

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136682.D
 Acq On : 22 Dec 2023 12:55
 Operator : CG\JU
 Sample : PB157642BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157642BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 13:12:54 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	6.787	152	91169	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	378658	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	189817	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	360991	20.000	ng	0.00
76) Chrysene-d12	13.968	240	173750	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	156267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	688494	117.830	ng	0.01
7) Phenol-d6	6.439	99	858481	113.387	ng	0.00
23) Nitrobenzene-d5	7.351	82	543407	73.435	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	247099	110.533	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1005699	71.261	ng	0.00
79) Terphenyl-d14	12.910	244	1006793	80.976	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	73910	30.358	ng	98
3) Pyridine	3.393	79	179524	30.222	ng	99
4) n-Nitrosodimethylamine	3.357	42	128655	40.558	ng	98
6) Aniline	6.451	93	194877	25.744	ng	# 1
8) 2-Chlorophenol	6.575	128	271143	42.404	ng	97
9) Benzaldehyde	6.339	77	69716	16.188	ng	99
10) Phenol	6.451	94	316807	39.197	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	255038	41.493	ng	100
12) 1,3-Dichlorobenzene	6.728	146	266797	38.248	ng	98
13) 1,4-Dichlorobenzene	6.804	146	277738	38.968	ng	99
14) 1,2-Dichlorobenzene	6.951	146	264154	39.829	ng	99
15) Benzyl Alcohol	6.934	79	217352	42.552	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	416739	41.470	ng	99
17) 2-Methylphenol	7.051	107	215051	40.597	ng	96
18) Hexachloroethane	7.292	117	100797	38.941	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	182124	39.682	ng	99
20) 3+4-Methylphenols	7.204	107	258231	39.020	ng	# 74
22) Acetophenone	7.198	105	370935	39.083	ng	98
24) Nitrobenzene	7.369	77	279676	37.729	ng	99
25) Isophorone	7.610	82	508586	37.772	ng	99
26) 2-Nitrophenol	7.686	139	143232	40.386	ng	97
27) 2,4-Dimethylphenol	7.728	122	216895	50.234	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	314387	38.412	ng	99
29) 2,4-Dichlorophenol	7.928	162	216167	38.888	ng	100
30) 1,2,4-Trichlorobenzene	8.004	180	235473	38.020	ng	97
31) Naphthalene	8.086	128	784407	37.707	ng	100
32) Benzoic acid	7.875	122	161045	38.549	ng	99
33) 4-Chloroaniline	8.139	127	172802	22.498	ng	96
34) Hexachlorobutadiene	8.198	225	136017	36.147	ng	99
35) Caprolactam	8.522	113	71790m	39.148	ng	
36) 4-Chloro-3-methylphenol	8.633	107	238972	38.187	ng	99
37) 2-Methylnaphthalene	8.775	142	492346	36.776	ng	100
38) 1-Methylnaphthalene	8.875	142	465497	35.440	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	231886	39.446	ng	99
41) Hexachlorocyclopentadiene	8.928	237	173854	91.974	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	150368	39.885	ng	99

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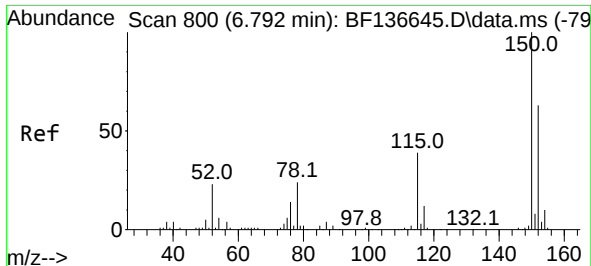
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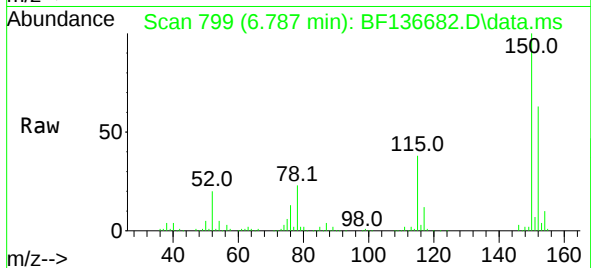
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	168972	40.220	ng	# 94
46) 1,1'-Biphenyl	9.245	154	616390	38.697	ng	98
47) 2-Chloronaphthalene	9.269	162	465637	38.453	ng	100
48) 2-Nitroaniline	9.369	65	155650	41.047	ng	99
49) Acenaphthylene	9.686	152	753391	40.705	ng	99
50) Dimethylphthalate	9.551	163	549441	39.629	ng	99
51) 2,6-Dinitrotoluene	9.616	165	119654	38.026	ng	91
52) Acenaphthene	9.857	154	437293	38.114	ng	99
53) 3-Nitroaniline	9.786	138	103186	30.957	ng	90
54) 2,4-Dinitrophenol	9.898	184	137743	79.032	ng	89
55) Dibenzofuran	10.033	168	662984	38.121	ng	98
56) 4-Nitrophenol	9.963	139	174812	77.689	ng	98
57) 2,4-Dinitrotoluene	10.022	165	153558	37.592	ng	97
58) Fluorene	10.375	166	526719	38.169	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138647	42.872	ng	99
60) Diethylphthalate	10.251	149	562339	39.091	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	251784	37.537	ng	98
62) 4-Nitroaniline	10.404	138	113032m	35.176	ng	
63) Azobenzene	10.527	77	525149	39.085	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	86512	41.817	ng	96
66) n-Nitrosodiphenylamine	10.492	169	481841	41.089	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	158816	39.614	ng	99
68) Hexachlorobenzene	10.922	284	174370	39.029	ng	96
69) Atrazine	11.022	200	116678	38.901	ng	97
70) Pentachlorophenol	11.122	266	151213	72.612	ng	98
71) Phenanthrene	11.339	178	743430	40.136	ng	98
72) Anthracene	11.392	178	743907	39.657	ng	99
73) Carbazole	11.551	167	684619	38.710	ng	100
74) Di-n-butylphthalate	11.880	149	862771	39.978	ng	100
75) Fluoranthene	12.533	202	746874	37.696	ng	99
77) Benzidine	12.657	184	29161	5.692	ng	99
78) Pyrene	12.763	202	741216	43.457	ng	99
80) Butylbenzylphthalate	13.386	149	281061	45.286	ng	98
81) Benzo(a)anthracene	13.957	228	492495	40.820	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	140582	41.030	ng	98
83) Chrysene	13.992	228	475626	40.313	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	348197	44.591	ng	97
85) Di-n-octyl phthalate	14.562	149	549725	45.511	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	571718	50.672	ng	100
88) Benzo(b)fluoranthene	15.009	252	442740	42.419	ng	100
89) Benzo(k)fluoranthene	15.039	252	434647	44.072	ng	98
90) Benzo(a)pyrene	15.380	252	393803	44.699	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	473868	51.194	ng	97
92) Benzo(g,h,i)perylene	17.403	276	478058	50.426	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

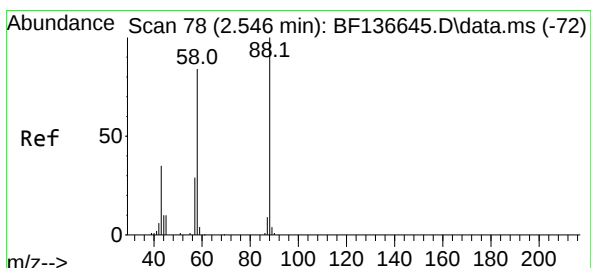
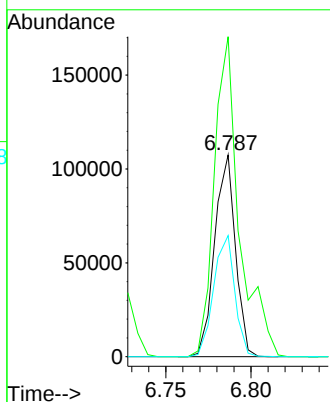
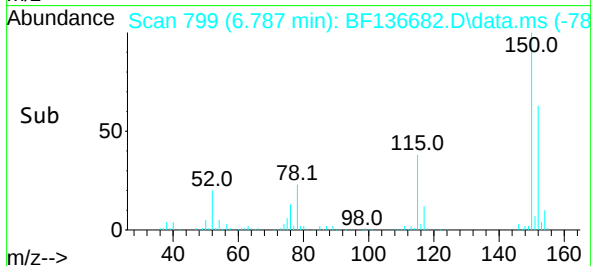
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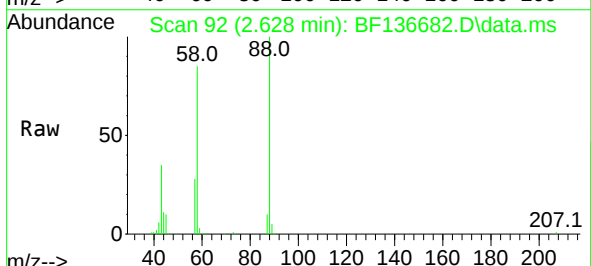
Tgt Ion:152 Resp: 91169
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 60.0 49.0 73.4

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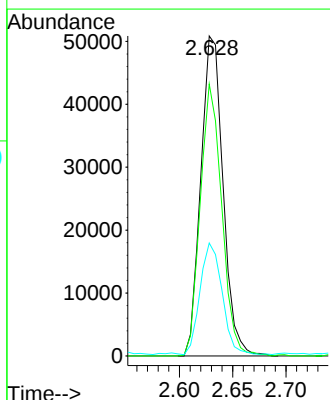
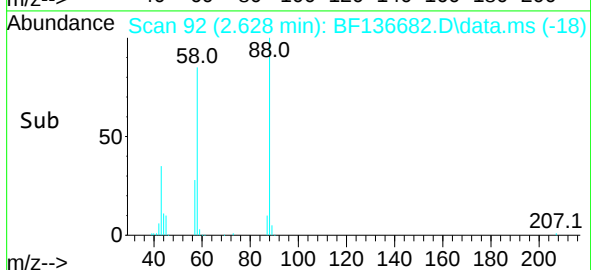
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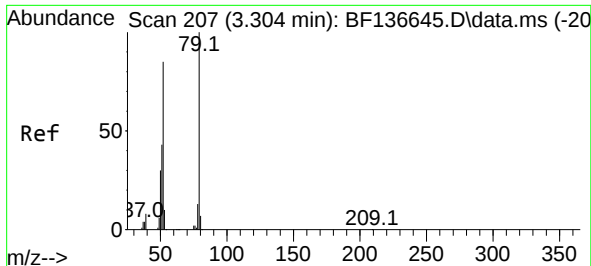


#2
1,4-Dioxane
Concen: 30.358 ng
RT: 2.628 min Scan# 92
Delta R.T. 0.082 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



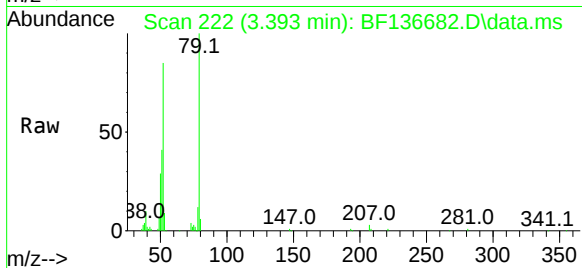
Tgt Ion: 88 Resp: 73910
Ion Ratio Lower Upper
88 100
58 82.2 67.4 101.0
43 34.1 27.7 41.5





#3
Pyridine
Concen: 30.222 ng
RT: 3.393 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

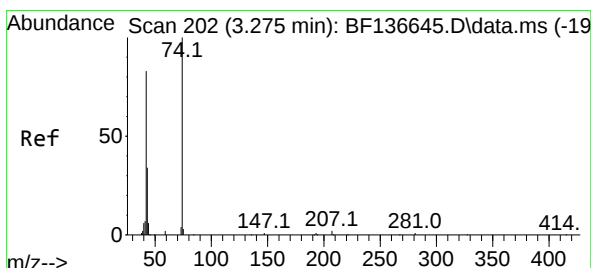
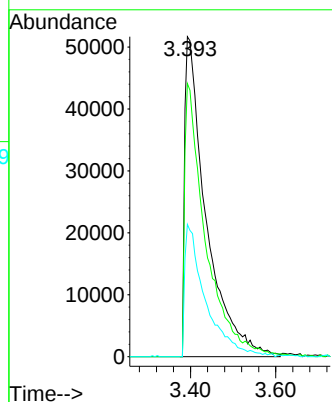
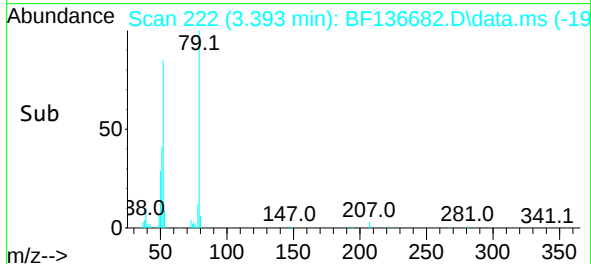
Instrument :
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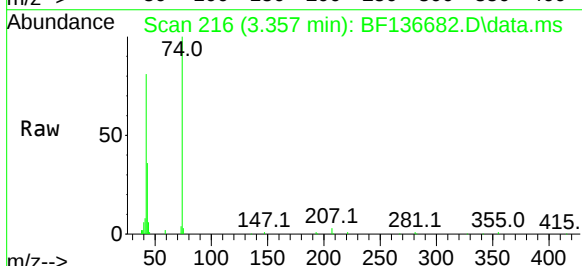
Tgt Ion: 79 Resp: 179524
Ion Ratio Lower Upper
79 100
52 85.3 67.7 101.5
51 41.3 34.0 51.0

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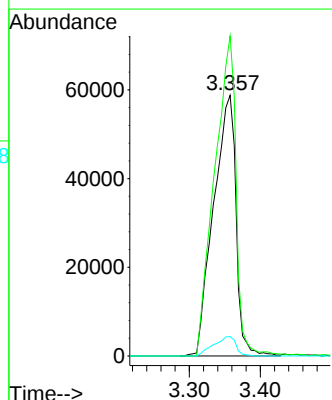
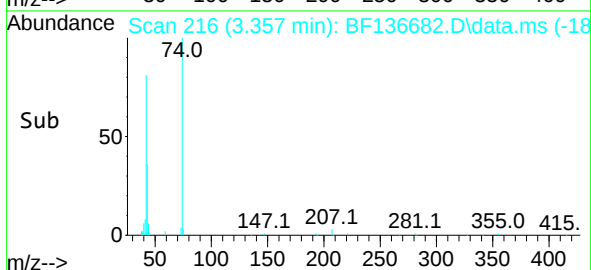
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#4
n-Nitrosodimethylamine
Concen: 40.558 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion: 42 Resp: 128655
Ion Ratio Lower Upper
42 100
74 122.8 96.0 144.0
44 7.4 5.4 8.2





#5
2-Fluorophenol
Concen: 117.830 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

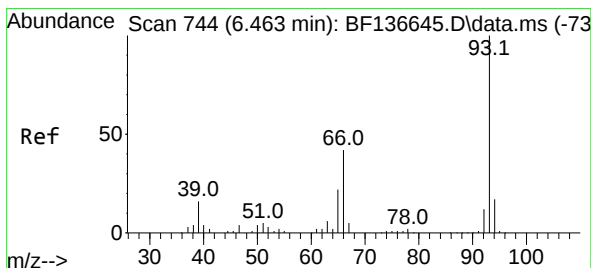
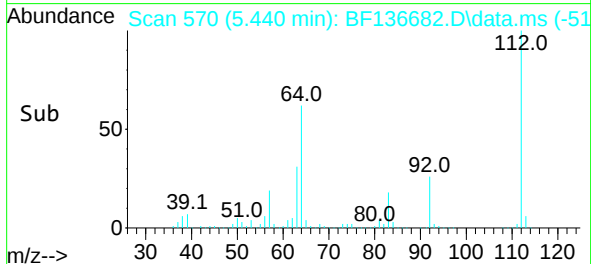
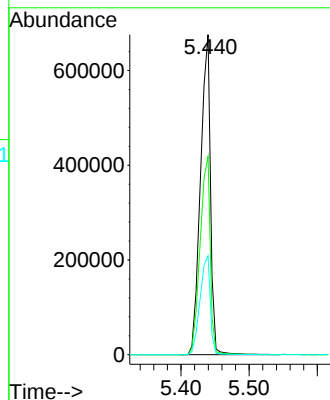
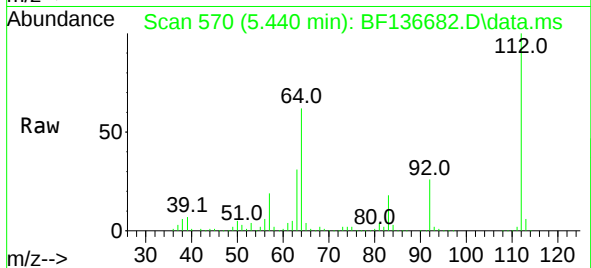
ClientSampleId :

PB157642BS

Tgt Ion:112 Resp: 688494
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 30.9 26.1 39.1

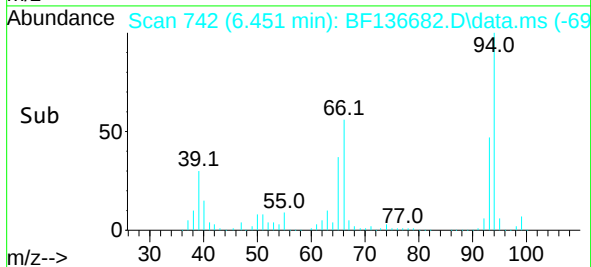
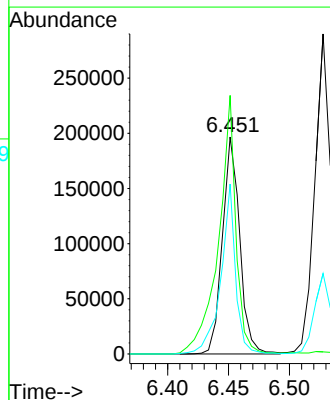
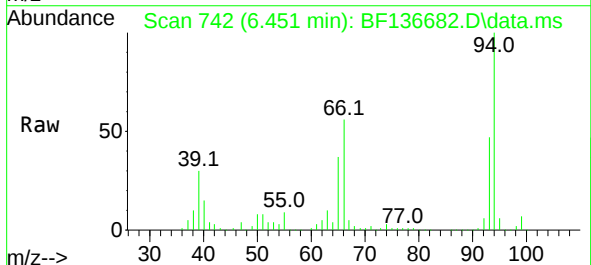
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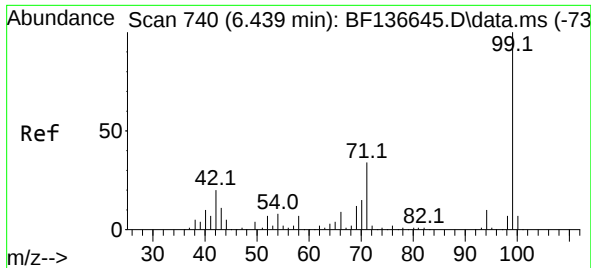
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#6
Aniline
Concen: 25.744 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion: 93 Resp: 194877
Ion Ratio Lower Upper
93 100
66 119.2 34.6 51.8#
65 78.4 17.8 26.8#





#7

Phenol-d6

Concen: 113.387 ng

RT: 6.439 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF136682.D

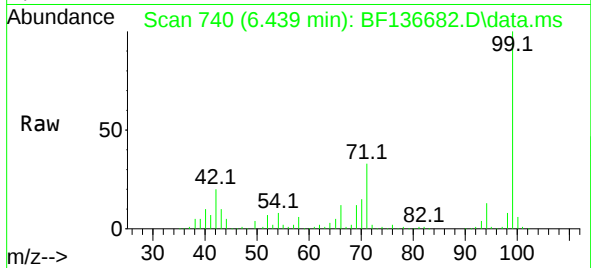
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 85848

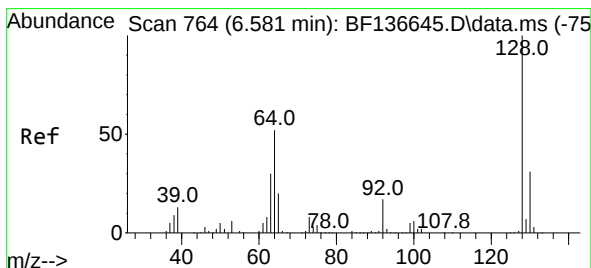
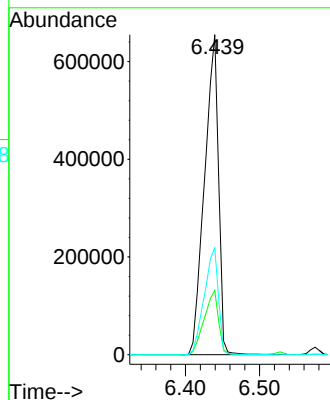
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.1	24.1
71	33.4	27.4	41.2

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#8

2-Chlorophenol

Concen: 42.404 ng

RT: 6.575 min Scan# 763

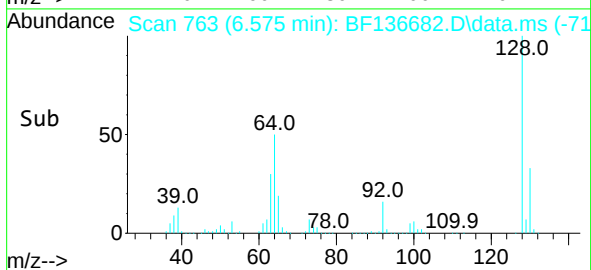
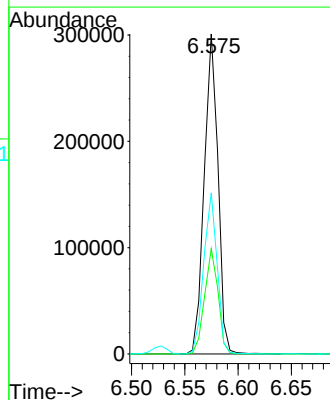
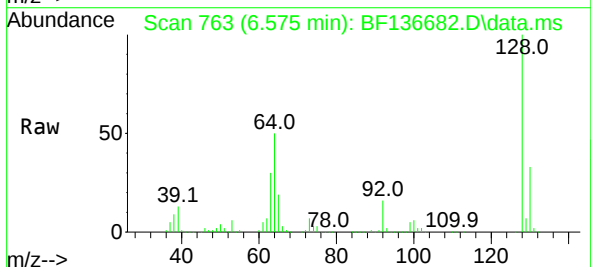
Delta R.T. -0.006 min

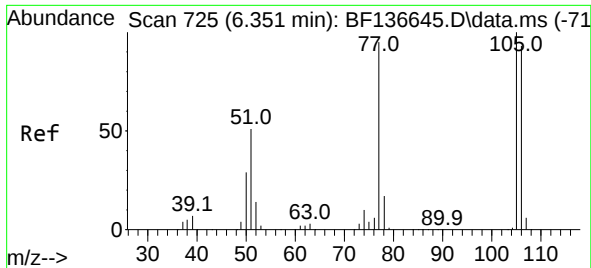
Lab File: BF136682.D

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Tgt Ion:128 Resp: 271143

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.3	51.3
64	50.4	32.5	72.5





#9

Benzaldehyde

Concen: 16.188 ng

RT: 6.339 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

Tgt Ion: 77 Resp: 69710

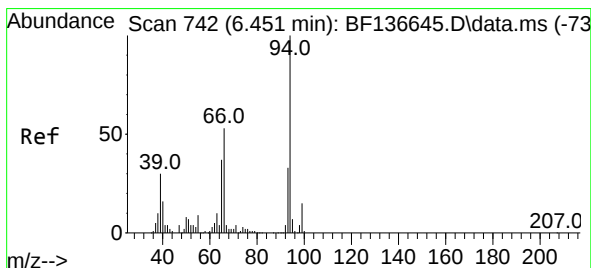
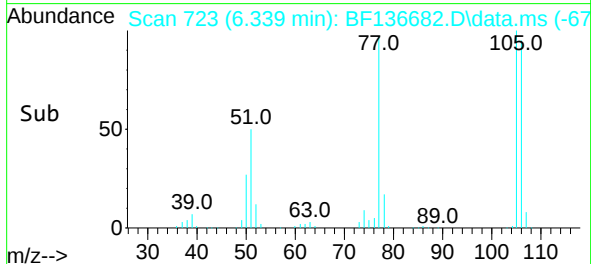
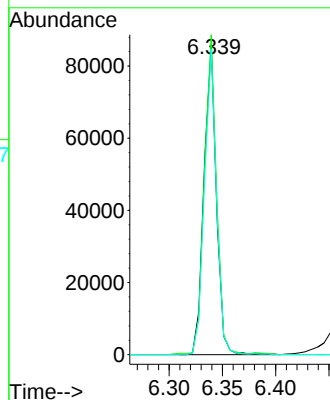
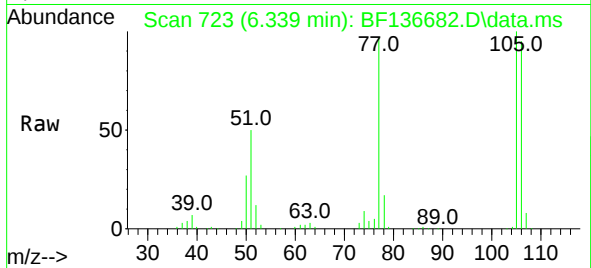
Ion	Ratio	Lower	Upper
77	100		
105	103.3	84.8	124.8
106	98.6	77.8	117.8

Manual Integrations

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#10

Phenol

Concen: 39.197 ng

RT: 6.451 min Scan# 742

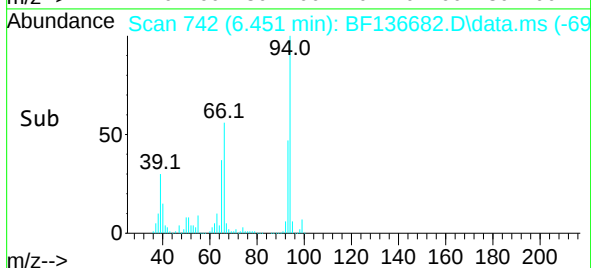
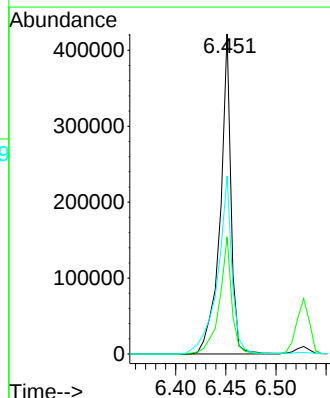
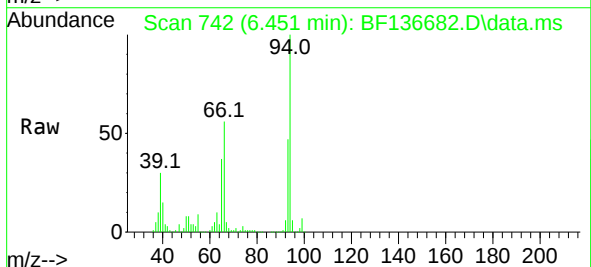
Delta R.T. 0.000 min

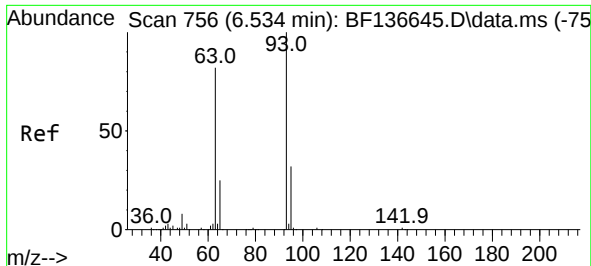
Lab File: BF136682.D

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Tgt Ion: 94 Resp: 316807

Ion	Ratio	Lower	Upper
94	100		
65	36.5	16.6	56.6
66	55.6	32.6	72.6





#11

bis(2-Chloroethyl)ether

Concen: 41.493 ng

RT: 6.528 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

Tgt Ion: 93 Resp: 255038

Ion Ratio Lower Upper

93 100

63 81.6 61.2 101.2

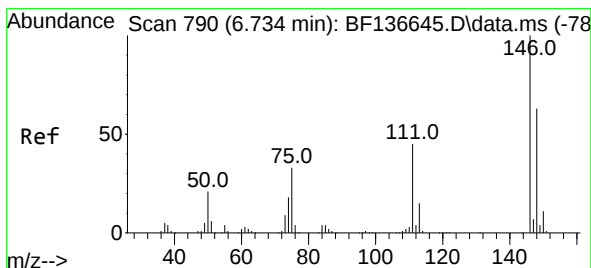
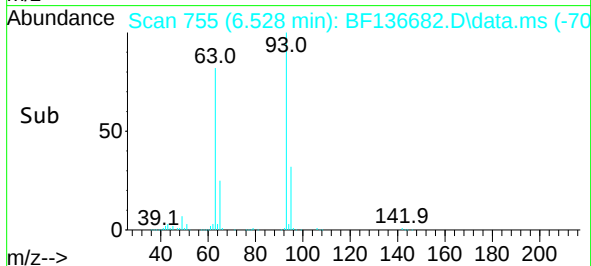
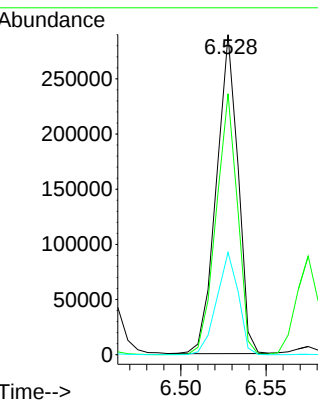
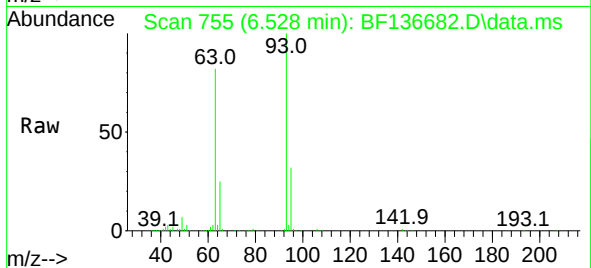
95 31.9 11.6 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#12

1,3-Dichlorobenzene

Concen: 38.248 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

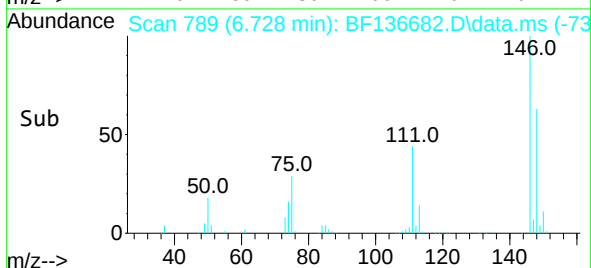
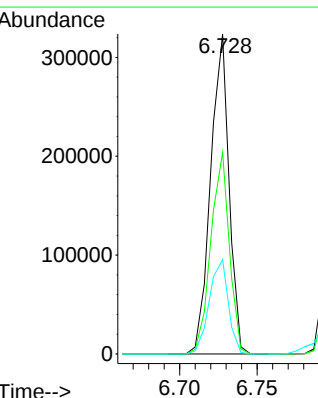
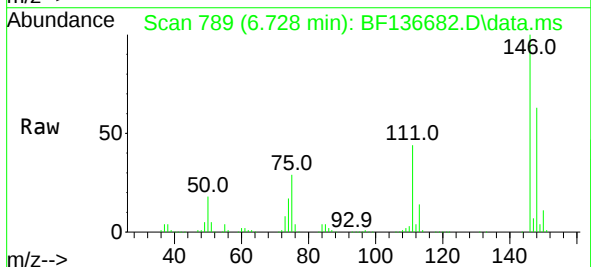
Tgt Ion:146 Resp: 266797

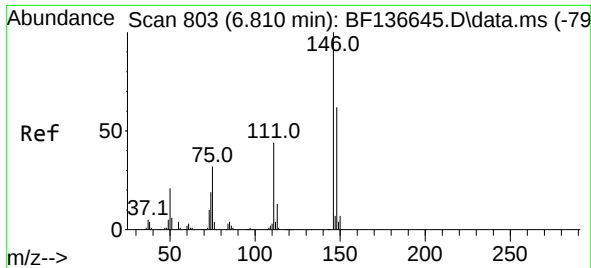
Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

75 29.5 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 38.968 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

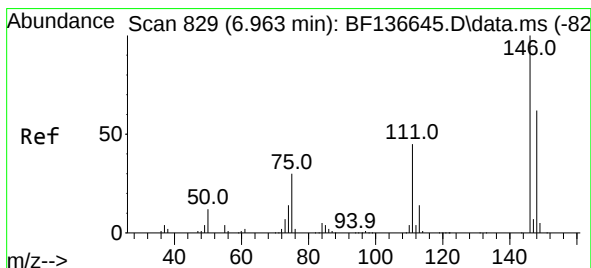
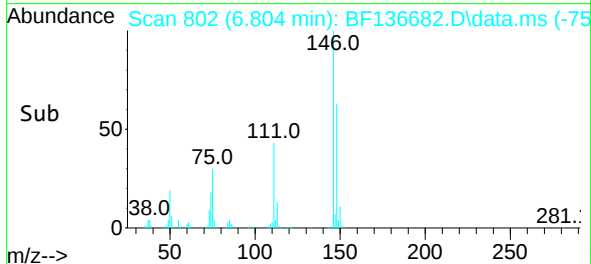
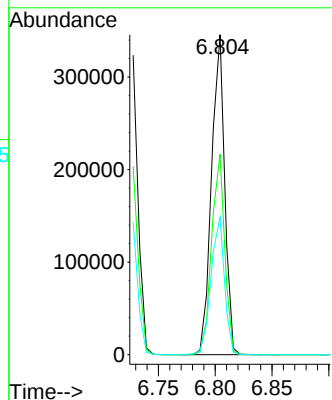
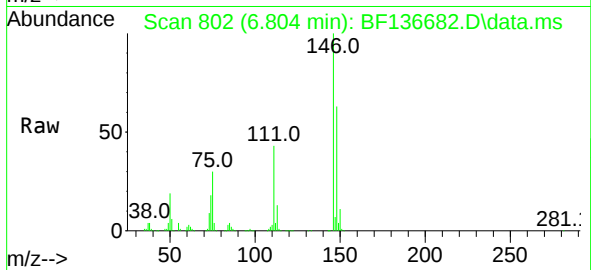
PB157642BS

Tgt Ion:146 Resp: 277738
Ion Ratio Lower Upper
146 100
148 62.6 49.2 73.8
111 43.0 35.2 52.8

Manual Integrations

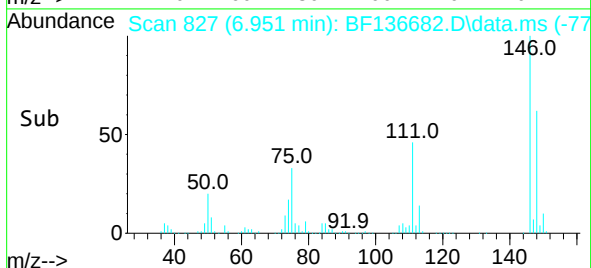
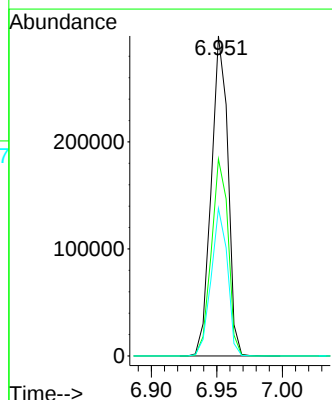
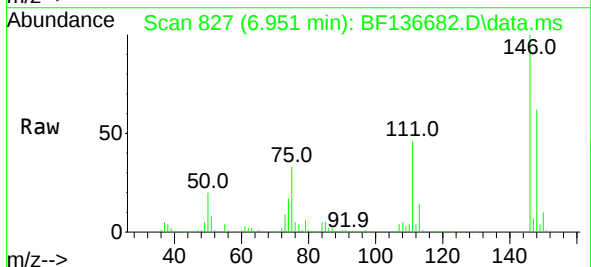
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 39.829 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

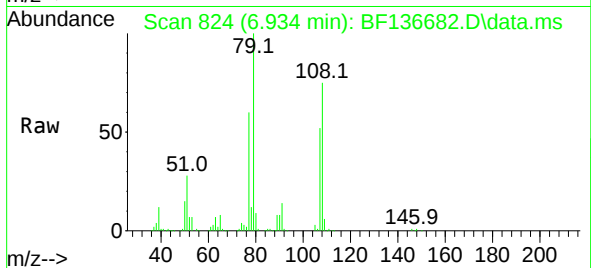
Tgt Ion:146 Resp: 264154
Ion Ratio Lower Upper
146 100
148 61.6 49.6 74.4
111 46.1 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.552 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

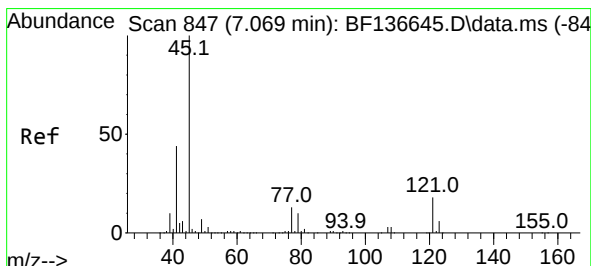
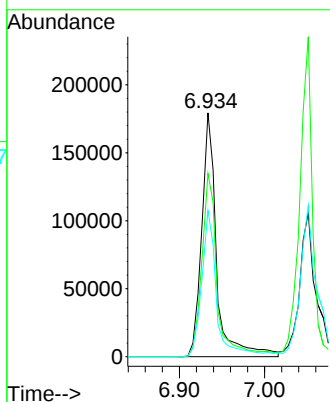
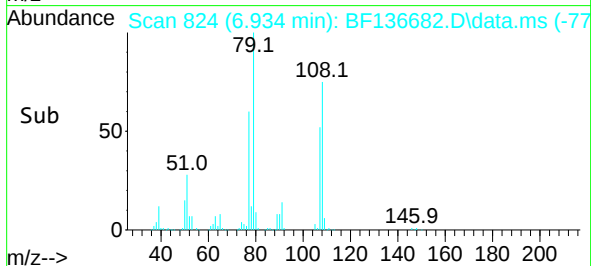
Instrument :
BNA_F
ClientSampleId :
PB157642BS



Tgt Ion: 79 Resp: 217352
Ion Ratio Lower Upper
79 100
108 75.2 61.0 91.6
77 59.9 49.8 74.8

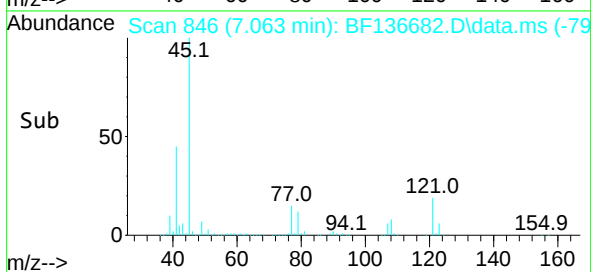
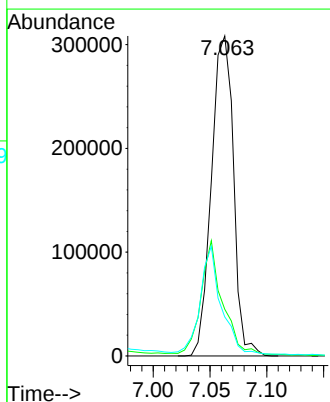
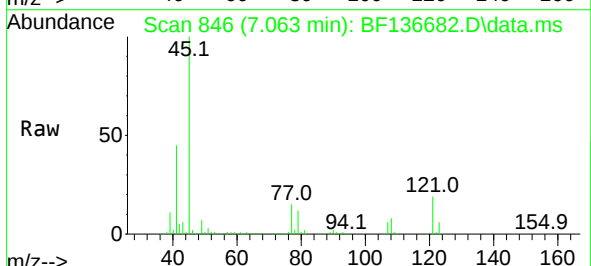
Manual Integrations
APPROVED

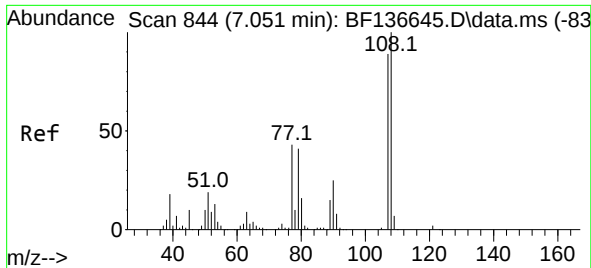
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.470 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

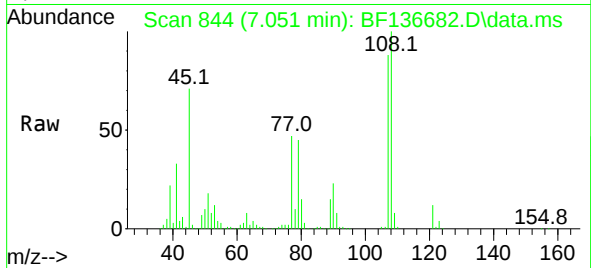
Tgt Ion: 45 Resp: 416739
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.3
79 12.2 0.0 31.4





#17
2-Methylphenol
Concen: 40.597 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

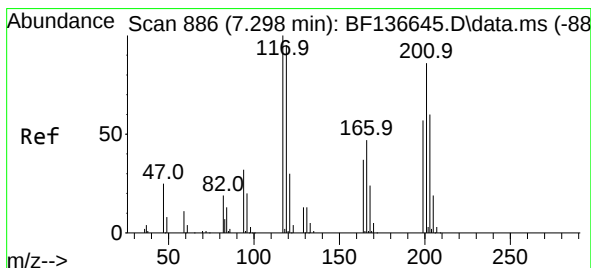
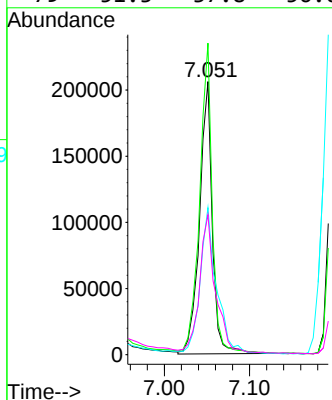
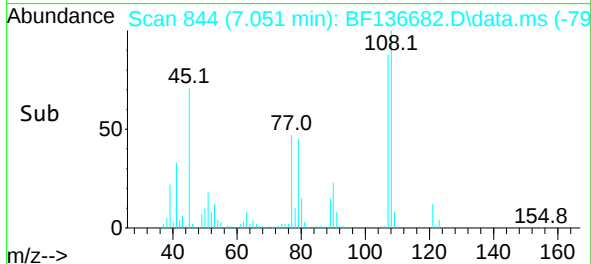
Instrument :
BNA_F
ClientSampleId :
PB157642BS



Tgt Ion:107 Resp: 21505
Ion Ratio Lower Upper
107 100
108 114.0 90.3 135.5
77 53.8 38.7 58.1
79 51.3 37.8 56.6

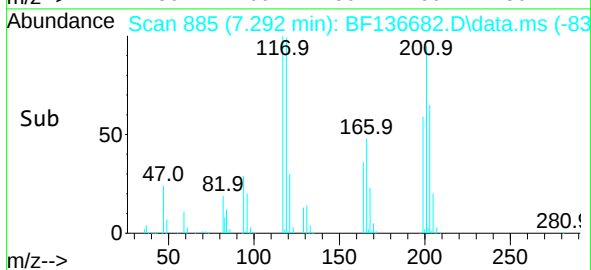
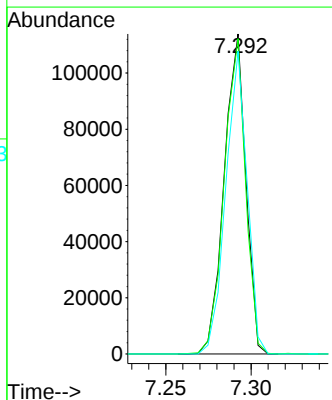
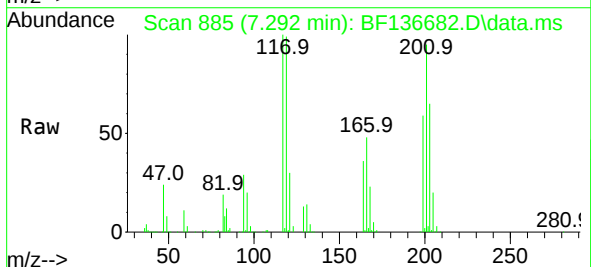
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 38.941 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

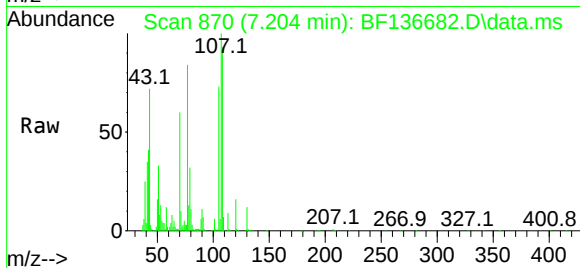
Tgt Ion:117 Resp: 100797
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
201 94.6 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.682 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

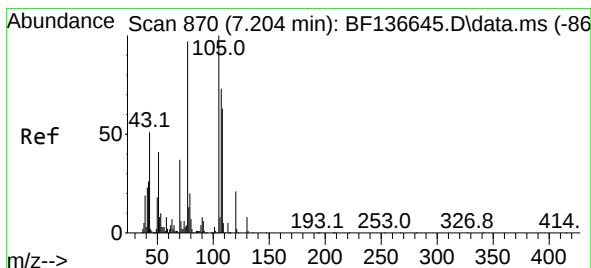
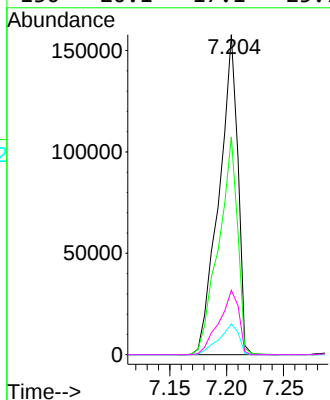
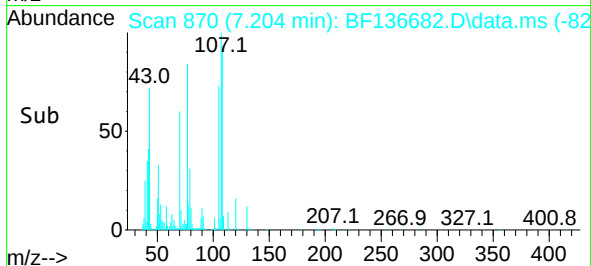
Instrument :
BNA_F
ClientSampleId :
PB157642BS



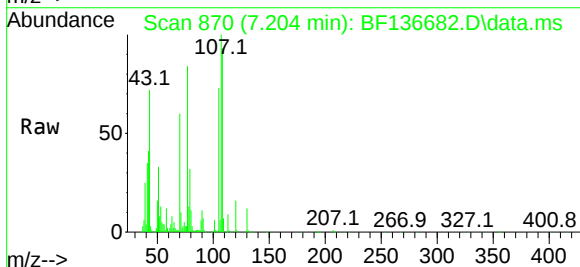
Tgt Ion: 70 Resp: 182124
Ion Ratio Lower Upper
70 100
42 68.0 54.2 81.4
101 9.6 7.6 11.4
130 20.1 17.1 25.7

Manual Integrations
APPROVED

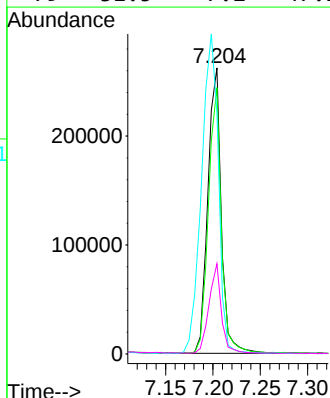
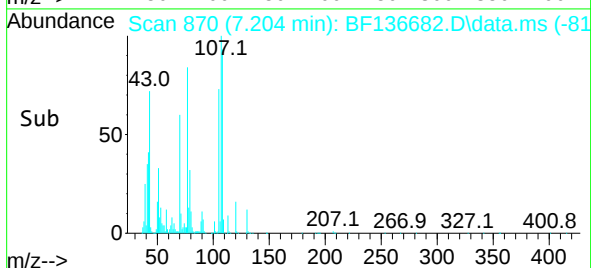
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#20
3+4-Methylphenols
Concen: 39.020 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:107 Resp: 258231
Ion Ratio Lower Upper
107 100
108 93.1 66.0 106.0
77 84.4 114.2 154.2#
79 31.5 7.2 47.2





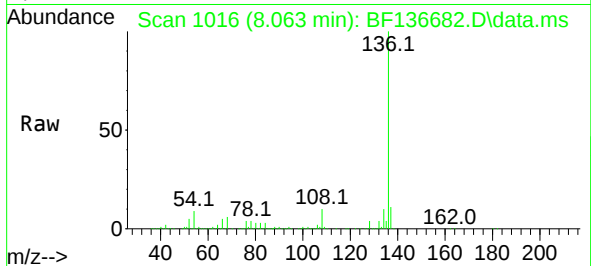
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

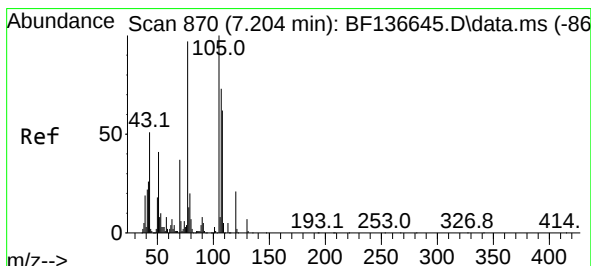
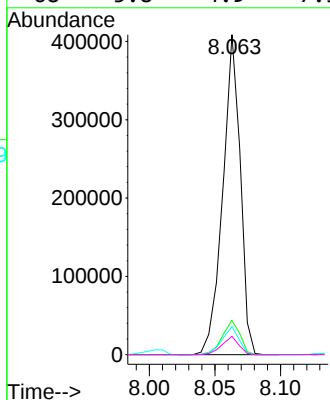
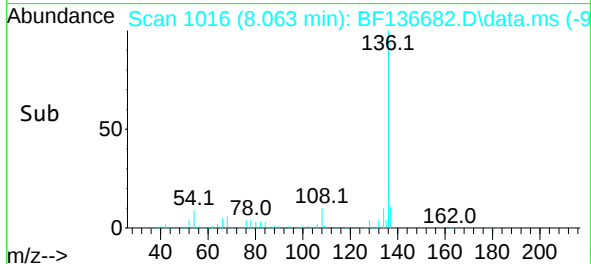


Tgt Ion:136 Resp: 378658
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.8 7.2 10.8
68 5.8 4.9 7.3

Manual Integrations

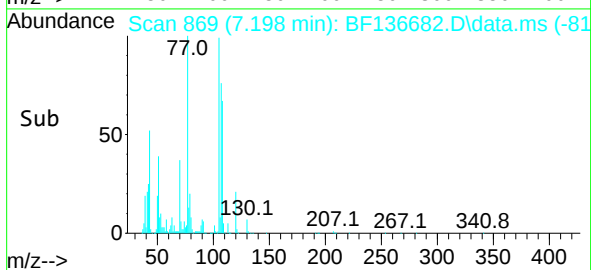
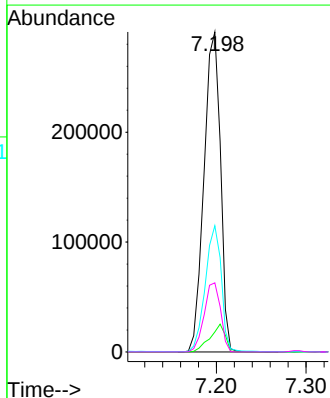
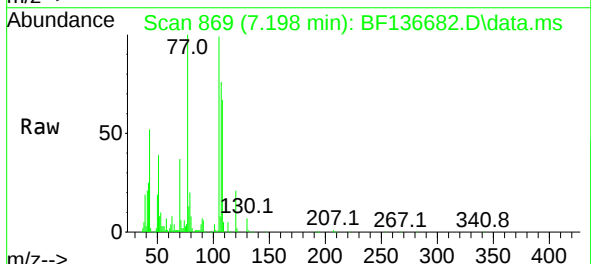
APPROVED

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



#22
Acetophenone
Concen: 39.083 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion:105 Resp: 370935
Ion Ratio Lower Upper
105 100
71 6.3 4.8 7.2
51 39.5 32.8 49.2
120 21.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 73.435 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

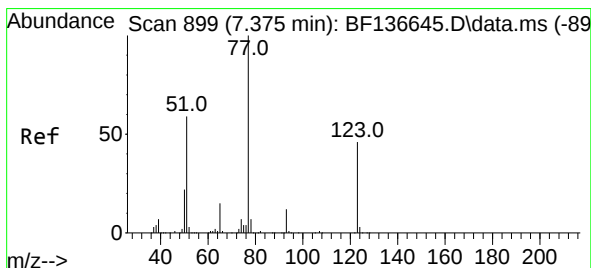
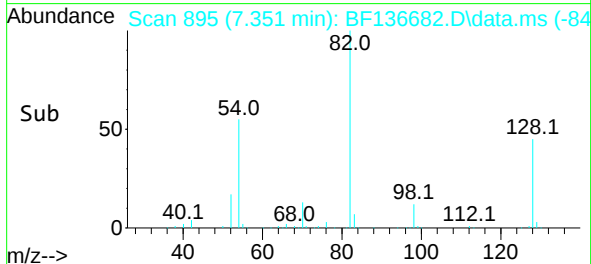
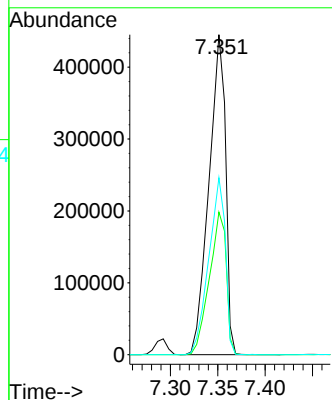
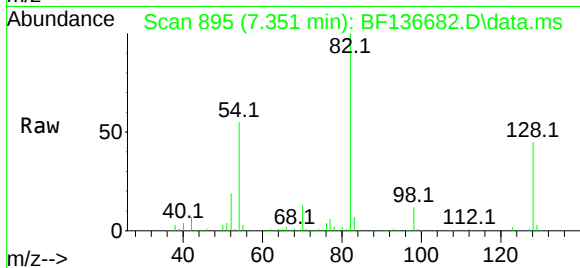
ClientSampleId :

PB157642BS

Tgt Ion: 82 Resp: 54340
Ion Ratio Lower Upper
82 100
128 44.6 35.3 52.9
54 55.3 44.5 66.7

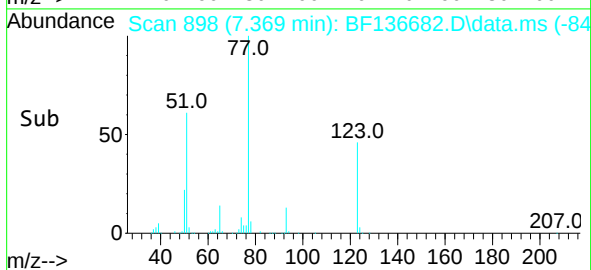
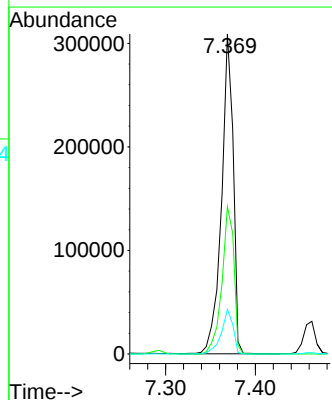
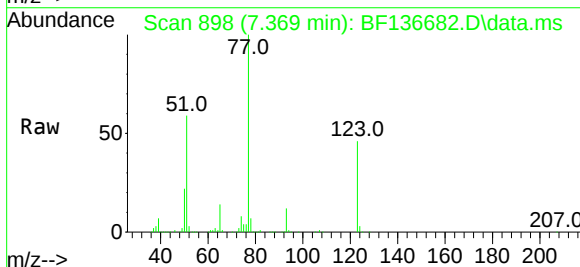
Manual Integrations
APPROVED

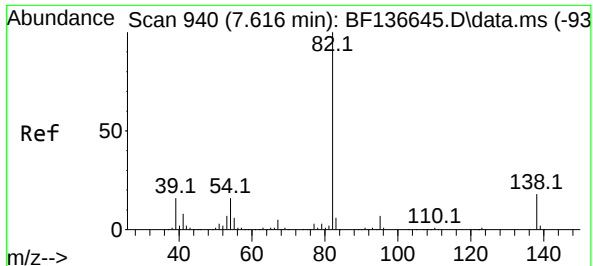
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#24
Nitrobenzene
Concen: 37.729 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion: 77 Resp: 279676
Ion Ratio Lower Upper
77 100
123 46.1 36.7 55.1
65 14.0 11.8 17.6





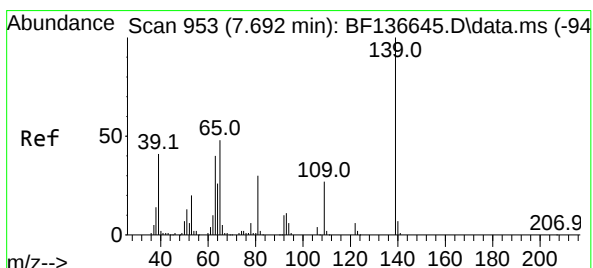
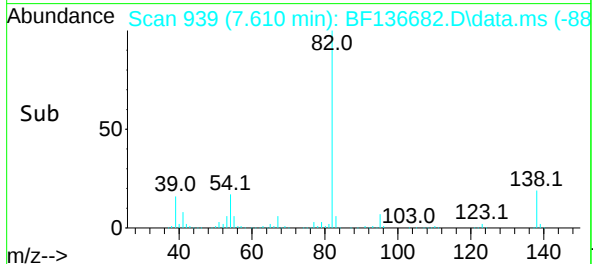
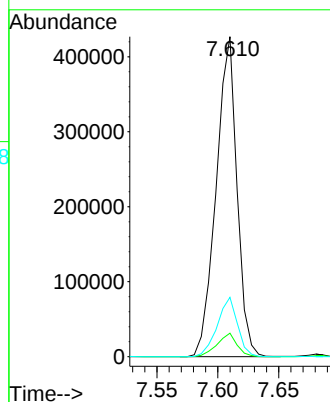
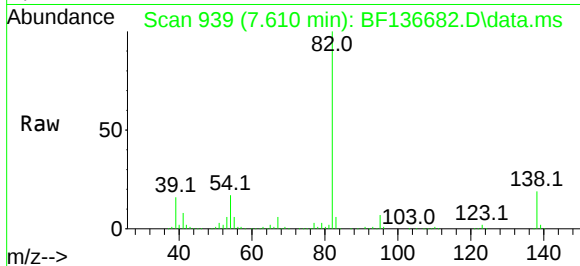
#25
Isophorone
Concen: 37.772 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :
BNA_F
ClientSampleId :
PB157642BS

Tgt Ion: 82 Resp: 508580
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.5 14.5 21.7

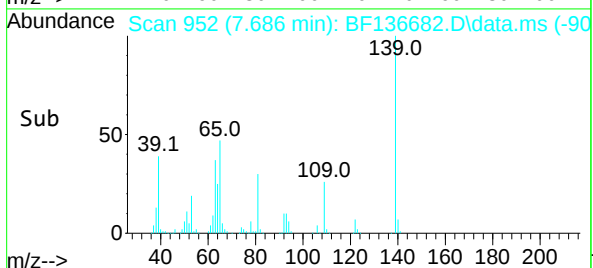
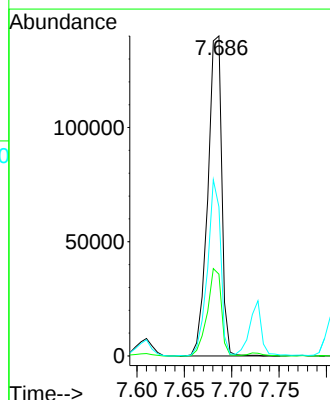
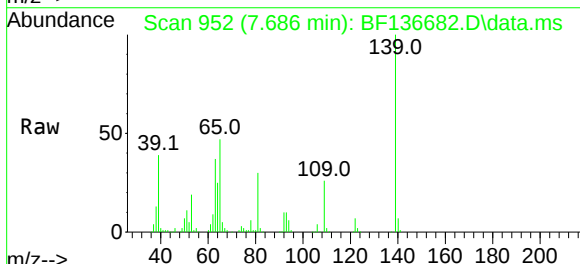
Manual Integrations
APPROVED

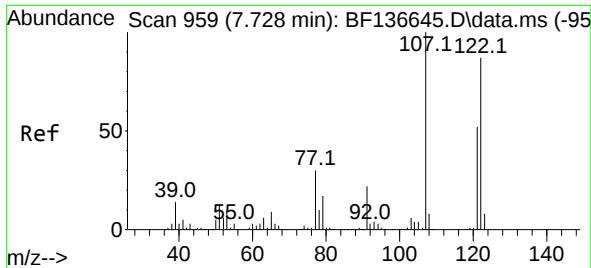
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#26
2-Nitrophenol
Concen: 40.386 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion:139 Resp: 143232
Ion Ratio Lower Upper
139 100
109 25.6 21.9 32.9
65 46.6 38.6 58.0





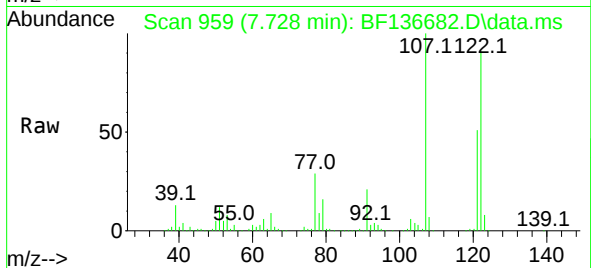
#27
2,4-Dimethylphenol
Concen: 50.234 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

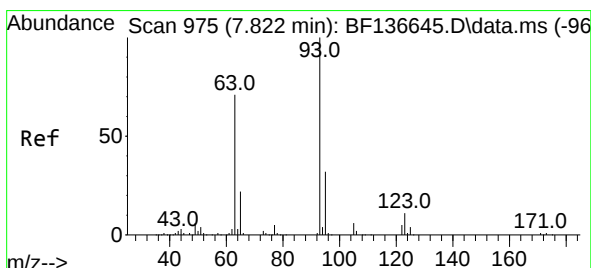
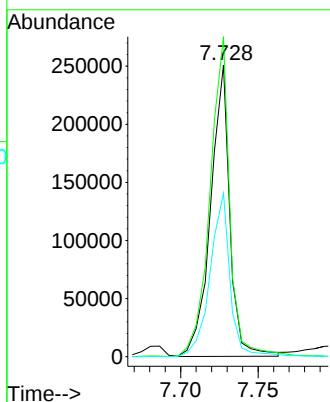
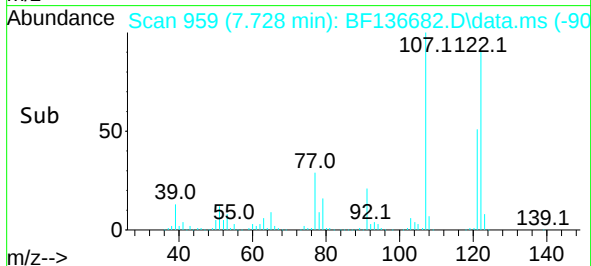
PB157642BS



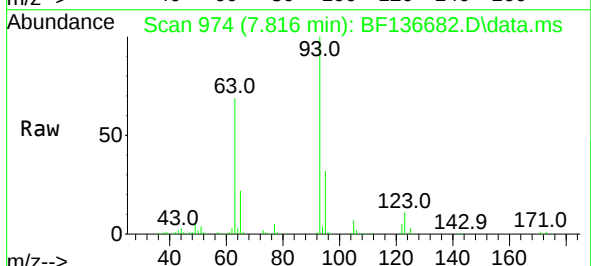
Tgt Ion:122 Resp: 21689
Ion Ratio Lower Upper
122 100
107 109.7 92.0 138.0
121 56.0 47.5 71.3

Manual Integrations
APPROVED

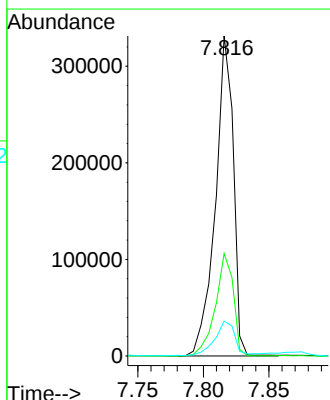
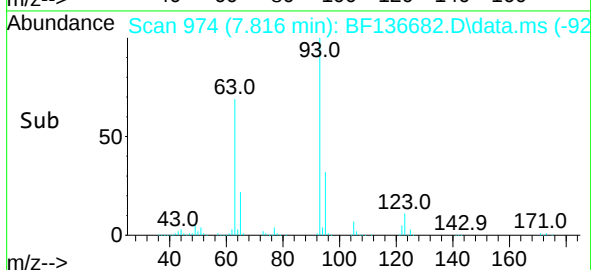
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.412 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion: 93 Resp: 314387
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.888 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136682.D

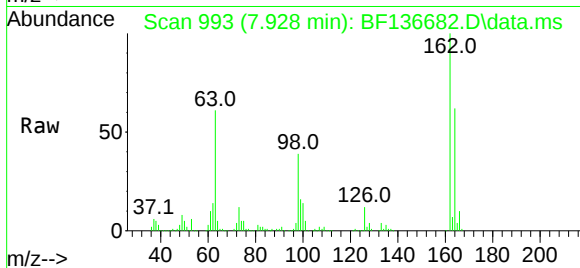
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS



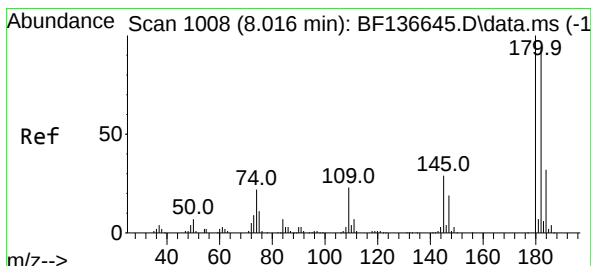
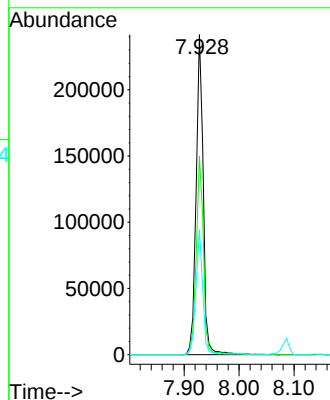
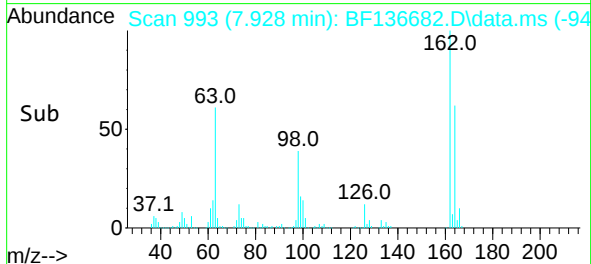
Tgt Ion:	162	Resp:	21616
Ion Ratio	Lower	Upper	
162	100		
164	62.0	41.7	81.7
98	39.0	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.020 ng

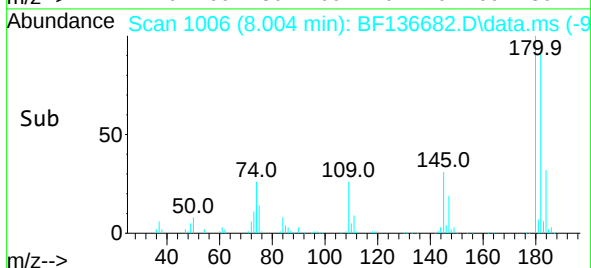
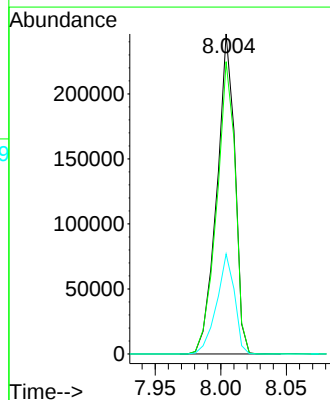
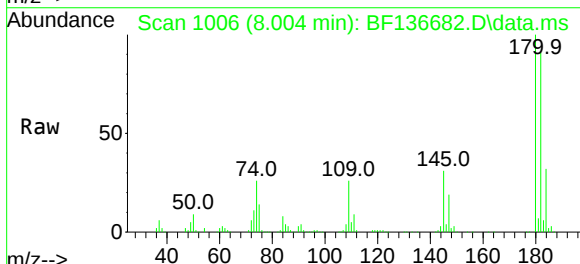
RT: 8.004 min Scan# 1006

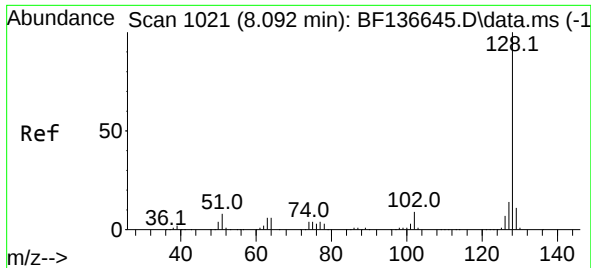
Delta R.T. -0.012 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Tgt Ion:	180	Resp:	235473
Ion Ratio	Lower	Upper	
180	100		
182	91.3	75.4	113.0
145	31.2	23.1	34.7





#31
Naphthalene
Concen: 37.707 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

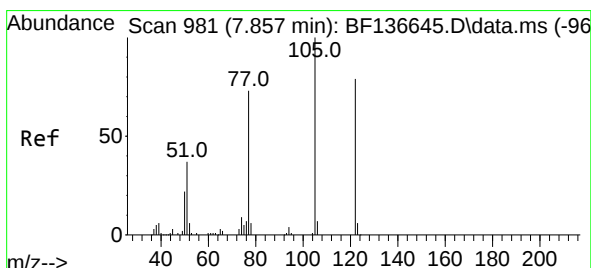
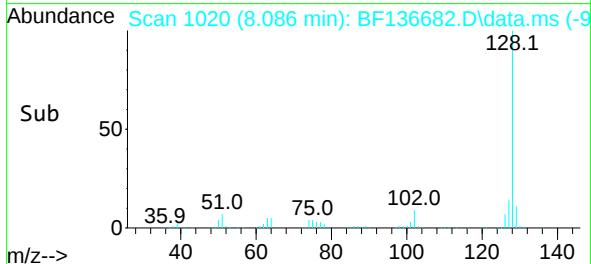
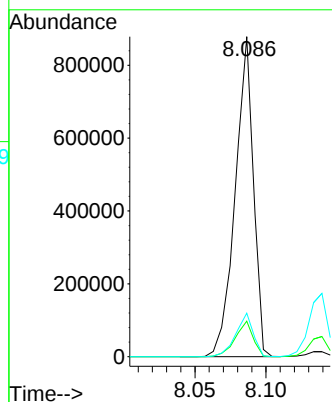
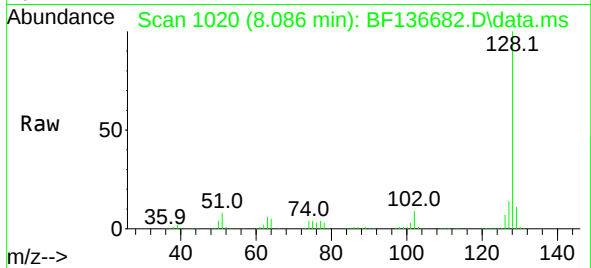
ClientSampleId :

PB157642BS

Tgt Ion:128 Resp: 78440
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.8 16.2

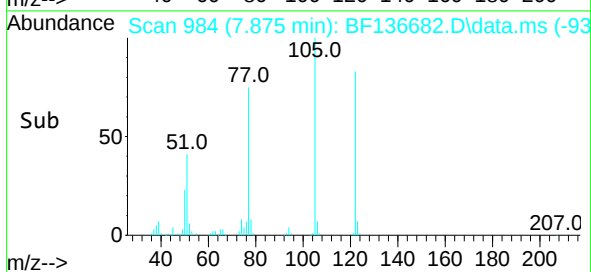
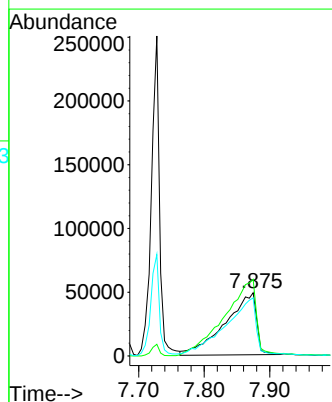
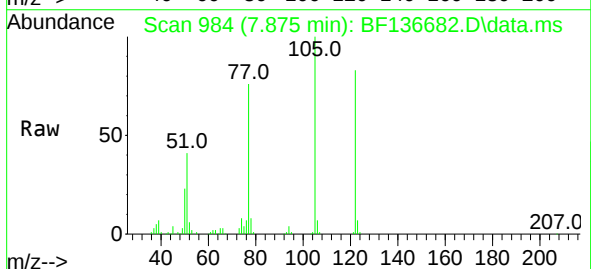
Manual Integrations
APPROVED

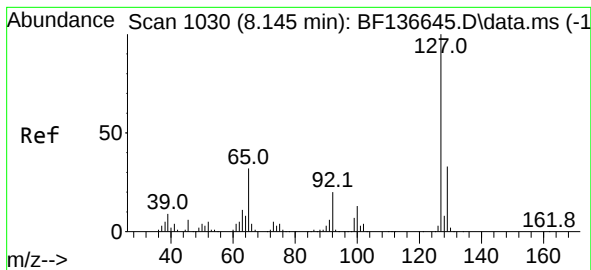
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#32
Benzoic acid
Concen: 38.549 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion:122 Resp: 161045
Ion Ratio Lower Upper
122 100
105 121.2 100.8 140.8
77 91.7 70.9 110.9





#33
4-Chloroaniline
Concen: 22.498 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

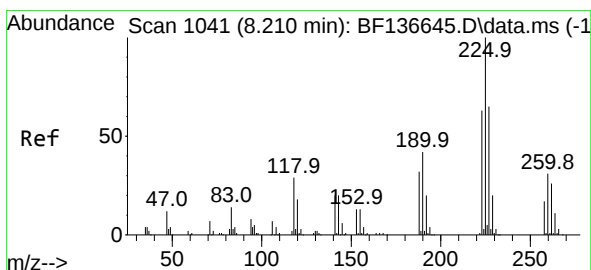
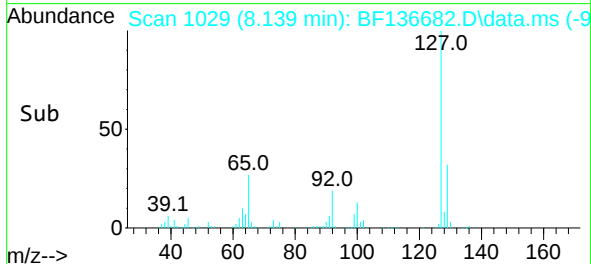
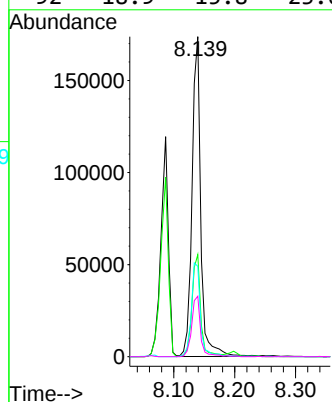
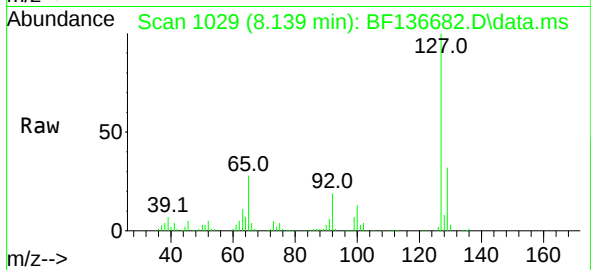
ClientSampleId :

PB157642BS

Tgt Ion:127 Resp: 17280
Ion Ratio Lower Upper
127 100
129 31.9 26.3 39.5
65 28.3 25.8 38.8
92 18.9 15.8 23.6

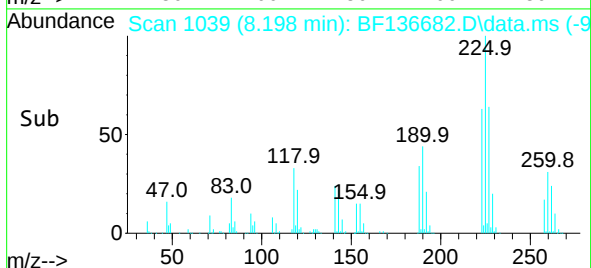
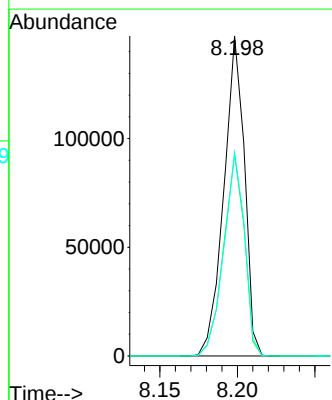
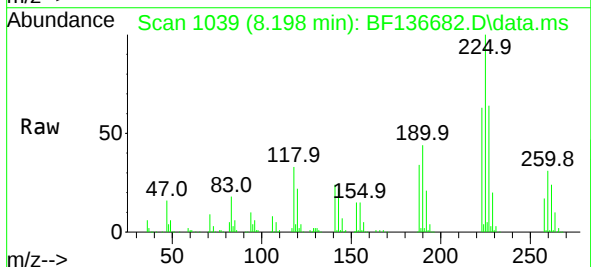
Manual Integrations
APPROVED

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



#34
Hexachlorobutadiene
Concen: 36.147 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

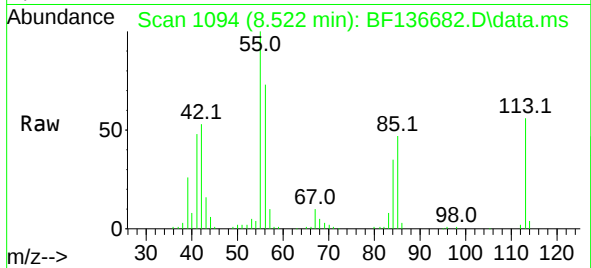
Tgt Ion:225 Resp: 136017
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 63.6 51.9 77.9





#35
Caprolactam
Concen: 39.148 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

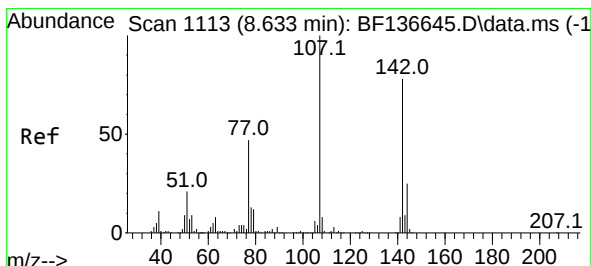
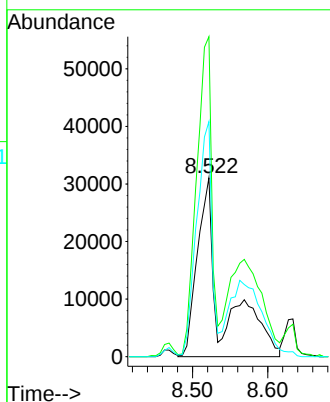
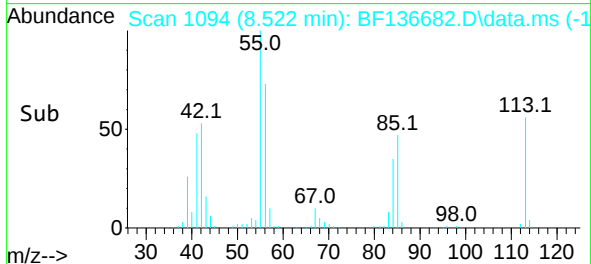
Instrument :
BNA_F
ClientSampleId :
PB157642BS



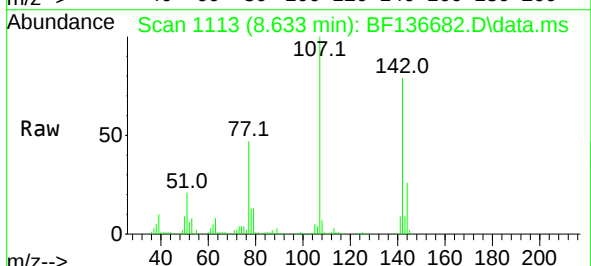
Tgt Ion:113 Resp: 71790
Ion Ratio Lower Upper
113 100
55 178.9 163.1 203.1
56 131.4 121.7 161.7

Manual Integrations
APPROVED

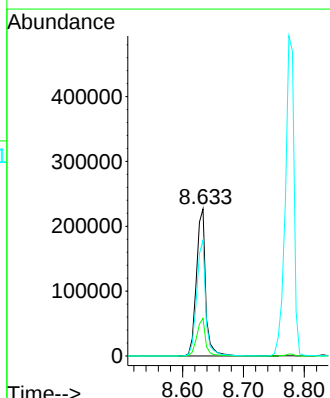
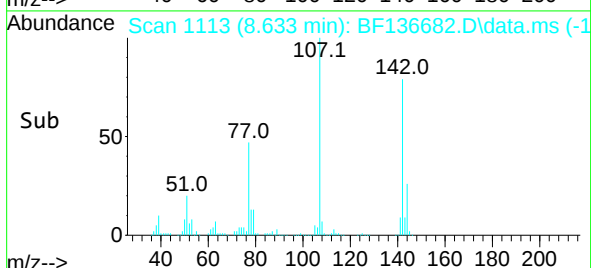
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

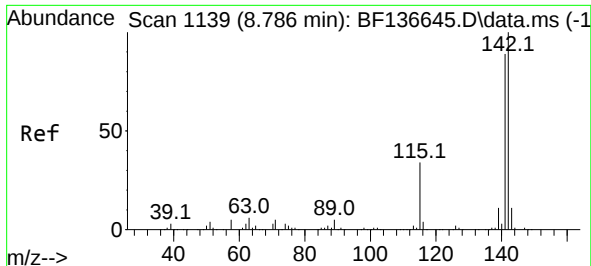


#36
4-Chloro-3-methylphenol
Concen: 38.187 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:107 Resp: 238972
Ion Ratio Lower Upper
107 100
144 25.6 20.2 30.2
142 78.8 62.3 93.5





#37

2-Methylnaphthalene

Concen: 36.776 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

Tgt Ion:142 Resp: 492340

Ion Ratio Lower Upper

142 100

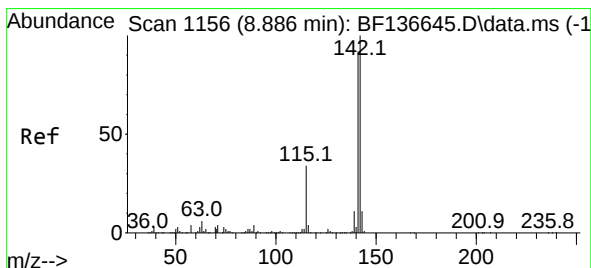
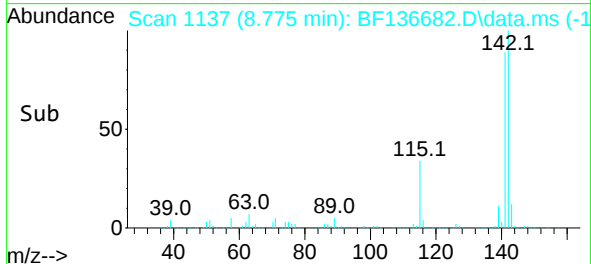
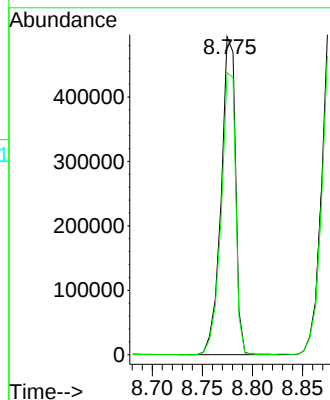
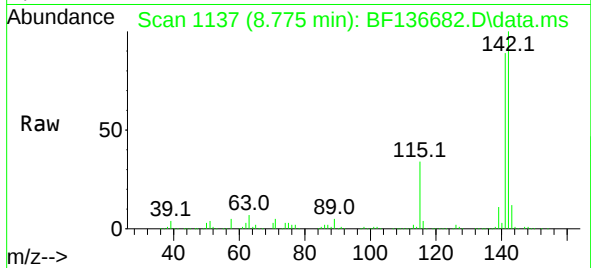
141 88.7 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#38

1-Methylnaphthalene

Concen: 35.440 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136682.D

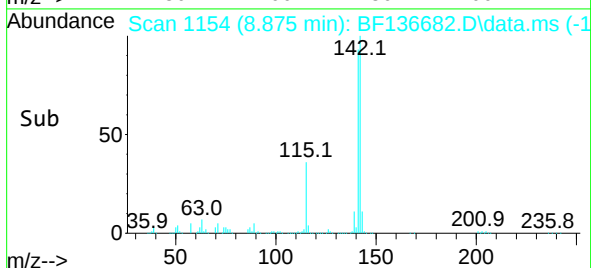
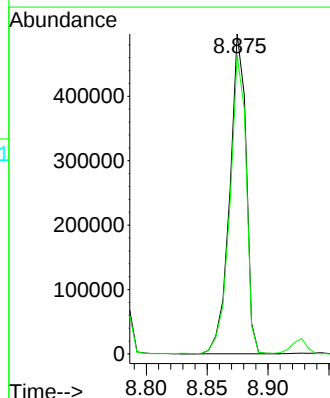
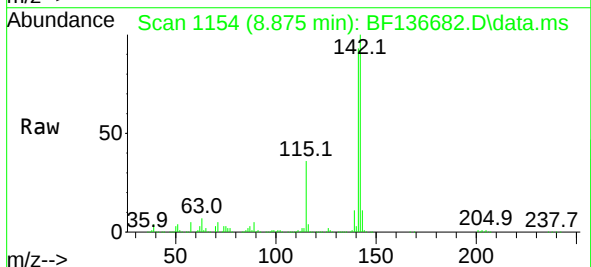
Acq: 22 Dec 2023 12:55

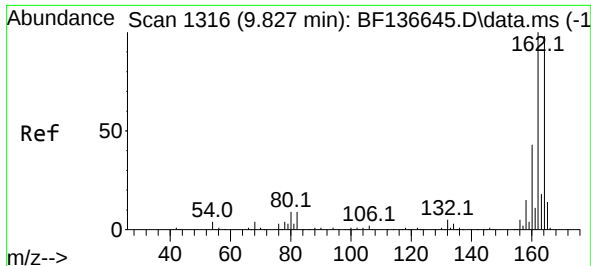
Tgt Ion:142 Resp: 465497

Ion Ratio Lower Upper

142 100

141 93.3 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: BF136682.D

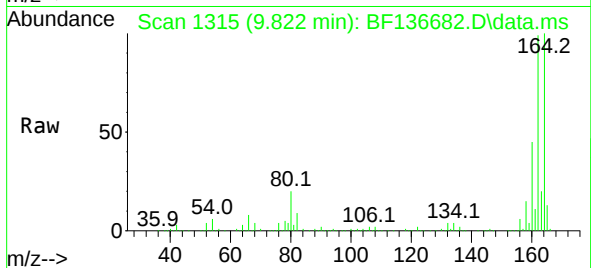
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS



Tgt Ion:164 Resp: 18981

Ion Ratio Lower Upper

164 100

162 99.3 81.6 122.4

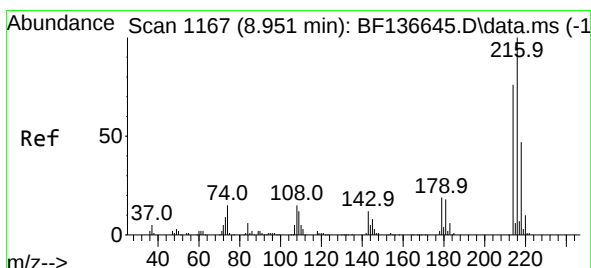
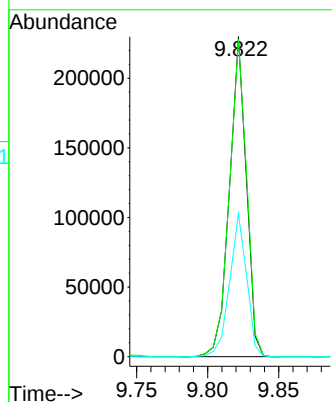
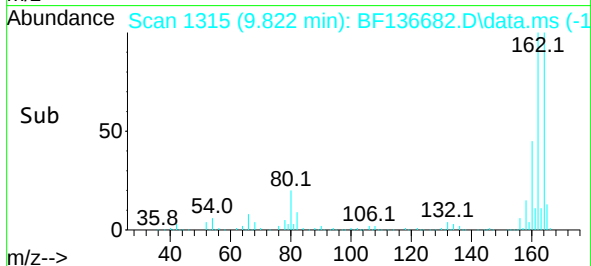
160 44.7 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.446 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Tgt Ion:216 Resp: 231886

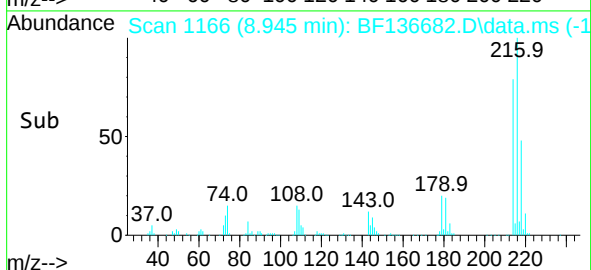
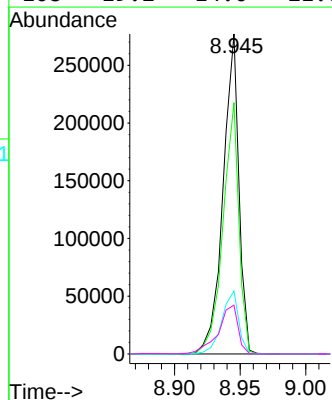
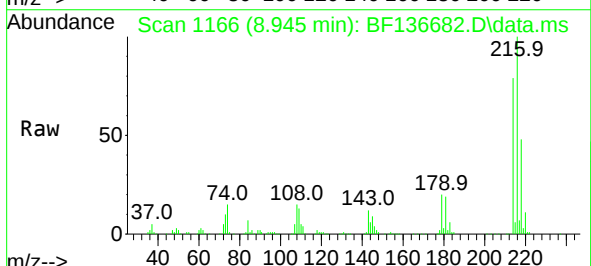
Ion Ratio Lower Upper

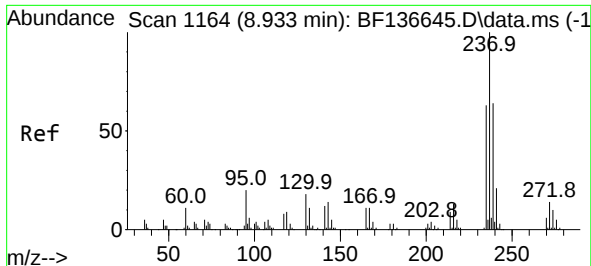
216 100

214 78.9 62.3 93.5

179 20.9 16.4 24.6

108 19.2 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 91.974 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

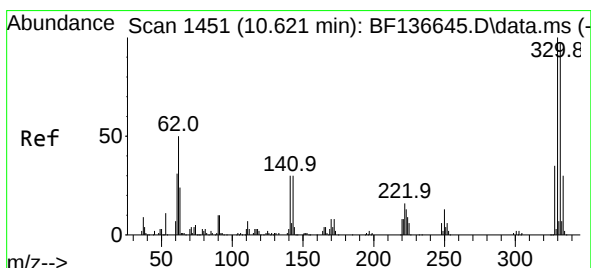
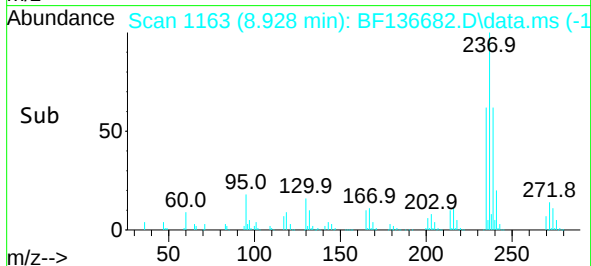
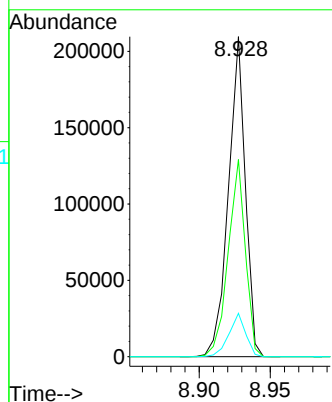
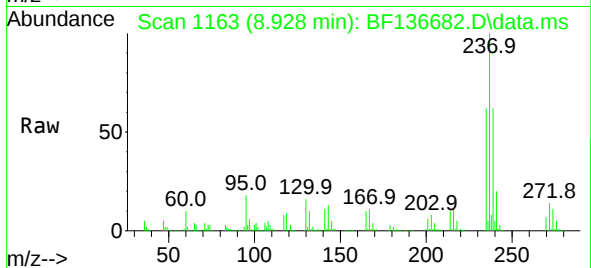
PB157642BS

Tgt Ion:237 Resp: 173854
Ion Ratio Lower Upper
237 100
235 61.6 43.2 83.2
272 13.5 0.0 34.2

Manual Integrations

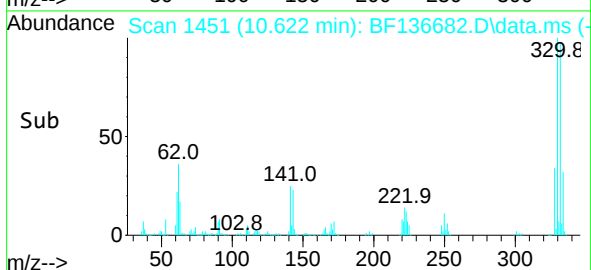
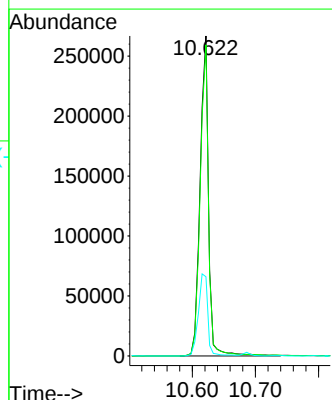
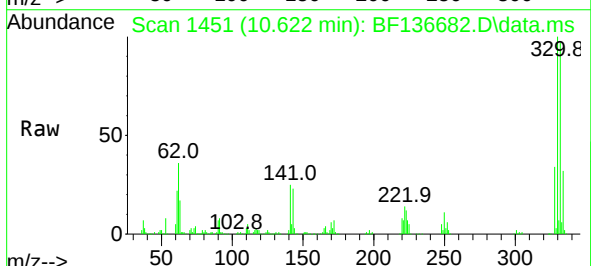
APPROVED

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



#42
2,4,6-Tribromophenol
Concen: 110.533 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

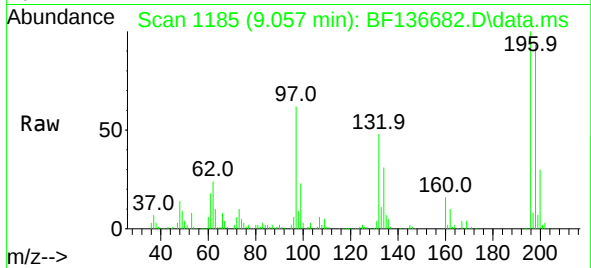
Tgt Ion:330 Resp: 247099
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 28.6 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 39.885 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

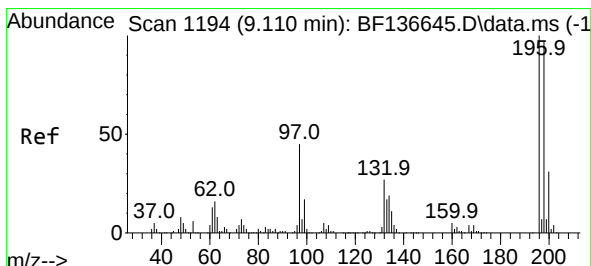
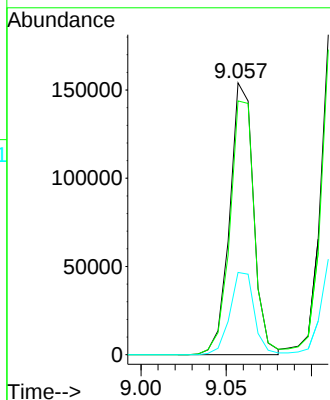
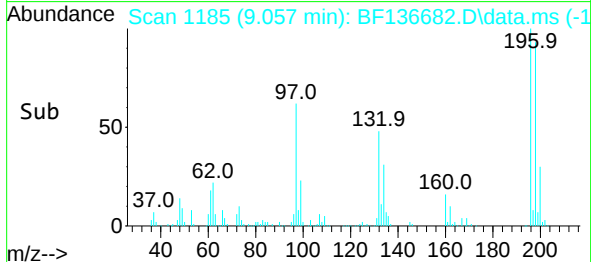
Instrument :
BNA_F
ClientSampleId :
PB157642BS



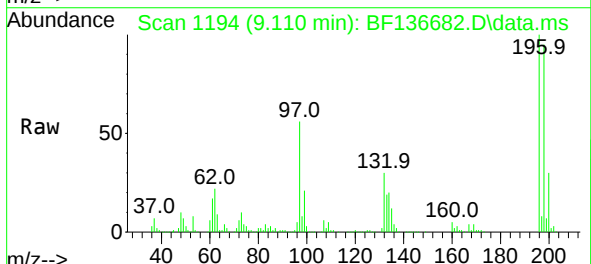
Tgt Ion:196 Resp: 150368
Ion Ratio Lower Upper
196 100
198 93.3 75.1 112.7
200 30.2 22.5 33.7

Manual Integrations
APPROVED

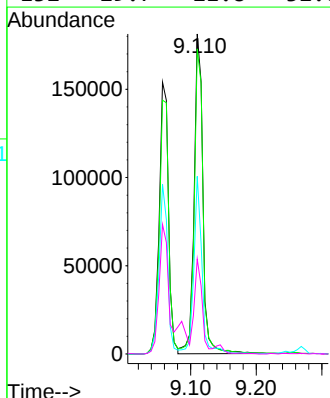
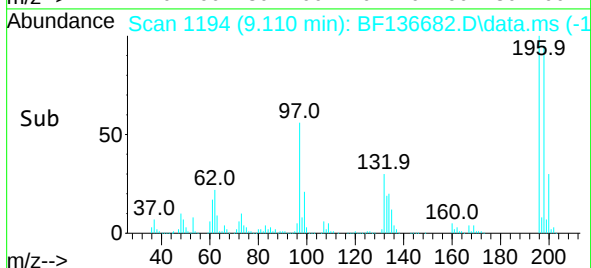
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

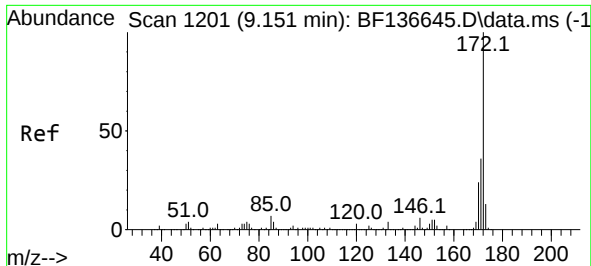


#44
2,4,5-Trichlorophenol
Concen: 40.220 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:196 Resp: 168972
Ion Ratio Lower Upper
196 100
198 95.3 77.0 115.6
97 55.5 36.1 54.1#
132 29.7 21.8 32.6





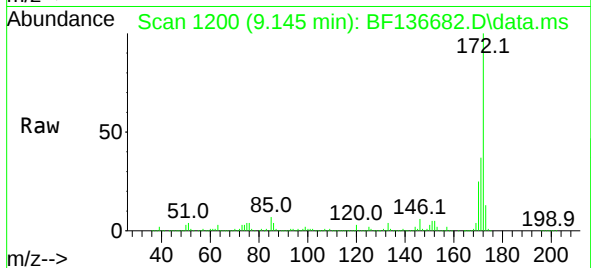
#45
2-Fluorobiphenyl
Concen: 71.261 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

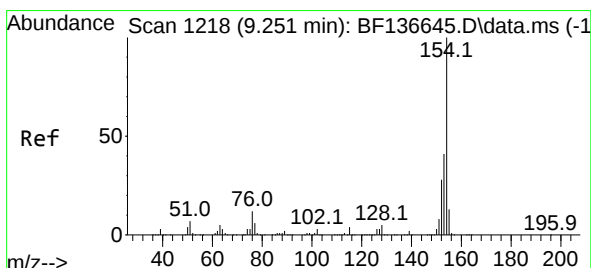
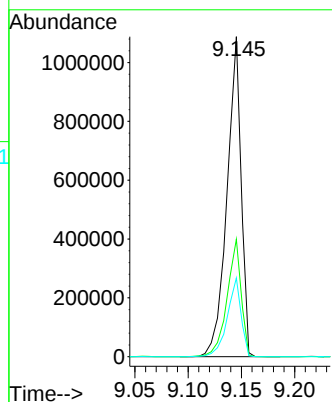
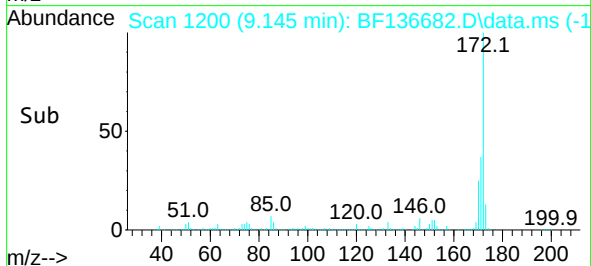


Tgt Ion:172 Resp: 1005699
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 24.6 19.0 28.4

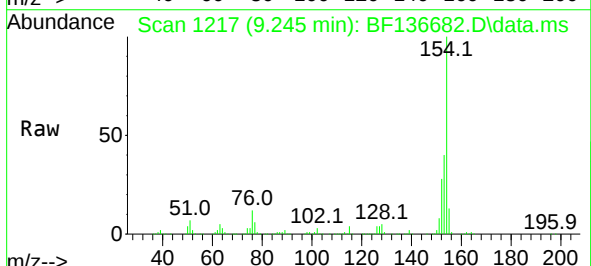
Manual Integrations

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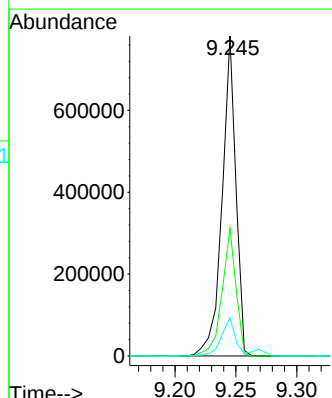
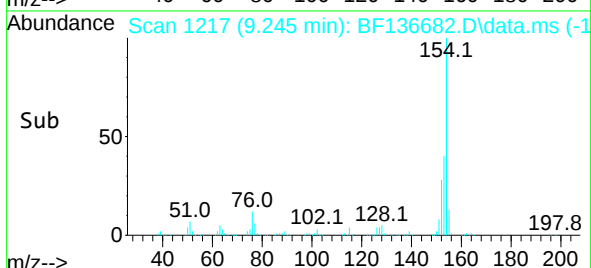
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

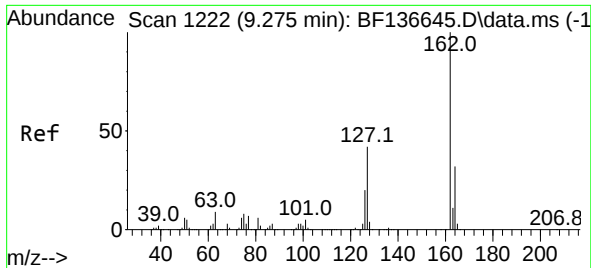


#46
1,1'-Biphenyl
Concen: 38.697 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:154 Resp: 616390
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 12.0 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.453 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

Tgt Ion:162 Resp: 46563

Ion Ratio Lower Upper

162 100

127 41.8 33.6 50.4

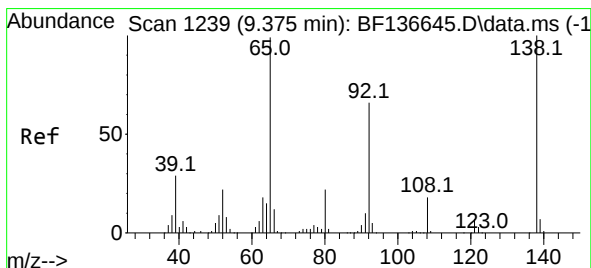
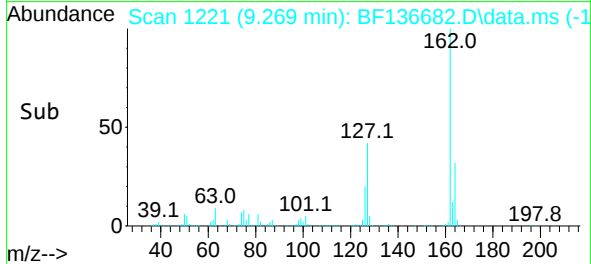
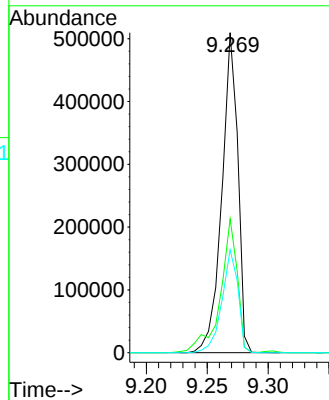
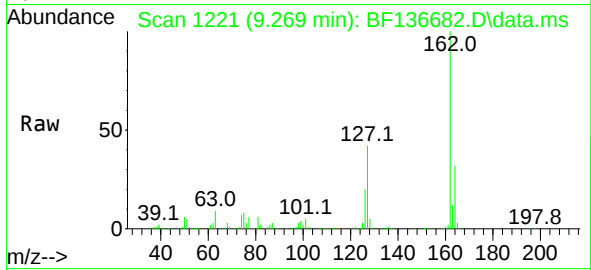
164 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#48

2-Nitroaniline

Concen: 41.047 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

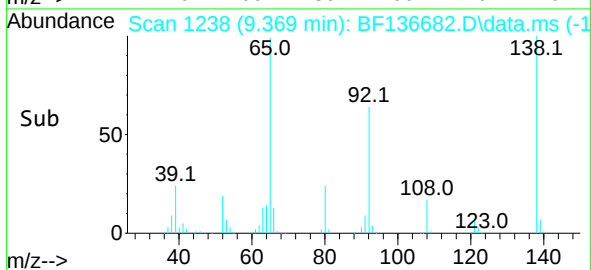
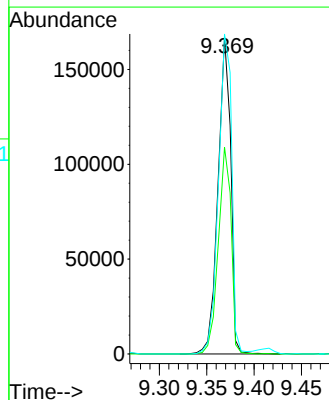
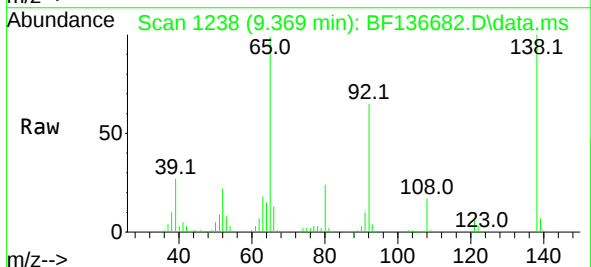
Tgt Ion: 65 Resp: 155650

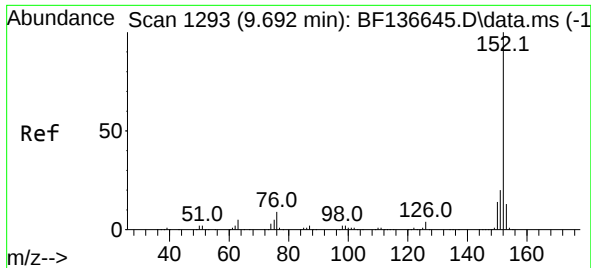
Ion Ratio Lower Upper

65 100

92 65.3 53.2 79.8

138 100.9 81.1 121.7





#49
Acenaphthylene
Concen: 40.705 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

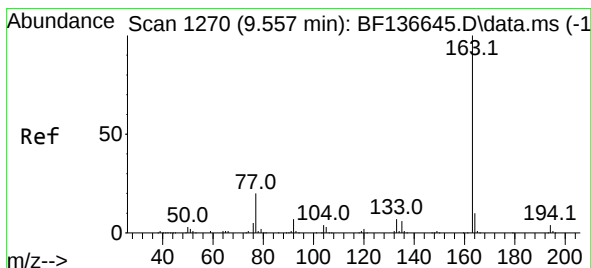
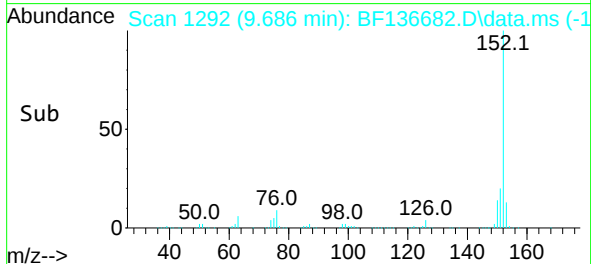
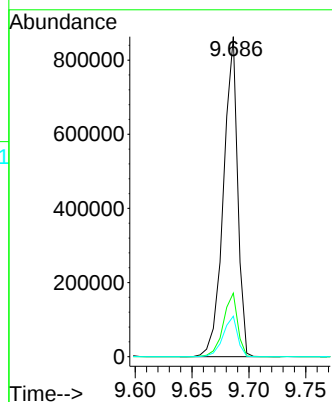
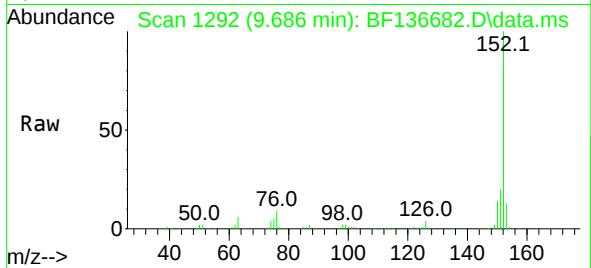
ClientSampleId :

PB157642BS

Tgt Ion:152 Resp: 75339
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 12.7 10.2 15.2

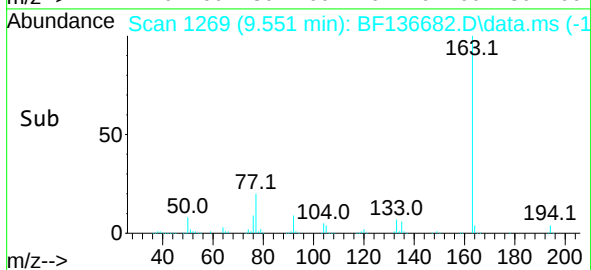
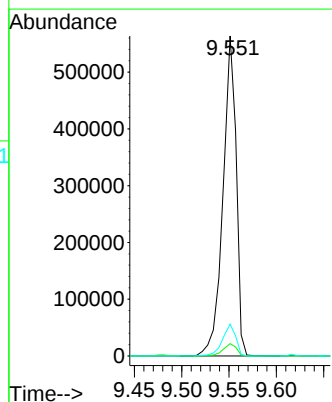
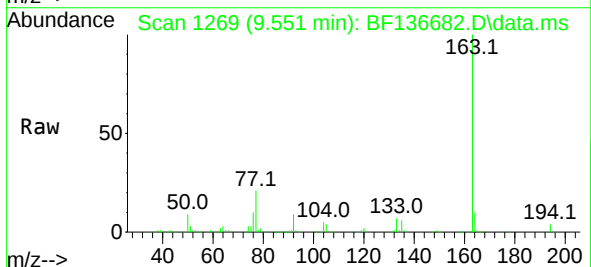
Manual Integrations
APPROVED

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



#50
Dimethylphthalate
Concen: 39.629 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion:163 Resp: 549441
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.026 ng

RT: 9.616 min Scan# 119654

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

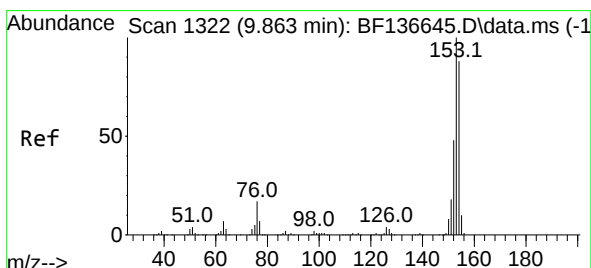
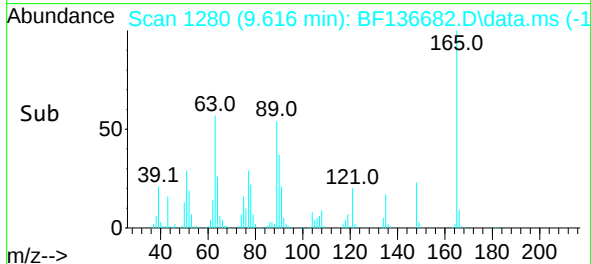
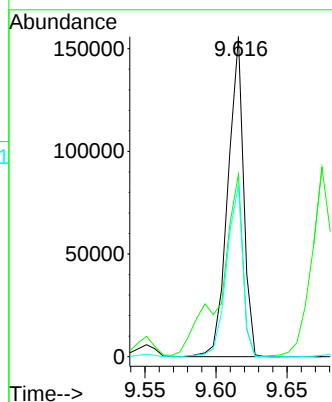
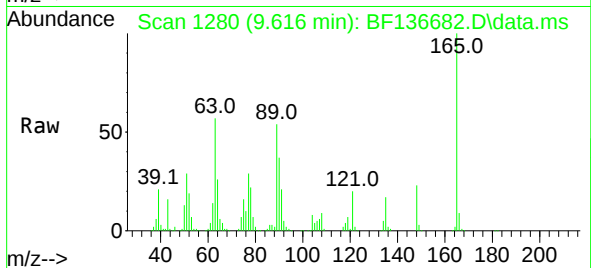
Tgt Ion:165	Resp: 119654
Ion Ratio	Lower Upper
165	100
63	56.9 39.8 59.6
89	53.6 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#52

Acenaphthene

Concen: 38.114 ng

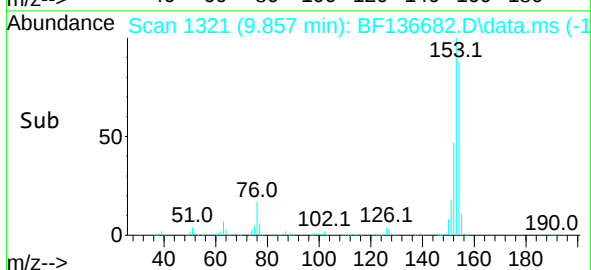
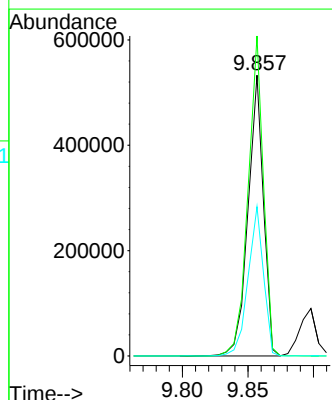
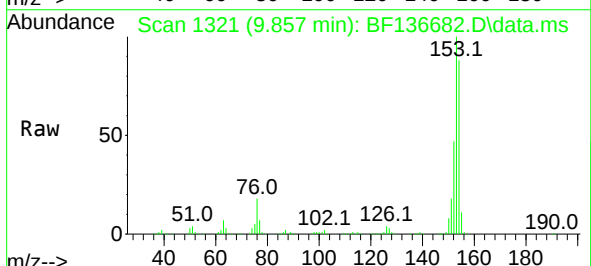
RT: 9.857 min Scan# 1321

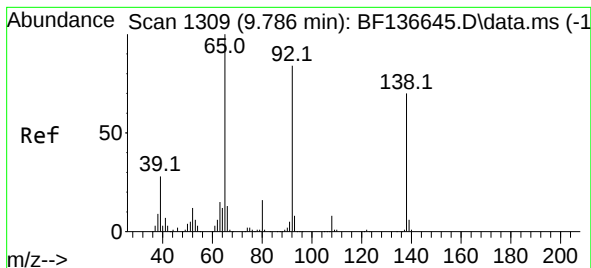
Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Tgt Ion:154	Resp: 437293
Ion Ratio	Lower Upper
154	100
153	114.0 90.7 136.1
152	53.2 43.7 65.5





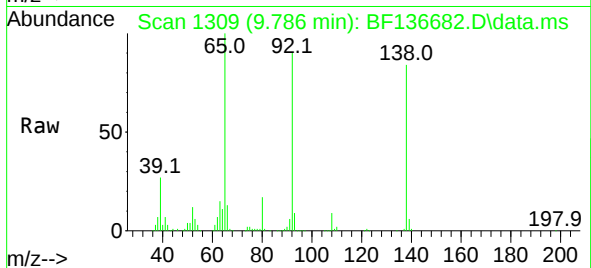
#53
3-Nitroaniline
Concen: 30.957 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

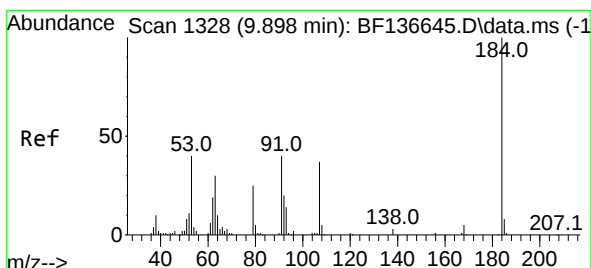
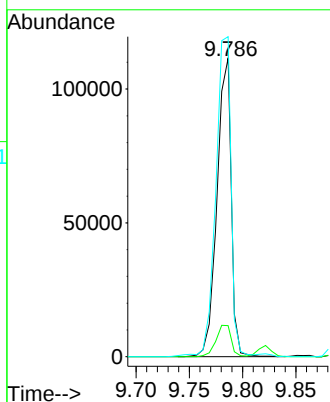
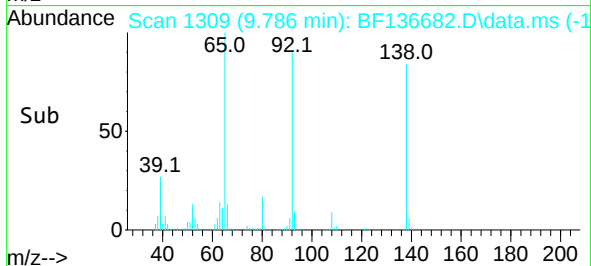


Tgt Ion:138 Resp: 103180
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 107.2 95.2 142.8

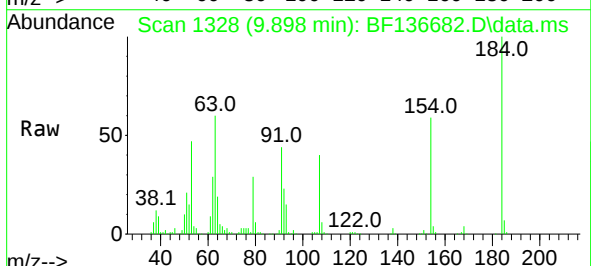
Manual Integrations

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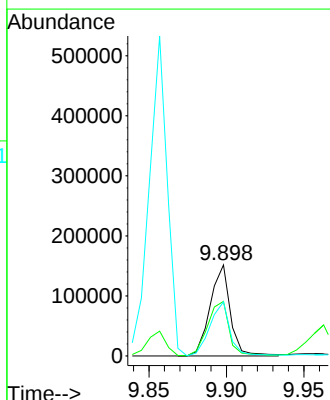
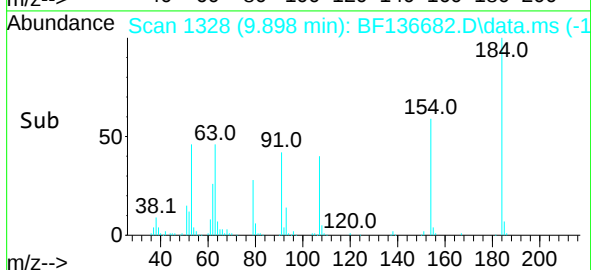
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

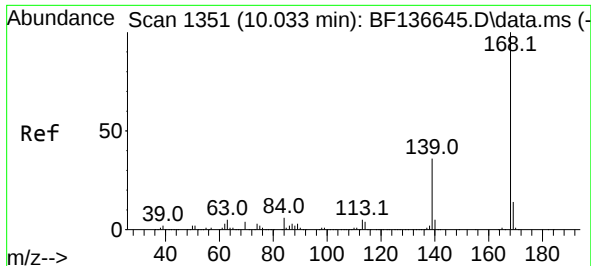


#54
2,4-Dinitrophenol
Concen: 79.032 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:184 Resp: 137743
Ion Ratio Lower Upper
184 100
63 59.9 40.9 61.3
154 59.5 42.7 64.1





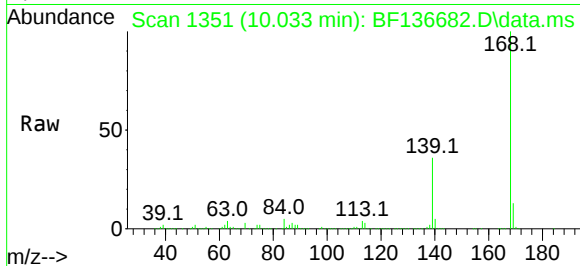
#55
Dibenzenofuran
Concen: 38.121 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

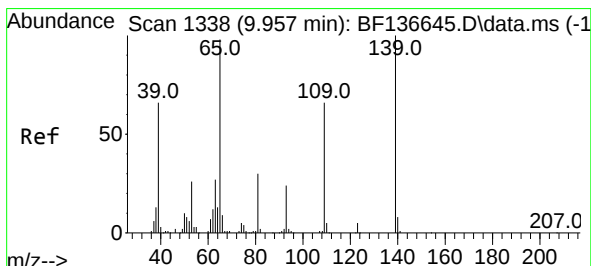
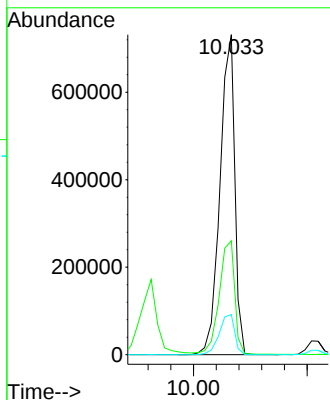
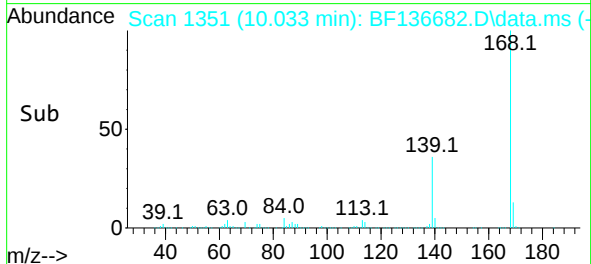


Tgt Ion:168 Resp: 662984
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 12.6 11.0 16.4

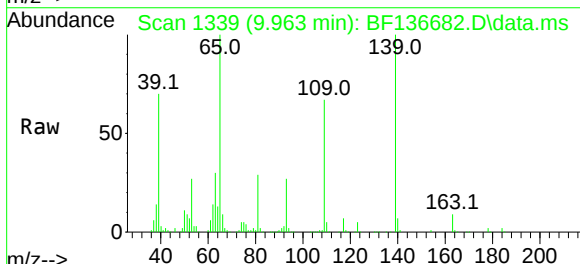
Manual Integrations

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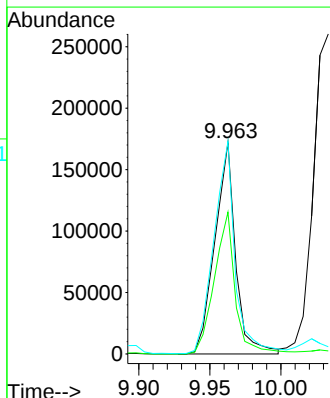
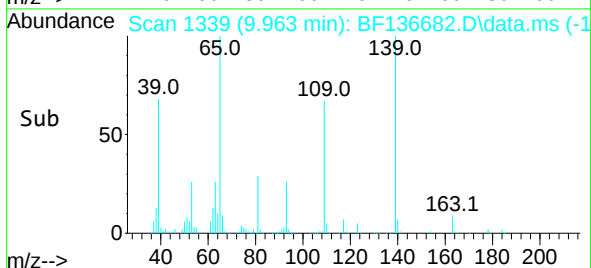
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

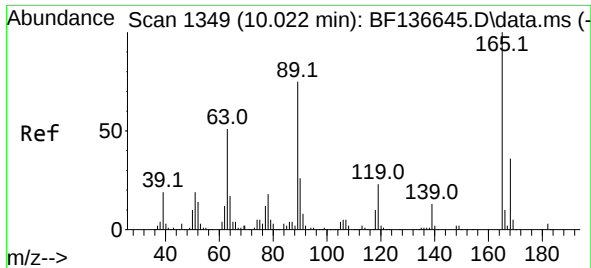


#56
4-Nitrophenol
Concen: 77.689 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:139 Resp: 174812
Ion Ratio Lower Upper
139 100
109 67.1 45.8 85.8
65 100.5 77.8 117.8





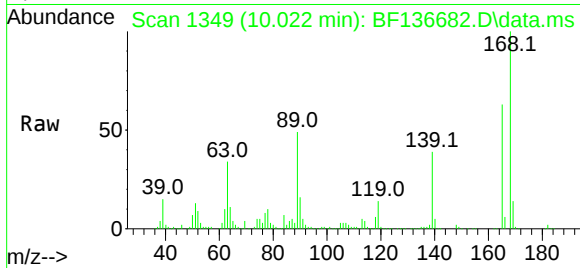
#57
2,4-Dinitrotoluene
Concen: 37.592 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

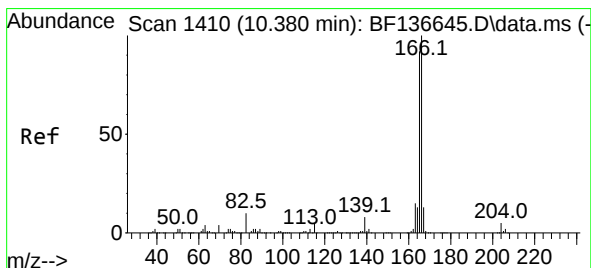
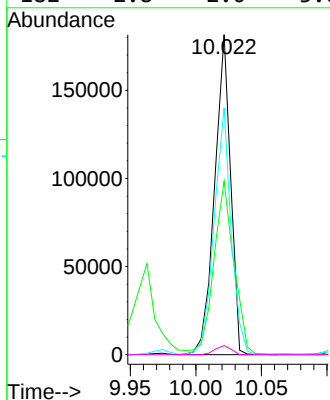
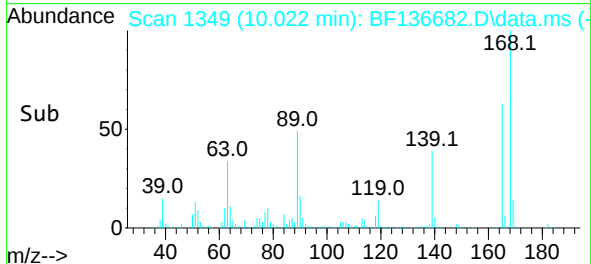


Tgt Ion:165 Resp: 153558
Ion Ratio Lower Upper
165 100
63 54.3 41.0 61.6
89 77.1 59.9 89.9
182 2.8 2.0 3.0

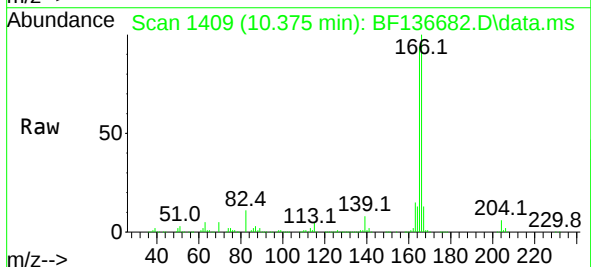
Manual Integrations

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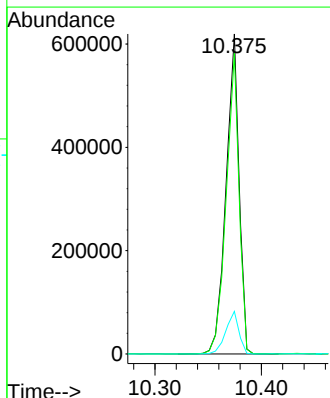
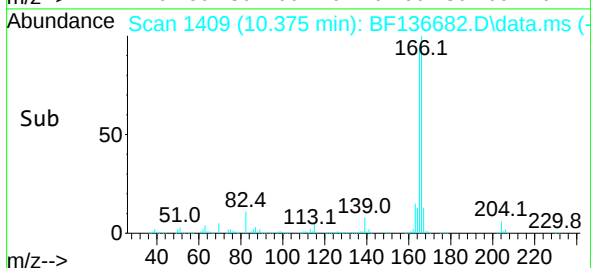
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#58
Fluorene
Concen: 38.169 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:166 Resp: 526719
Ion Ratio Lower Upper
166 100
165 93.9 73.7 110.5
167 13.3 10.4 15.6





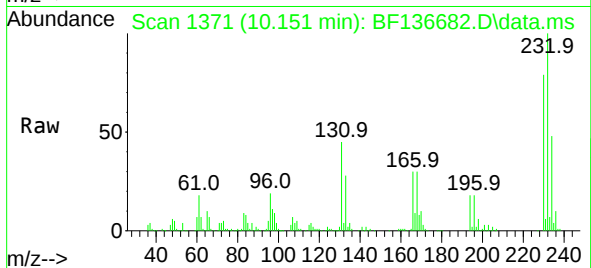
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.872 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

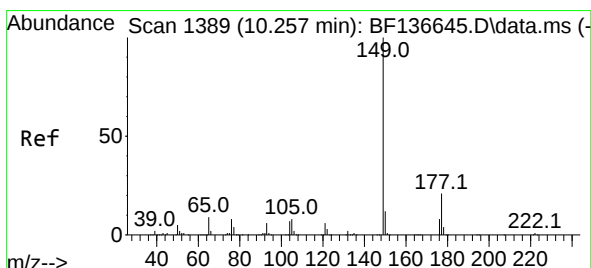
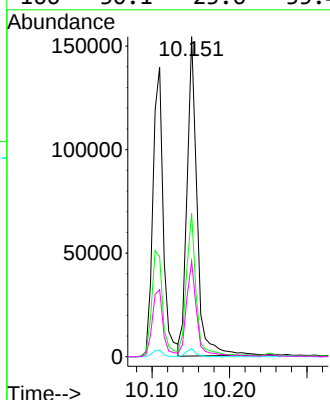
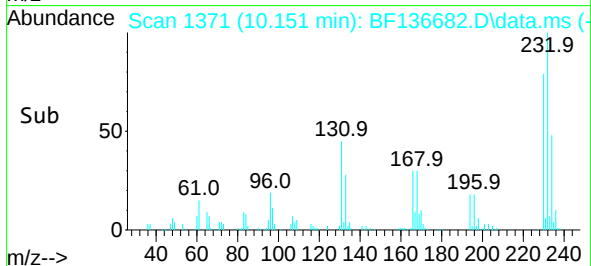


Tgt Ion:232 Resp: 13864
Ion Ratio Lower Upper
232 100
131 43.6 35.1 52.7
130 2.4 1.6 2.4
166 30.1 23.6 35.4

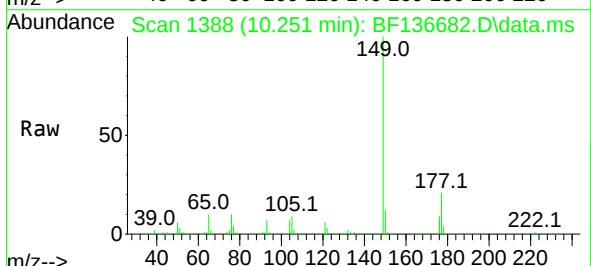
Manual Integrations

APPROVED

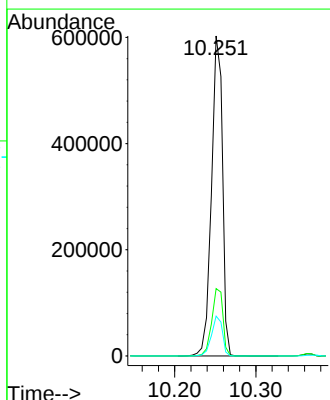
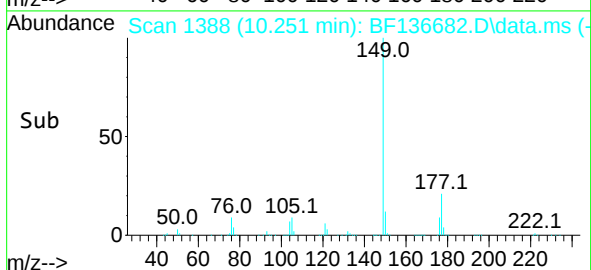
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

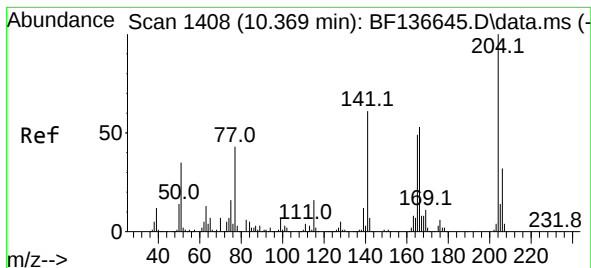


#60
Diethylphthalate
Concen: 39.091 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



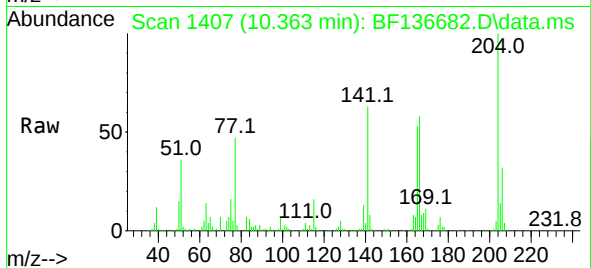
Tgt Ion:149 Resp: 562339
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.537 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

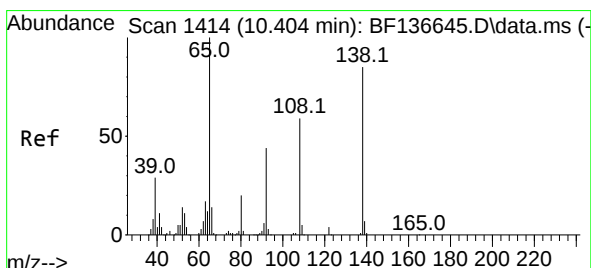
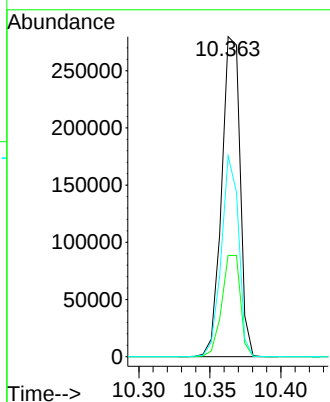
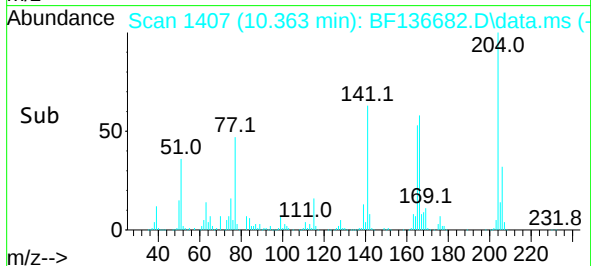
Instrument :
BNA_F
ClientSampleId :
PB157642BS



Tgt Ion:204 Resp: 251784
Ion Ratio Lower Upper
204 100
206 31.6 25.6 38.4
141 62.8 48.4 72.6

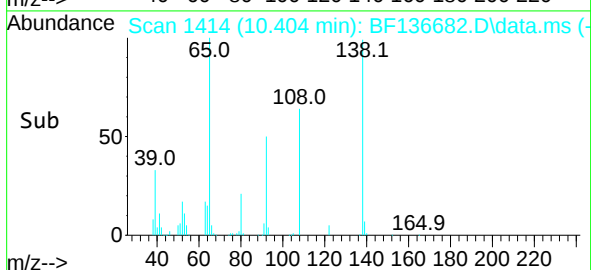
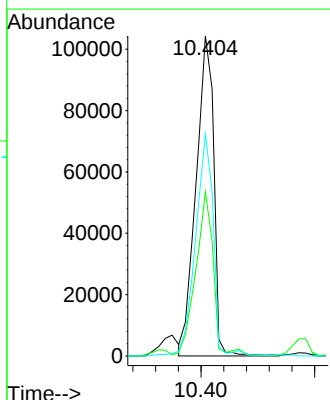
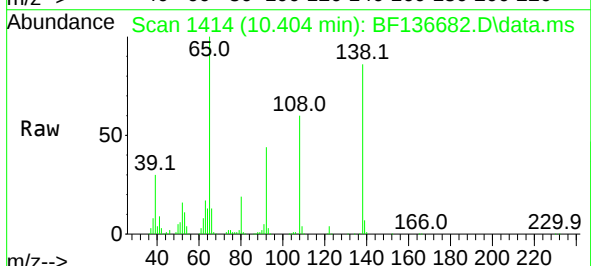
Manual Integrations
APPROVED

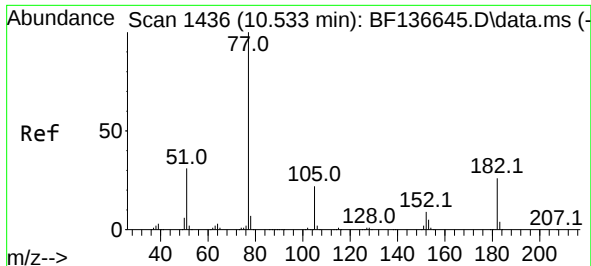
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#62
4-Nitroaniline
Concen: 35.176 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion:138 Resp: 113032
Ion Ratio Lower Upper
138 100
92 51.2 32.1 72.1
108 69.3 50.1 90.1





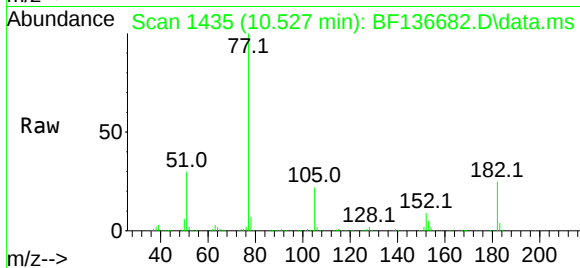
#63
Azobenzene
Concen: 39.085 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

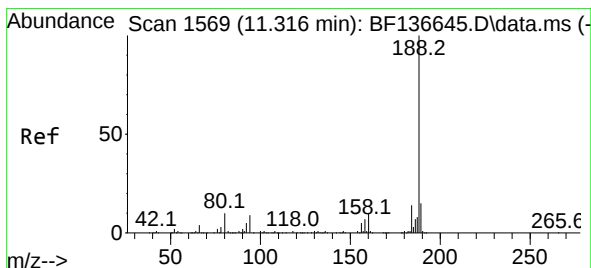
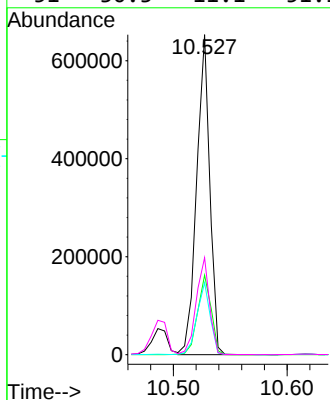
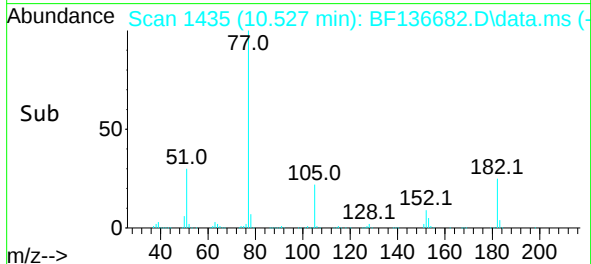


Tgt Ion: 77 Resp: 525149
Ion Ratio Lower Upper
77 100
182 24.8 6.0 46.0
105 22.5 2.3 42.3
51 30.3 11.1 51.1

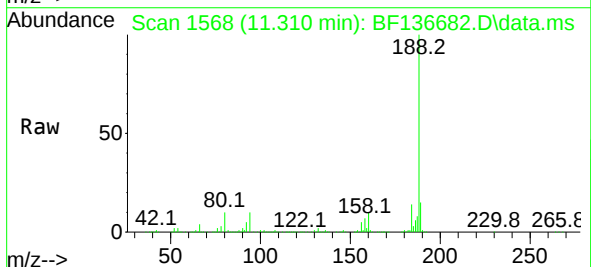
Manual Integrations

APPROVED

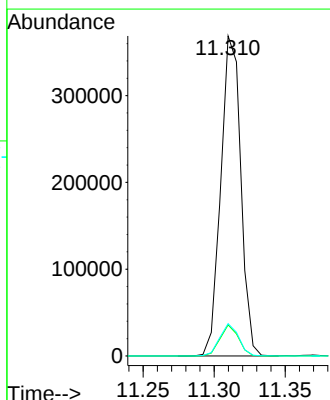
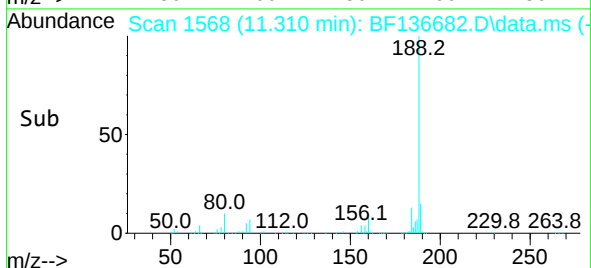
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

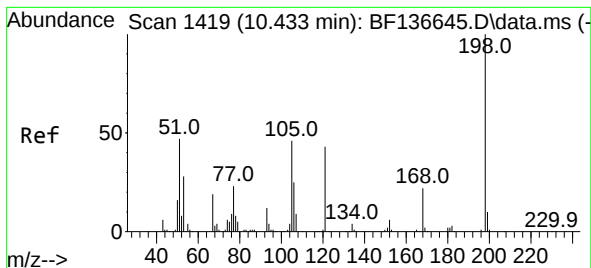


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:188 Resp: 360991
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.1 8.1 12.1





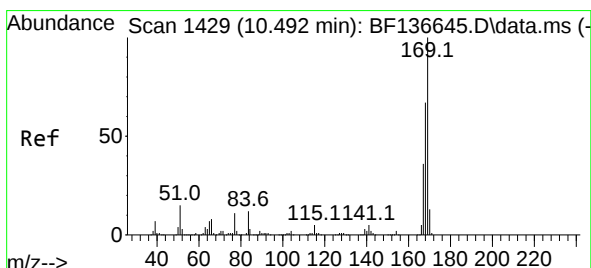
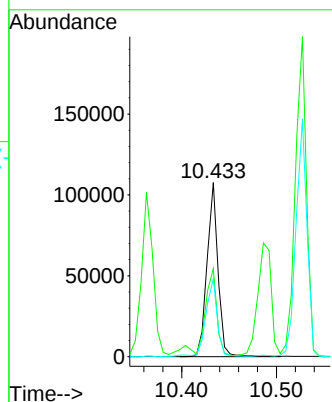
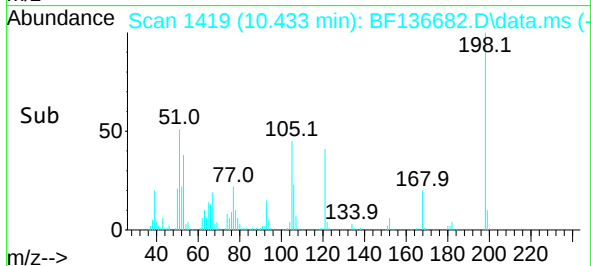
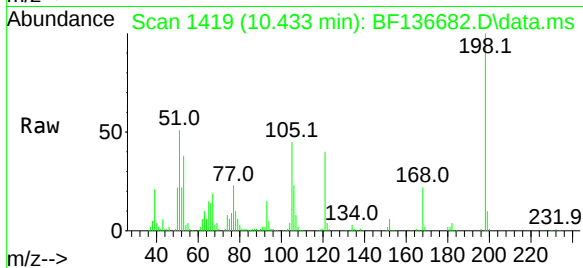
#65
4,6-Dinitro-2-methylphenol
Concen: 41.817 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :
BNA_F
ClientSampleId :
PB157642BS

Tgt Ion:198 Resp: 86512
Ion Ratio Lower Upper
198 100
51 50.5 34.1 74.1
105 44.7 27.3 67.3

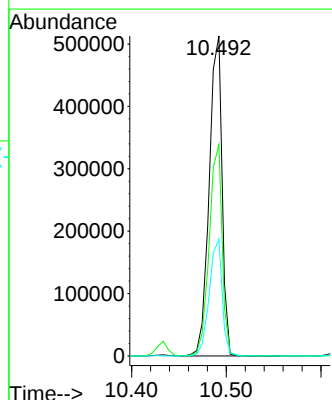
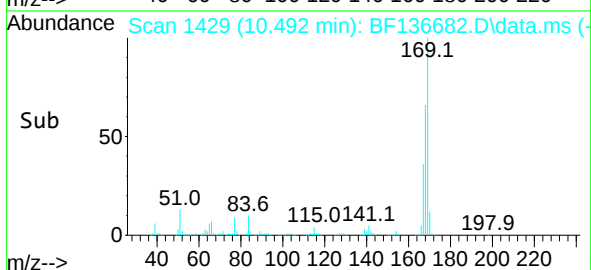
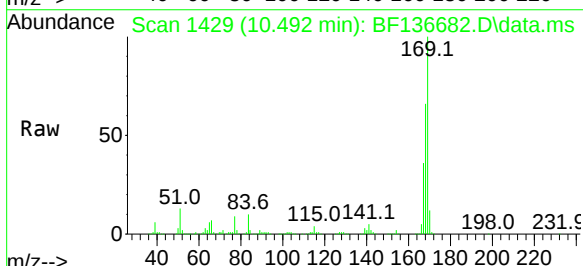
Manual Integrations
APPROVED

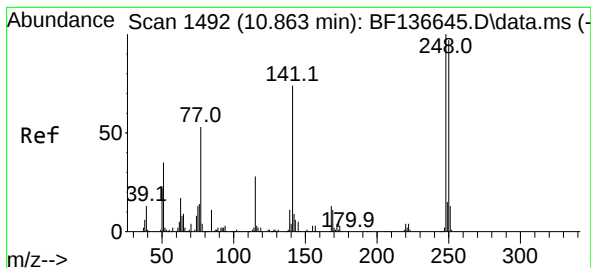
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#66
n-Nitrosodiphenylamine
Concen: 41.089 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion:169 Resp: 481841
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.614 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

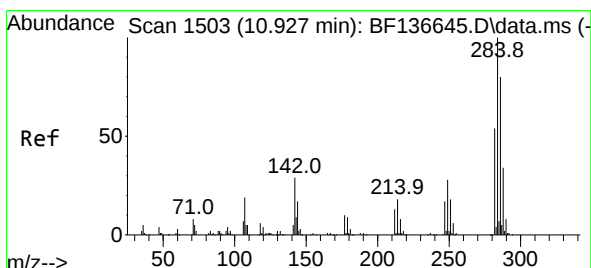
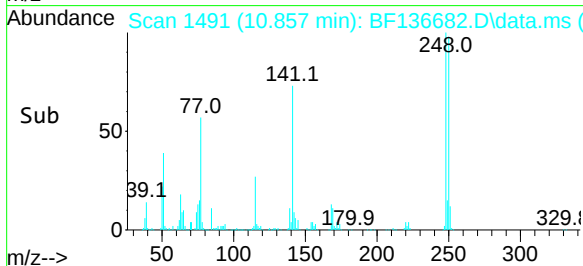
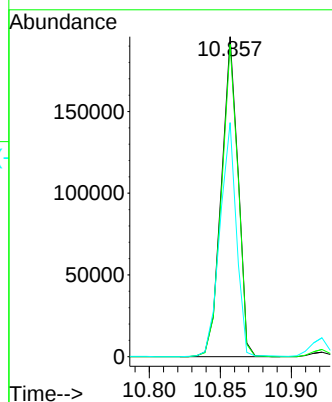
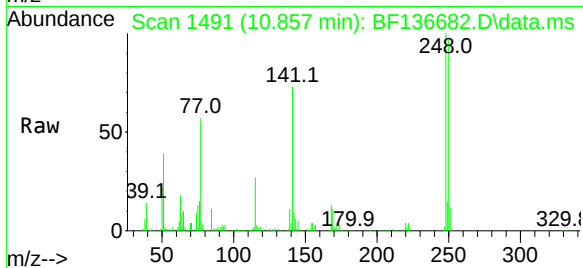
ClientSampleId :

PB157642BS

Tgt Ion:248 Resp: 158810
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 73.1 59.2 88.8

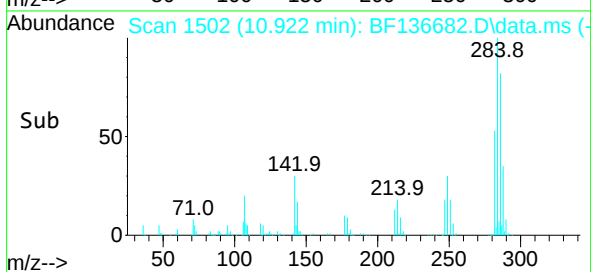
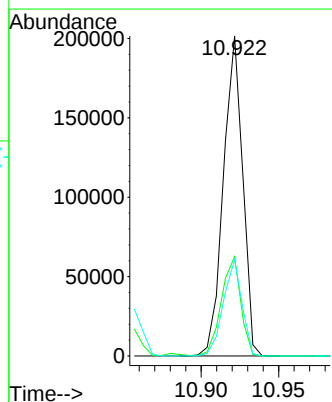
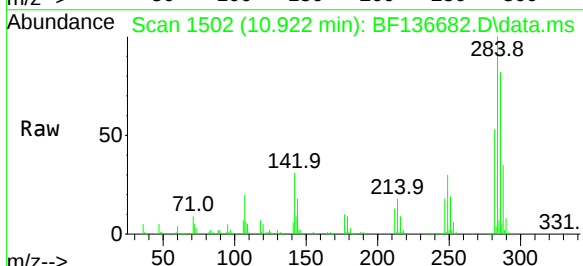
Manual Integrations
APPROVED

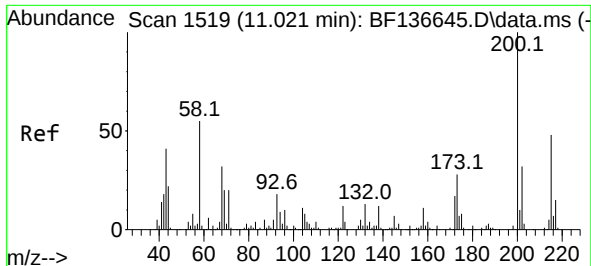
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#68
Hexachlorobenzene
Concen: 39.029 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion:284 Resp: 174370
Ion Ratio Lower Upper
284 100
142 31.0 23.4 35.0
249 30.1 22.3 33.5





#69
 Atrazine
 Concen: 38.901 ng
 RT: 11.022 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136682.D
 Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

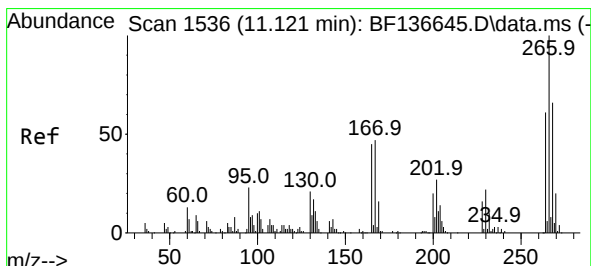
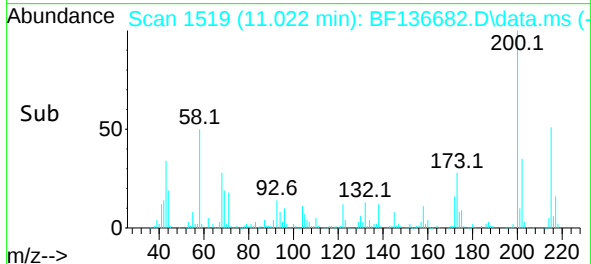
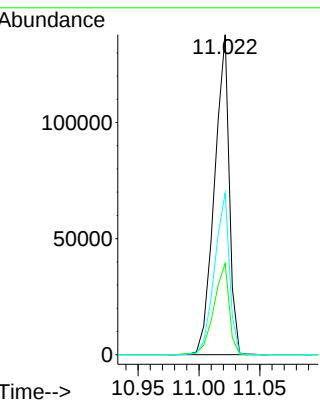
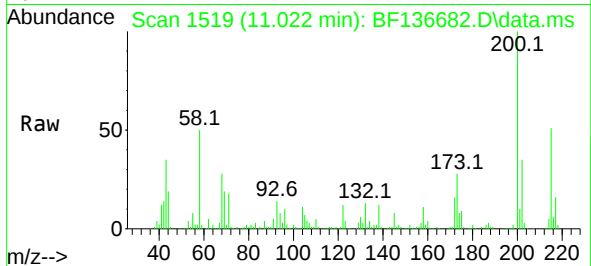
PB157642BS

Tgt Ion:200 Resp: 116678
 Ion Ratio Lower Upper
 200 100
 173 28.5 7.6 47.6
 215 50.5 28.3 68.3

Manual Integrations

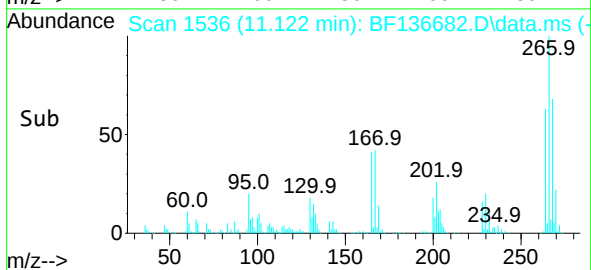
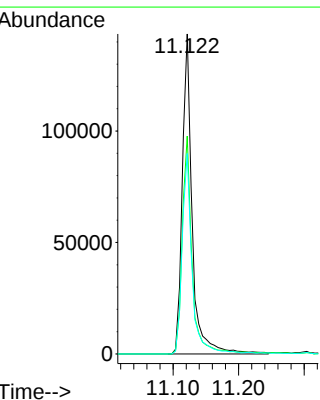
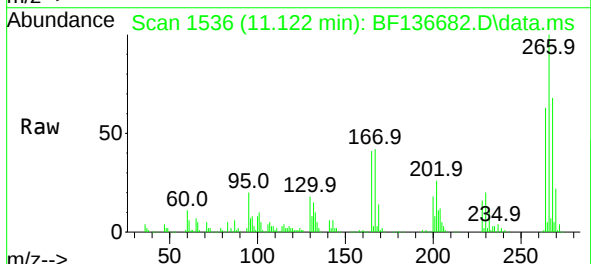
APPROVED

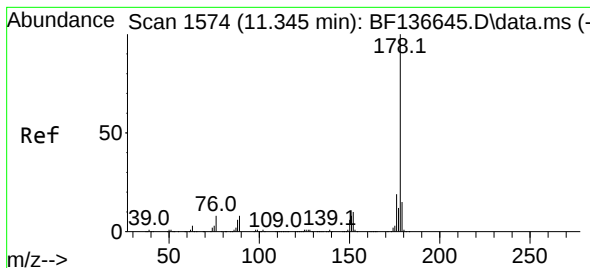
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#70
 Pentachlorophenol
 Concen: 72.612 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF136682.D
 Acq: 22 Dec 2023 12:55

Tgt Ion:266 Resp: 151213
 Ion Ratio Lower Upper
 266 100
 268 68.1 52.6 78.8
 264 62.7 49.0 73.4





#71

Phenanthrene

Concen: 40.136 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

Tgt Ion:178 Resp: 743430

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

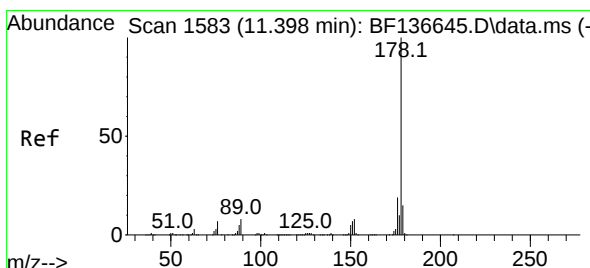
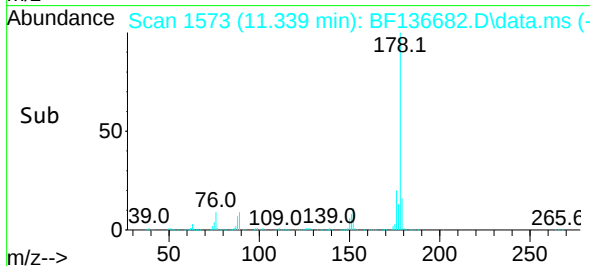
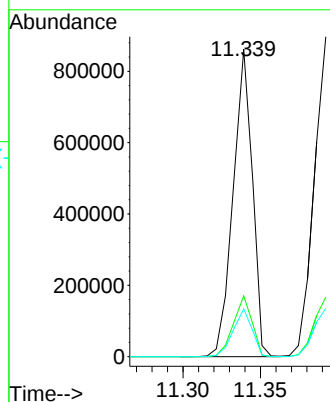
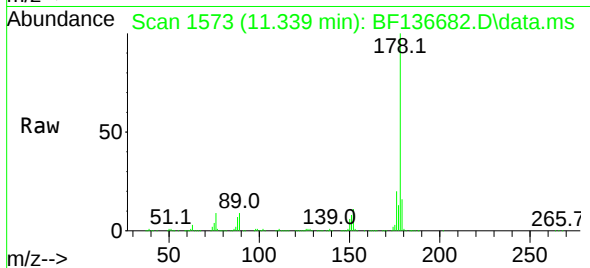
179 15.6 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#72

Anthracene

Concen: 39.657 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

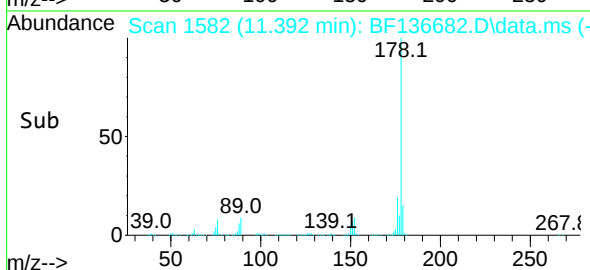
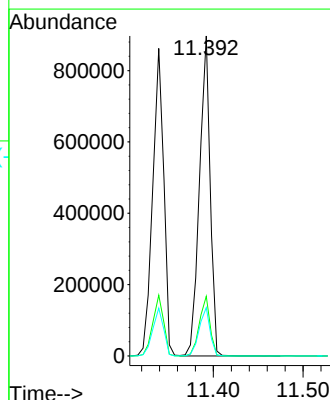
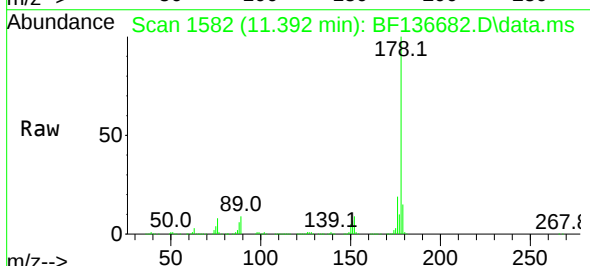
Tgt Ion:178 Resp: 743907

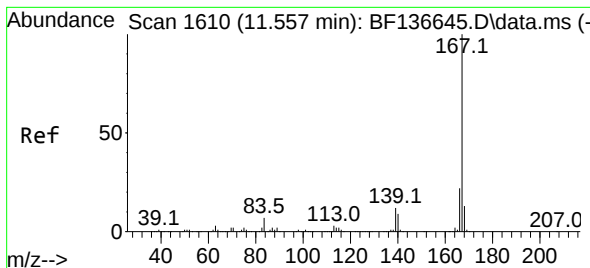
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.1 11.8 17.6





#73

Carbazole

Concen: 38.710 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

Tgt Ion:167 Resp: 684619

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

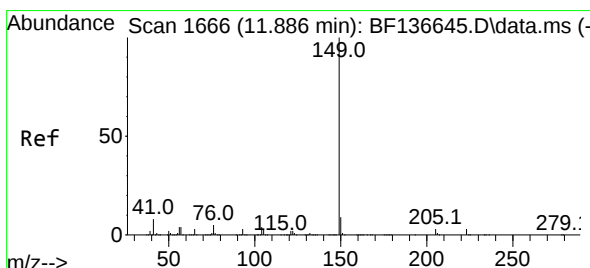
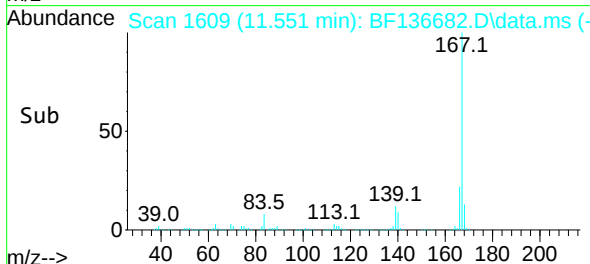
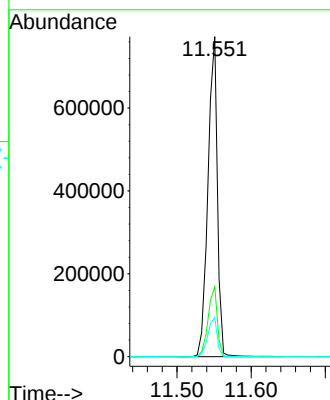
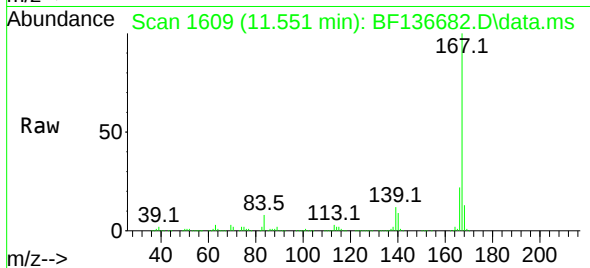
139 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#74

Di-n-butylphthalate

Concen: 39.978 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

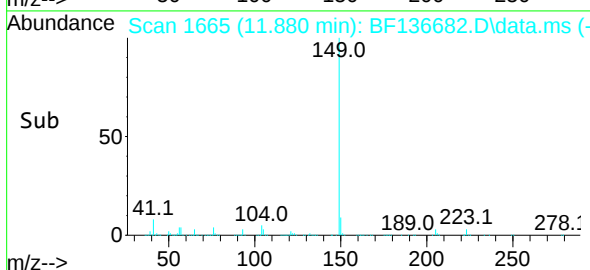
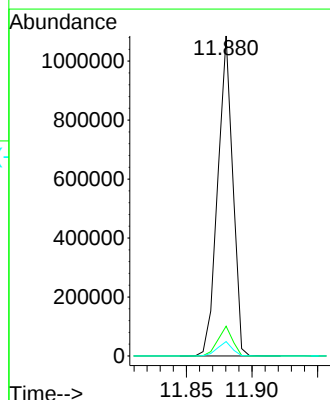
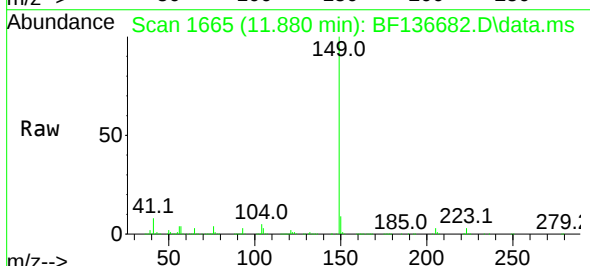
Tgt Ion:149 Resp: 862771

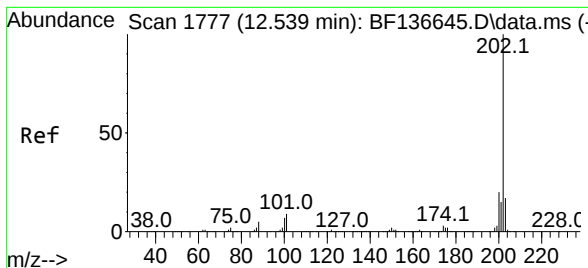
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

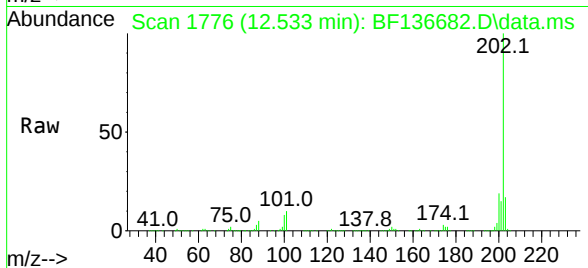
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 37.696 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

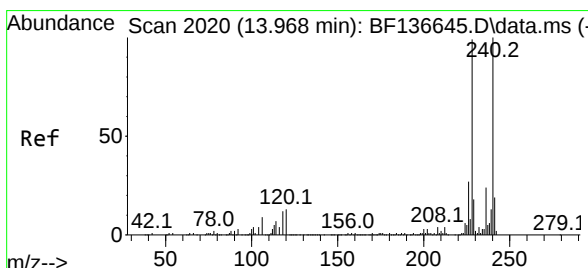
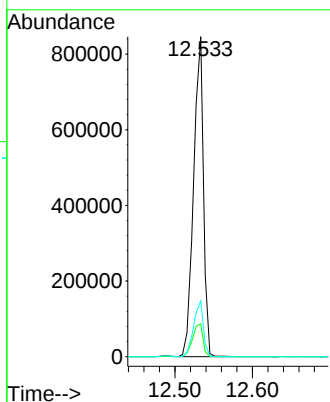
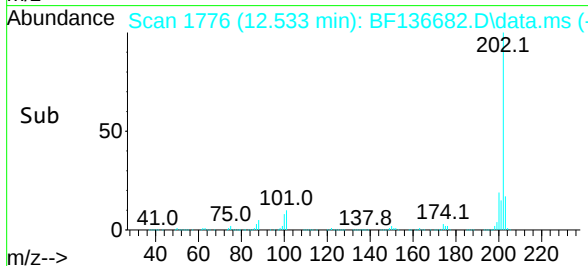
Instrument :
BNA_F
ClientSampleId :
PB157642BS



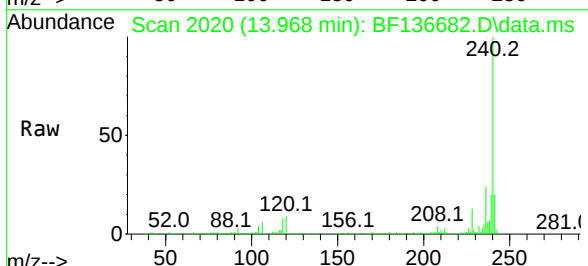
Tgt Ion:202 Resp: 746874
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.3
203 17.5 0.0 37.1

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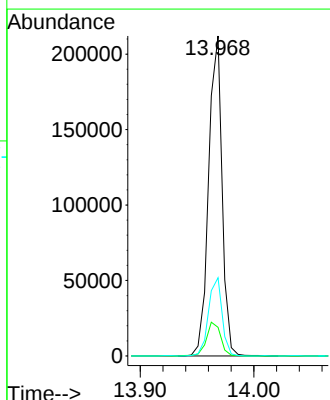
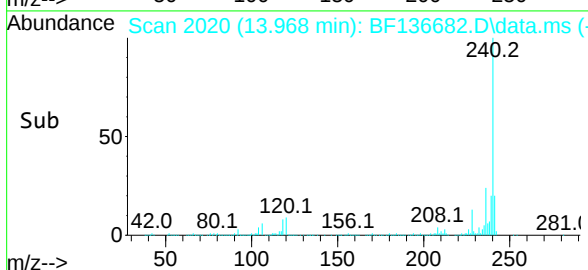
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

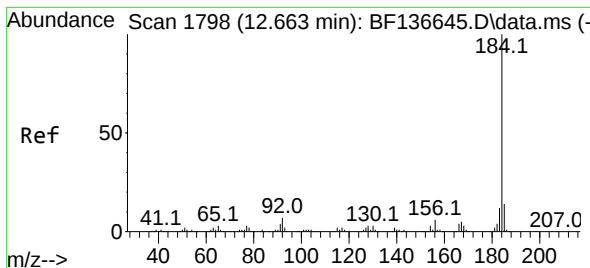


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:240 Resp: 173750
Ion Ratio Lower Upper
240 100
120 8.9 10.3 15.5#
236 24.4 19.4 29.2





#77

Benzidine

Concen: 5.692 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136682.D

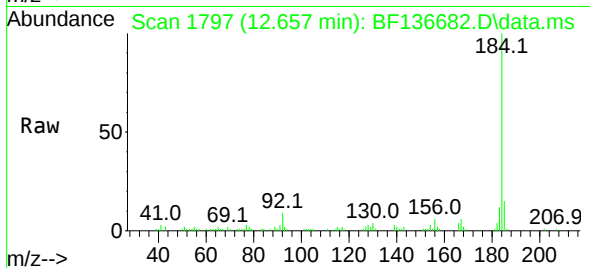
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS



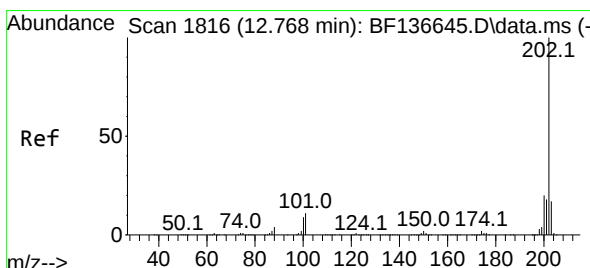
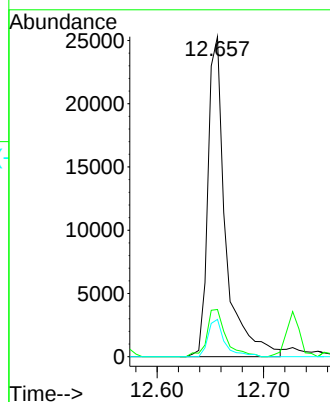
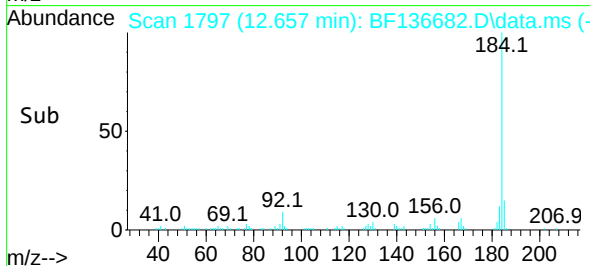
Tgt Ion:	184	Resp:	2916
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.2	16.8
183	11.6	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#78

Pyrene

Concen: 43.457 ng

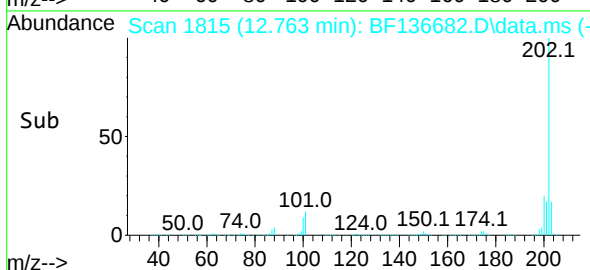
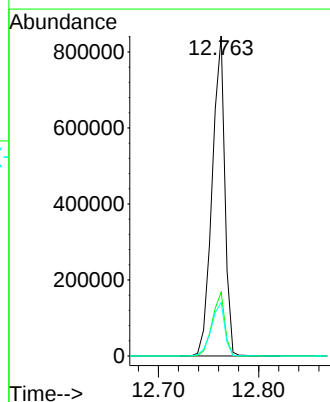
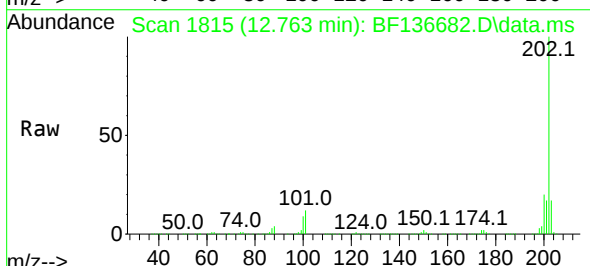
RT: 12.763 min Scan# 1815

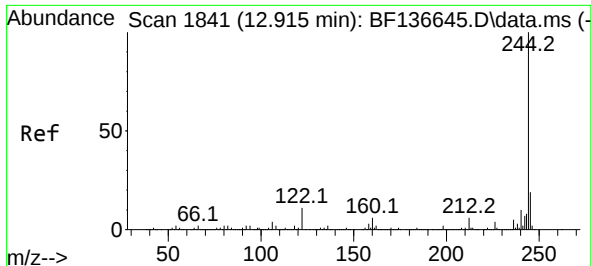
Delta R.T. -0.006 min

Lab File: BF136682.D

Acq: 22 Dec 2023 12:55

Tgt Ion:	202	Resp:	741216
Ion Ratio	Lower	Upper	
202	100		
200	19.9	15.9	23.9
203	16.7	13.8	20.6





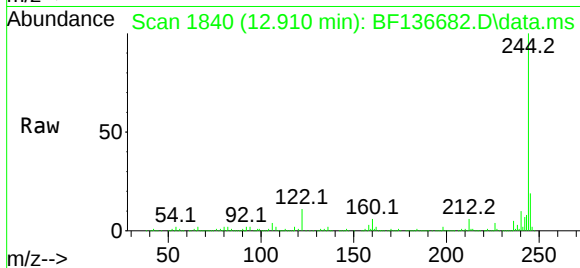
#79
 Terphenyl-d14
 Concen: 80.976 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136682.D
 Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS



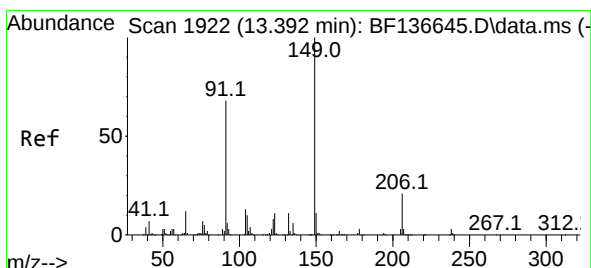
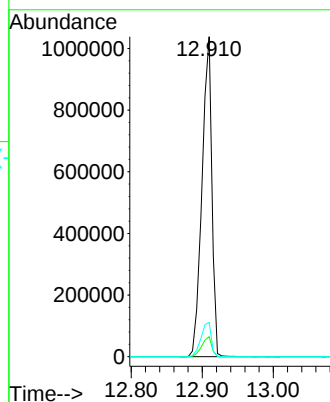
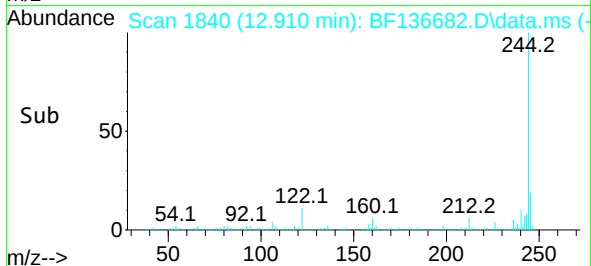
Tgt Ion:244 Resp: 100679
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.7 9.0 13.4

Manual Integrations

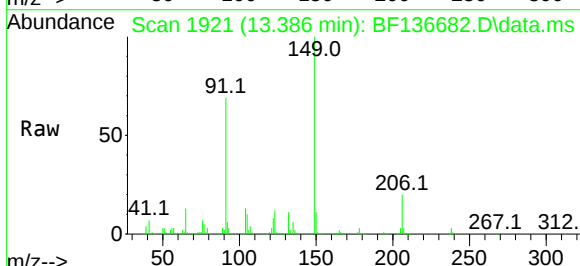
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

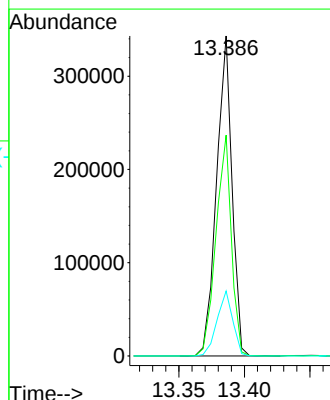
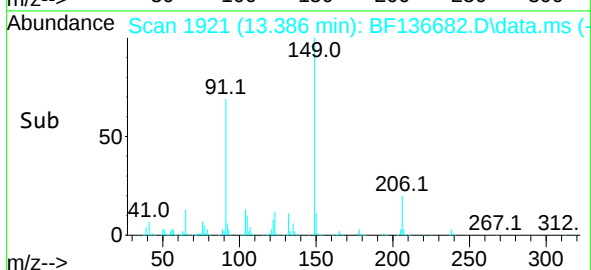
Supervised By :mohammad ahmed 12/25/2023

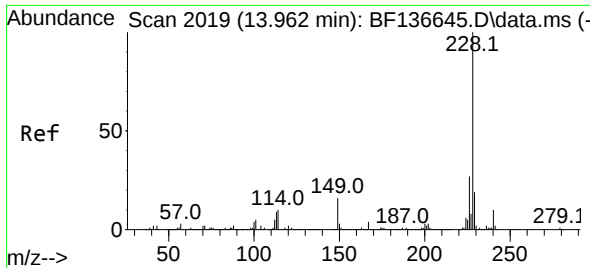


#80
 Butylbenzylphthalate
 Concen: 45.286 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136682.D
 Acq: 22 Dec 2023 12:55



Tgt Ion:149 Resp: 281061
 Ion Ratio Lower Upper
 149 100
 91 69.0 54.1 81.1
 206 20.3 17.1 25.7





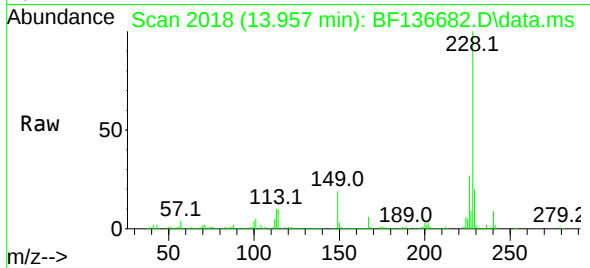
#81
Benzo(a)anthracene
Concen: 40.820 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

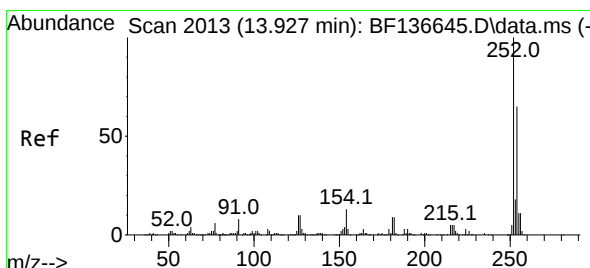
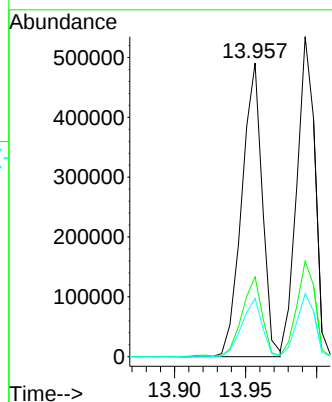
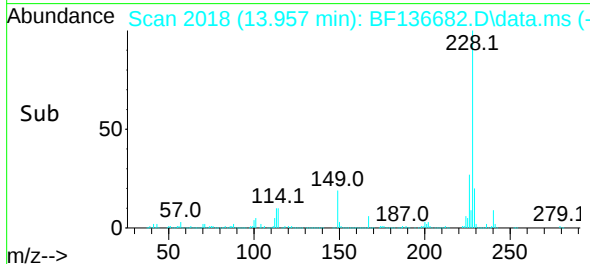


Tgt Ion:228 Resp: 492498
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.8 14.9 22.3

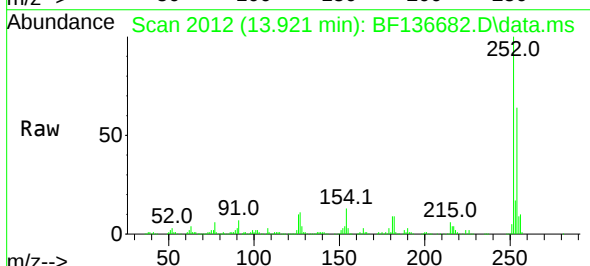
Manual Integrations

APPROVED

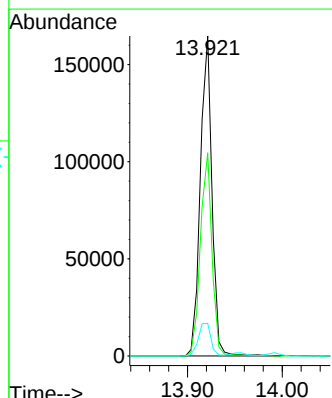
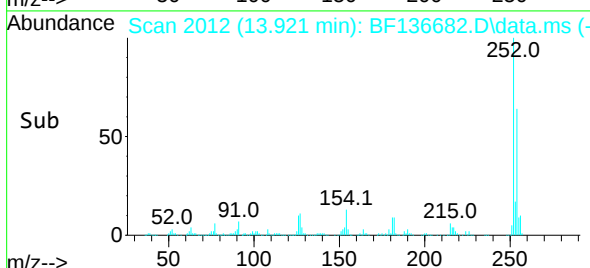
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

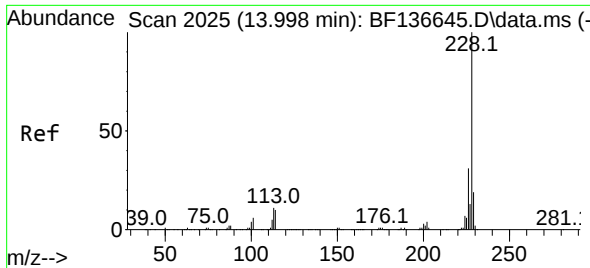


#82
3,3'-Dichlorobenzidine
Concen: 41.030 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



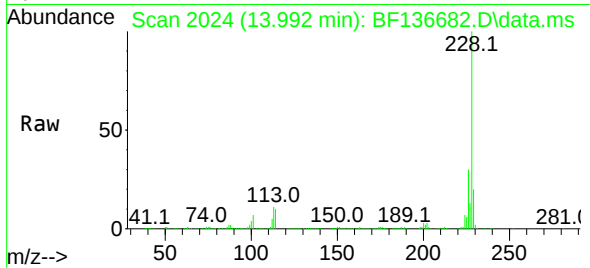
Tgt Ion:252 Resp: 140582
Ion Ratio Lower Upper
252 100
254 63.5 52.2 78.4
126 10.2 8.0 12.0





#83
Chrysene
Concen: 40.313 ng
RT: 13.992 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

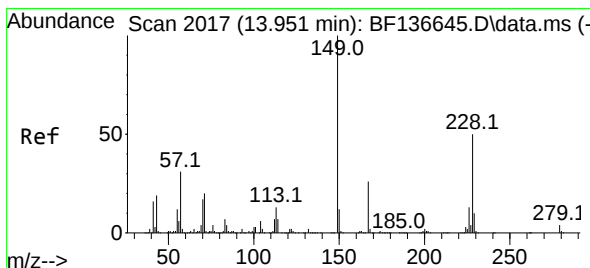
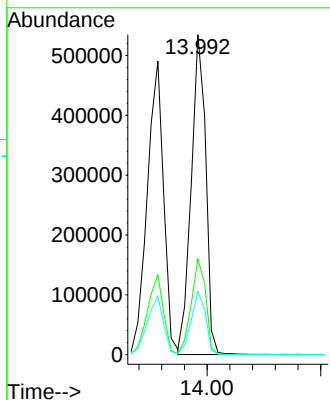
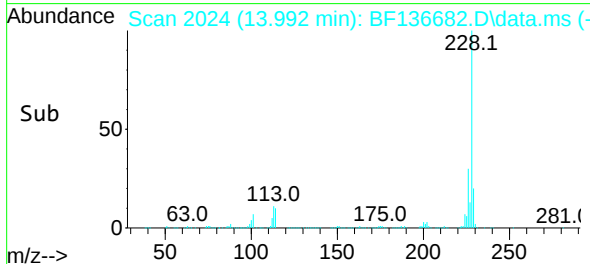
Instrument :
BNA_F
ClientSampleId :
PB157642BS



Tgt Ion:228 Resp: 475620
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 19.7 15.4 23.0

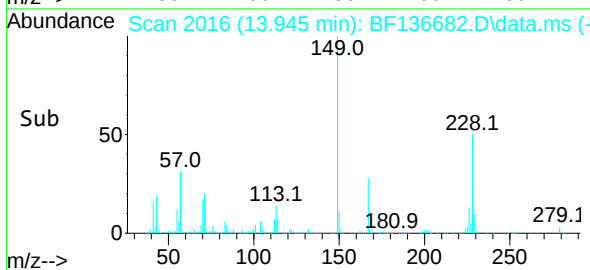
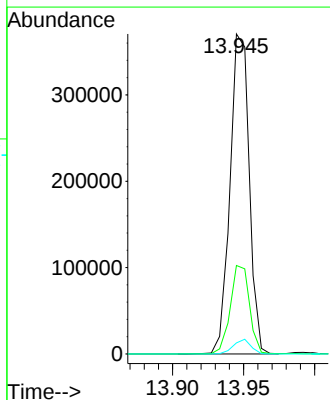
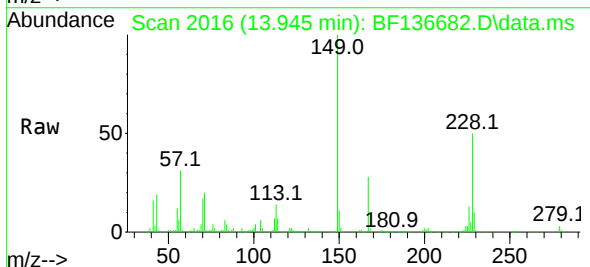
Manual Integrations
APPROVED

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



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.591 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

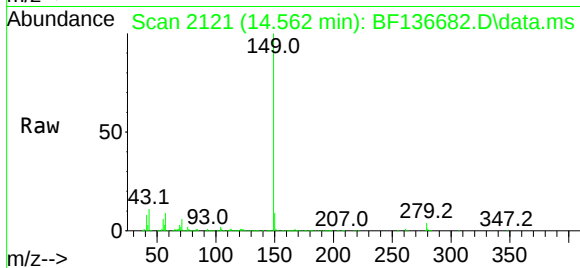
Tgt Ion:149 Resp: 348197
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 3.4 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 45.511 ng
RT: 14.562 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

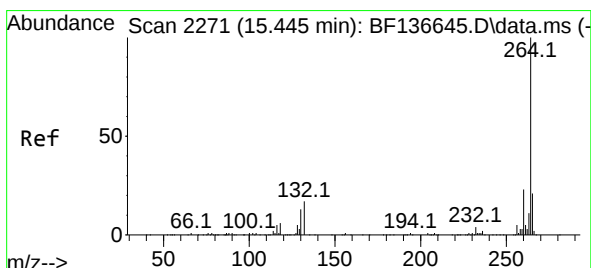
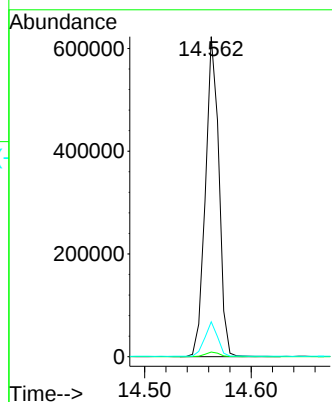
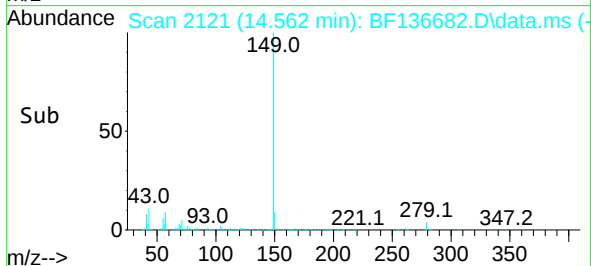
Instrument :
BNA_F
ClientSampleId :
PB157642BS



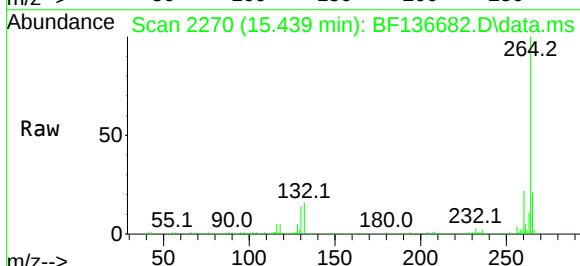
Tgt Ion:149 Resp: 549725
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.3 8.9 13.3

Manual Integrations
APPROVED

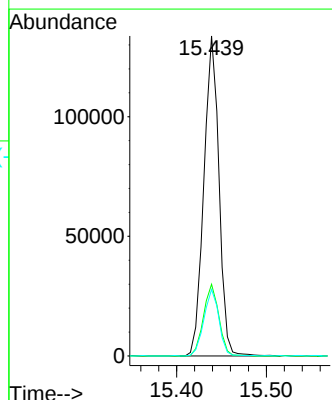
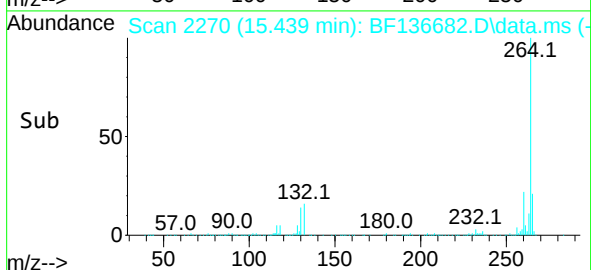
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

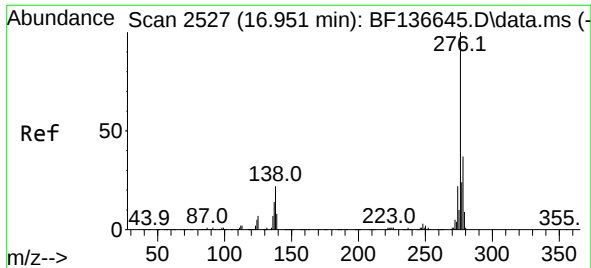


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:264 Resp: 156267
Ion Ratio Lower Upper
264 100
260 22.4 18.3 27.5
265 20.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.672 ng
RT: 16.945 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

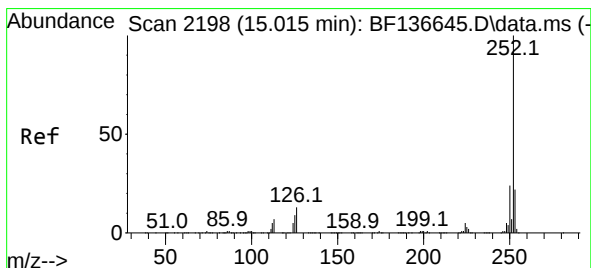
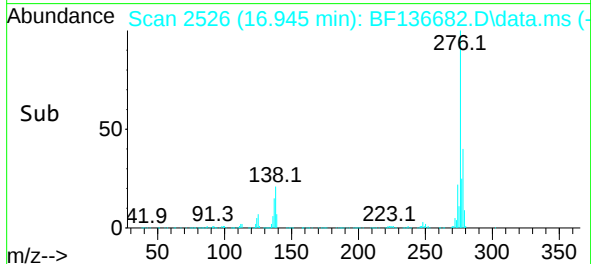
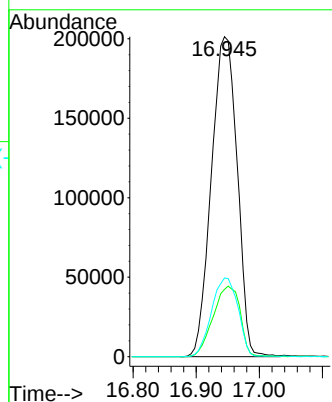
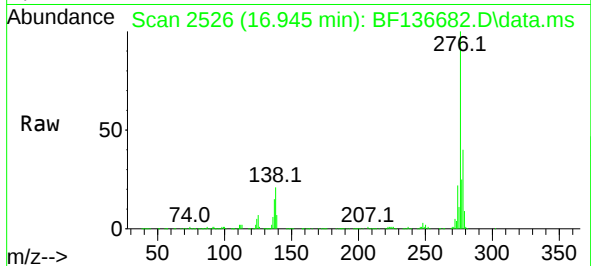
ClientSampleId :

PB157642BS

Tgt Ion:276 Resp: 571718
Ion Ratio Lower Upper
276 100
138 23.1 18.7 28.1
277 25.3 20.2 30.2

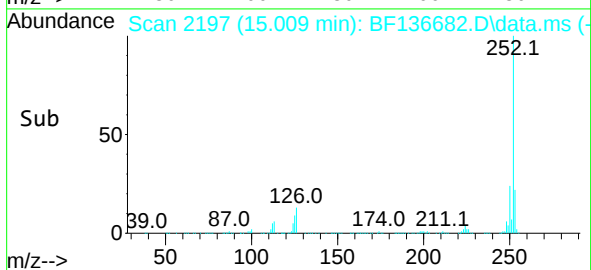
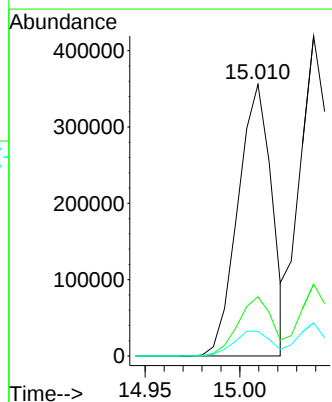
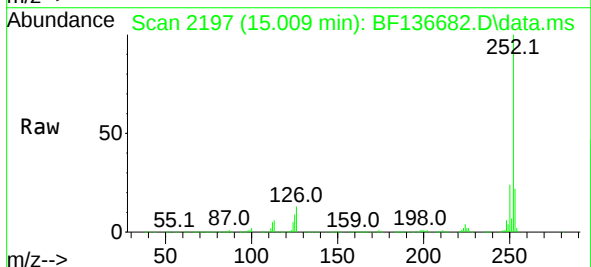
Manual Integrations
APPROVED

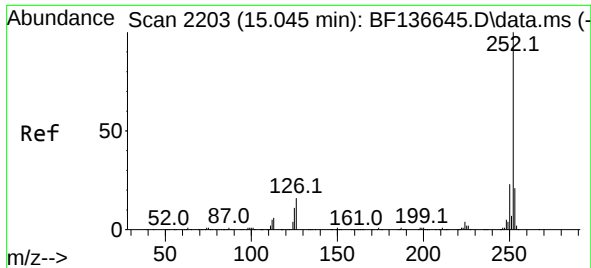
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#88
Benzo(b)fluoranthene
Concen: 42.419 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Tgt Ion:252 Resp: 442740
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.1 7.4 11.2





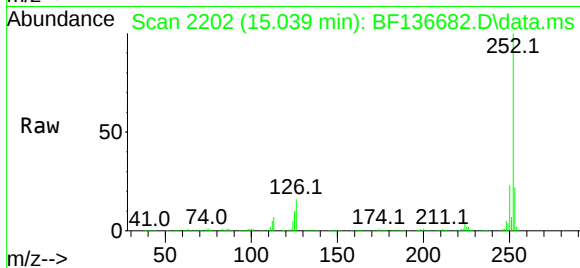
#89
Benzo(k)fluoranthene
Concen: 44.072 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

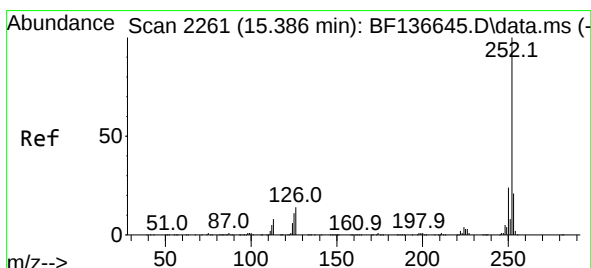
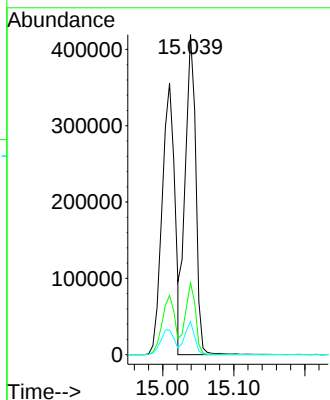
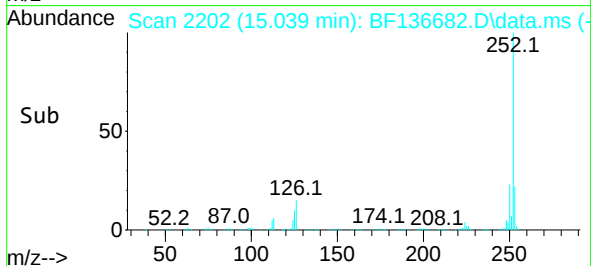
PB157642BS



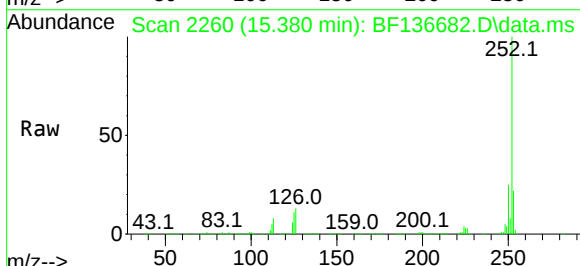
Tgt Ion:252 Resp: 43464
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.3 8.2 12.4

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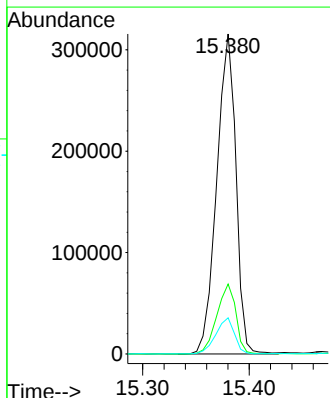
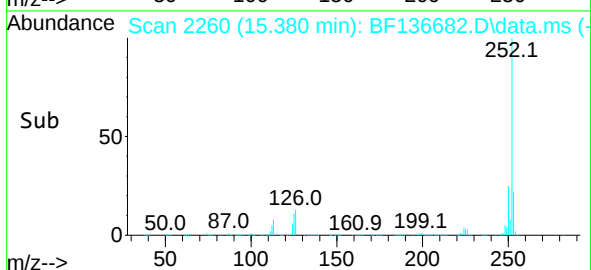
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

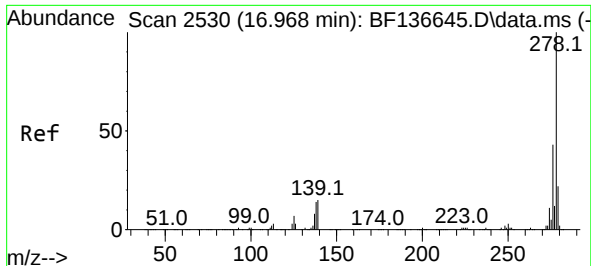


#90
Benzo(a)pyrene
Concen: 44.699 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:252 Resp: 393803
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.3 8.8 13.2





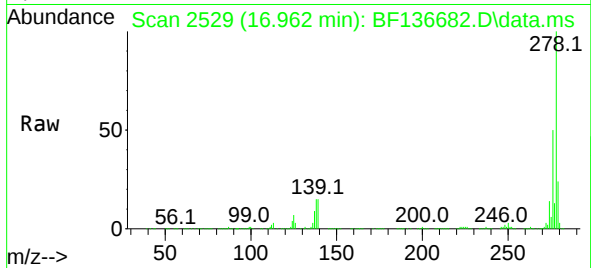
#91
Dibenzo(a,h)anthracene
Concen: 51.194 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB157642BS

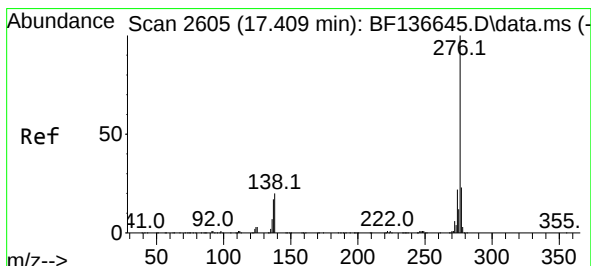
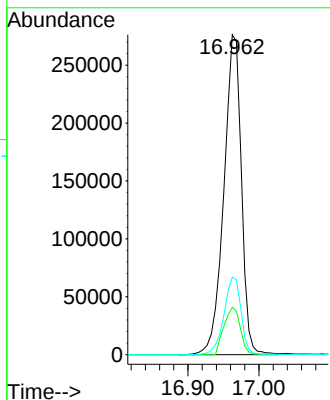
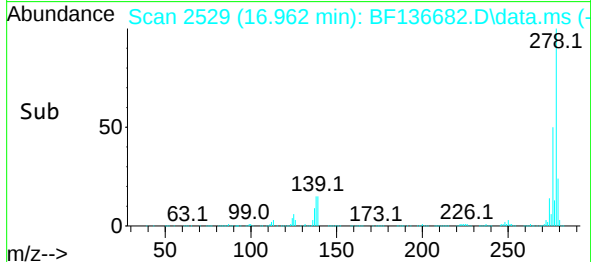


Tgt Ion:278 Resp: 47386
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 24.2 17.8 26.6

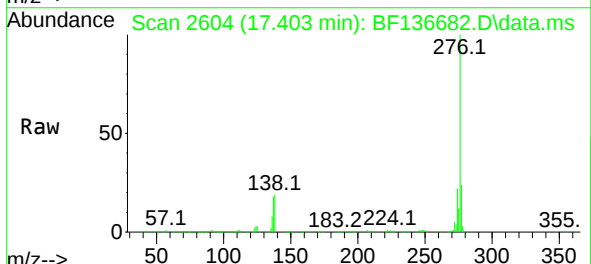
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.426 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136682.D
Acq: 22 Dec 2023 12:55



Tgt Ion:276 Resp: 478058
Ion Ratio Lower Upper
276 100
277 23.7 18.3 27.5
138 19.1 15.6 23.4

