

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136684.D
 Acq On : 22 Dec 2023 13:58
 Operator : CG\JU
 Sample : PB157714BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157714BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 14:37:24 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	6.786	152	90830	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	369978	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	186986	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	345000	20.000	ng	0.00
76) Chrysene-d12	13.968	240	174019	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	150095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	680573	116.909	ng	0.01
7) Phenol-d6	6.439	99	839870	111.343	ng	0.00
23) Nitrobenzene-d5	7.351	82	532110	73.595	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	239575	108.790	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1001386	72.029	ng	0.00
79) Terphenyl-d14	12.910	244	985417	79.134	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	72072	29.714	ng	97
3) Pyridine	3.393	79	173081	29.246	ng	100
4) n-Nitrosodimethylamine	3.357	42	129392	40.942	ng	97
6) Aniline	6.451	93	191271	25.362	ng	# 1
8) 2-Chlorophenol	6.575	128	269274	42.269	ng	97
9) Benzaldehyde	6.339	77	67439	15.718	ng	97
10) Phenol	6.451	94	308777	38.346	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	249409	40.729	ng	100
12) 1,3-Dichlorobenzene	6.728	146	262876	37.826	ng	98
13) 1,4-Dichlorobenzene	6.804	146	271356	38.214	ng	98
14) 1,2-Dichlorobenzene	6.951	146	260242	39.386	ng	99
15) Benzyl Alcohol	6.934	79	205704	40.422	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	407832	40.735	ng	98
17) 2-Methylphenol	7.051	107	215753	40.881	ng	96
18) Hexachloroethane	7.292	117	100220	38.863	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	179445	39.244	ng	99
20) 3+4-Methylphenols	7.204	107	259943	39.425	ng	# 73
22) Acetophenone	7.198	105	362325	39.071	ng	99
24) Nitrobenzene	7.369	77	276496	38.175	ng	98
25) Isophorone	7.610	82	497084	37.783	ng	100
26) 2-Nitrophenol	7.681	139	141671	40.883	ng	92
27) 2,4-Dimethylphenol	7.728	122	213183	50.532	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	306911	38.378	ng	99
29) 2,4-Dichlorophenol	7.928	162	210486	38.754	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	228314	37.729	ng	98
31) Naphthalene	8.086	128	771861	37.975	ng	100
32) Benzoic acid	7.875	122	162900	39.907	ng	97
33) 4-Chloroaniline	8.133	127	174536	23.257	ng	98
34) Hexachlorobutadiene	8.198	225	135597	36.880	ng	99
35) Caprolactam	8.522	113	69293m	38.673	ng	
36) 4-Chloro-3-methylphenol	8.633	107	236001	38.597	ng	99
37) 2-Methylnaphthalene	8.775	142	480594	36.740	ng	100
38) 1-Methylnaphthalene	8.875	142	460695	35.898	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	232048	40.071	ng	99
41) Hexachlorocyclopentadiene	8.928	237	169755	91.208	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	147583	39.739	ng	97

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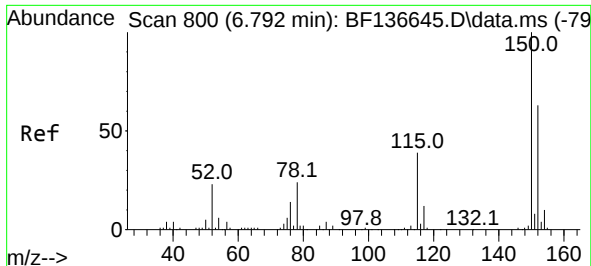
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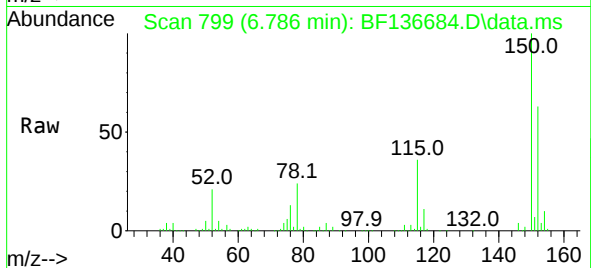
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	161953	39.133	ng	# 94
46) 1,1'-Biphenyl	9.245	154	608622	38.788	ng	100
47) 2-Chloronaphthalene	9.269	162	453995	38.060	ng	99
48) 2-Nitroaniline	9.369	65	151023	40.430	ng	98
49) Acenaphthylene	9.686	152	737017	40.423	ng	99
50) Dimethylphthalate	9.551	163	536141	39.255	ng	99
51) 2,6-Dinitrotoluene	9.616	165	119387	38.516	ng	95
52) Acenaphthene	9.857	154	429165	37.972	ng	99
53) 3-Nitroaniline	9.786	138	102604	31.248	ng	89
54) 2,4-Dinitrophenol	9.898	184	129712	75.716	ng	94
55) Dibenzofuran	10.027	168	656800	38.337	ng	99
56) 4-Nitrophenol	9.963	139	171601	77.417	ng	98
57) 2,4-Dinitrotoluene	10.022	165	151950	37.761	ng	97
58) Fluorene	10.374	166	509880	37.508	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	140046	43.960	ng	97
60) Diethylphthalate	10.251	149	547212	38.615	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	246430	37.295	ng	99
62) 4-Nitroaniline	10.404	138	108919m	34.409	ng	
63) Azobenzene	10.527	77	504940	38.150	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	82724	41.839	ng	90
66) n-Nitrosodiphenylamine	10.486	169	462032	41.226	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	152964	39.923	ng	99
68) Hexachlorobenzene	10.922	284	169581	39.716	ng	99
69) Atrazine	11.022	200	114303	39.876	ng	98
70) Pentachlorophenol	11.121	266	142259	71.479	ng	99
71) Phenanthrene	11.339	178	727728	41.109	ng	99
72) Anthracene	11.392	178	727902	40.602	ng	99
73) Carbazole	11.551	167	663240	39.239	ng	100
74) Di-n-butylphthalate	11.880	149	837670	40.614	ng	99
75) Fluoranthene	12.533	202	713594	37.686	ng	100
77) Benzidine	12.651	184	32175	6.271	ng	98
78) Pyrene	12.763	202	703168	41.162	ng	100
80) Butylbenzylphthalate	13.386	149	268308	43.164	ng	99
81) Benzo(a)anthracene	13.957	228	486643	40.273	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	142952	41.657	ng	97
83) Chrysene	13.992	228	456635	38.644	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	337197	43.115	ng	99
85) Di-n-octyl phthalate	14.562	149	536165	44.320	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	560494	51.720	ng	99
88) Benzo(b)fluoranthene	15.009	252	439796	43.870	ng	99
89) Benzo(k)fluoranthene	15.039	252	427420	45.121	ng	99
90) Benzo(a)pyrene	15.380	252	389091	45.980	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	462494	52.020	ng	96
92) Benzo(g,h,i)perylene	17.403	276	463928	50.948	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF136684.D
 Acq: 22 Dec 2023 13:58

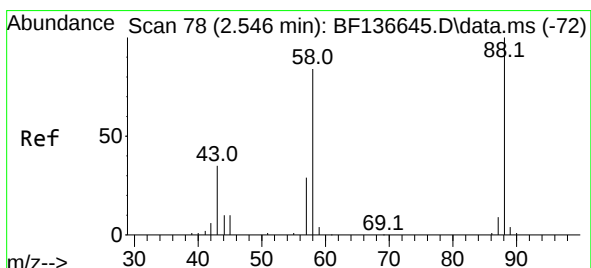
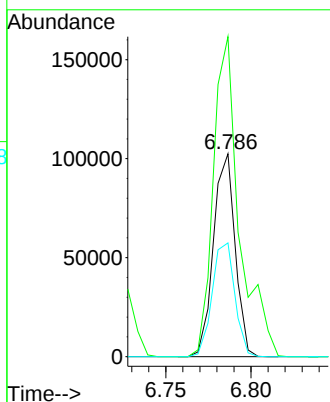
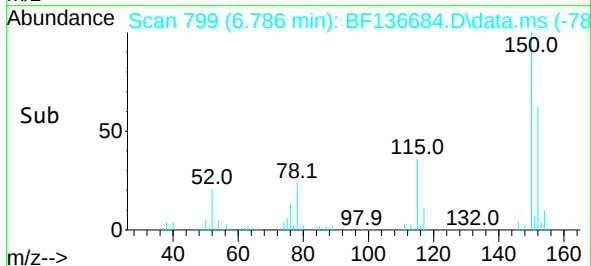
Instrument :
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 ClientSampleId :
 PB157714BS



Tgt Ion:152 Resp: 90830
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.0 190.6
 115 56.1 49.0 73.4

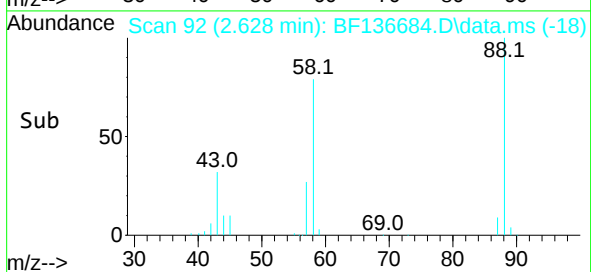
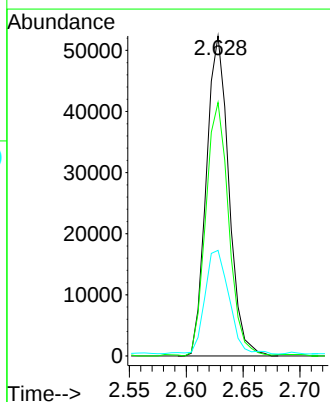
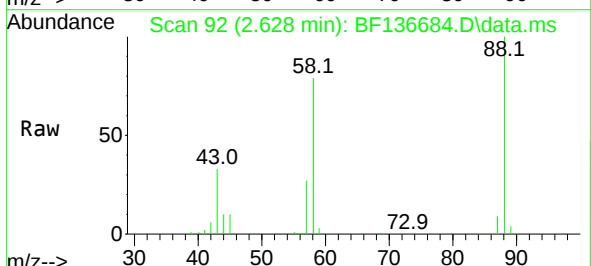
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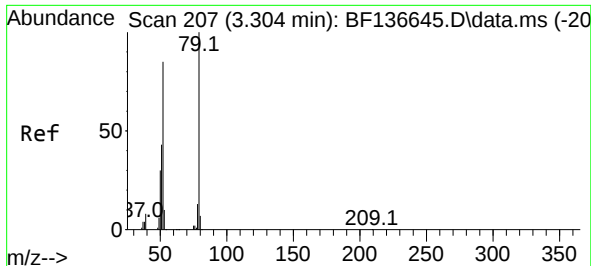
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#2
 1,4-Dioxane
 Concen: 29.714 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.082 min
 Lab File: BF136684.D
 Acq: 22 Dec 2023 13:58

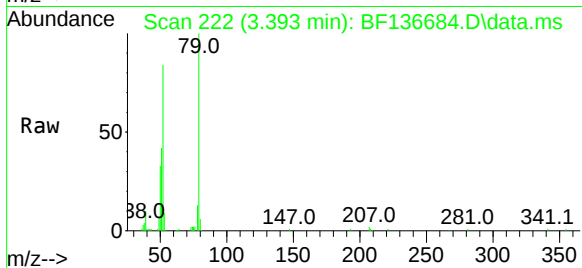
Tgt Ion: 88 Resp: 72072
 Ion Ratio Lower Upper
 88 100
 58 80.8 67.4 101.0
 43 34.9 27.7 41.5





#3
Pyridine
Concen: 29.246 ng
RT: 3.393 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

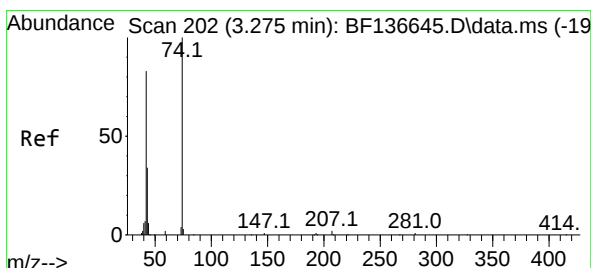
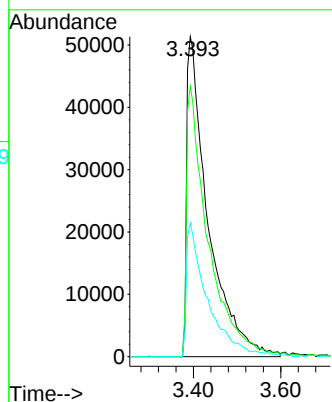
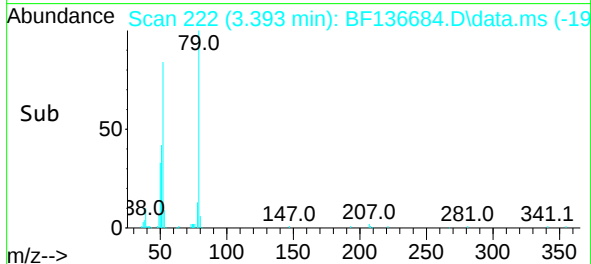
Instrument :
BNA_F
ClientSampleId :
PB157714BS



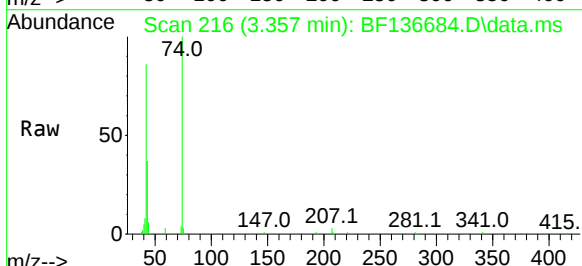
Tgt Ion: 79 Resp: 17308
Ion Ratio Lower Upper
79 100
52 84.4 67.7 101.5
51 41.8 34.0 51.0

Manual Integrations
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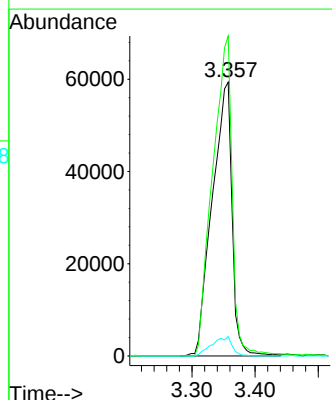
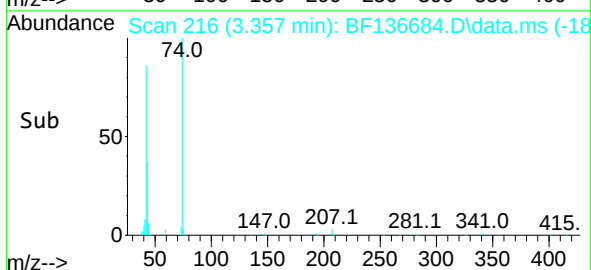
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

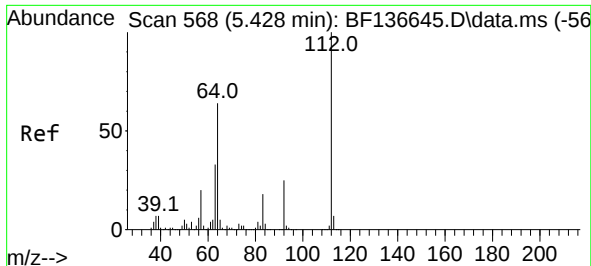


#4
n-Nitrosodimethylamine
Concen: 40.942 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion: 42 Resp: 129392
Ion Ratio Lower Upper
42 100
74 116.9 96.0 144.0
44 7.1 5.4 8.2





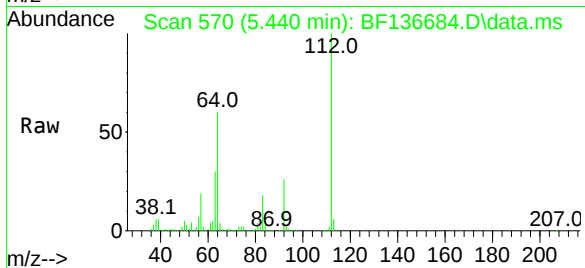
#5
2-Fluorophenol
Concen: 116.909 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

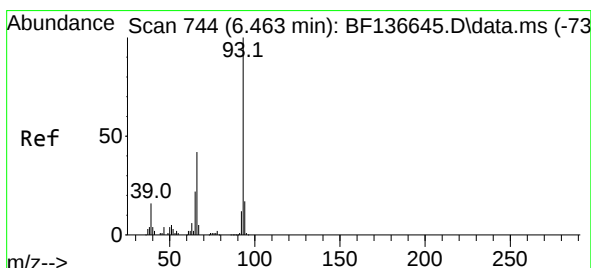
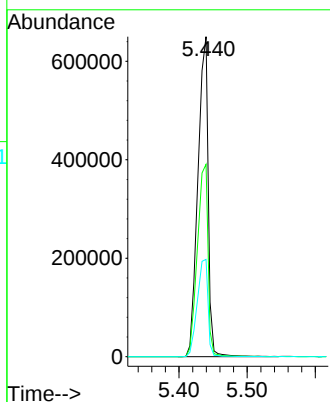
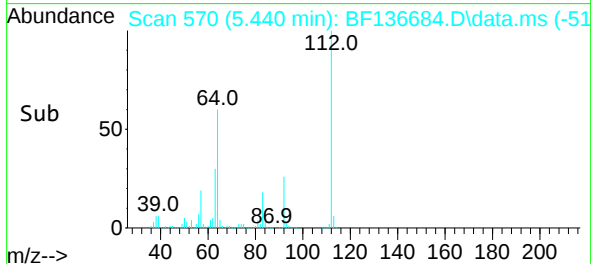
PB157714BS



Tgt Ion:112 Resp: 68057
Ion Ratio Lower Upper
112 100
64 60.1 51.1 76.7
63 30.4 26.1 39.1

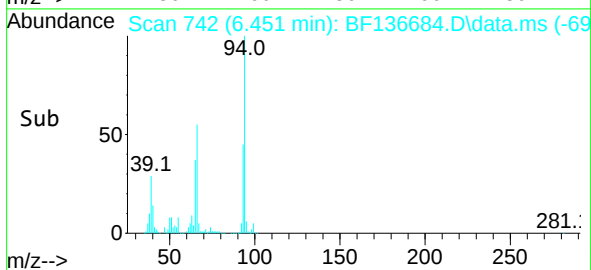
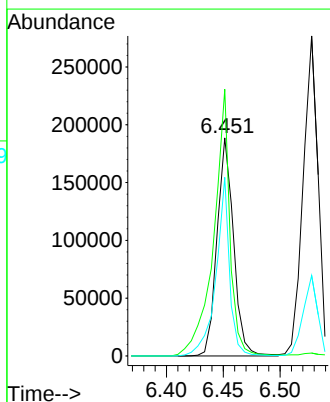
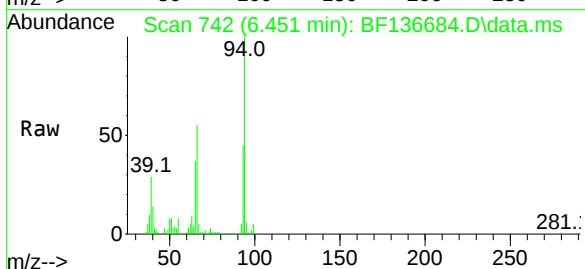
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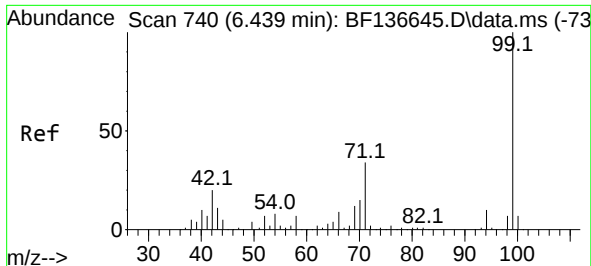
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#6
Aniline
Concen: 25.362 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Tgt Ion: 93 Resp: 191271
Ion Ratio Lower Upper
93 100
66 122.3 34.6 51.8#
65 81.9 17.8 26.8#





#7

Phenol-d6

Concen: 111.343 ng

RT: 6.439 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

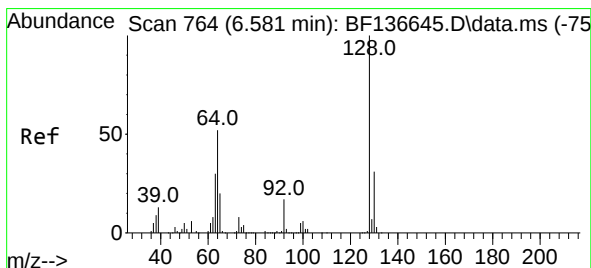
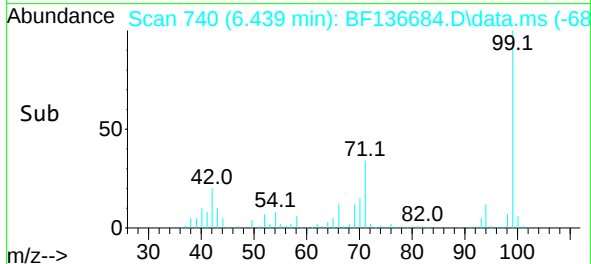
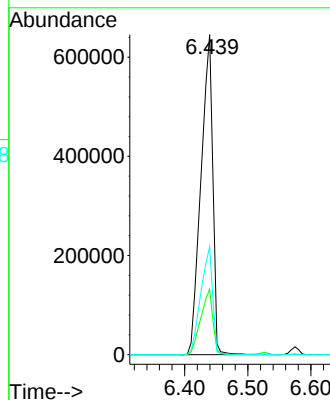
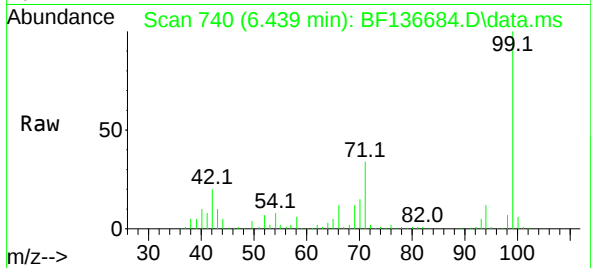
Tgt Ion:	99	Resp:	839870
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.1	24.1
71	33.8	27.4	41.2

Manual Integrations

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Supervised By :mohammad ahmed 12/25/2023



#8

2-Chlorophenol

Concen: 42.269 ng

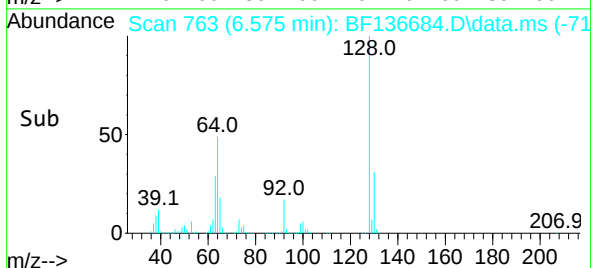
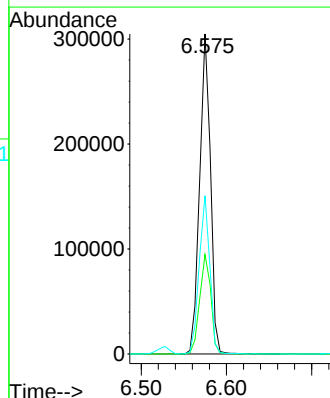
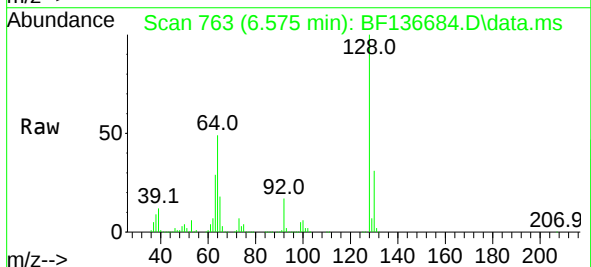
RT: 6.575 min Scan# 763

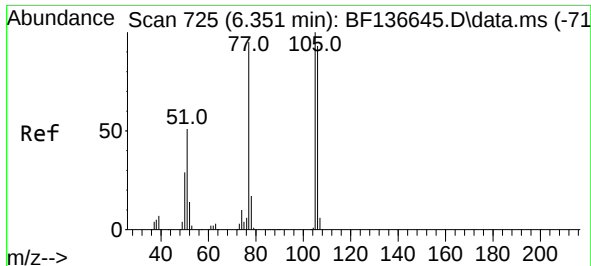
Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Tgt Ion:	128	Resp:	269274
Ion	Ratio	Lower	Upper
128	100		
130	31.1	11.3	51.3
64	49.4	32.5	72.5





#9

Benzaldehyde

Concen: 15.718 ng

RT: 6.339 min Scan# 723

Delta R.T. -0.012 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

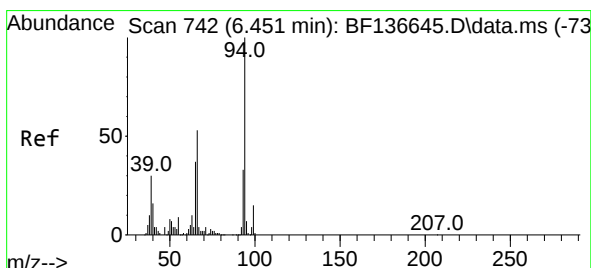
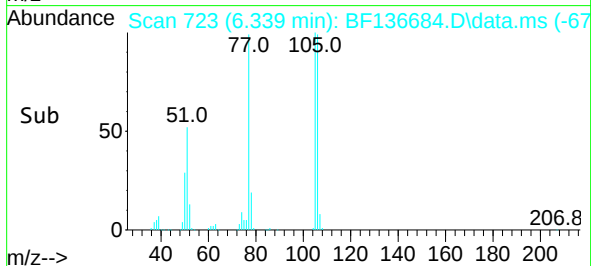
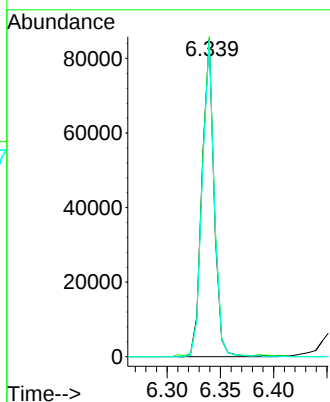
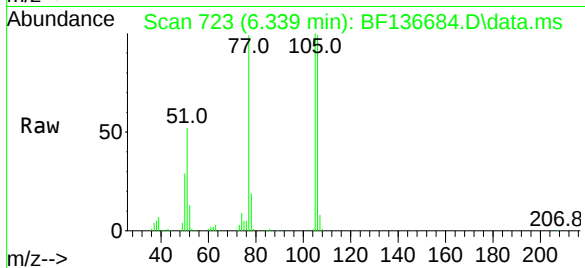
ClientSampleId :

PB157714BS

Tgt Ion: 77	Resp: 67439
Ion Ratio	Lower Upper
77 100	
105 100.9	84.8 124.8
106 99.6	77.8 117.8

Manual Integrations
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#10

Phenol

Concen: 38.346 ng

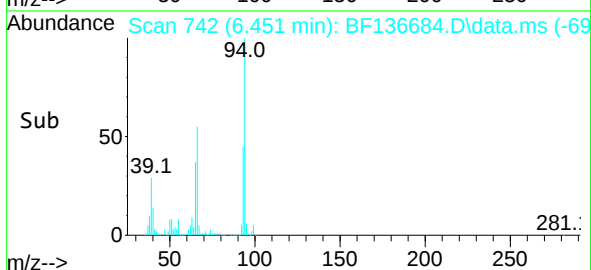
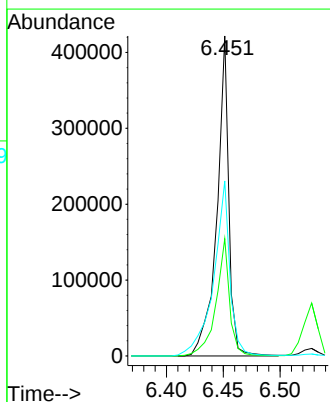
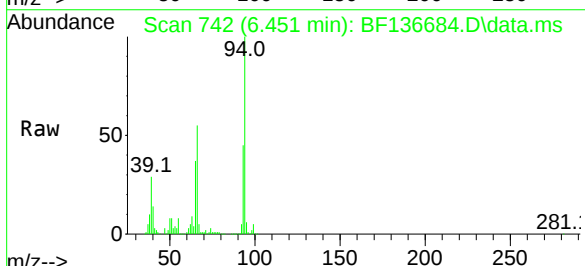
RT: 6.451 min Scan# 742

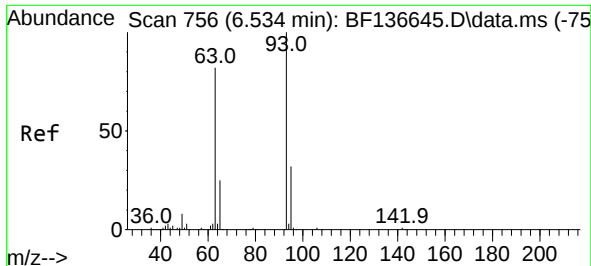
Delta R.T. 0.000 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Tgt Ion: 94	Resp: 308777
Ion Ratio	Lower Upper
94 100	
65 36.7	16.6 56.6
66 54.7	32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 40.729 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

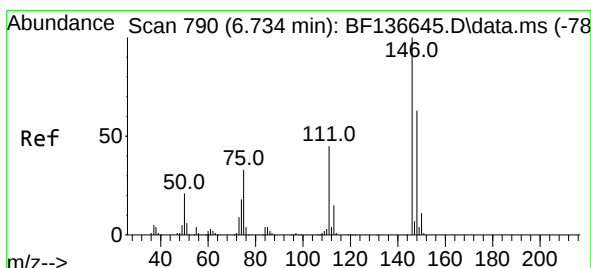
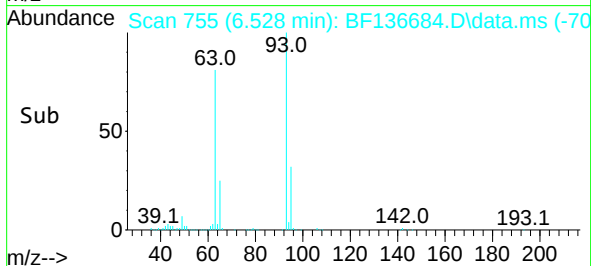
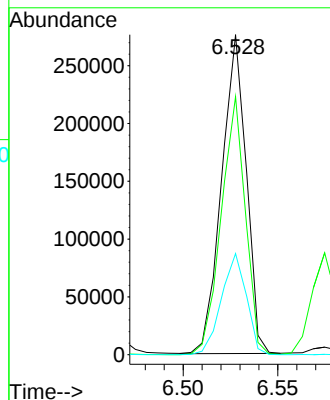
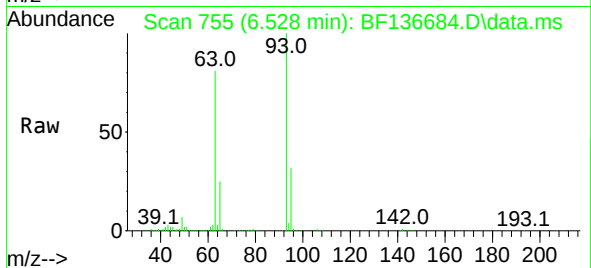
PB157714BS

Tgt Ion: 93 Resp: 249409

Ion	Ratio	Lower	Upper
93	100		
63	80.6	61.2	101.2
95	31.6	11.6	51.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#12

1,3-Dichlorobenzene

Concen: 37.826 ng

RT: 6.728 min Scan# 789

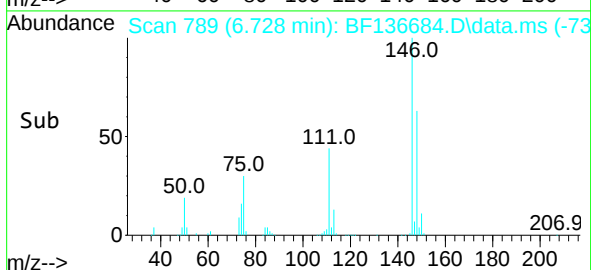
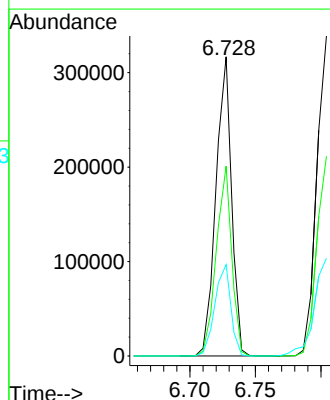
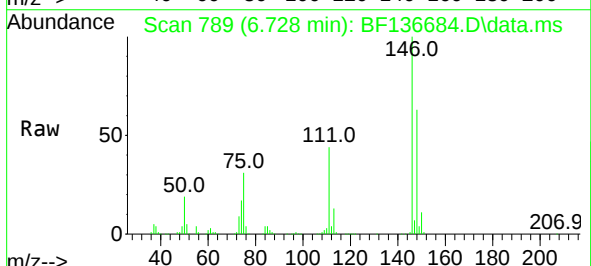
Delta R.T. -0.006 min

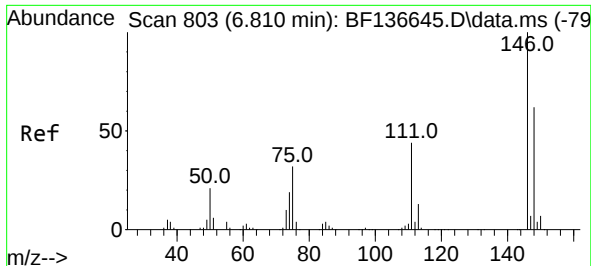
Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Tgt Ion:146 Resp: 262876

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
75	30.5	26.2	39.4





#13

1,4-Dichlorobenzene

Concen: 38.214 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

Tgt Ion:146 Resp: 271350

Ion Ratio Lower Upper

146 100

148 62.4 49.2 73.8

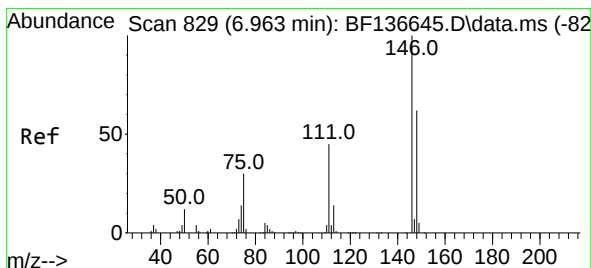
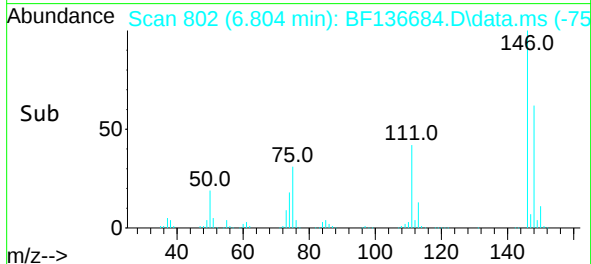
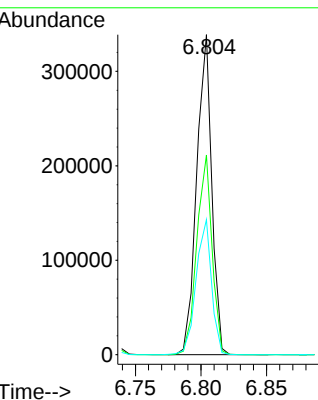
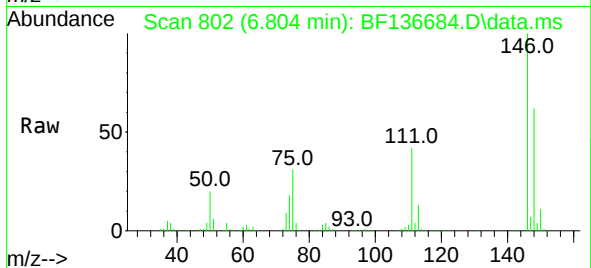
111 42.2 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#14

1,2-Dichlorobenzene

Concen: 39.386 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

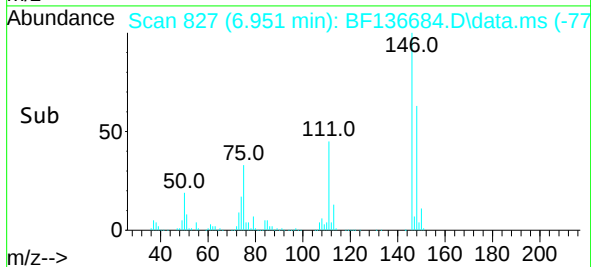
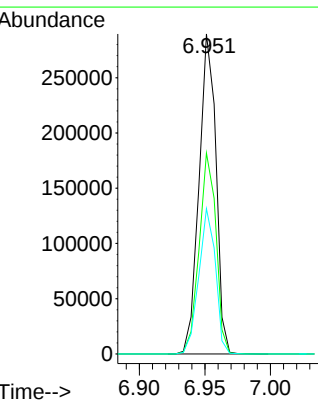
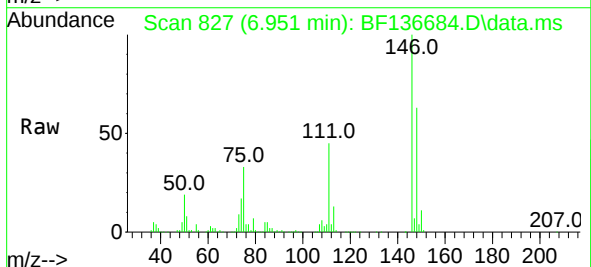
Tgt Ion:146 Resp: 260242

Ion Ratio Lower Upper

146 100

148 62.8 49.6 74.4

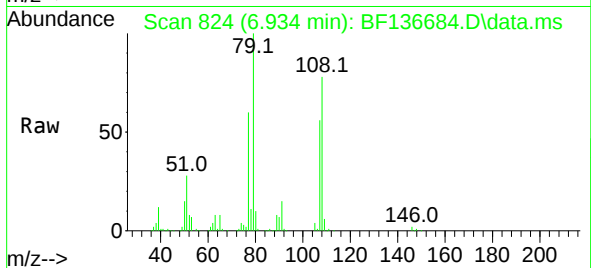
111 45.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 40.422 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

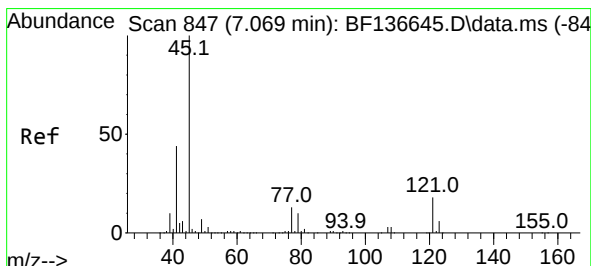
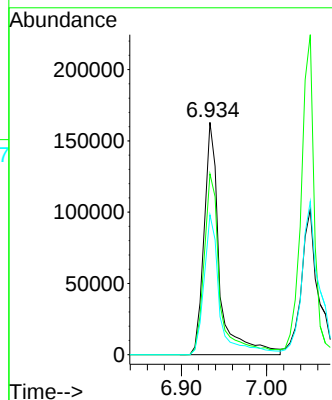
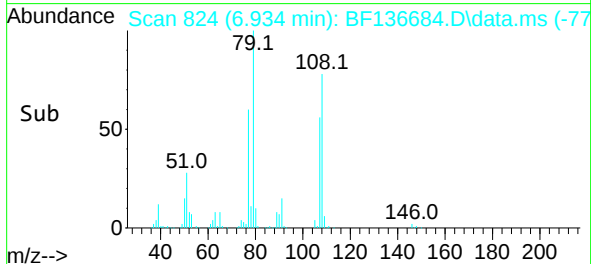
Instrument :
BNA_F
ClientSampleId :
PB157714BS



Tgt Ion: 79 Resp: 205704
Ion Ratio Lower Upper
79 100
108 77.8 61.0 91.6
77 60.2 49.8 74.8

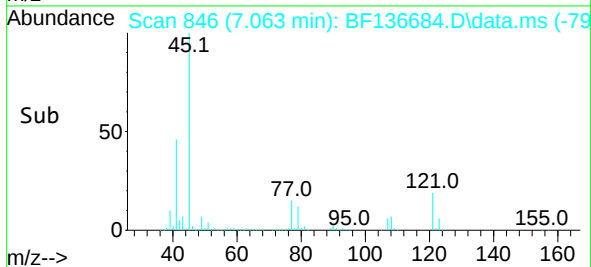
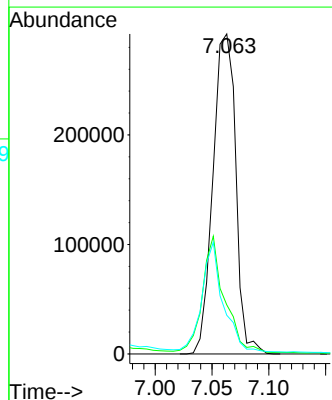
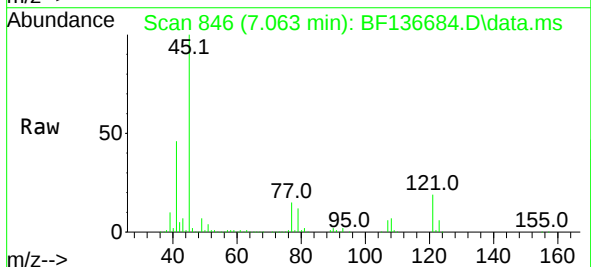
Manual Integrations
APPROVED

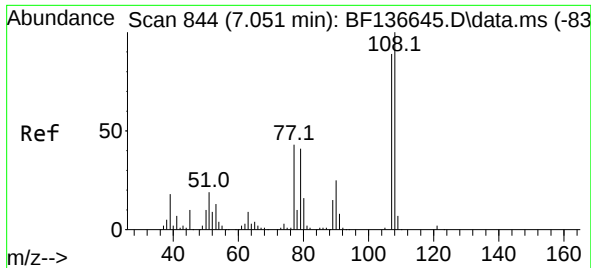
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.735 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

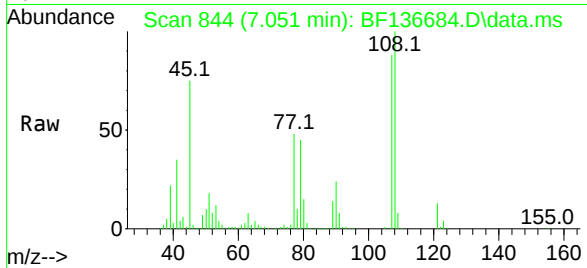
Tgt Ion: 45 Resp: 407832
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.3
79 12.1 0.0 31.4





#17
2-Methylphenol
Concen: 40.881 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

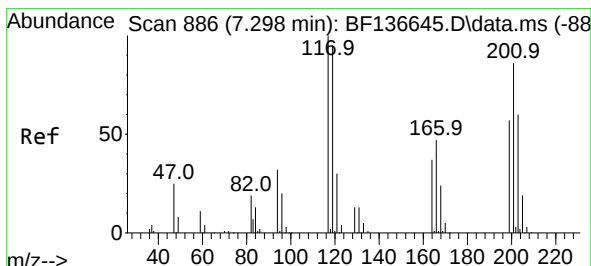
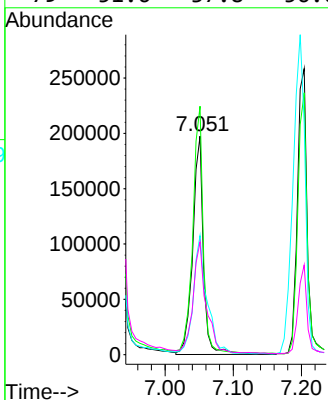
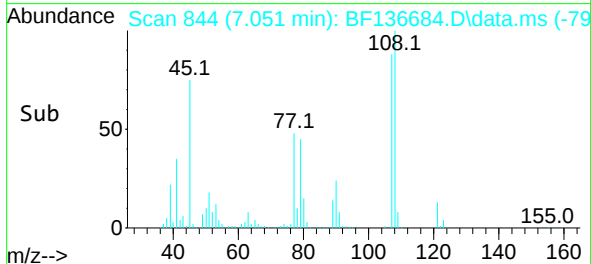
Instrument :
BNA_F
ClientSampleId :
PB157714BS



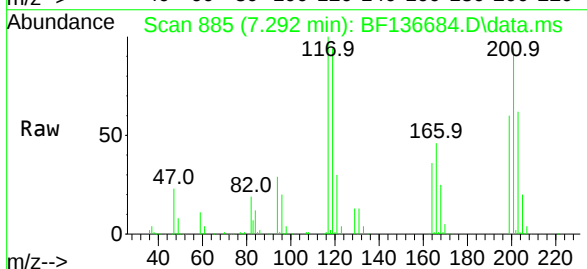
Tgt Ion:107 Resp: 21575
Ion Ratio Lower Upper
107 100
108 113.6 90.3 135.5
77 54.4 38.7 58.1
79 51.6 37.8 56.6

Manual Integrations
APPROVED

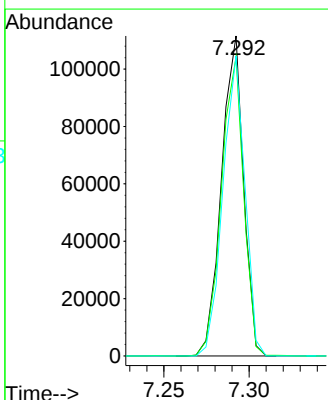
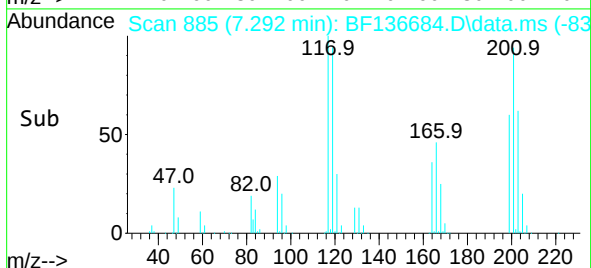
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

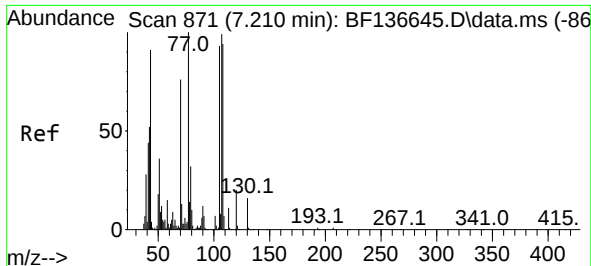


#18
Hexachloroethane
Concen: 38.863 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



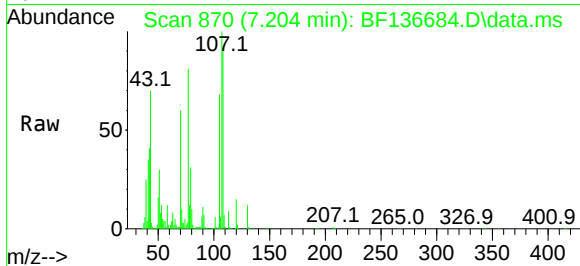
Tgt Ion:117 Resp: 100220
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.6
201 93.8 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.244 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

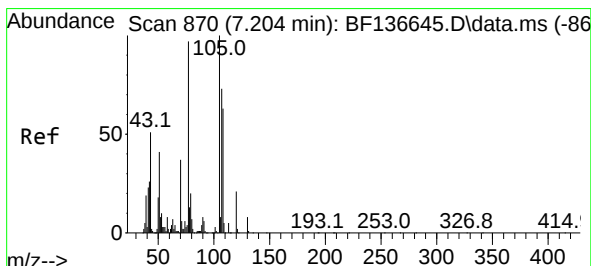
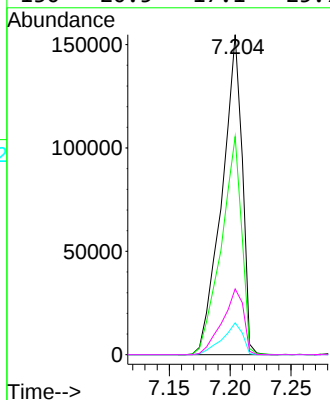
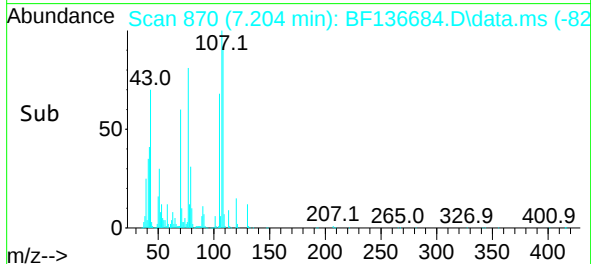
Instrument :
BNA_F
ClientSampleId :
PB157714BS



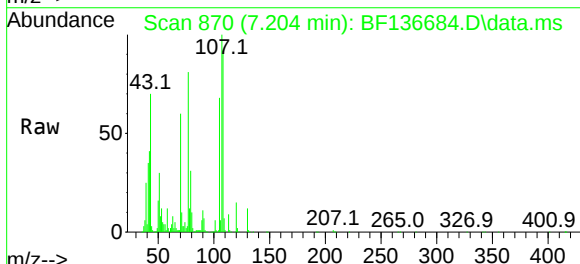
Tgt Ion: 70 Resp: 17944
Ion Ratio Lower Upper
70 100
42 68.2 54.2 81.4
101 9.9 7.6 11.4
130 20.5 17.1 25.7

Manual Integrations
APPROVED

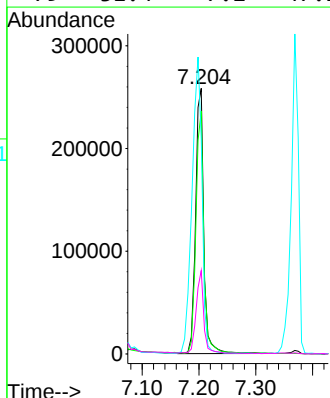
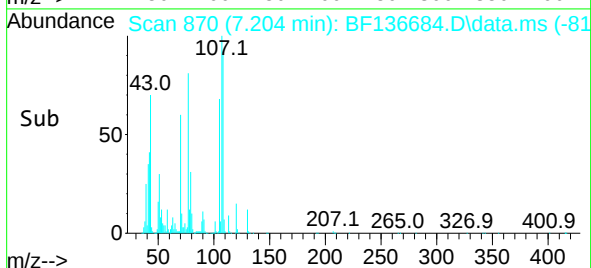
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#20
3+4-Methylphenols
Concen: 39.425 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:107 Resp: 259943
Ion Ratio Lower Upper
107 100
108 91.5 66.0 106.0
77 80.9 114.2 154.2#
79 31.4 7.2 47.2





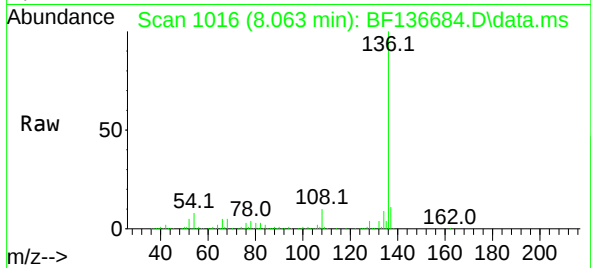
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

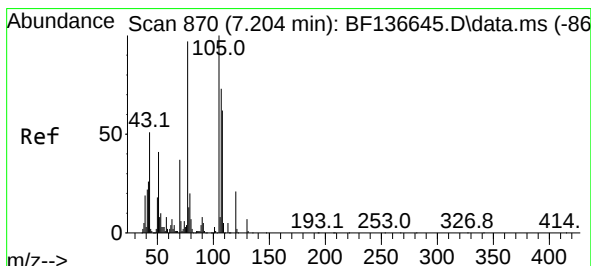
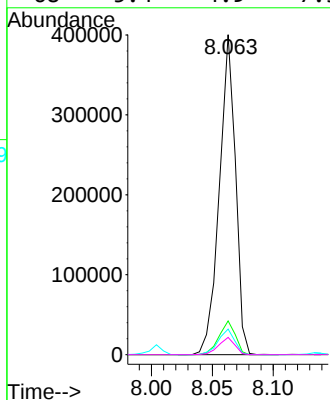
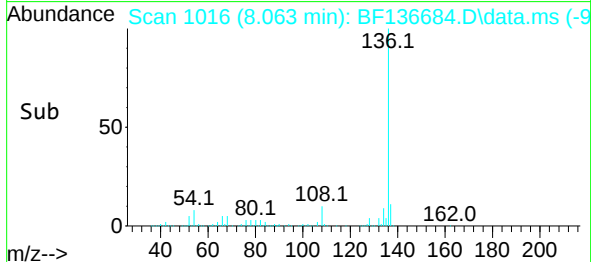


Tgt Ion:136 Resp: 369978
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.0 7.2 10.8
68 5.4 4.9 7.3

Manual Integrations

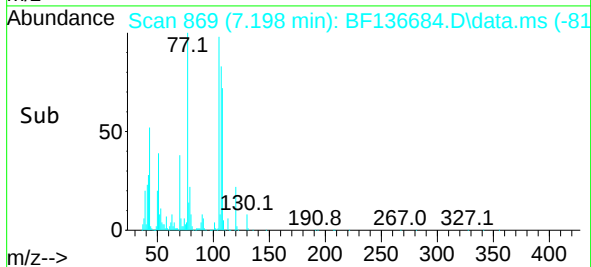
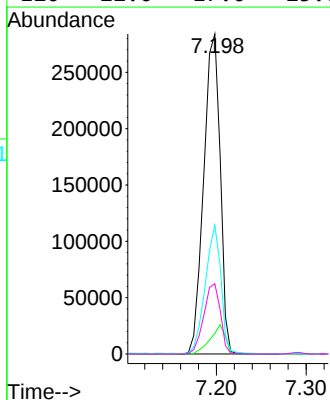
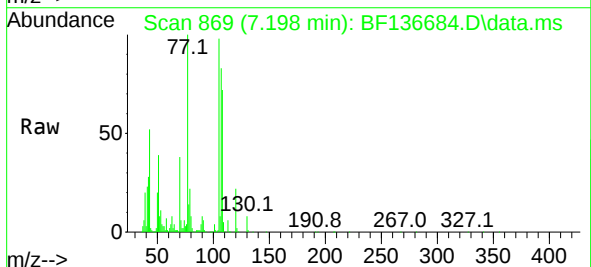
APPROVED

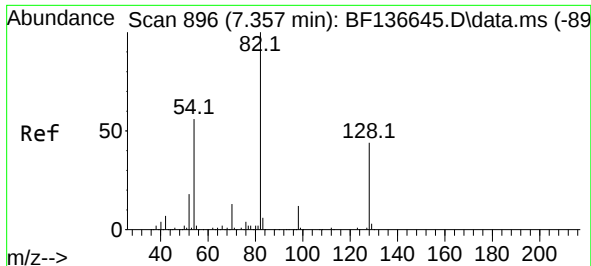
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#22
Acetophenone
Concen: 39.071 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Tgt Ion:105 Resp: 362325
Ion Ratio Lower Upper
105 100
71 6.5 4.8 7.2
51 40.2 32.8 49.2
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.595 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

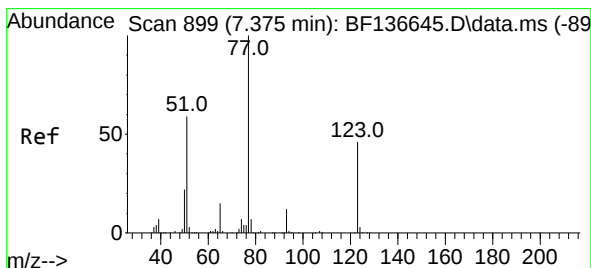
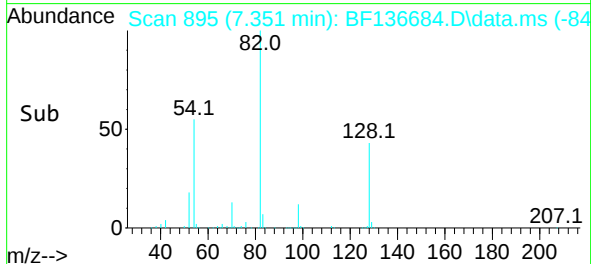
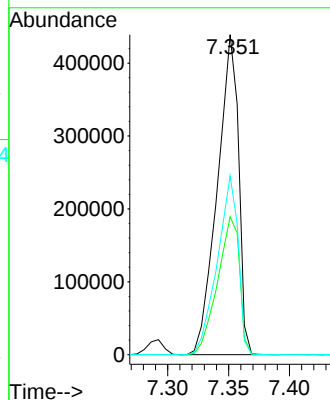
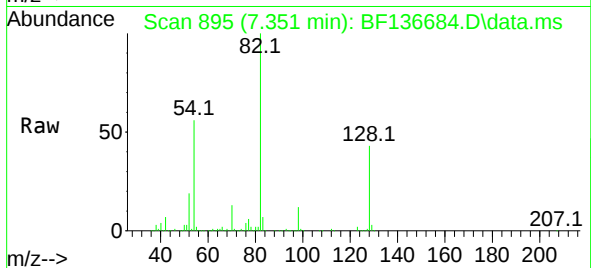
PB157714BS

Tgt Ion: 82 Resp: 532110
 Ion Ratio Lower Upper
 82 100
 128 43.1 35.3 52.9
 54 55.9 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#24

Nitrobenzene

Concen: 38.175 ng

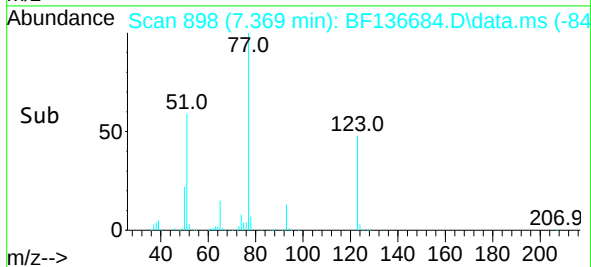
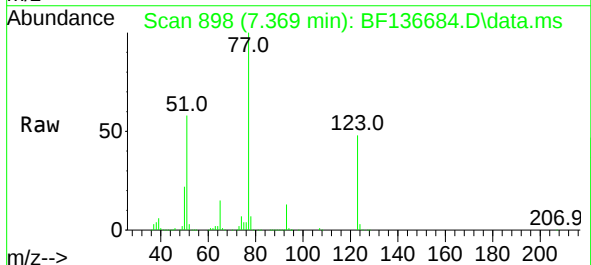
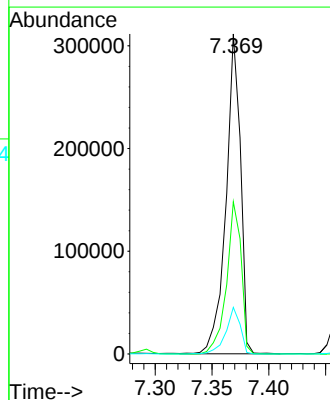
RT: 7.369 min Scan# 898

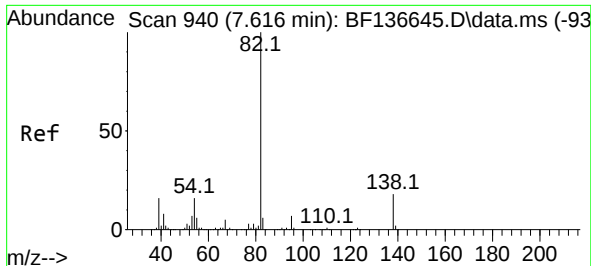
Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

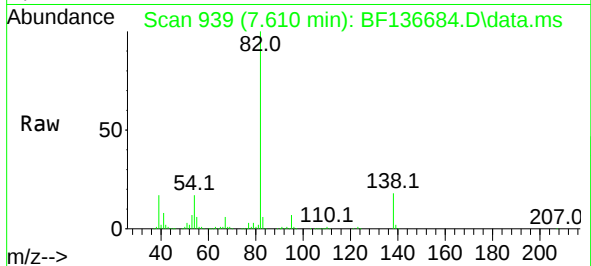
Tgt Ion: 77 Resp: 276496
 Ion Ratio Lower Upper
 77 100
 123 47.6 36.7 55.1
 65 14.5 11.8 17.6





#25
Isophorone
Concen: 37.783 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

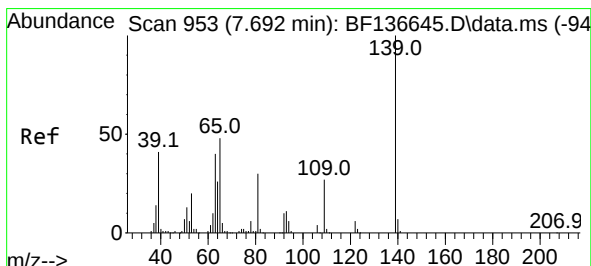
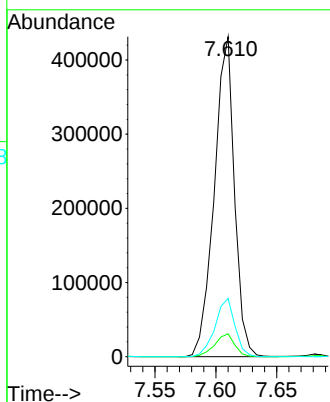
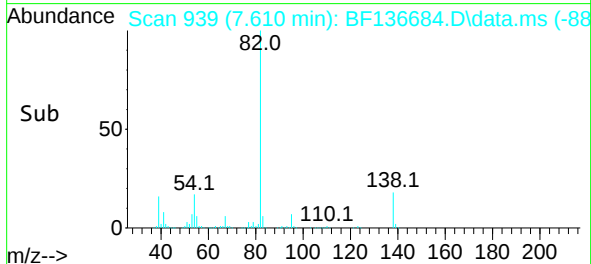
Instrument :
BNA_F
ClientSampleId :
PB157714BS



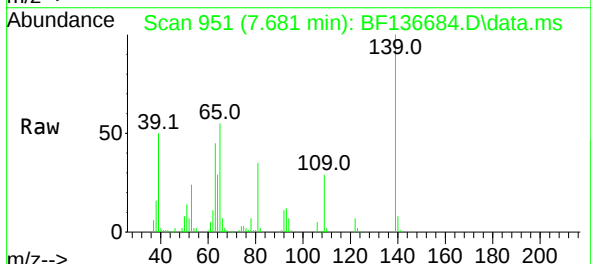
Tgt Ion: 82 Resp: 497084
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.2 14.5 21.7

Manual Integrations
APPROVED

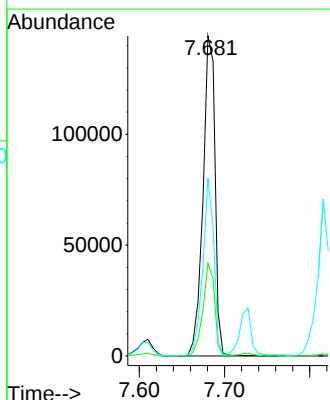
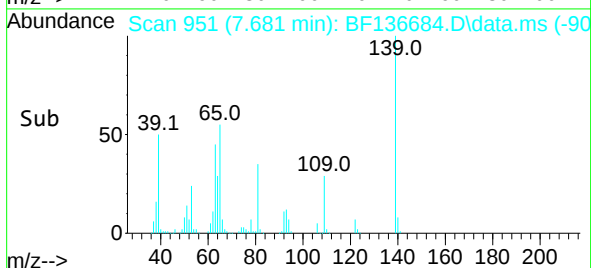
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

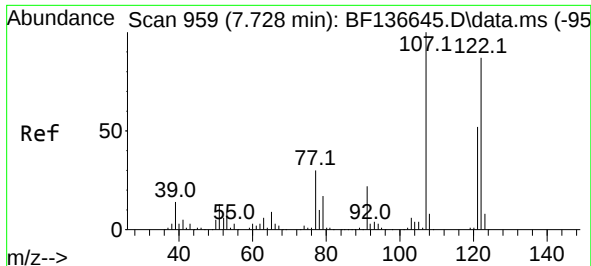


#26
2-Nitrophenol
Concen: 40.883 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:139 Resp: 141671
Ion Ratio Lower Upper
139 100
109 28.9 21.9 32.9
65 55.5 38.6 58.0





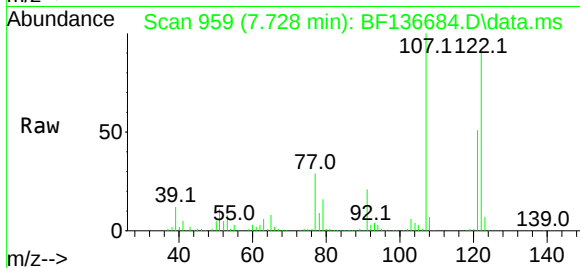
#27
2,4-Dimethylphenol
Concen: 50.532 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

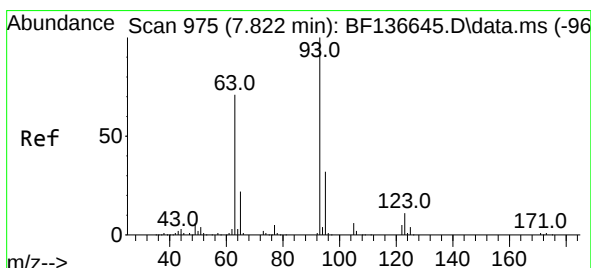
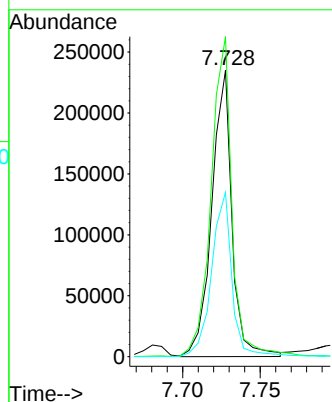
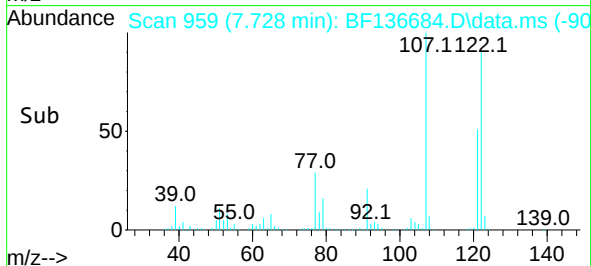


Tgt Ion:122 Resp: 21318
Ion Ratio Lower Upper
122 100
107 111.7 92.0 138.0
121 57.3 47.5 71.3

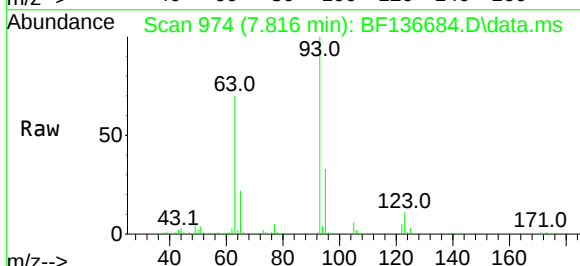
Manual Integrations

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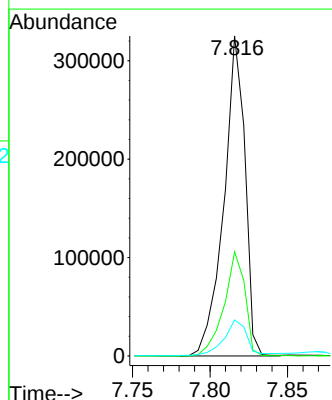
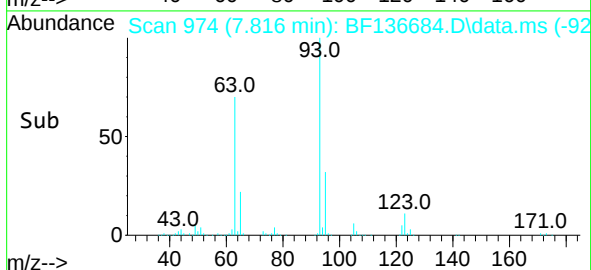
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.378 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion: 93 Resp: 306911
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.754 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136684.D

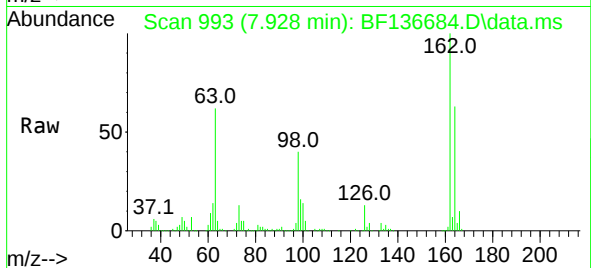
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

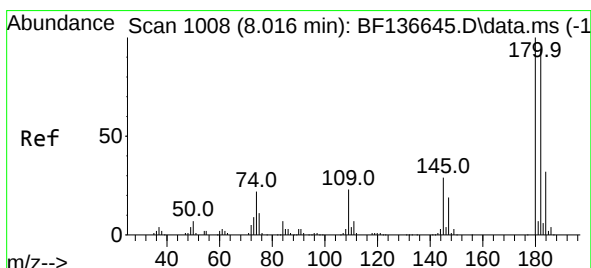
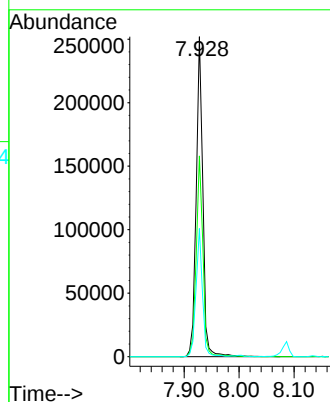
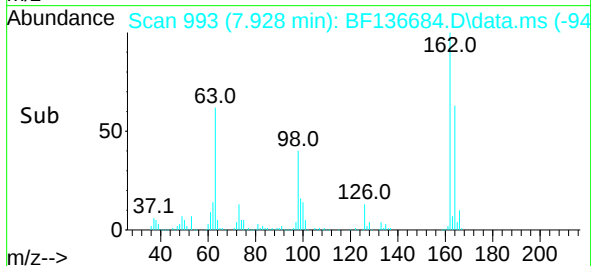


Tgt Ion:162 Resp: 210480

Ion	Ratio	Lower	Upper
162	100		
164	62.8	41.7	81.7
98	40.0	19.5	59.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.729 ng

RT: 8.004 min Scan# 1006

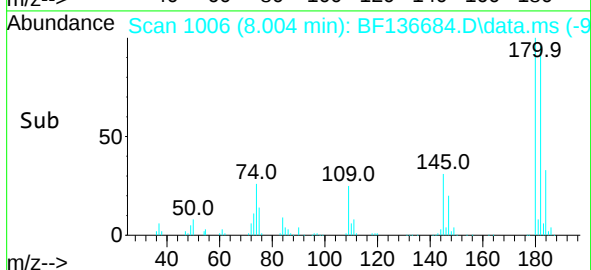
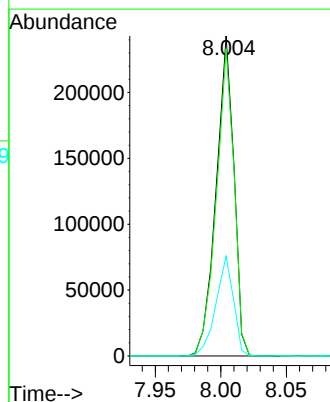
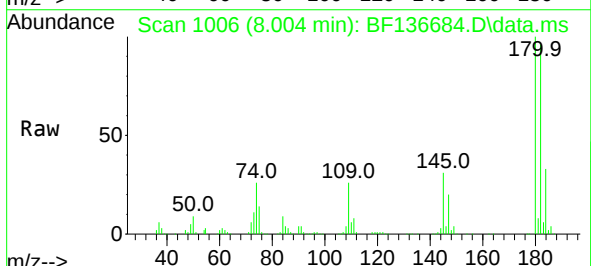
Delta R.T. -0.012 min

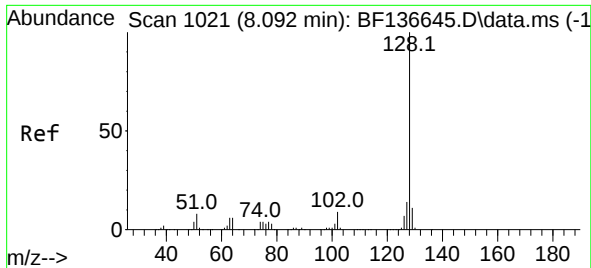
Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Tgt Ion:180 Resp: 228314

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.4	113.0
145	31.2	23.1	34.7





#31
Naphthalene
Concen: 37.975 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

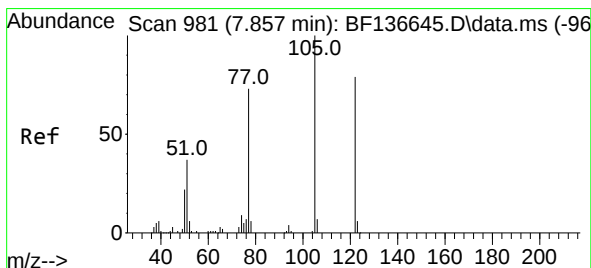
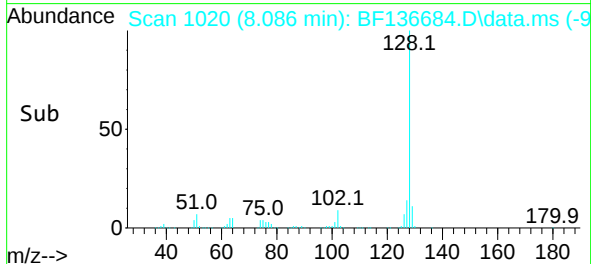
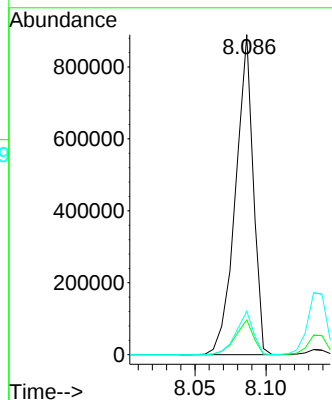
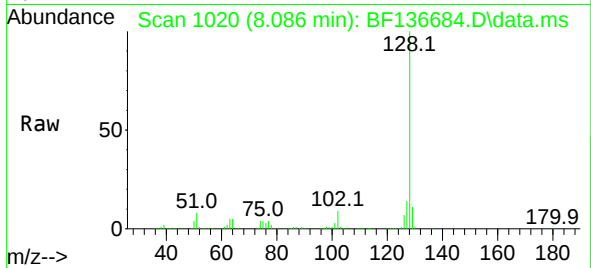
ClientSampleId :

PB157714BS

Tgt Ion:128 Resp: 77186
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2

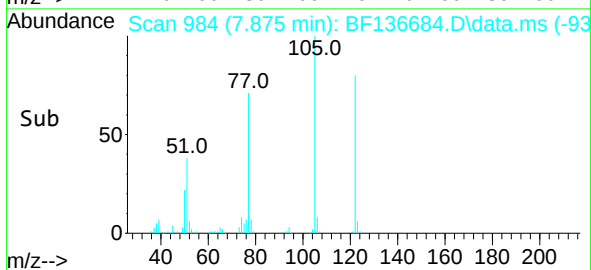
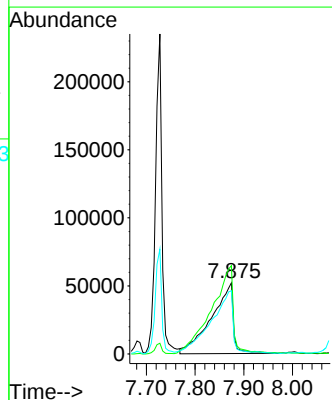
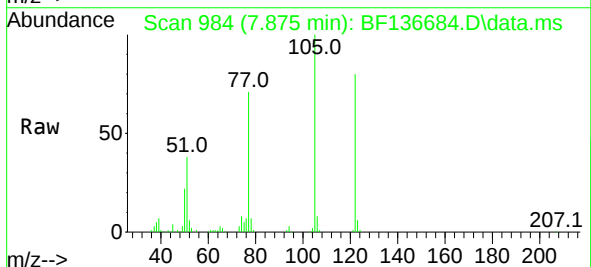
Manual Integrations
APPROVED

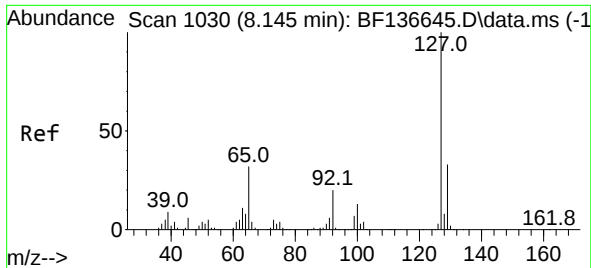
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#32
Benzoic acid
Concen: 39.907 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Tgt Ion:122 Resp: 162900
Ion Ratio Lower Upper
122 100
105 124.3 100.8 140.8
77 88.9 70.9 110.9





#33
4-Chloroaniline
Concen: 23.257 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

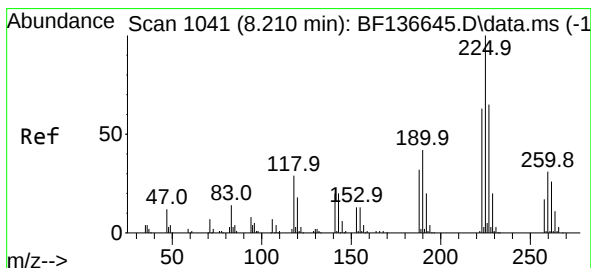
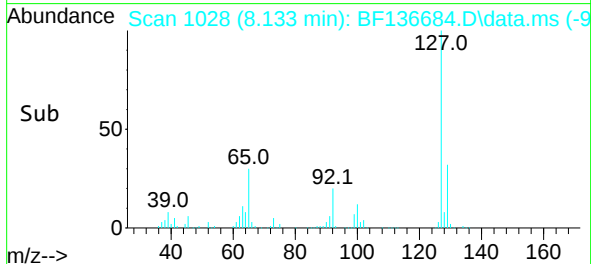
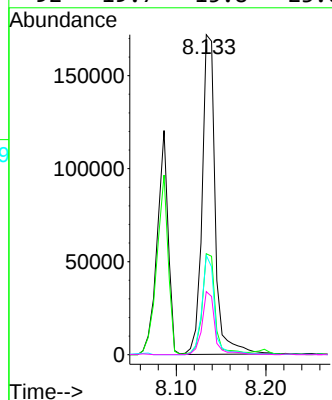
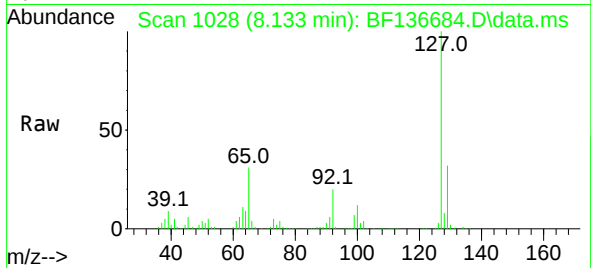
ClientSampleId :

PB157714BS

Tgt Ion:127 Resp: 174530
Ion Ratio Lower Upper
127 100
129 31.6 26.3 39.5
65 31.0 25.8 38.8
92 19.7 15.8 23.6

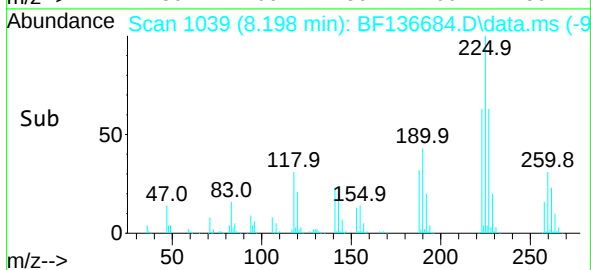
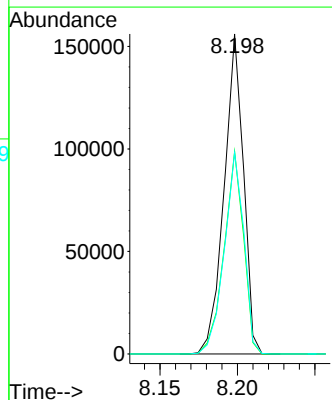
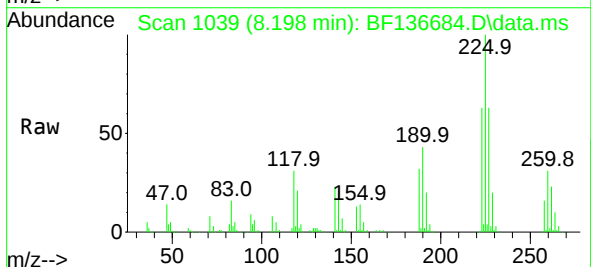
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#34
Hexachlorobutadiene
Concen: 36.880 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

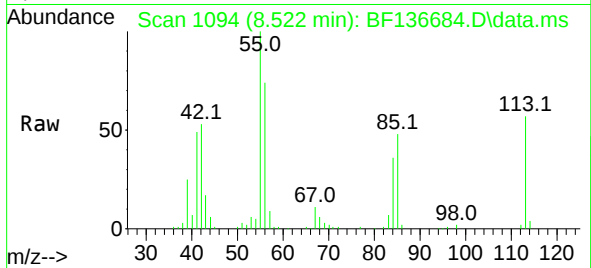
Tgt Ion:225 Resp: 135597
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 63.0 51.9 77.9





#35
 Caprolactam
 Concen: 38.673 ng m
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136684.D
 Acq: 22 Dec 2023 13:58

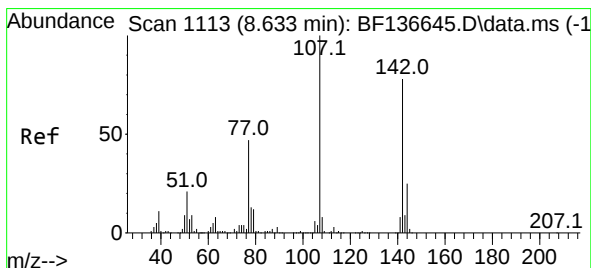
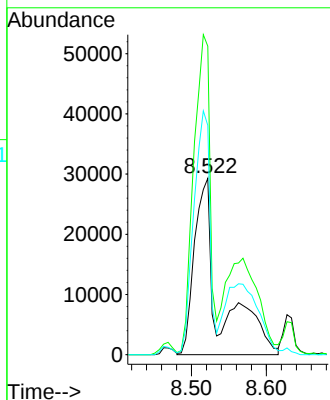
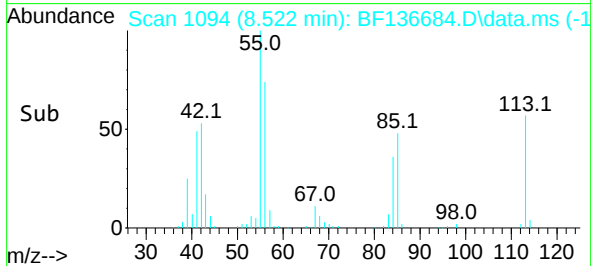
Instrument :
 BNA_F
 ClientSampleId :
 PB157714BS



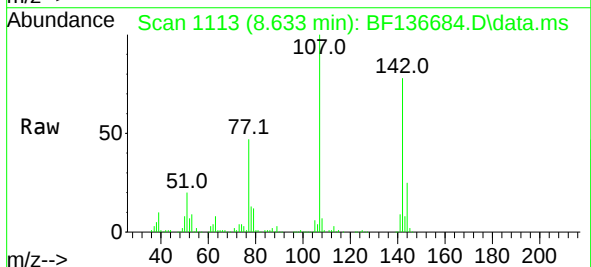
Tgt Ion:113 Resp: 6929
 Ion Ratio Lower Upper
 113 100
 55 174.9 163.1 203.1
 56 129.9 121.7 161.7

Manual Integrations
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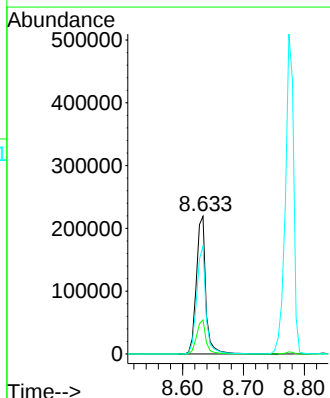
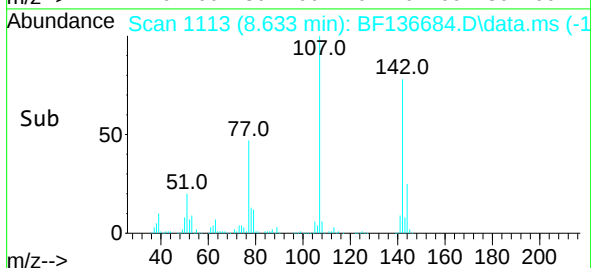
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

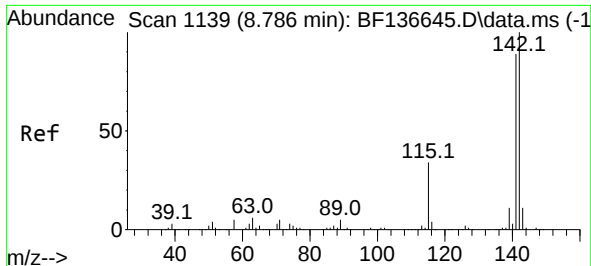


#36
 4-Chloro-3-methylphenol
 Concen: 38.597 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136684.D
 Acq: 22 Dec 2023 13:58



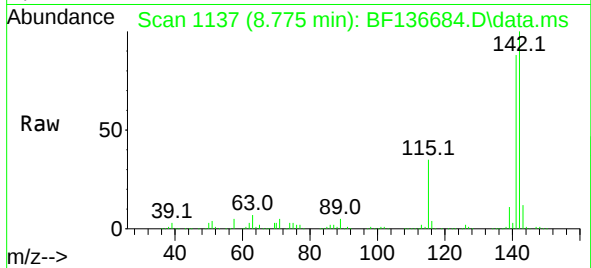
Tgt Ion:107 Resp: 236001
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.2 30.2
 142 78.4 62.3 93.5





#37
2-Methylnaphthalene
Concen: 36.740 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

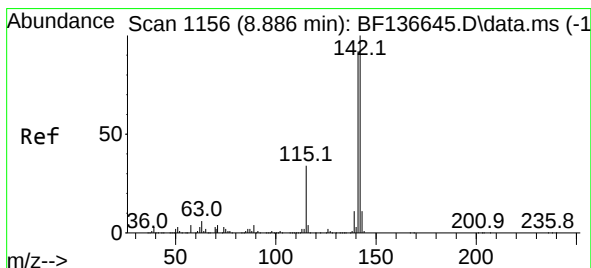
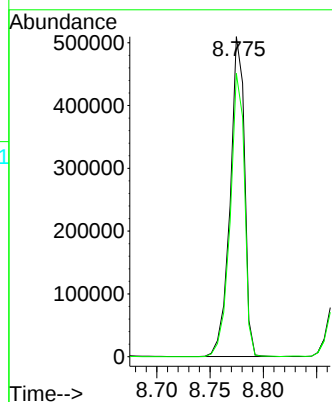
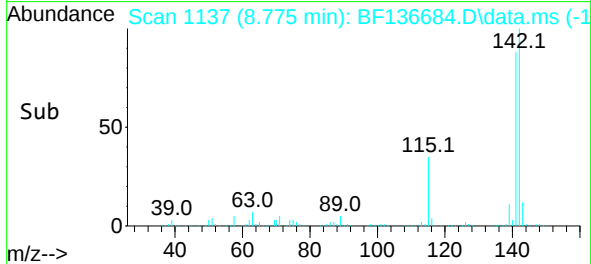
Instrument :
BNA_F
ClientSampleId :
PB157714BS



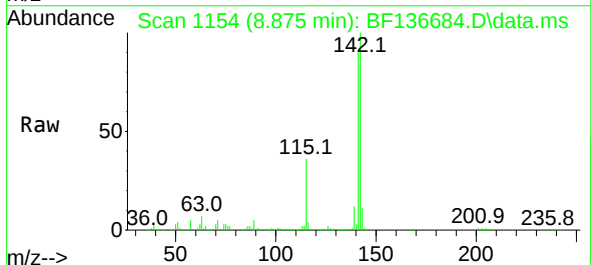
Tgt Ion:142 Resp: 480594
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7

Manual Integrations
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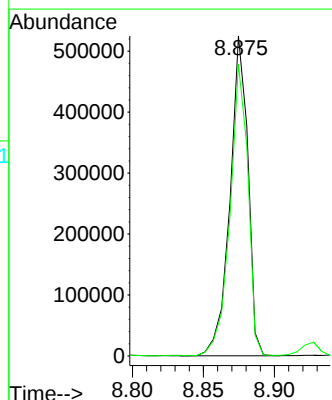
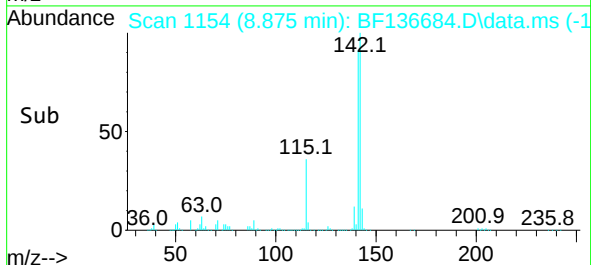
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

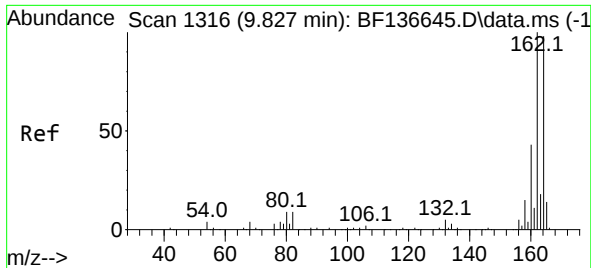


#38
1-Methylnaphthalene
Concen: 35.898 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:142 Resp: 460695
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4





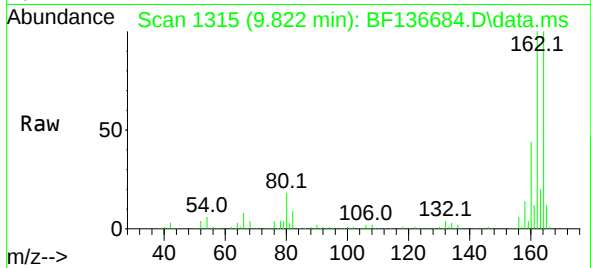
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS



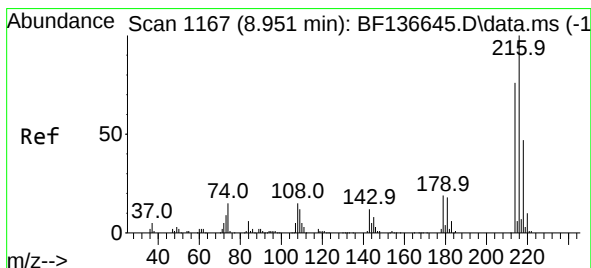
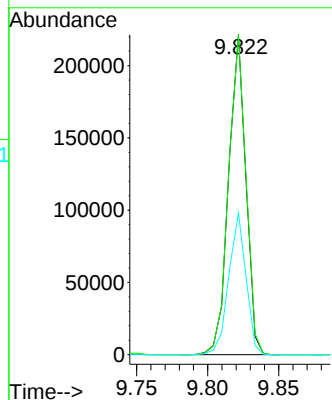
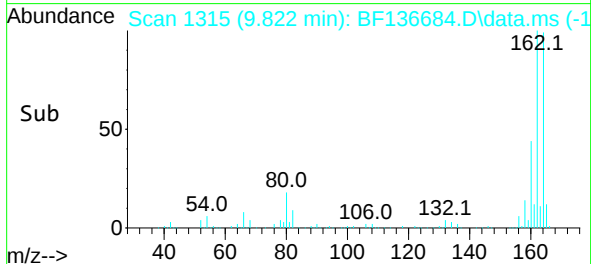
Tgt Ion:164 Resp: 186980
Ion Ratio Lower Upper
164 100
162 99.9 81.6 122.4
160 44.4 34.9 52.3

Manual Integrations

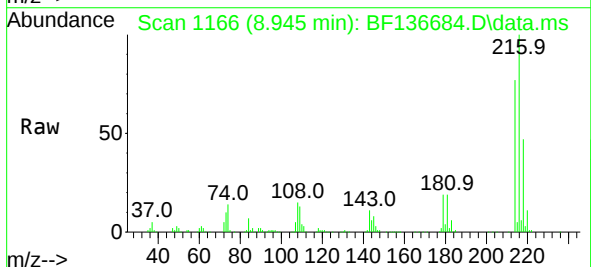
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

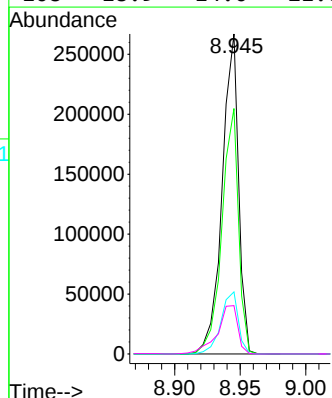
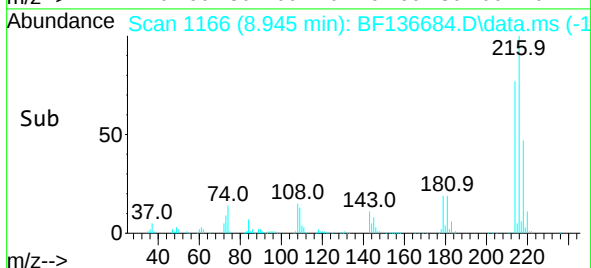
Supervised By :mohammad ahmed 12/25/2023

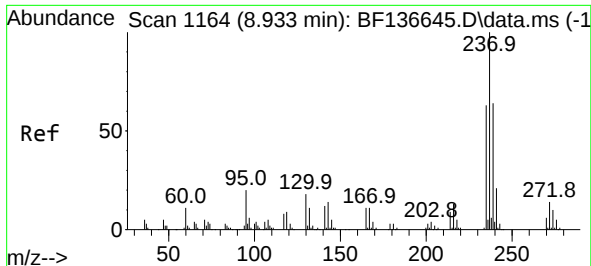


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.071 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



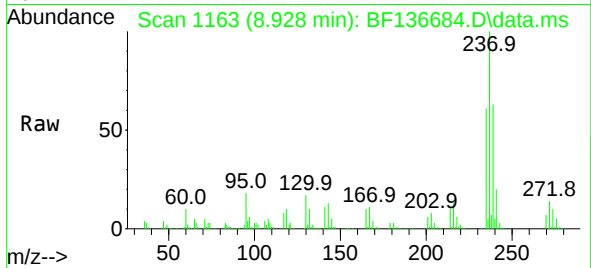
Tgt Ion:216 Resp: 232048
Ion Ratio Lower Upper
216 100
214 77.4 62.3 93.5
179 20.5 16.4 24.6
108 18.9 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 91.208 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

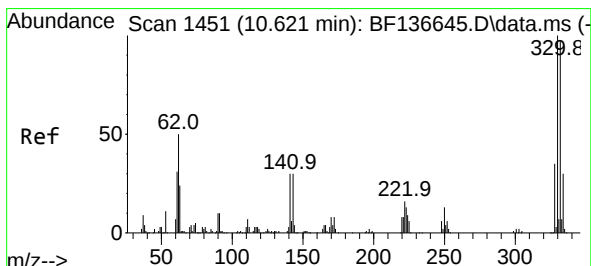
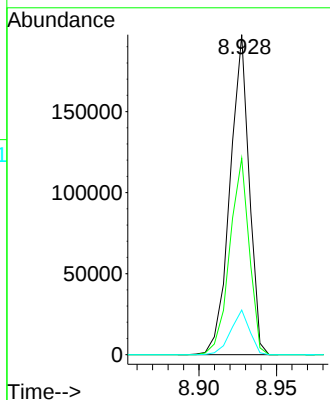
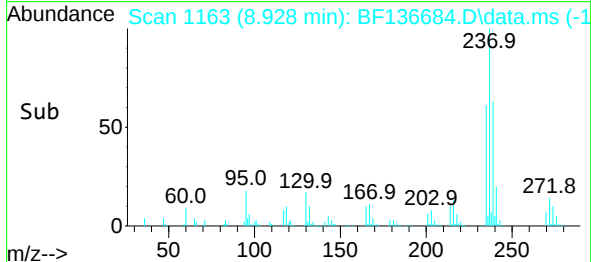
Instrument :
BNA_F
ClientSampleId :
PB157714BS



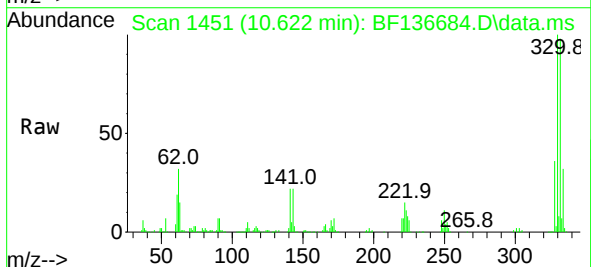
Tgt Ion: 237 Resp: 16975
Ion Ratio Lower Upper
237 100
235 61.4 43.2 83.2
272 13.9 0.0 34.2

Manual Integrations
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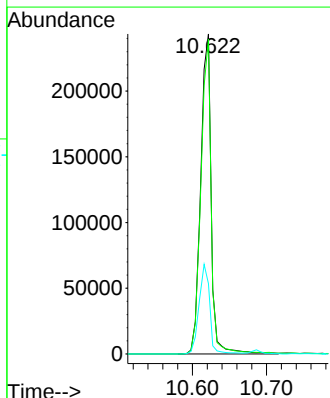
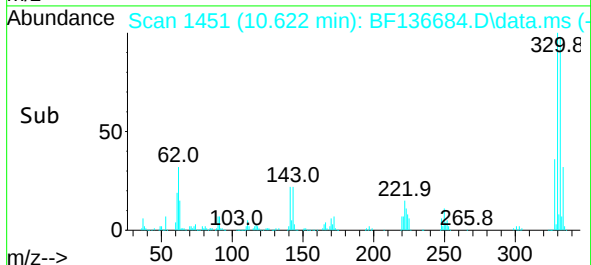
Reviewed By : Yogesh Patel 12/25/2023
Supervised By : mohammad ahmed 12/25/2023



#42
2,4,6-Tribromophenol
Concen: 108.790 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



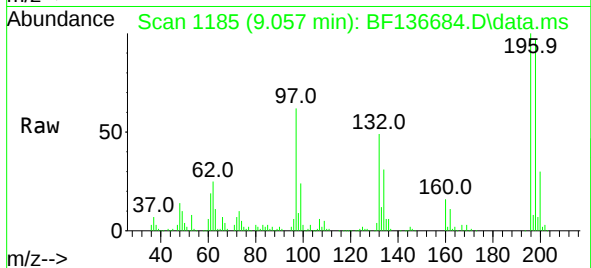
Tgt Ion: 330 Resp: 239575
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 28.5 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 39.739 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

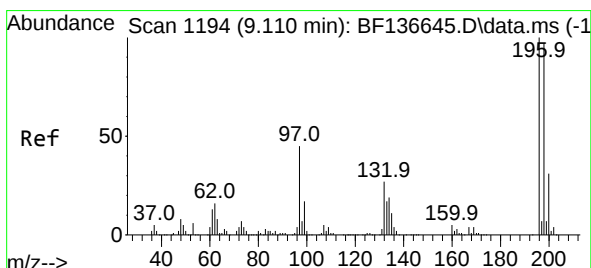
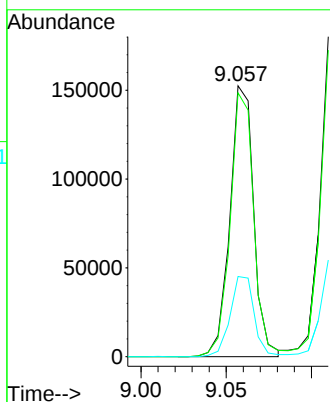
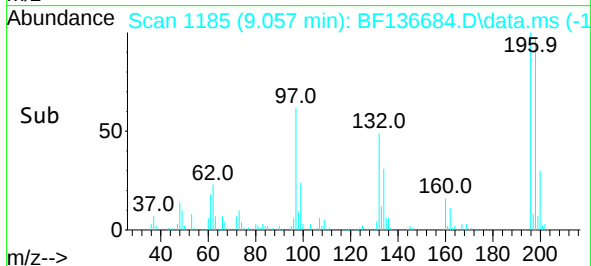
Instrument :
BNA_F
ClientSampleId :
PB157714BS



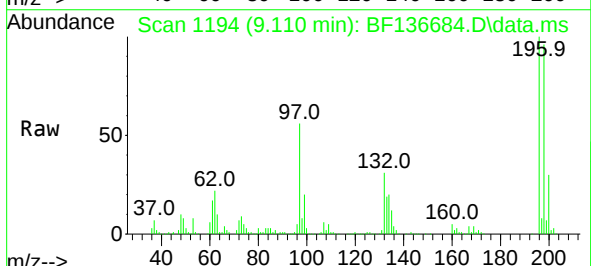
Tgt Ion:196 Resp: 14758
Ion Ratio Lower Upper
196 100
198 97.4 75.1 112.7
200 29.6 22.5 33.7

Manual Integrations
APPROVED

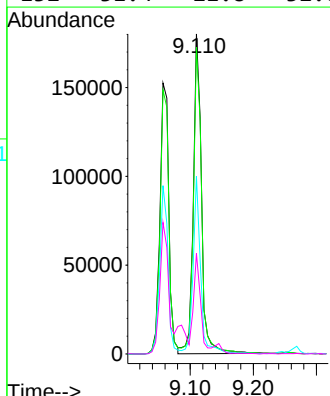
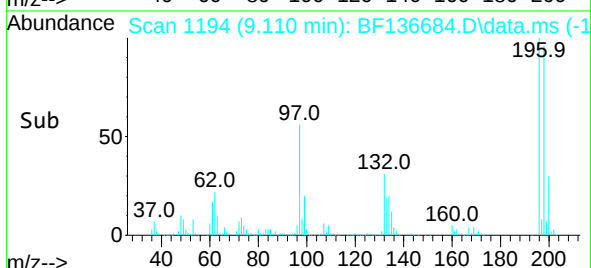
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

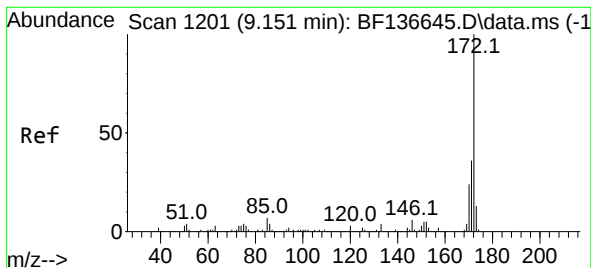


#44
2,4,5-Trichlorophenol
Concen: 39.133 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:196 Resp: 161953
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.6
97 55.5 36.1 54.1#
132 31.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 72.029 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

Tgt Ion:172 Resp: 1001380

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

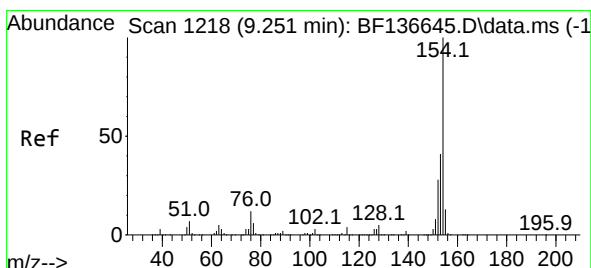
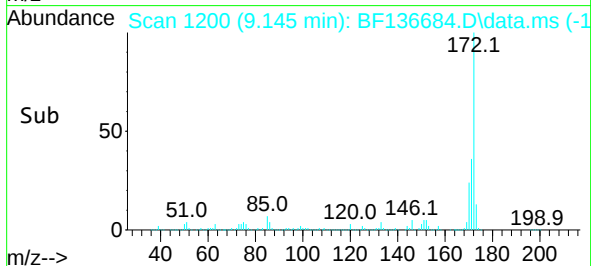
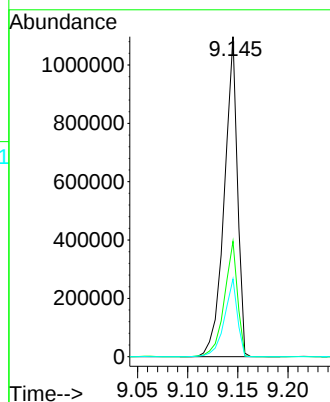
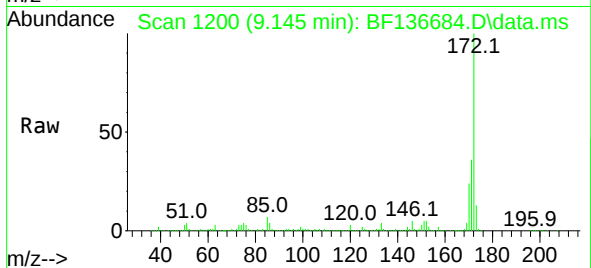
170 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#46

1,1'-Biphenyl

Concen: 38.788 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

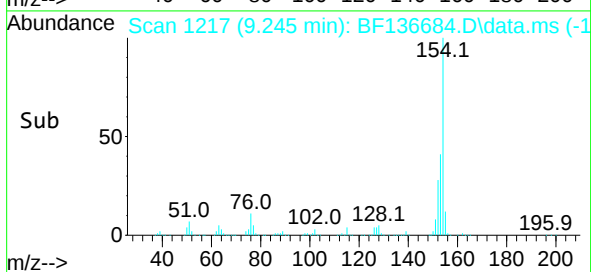
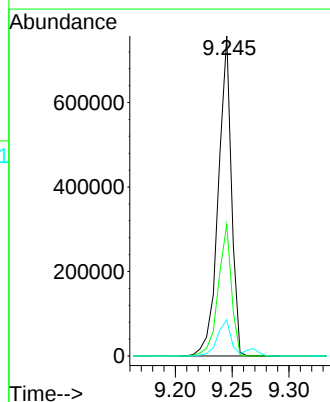
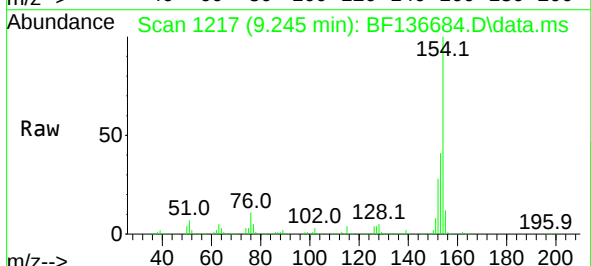
Tgt Ion:154 Resp: 608622

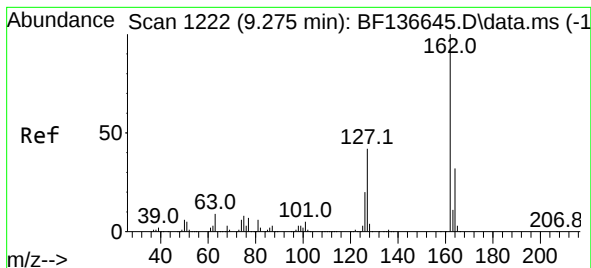
Ion Ratio Lower Upper

154 100

153 41.1 21.1 61.1

76 11.3 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.060 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

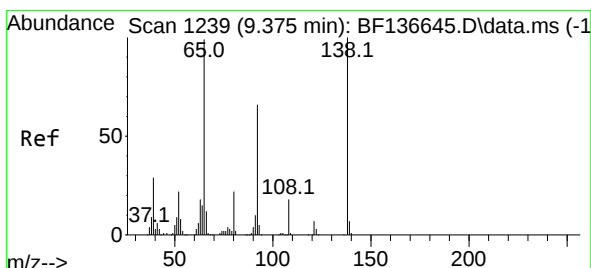
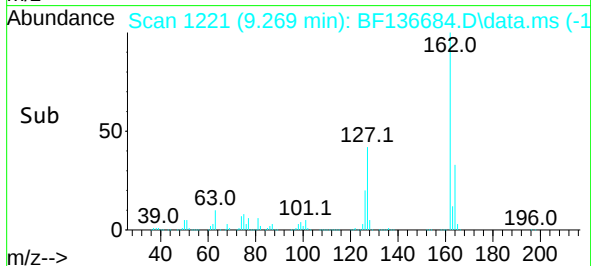
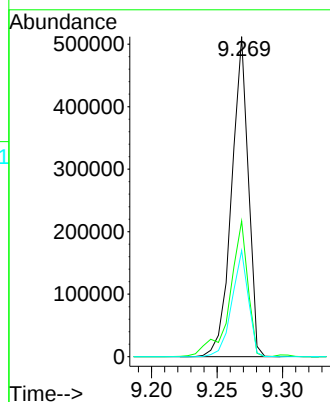
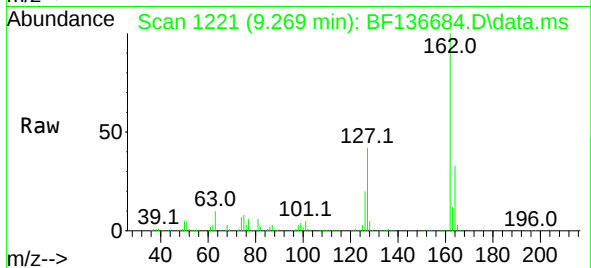
Tgt Ion:162 Resp: 453998
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.6 50.4
 164 33.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#48

2-Nitroaniline

Concen: 40.430 ng

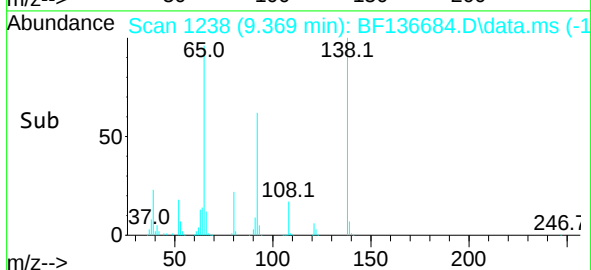
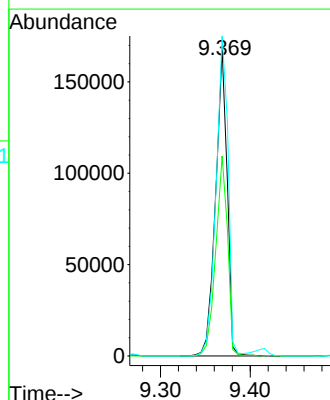
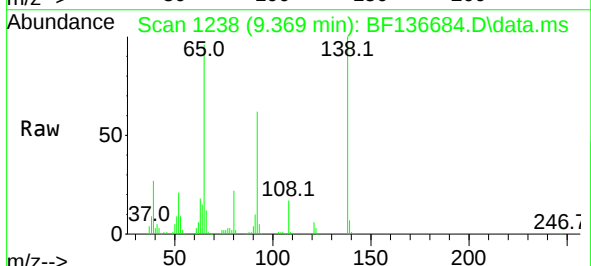
RT: 9.369 min Scan# 1238

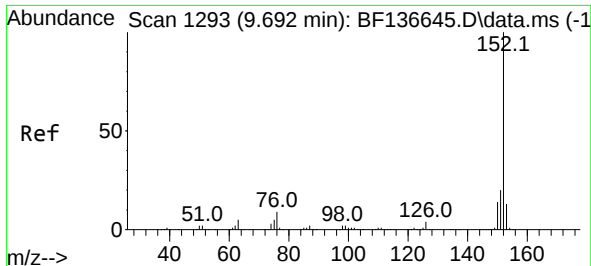
Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Tgt Ion: 65 Resp: 151023
 Ion Ratio Lower Upper
 65 100
 92 65.3 53.2 79.8
 138 104.4 81.1 121.7





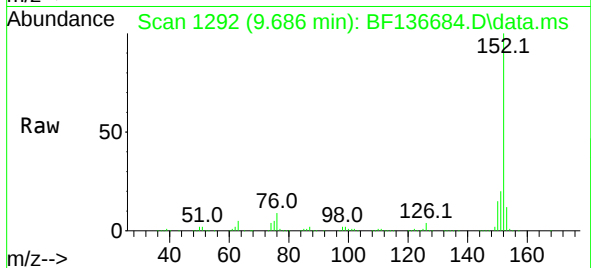
#49
Acenaphthylene
Concen: 40.423 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

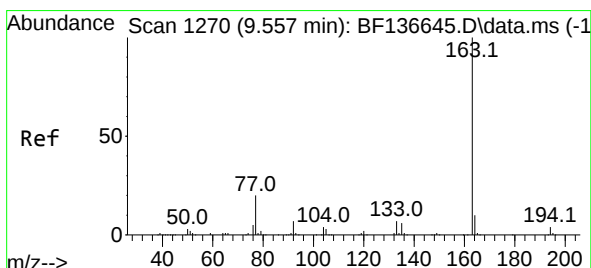
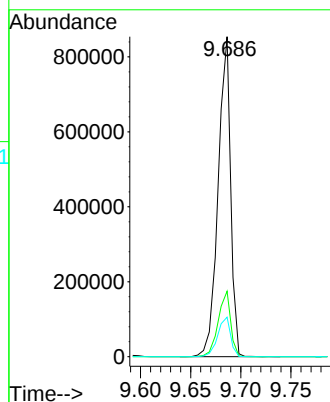
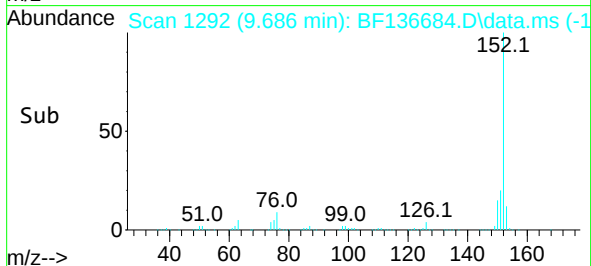
PB157714BS



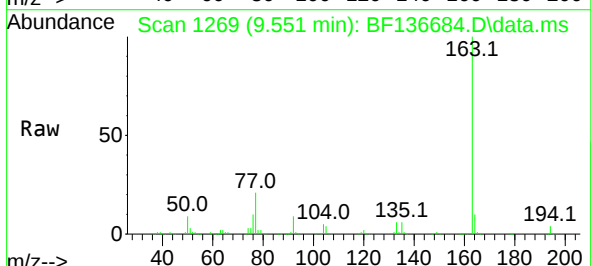
Tgt Ion:152 Resp: 73701
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.4 10.2 15.2

Manual Integrations
APPROVED

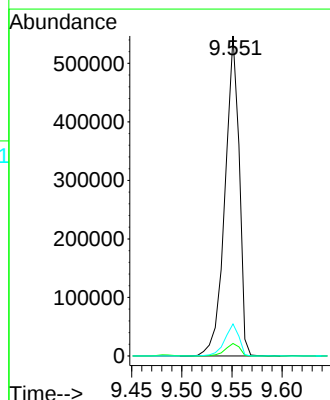
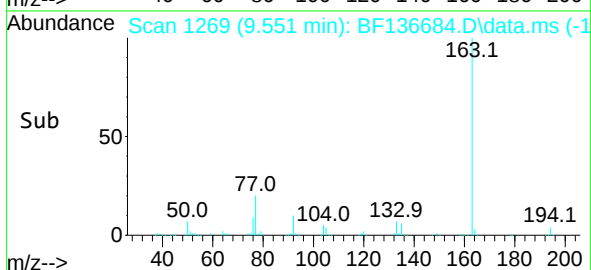
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

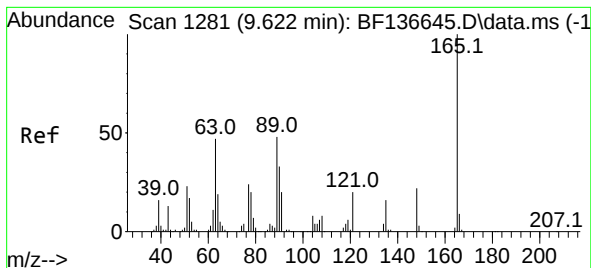


#50
Dimethylphthalate
Concen: 39.255 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:163 Resp: 536141
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.516 ng

RT: 9.616 min Scan# 11938

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

Tgt Ion:165 Resp: 11938

Ion Ratio Lower Upper

165 100

63 53.5 39.8 59.6

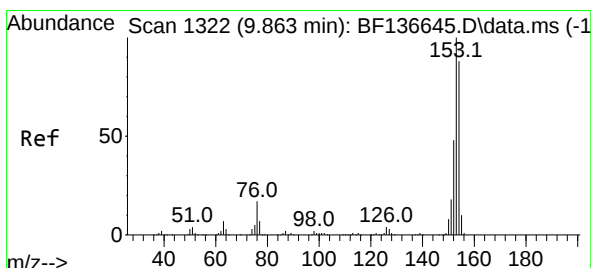
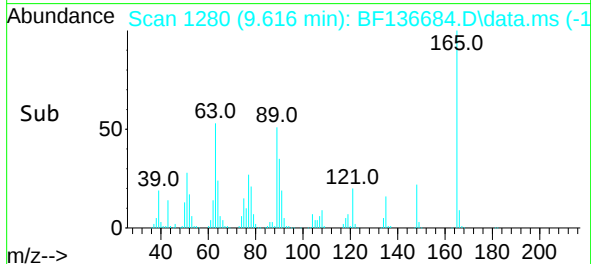
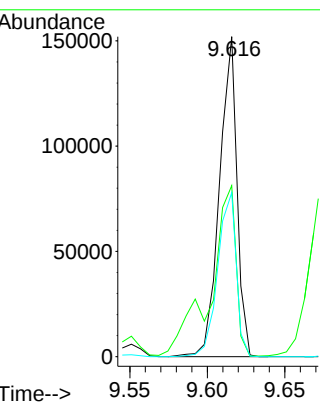
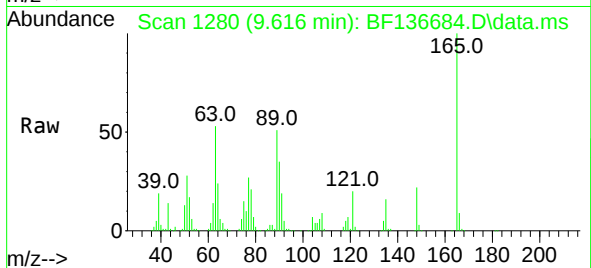
89 51.2 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#52

Acenaphthene

Concen: 37.972 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

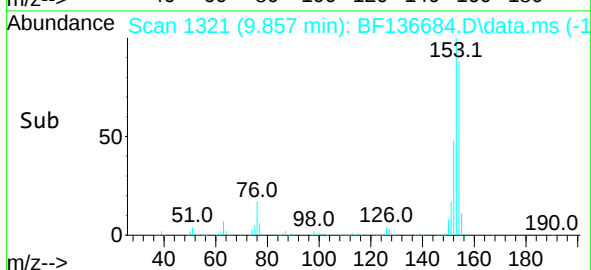
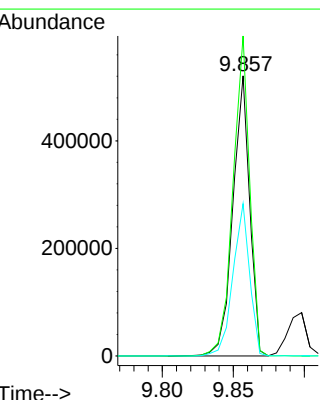
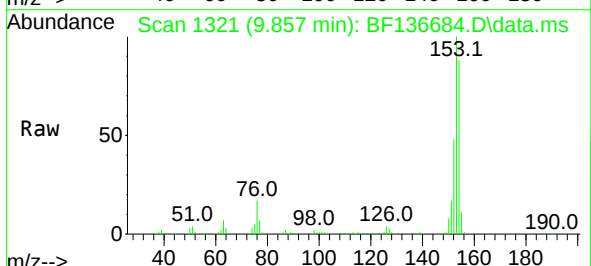
Tgt Ion:154 Resp: 429165

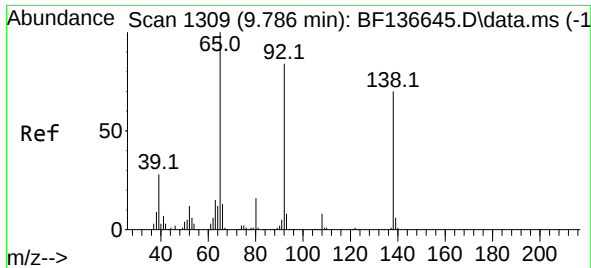
Ion Ratio Lower Upper

154 100

153 114.2 90.7 136.1

152 54.4 43.7 65.5





#53
3-Nitroaniline
Concen: 31.248 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

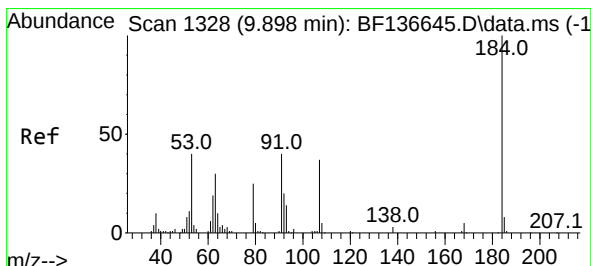
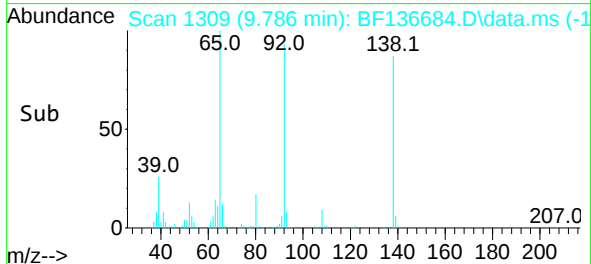
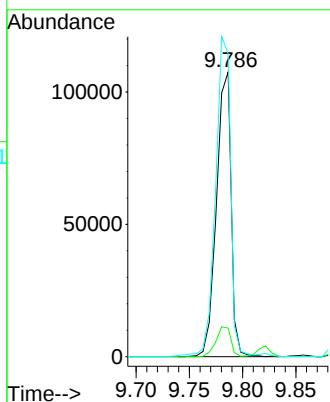
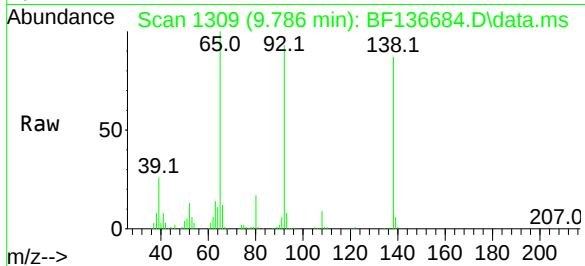
ClientSampleId :

PB157714BS

Tgt Ion:138 Resp: 102604
Ion Ratio Lower Upper
138 100
108 10.0 8.6 12.8
92 106.4 95.2 142.8

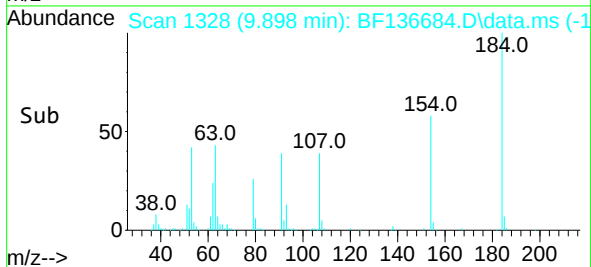
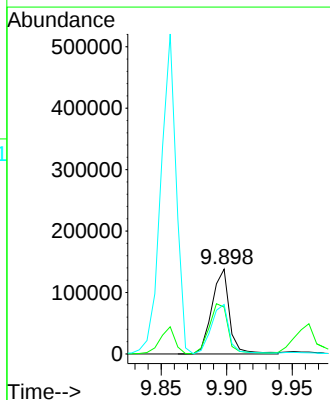
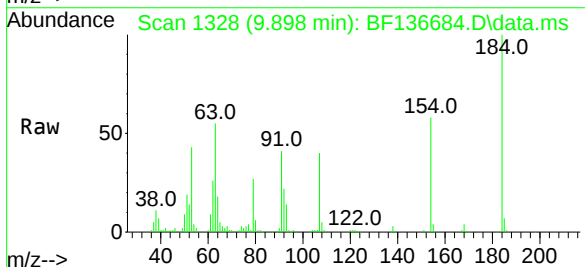
Manual Integrations
APPROVED

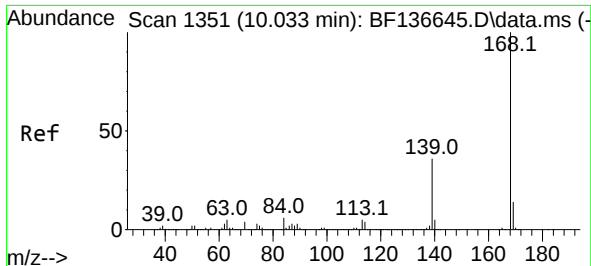
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#54
2,4-Dinitrophenol
Concen: 75.716 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Tgt Ion:184 Resp: 129712
Ion Ratio Lower Upper
184 100
63 55.3 40.9 61.3
154 58.3 42.7 64.1





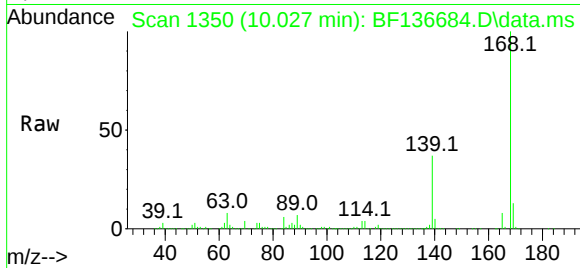
#55
Dibenzenofuran
Concen: 38.337 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

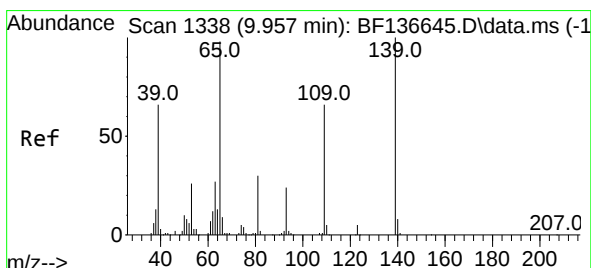
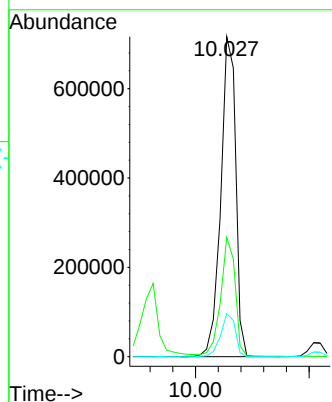


Tgt Ion:168 Resp: 656800
Ion Ratio Lower Upper
168 100
139 37.2 29.3 43.9
169 13.4 11.0 16.4

Manual Integrations

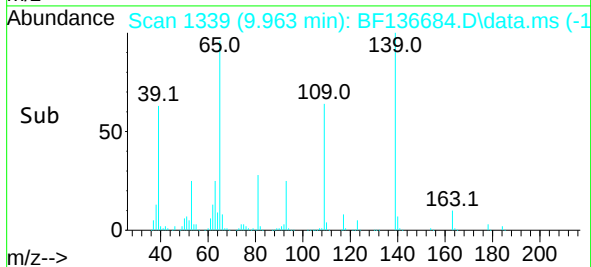
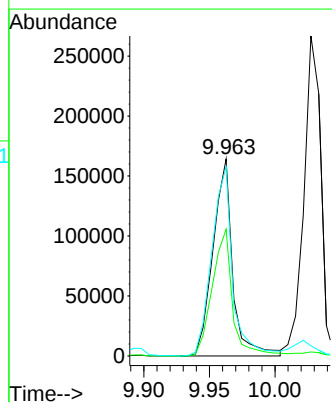
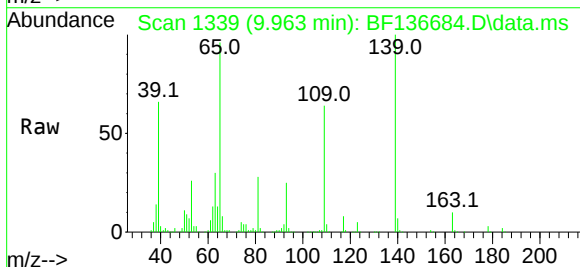
APPROVED

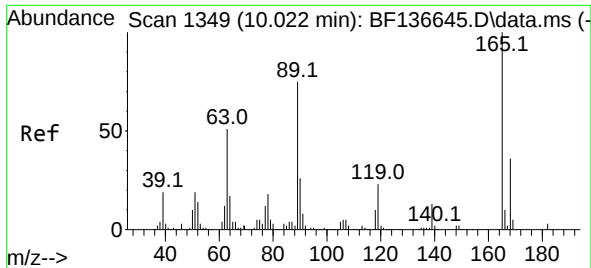
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#56
4-Nitrophenol
Concen: 77.417 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Tgt Ion:139 Resp: 171601
Ion Ratio Lower Upper
139 100
109 64.4 45.8 85.8
65 96.0 77.8 117.8





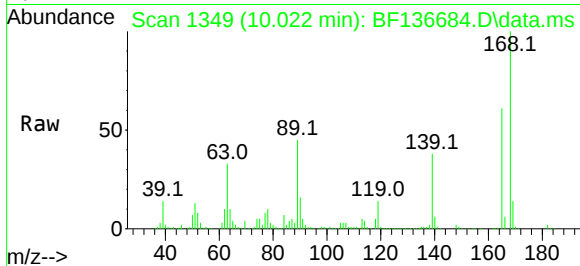
#57
2,4-Dinitrotoluene
Concen: 37.761 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

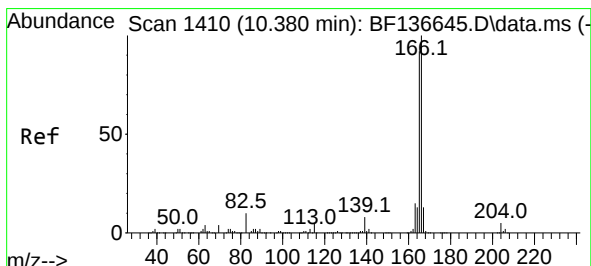
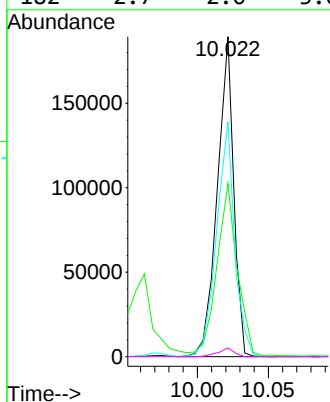
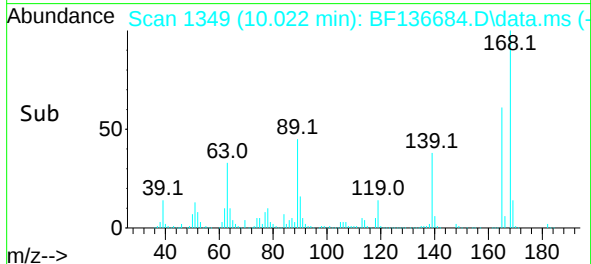


Tgt Ion:165 Resp: 151950
Ion Ratio Lower Upper
165 100
63 54.1 41.0 61.6
89 73.3 59.9 89.9
182 2.7 2.0 3.0

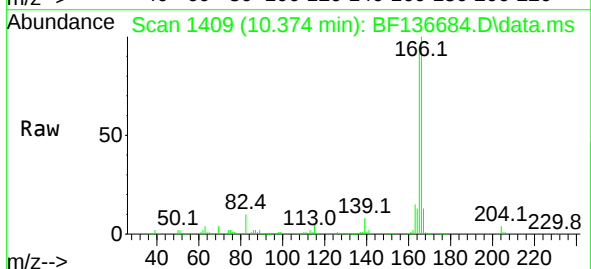
Manual Integrations

APPROVED

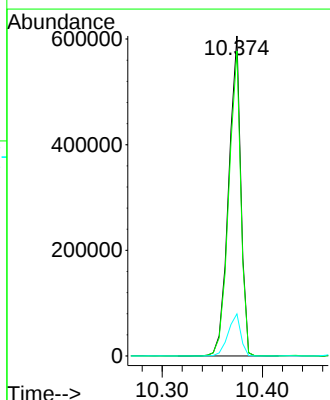
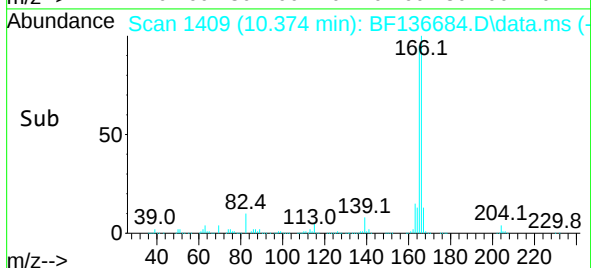
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

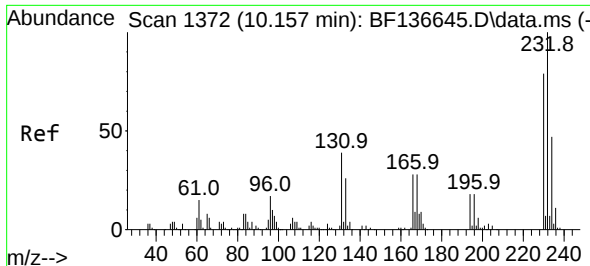


#58
Fluorene
Concen: 37.508 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:166 Resp: 509880
Ion Ratio Lower Upper
166 100
165 95.3 73.7 110.5
167 13.1 10.4 15.6





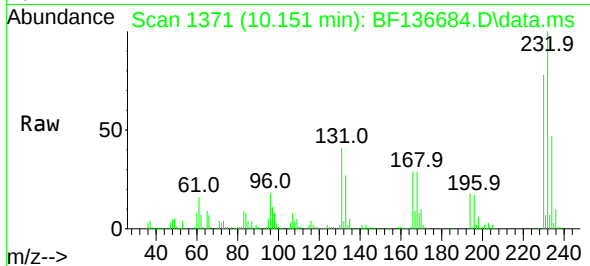
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.960 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

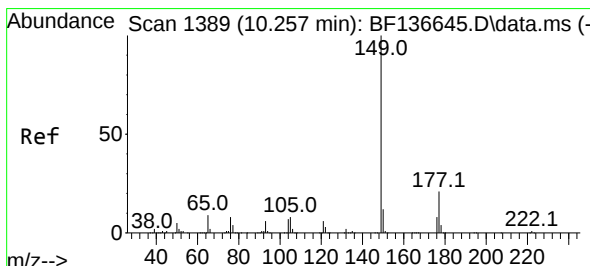
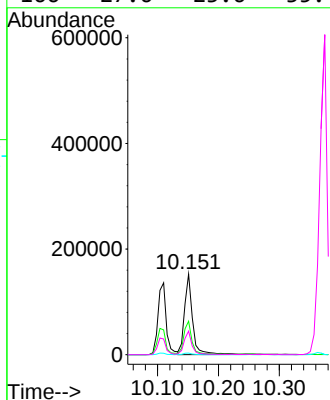
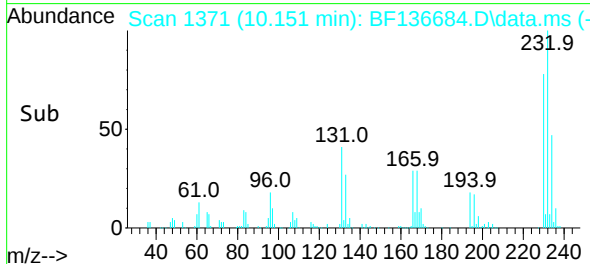


Tgt Ion:232 Resp: 140040
Ion Ratio Lower Upper
232 100
131 41.6 35.1 52.7
130 2.2 1.6 2.4
166 27.6 23.6 35.4

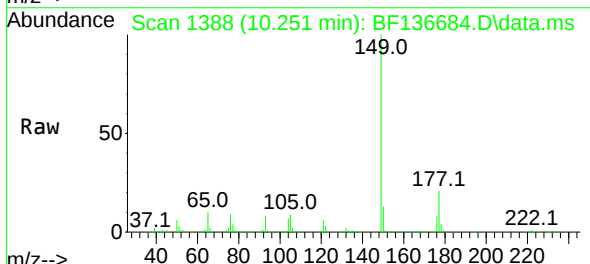
Manual Integrations

APPROVED

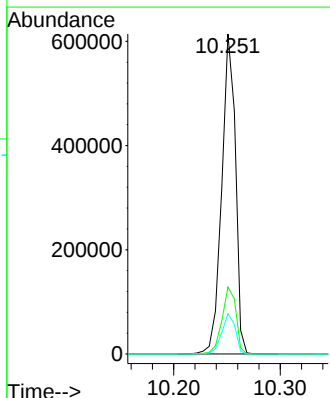
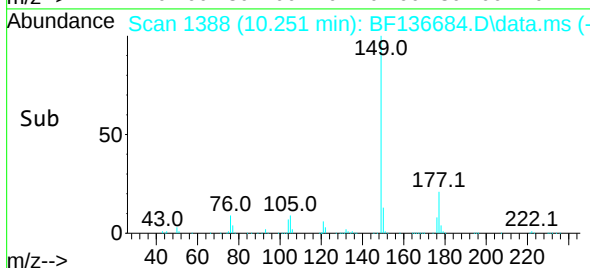
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

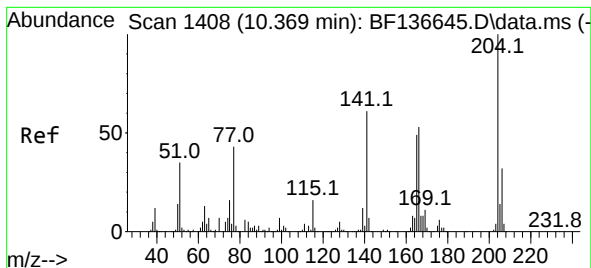


#60
Diethylphthalate
Concen: 38.615 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



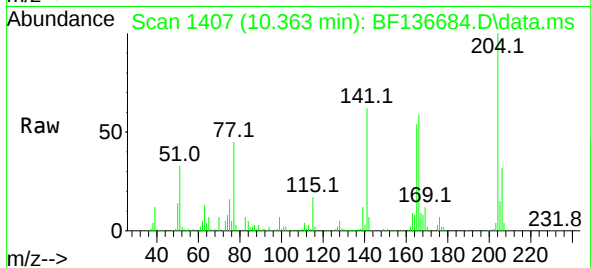
Tgt Ion:149 Resp: 547212
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.6 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.295 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

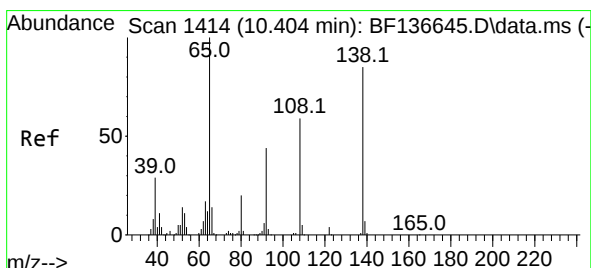
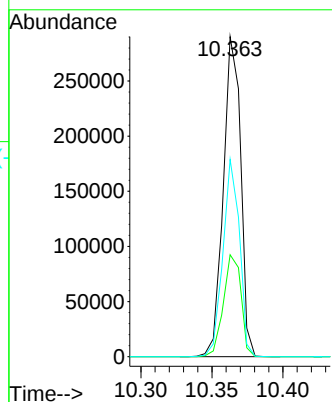
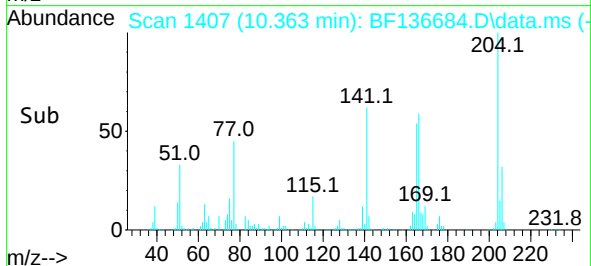
Instrument :
BNA_F
ClientSampleId :
PB157714BS



Tgt Ion:204 Resp: 246430
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 61.7 48.4 72.6

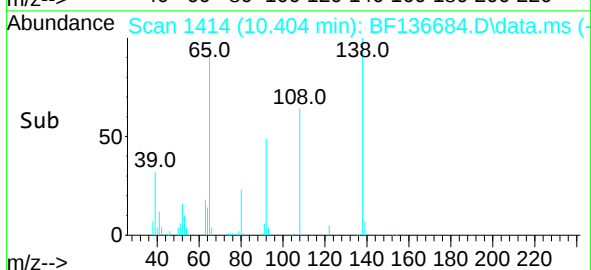
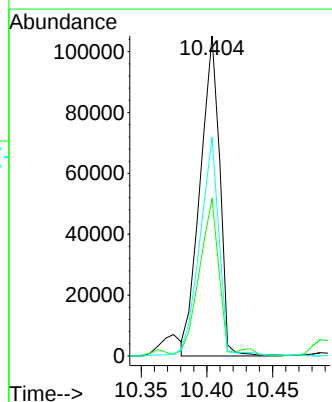
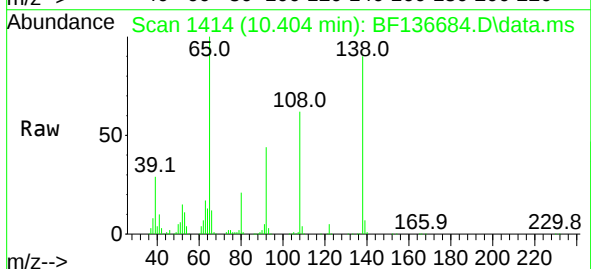
Manual Integrations
APPROVED

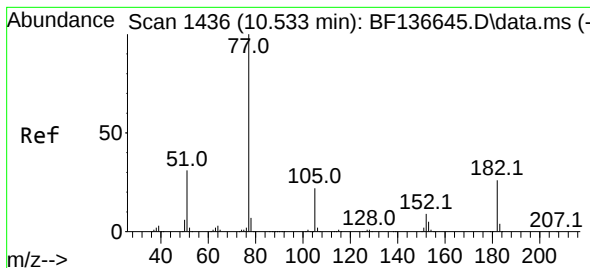
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#62
4-Nitroaniline
Concen: 34.409 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Tgt Ion:138 Resp: 108919
Ion Ratio Lower Upper
138 100
92 49.1 32.1 72.1
108 68.4 50.1 90.1





#63

Azobenzene

Concen: 38.150 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF136684.D

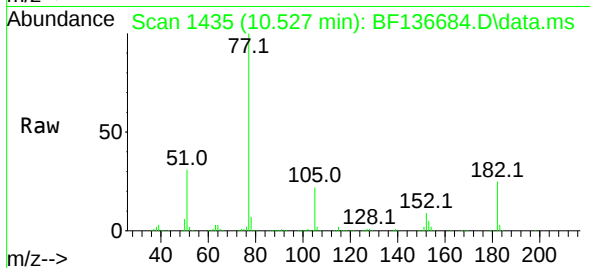
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS



Tgt Ion: 77 Resp: 504940

Ion Ratio Lower Upper

77 100

182 25.0 6.0 46.0

105 22.2 2.3 42.3

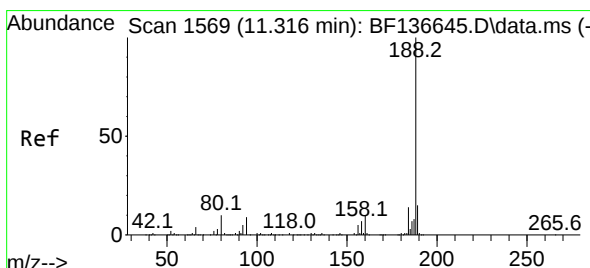
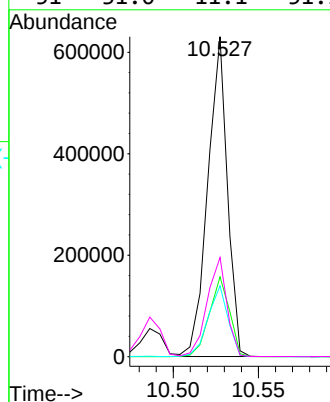
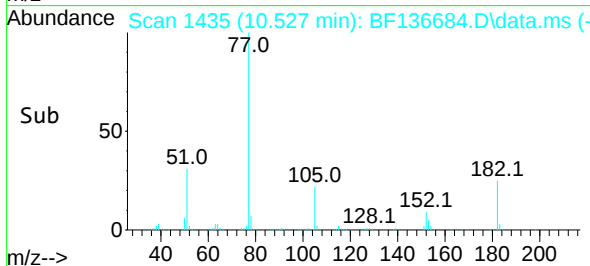
51 31.0 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

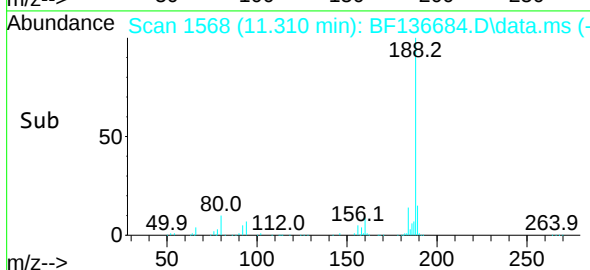
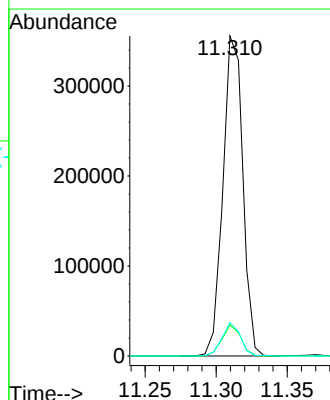
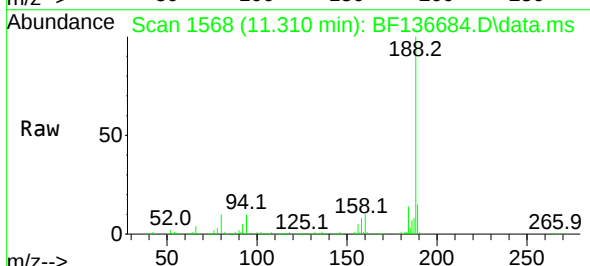
Tgt Ion:188 Resp: 345000

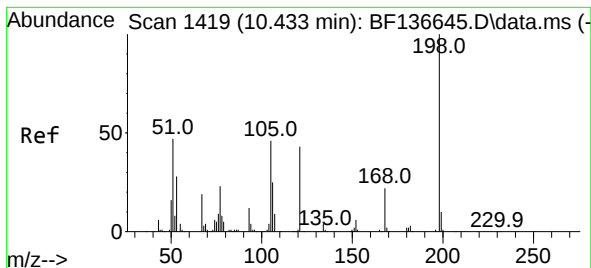
Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.4 8.1 12.1





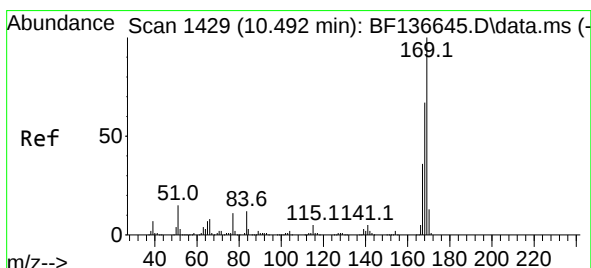
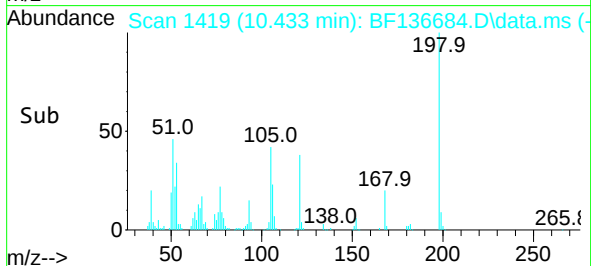
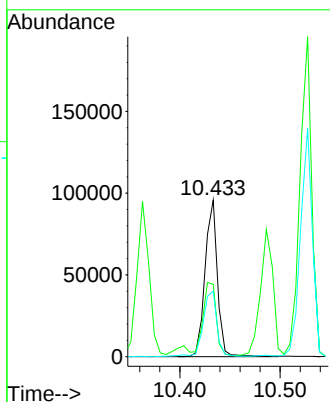
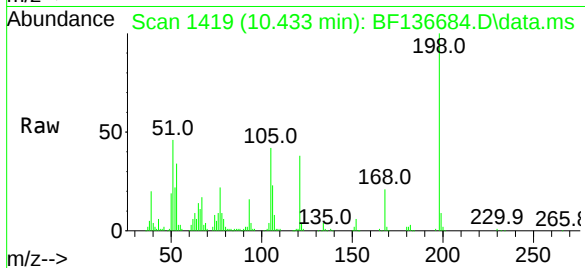
#65
4,6-Dinitro-2-methylphenol
Concen: 41.839 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB157714BS

Tgt Ion:198 Resp: 82724
Ion Ratio Lower Upper
198 100
51 46.2 34.1 74.1
105 41.8 27.3 67.3

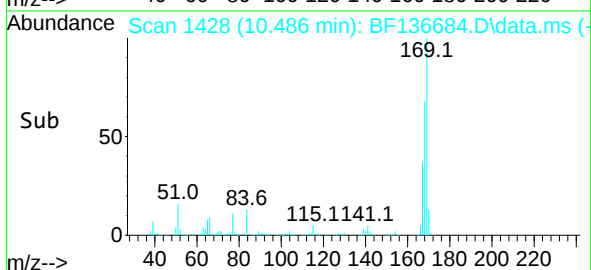
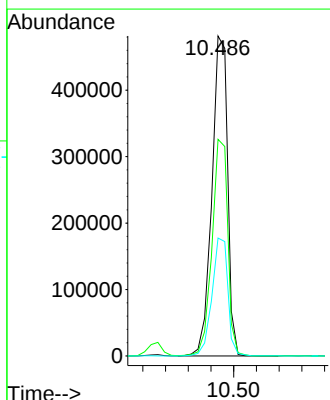
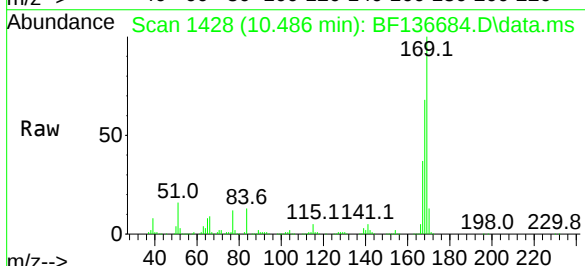
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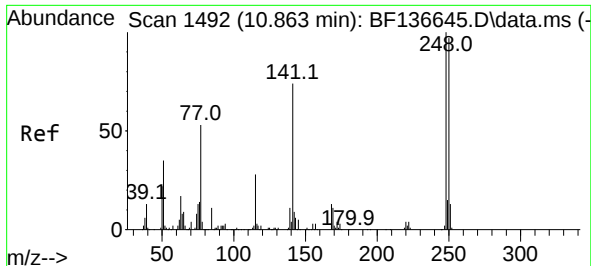
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#66
n-Nitrosodiphenylamine
Concen: 41.226 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

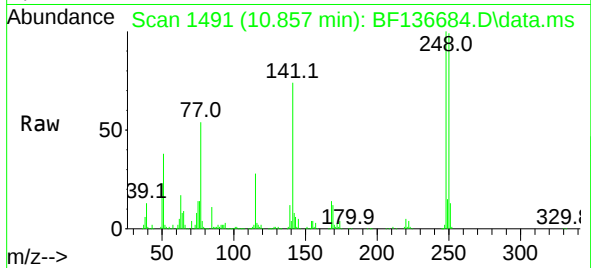
Tgt Ion:169 Resp: 462032
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 36.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.923 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

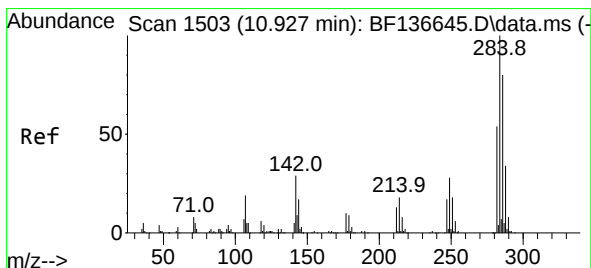
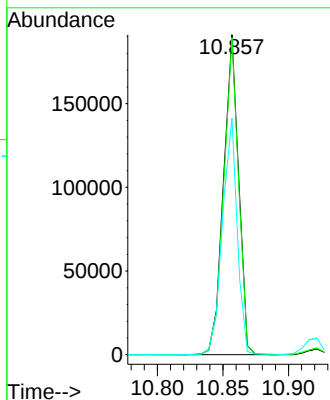
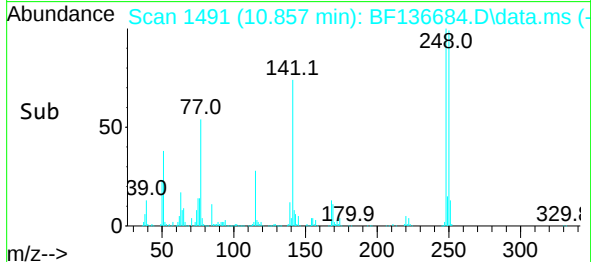
Instrument :
BNA_F
ClientSampleId :
PB157714BS



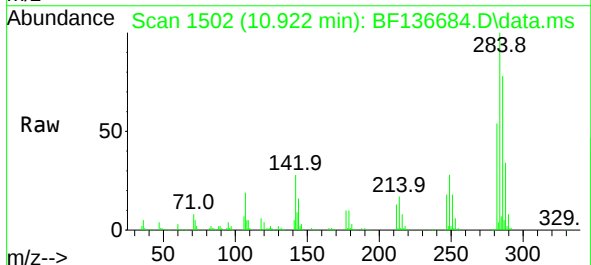
Tgt Ion:248 Resp: 152964
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 73.9 59.2 88.8

Manual Integrations
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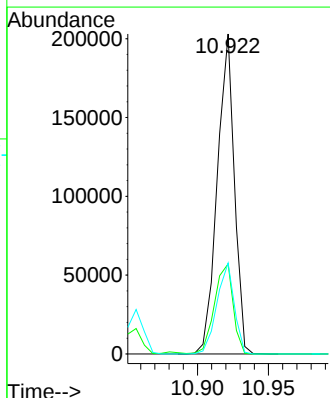
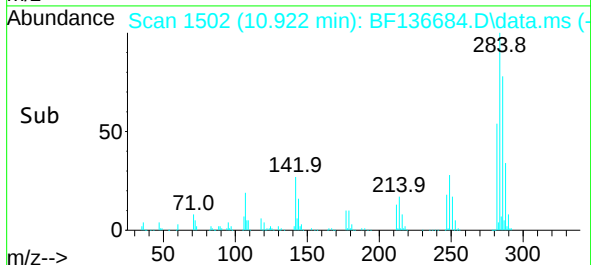
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

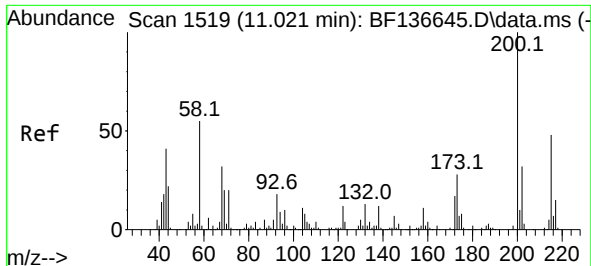


#68
Hexachlorobenzene
Concen: 39.716 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



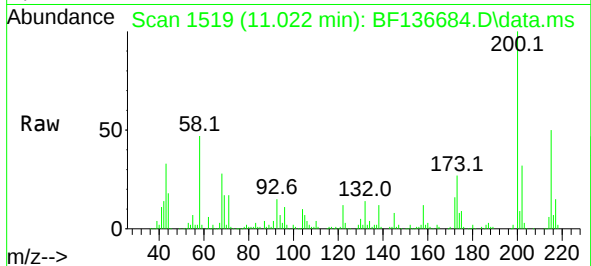
Tgt Ion:284 Resp: 169581
Ion Ratio Lower Upper
284 100
142 28.2 23.4 35.0
249 28.4 22.3 33.5





#69
 Atrazine
 Concen: 39.876 ng
 RT: 11.022 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136684.D
 Acq: 22 Dec 2023 13:58

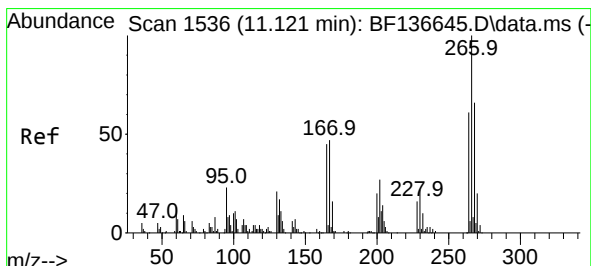
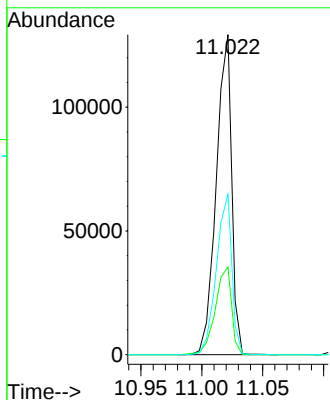
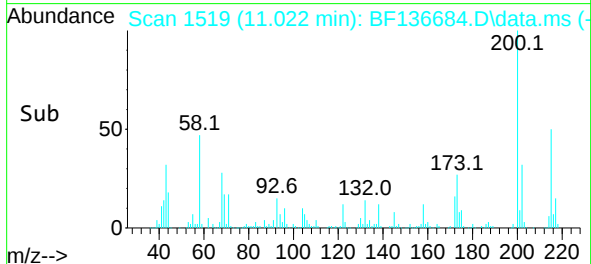
Instrument :
 BNA_F
 ClientSampleId :
 PB157714BS



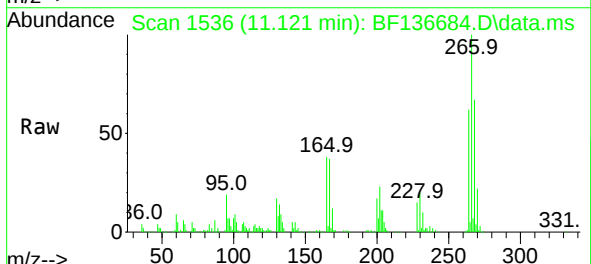
Tgt Ion:200 Resp: 11430
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.6 47.6
 215 50.2 28.3 68.3

Manual Integrations
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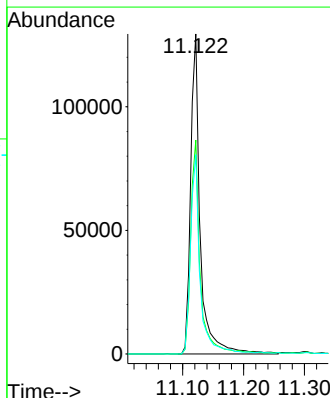
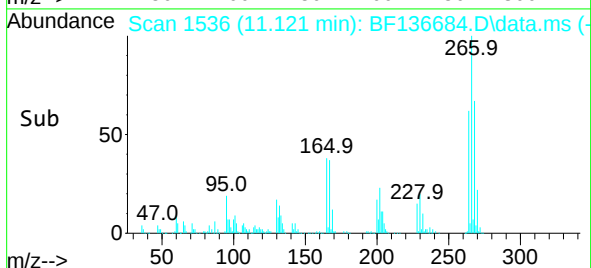
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

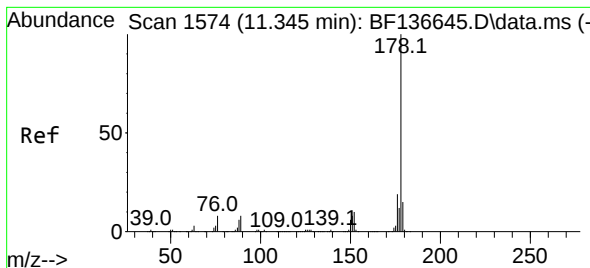


#70
 Pentachlorophenol
 Concen: 71.479 ng
 RT: 11.121 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF136684.D
 Acq: 22 Dec 2023 13:58



Tgt Ion:266 Resp: 142259
 Ion Ratio Lower Upper
 266 100
 268 66.9 52.6 78.8
 264 62.3 49.0 73.4





#71

Phenanthrene

Concen: 41.109 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

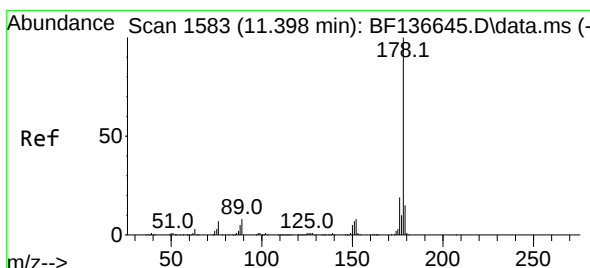
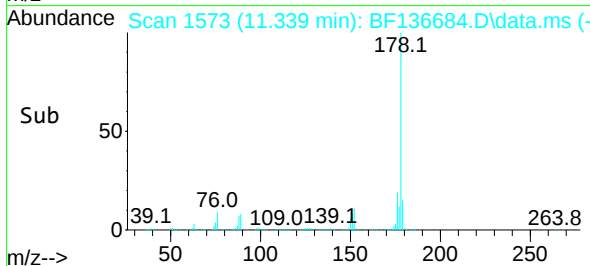
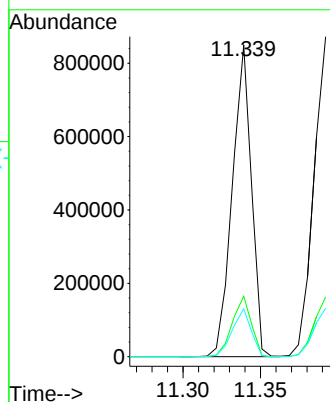
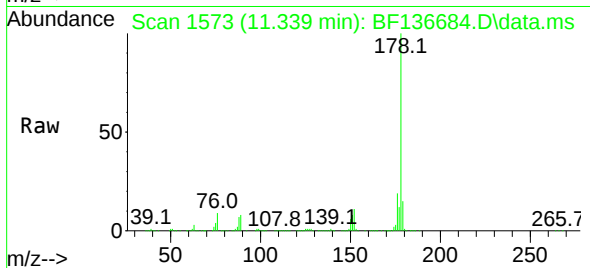
PB157714BS

Tgt Ion:178	Resp:	727728
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.3 22.9
179	15.4	11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#72

Anthracene

Concen: 40.602 ng

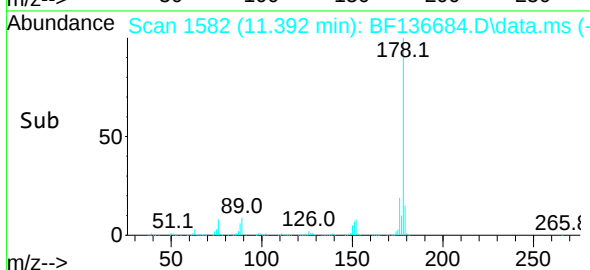
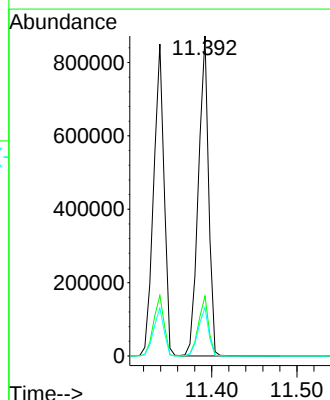
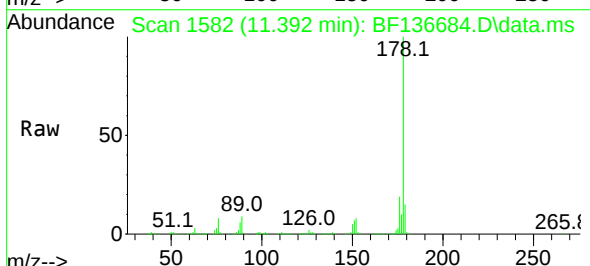
RT: 11.392 min Scan# 1582

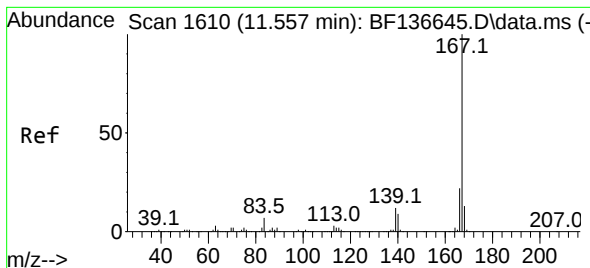
Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Tgt Ion:178	Resp:	727902
Ion Ratio	Lower	Upper
178	100	
176	18.7	14.9 22.3
179	15.1	11.8 17.6





#73

Carbazole

Concen: 39.239 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

Tgt Ion:167 Resp: 663240

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

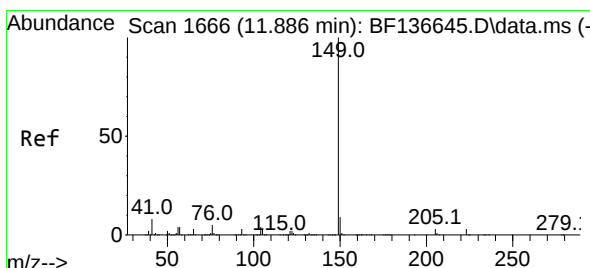
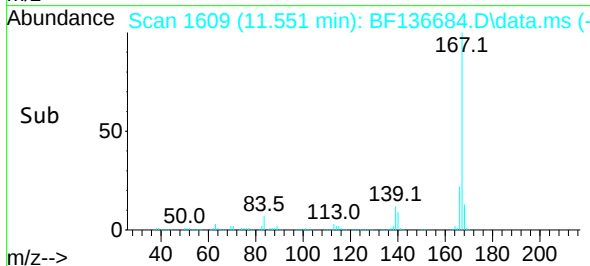
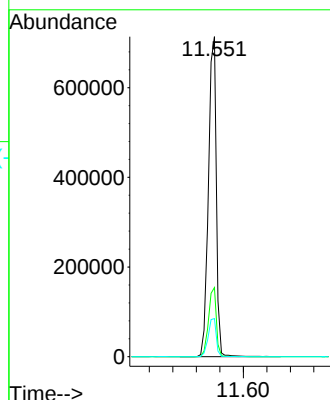
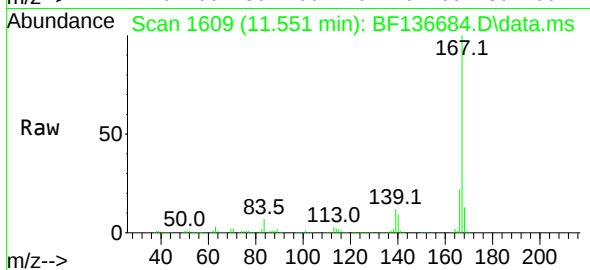
139 11.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#74

Di-n-butylphthalate

Concen: 40.614 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

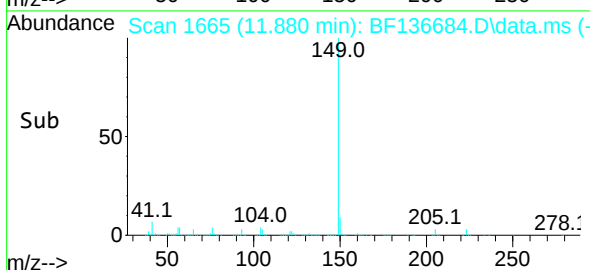
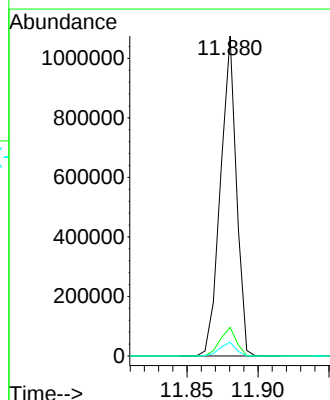
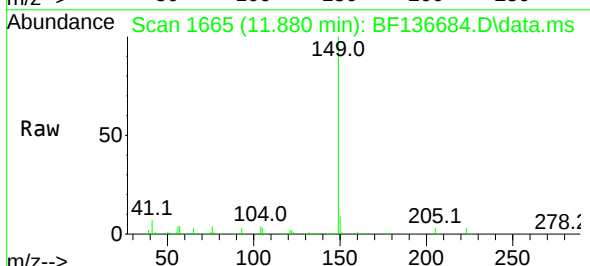
Tgt Ion:149 Resp: 837670

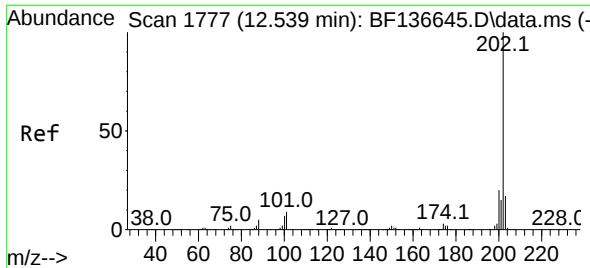
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

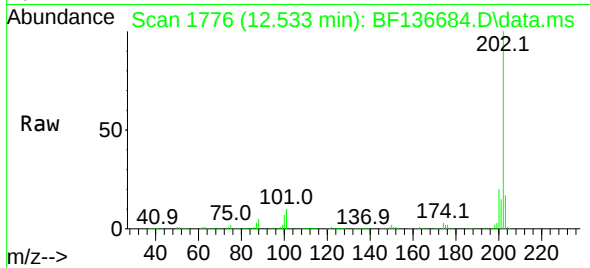
104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 37.686 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

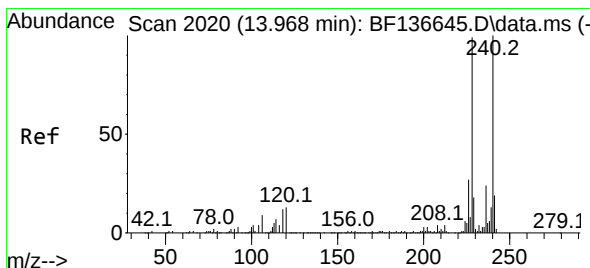
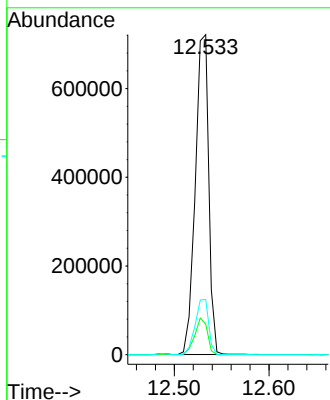
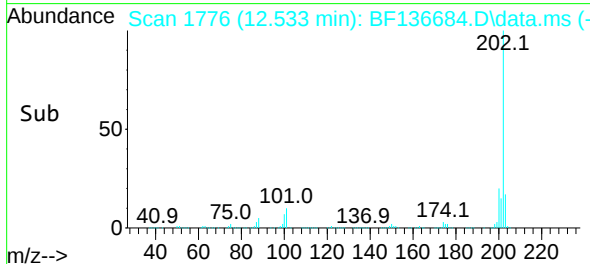
Instrument :
BNA_F
ClientSampleId :
PB157714BS



Tgt Ion:202 Resp: 713594
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 17.2 0.0 37.1

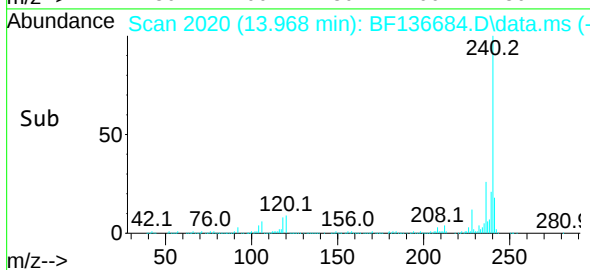
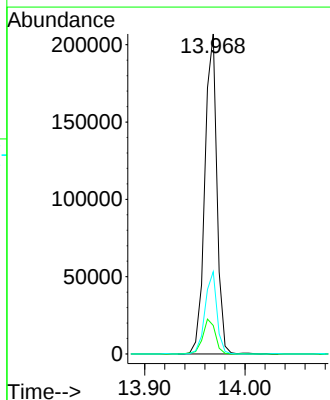
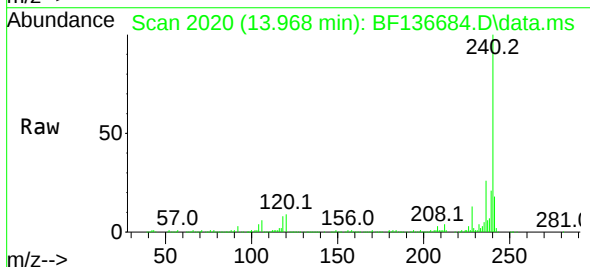
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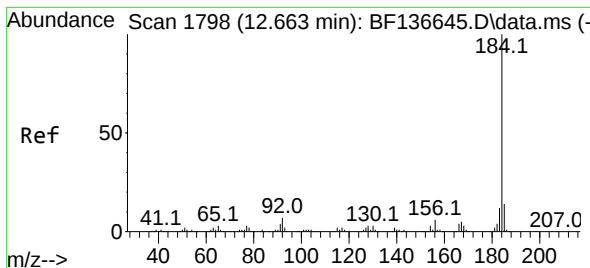
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Tgt Ion:240 Resp: 174019
Ion Ratio Lower Upper
240 100
120 8.9 10.3 15.5#
236 25.7 19.4 29.2





#77

Benzidine

Concen: 6.271 ng

RT: 12.651 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

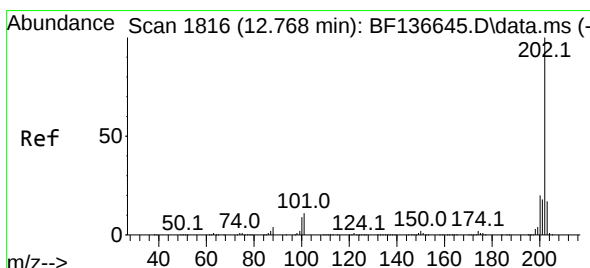
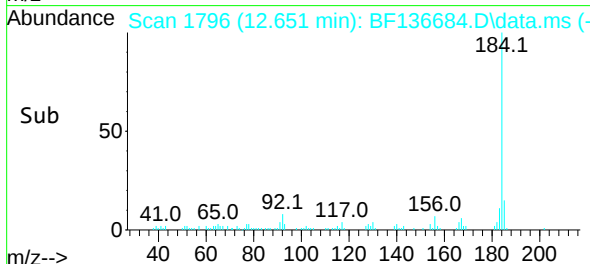
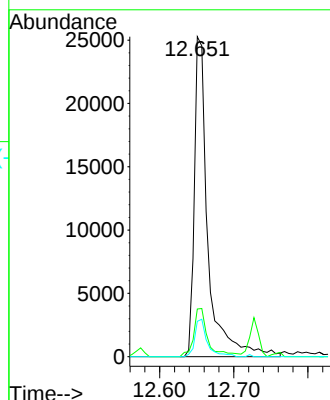
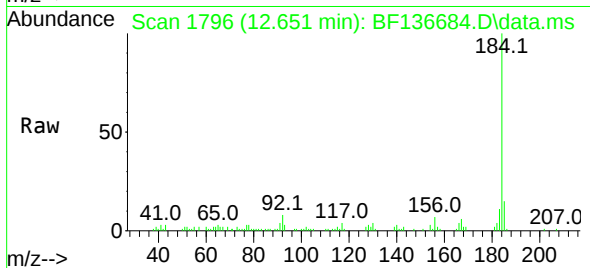
Tgt Ion:184	Resp:	3217
Ion Ratio	Lower	Upper
184	100	
185	14.9	11.2 16.8
183	11.1	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#78

Pyrene

Concen: 41.162 ng

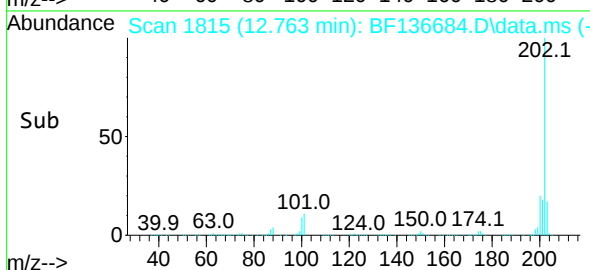
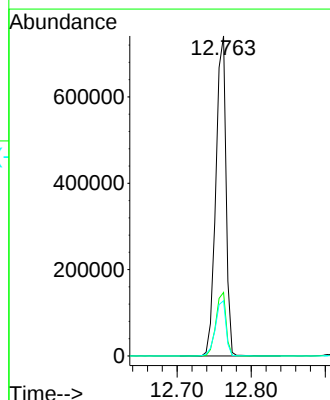
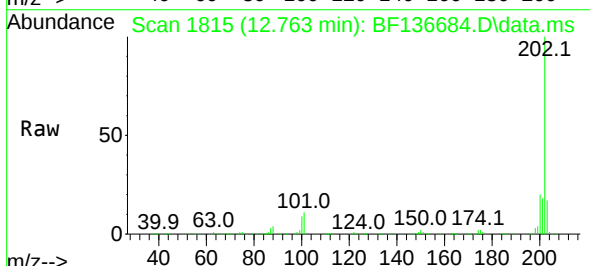
RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Tgt Ion:202	Resp:	703168
Ion Ratio	Lower	Upper
202	100	
200	19.8	15.9 23.9
203	17.3	13.8 20.6





#79

Terphenyl-d14

Concen: 79.134 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136684.D

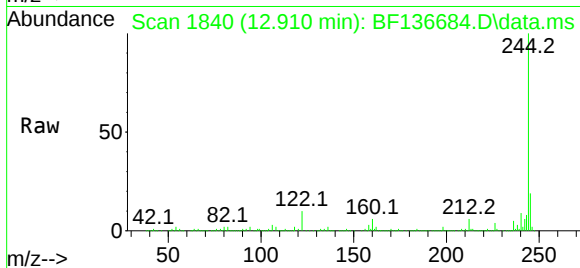
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS



Tgt Ion:244 Resp: 98541

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

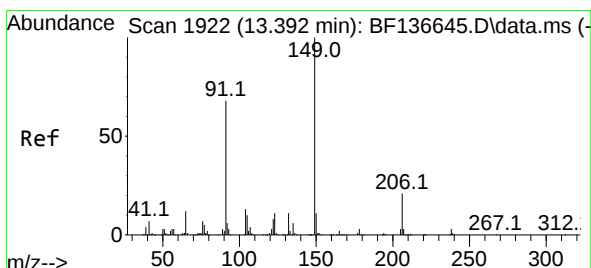
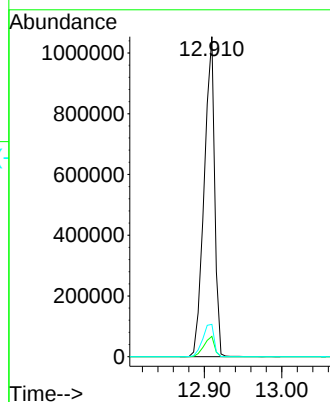
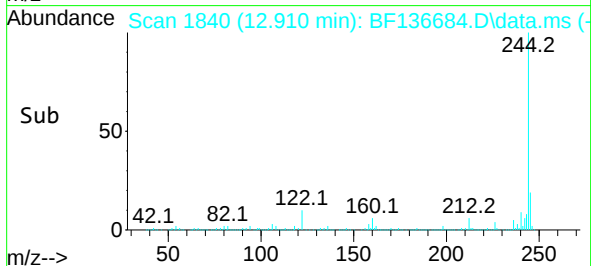
122 10.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#80

Butylbenzylphthalate

Concen: 43.164 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

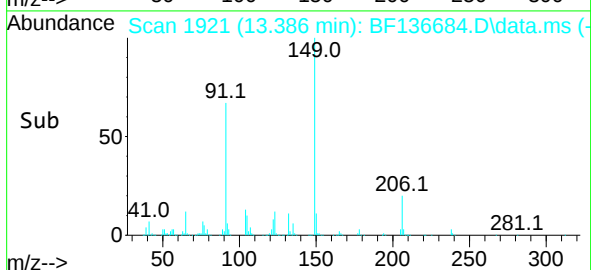
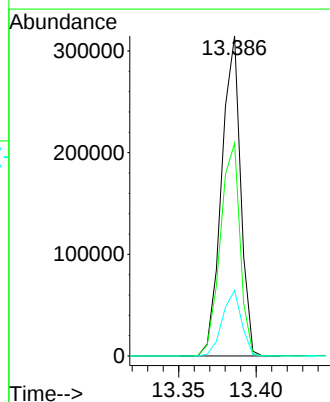
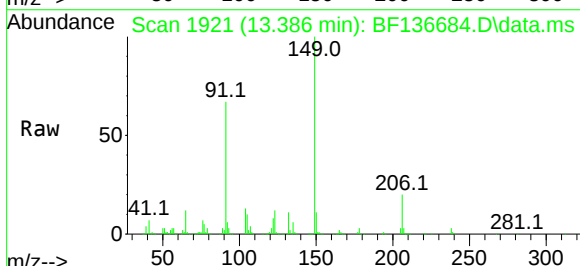
Tgt Ion:149 Resp: 268308

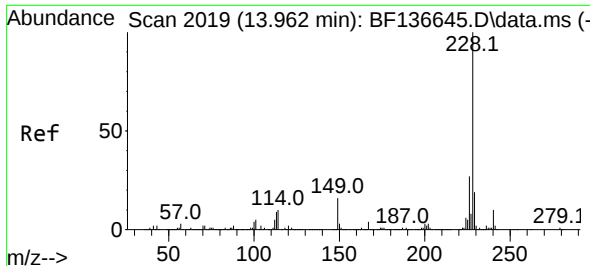
Ion Ratio Lower Upper

149 100

91 66.6 54.1 81.1

206 20.5 17.1 25.7





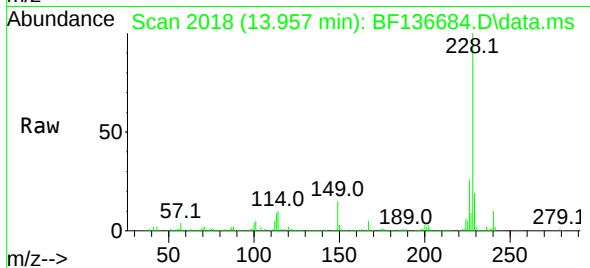
#81
Benzo(a)anthracene
Concen: 40.273 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

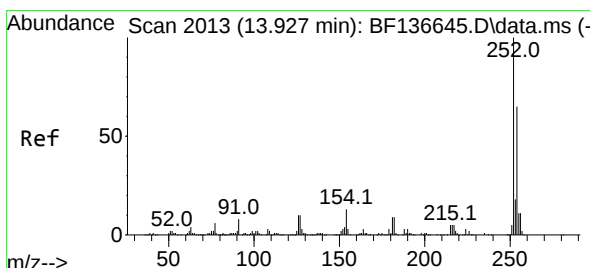
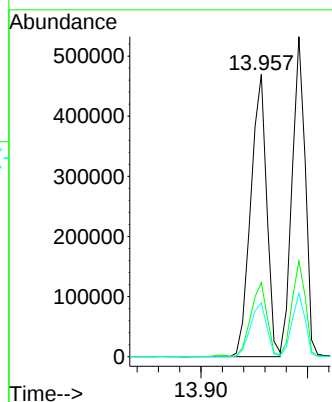
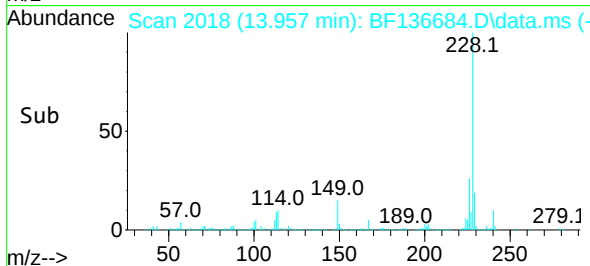
PB157714BS



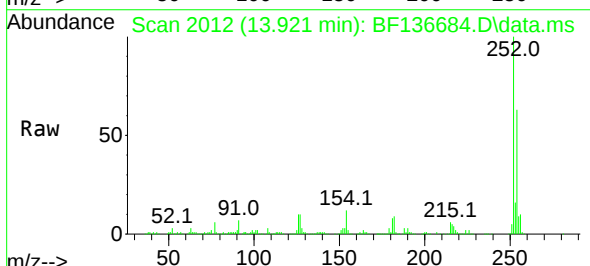
Tgt Ion:228 Resp: 486643
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.0
229 19.1 14.9 22.3

Manual Integrations
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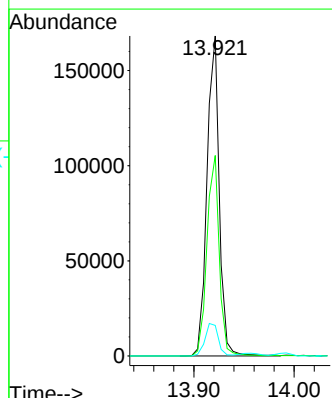
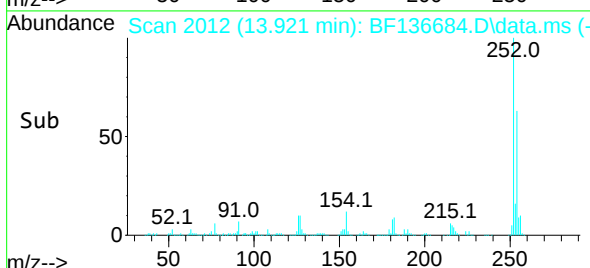
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.657 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:252 Resp: 142952
Ion Ratio Lower Upper
252 100
254 62.7 52.2 78.4
126 9.5 8.0 12.0





#83

Chrysene

Concen: 38.644 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

Tgt Ion:228 Resp: 45663

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

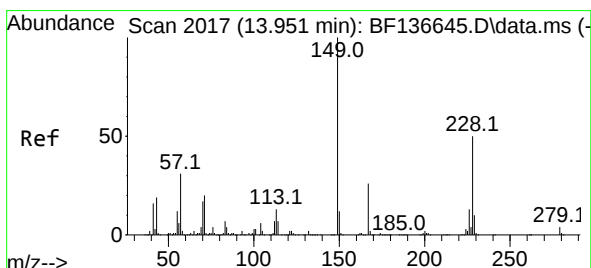
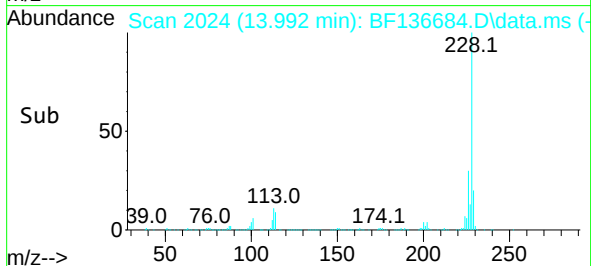
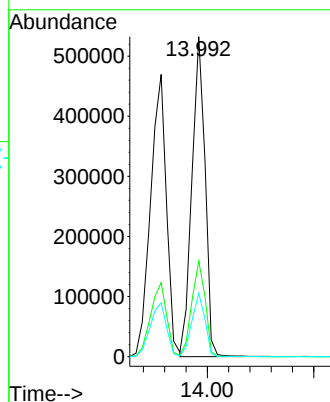
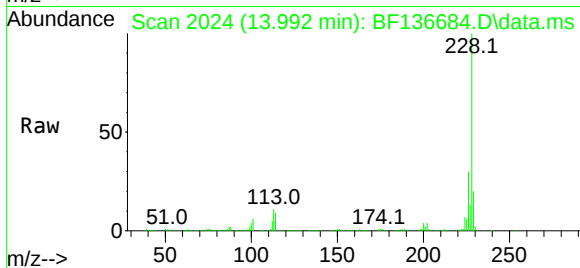
229 19.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.115 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

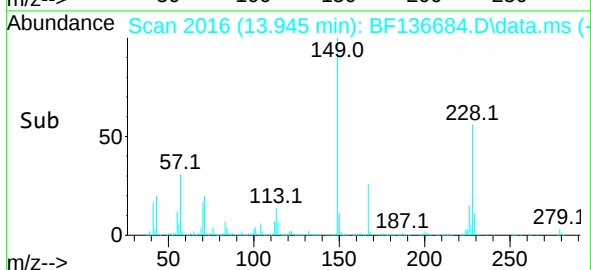
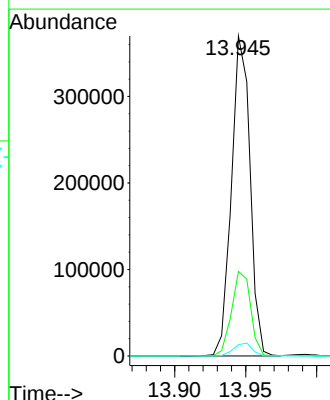
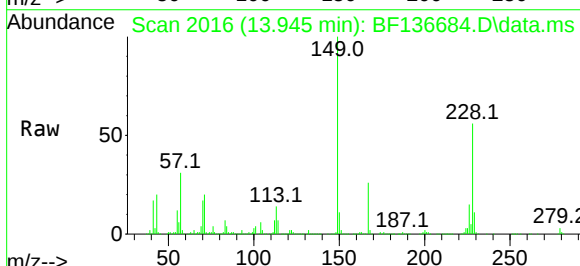
Tgt Ion:149 Resp: 337197

Ion Ratio Lower Upper

149 100

167 26.5 20.9 31.3

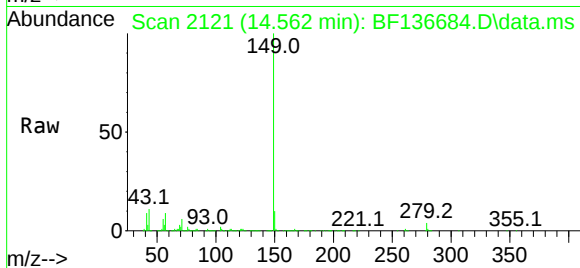
279 3.5 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.320 ng
RT: 14.562 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

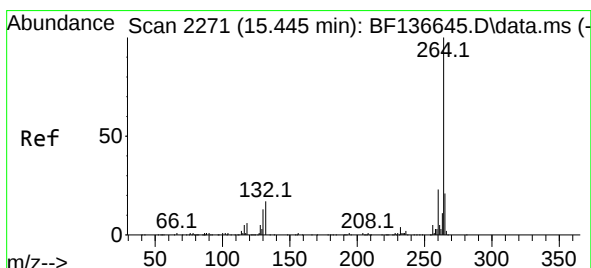
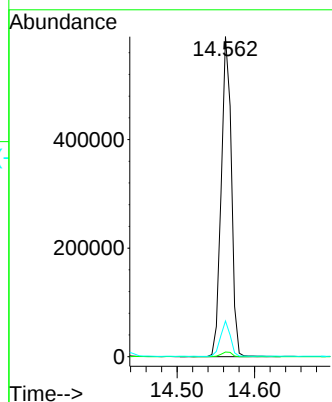
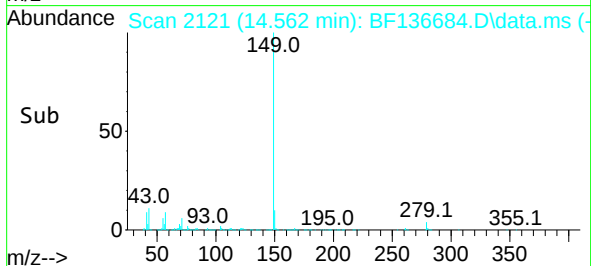
Instrument :
BNA_F
ClientSampleId :
PB157714BS



Tgt Ion:149 Resp: 53616
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 8.9 13.3

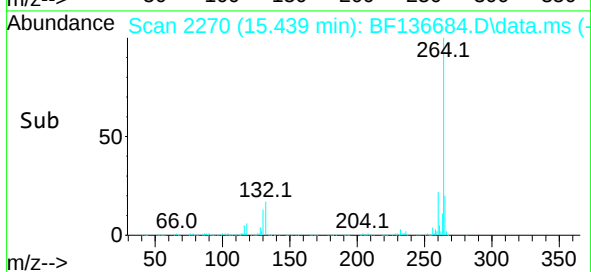
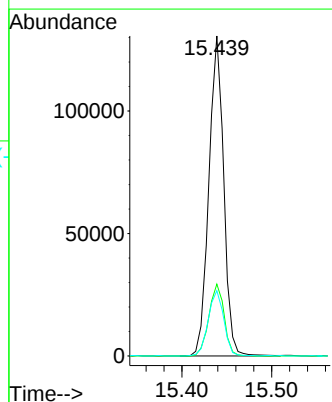
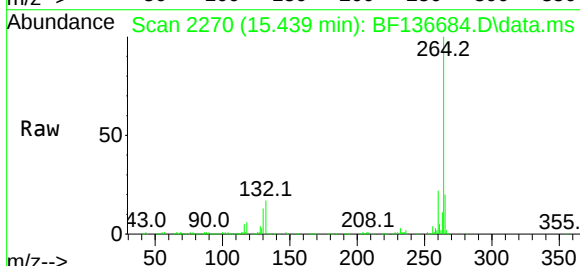
Manual Integrations
APPROVED

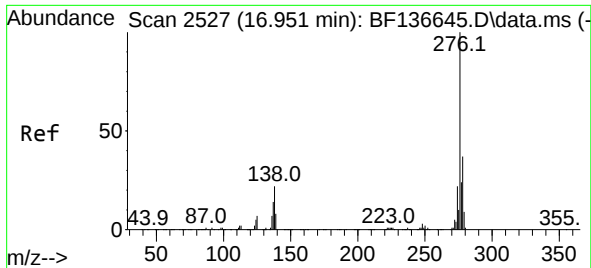
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Tgt Ion:264 Resp: 150095
Ion Ratio Lower Upper
264 100
260 22.5 18.3 27.5
265 20.4 17.0 25.6





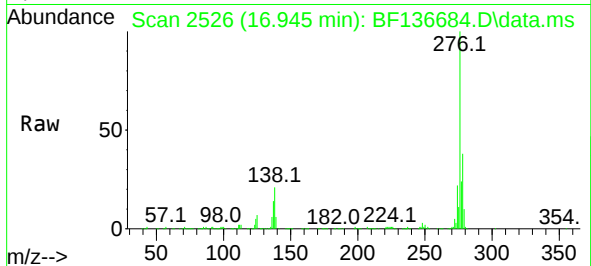
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.720 ng
RT: 16.945 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

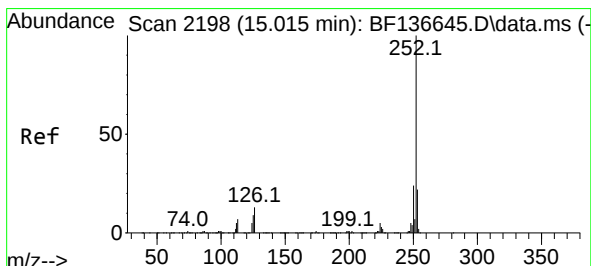
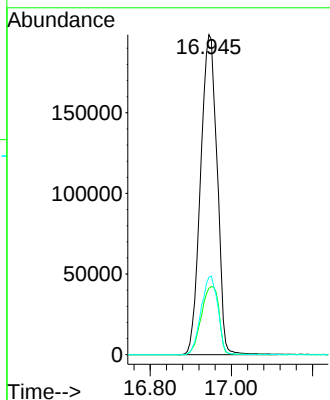
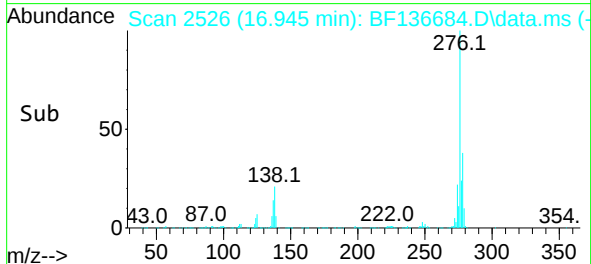
PB157714BS



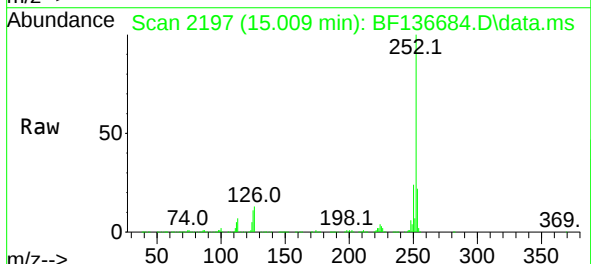
Tgt Ion:276 Resp: 560494
Ion Ratio Lower Upper
276 100
138 22.7 18.7 28.1
277 24.8 20.2 30.2

Manual Integrations
APPROVED

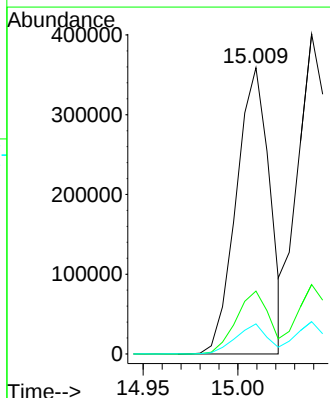
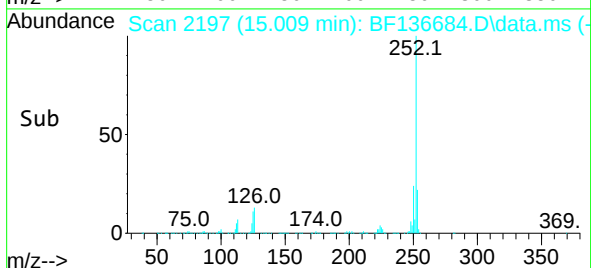
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

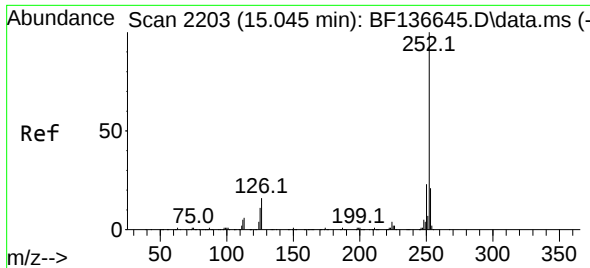


#88
Benzo(b)fluoranthene
Concen: 43.870 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:252 Resp: 439796
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.5 7.4 11.2





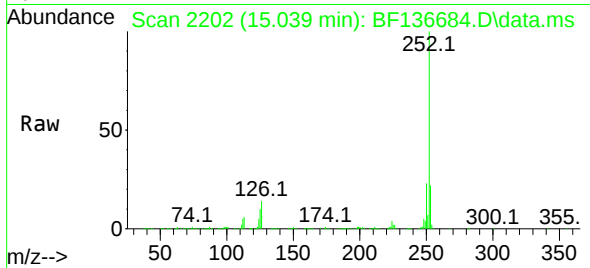
#89
Benzo(k)fluoranthene
Concen: 45.121 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

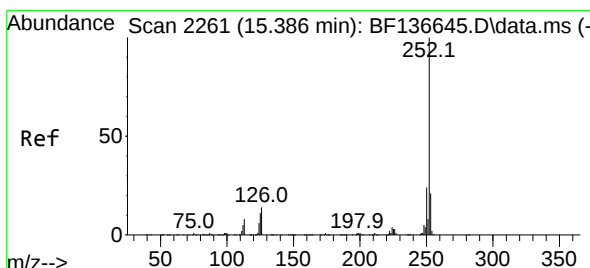
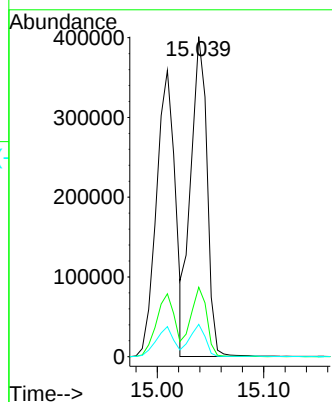
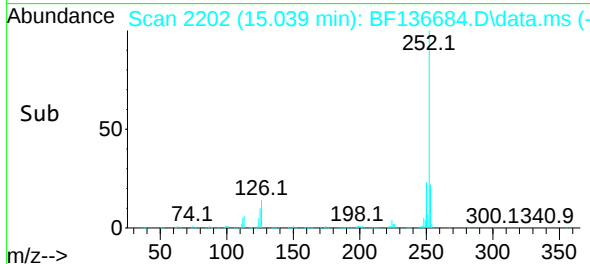


Tgt Ion:252 Resp: 427420
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.1 8.2 12.4

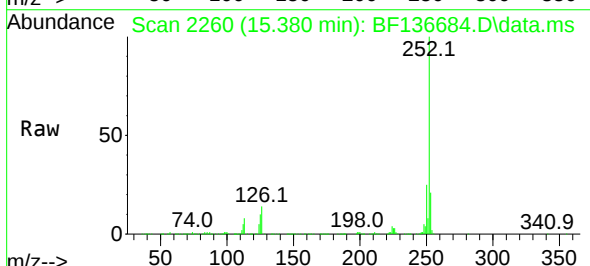
Manual Integrations

APPROVED

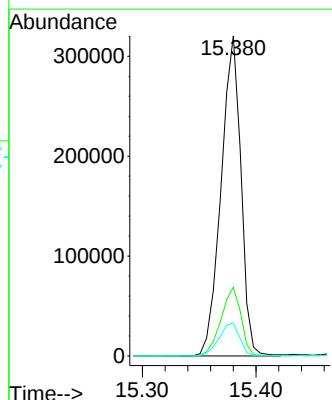
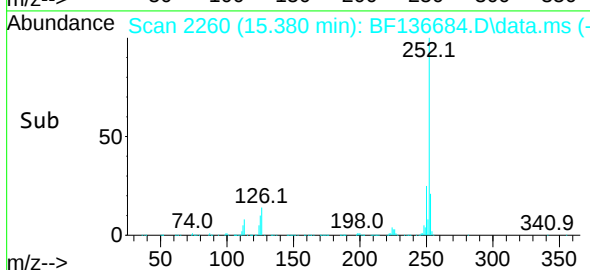
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

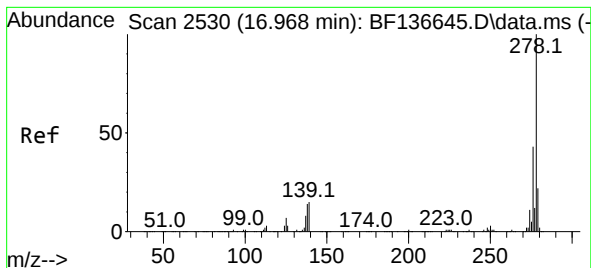


#90
Benzo(a)pyrene
Concen: 45.980 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136684.D
Acq: 22 Dec 2023 13:58



Tgt Ion:252 Resp: 389091
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 52.020 ng

RT: 16.962 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB157714BS

Tgt Ion:278 Resp: 462494

Ion Ratio Lower Upper

278 100

139 14.4 12.2 18.4

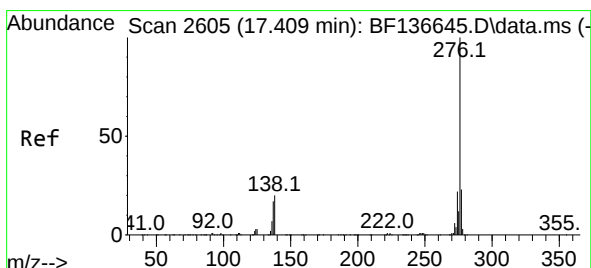
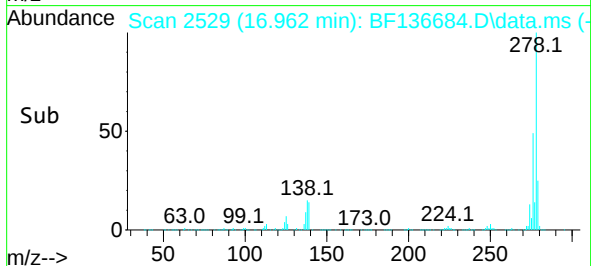
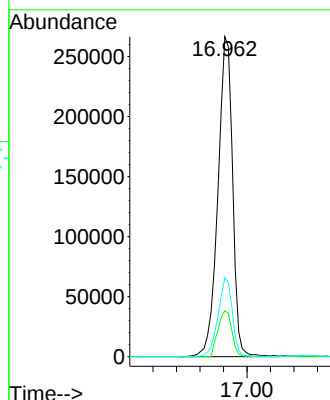
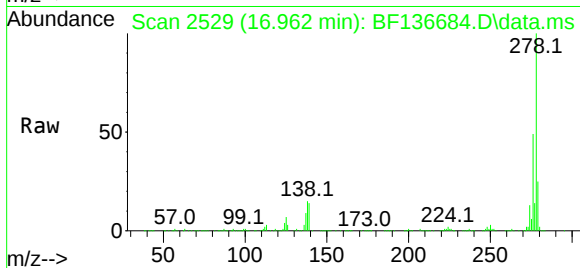
279 24.7 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#92

Benzo(g,h,i)perylene

Concen: 50.948 ng

RT: 17.403 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF136684.D

Acq: 22 Dec 2023 13:58

Tgt Ion:276 Resp: 463928

Ion Ratio Lower Upper

276 100

277 22.9 18.3 27.5

138 19.4 15.6 23.4

