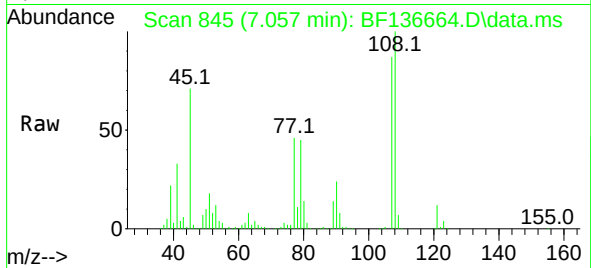
Tgt Ion: 45 Resp: 407375
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.3
79 11.7 0.0 31.4





#17
2-Methylphenol
Concen: 41.474 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

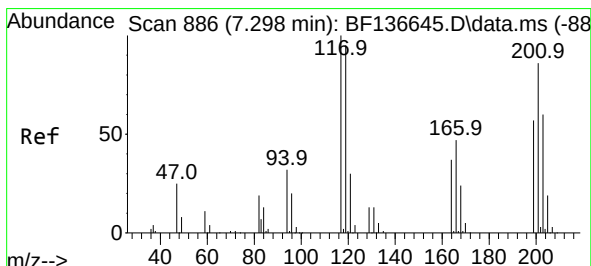
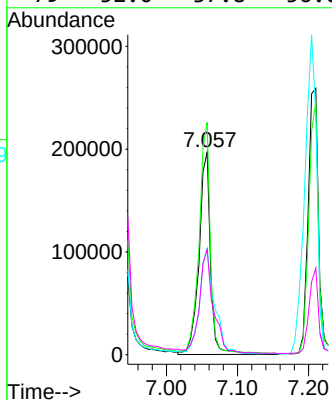
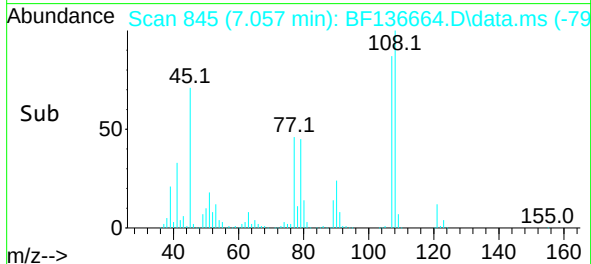
Instrument :
BNA_F
ClientSampleId :
PB157746BS



Tgt Ion:107 Resp: 22315
Ion Ratio Lower Upper
107 100
108 114.9 90.3 135.5
77 52.6 38.7 58.1
79 52.0 37.8 56.6

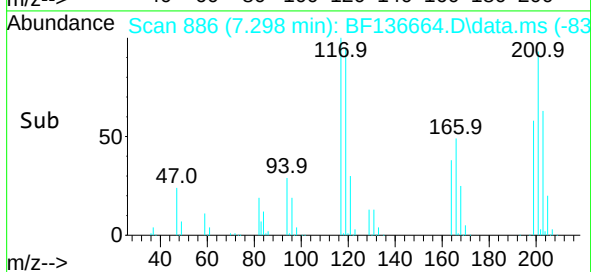
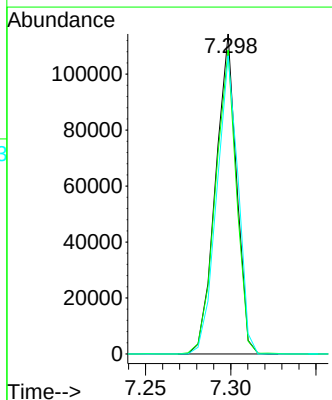
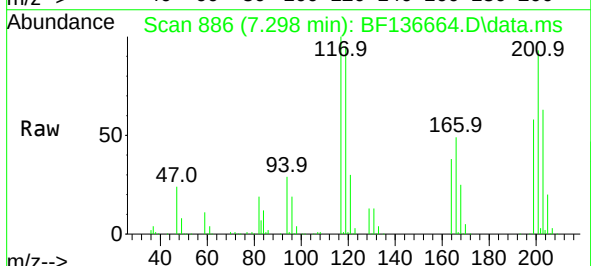
Manual Integrations
APPROVED

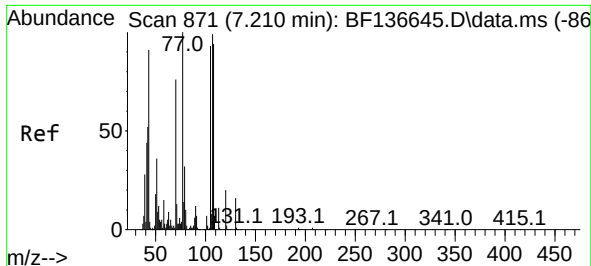
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#18
Hexachloroethane
Concen: 37.157 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion:117 Resp: 97690
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.6
201 93.2 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.418 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

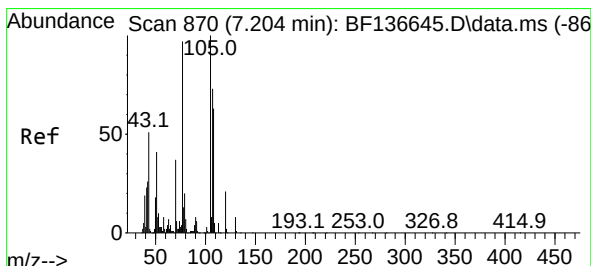
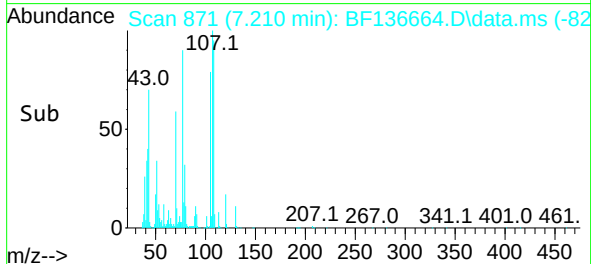
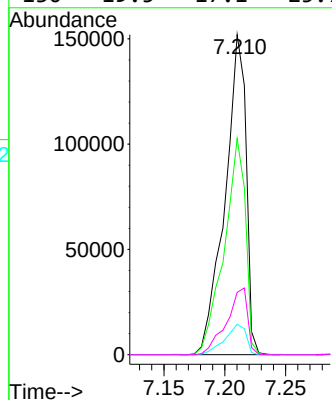
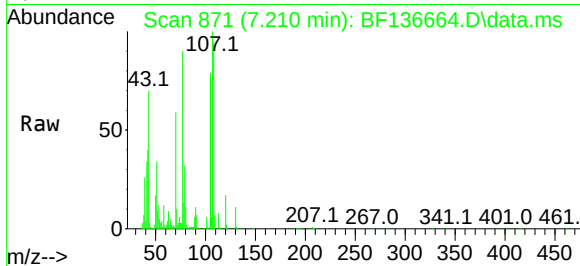
ClientSampleId :

PB157746BS

Tgt Ion: 70 Resp: 18375
Ion Ratio Lower Upper
70 100
42 67.6 54.2 81.4
101 9.5 7.6 11.4
130 19.5 17.1 25.7

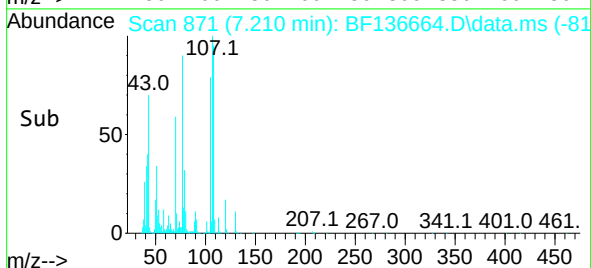
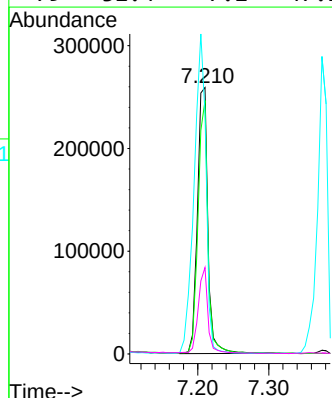
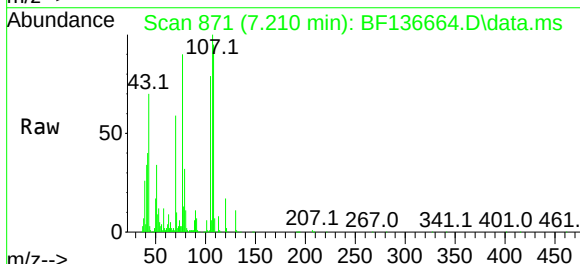
Manual Integrations
APPROVED

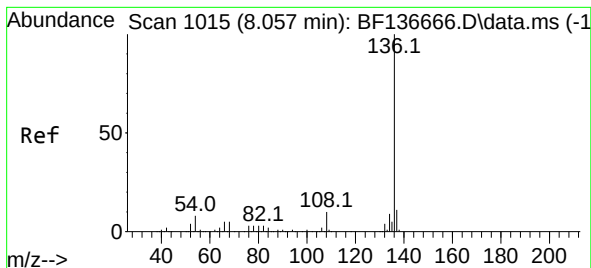
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#20
3+4-Methylphenols
Concen: 39.544 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion:107 Resp: 265812
Ion Ratio Lower Upper
107 100
108 95.1 66.0 106.0
77 90.0 114.2 154.2#
79 32.4 7.2 47.2





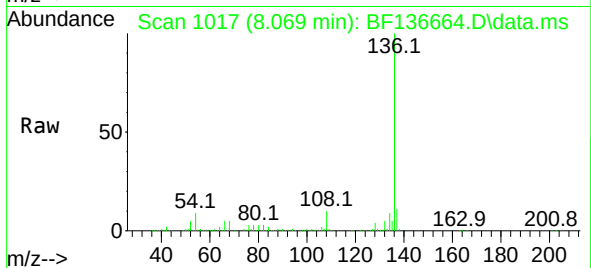
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

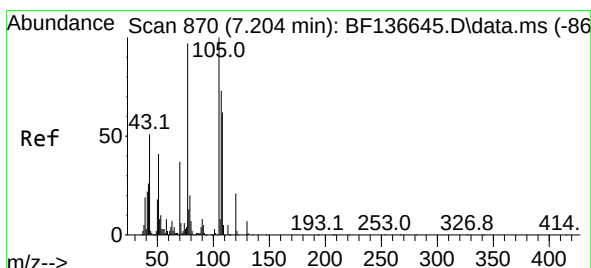
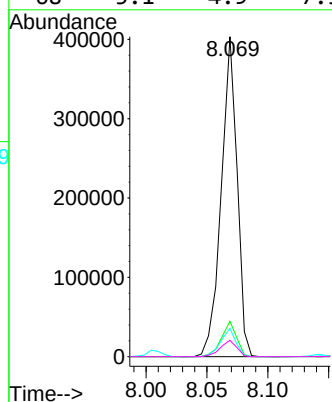
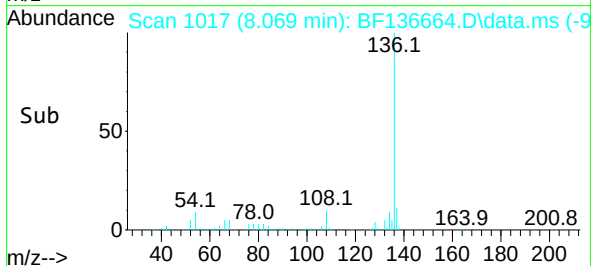


Tgt Ion:136 Resp: 366215
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.9 7.2 10.8
68 5.1 4.9 7.3

Manual Integrations

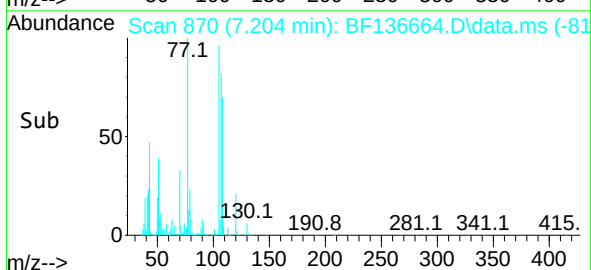
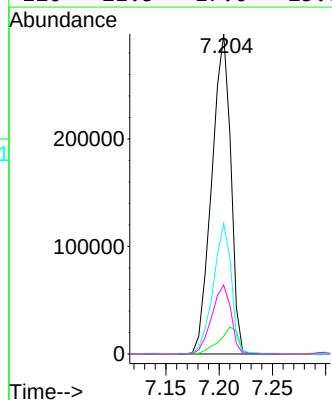
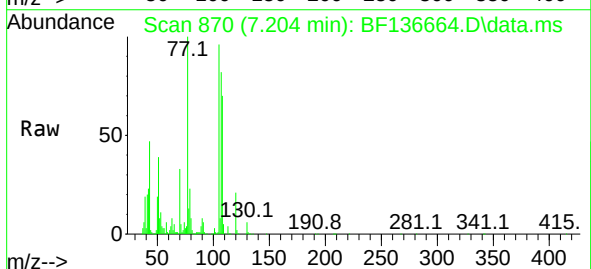
APPROVED

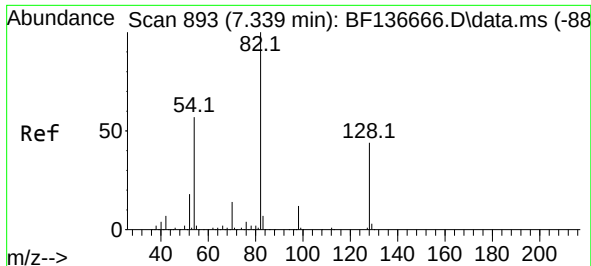
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#22
Acetophenone
Concen: 40.199 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion:105 Resp: 368990
Ion Ratio Lower Upper
105 100
71 5.6 4.8 7.2
51 40.8 32.8 49.2
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.732 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

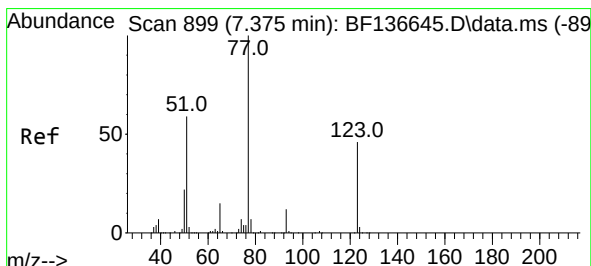
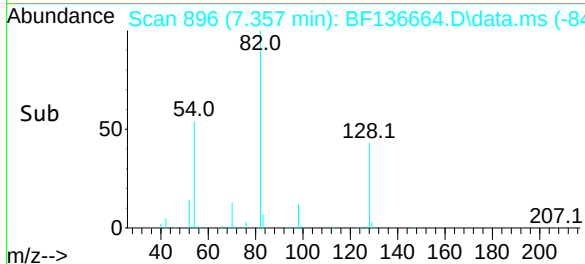
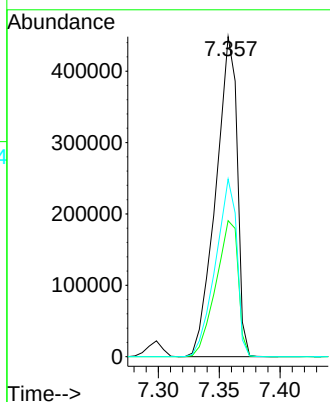
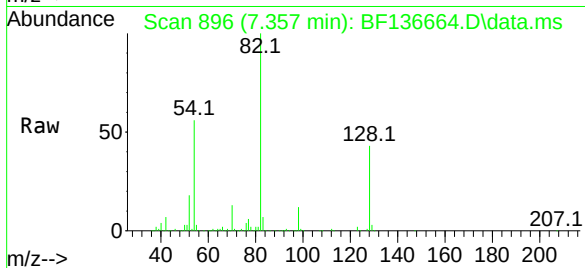
PB157746BS

Tgt Ion: 82 Resp: 549149
 Ion Ratio Lower Upper
 82 100
 128 42.5 35.3 52.9
 54 55.5 44.5 66.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023



#24

Nitrobenzene

Concen: 38.360 ng

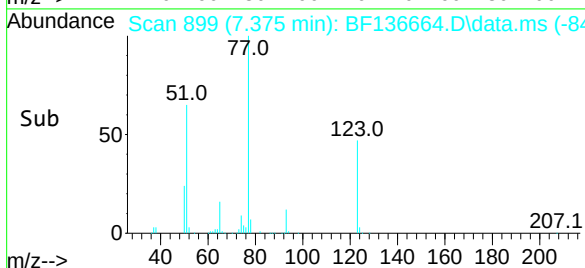
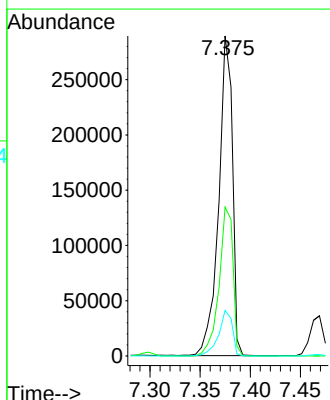
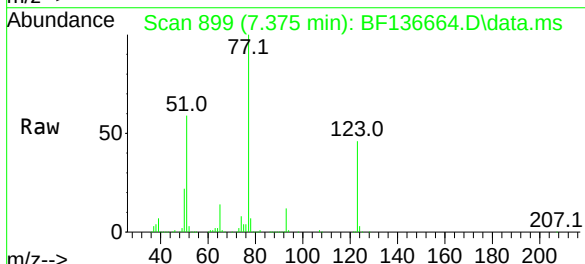
RT: 7.375 min Scan# 899

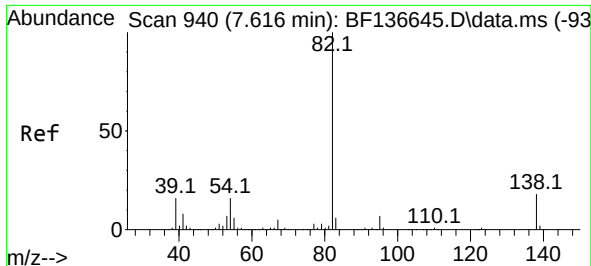
Delta R.T. 0.000 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

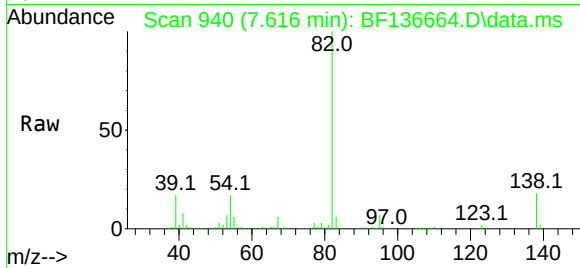
Tgt Ion: 77 Resp: 275009
 Ion Ratio Lower Upper
 77 100
 123 46.5 36.7 55.1
 65 14.2 11.8 17.6





#25
Isophorone
Concen: 39.288 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

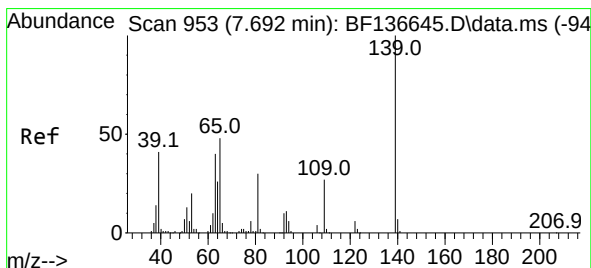
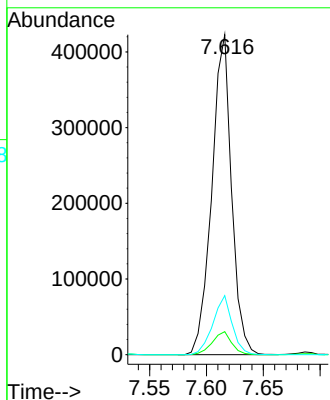
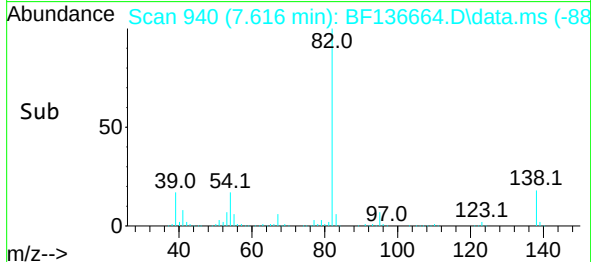
Instrument :
BNA_F
ClientSampleId :
PB157746BS



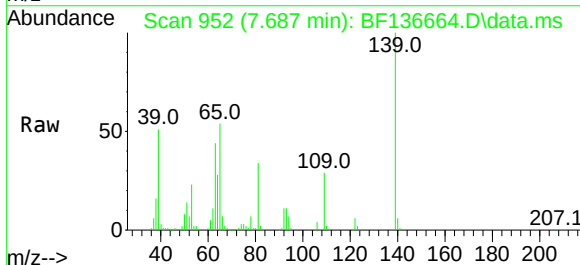
Tgt Ion: 82 Resp: 51162
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.4 14.5 21.7

Manual Integrations
APPROVED

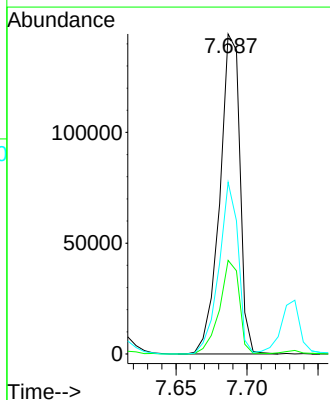
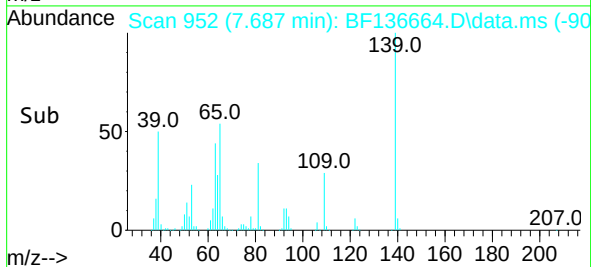
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

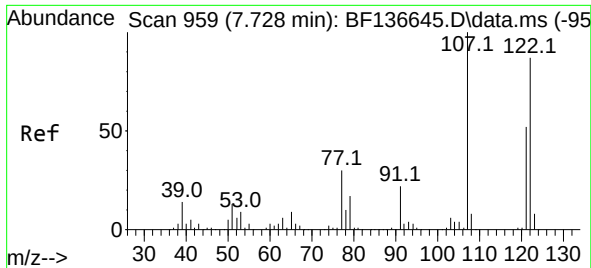


#26
2-Nitrophenol
Concen: 41.494 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:139 Resp: 142324
Ion Ratio Lower Upper
139 100
109 29.2 21.9 32.9
65 53.6 38.6 58.0





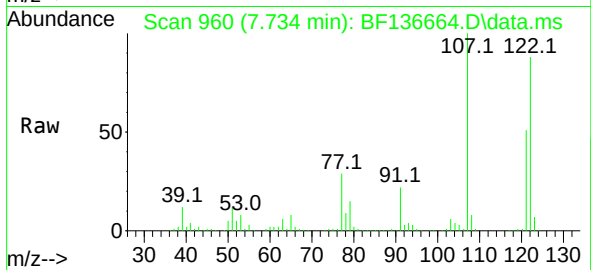
#27
2,4-Dimethylphenol
Concen: 56.815 ng
RT: 7.734 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

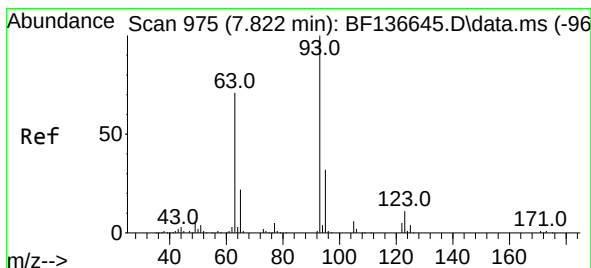
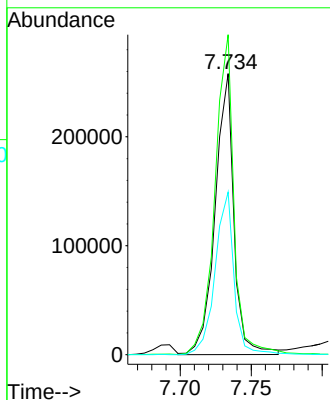
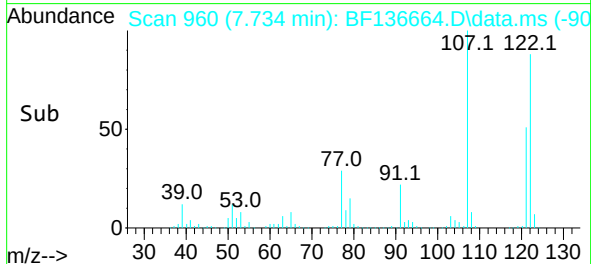


Tgt Ion:122 Resp: 23725
Ion Ratio Lower Upper
122 100
107 113.8 92.0 138.0
121 57.9 47.5 71.3

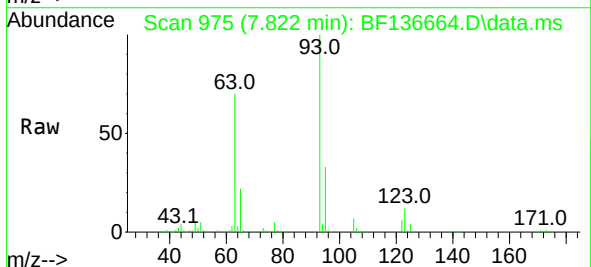
Manual Integrations

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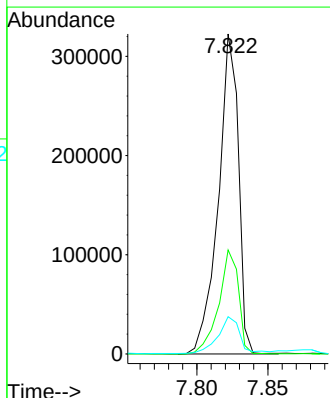
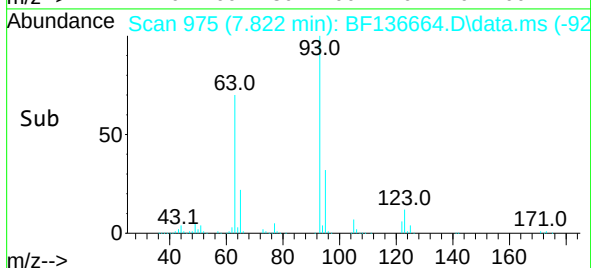
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

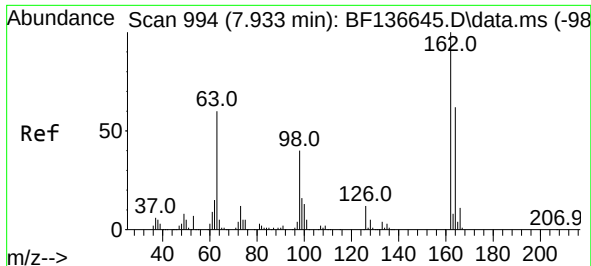


#28
bis(2-Chloroethoxy)methane
Concen: 40.006 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion: 93 Resp: 316670
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.623 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136664.D

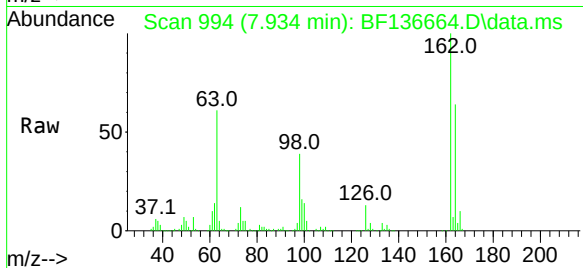
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS



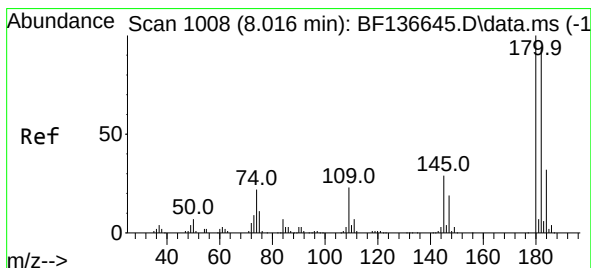
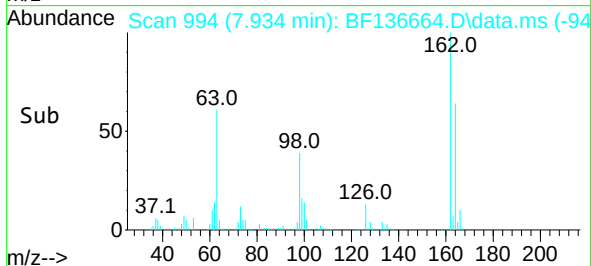
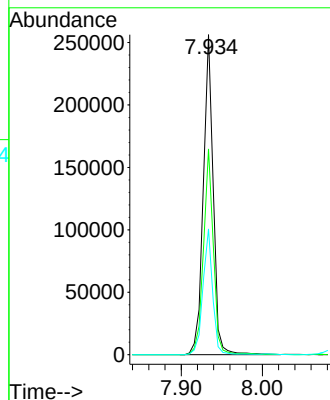
Tgt Ion:162	Resp:	21839
Ion Ratio	Lower	Upper
162	100	
164	64.3	41.7 81.7
98	39.3	19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.319 ng

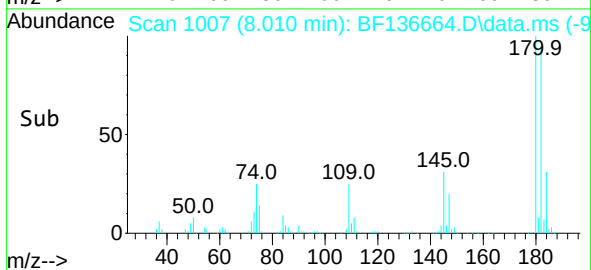
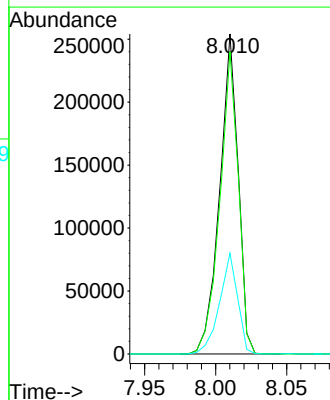
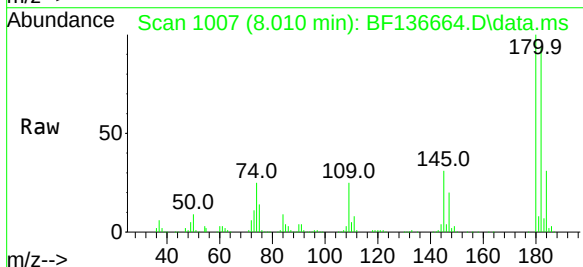
RT: 8.010 min Scan# 1007

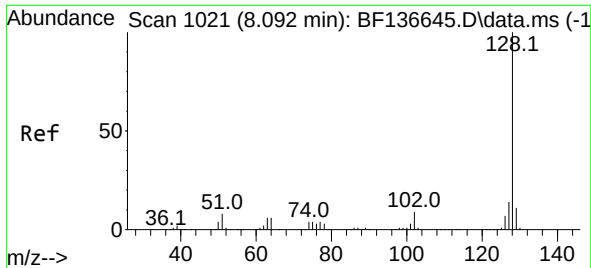
Delta R.T. -0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Tgt Ion:180	Resp:	229529
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.4 113.0
145	31.5	23.1 34.7





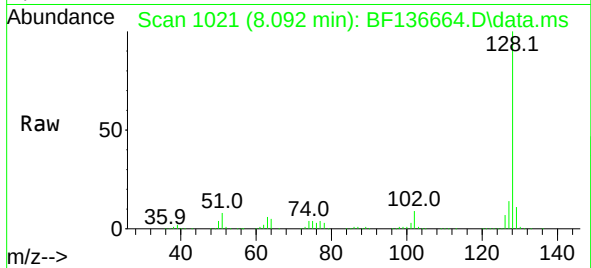
#31
Naphthalene
Concen: 38.009 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

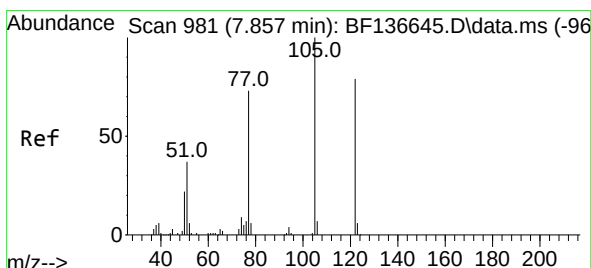
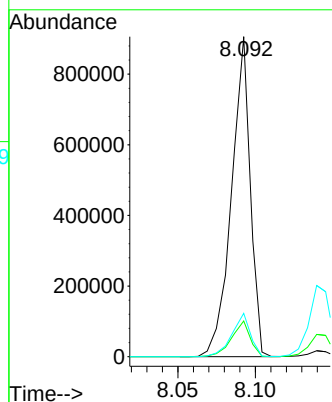
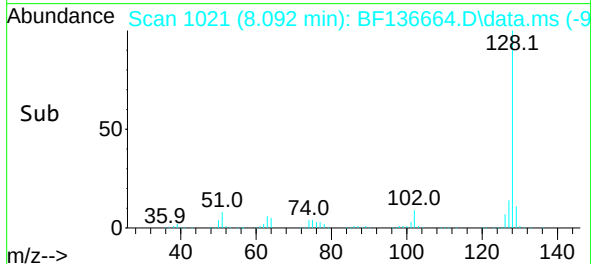


Tgt Ion:128 Resp: 764700
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.8 16.2

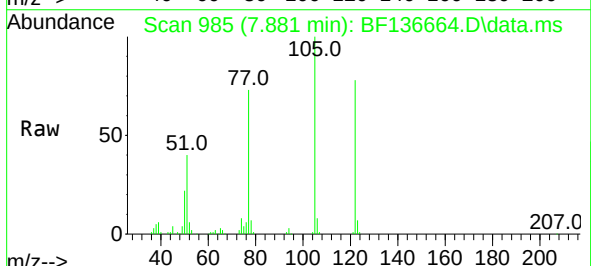
Manual Integrations

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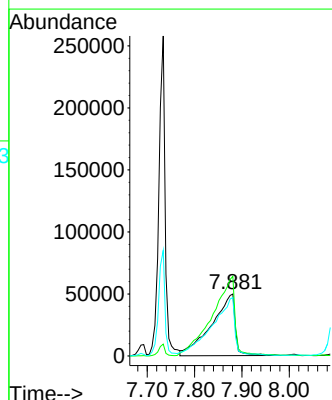
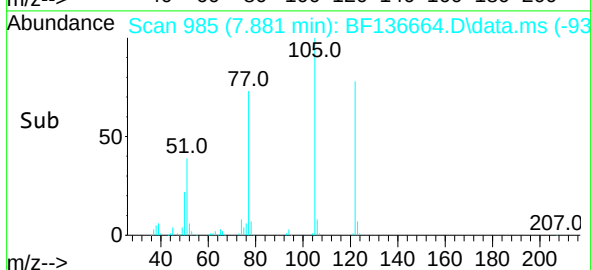
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

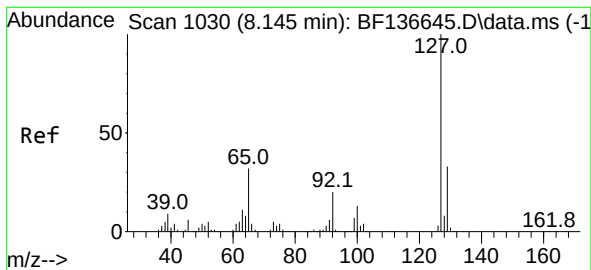


#32
Benzoic acid
Concen: 42.635 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:122 Resp: 172265
Ion Ratio Lower Upper
122 100
105 128.8 100.8 140.8
77 94.5 70.9 110.9





#33
4-Chloroaniline
Concen: 27.084 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

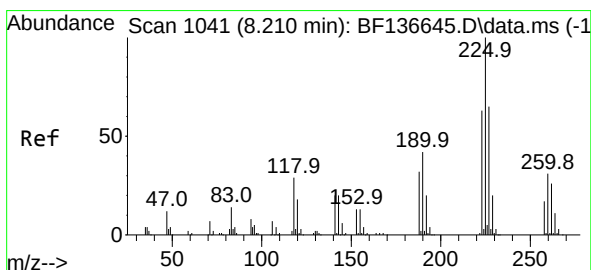
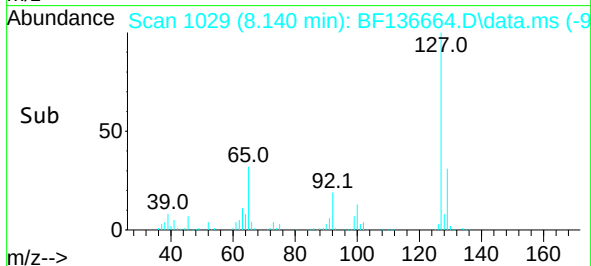
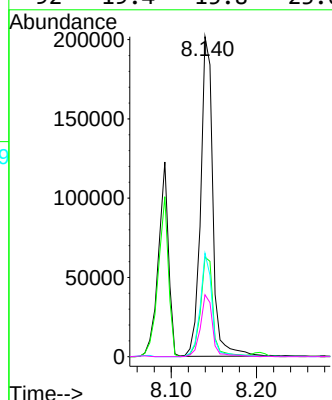
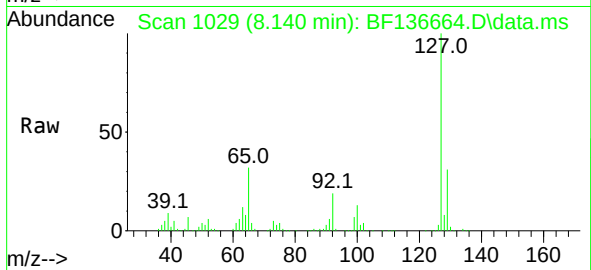
PB157746BS

Tgt Ion:127 Resp: 201189
Ion Ratio Lower Upper
127 100
129 31.1 26.3 39.5
65 32.3 25.8 38.8
92 19.4 15.8 23.6

Manual Integrations

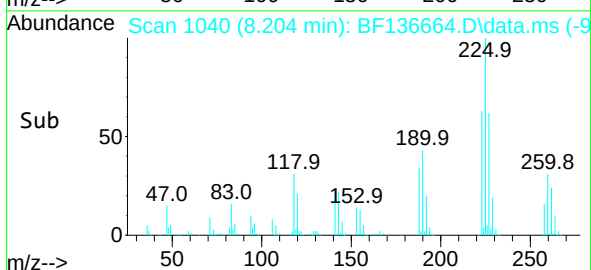
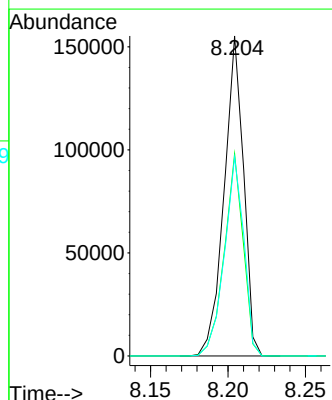
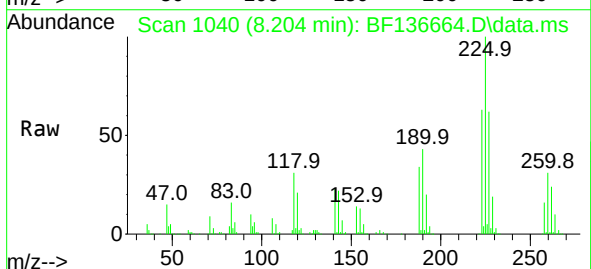
APPROVED

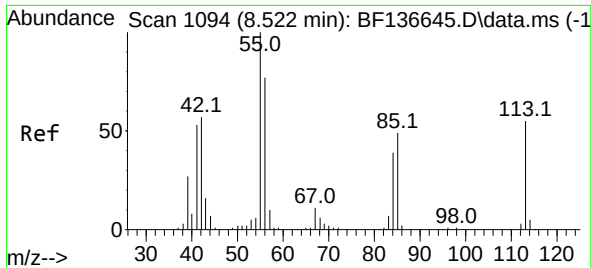
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#34
Hexachlorobutadiene
Concen: 37.171 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

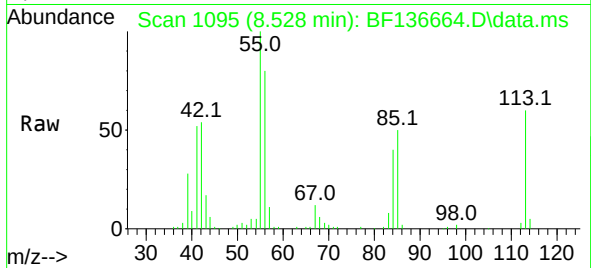
Tgt Ion:225 Resp: 135276
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 62.2 51.9 77.9





#35
Caprolactam
Concen: 43.862 ng m
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

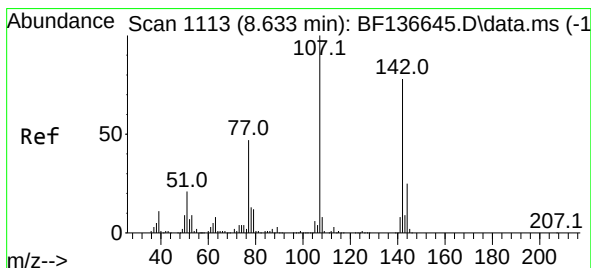
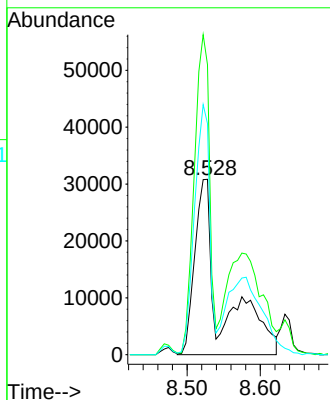
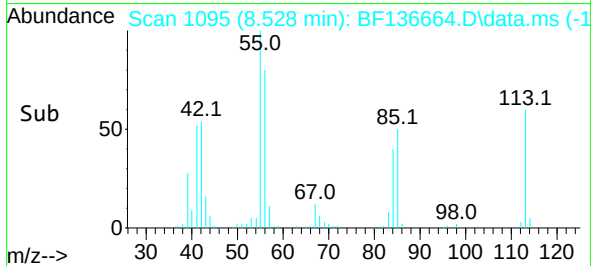
Instrument :
BNA_F
ClientSampleId :
PB157746BS



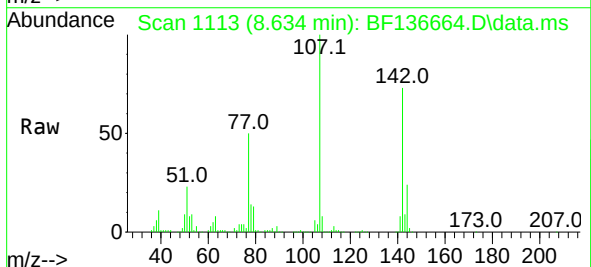
Tgt Ion:113 Resp: 7779
Ion Ratio Lower Upper
113 100
55 165.5 163.1 203.1
56 131.9 121.7 161.7

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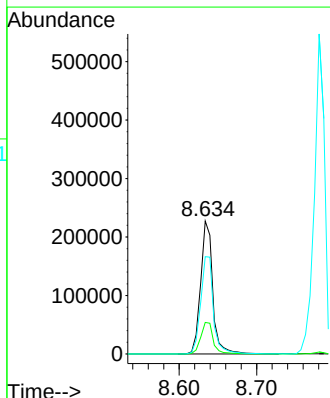
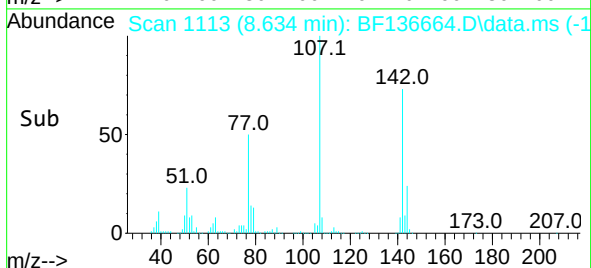
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

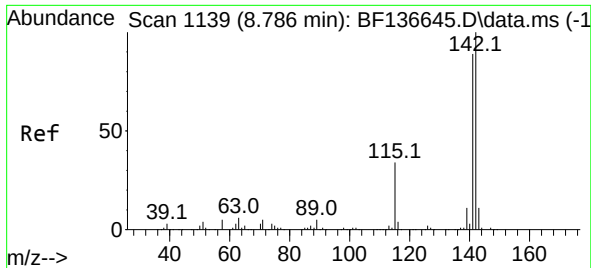


#36
4-Chloro-3-methylphenol
Concen: 40.833 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:107 Resp: 247129
Ion Ratio Lower Upper
107 100
144 23.7 20.2 30.2
142 73.2 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.525 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

Tgt Ion:142 Resp: 49882

Ion Ratio Lower Upper

142 100

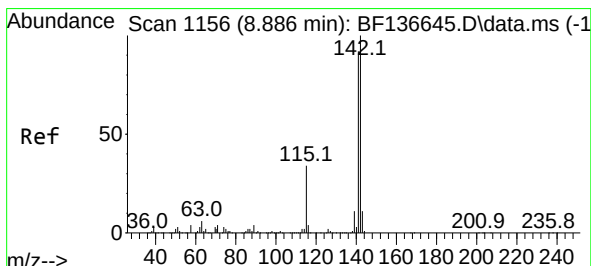
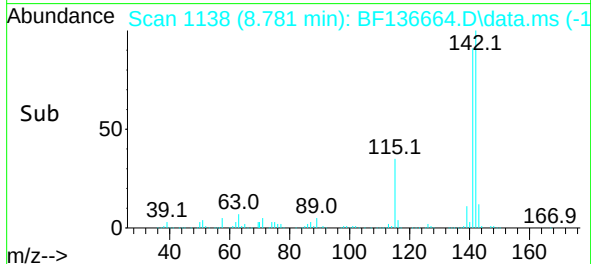
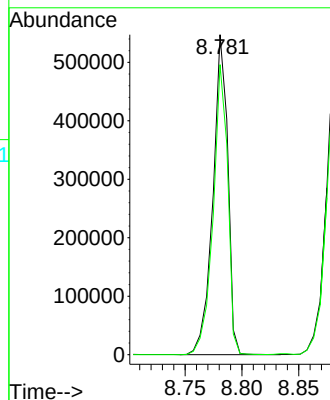
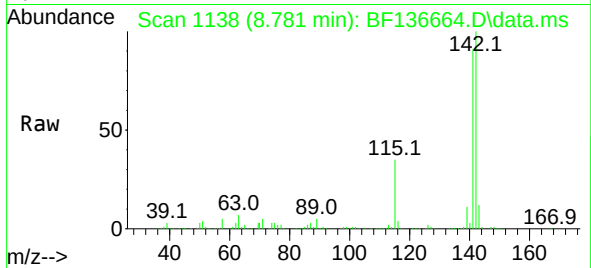
141 90.6 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#38

1-Methylnaphthalene

Concen: 36.490 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136664.D

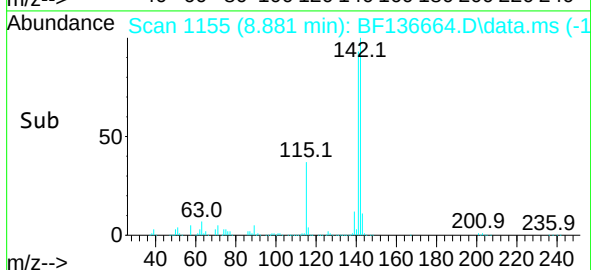
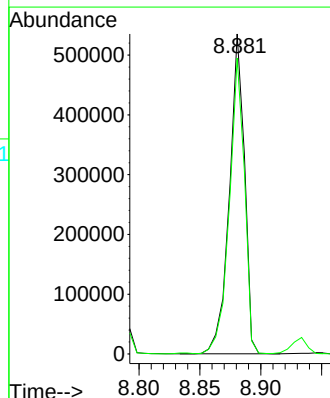
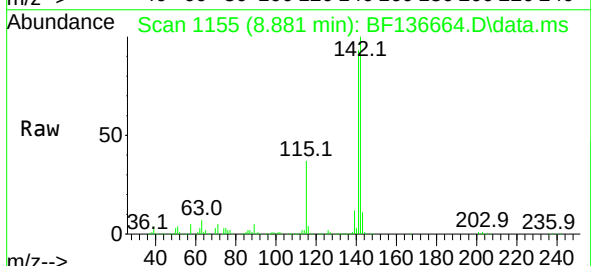
Acq: 21 Dec 2023 11:34

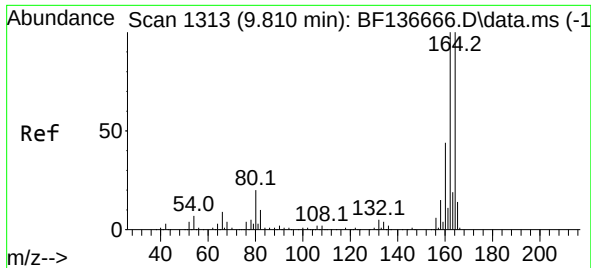
Tgt Ion:142 Resp: 463528

Ion Ratio Lower Upper

142 100

141 92.5 73.6 110.4





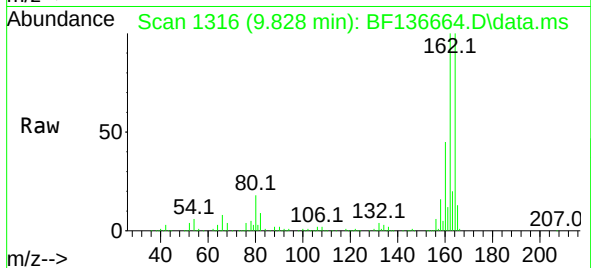
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

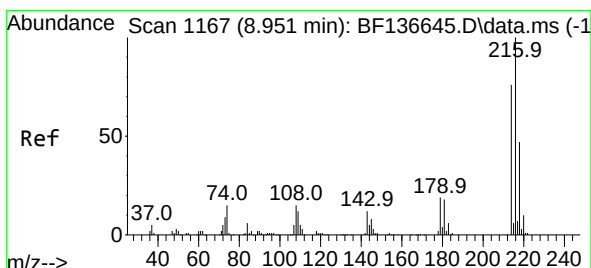
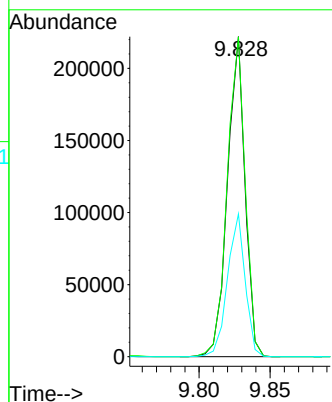
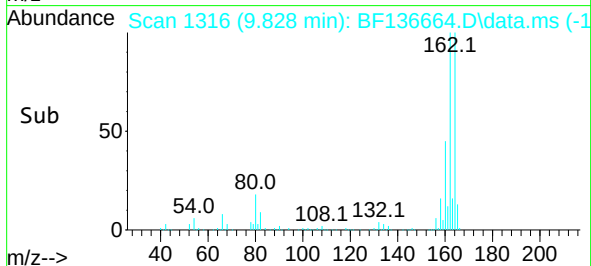


Tgt Ion:164 Resp: 190719
Ion Ratio Lower Upper
164 100
162 99.9 81.6 122.4
160 44.6 34.9 52.3

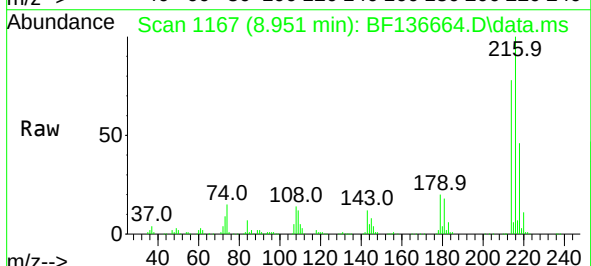
Manual Integrations

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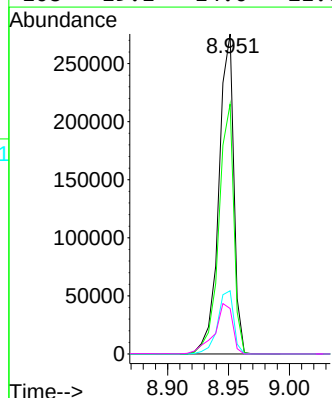
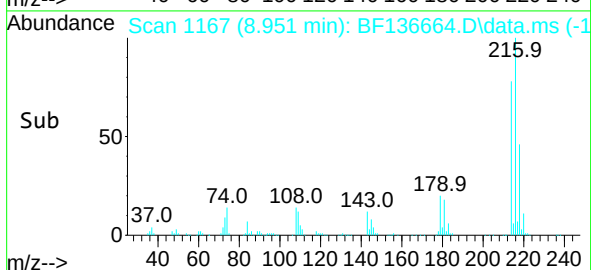
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

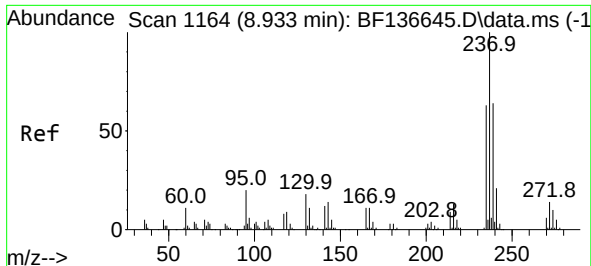


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.913 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



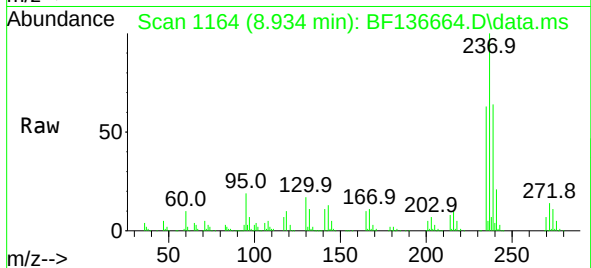
Tgt Ion:216 Resp: 235744
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 21.0 16.4 24.6
108 19.1 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 105.829 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

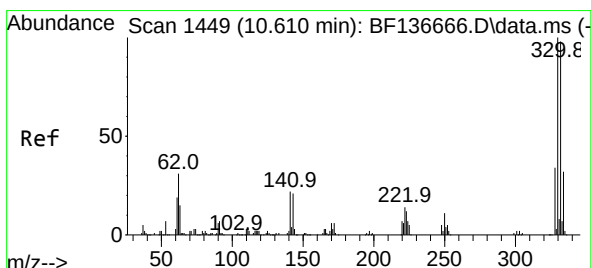
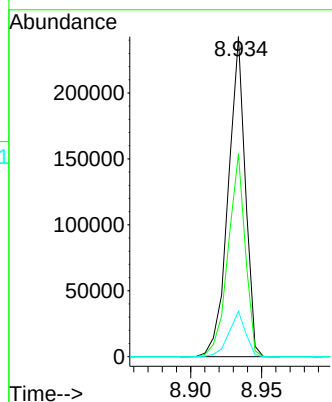
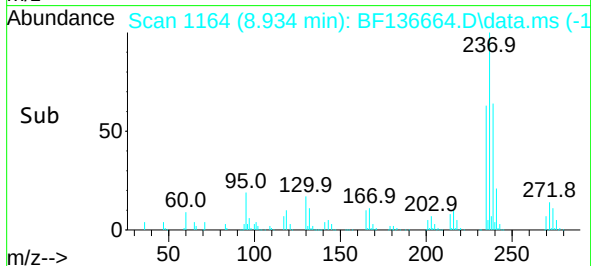
Instrument :
BNA_F
ClientSampleId :
PB157746BS



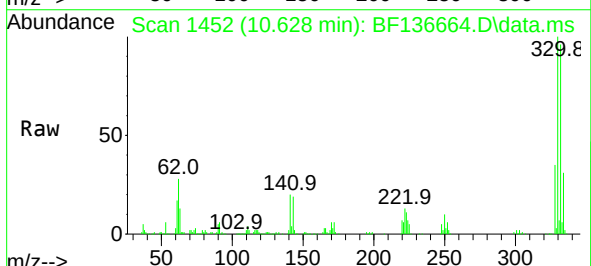
Tgt Ion:237 Resp: 202474
Ion Ratio Lower Upper
237 100
235 63.5 43.2 83.2
272 14.1 0.0 34.2

Manual Integrations
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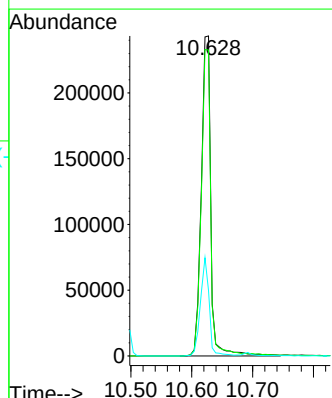
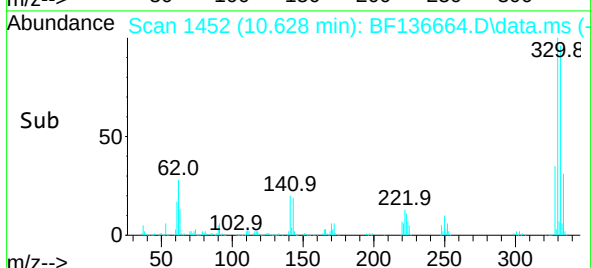
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

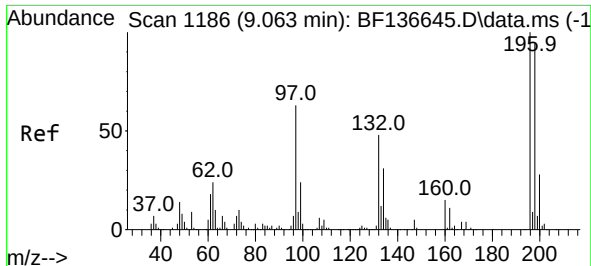


#42
2,4,6-Tribromophenol
Concen: 118.003 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



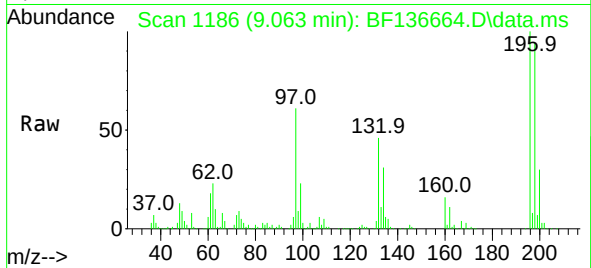
Tgt Ion:330 Resp: 265052
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 28.2 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.684 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

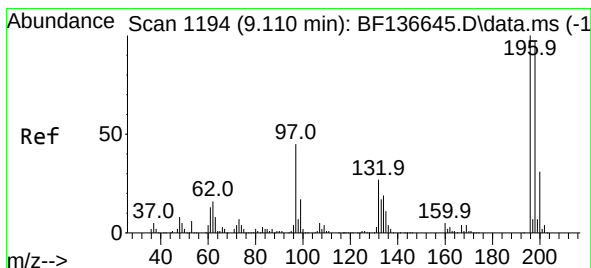
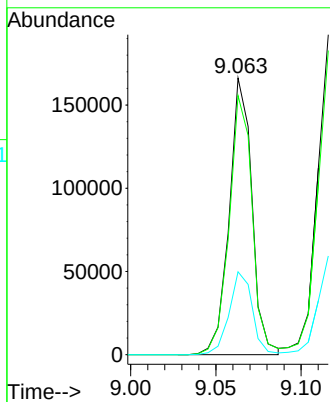
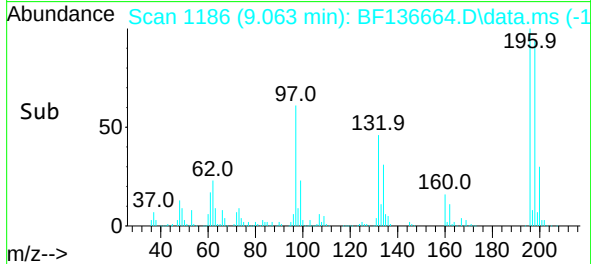
Instrument :
BNA_F
ClientSampleId :
PB157746BS



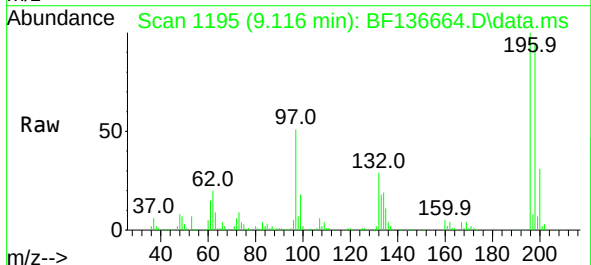
Tgt Ion:196 Resp: 154109
Ion Ratio Lower Upper
196 100
198 93.6 75.1 112.7
200 29.9 22.5 33.7

Manual Integrations
APPROVED

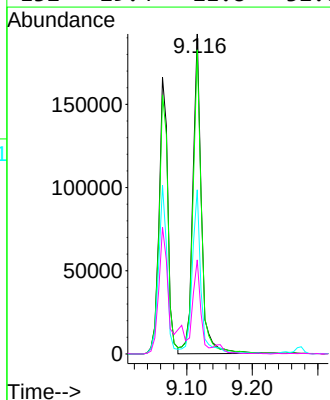
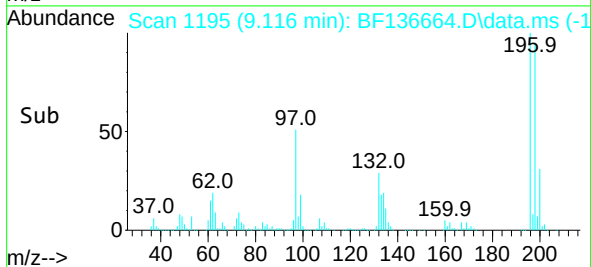
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

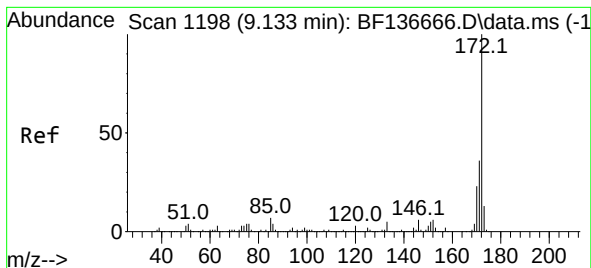


#44
2,4,5-Trichlorophenol
Concen: 41.347 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:196 Resp: 174529
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.6
97 51.3 36.1 54.1
132 29.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 73.603 ng

RT: 9.151 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

Tgt Ion:172 Resp: 1043690

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

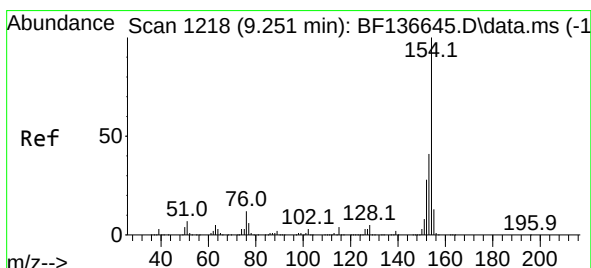
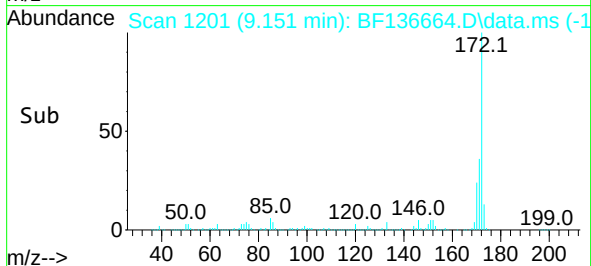
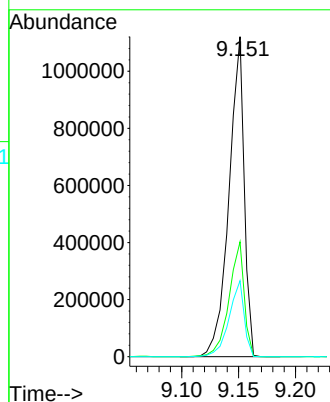
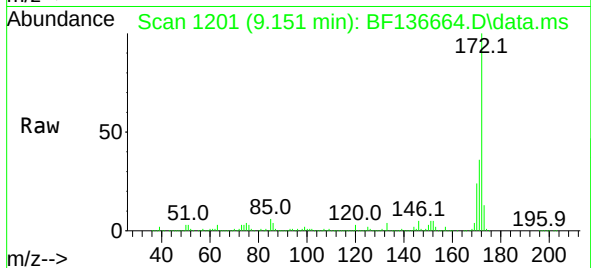
170 23.8 19.0 28.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#46

1,1'-Biphenyl

Concen: 39.667 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

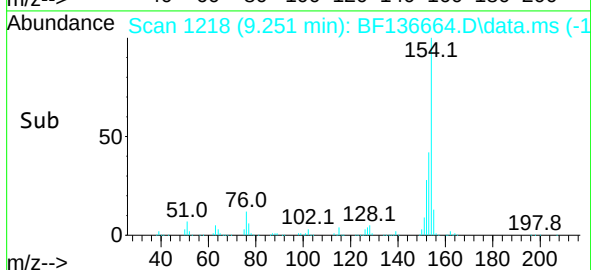
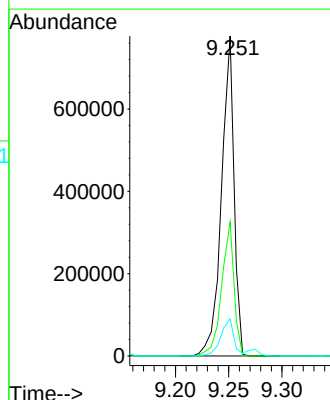
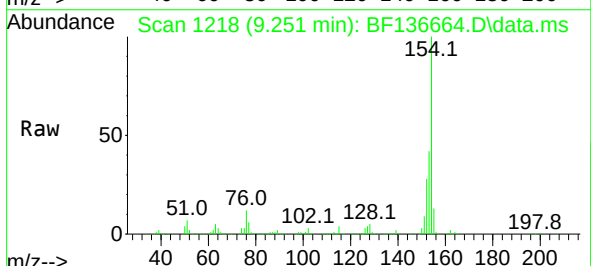
Tgt Ion:154 Resp: 634839

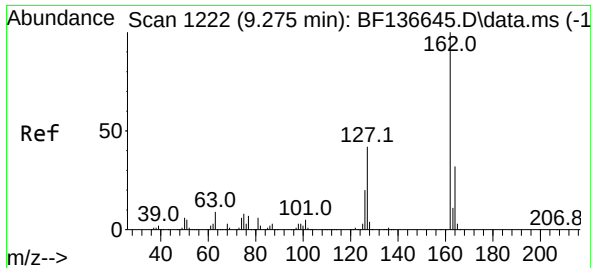
Ion Ratio Lower Upper

154 100

153 41.9 21.1 61.1

76 11.6 0.0 31.7





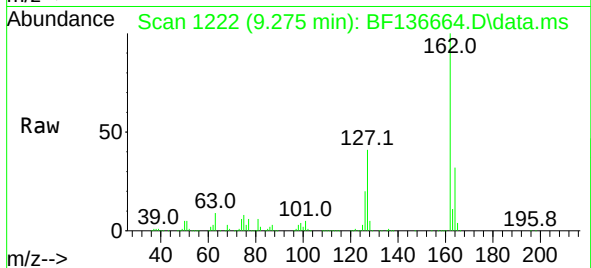
#47
2-Chloronaphthalene
Concen: 38.179 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

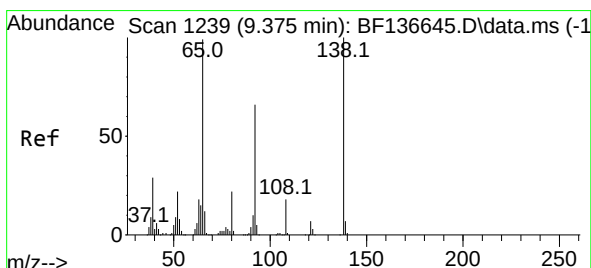
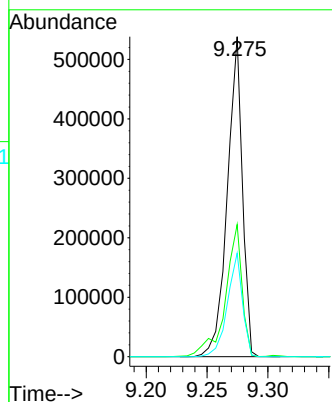
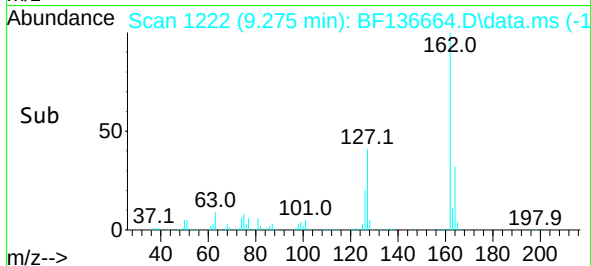


Tgt Ion:162 Resp: 464514
Ion Ratio Lower Upper
162 100
127 41.3 33.6 50.4
164 32.4 25.7 38.5

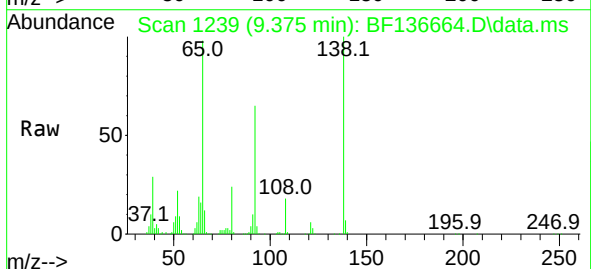
Manual Integrations

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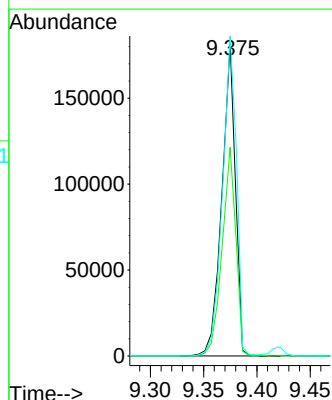
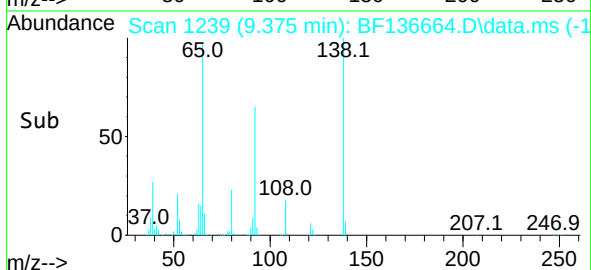
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

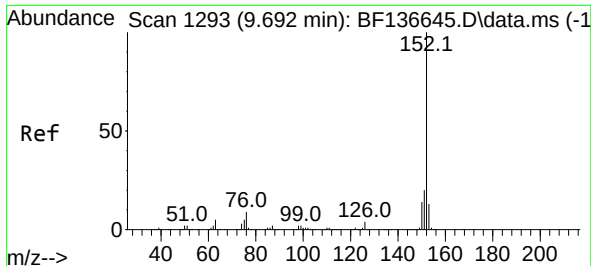


#48
2-Nitroaniline
Concen: 41.991 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion: 65 Resp: 159986
Ion Ratio Lower Upper
65 100
92 66.7 53.2 79.8
138 102.3 81.1 121.7





#49

Acenaphthylene

Concen: 40.626 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF136664.D

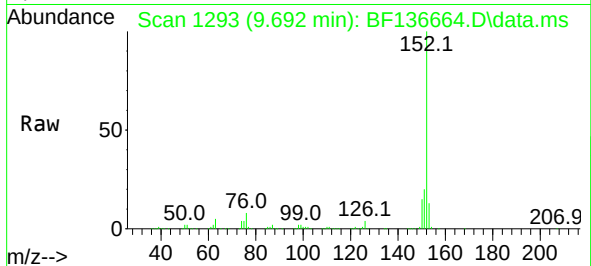
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS



Tgt Ion:152 Resp: 755500

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

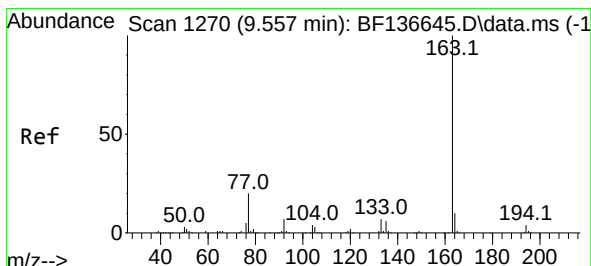
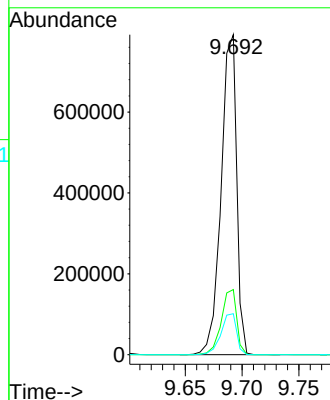
153 12.8 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#50

Dimethylphthalate

Concen: 40.784 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

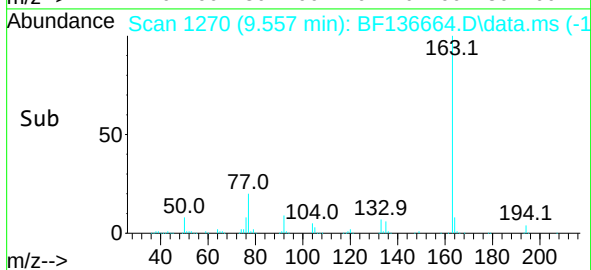
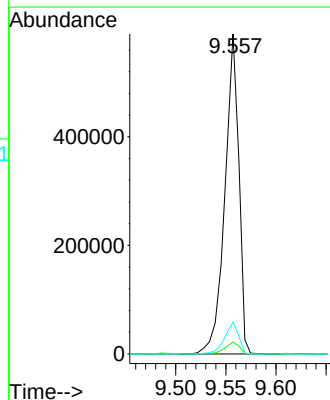
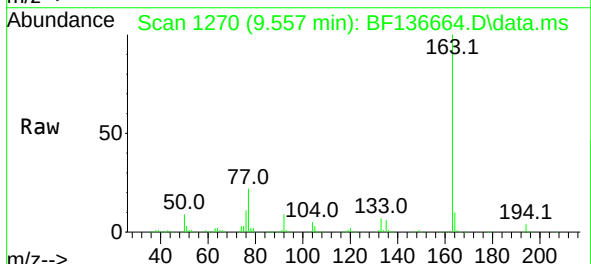
Tgt Ion:163 Resp: 568143

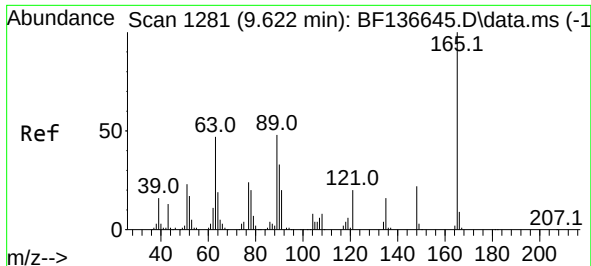
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 39.529 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

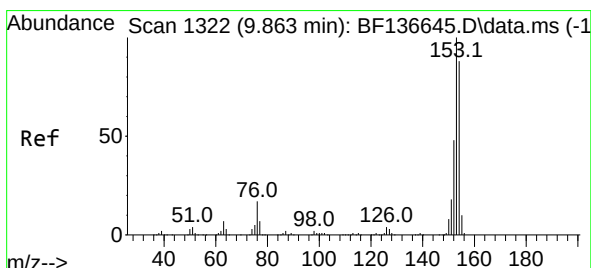
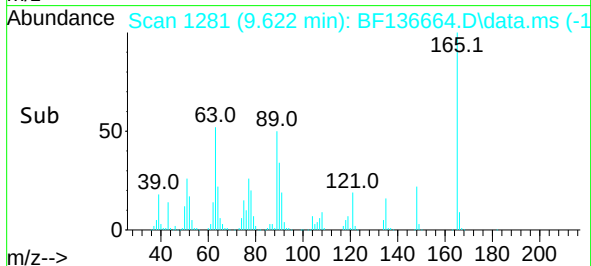
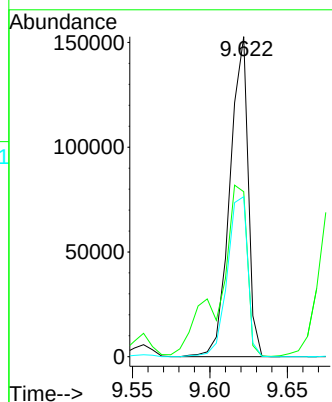
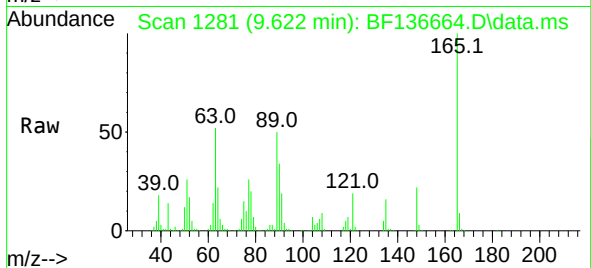
ClientSampleId :

PB157746BS

Tgt Ion:165 Resp: 12497
 Ion Ratio Lower Upper
 165 100
 63 51.6 39.8 59.6
 89 50.0 38.8 58.2

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Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023



#52

Acenaphthene

Concen: 39.056 ng

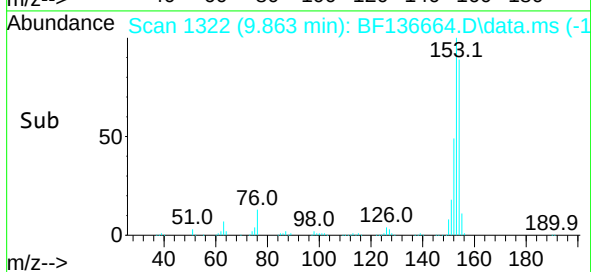
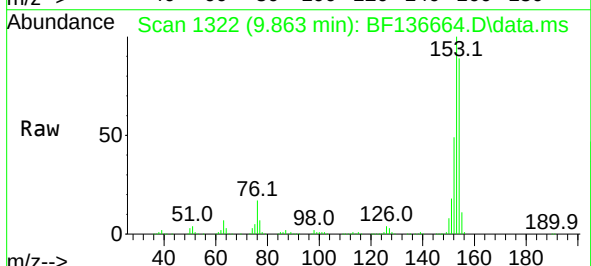
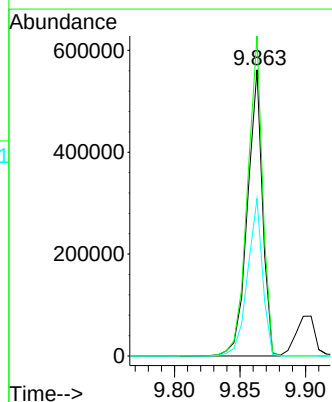
RT: 9.863 min Scan# 1322

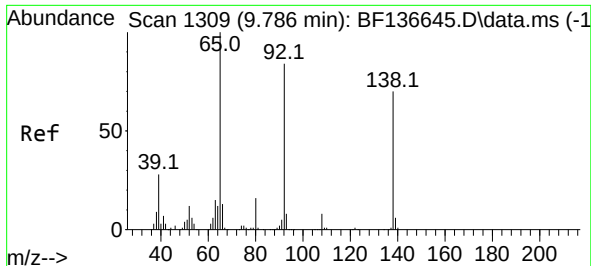
Delta R.T. 0.000 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Tgt Ion:154 Resp: 450226
 Ion Ratio Lower Upper
 154 100
 153 111.8 90.7 136.1
 152 54.9 43.7 65.5





#53
3-Nitroaniline
Concen: 34.304 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

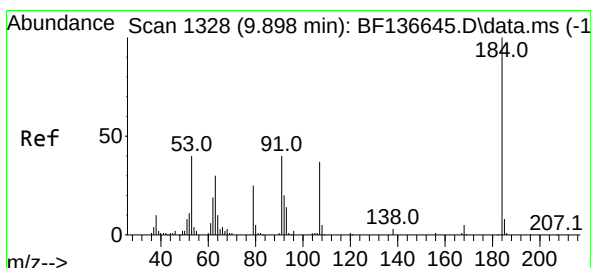
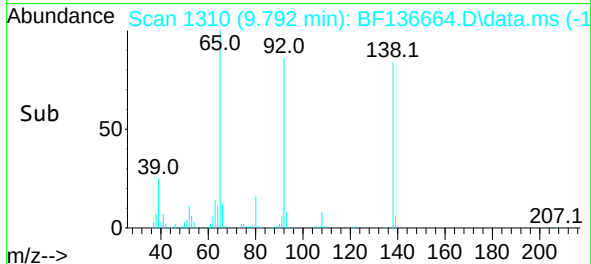
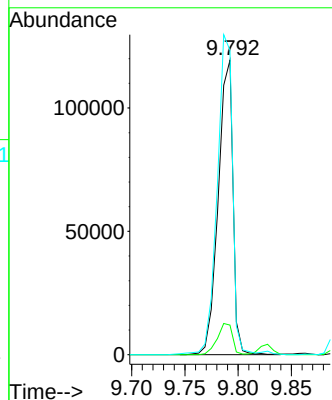
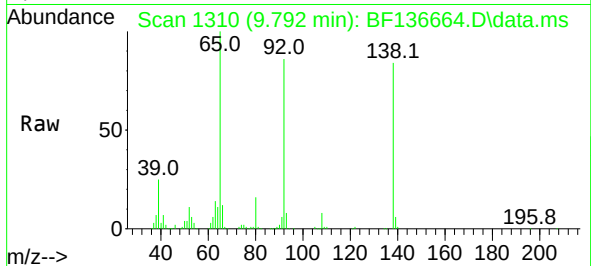
PB157746BS

Tgt Ion:138 Resp: 114880
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 103.3 95.2 142.8

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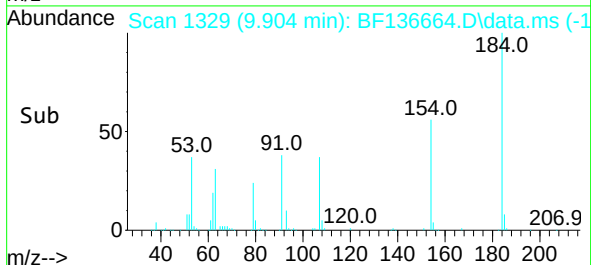
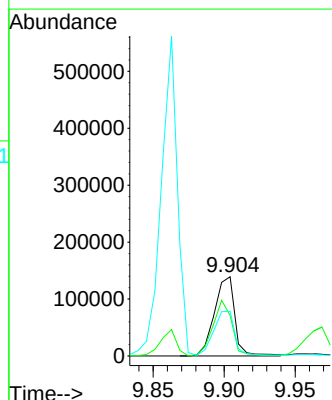
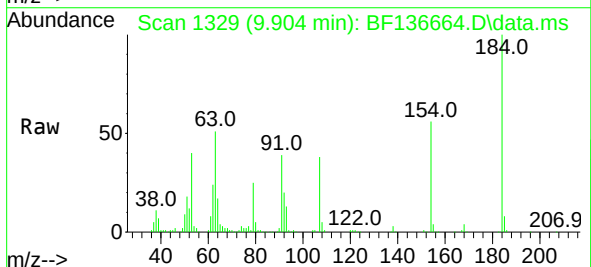
APPROVED

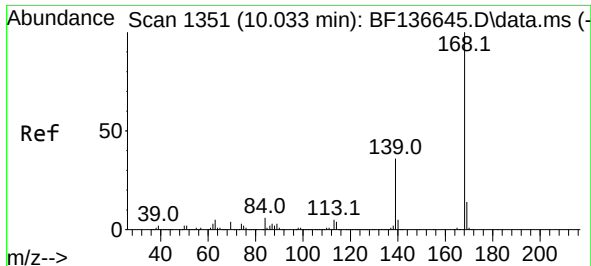
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#54
2,4-Dinitrophenol
Concen: 79.494 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

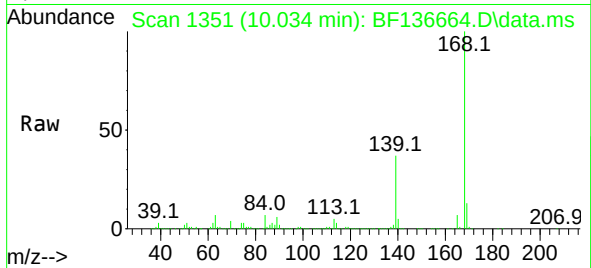
Tgt Ion:184 Resp: 139246
Ion Ratio Lower Upper
184 100
63 51.1 40.9 61.3
154 56.3 42.7 64.1





#55
Dibenzofuran
Concen: 39.174 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

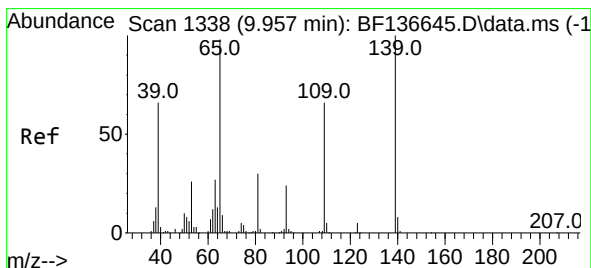
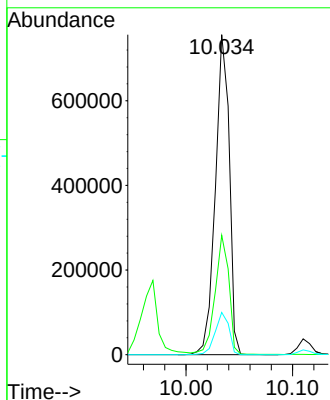
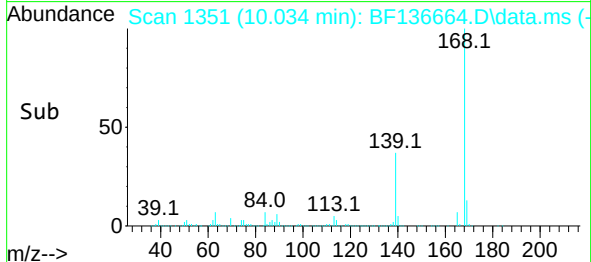
Instrument :
BNA_F
ClientSampleId :
PB157746BS



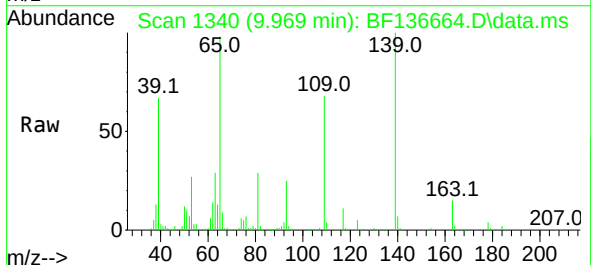
Tgt Ion:168 Resp: 684540
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.2 11.0 16.4

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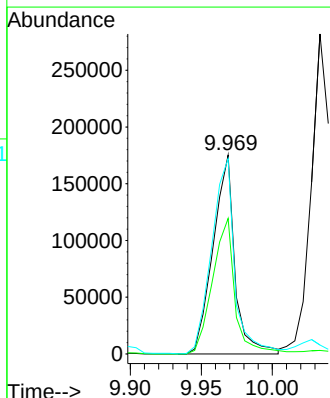
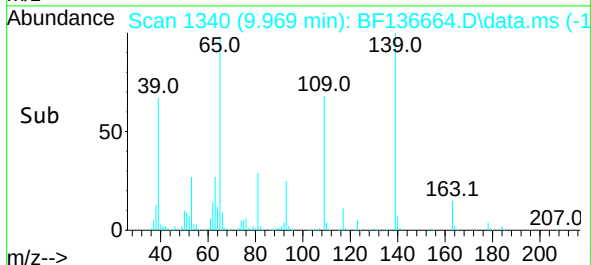
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

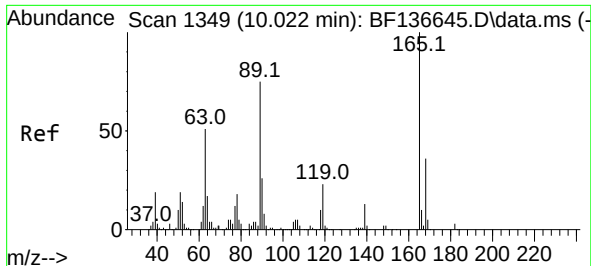


#56
4-Nitrophenol
Concen: 82.747 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:139 Resp: 187077
Ion Ratio Lower Upper
139 100
109 68.2 45.8 85.8
65 98.2 77.8 117.8





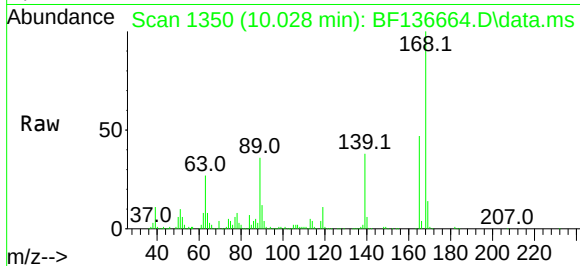
#57
2,4-Dinitrotoluene
Concen: 39.220 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

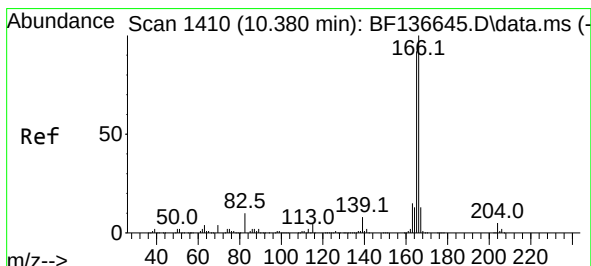
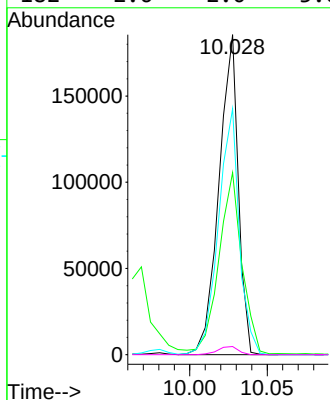
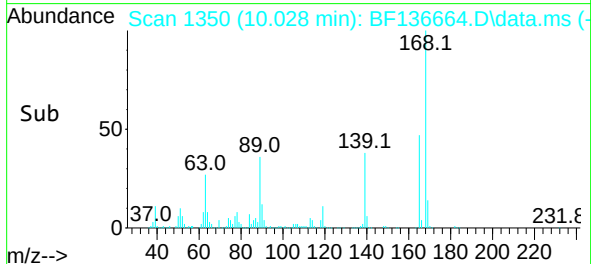


Tgt Ion:165 Resp: 160970
Ion Ratio Lower Upper
165 100
63 56.9 41.0 61.6
89 76.8 59.9 89.9
182 2.6 2.0 3.0

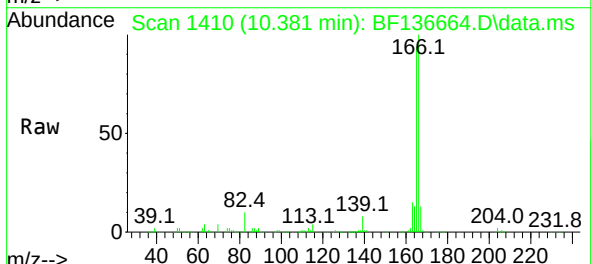
Manual Integrations

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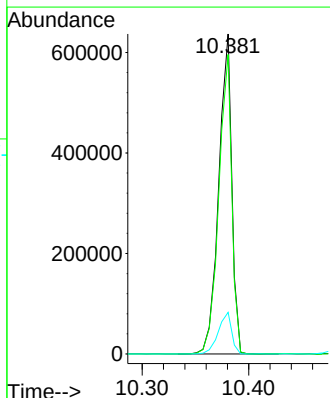
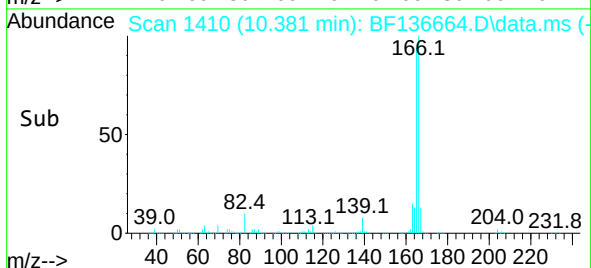
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

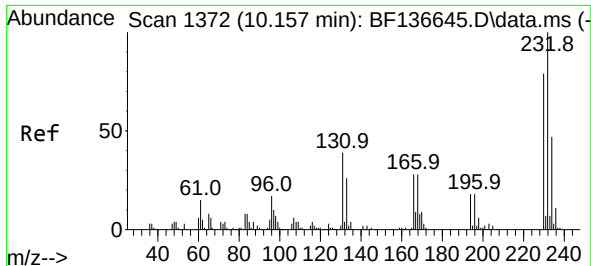


#58
Fluorene
Concen: 38.859 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



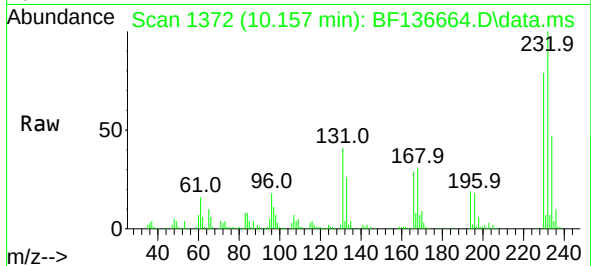
Tgt Ion:166 Resp: 538789
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.965 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

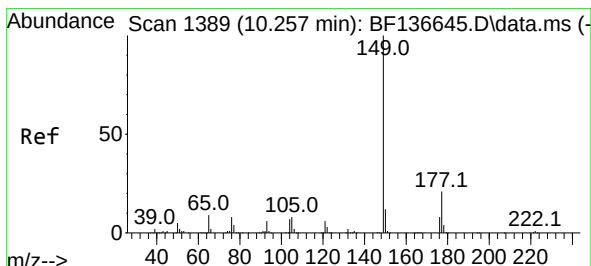
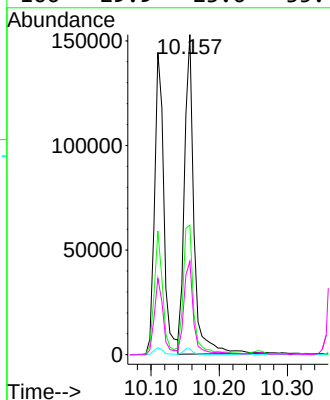
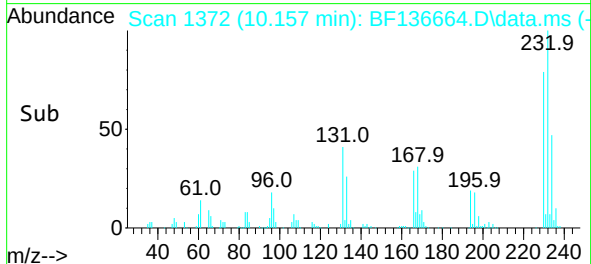
Instrument :
BNA_F
ClientSampleId :
PB157746BS



Tgt Ion:232 Resp: 14610
Ion Ratio Lower Upper
232 100
131 45.2 35.1 52.7
130 2.0 1.6 2.4
166 29.9 23.6 35.4

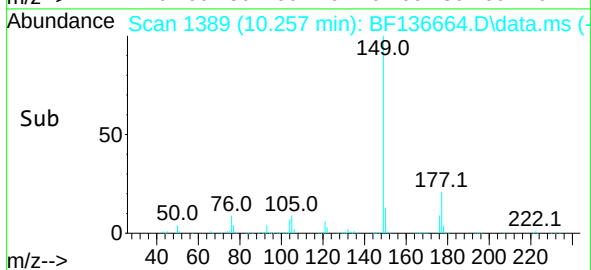
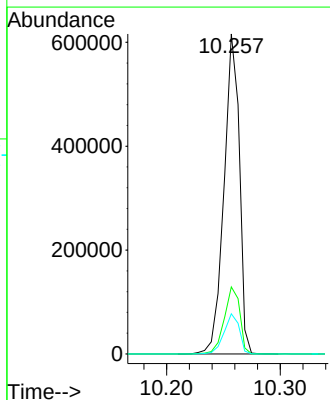
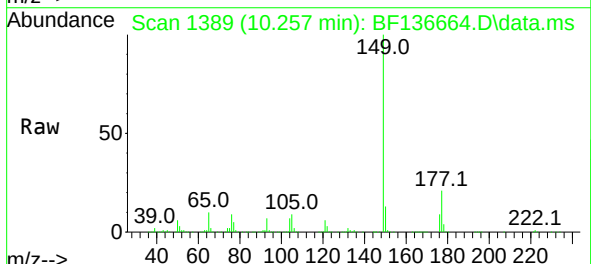
Manual Integrations
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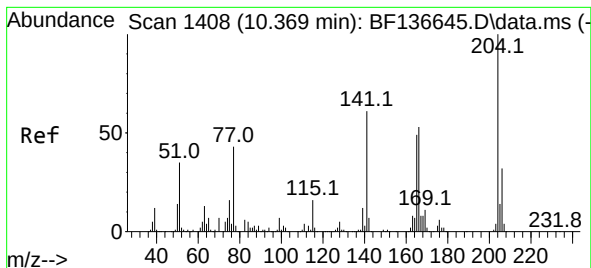
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#60
Diethylphthalate
Concen: 40.093 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

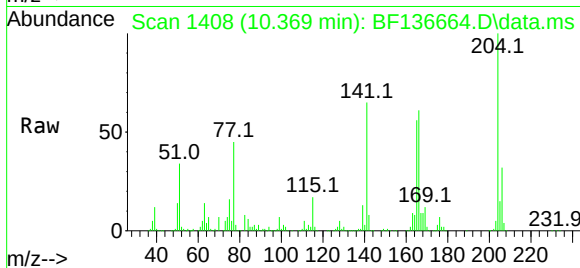
Tgt Ion:149 Resp: 579496
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.6 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.046 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

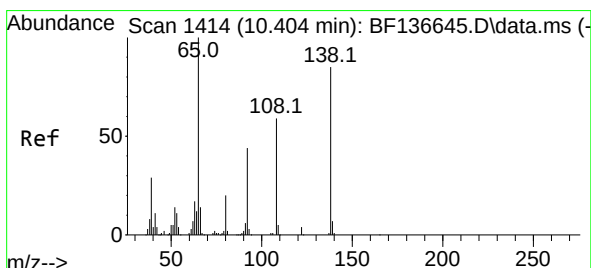
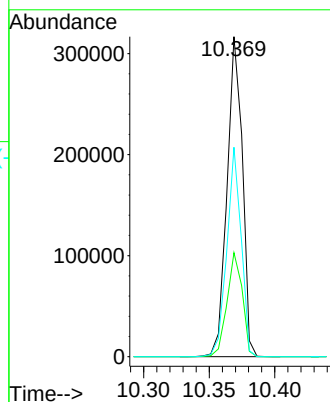
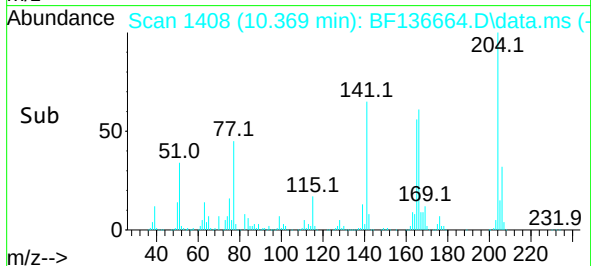
Instrument :
BNA_F
ClientSampleId :
PB157746BS



Tgt Ion:204 Resp: 256412
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 65.4 48.4 72.6

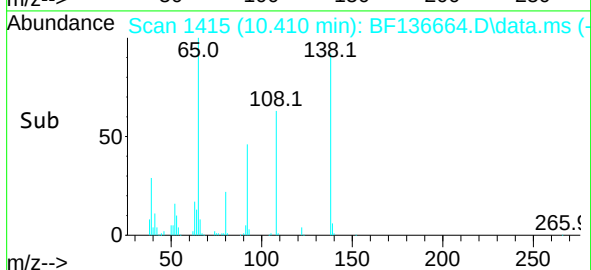
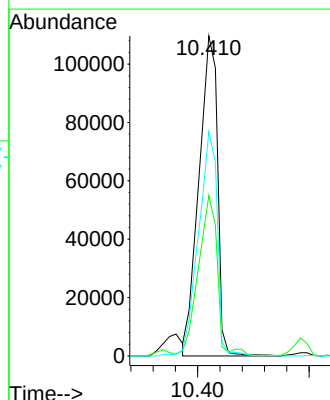
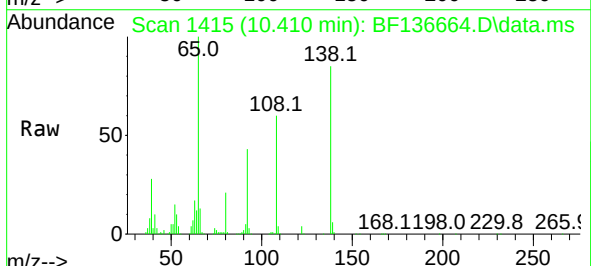
Manual Integrations
APPROVED

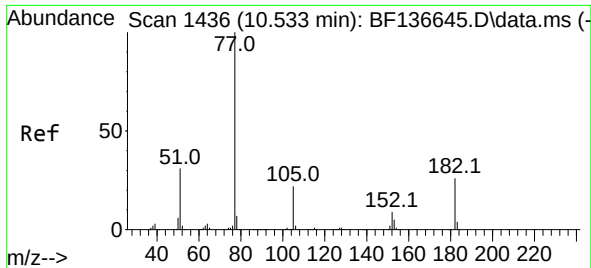
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#62
4-Nitroaniline
Concen: 39.279 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion:138 Resp: 126815
Ion Ratio Lower Upper
138 100
92 50.1 32.1 72.1
108 70.2 50.1 90.1





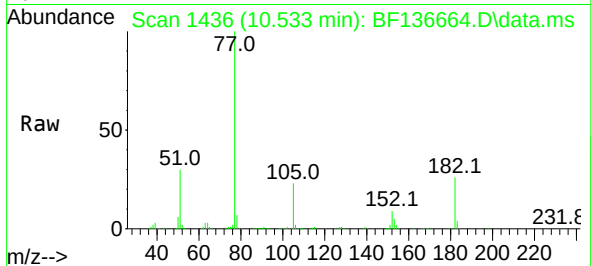
#63
Azobenzene
Concen: 40.538 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS



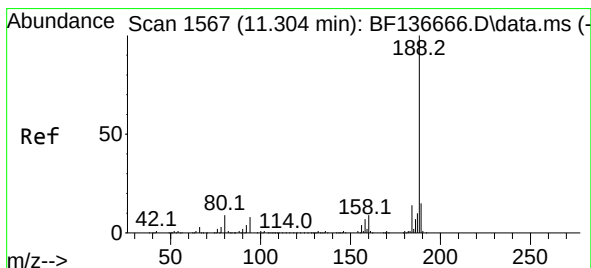
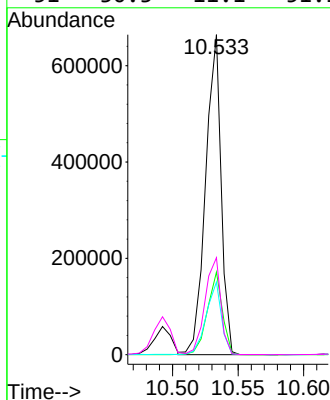
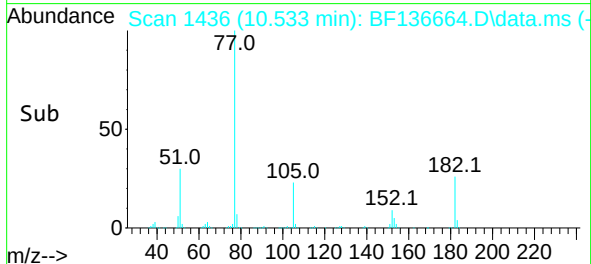
Tgt Ion: 77 Resp: 547260
Ion Ratio Lower Upper
77 100
182 25.8 6.0 46.0
105 22.7 2.3 42.3
51 30.3 11.1 51.1

Manual Integrations

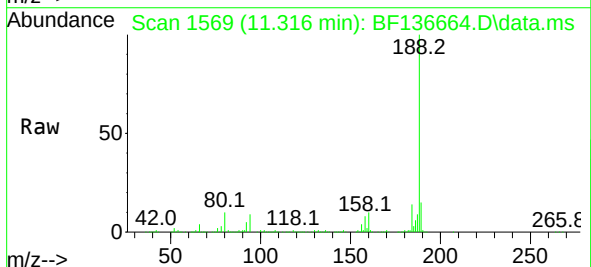
APPROVED

Reviewed By :Yogesh Patel 12/22/2023

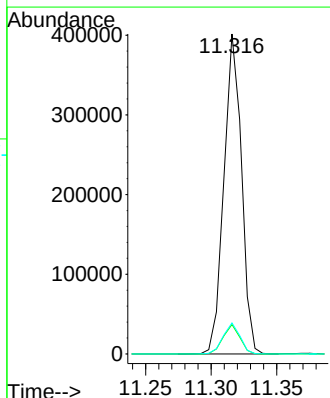
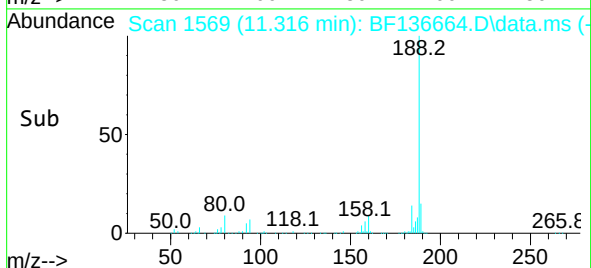
Supervised By :mohammad ahmed 12/22/2023

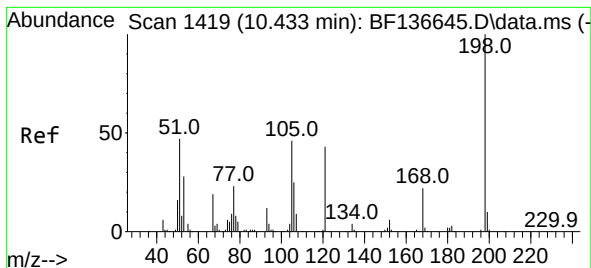


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:188 Resp: 374150
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.7 8.1 12.1





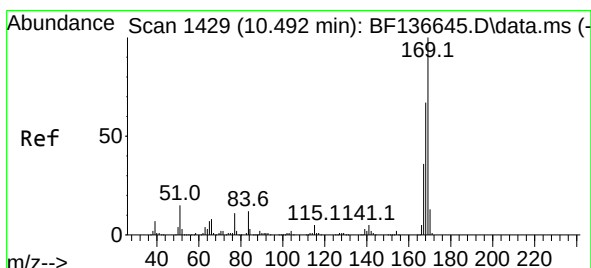
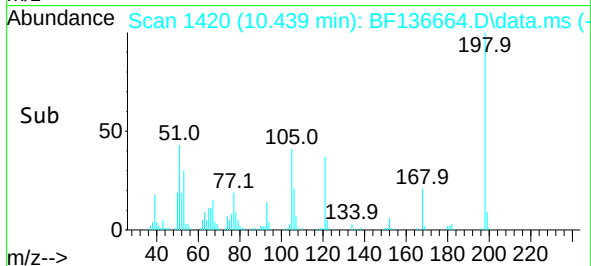
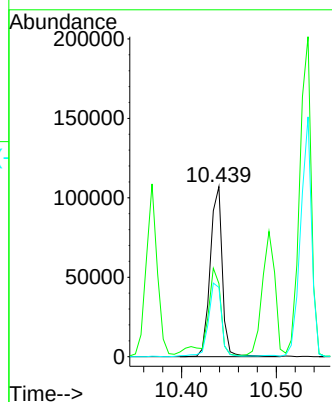
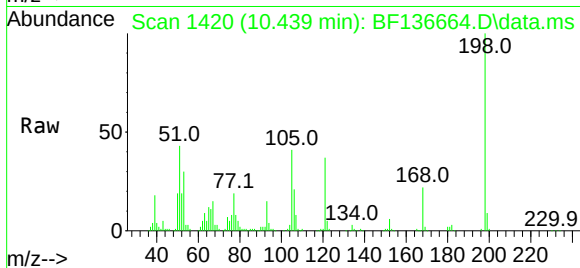
#65
4,6-Dinitro-2-methylphenol
Concen: 44.160 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :
BNA_F
ClientSampleId :
PB157746BS

Tgt Ion:198 Resp: 94690
Ion Ratio Lower Upper
198 100
51 43.0 34.1 74.1
105 40.8 27.3 67.3

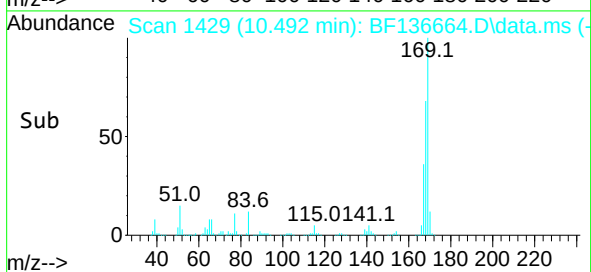
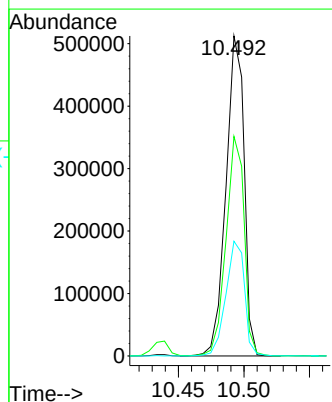
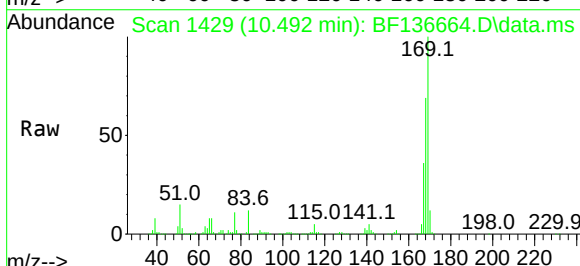
Manual Integrations
APPROVED

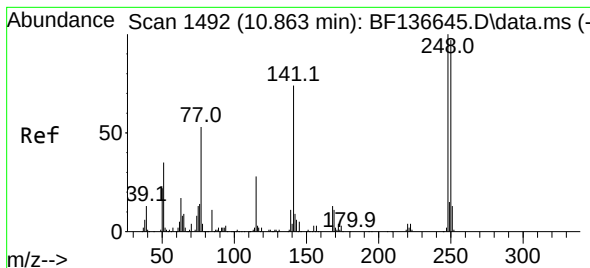
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#66
n-Nitrosodiphenylamine
Concen: 40.556 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

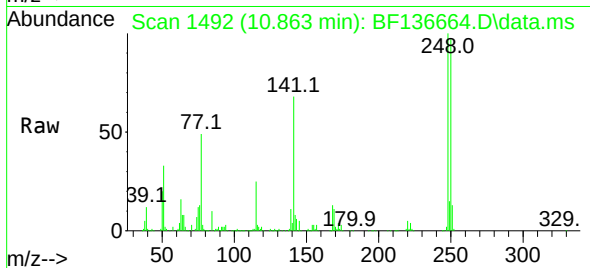
Tgt Ion:169 Resp: 492919
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.6
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.388 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

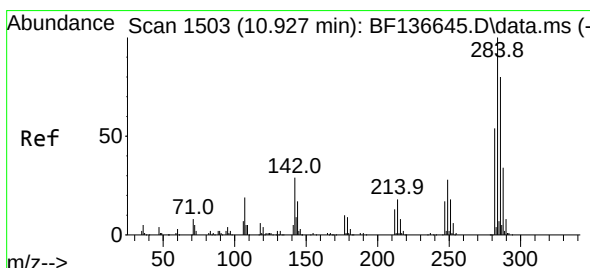
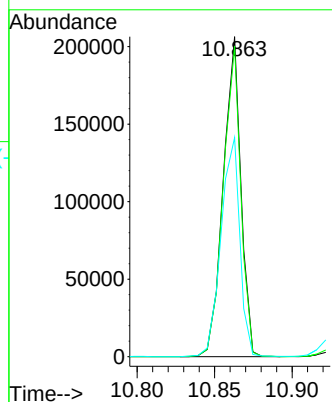
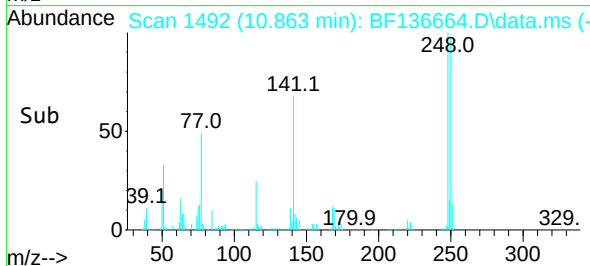
Instrument :
BNA_F
ClientSampleId :
PB157746BS



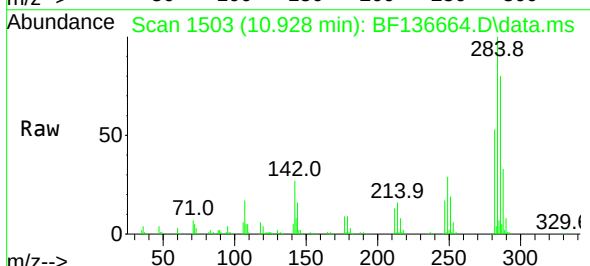
Tgt Ion:248 Resp: 16366
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 68.5 59.2 88.8

Manual Integrations
APPROVED

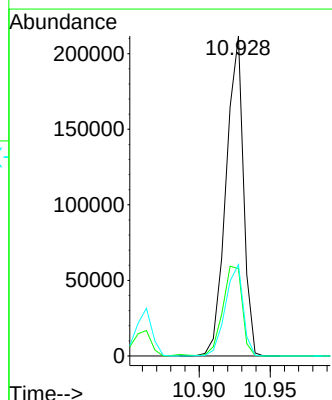
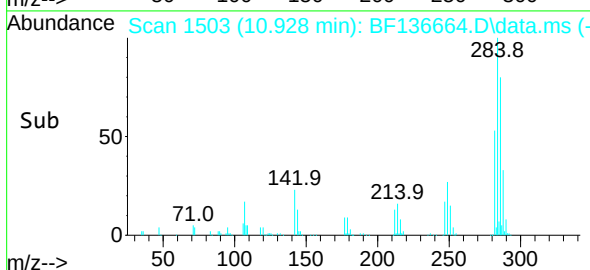
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

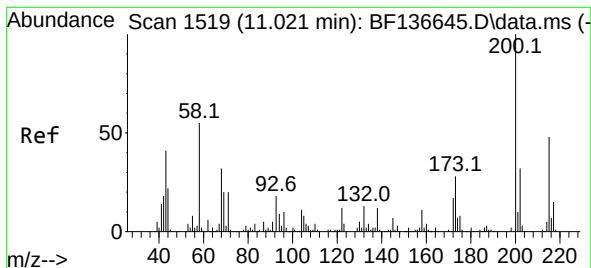


#68
Hexachlorobenzene
Concen: 38.919 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:284 Resp: 180220
Ion Ratio Lower Upper
284 100
142 27.3 23.4 35.0
249 28.6 22.3 33.5





#69

Atrazine

Concen: 64.298 ng

RT: 11.028 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

Tgt Ion:200 Resp: 199879

Ion Ratio Lower Upper

200 100

173 27.0 7.6 47.6

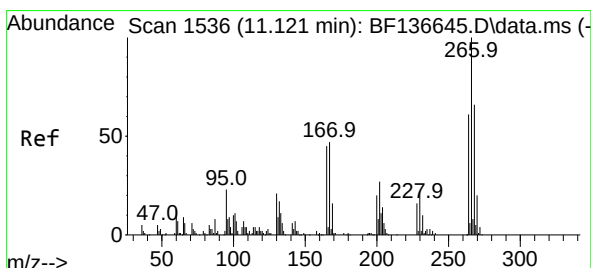
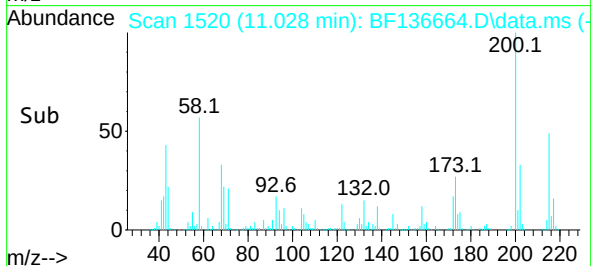
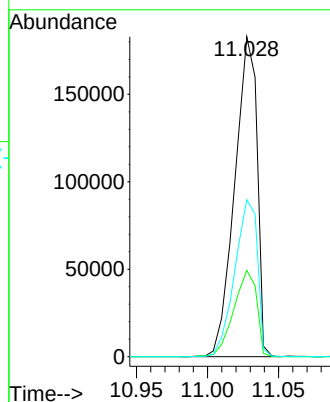
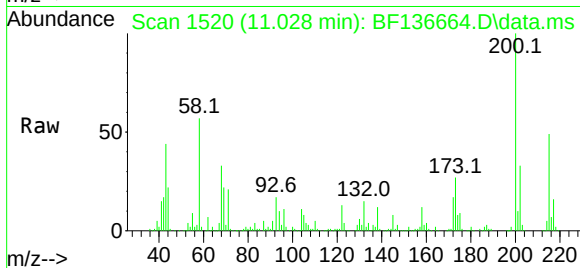
215 49.0 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#70

Pentachlorophenol

Concen: 78.272 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

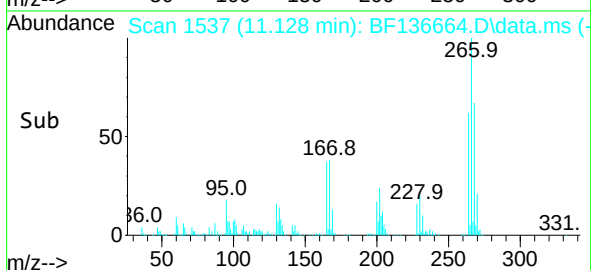
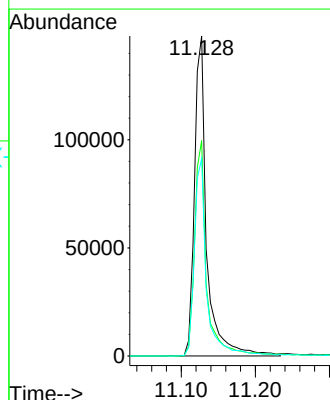
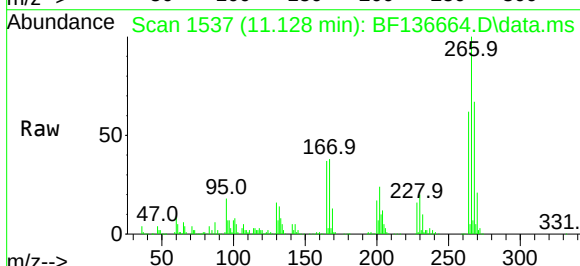
Tgt Ion:266 Resp: 168942

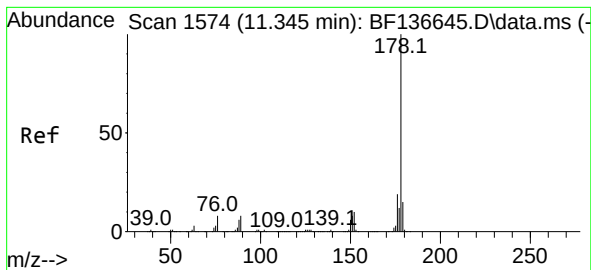
Ion Ratio Lower Upper

266 100

268 67.3 52.6 78.8

264 61.7 49.0 73.4





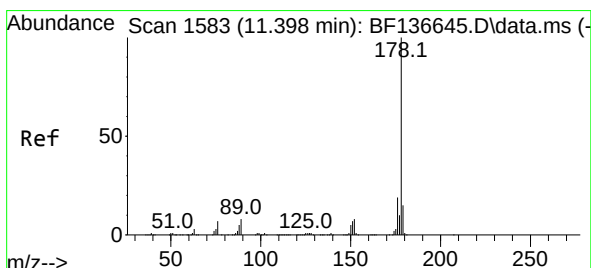
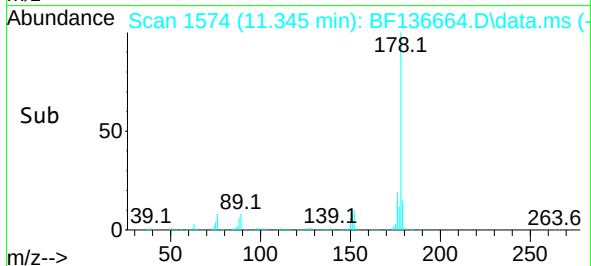
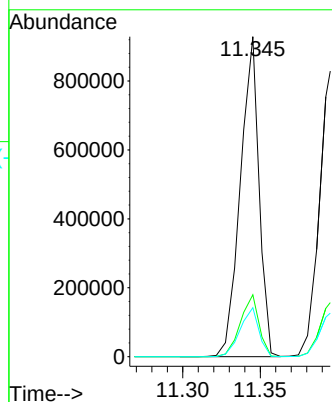
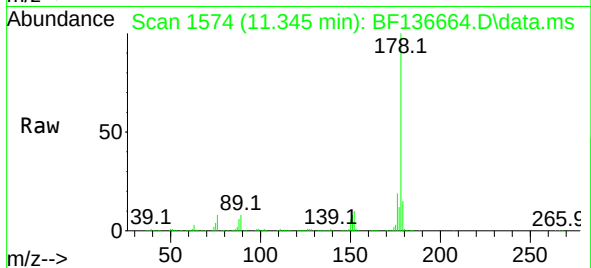
#71
Phenanthrene
Concen: 40.545 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :
BNA_F
ClientSampleId :
PB157746BS

Tgt Ion:178 Resp: 77837
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.3 11.9 17.9

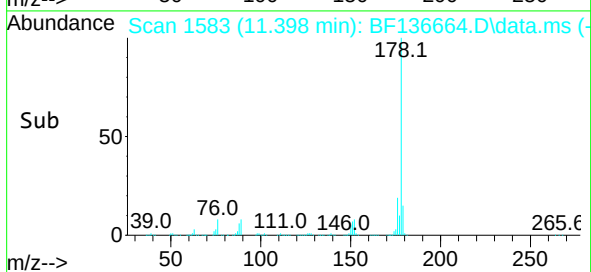
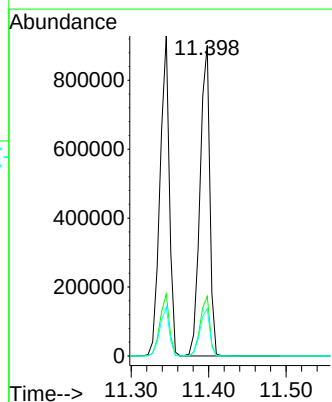
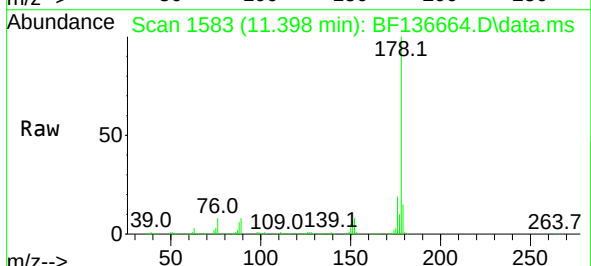
Manual Integrations
APPROVED

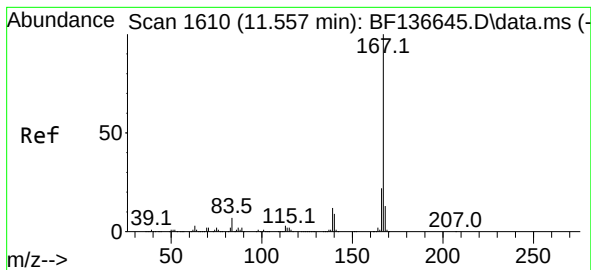
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#72
Anthracene
Concen: 40.471 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion:178 Resp: 786844
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.2 11.8 17.6





#73

Carbazole

Concen: 40.314 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

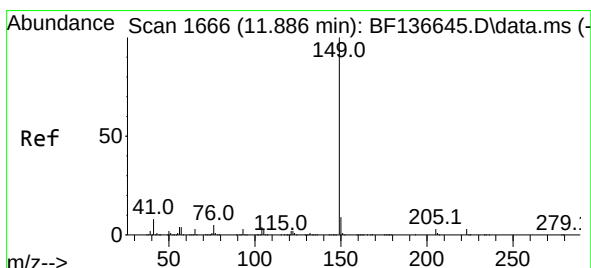
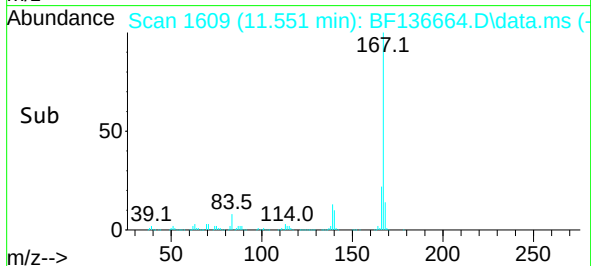
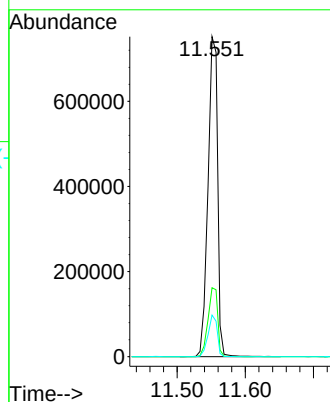
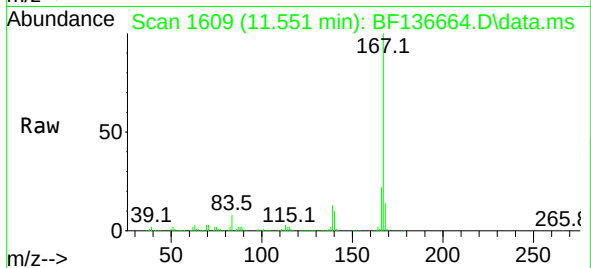
Tgt Ion:167 Resp: 73898

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	13.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#74

Di-n-butylphthalate

Concen: 41.210 ng

RT: 11.886 min Scan# 1666

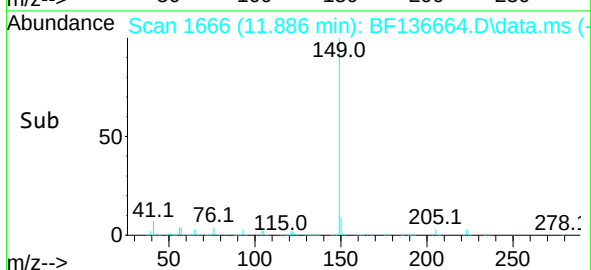
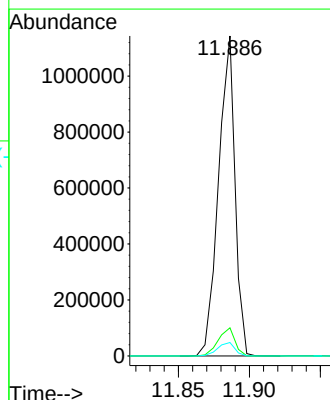
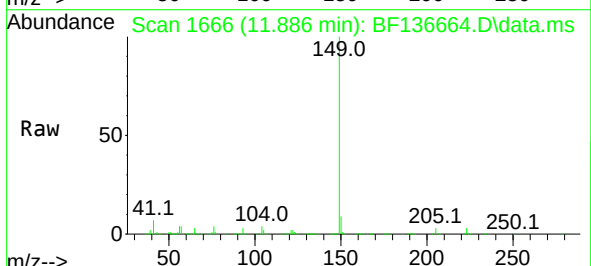
Delta R.T. 0.000 min

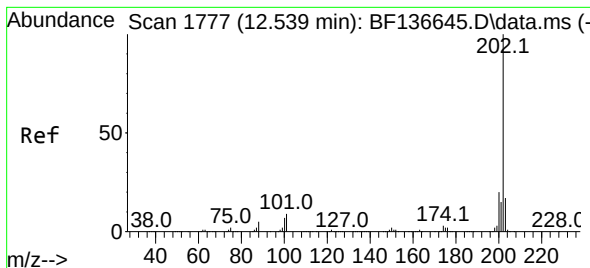
Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Tgt Ion:149 Resp: 921764

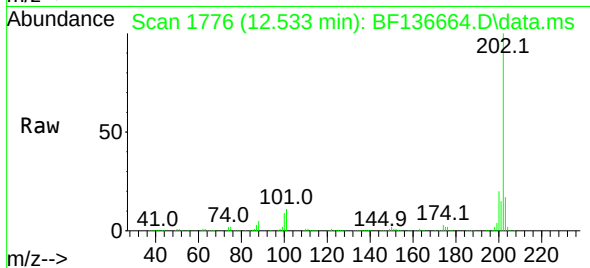
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	4.2	3.6	5.4





#75
Fluoranthene
Concen: 39.566 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

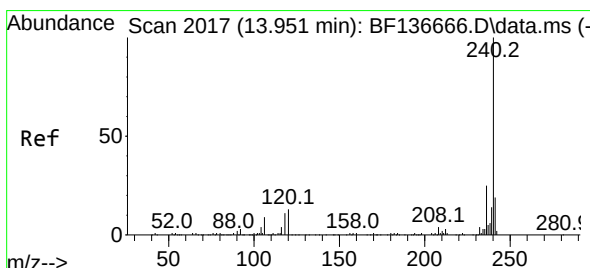
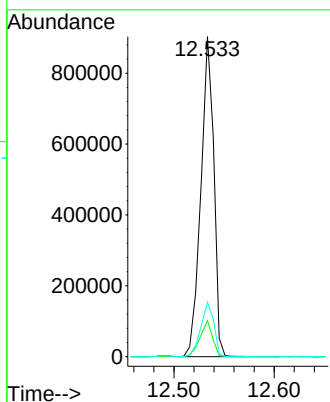
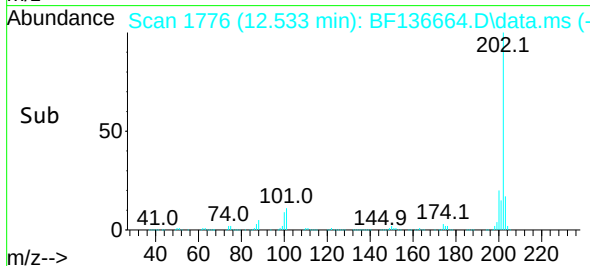
Instrument :
BNA_F
ClientSampleId :
PB157746BS



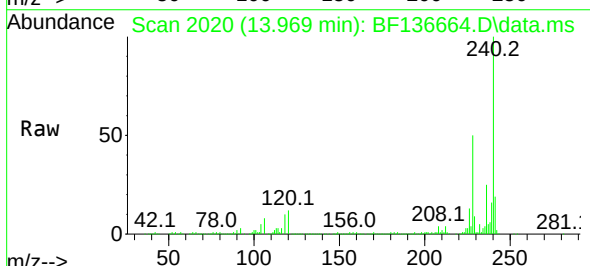
Tgt Ion:202 Resp: 81250
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.3
203 17.0 0.0 37.1

Manual Integrations
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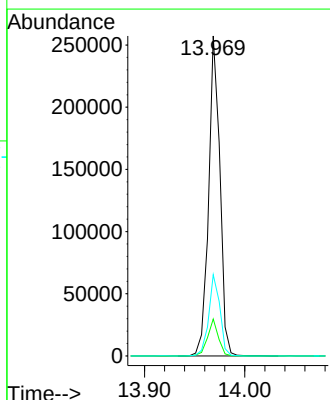
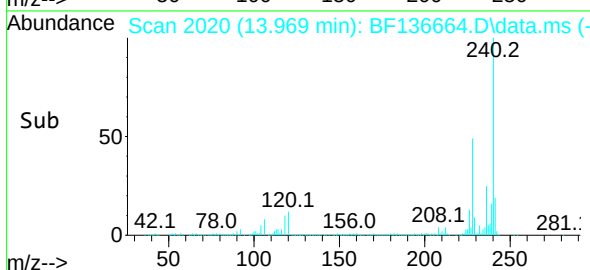
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

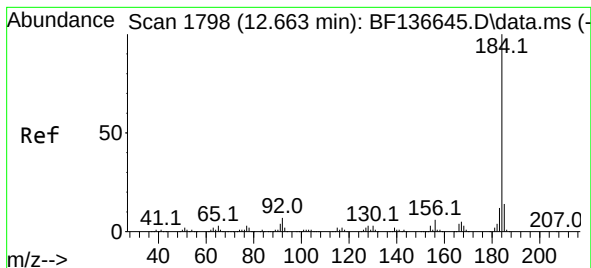


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:240 Resp: 201411
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 25.4 19.4 29.2





#77

Benzidine

Concen: 27.332 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

Tgt Ion:184 Resp: 162318

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

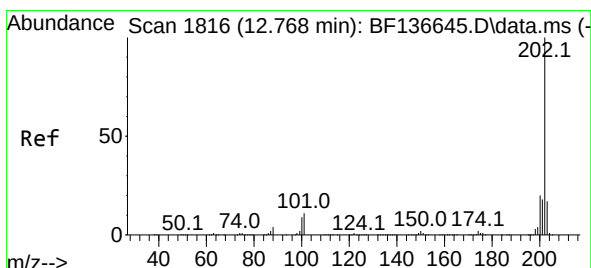
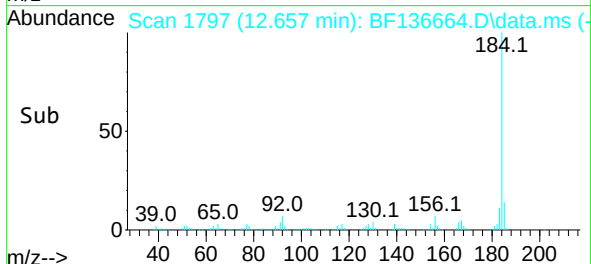
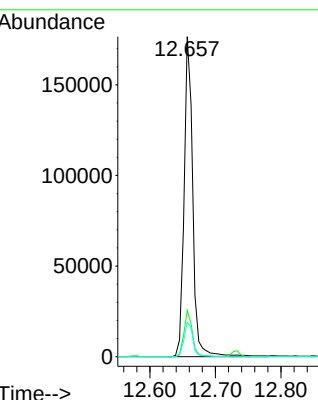
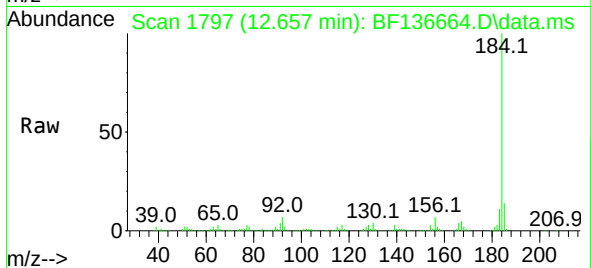
183 10.8 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#78

Pyrene

Concen: 41.013 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

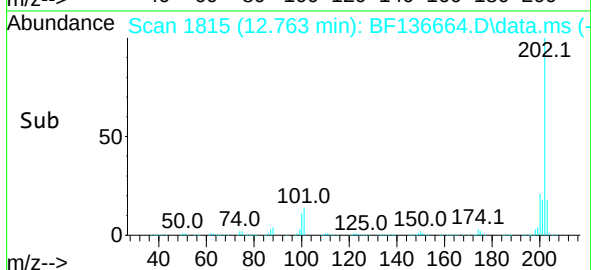
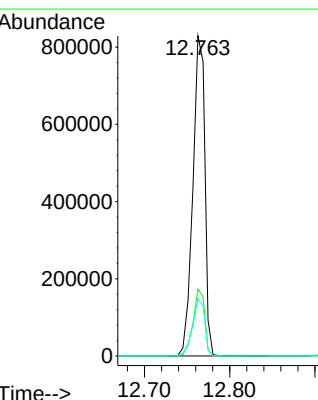
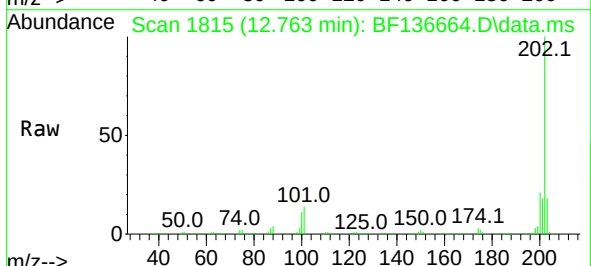
Tgt Ion:202 Resp: 810900

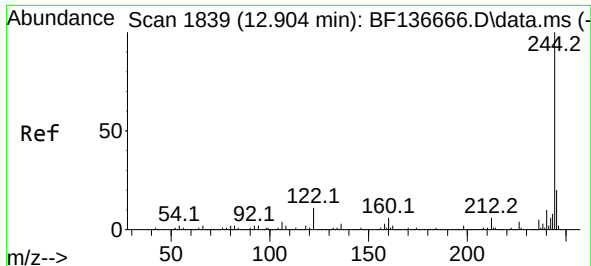
Ion Ratio Lower Upper

202 100

200 20.8 15.9 23.9

203 17.9 13.8 20.6





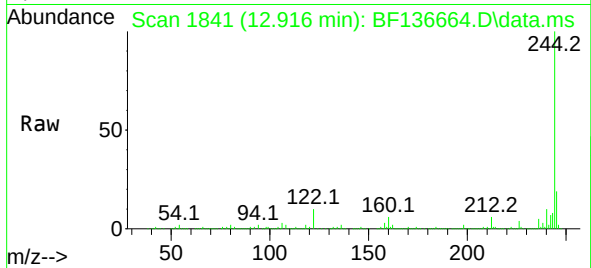
#79
Terphenyl-d14
Concen: 79.336 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS

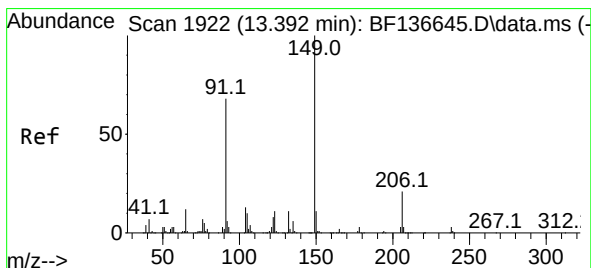
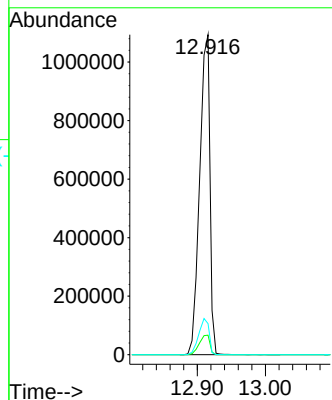
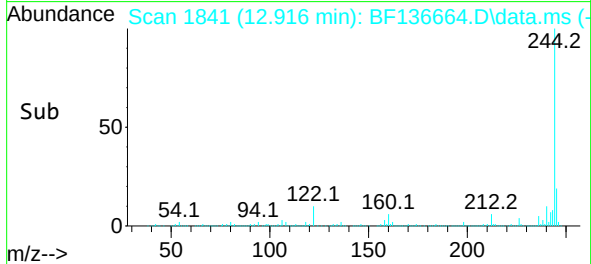


Tgt Ion:244 Resp: 1143438
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 9.7 9.0 13.4

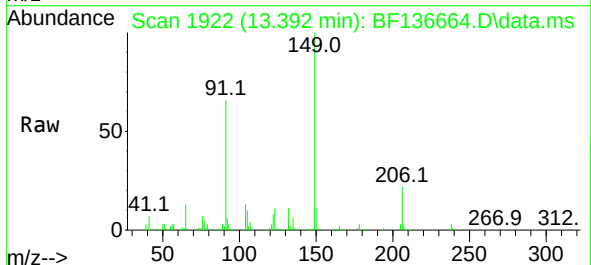
Manual Integrations

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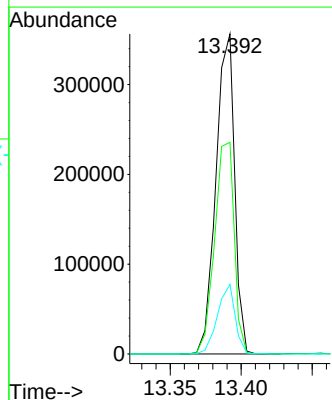
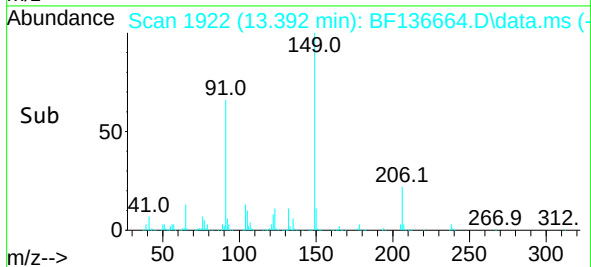
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

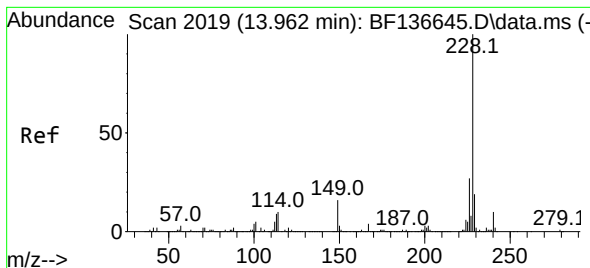


#80
Butylbenzylphthalate
Concen: 45.343 ng
RT: 13.392 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:149 Resp: 326213
Ion Ratio Lower Upper
149 100
91 66.1 54.1 81.1
206 21.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.967 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136664.D

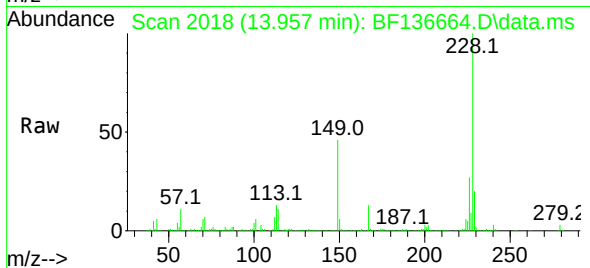
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS



Tgt Ion:228 Resp: 572949

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

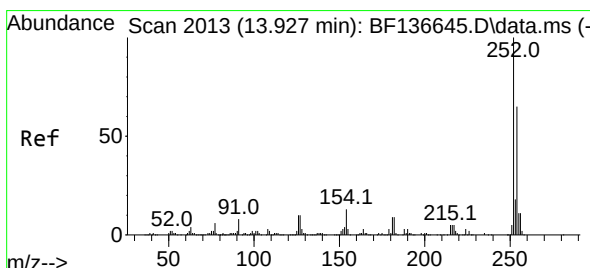
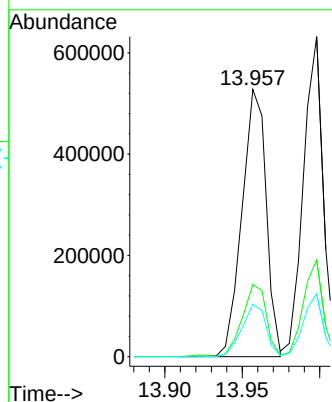
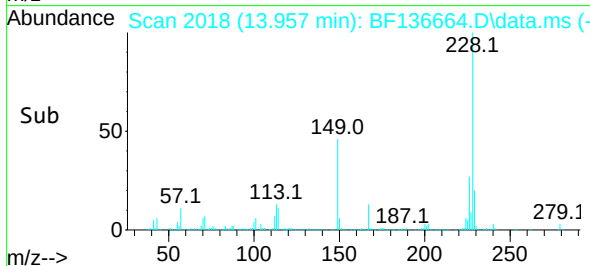
229 19.6 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#82

3,3'-Dichlorobenzidine

Concen: 42.341 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

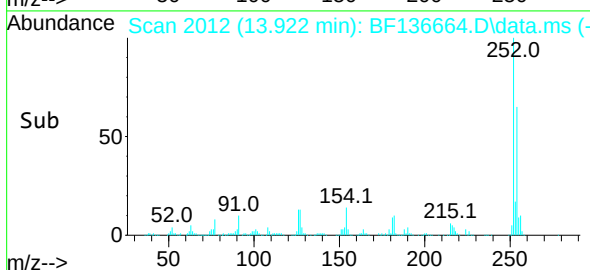
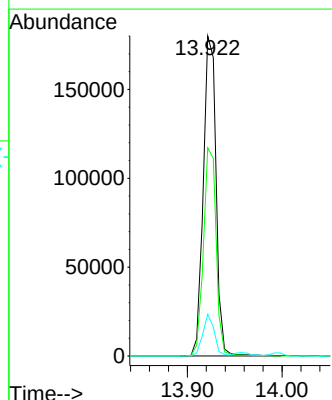
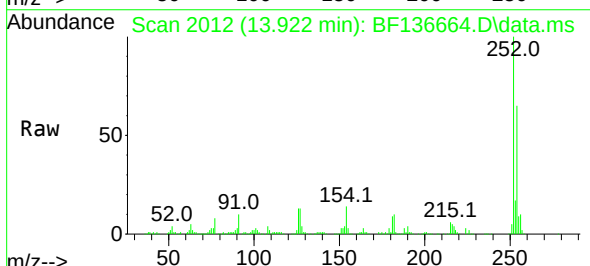
Tgt Ion:252 Resp: 168171

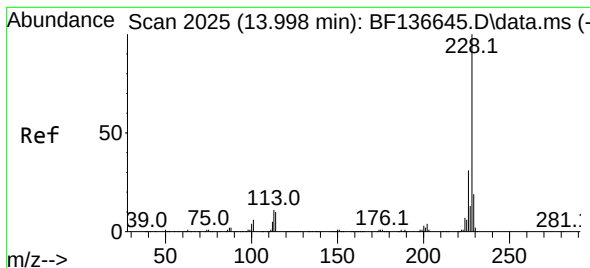
Ion Ratio Lower Upper

252 100

254 65.1 52.2 78.4

126 13.1 8.0 12.0#





#83

Chrysene

Concen: 40.589 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136664.D

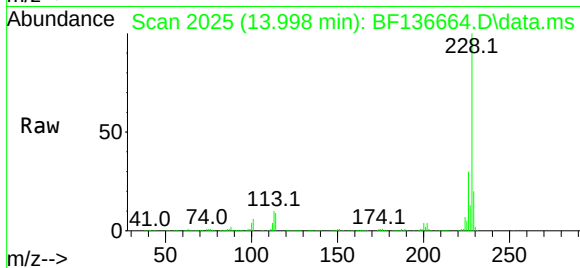
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB157746BS



Tgt Ion:228 Resp: 55511

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

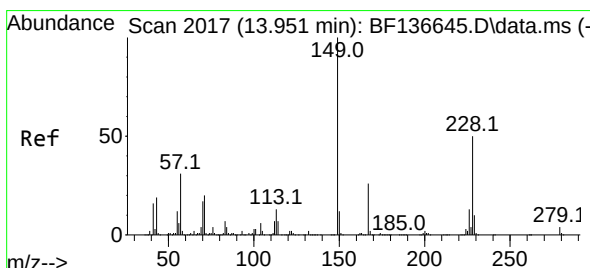
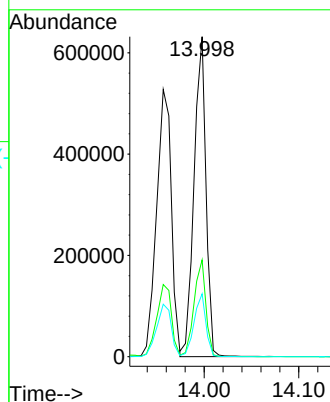
229 19.6 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.522 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136664.D

Acq: 21 Dec 2023 11:34

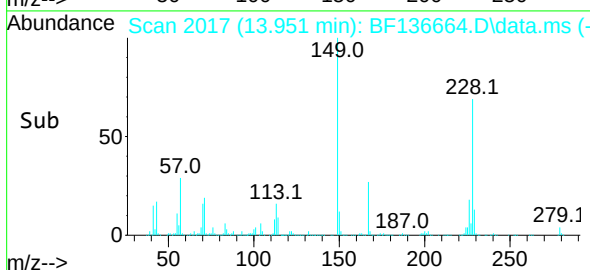
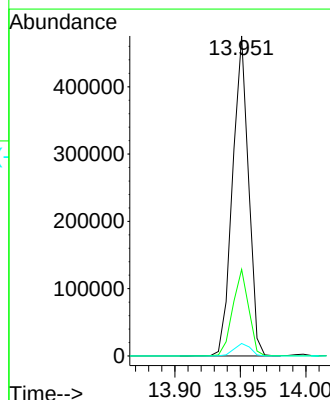
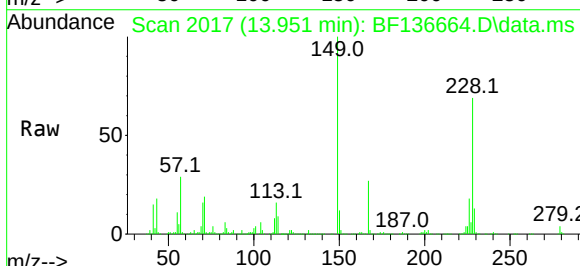
Tgt Ion:149 Resp: 403007

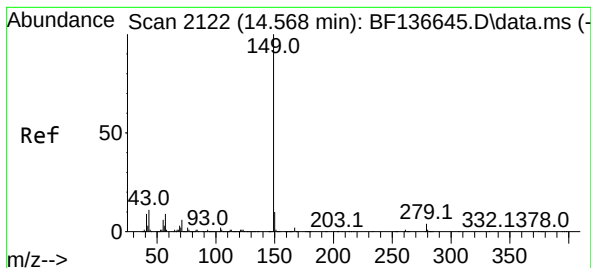
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

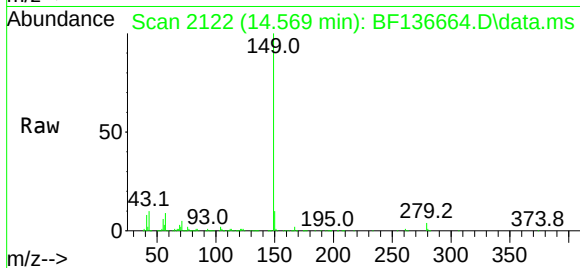
279 3.9 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.071 ng
RT: 14.569 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

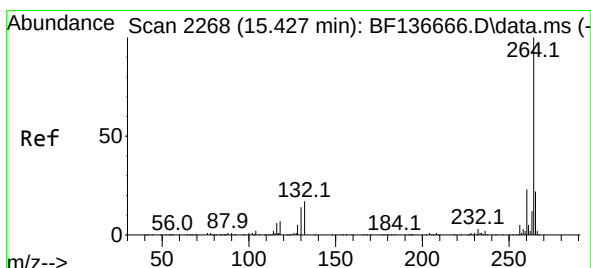
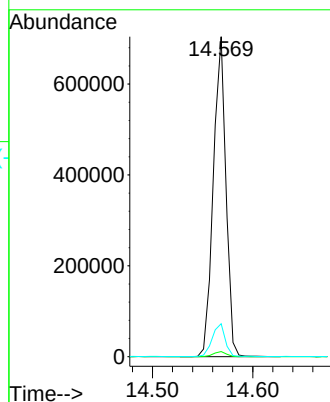
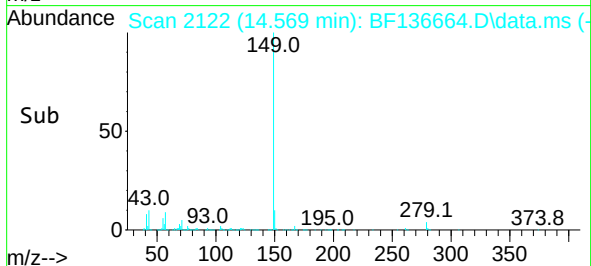
Instrument :
BNA_F
ClientSampleId :
PB157746BS



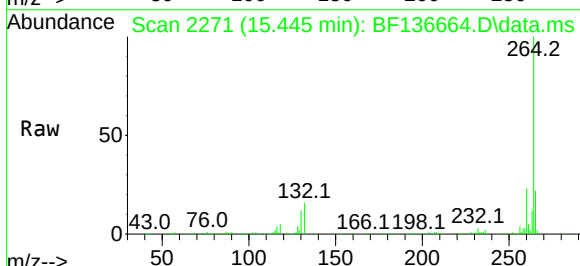
Tgt Ion:149 Resp: 617080
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 8.9 13.3

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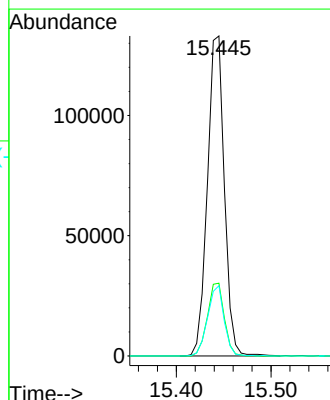
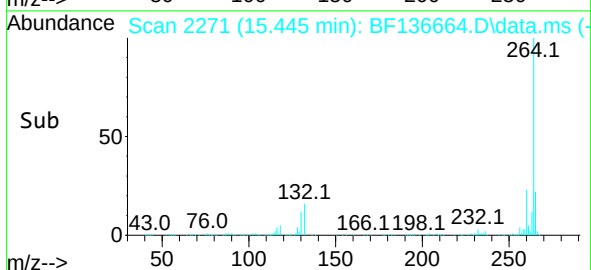
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

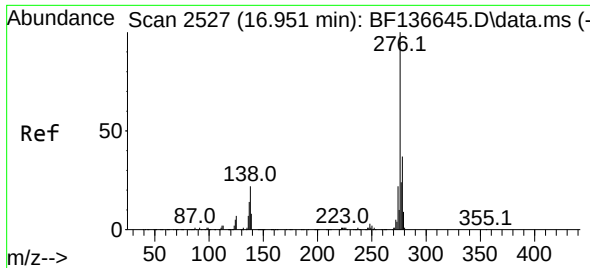


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34



Tgt Ion:264 Resp: 165069
Ion Ratio Lower Upper
264 100
260 22.8 18.3 27.5
265 22.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.842 ng
RT: 16.945 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

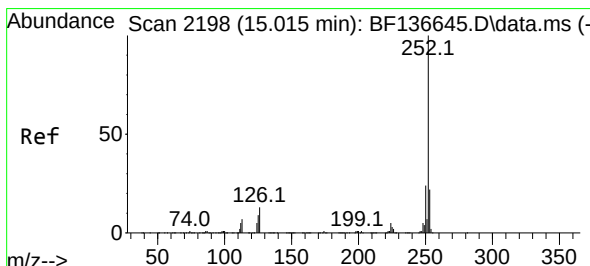
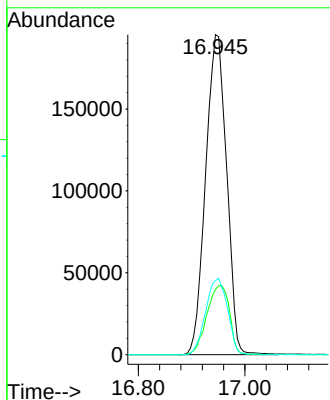
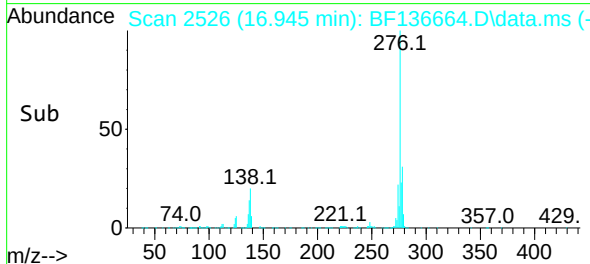
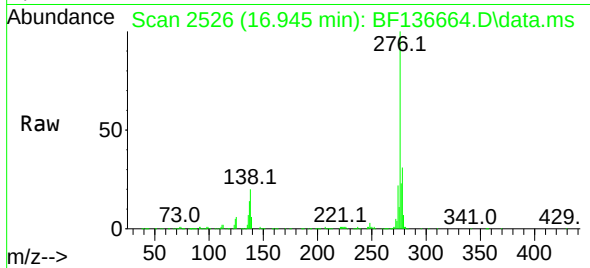
ClientSampleId :

PB157746BS

Tgt Ion:276 Resp: 534438
Ion Ratio Lower Upper
276 100
138 23.3 18.7 28.1
277 24.8 20.2 30.2

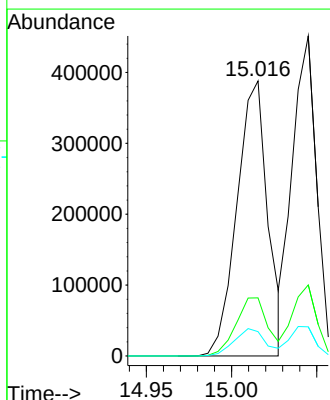
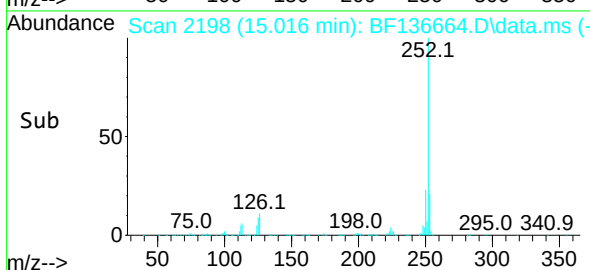
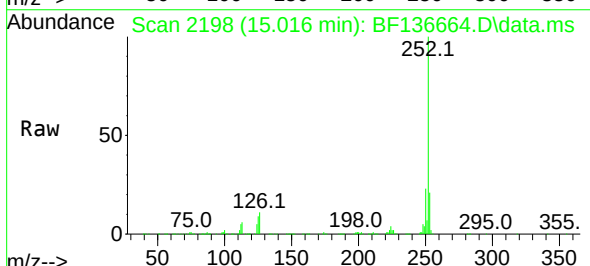
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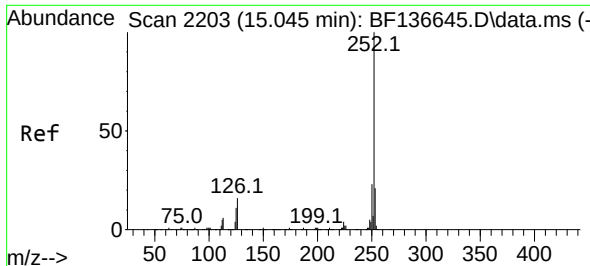
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#88
Benzo(b)fluoranthene
Concen: 44.366 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion:252 Resp: 489140
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 8.9 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 43.384 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

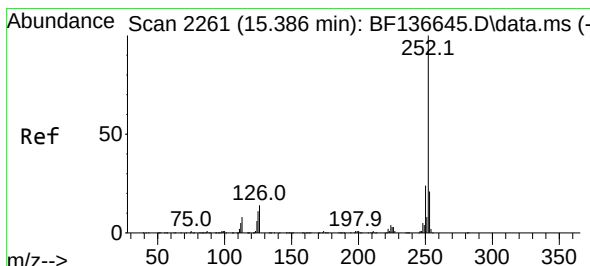
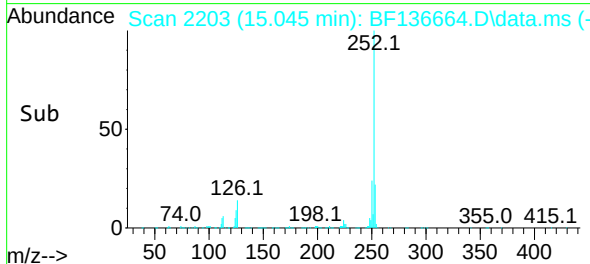
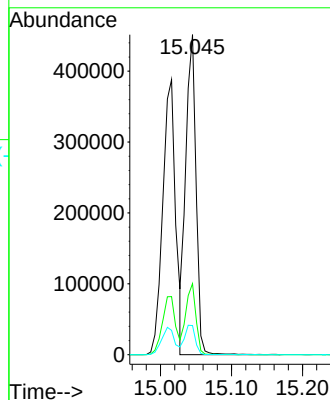
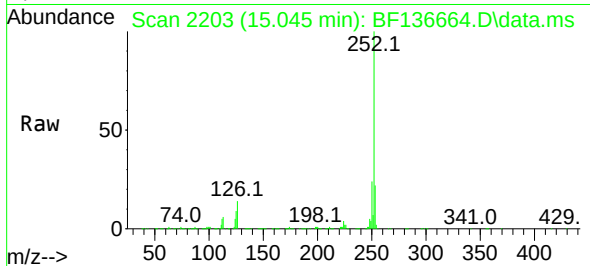
PB157746BS

Tgt Ion:252 Resp: 451962
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.1 8.2 12.4

Manual Integrations

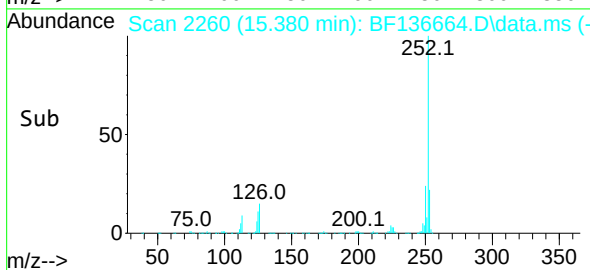
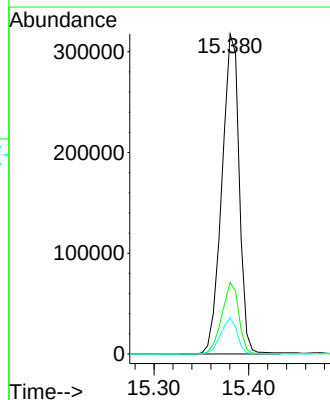
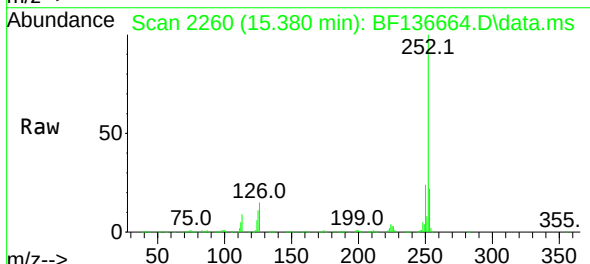
APPROVED

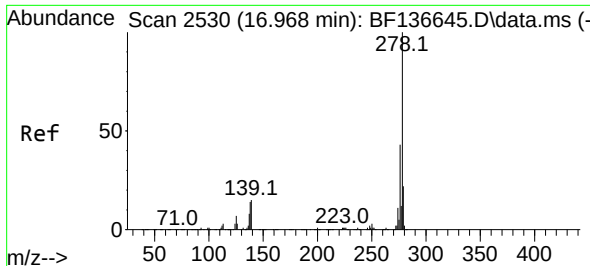
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#90
Benzo(a)pyrene
Concen: 43.492 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion:252 Resp: 404753
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 11.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 45.603 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Instrument :

BNA_F

ClientSampleId :

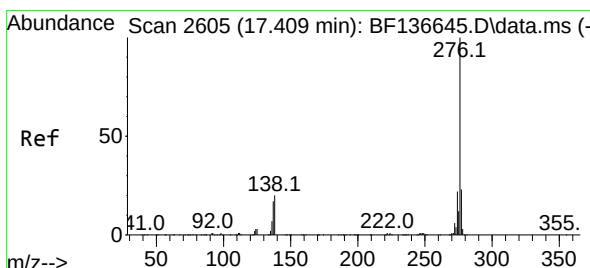
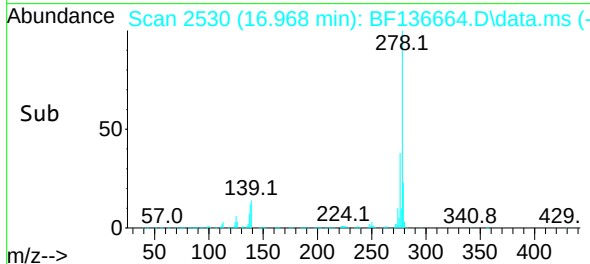
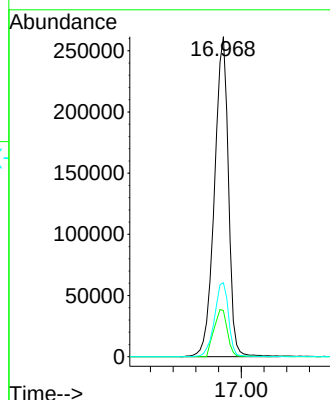
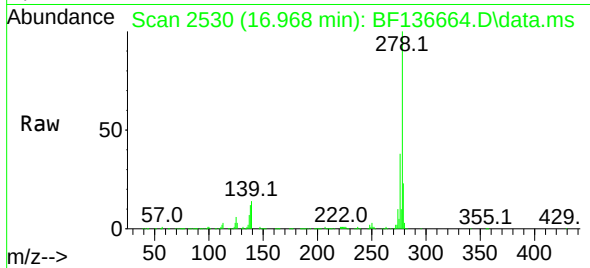
PB157746BS

Tgt Ion:278 Resp: 445890
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 23.1 17.8 26.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#92
Benzo(g,h,i)perylene
Concen: 44.326 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136664.D
Acq: 21 Dec 2023 11:34

Tgt Ion:276 Resp: 443905
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 19.5 15.6 23.4

