

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136657.D
 Acq On : 20 Dec 2023 20:08
 Operator : CG\JU
 Sample : PB157519BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157519BS

Quant Time: Dec 21 02:19:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	65207	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	261593	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	142722	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	285598	20.000	ng	0.00
76) Chrysene-d12	13.962	240	170702	20.000	ng	0.00
86) Perylene-d12	15.439	264	130473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	64422	15.415	ng	0.00
7) Phenol-d6	6.428	99	81529	15.056	ng	-0.01
23) Nitrobenzene-d5	7.345	82	49408	9.665	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	22878	13.611	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	115720	10.905	ng	-0.01
79) Terphenyl-d14	12.904	244	132353	10.835	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	11058	6.350	ng	95
3) Pyridine	3.369	79	20160m	4.745	ng	
4) n-Nitrosodimethylamine	3.293	42	11720	5.166	ng	# 94
6) Aniline	6.451	93	24109	4.453	ng	93
8) 2-Chlorophenol	6.575	128	25112	5.491	ng	98
9) Benzaldehyde	6.345	77	12439	4.038	ng	97
10) Phenol	6.439	94	32812	5.676	ng	83
11) bis(2-Chloroethyl)ether	6.522	93	23995	5.458	ng	96
12) 1,3-Dichlorobenzene	6.728	146	27125	5.437	ng	98
13) 1,4-Dichlorobenzene	6.804	146	27496	5.394	ng	99
14) 1,2-Dichlorobenzene	6.957	146	26331	5.551	ng	99
15) Benzyl Alcohol	6.934	79	13569	3.714	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	39825	5.541	ng	98
17) 2-Methylphenol	7.045	107	20719	5.469	ng	98
18) Hexachloroethane	7.298	117	9657	5.216	ng	92
19) n-Nitroso-di-n-propyla...	7.192	70	18551	5.651	ng	97
20) 3+4-Methylphenols	7.198	107	27745	5.862	ng	# 80
22) Acetophenone	7.192	105	38914	5.935	ng	# 89
24) Nitrobenzene	7.363	77	26604	5.195	ng	98
25) Isophorone	7.598	82	49426	5.313	ng	98
26) 2-Nitrophenol	7.681	139	12110	4.943	ng	# 88
27) 2,4-Dimethylphenol	7.722	122	16650	5.582	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	30481	5.391	ng	98
29) 2,4-Dichlorophenol	7.928	162	20661	5.380	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	22345	5.222	ng	95
31) Naphthalene	8.086	128	77998	5.427	ng	99
32) Benzoic acid	7.804	122	11049	3.828	ng	86
33) 4-Chloroaniline	8.139	127	24505	4.618	ng	97
34) Hexachlorobutadiene	8.204	225	13460	5.178	ng	99
35) Caprolactam	8.469	113	7054	5.568	ng	94
36) 4-Chloro-3-methylphenol	8.622	107	23603	5.460	ng	95
37) 2-Methylnaphthalene	8.775	142	50001	5.406	ng	100
38) 1-Methylnaphthalene	8.875	142	49520	5.457	ng	94
40) 1,2,4,5-Tetrachloroben...	8.945	216	24788	5.608	ng	99
41) Hexachlorocyclopentadiene	8.927	237	8531	10.581	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	13848	4.885	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	17748	5.619	ng	96
46) 1,1'-Biphenyl	9.239	154	69637	5.814	ng	99
47) 2-Chloronaphthalene	9.263	162	50376	5.533	ng	99
48) 2-Nitroaniline	9.363	65	14812	5.195	ng	97
49) Acenaphthylene	9.680	152	85979	6.178	ng	99
50) Dimethylphthalate	9.539	163	57777	5.542	ng	99
51) 2,6-Dinitrotoluene	9.604	165	12734	5.382	ng	93
52) Acenaphthene	9.851	154	48203	5.588	ng	98
53) 3-Nitroaniline	9.774	138	12463	4.973	ng	98
54) 2,4-Dinitrophenol	9.886	184	3665	6.400	ng	# 71
55) Dibenzofuran	10.027	168	76692	5.865	ng	98
56) 4-Nitrophenol	9.951	139	11874	7.018	ng	98
57) 2,4-Dinitrotoluene	10.010	165	16498	5.371	ng	# 91
58) Fluorene	10.369	166	62724	6.045	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.145	232	12906	5.308	ng	98
60) Diethylphthalate	10.245	149	61316	5.669	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	29314	5.812	ng	99
62) 4-Nitroaniline	10.386	138	11830m	4.896	ng	
63) Azobenzene	10.522	77	56739	5.616	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	4664	2.850	ng	92
66) n-Nitrosodiphenylamine	10.480	169	52802	5.691	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	17009	5.363	ng	94
68) Hexachlorobenzene	10.916	284	19557	5.533	ng	92
69) Atrazine	11.010	200	15873	6.689	ng	96
70) Pentachlorophenol	11.116	266	8757	5.315	ng	98
71) Phenanthrene	11.333	178	87045	5.940	ng	99
72) Anthracene	11.386	178	86433	5.824	ng	98
73) Carbazole	11.545	167	75826	5.419	ng	99
74) Di-n-butylphthalate	11.880	149	94312	5.524	ng	99
75) Fluoranthene	12.527	202	87685	5.594	ng	97
77) Benzidine	12.657	184	24528	4.873	ng	97
78) Pyrene	12.757	202	90294	5.388	ng	99
80) Butylbenzylphthalate	13.386	149	31673	5.194	ng	96
81) Benzo(a)anthracene	13.951	228	65853	5.556	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	15480	4.599	ng	# 98
83) Chrysene	13.986	228	61920	5.342	ng	96
84) Bis(2-ethylhexyl)phtha...	13.951	149	41511	5.411	ng	# 97
85) Di-n-octyl phthalate	14.562	149	58252	4.909	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	48022	5.098	ng	98
88) Benzo(b)fluoranthene	15.004	252	49076	5.632	ng	98
89) Benzo(k)fluoranthene	15.033	252	43761	5.314	ng	96
90) Benzo(a)pyrene	15.374	252	39883	5.422	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	40301	5.215	ng	99
92) Benzo(g,h,i)perylene	17.380	276	35654	4.504	ng	98

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

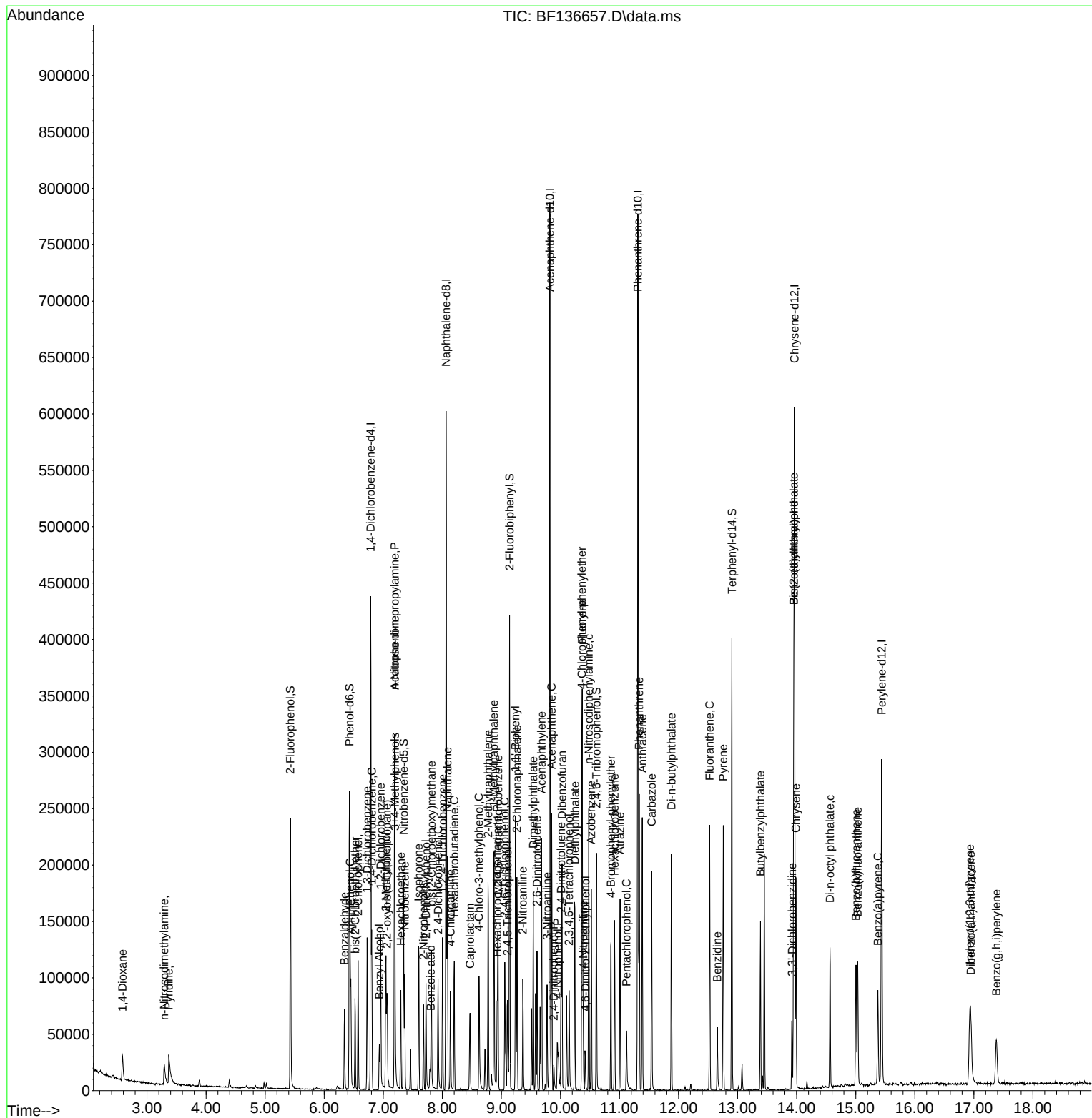
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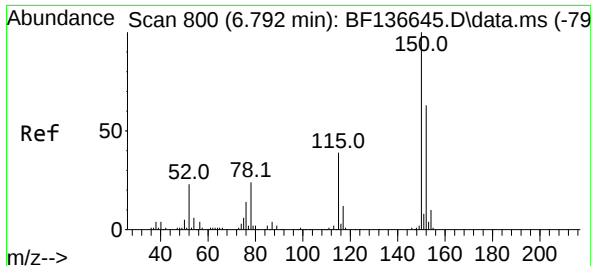
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF136657.D
 Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

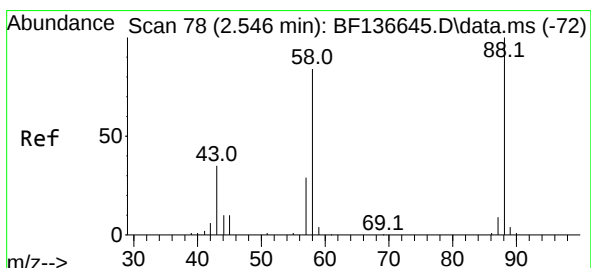
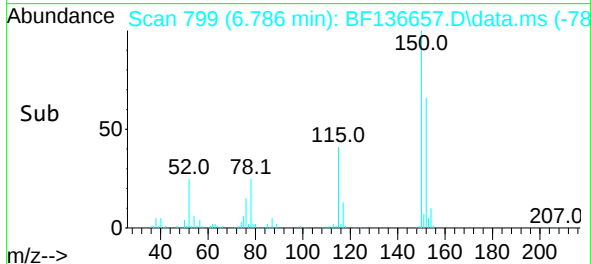
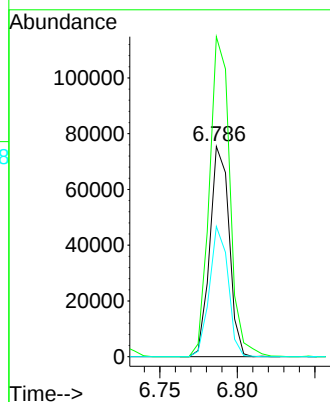
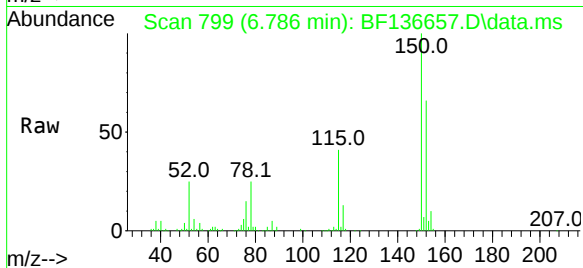
PB157519BS

Tgt Ion:152 Resp: 6520
 Ion Ratio Lower Upper
 152 100
 150 152.2 127.0 190.6
 115 61.9 49.0 73.4

Manual Integrations

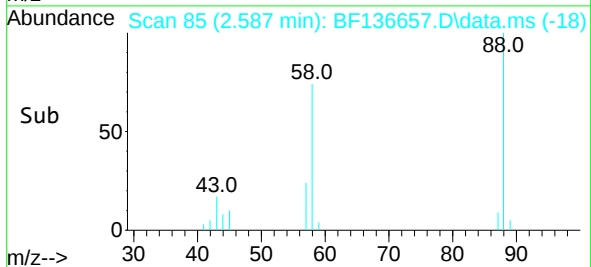
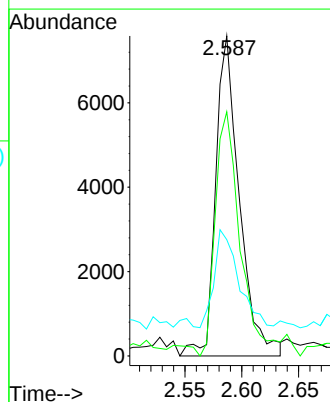
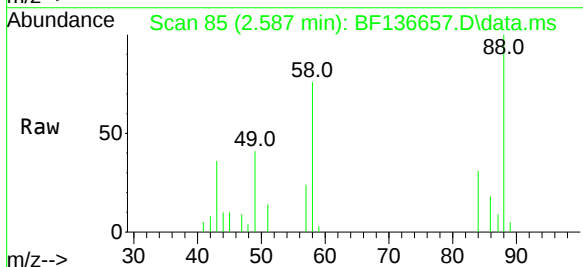
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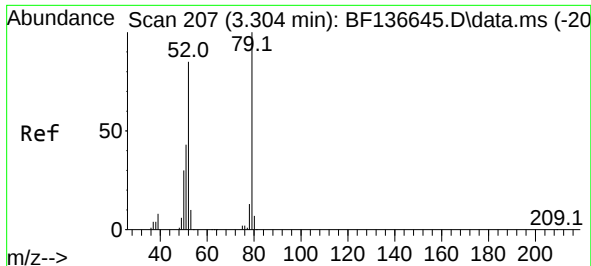
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023



#2
 1,4-Dioxane
 Concen: 6.350 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.041 min
 Lab File: BF136657.D
 Acq: 20 Dec 2023 20:08

Tgt Ion: 88 Resp: 11058
 Ion Ratio Lower Upper
 88 100
 58 79.6 67.4 101.0
 43 31.3 27.7 41.5





#3

Pyridine

Concen: 4.745 ng m

RT: 3.369 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

Tgt Ion: 79 Resp: 2016

Ion Ratio Lower Upper

79 100

52 88.8 67.7 101.5

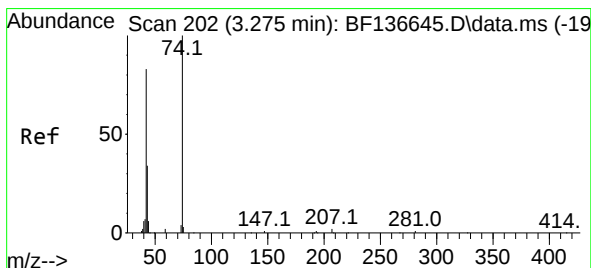
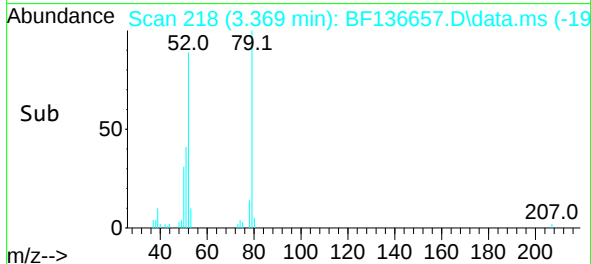
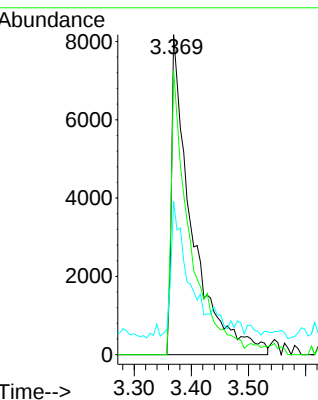
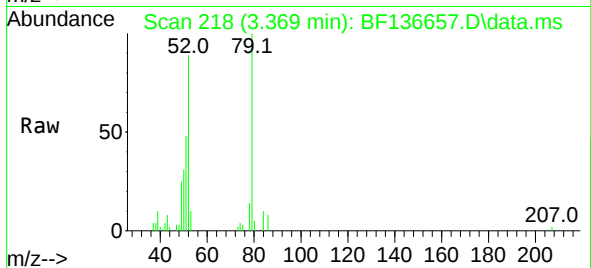
51 47.9 34.0 51.0

Manual Integrations

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Supervised By :mohammad ahmed 12/21/2023



#4

n-Nitrosodimethylamine

Concen: 5.166 ng

RT: 3.293 min Scan# 205

Delta R.T. 0.018 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

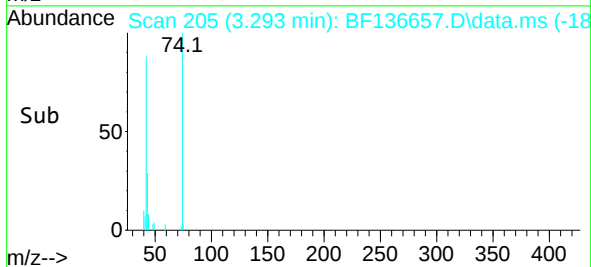
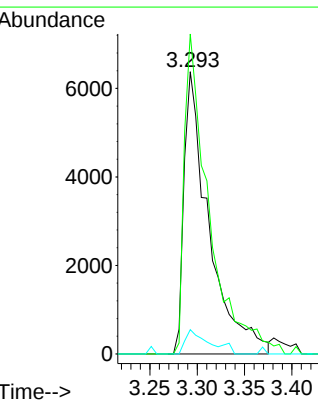
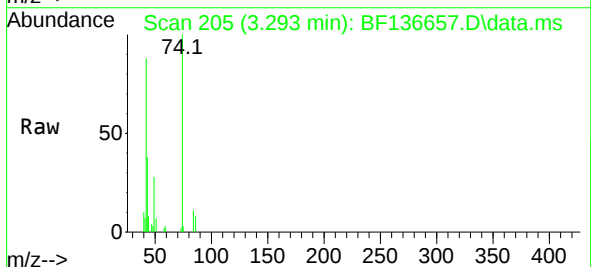
Tgt Ion: 42 Resp: 11720

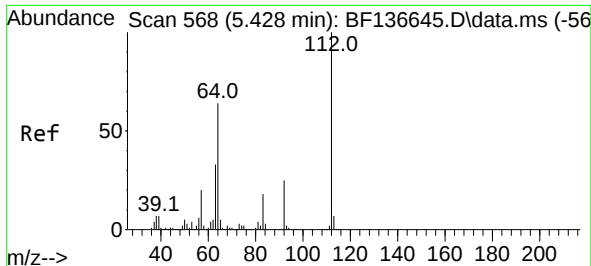
Ion Ratio Lower Upper

42 100

74 113.4 96.0 144.0

44 8.6 5.4 8.2#





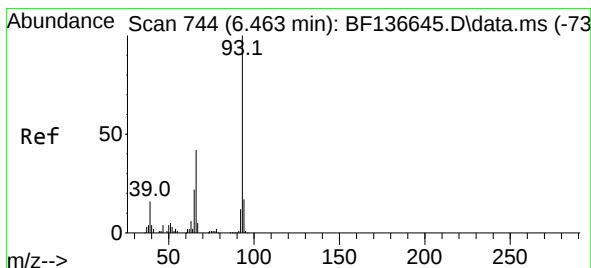
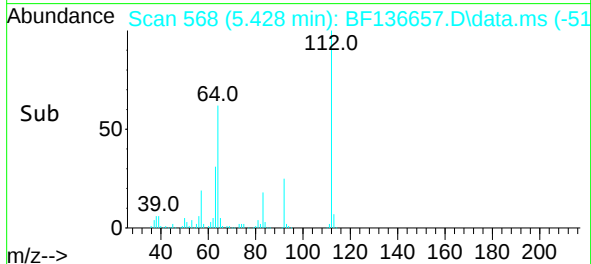
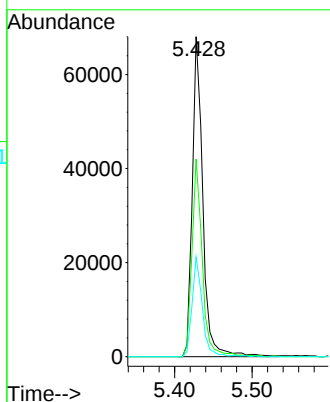
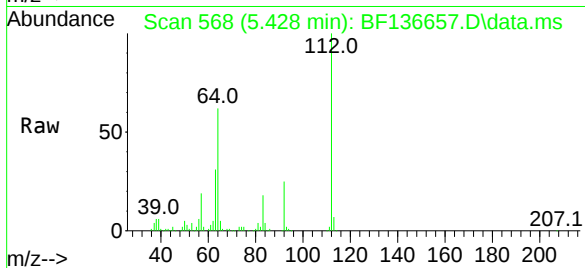
#5
2-Fluorophenol
Concen: 15.415 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

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Tgt Ion:112 Resp: 6442
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 31.2 26.1 39.1

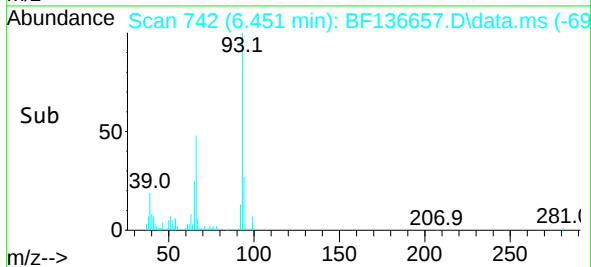
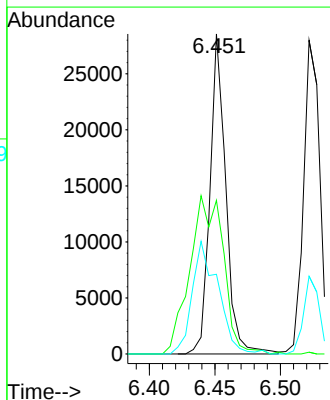
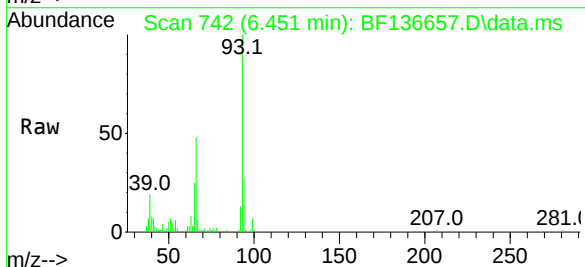
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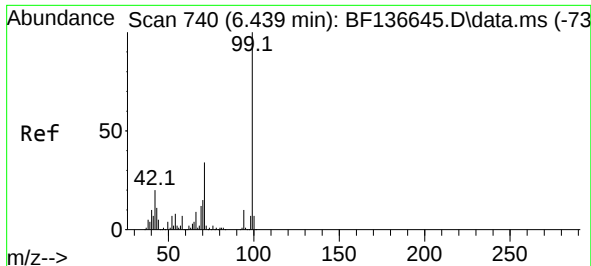
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#6
Aniline
Concen: 4.453 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Tgt Ion: 93 Resp: 24109
Ion Ratio Lower Upper
93 100
66 48.0 34.6 51.8
65 24.9 17.8 26.8





#7

Phenol-d6

Concen: 15.056 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

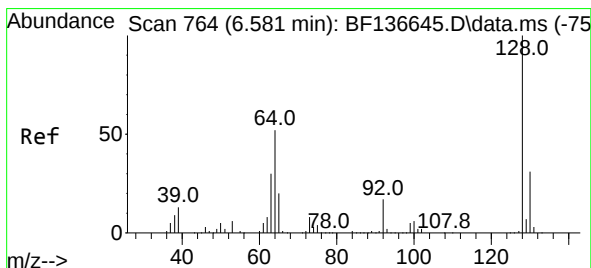
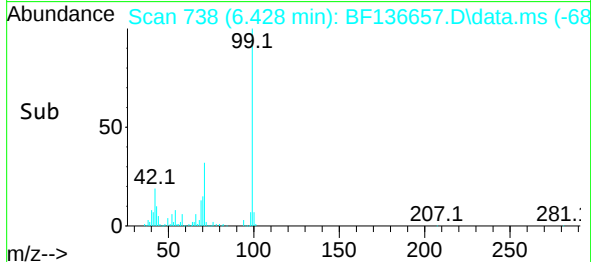
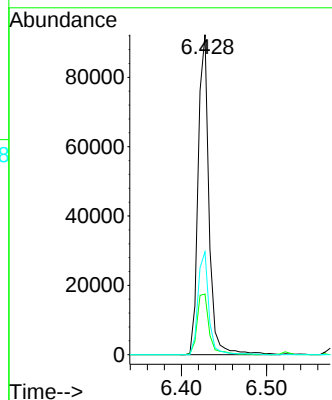
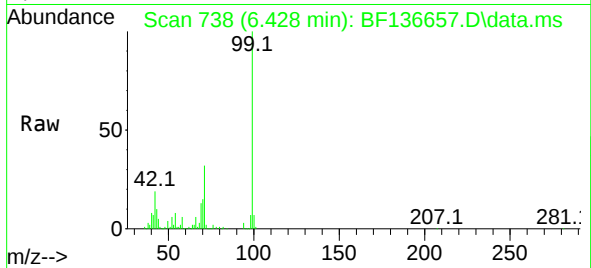
Tgt Ion:	99	Resp:	81529
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.1	24.1
71	32.2	27.4	41.2

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#8

2-Chlorophenol

Concen: 5.491 ng

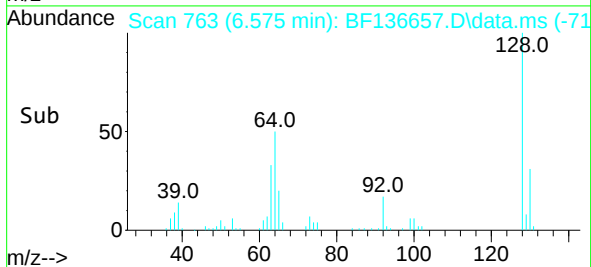
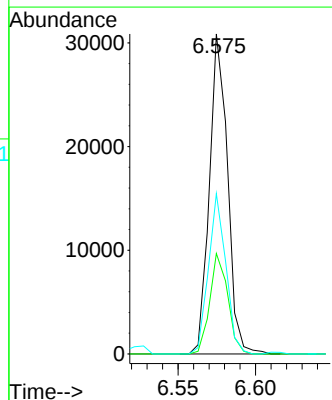
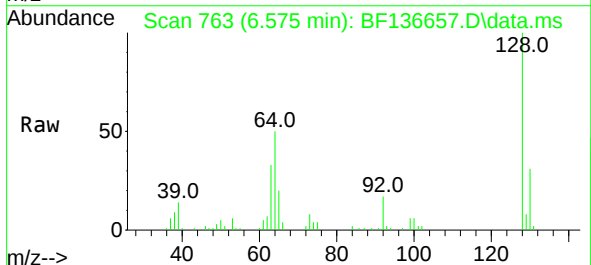
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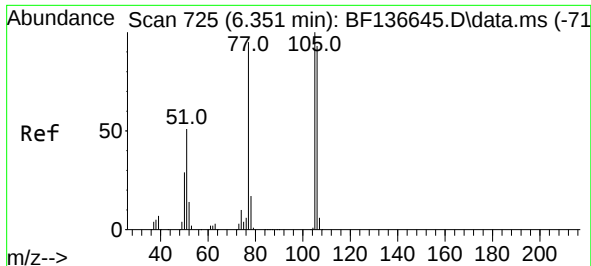
Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:	128	Resp:	25112
Ion	Ratio	Lower	Upper
128	100		
130	31.4	11.3	51.3
64	50.1	32.5	72.5





#9

Benzaldehyde

Concen: 4.038 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

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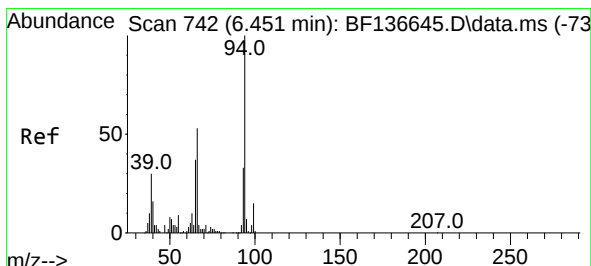
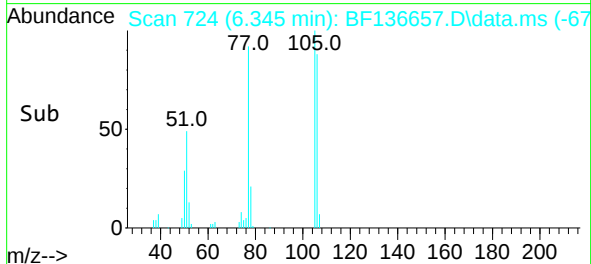
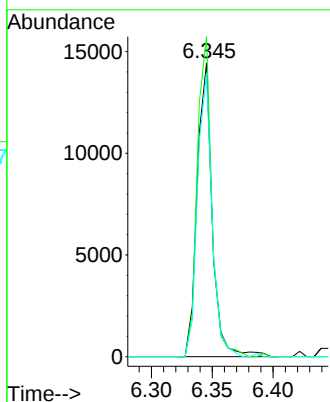
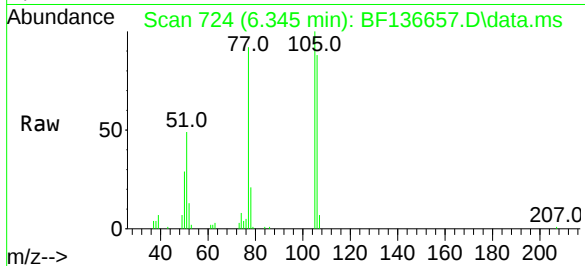
Tgt Ion: 77	Resp: 12439
Ion Ratio	Lower Upper
77 100	
105 108.9	84.8 124.8
106 96.4	77.8 117.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#10

Phenol

Concen: 5.676 ng

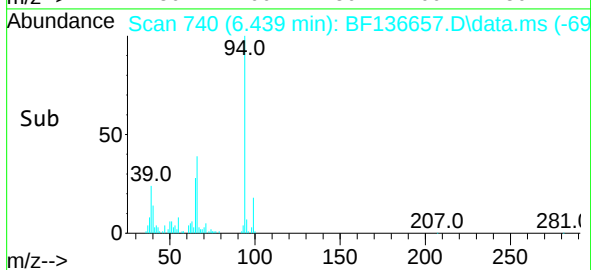
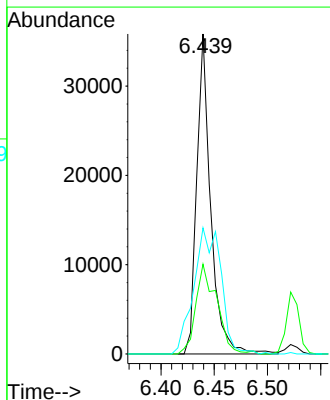
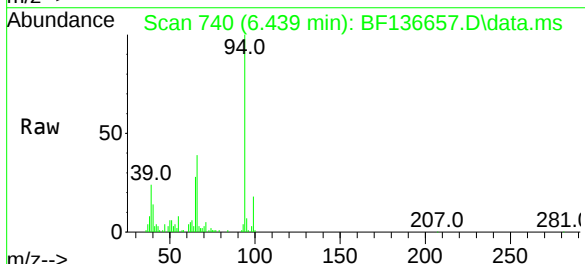
RT: 6.439 min Scan# 740

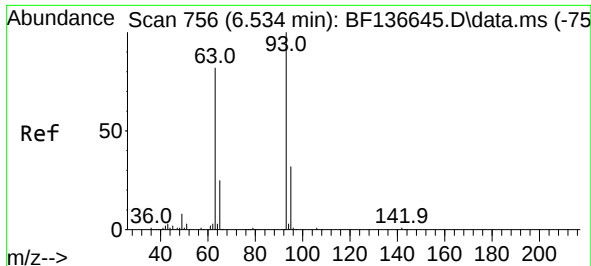
Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion: 94	Resp: 32812
Ion Ratio	Lower Upper
94 100	
65 28.0	16.6 56.6
66 39.4	32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 5.458 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

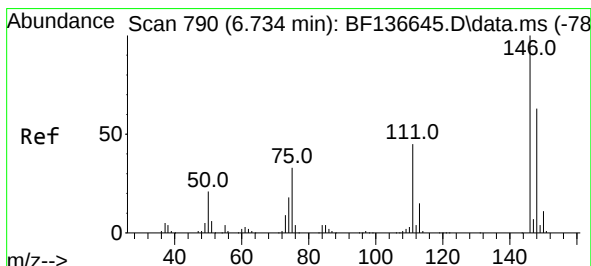
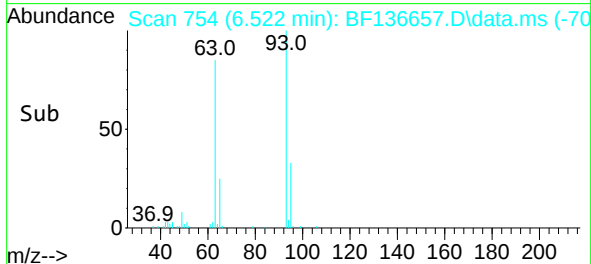
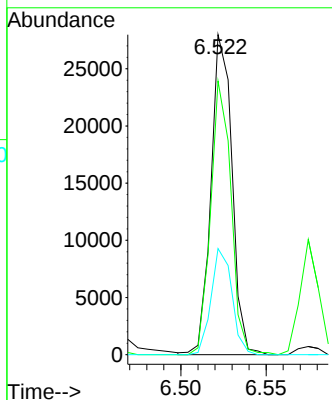
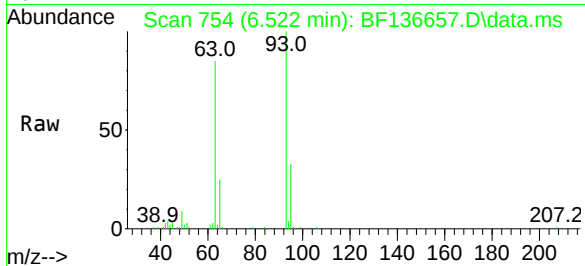
ClientSampleId :

PB157519BS

Tgt Ion: 93 Resp: 2399
Ion Ratio Lower Upper
93 100
63 85.5 61.2 101.2
95 33.1 11.6 51.6

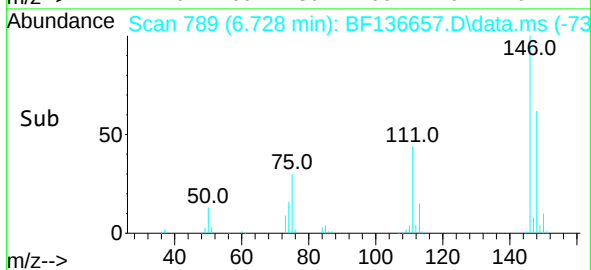
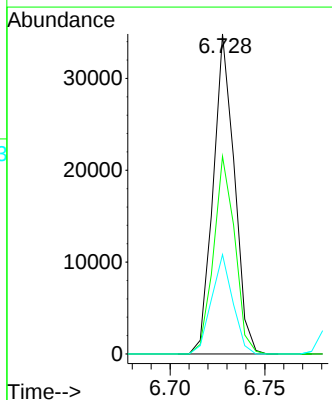
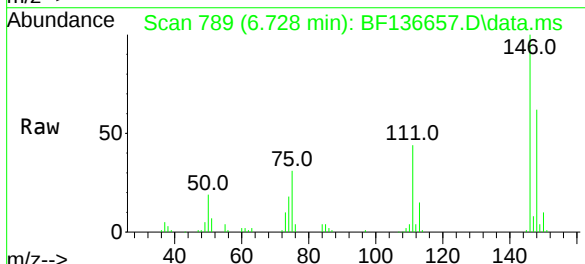
Manual Integrations
APPROVED

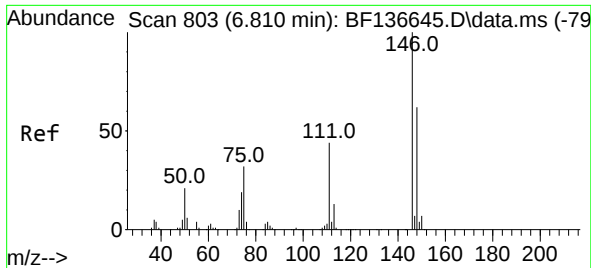
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#12
1,3-Dichlorobenzene
Concen: 5.437 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Tgt Ion:146 Resp: 27125
Ion Ratio Lower Upper
146 100
148 61.7 50.5 75.7
75 31.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 5.394 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

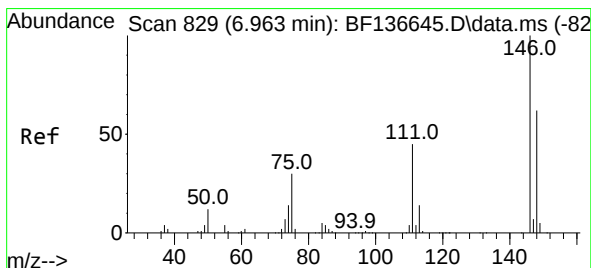
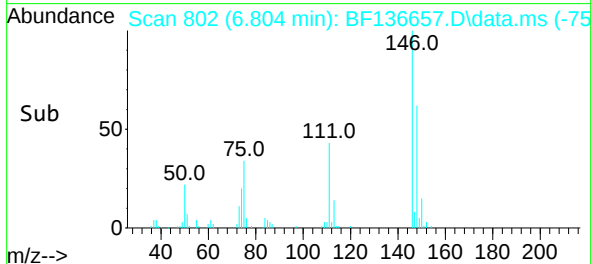
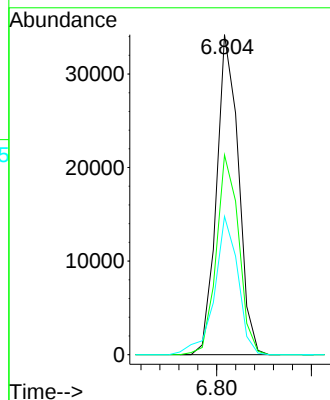
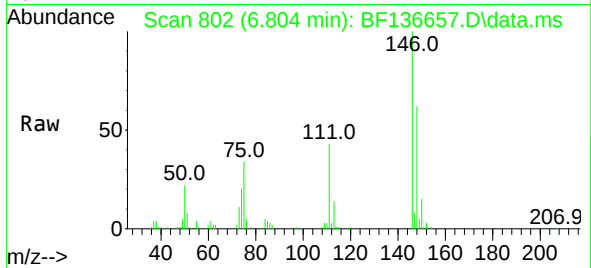
Tgt Ion:146	Resp:	27490
Ion Ratio	Lower	Upper
146	100	
148	62.4	49.2 73.8
111	43.2	35.2 52.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#14

1,2-Dichlorobenzene

Concen: 5.551 ng

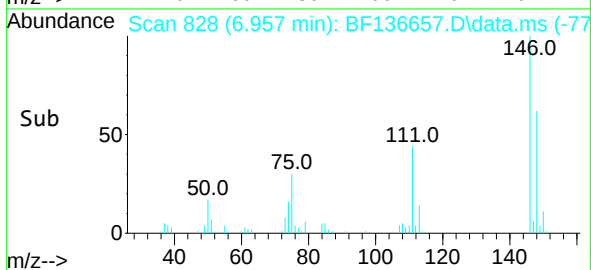
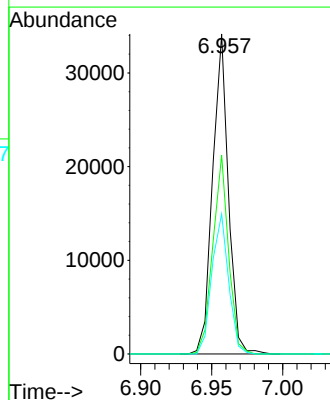
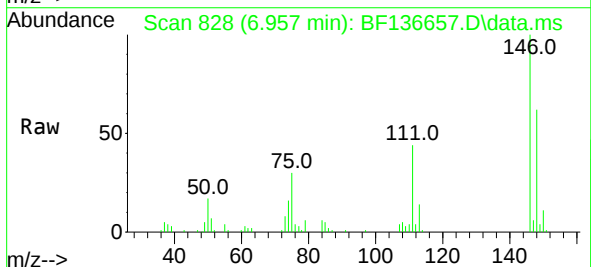
RT: 6.957 min Scan# 828

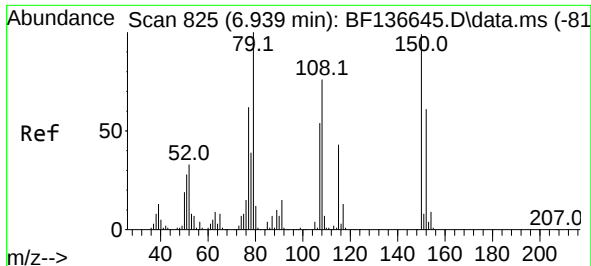
Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

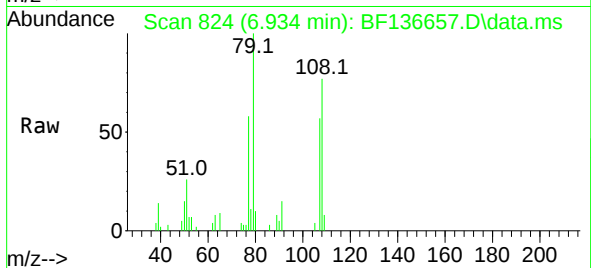
Tgt Ion:146	Resp:	26331
Ion Ratio	Lower	Upper
146	100	
148	62.1	49.6 74.4
111	43.8	36.2 54.2





#15
Benzyl Alcohol
Concen: 3.714 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

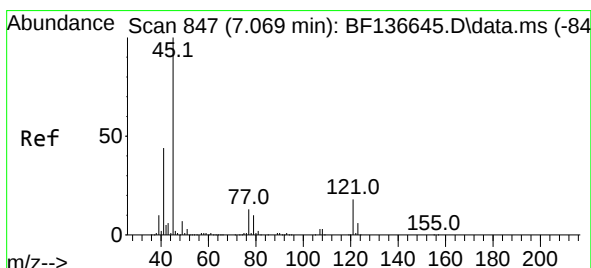
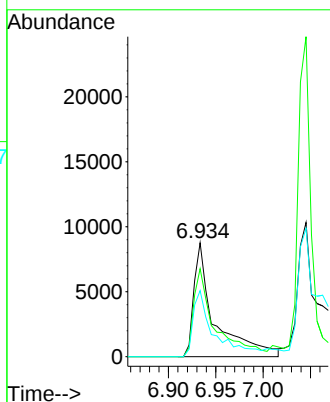
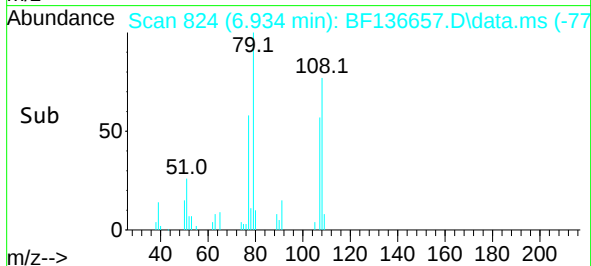
Instrument :
BNA_F
ClientSampleId :
PB157519BS



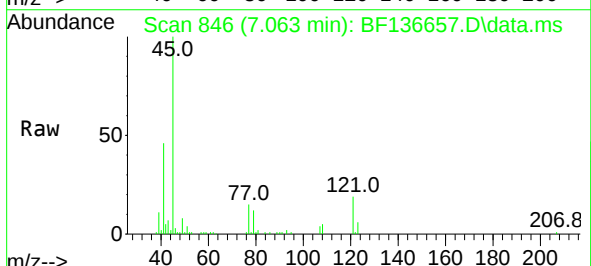
Tgt Ion: 79 Resp: 13569
Ion Ratio Lower Upper
79 100
108 77.2 61.0 91.6
77 58.0 49.8 74.8

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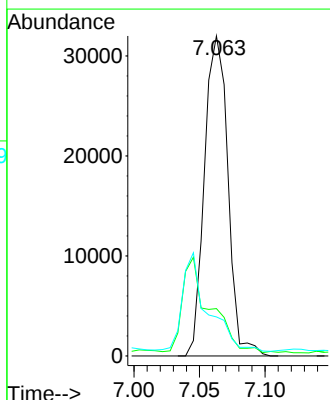
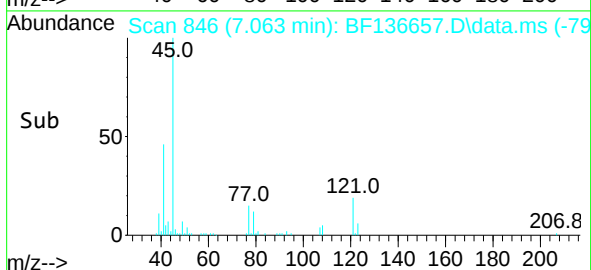
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

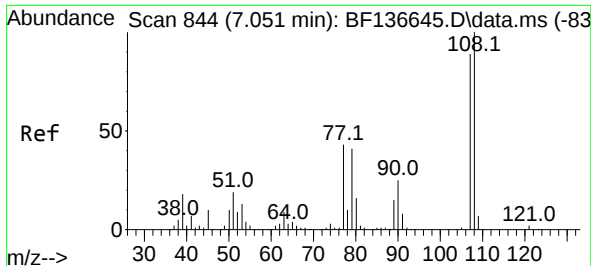


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.541 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion: 45 Resp: 39825
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.3
79 12.2 0.0 31.4





#17
2-Methylphenol
Concen: 5.469 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

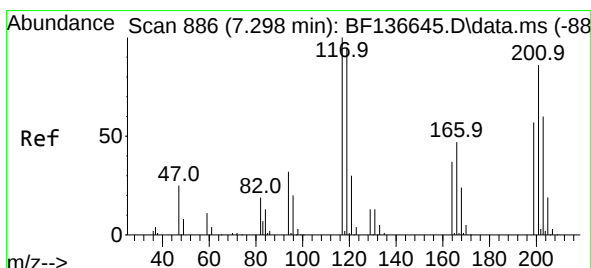
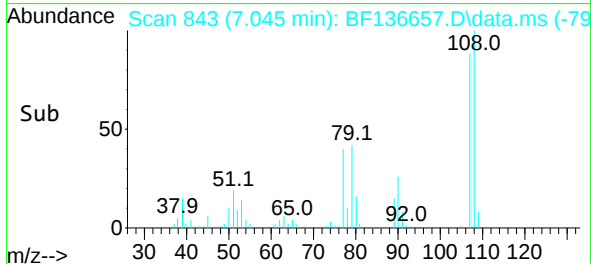
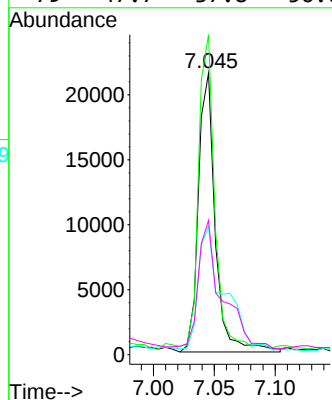
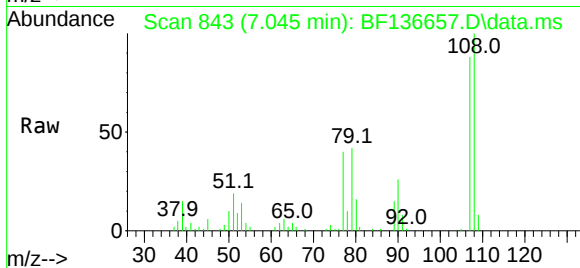
PB157519BS

Tgt Ion:107 Resp: 20719
Ion Ratio Lower Upper
107 100
108 113.7 90.3 135.5
77 45.6 38.7 58.1
79 47.7 37.8 56.6

Manual Integrations

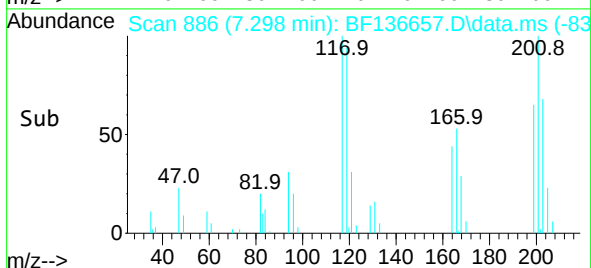
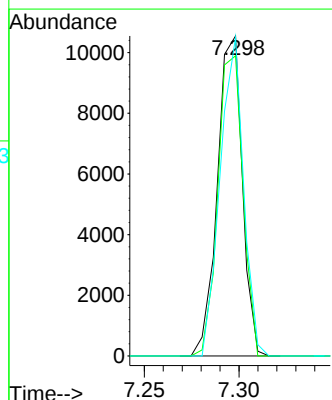
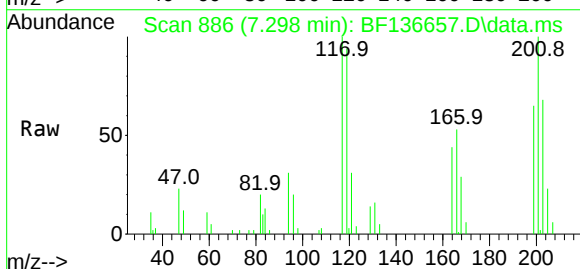
APPROVED

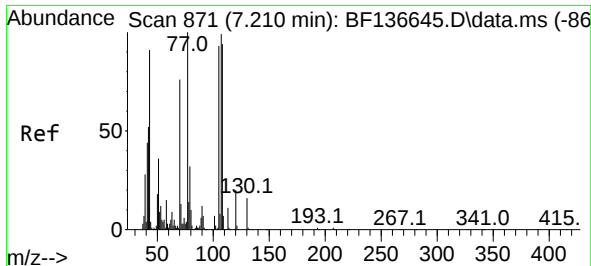
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#18
Hexachloroethane
Concen: 5.216 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

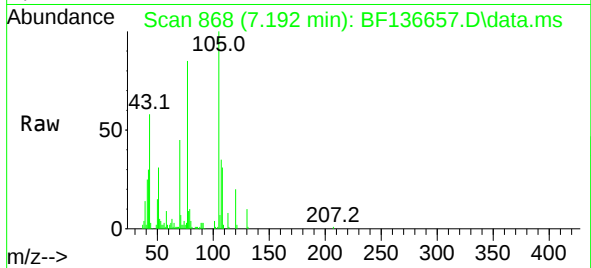
Tgt Ion:117 Resp: 9657
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
201 101.4 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 5.651 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

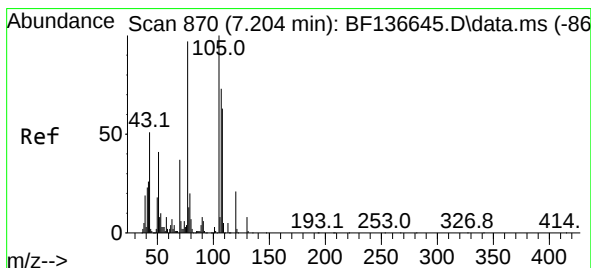
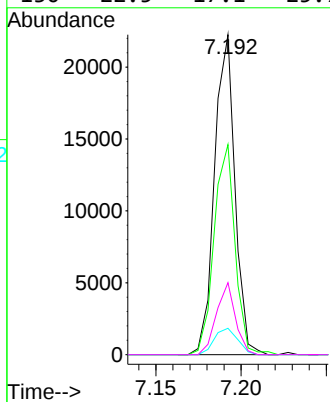
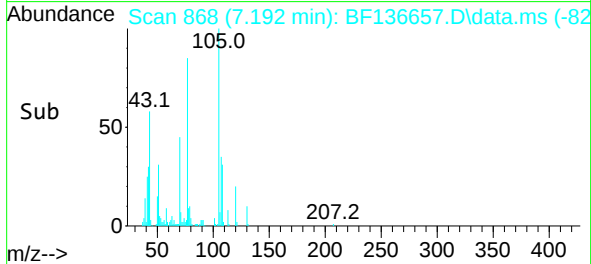
Instrument :
BNA_F
ClientSampleId :
PB157519BS



Tgt Ion: 70 Resp: 1855
Ion Ratio Lower Upper
70 100
42 65.6 54.2 81.4
101 8.3 7.6 11.4
130 22.5 17.1 25.7

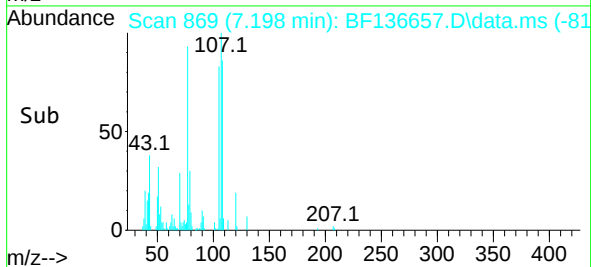
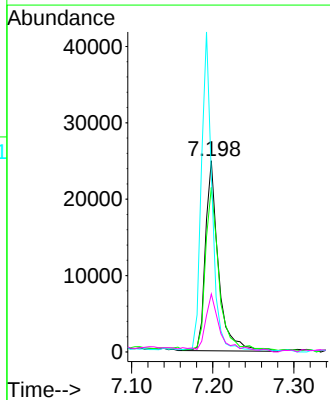
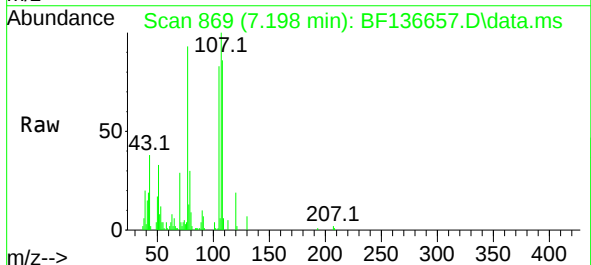
Manual Integrations
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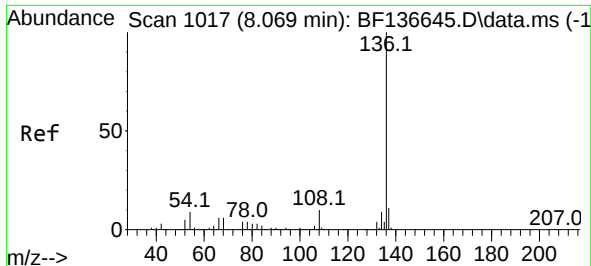
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#20
3+4-Methylphenols
Concen: 5.862 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Tgt Ion:107 Resp: 27745
Ion Ratio Lower Upper
107 100
108 86.0 66.0 106.0
77 92.8 114.2 154.2#
79 30.3 7.2 47.2





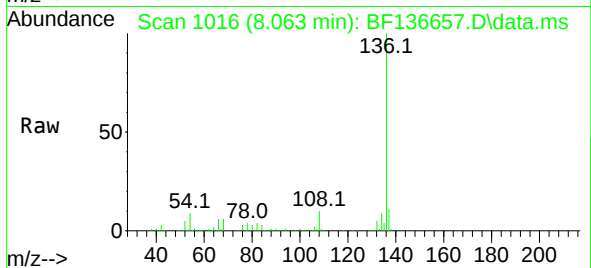
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

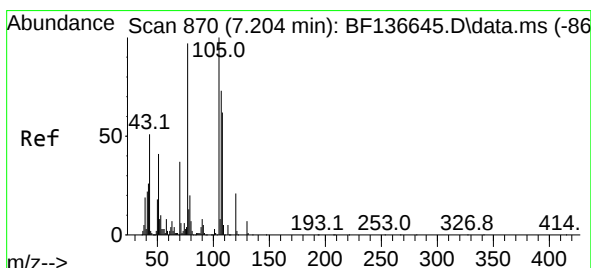
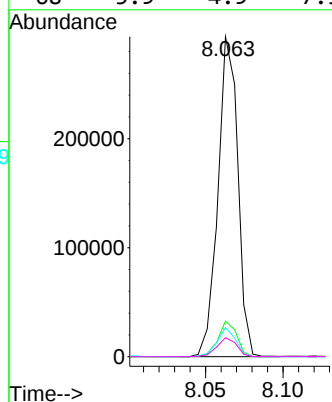
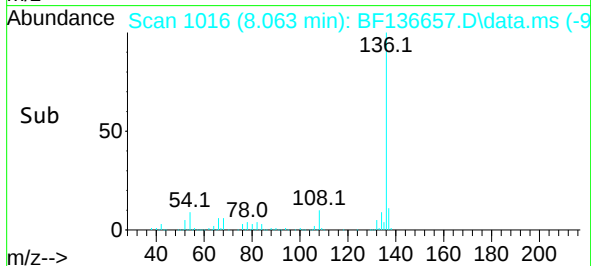


Tgt Ion:136 Resp: 26159
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.1 7.2 10.8
68 5.9 4.9 7.3

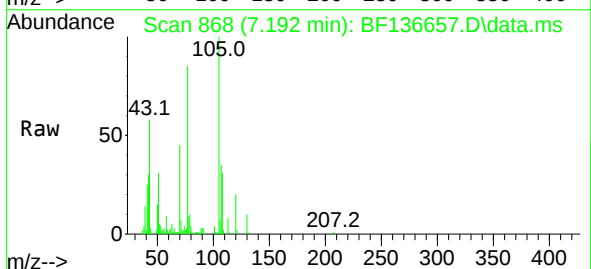
Manual Integrations

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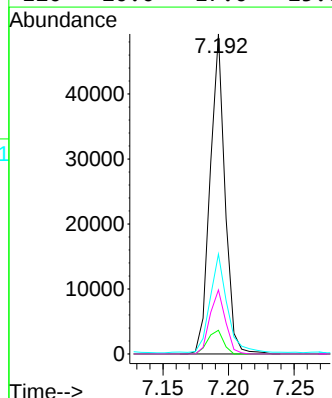
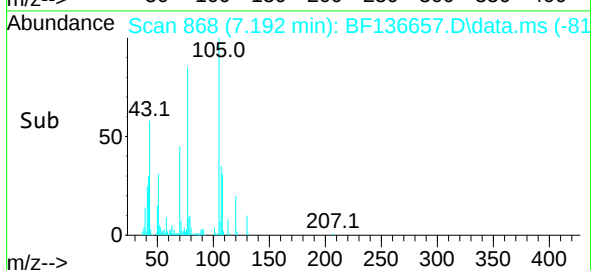
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

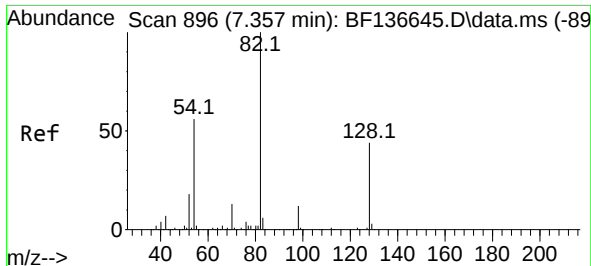


#22
Acetophenone
Concen: 5.935 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:105 Resp: 38914
Ion Ratio Lower Upper
105 100
71 7.4 4.8 7.2#
51 31.2 32.8 49.2#
120 20.0 17.0 25.6





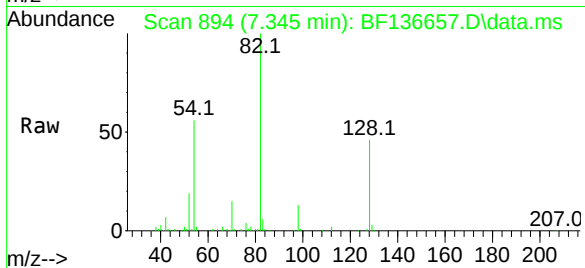
#23
Nitrobenzene-d5
Concen: 9.665 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

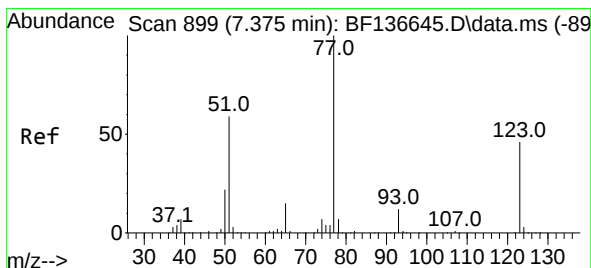
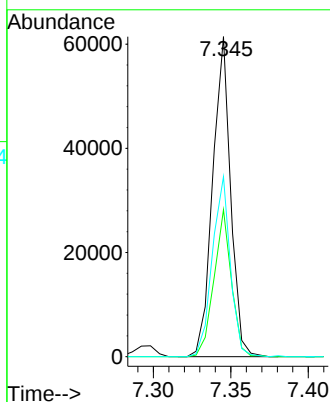
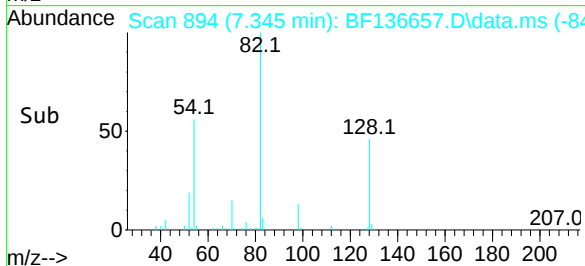
PB157519BS



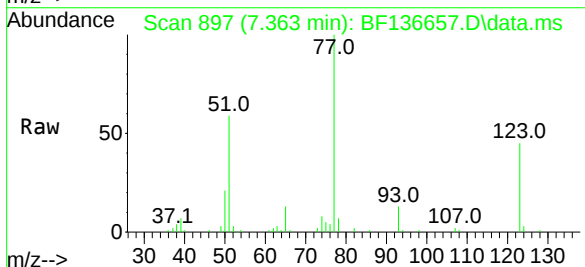
Tgt Ion: 82 Resp: 49408
Ion Ratio Lower Upper
82 100
128 46.0 35.3 52.9
54 56.2 44.5 66.7

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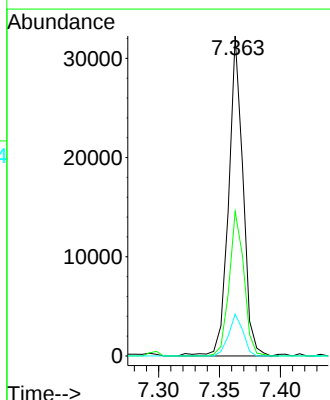
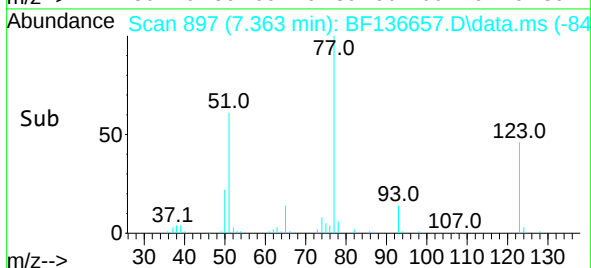
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

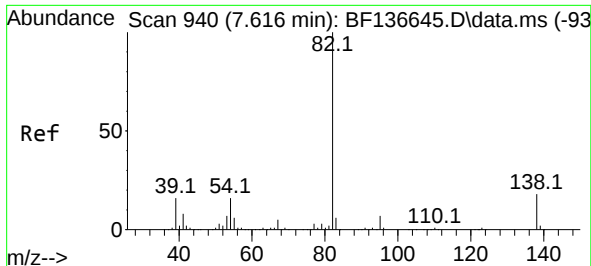


#24
Nitrobenzene
Concen: 5.195 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion: 77 Resp: 26604
Ion Ratio Lower Upper
77 100
123 45.1 36.7 55.1
65 13.0 11.8 17.6





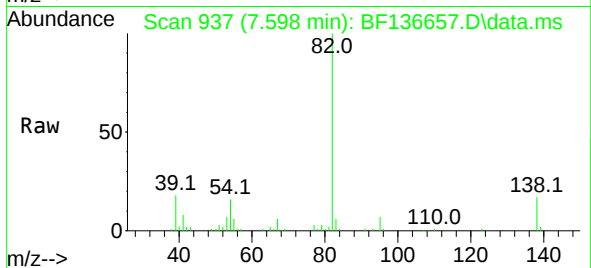
#25
Isophorone
Concen: 5.313 ng
RT: 7.598 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

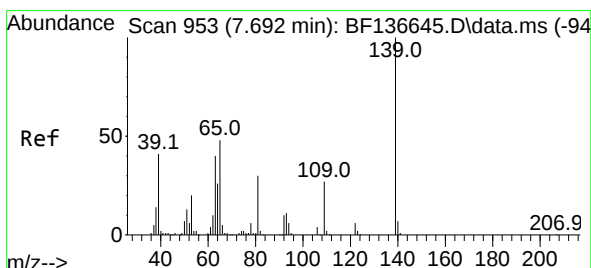
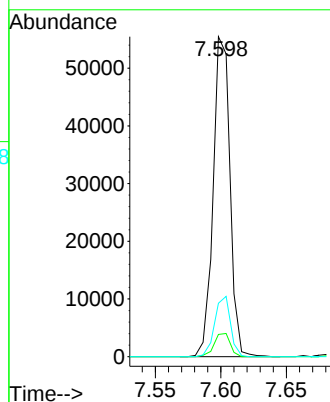


Tgt Ion: 82 Resp: 49420
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.7 14.5 21.7

Manual Integrations

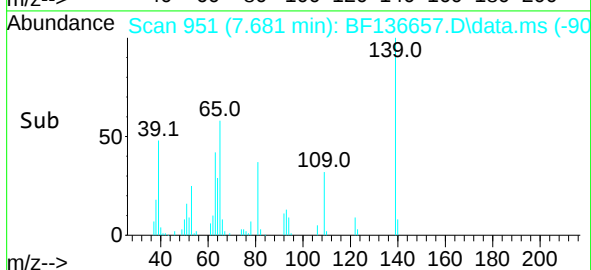
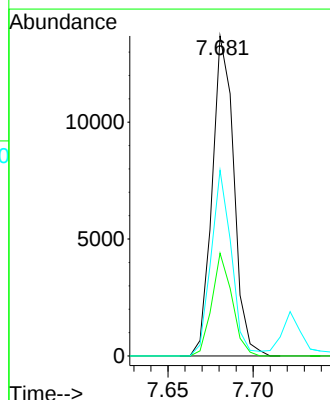
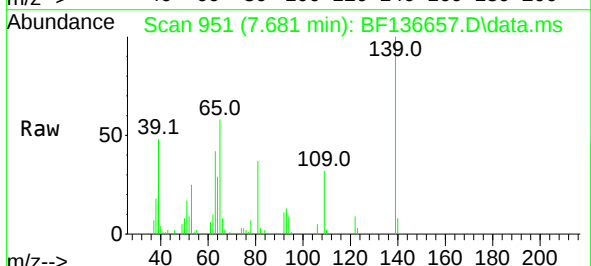
APPROVED

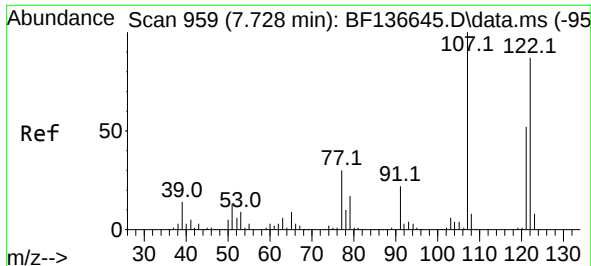
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#26
2-Nitrophenol
Concen: 4.943 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Tgt Ion:139 Resp: 12110
Ion Ratio Lower Upper
139 100
109 32.1 21.9 32.9
65 58.1 38.6 58.0#





#27

2,4-Dimethylphenol

Concen: 5.582 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

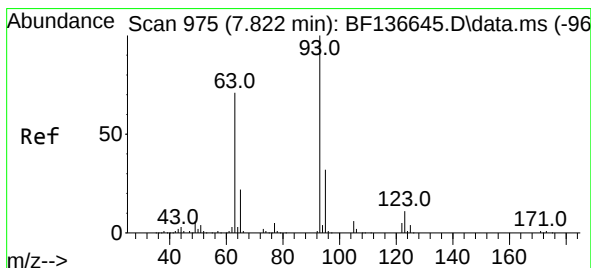
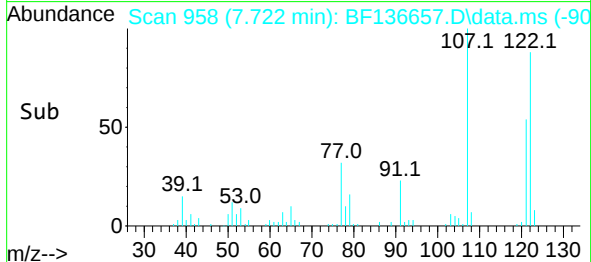
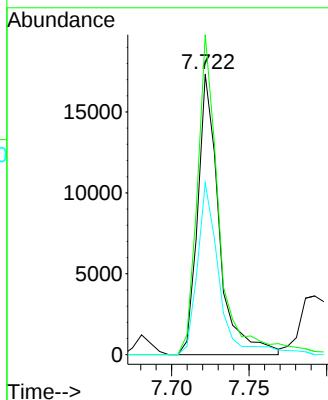
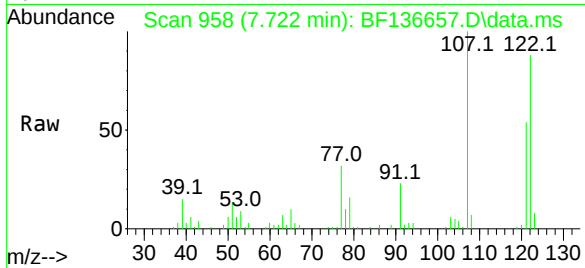
Tgt Ion:122 Resp: 16650
 Ion Ratio Lower Upper
 122 100
 107 114.1 92.0 138.0
 121 61.3 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 5.391 ng

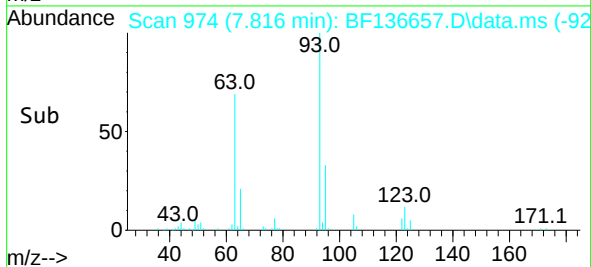
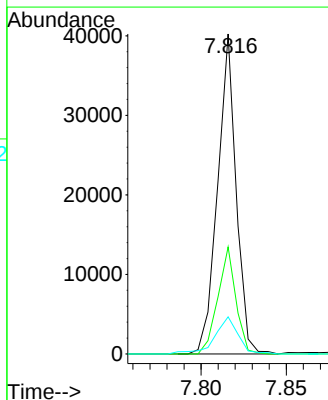
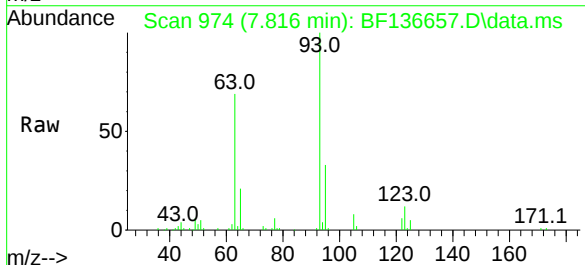
RT: 7.816 min Scan# 974

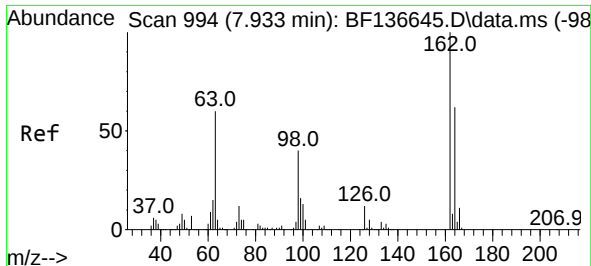
Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

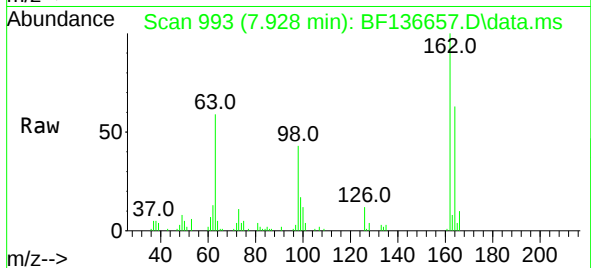
Tgt Ion: 93 Resp: 30481
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.5 38.3
 123 11.6 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 5.380 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

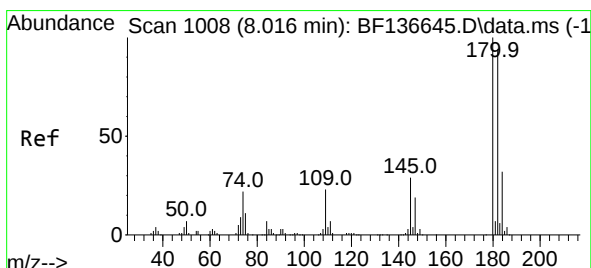
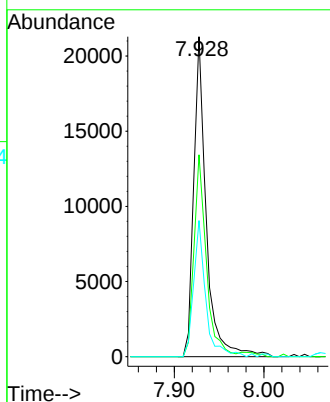
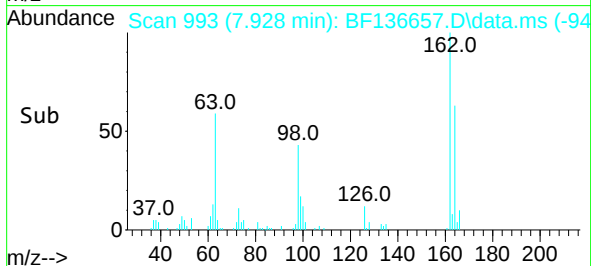
Instrument :
BNA_F
ClientSampleId :
PB157519BS



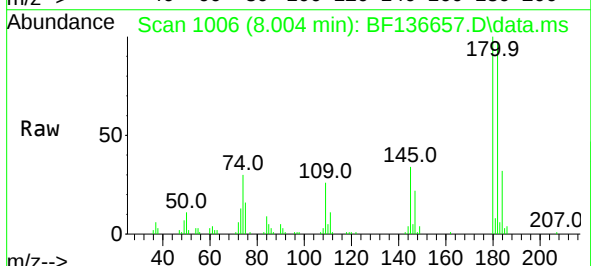
Tgt Ion:162 Resp: 2066
Ion Ratio Lower Upper
162 100
164 63.1 41.7 81.7
98 42.5 19.5 59.5

Manual Integrations
APPROVED

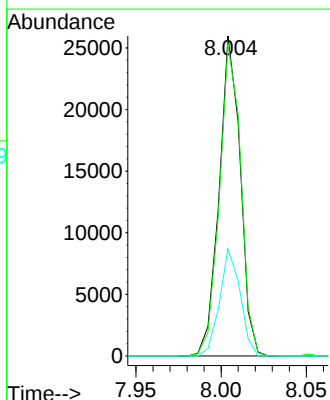
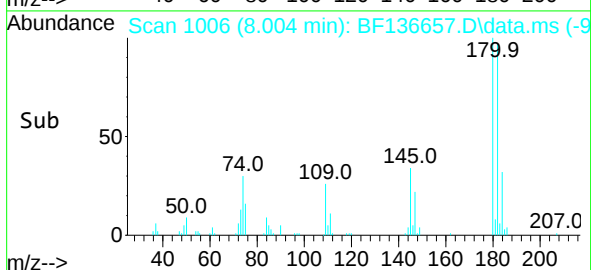
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

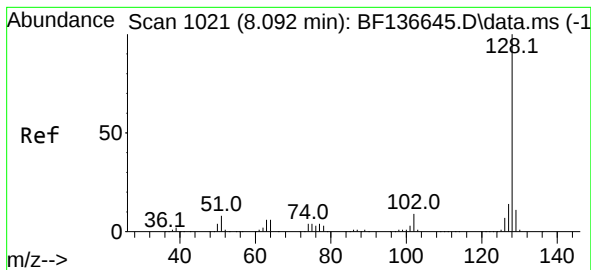


#30
1,2,4-Trichlorobenzene
Concen: 5.222 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:180 Resp: 22345
Ion Ratio Lower Upper
180 100
182 97.4 75.4 113.0
145 33.5 23.1 34.7





#31

Naphthalene

Concen: 5.427 ng

RT: 8.086 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

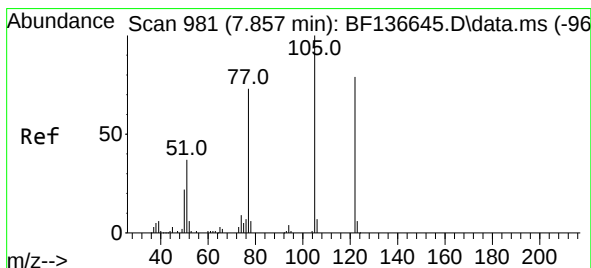
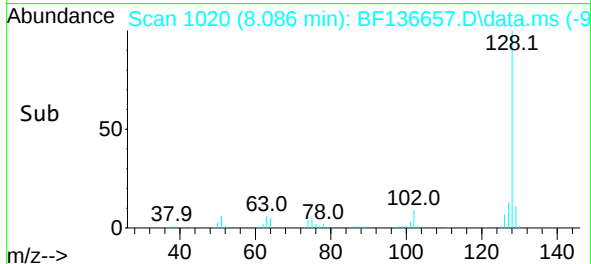
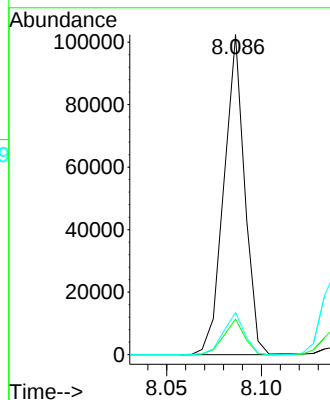
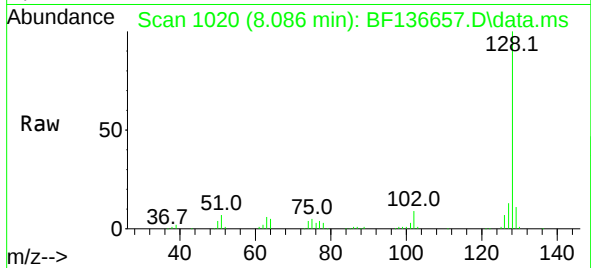
Tgt Ion:128 Resp: 77998
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#32

Benzoic acid

Concen: 3.828 ng

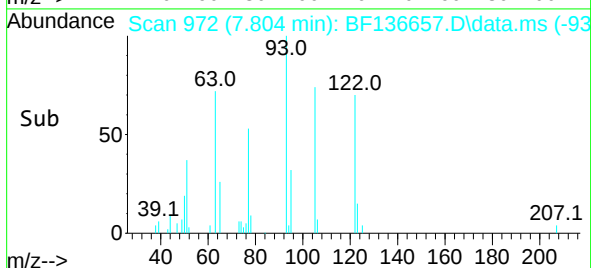
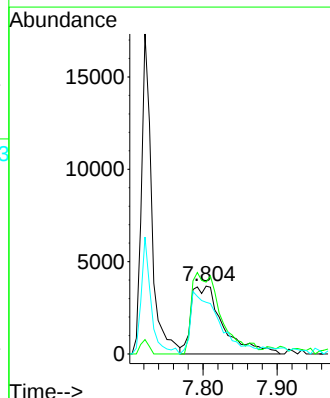
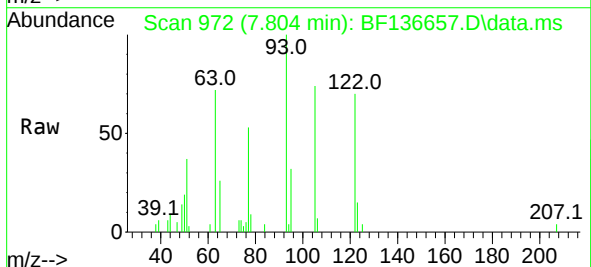
RT: 7.804 min Scan# 972

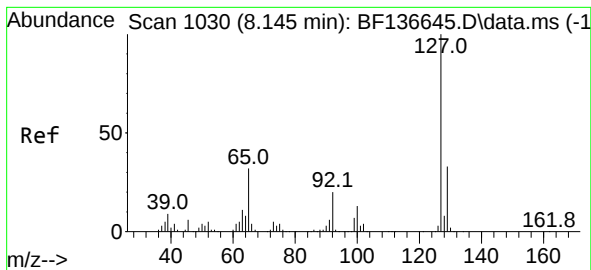
Delta R.T. -0.053 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:122 Resp: 11049
 Ion Ratio Lower Upper
 122 100
 105 105.9 100.8 140.8
 77 76.1 70.9 110.9





#33
4-Chloroaniline
Concen: 4.618 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

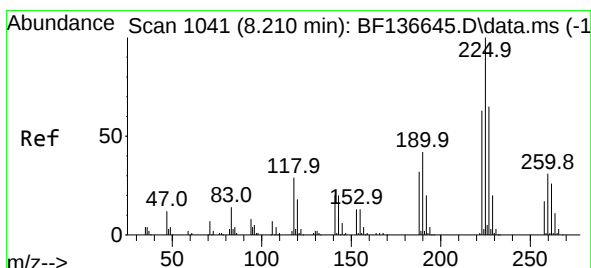
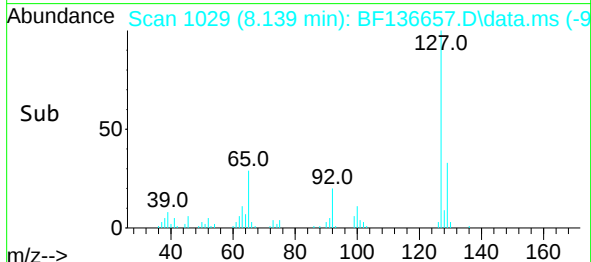
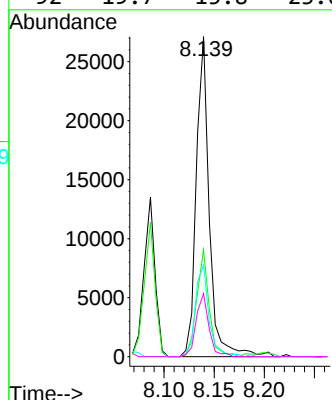
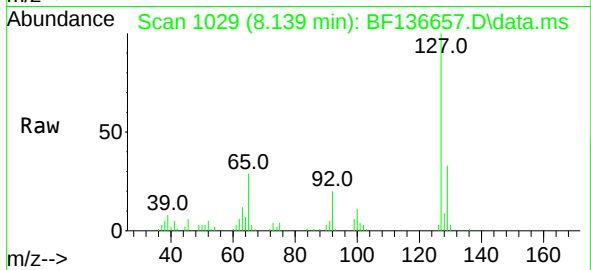
PB157519BS

Tgt Ion:	127	Resp:	2450
Ion Ratio	Lower	Upper	
127	100		
129	33.4	26.3	39.5
65	28.7	25.8	38.8
92	19.7	15.8	23.6

Manual Integrations

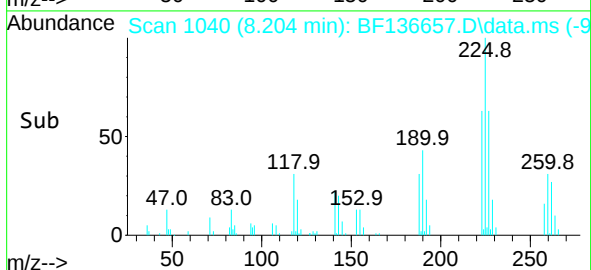
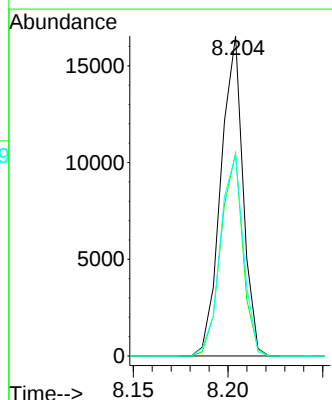
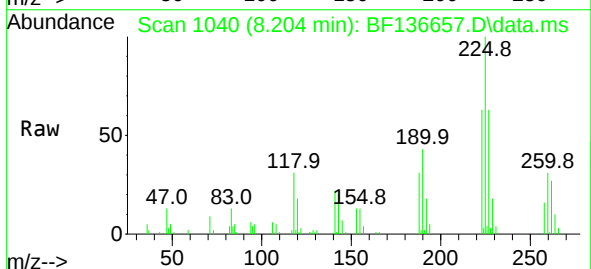
APPROVED

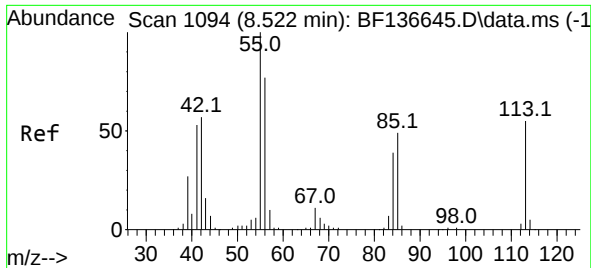
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#34
Hexachlorobutadiene
Concen: 5.178 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

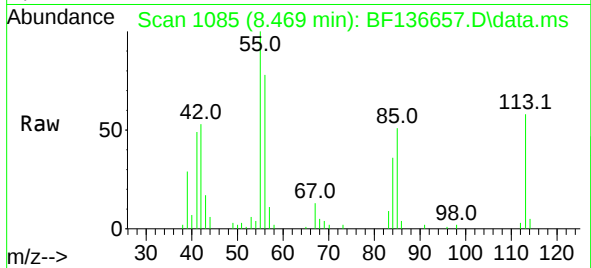
Tgt Ion:	225	Resp:	13460
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	76.0
227	62.9	51.9	77.9





#35
Caprolactam
Concen: 5.568 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.053 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

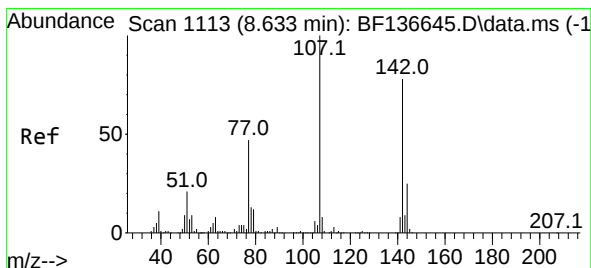
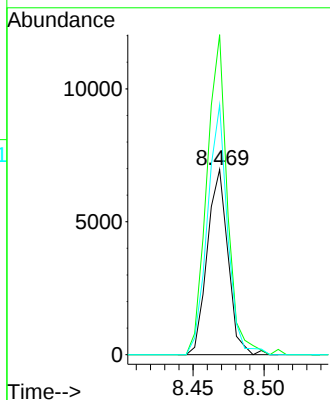
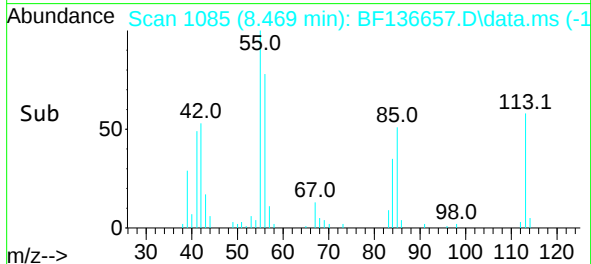
Instrument :
BNA_F
ClientSampleId :
PB157519BS



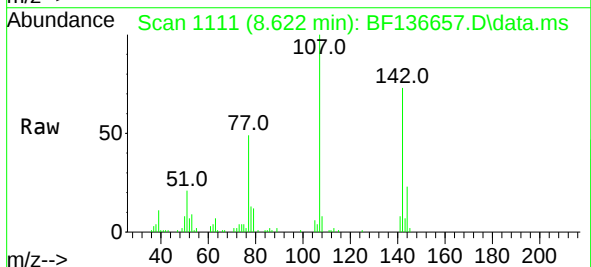
Tgt Ion:113 Resp: 7054
Ion Ratio Lower Upper
113 100
55 172.9 163.1 203.1
56 134.9 121.7 161.7

Manual Integrations
APPROVED

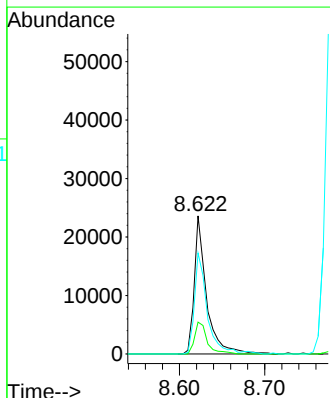
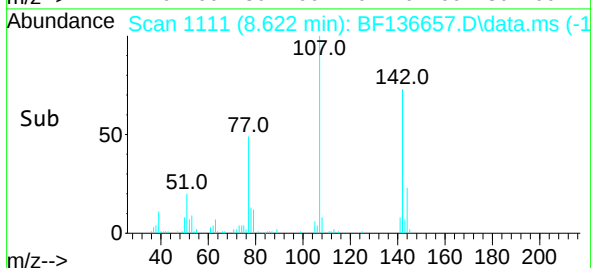
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

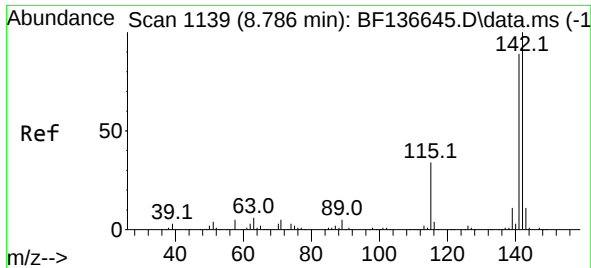


#36
4-Chloro-3-methylphenol
Concen: 5.460 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:107 Resp: 23603
Ion Ratio Lower Upper
107 100
144 23.1 20.2 30.2
142 73.1 62.3 93.5





#37
2-Methylnaphthalene
Concen: 5.406 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

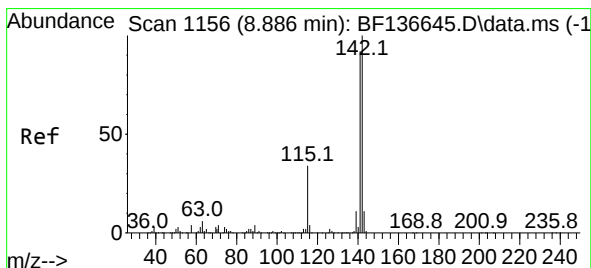
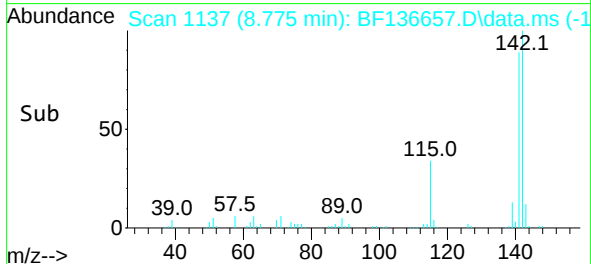
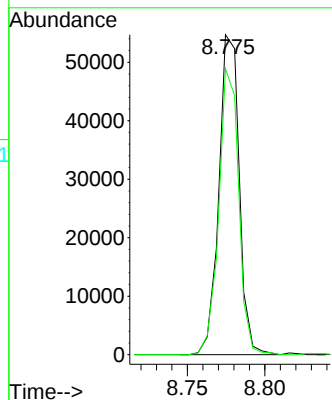
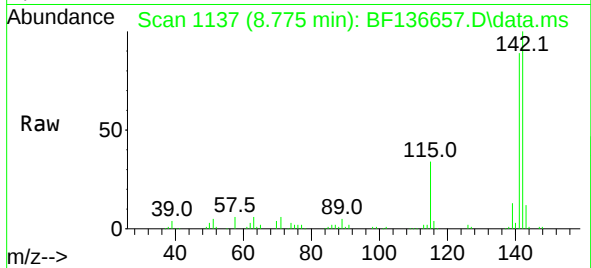
PB157519BS

Tgt Ion:142 Resp: 5000
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7

Manual Integrations

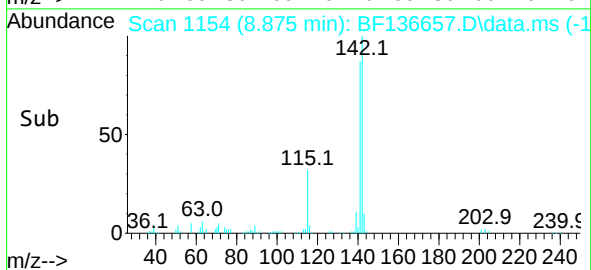
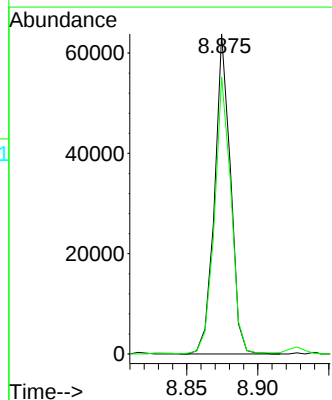
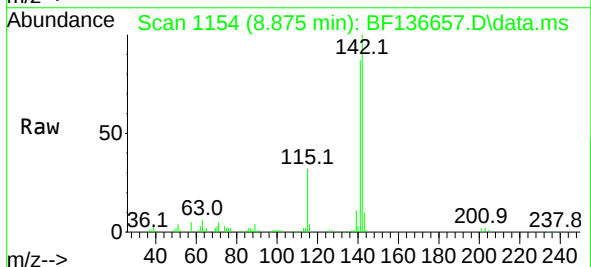
APPROVED

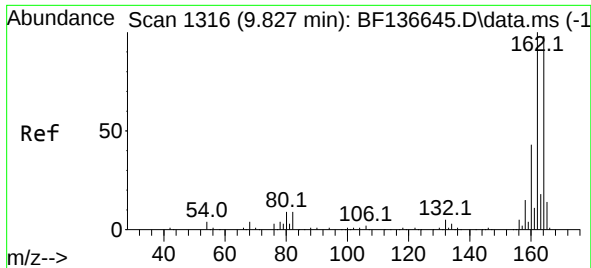
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#38
1-Methylnaphthalene
Concen: 5.457 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Tgt Ion:142 Resp: 49520
Ion Ratio Lower Upper
142 100
141 86.6 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: BF136657.D

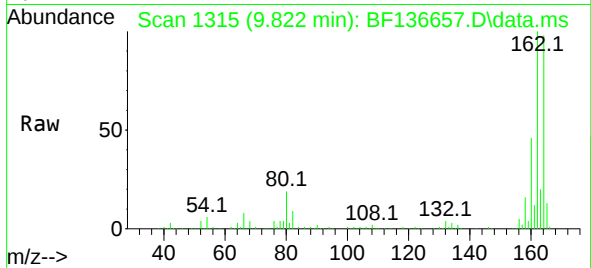
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS



Tgt Ion:164 Resp: 14272

Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

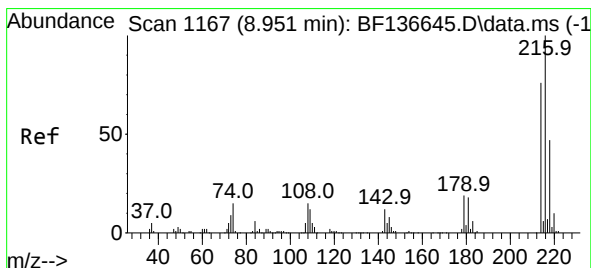
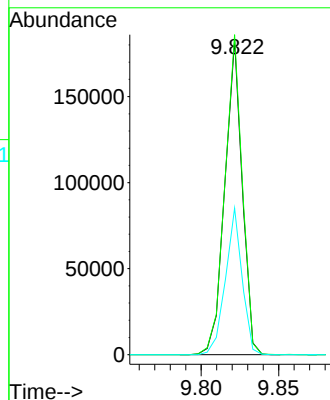
160 46.6 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.608 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:216 Resp: 24788

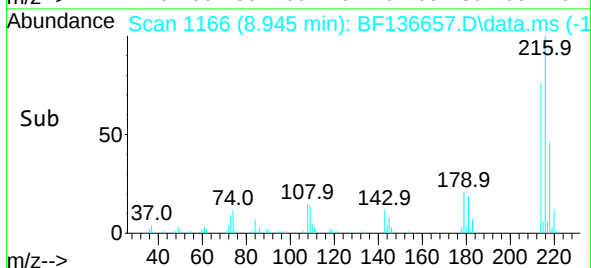
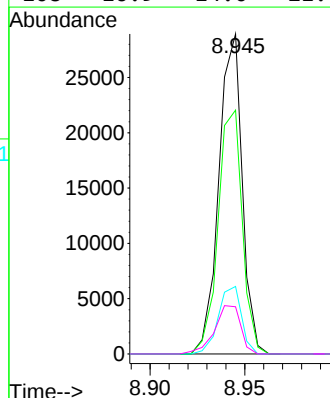
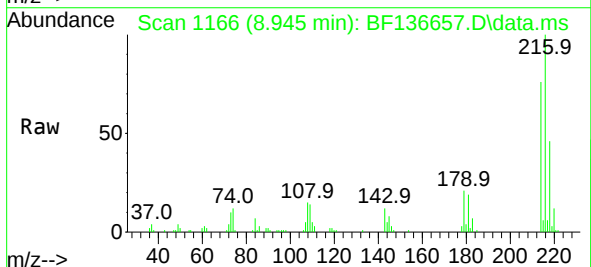
Ion Ratio Lower Upper

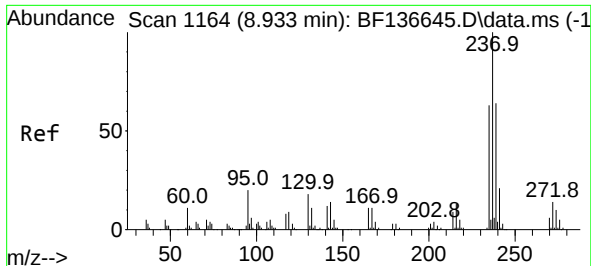
216 100

214 79.2 62.3 93.5

179 21.0 16.4 24.6

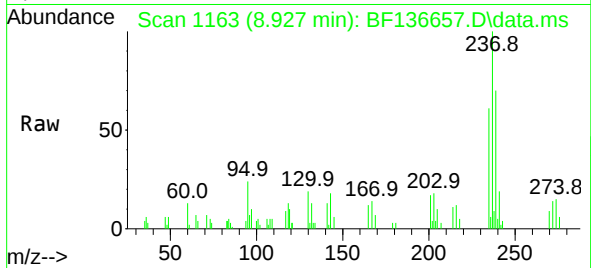
108 16.9 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 10.581 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

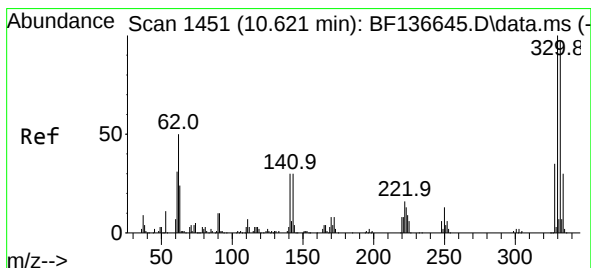
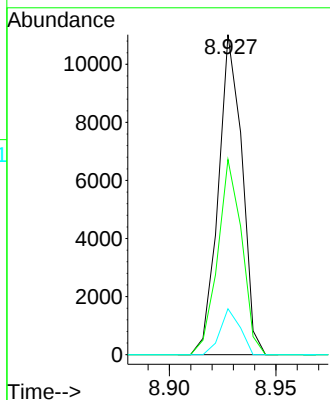
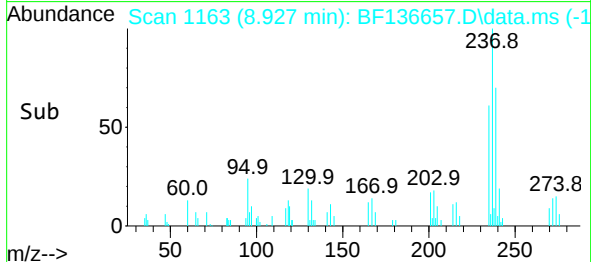
Instrument :
BNA_F
ClientSampleId :
PB157519BS



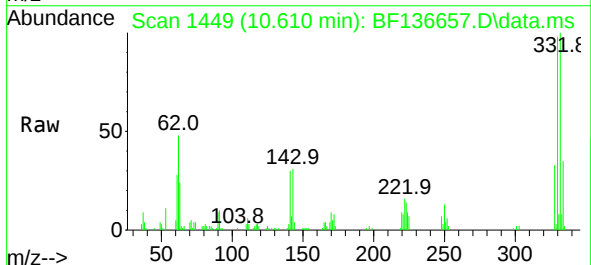
Tgt Ion: 237 Resp: 853
Ion Ratio Lower Upper
237 100
235 61.0 43.2 83.2
272 14.4 0.0 34.2

Manual Integrations
APPROVED

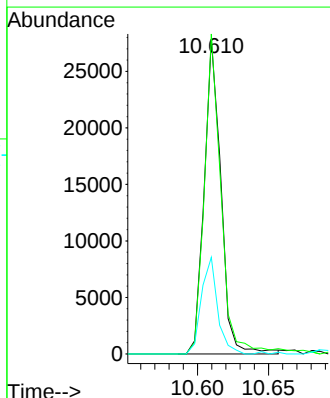
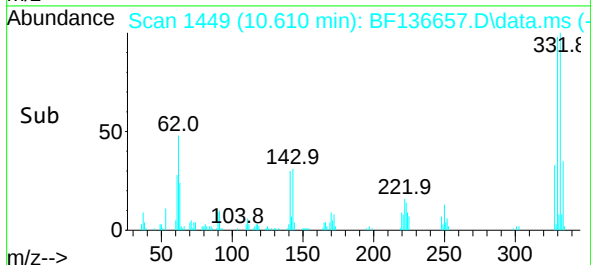
Reviewed By : Yogesh Patel 12/21/2023
Supervised By : mohammad ahmed 12/21/2023

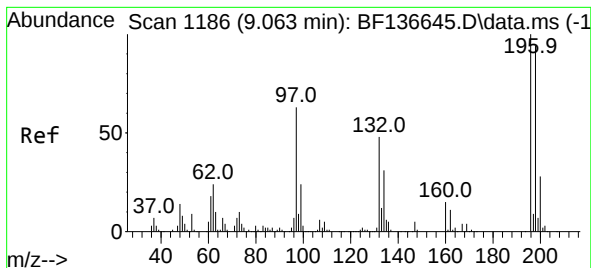


#42
2,4,6-Tribromophenol
Concen: 13.611 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion: 330 Resp: 22878
Ion Ratio Lower Upper
330 100
332 102.5 77.4 116.0
141 29.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 4.885 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

Tgt Ion:196 Resp: 1384

Ion Ratio Lower Upper

196 100

198 95.3 75.1 112.7

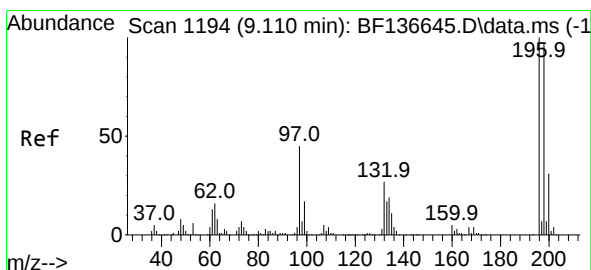
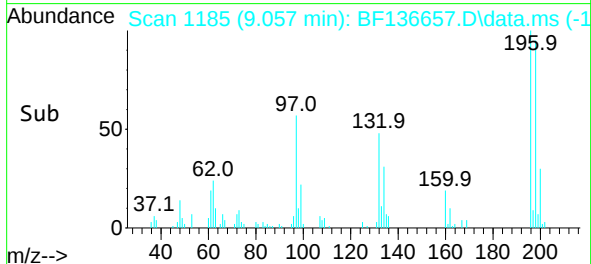
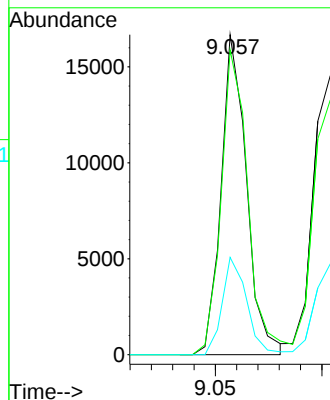
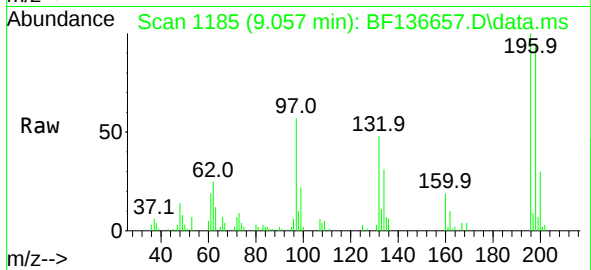
200 30.4 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#44

2,4,5-Trichlorophenol

Concen: 5.619 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:196 Resp: 17748

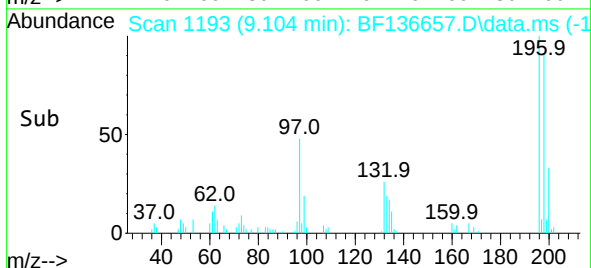
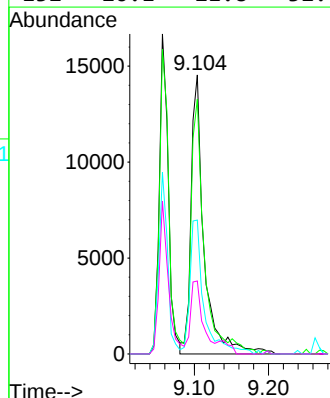
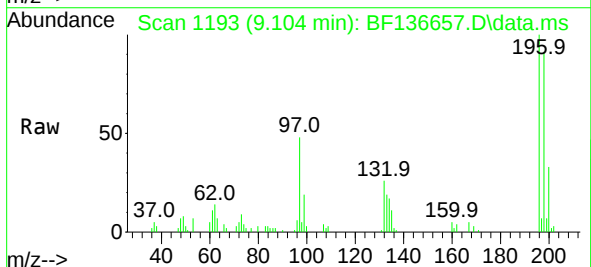
Ion Ratio Lower Upper

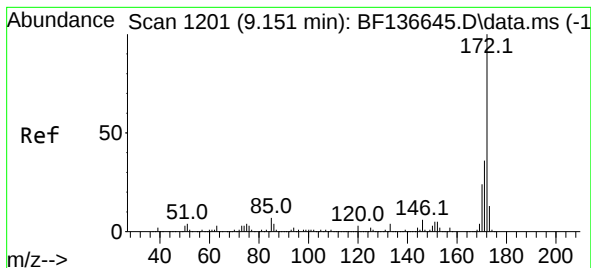
196 100

198 91.3 77.0 115.6

97 48.0 36.1 54.1

132 26.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 10.905 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

Tgt Ion:172 Resp: 115720

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

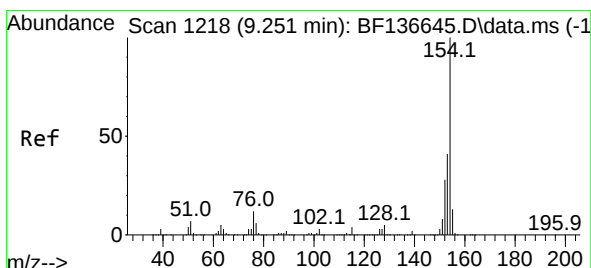
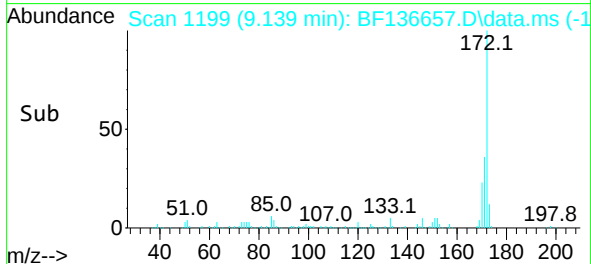
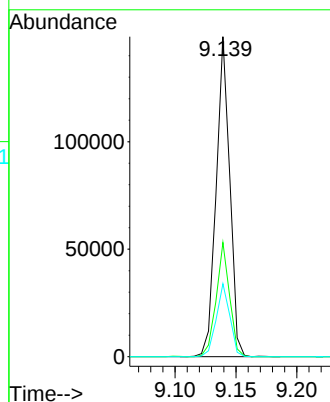
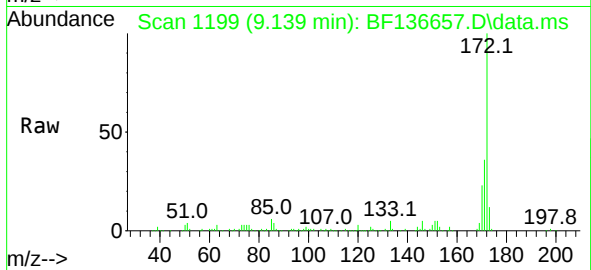
170 22.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#46

1,1'-Biphenyl

Concen: 5.814 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

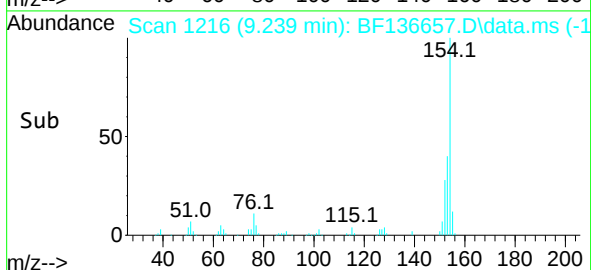
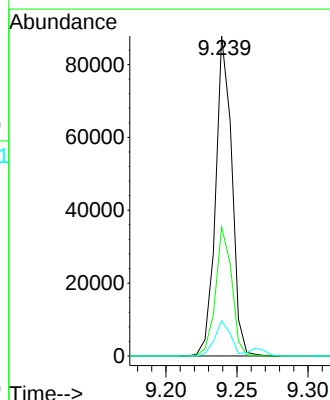
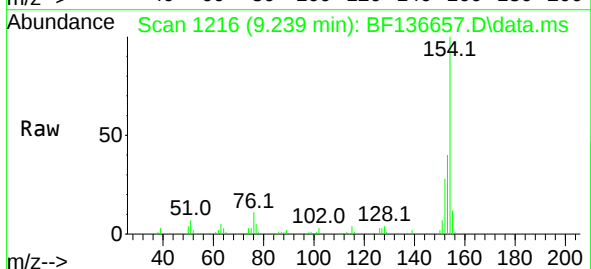
Tgt Ion:154 Resp: 69637

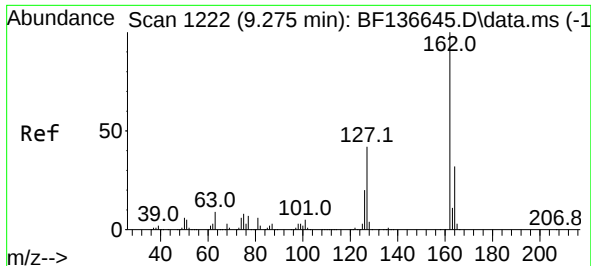
Ion Ratio Lower Upper

154 100

153 40.3 21.1 61.1

76 11.0 0.0 31.7





#47

2-Chloronaphthalene

Concen: 5.533 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

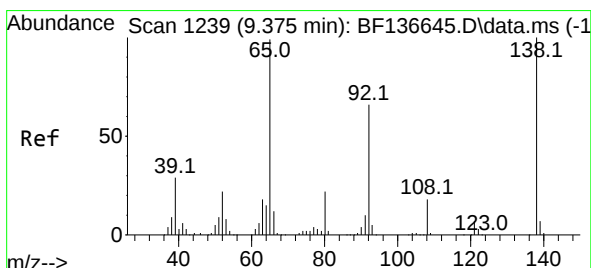
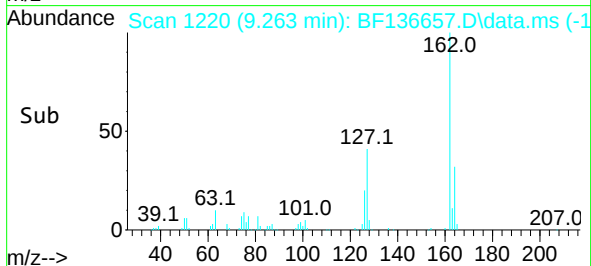
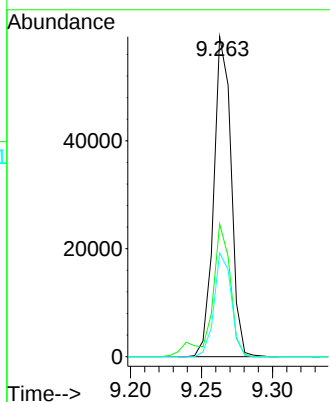
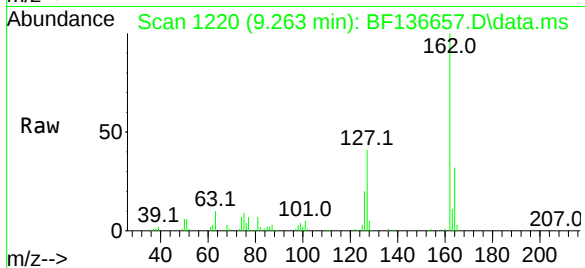
Tgt Ion:	162	Resp:	50370
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.6	50.4
164	32.4	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#48

2-Nitroaniline

Concen: 5.195 ng

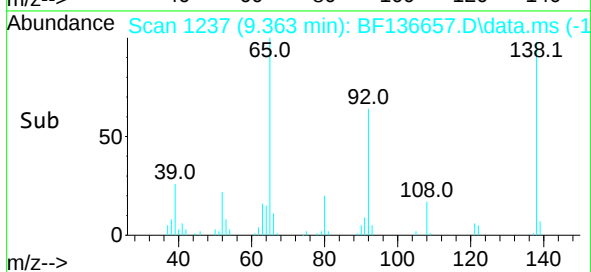
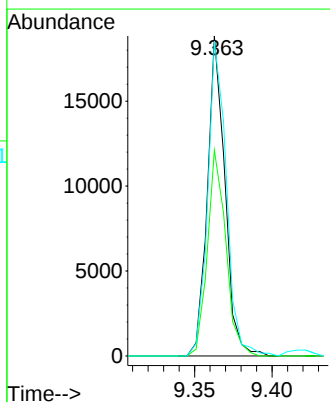
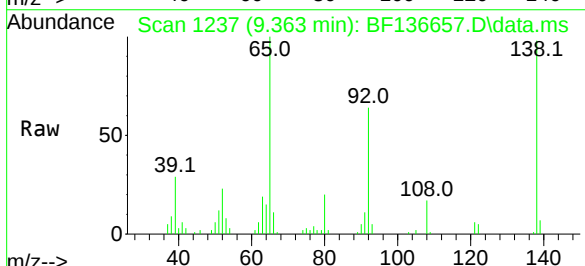
RT: 9.363 min Scan# 1237

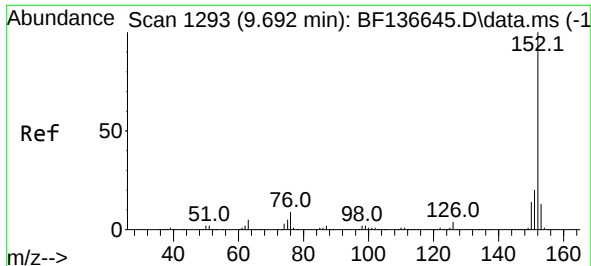
Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:	65	Resp:	14812
Ion Ratio	Lower	Upper	
65	100		
92	64.3	53.2	79.8
138	98.3	81.1	121.7





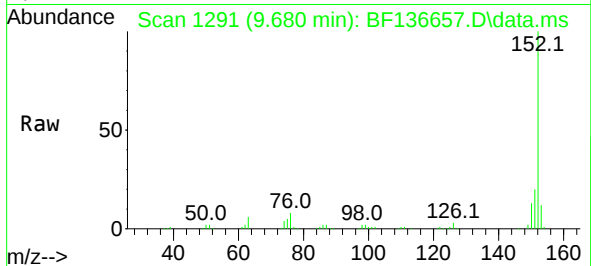
#49
Acenaphthylene
Concen: 6.178 ng
RT: 9.680 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

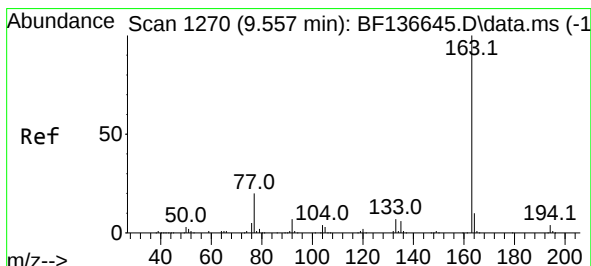
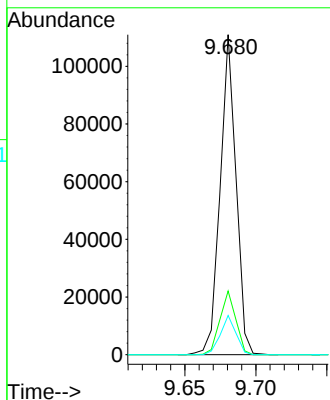
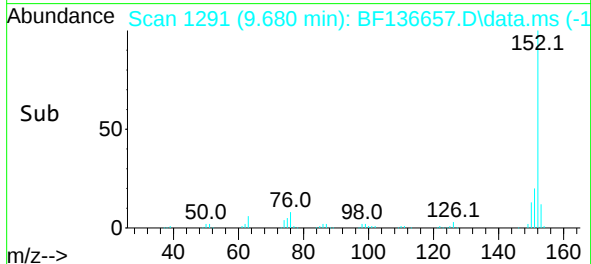


Tgt Ion:152 Resp: 85979
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.3 10.2 15.2

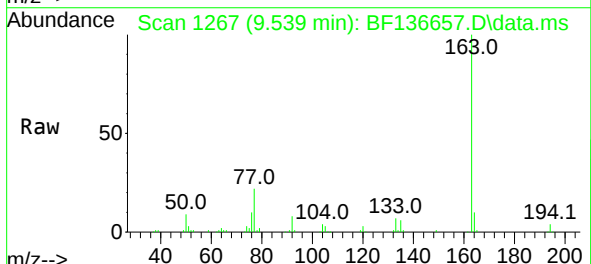
Manual Integrations

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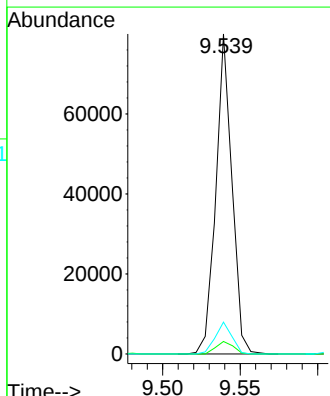
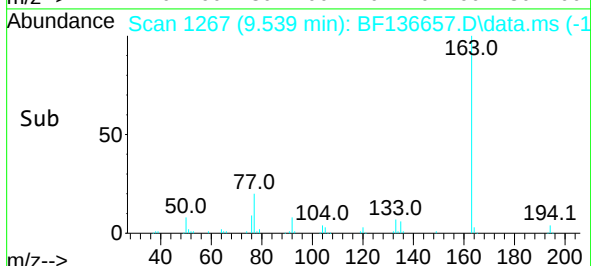
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

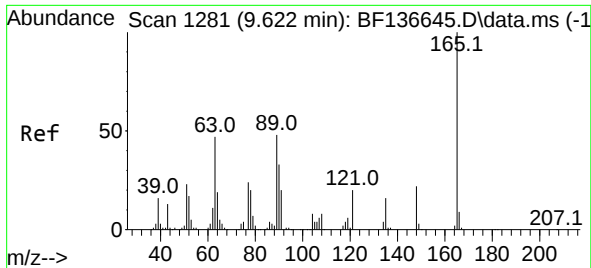


#50
Dimethylphthalate
Concen: 5.542 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



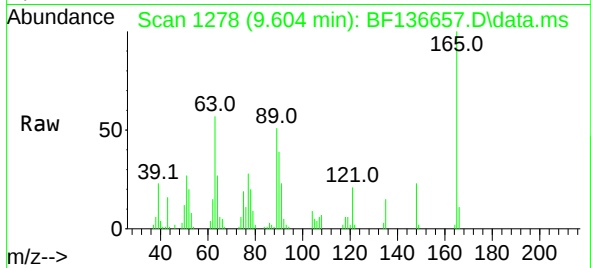
Tgt Ion:163 Resp: 57777
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 5.382 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

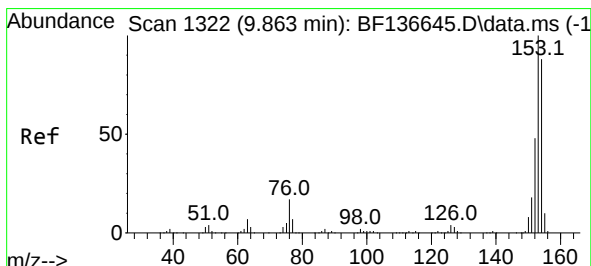
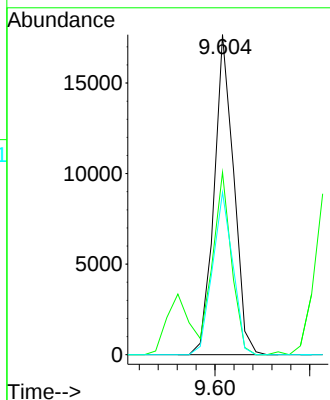
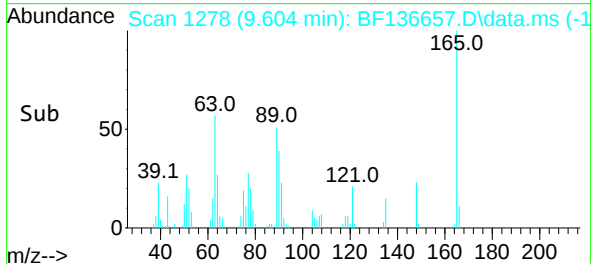
Instrument :
BNA_F
ClientSampleId :
PB157519BS



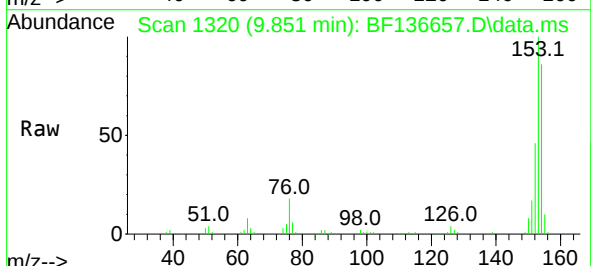
Tgt Ion:165 Resp: 12734
Ion Ratio Lower Upper
165 100
63 57.0 39.8 59.6
89 50.7 38.8 58.2

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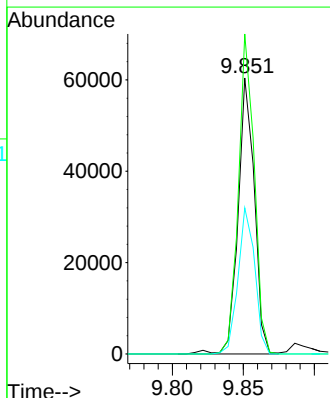
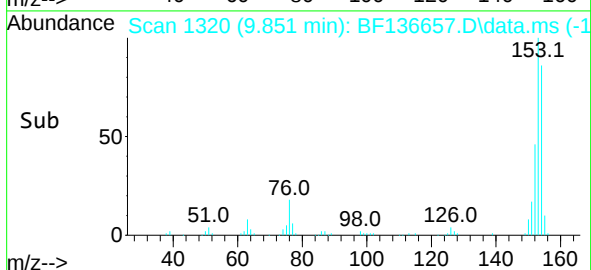
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

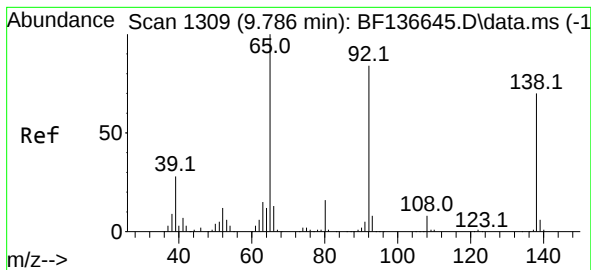


#52
Acenaphthene
Concen: 5.588 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:154 Resp: 48203
Ion Ratio Lower Upper
154 100
153 116.0 90.7 136.1
152 53.0 43.7 65.5





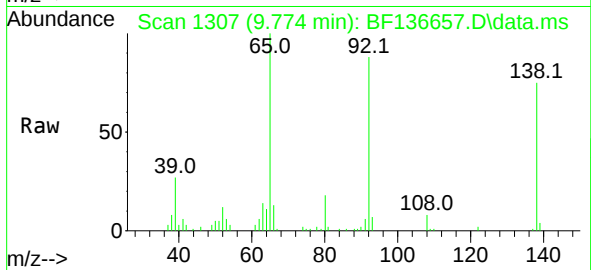
#53
 3-Nitroaniline
 Concen: 4.973 ng
 RT: 9.774 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136657.D
 Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

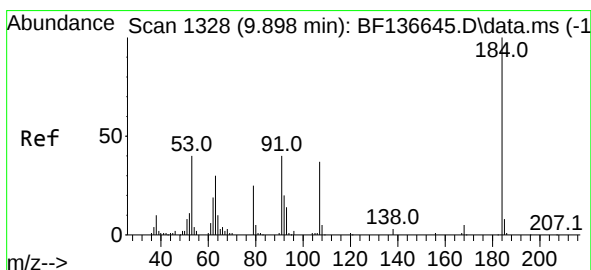
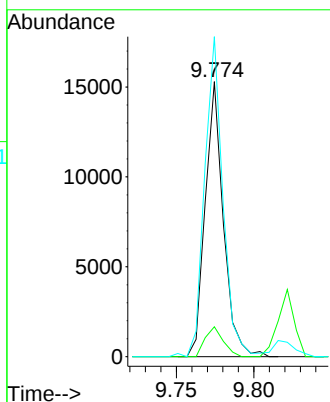
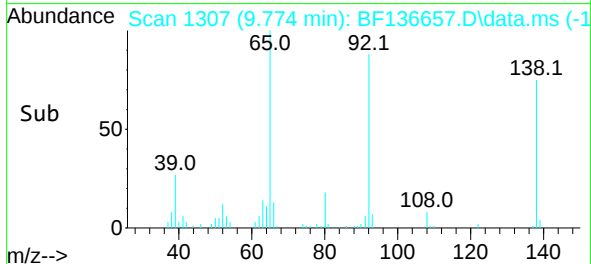
PB157519BS



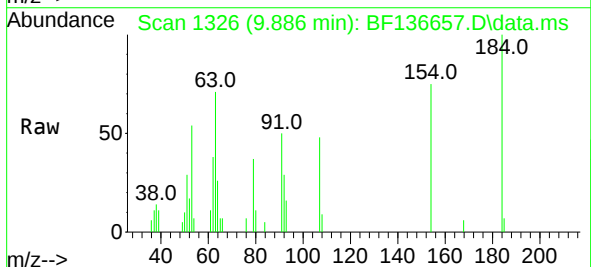
Tgt Ion:138 Resp: 1246
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.6 12.8
 92 116.4 95.2 142.8

Manual Integrations
 APPROVED

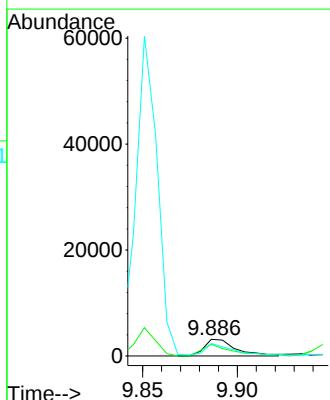
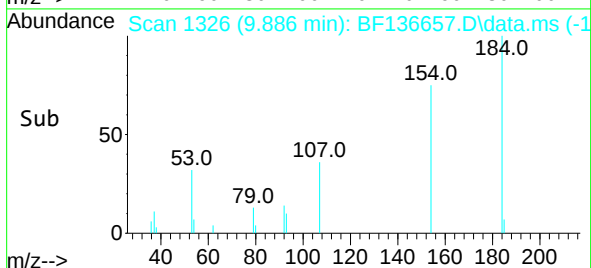
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

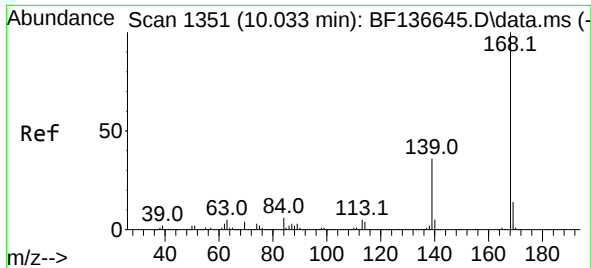


#54
 2,4-Dinitrophenol
 Concen: 6.400 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.012 min
 Lab File: BF136657.D
 Acq: 20 Dec 2023 20:08



Tgt Ion:184 Resp: 3665
 Ion Ratio Lower Upper
 184 100
 63 70.7 40.9 61.3#
 154 74.9 42.7 64.1#





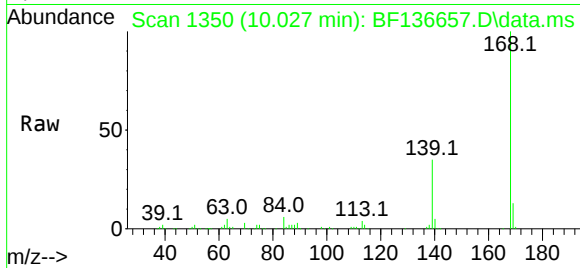
#55
Dibenzenofuran
Concen: 5.865 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

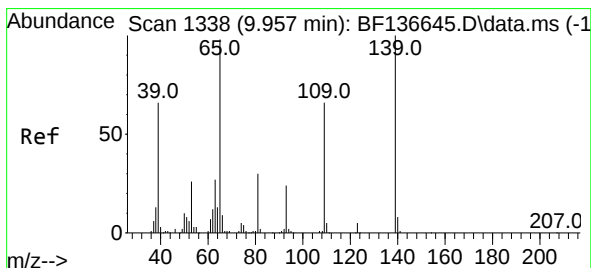
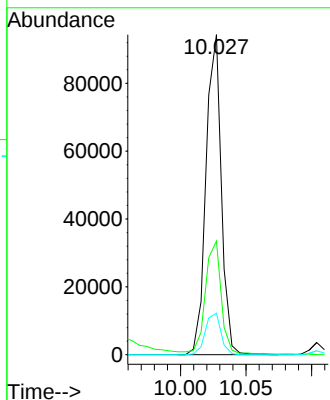
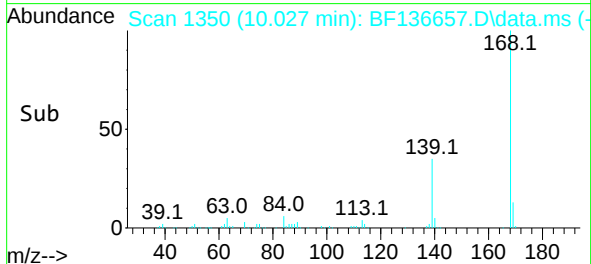


Tgt Ion:168 Resp: 76692
Ion Ratio Lower Upper
168 100
139 35.5 29.3 43.9
169 12.9 11.0 16.4

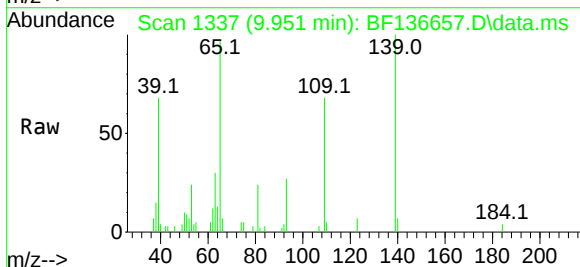
Manual Integrations

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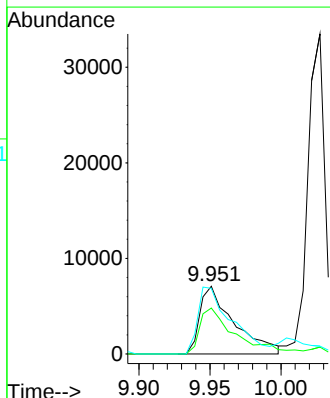
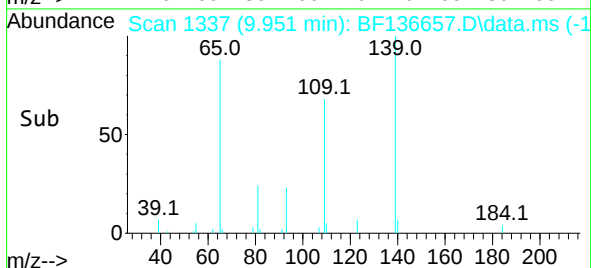
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

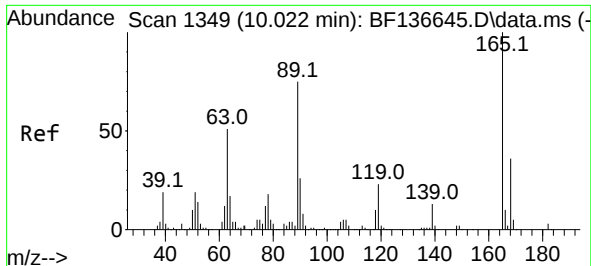


#56
4-Nitrophenol
Concen: 7.018 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:139 Resp: 11874
Ion Ratio Lower Upper
139 100
109 68.0 45.8 85.8
65 97.0 77.8 117.8





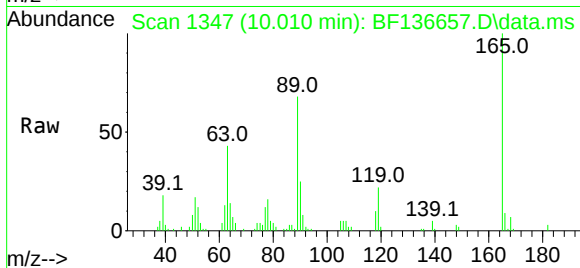
#57
2,4-Dinitrotoluene
Concen: 5.371 ng
RT: 10.010 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

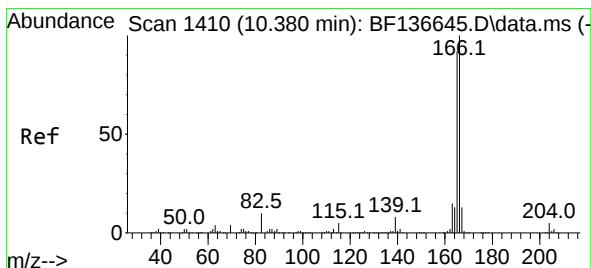
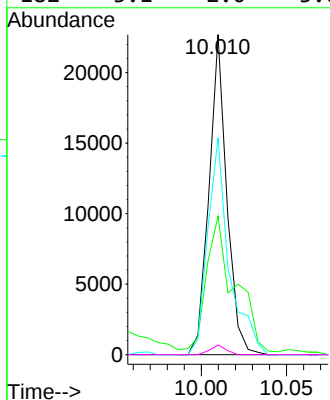
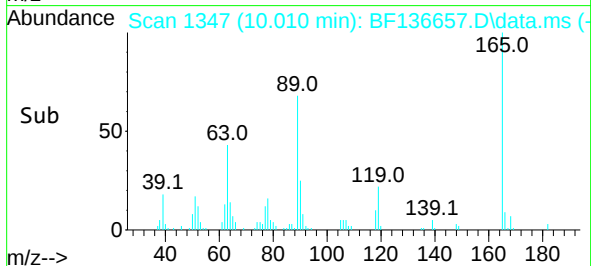


Tgt Ion:165 Resp: 16498
Ion Ratio Lower Upper
165 100
63 43.3 41.0 61.6
89 67.8 59.9 89.9
182 3.1 2.0 3.0#

Manual Integrations

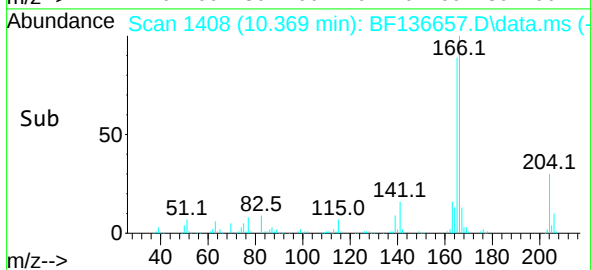
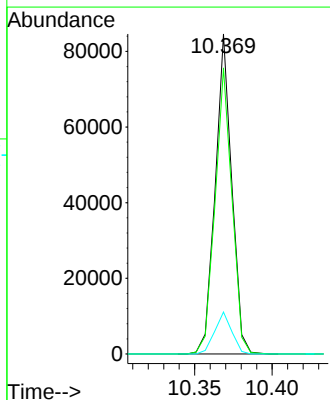
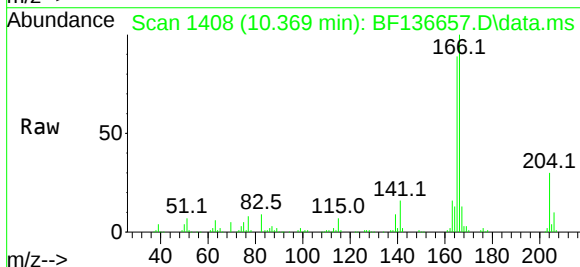
APPROVED

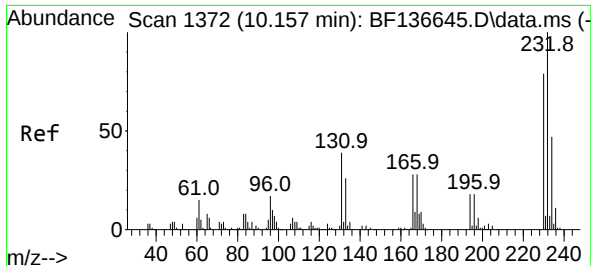
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#58
Fluorene
Concen: 6.045 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

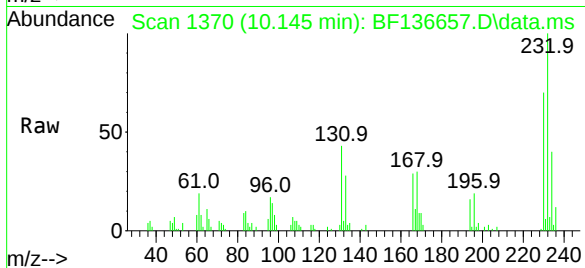
Tgt Ion:166 Resp: 62724
Ion Ratio Lower Upper
166 100
165 89.4 73.7 110.5
167 13.1 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.308 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

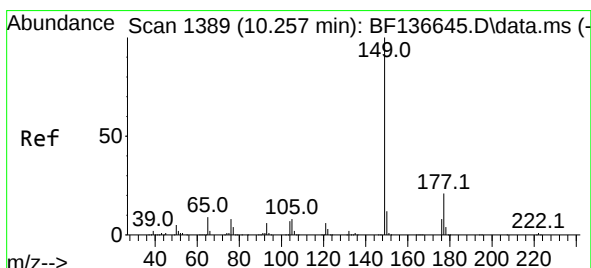
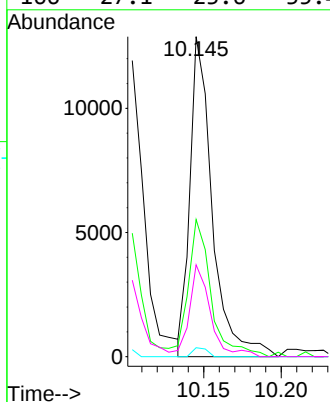
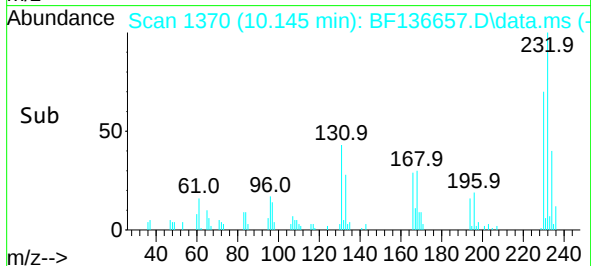
Instrument :
BNA_F
ClientSampleId :
PB157519BS



Tgt Ion:232 Resp: 12900
Ion Ratio Lower Upper
232 100
131 44.2 35.1 52.7
130 1.8 1.6 2.4
166 27.1 23.6 35.4

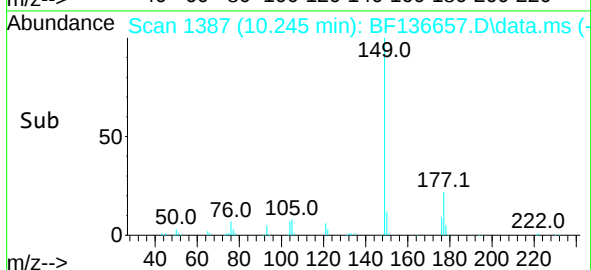
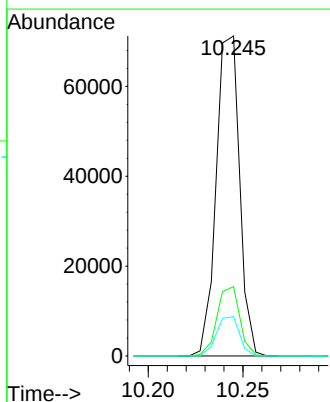
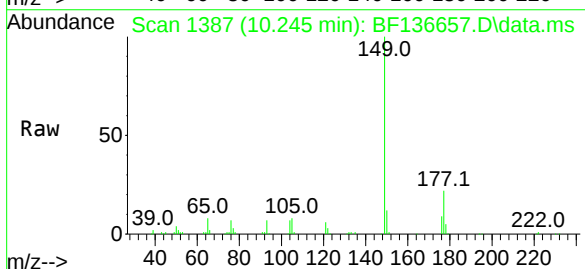
Manual Integrations
APPROVED

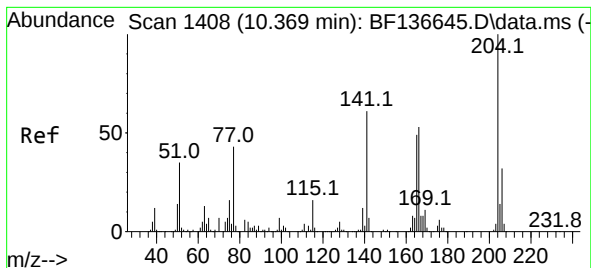
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#60
Diethylphthalate
Concen: 5.669 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

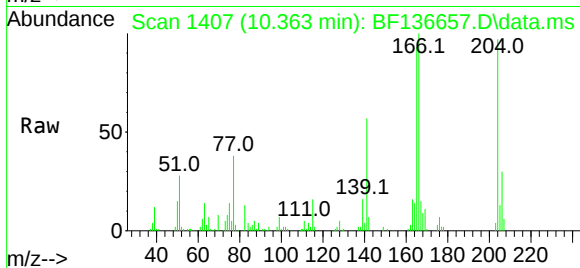
Tgt Ion:149 Resp: 61316
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 5.812 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

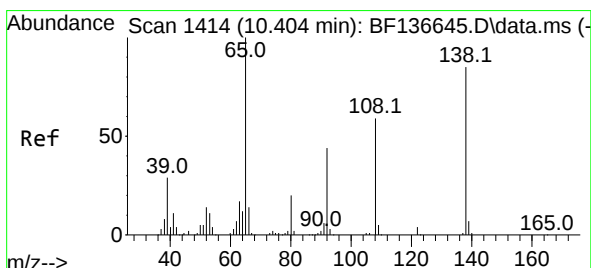
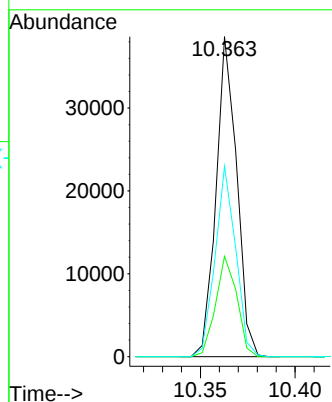
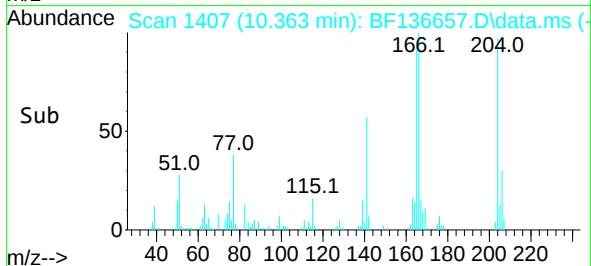
Instrument :
BNA_F
ClientSampleId :
PB157519BS



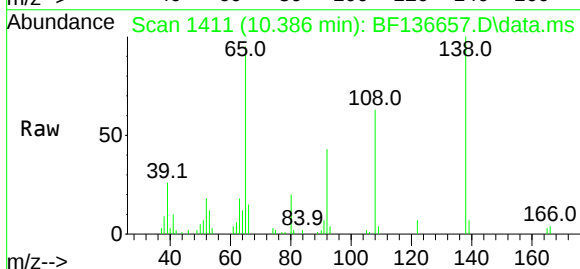
Tgt Ion:204 Resp: 29314
Ion Ratio Lower Upper
204 100
206 31.3 25.6 38.4
141 59.5 48.4 72.6

Manual Integrations
APPROVED

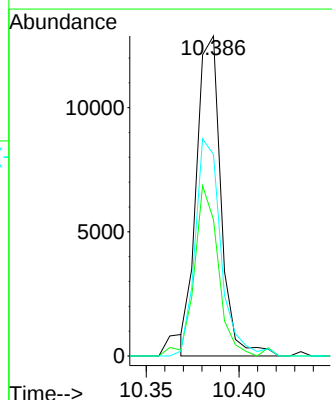
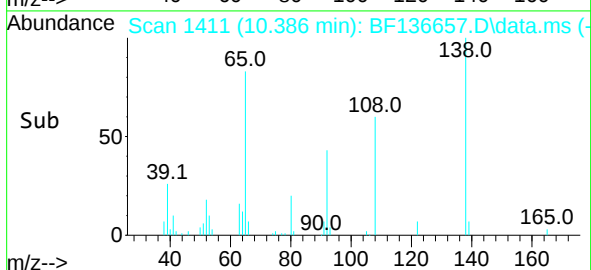
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

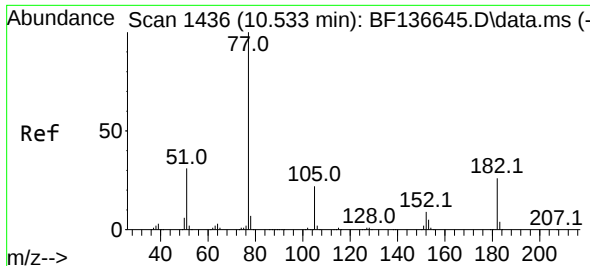


#62
4-Nitroaniline
Concen: 4.896 ng m
RT: 10.386 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:138 Resp: 11830
Ion Ratio Lower Upper
138 100
92 42.6 32.1 72.1
108 63.0 50.1 90.1





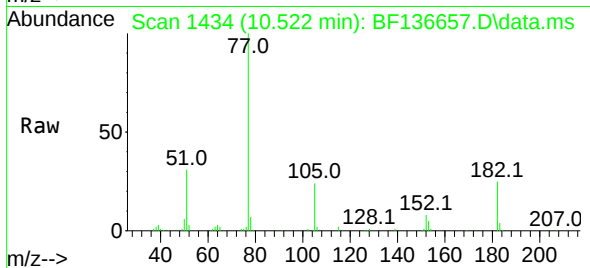
#63
Azobenzene
Concen: 5.616 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS



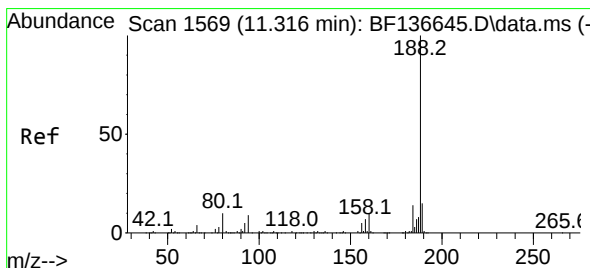
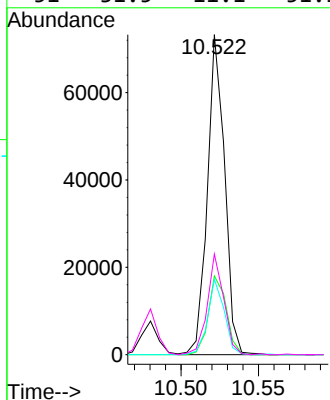
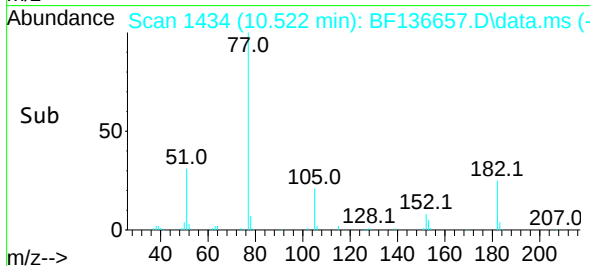
Tgt Ion: 77 Resp: 56739
Ion Ratio Lower Upper
77 100
182 24.6 6.0 46.0
105 23.6 2.3 42.3
51 31.5 11.1 51.1

Manual Integrations

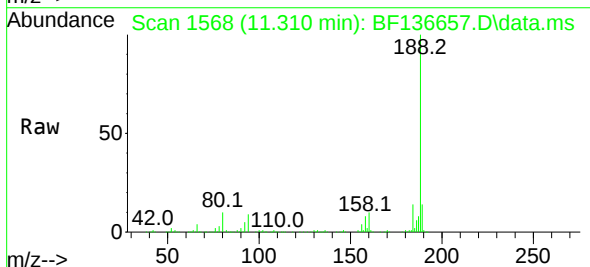
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

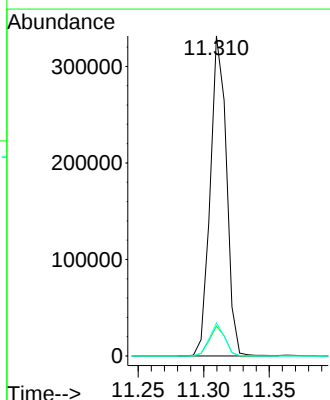
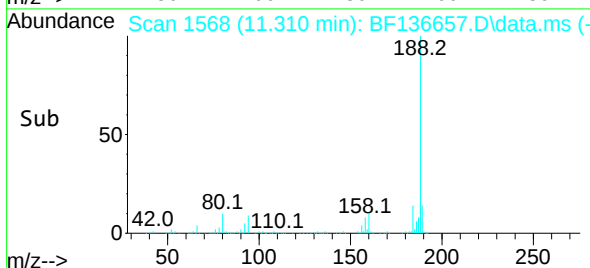
Supervised By :mohammad ahmed 12/21/2023

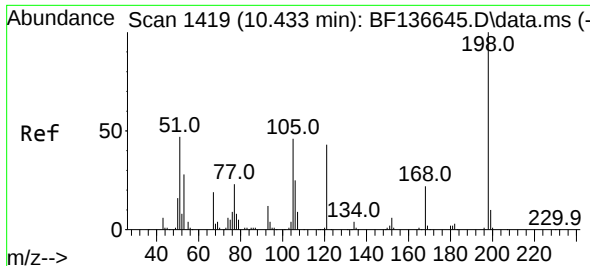


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



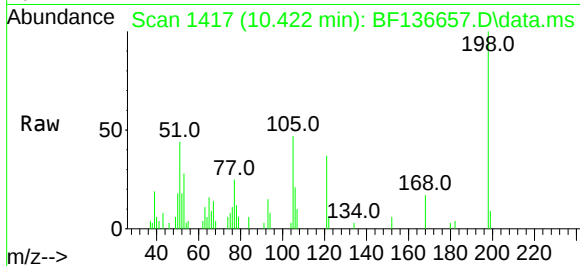
Tgt Ion:188 Resp: 285598
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.3 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 2.850 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

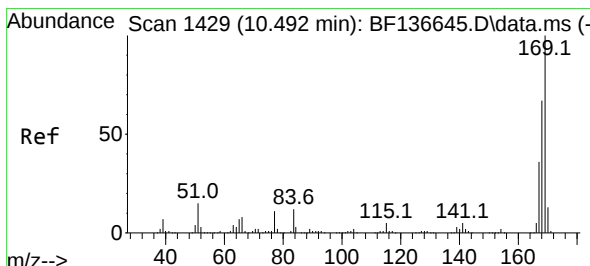
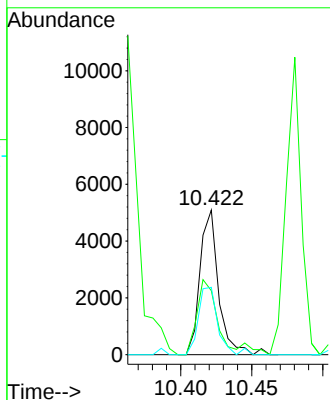
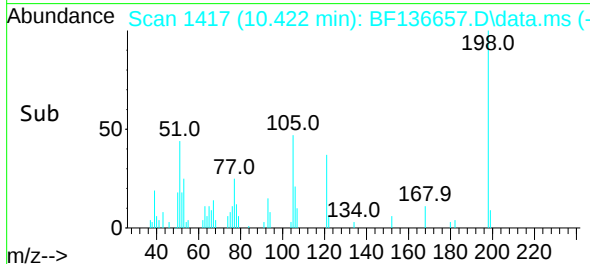
Instrument :
BNA_F
ClientSampleId :
PB157519BS



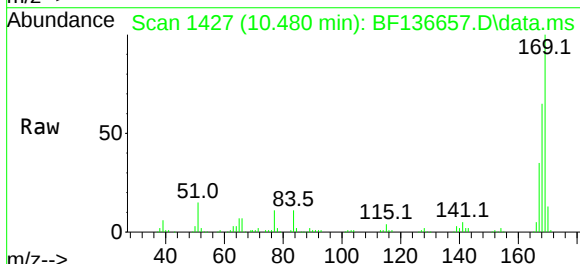
Tgt Ion:198 Resp: 4664
Ion Ratio Lower Upper
198 100
51 44.3 34.1 74.1
105 46.6 27.3 67.3

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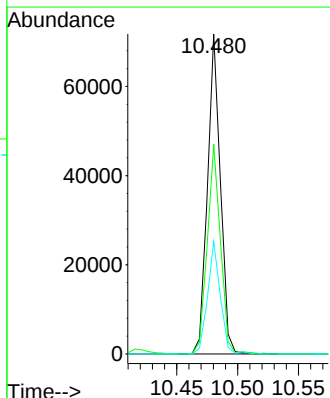
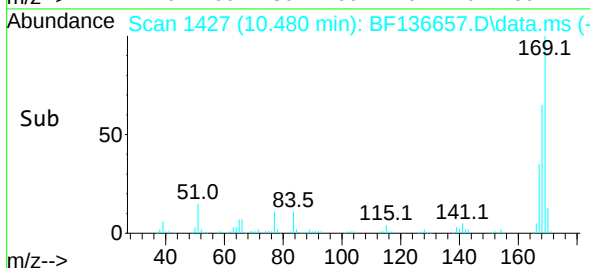
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

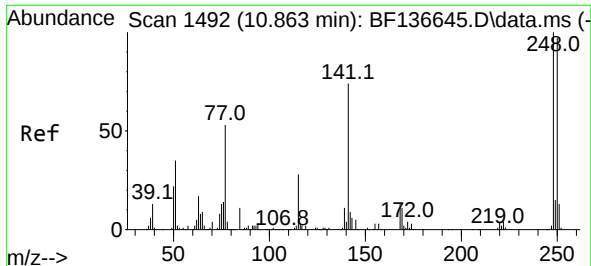


#66
n-Nitrosodiphenylamine
Concen: 5.691 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:169 Resp: 52802
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 35.1 28.7 43.1





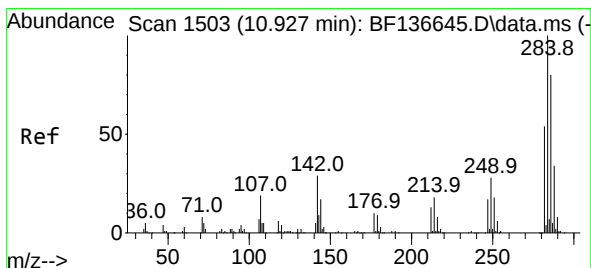
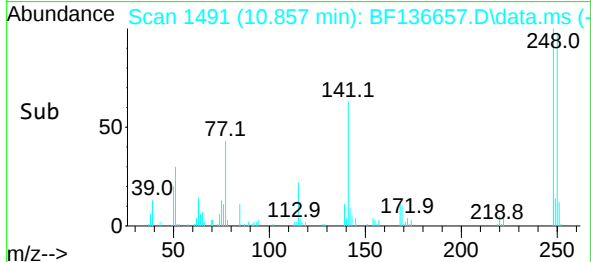
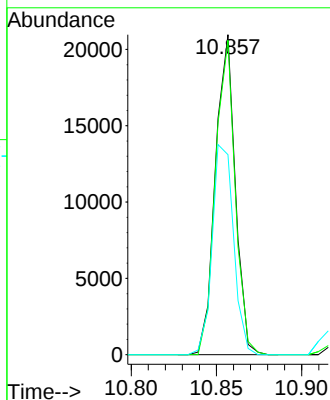
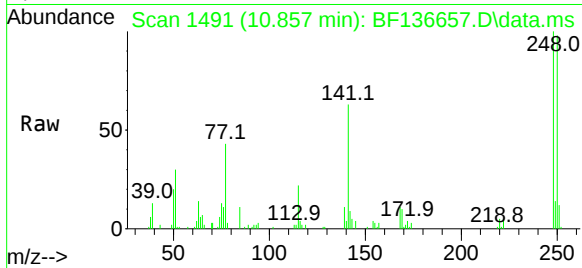
#67
4-Bromophenyl-phenylether
Concen: 5.363 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :
BNA_F
ClientSampleId :
PB157519BS

Tgt Ion:248 Resp: 17009
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 62.5 59.2 88.8

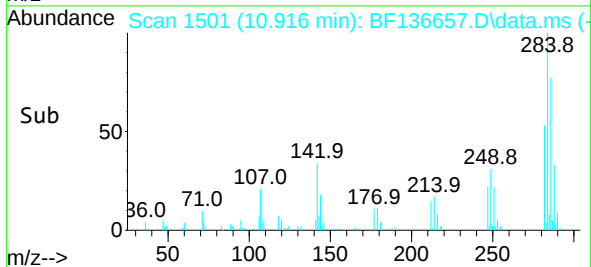
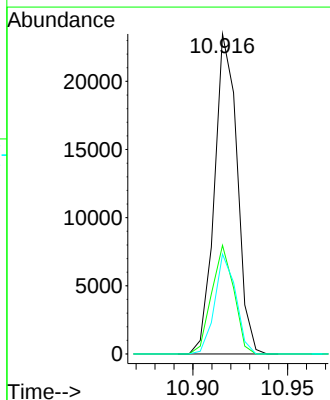
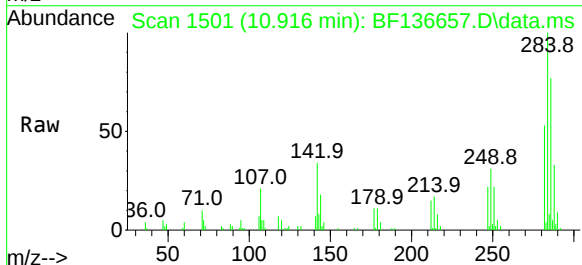
Manual Integrations
APPROVED

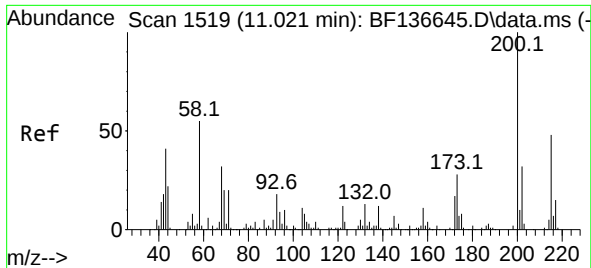
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#68
Hexachlorobenzene
Concen: 5.533 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Tgt Ion:284 Resp: 19557
Ion Ratio Lower Upper
284 100
142 33.9 23.4 35.0
249 31.2 22.3 33.5





#69
Atrazine
Concen: 6.689 ng
RT: 11.010 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

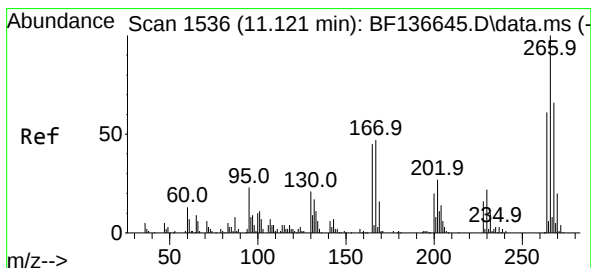
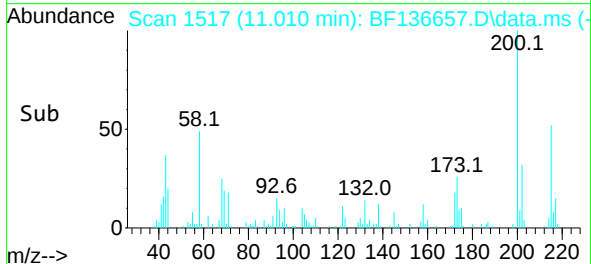
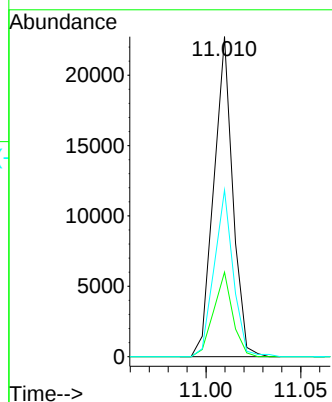
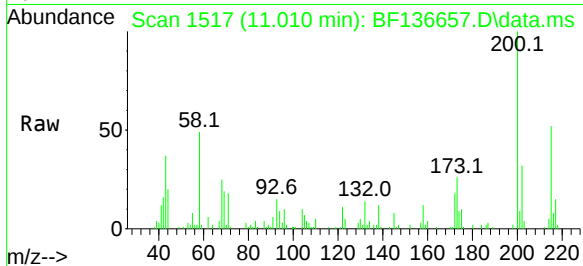
PB157519BS

Tgt Ion:200 Resp: 1587
Ion Ratio Lower Upper
200 100
173 26.4 7.6 47.6
215 52.0 28.3 68.3

Manual Integrations

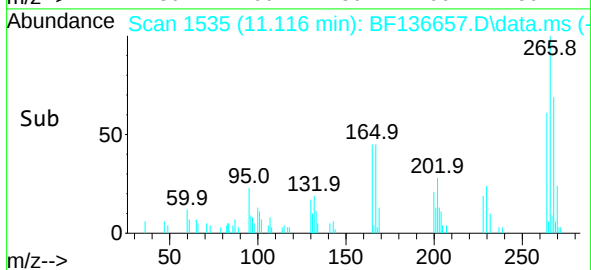
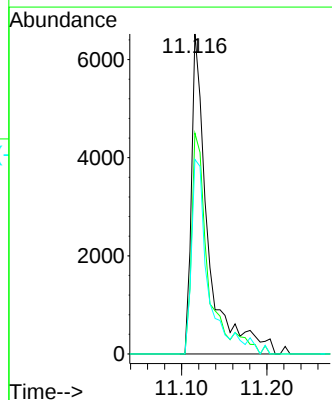
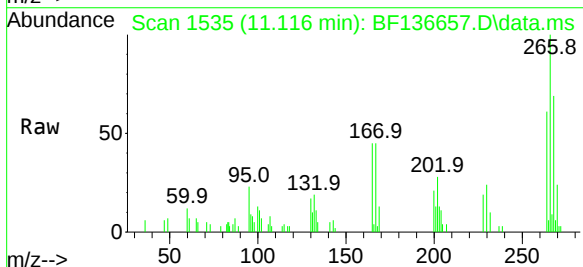
APPROVED

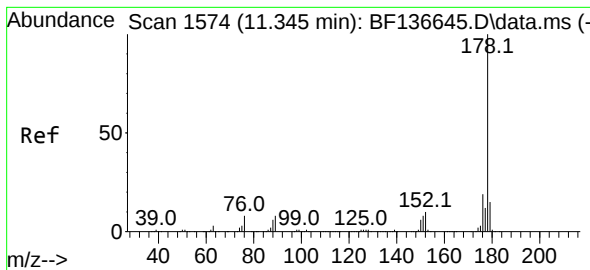
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#70
Pentachlorophenol
Concen: 5.315 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

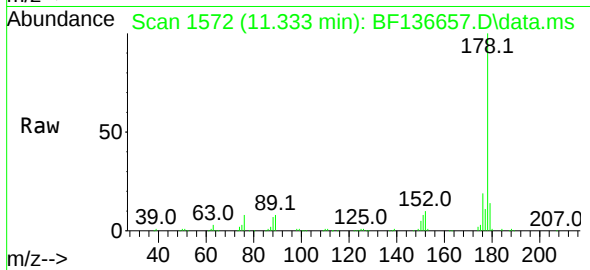
Tgt Ion:266 Resp: 8757
Ion Ratio Lower Upper
266 100
268 69.0 52.6 78.8
264 60.8 49.0 73.4





#71
Phenanthrene
Concen: 5.940 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

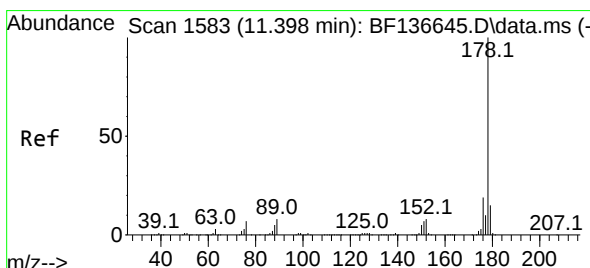
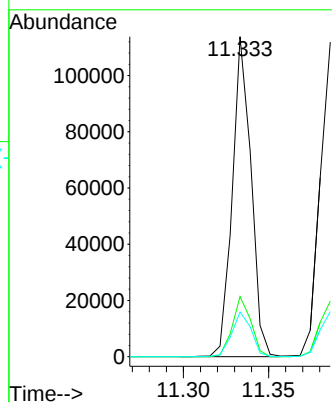
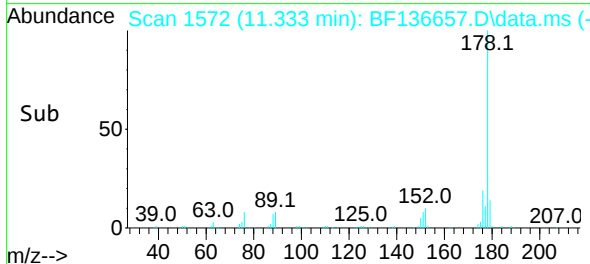
Instrument :
BNA_F
ClientSampleId :
PB157519BS



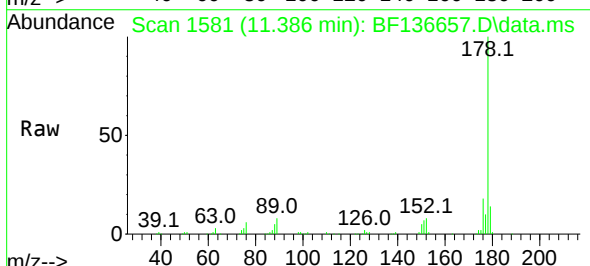
Tgt Ion:178 Resp: 87045
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 13.9 11.9 17.9

Manual Integrations
APPROVED

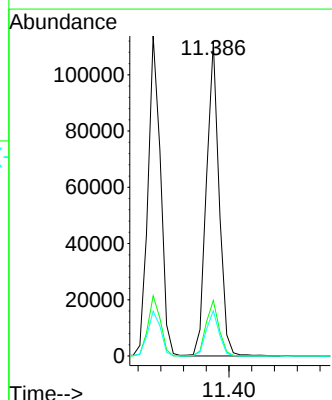
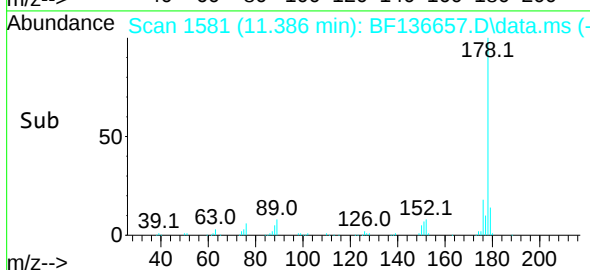
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

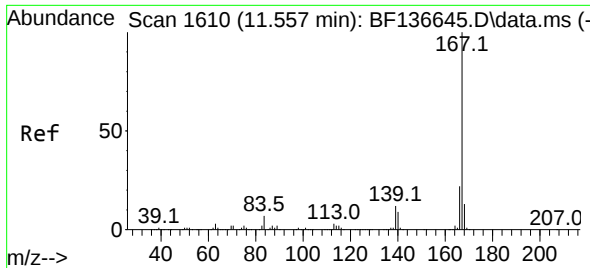


#72
Anthracene
Concen: 5.824 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



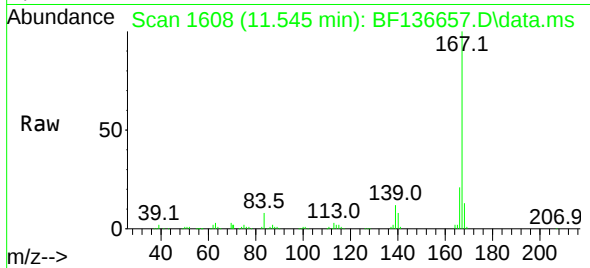
Tgt Ion:178 Resp: 86433
Ion Ratio Lower Upper
178 100
176 17.6 14.9 22.3
179 14.3 11.8 17.6





#73
 Carbazole
 Concen: 5.419 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136657.D
 Acq: 20 Dec 2023 20:08

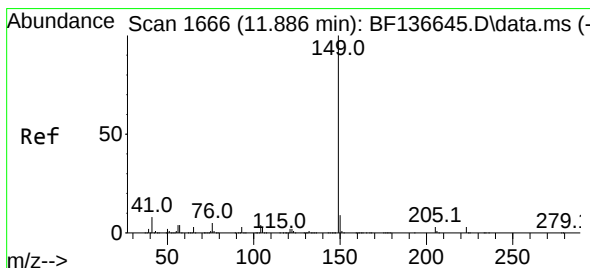
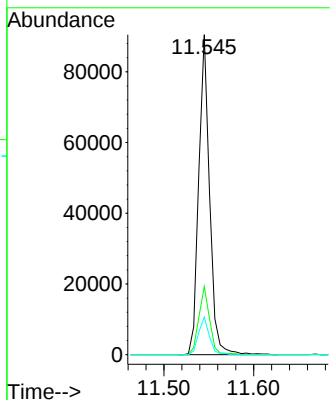
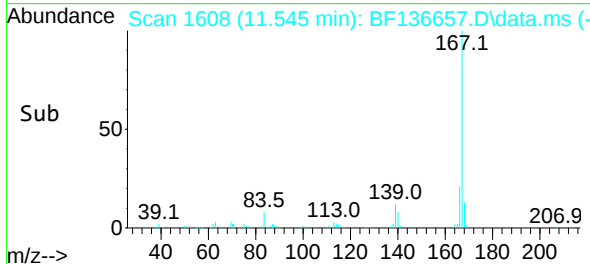
Instrument :
 BNA_F
 ClientSampleId :
 PB157519BS



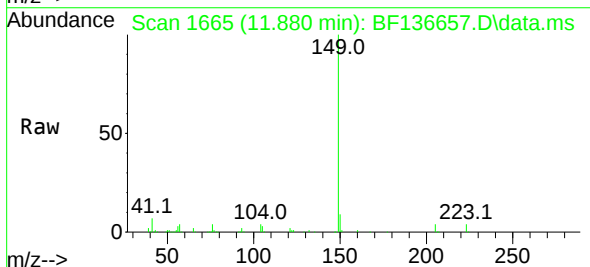
Tgt Ion:167 Resp: 75820
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 11.8 9.8 14.6

Manual Integrations
 APPROVED

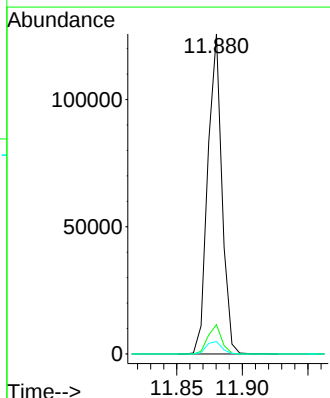
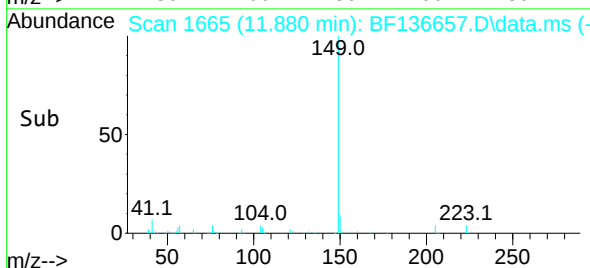
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

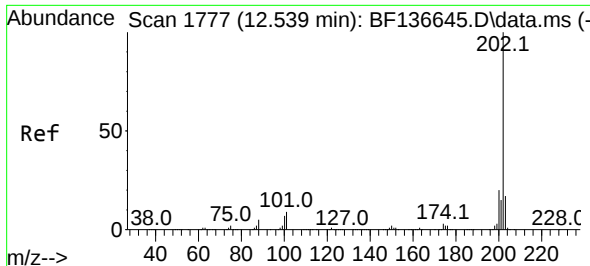


#74
 Di-n-butylphthalate
 Concen: 5.524 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136657.D
 Acq: 20 Dec 2023 20:08



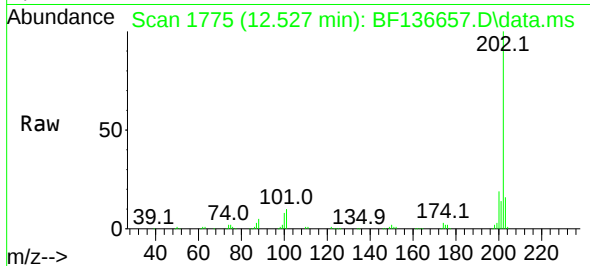
Tgt Ion:149 Resp: 94312
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 3.9 3.6 5.4





#75
Fluoranthene
Concen: 5.594 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

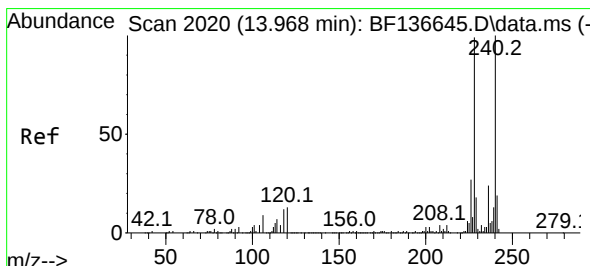
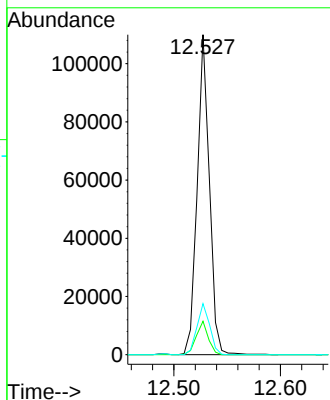
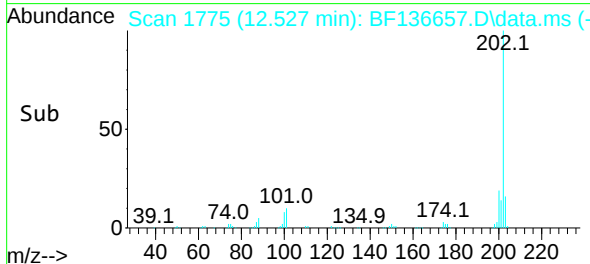
Instrument :
BNA_F
ClientSampleId :
PB157519BS



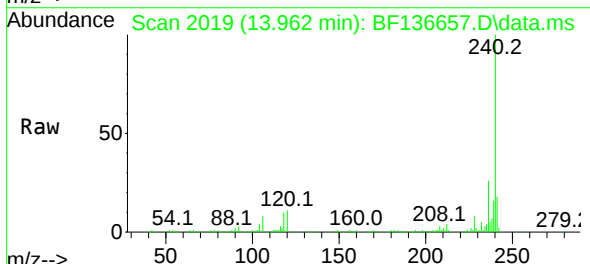
Tgt Ion:202 Resp: 87685
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.3
203 16.0 0.0 37.1

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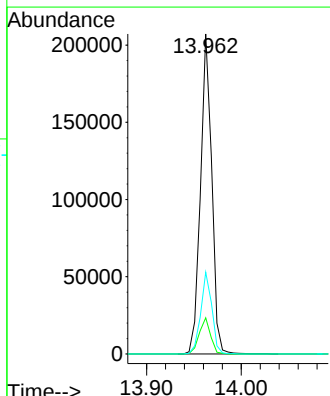
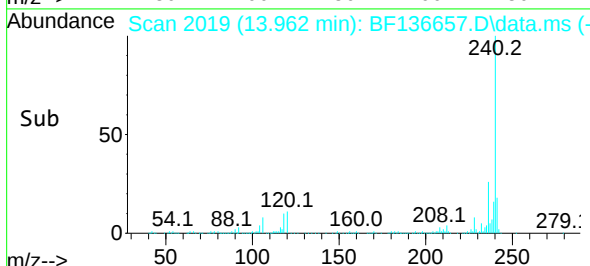
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

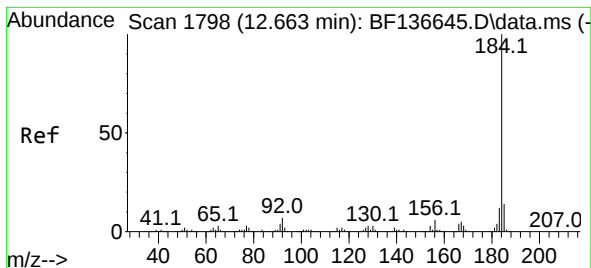


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:240 Resp: 170702
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 25.6 19.4 29.2





#77

Benzidine

Concen: 4.873 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

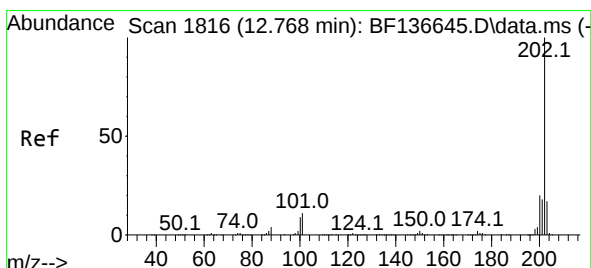
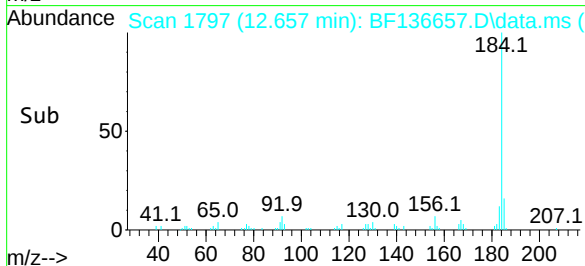
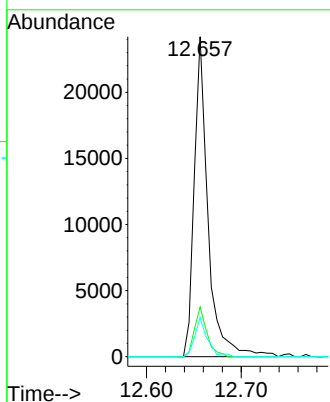
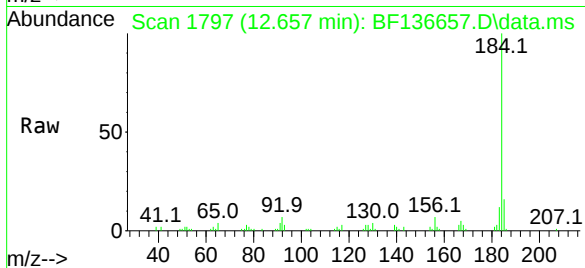
Tgt Ion:184	Resp:	24528
Ion Ratio	Lower	Upper
184	100	
185	15.6	11.2 16.8
183	12.2	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#78

Pyrene

Concen: 5.388 ng

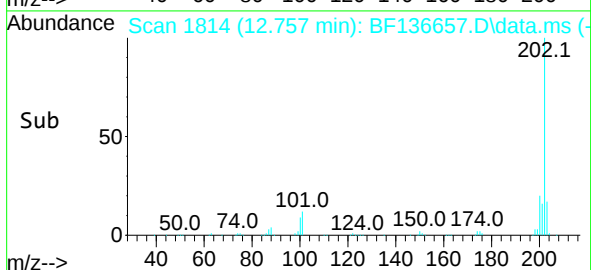
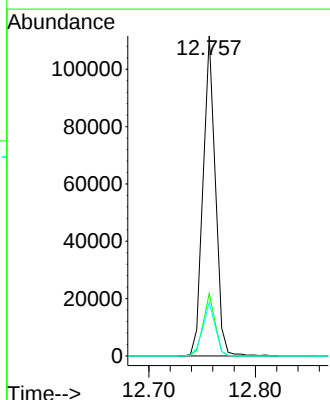
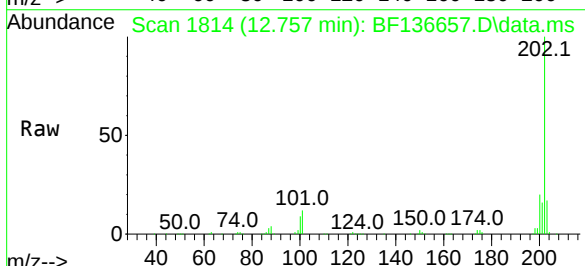
RT: 12.757 min Scan# 1814

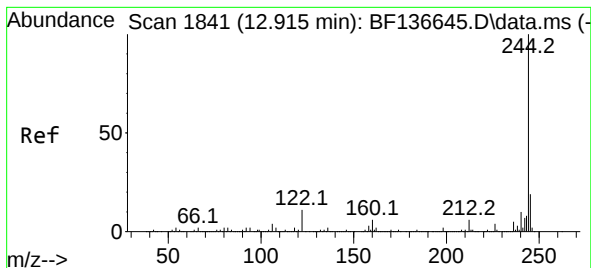
Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:202	Resp:	90294
Ion Ratio	Lower	Upper
202	100	
200	19.6	15.9 23.9
203	16.8	13.8 20.6





#79

Terphenyl-d14

Concen: 10.835 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136657.D

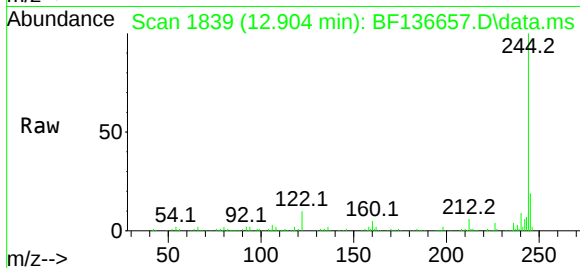
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS



Tgt Ion:244 Resp: 13235

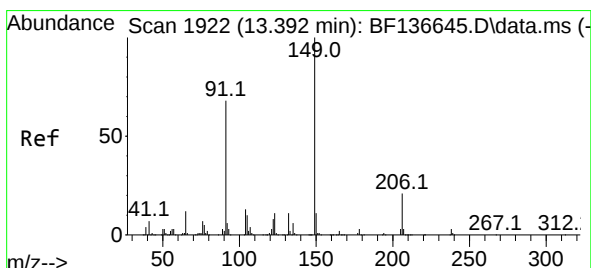
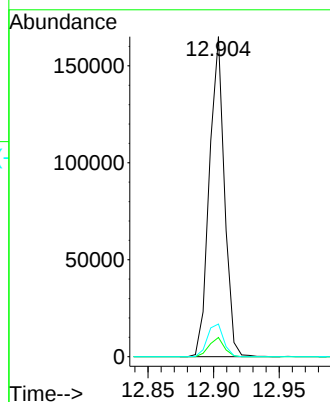
Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.0	7.4
122	10.2	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#80

Butylbenzylphthalate

Concen: 5.194 ng

RT: 13.386 min Scan# 1921

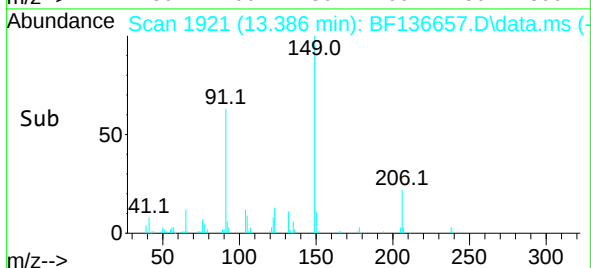
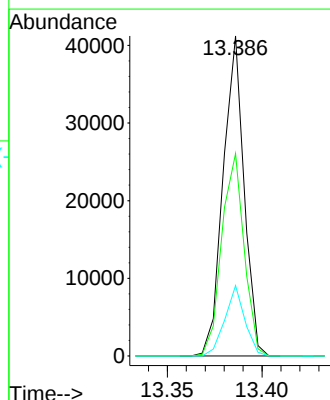
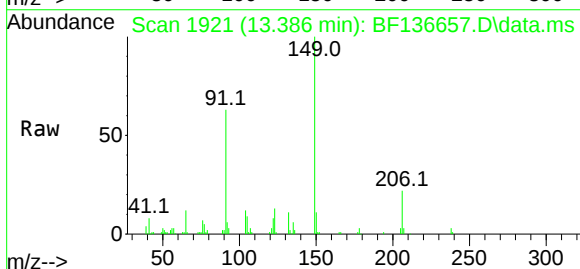
Delta R.T. -0.006 min

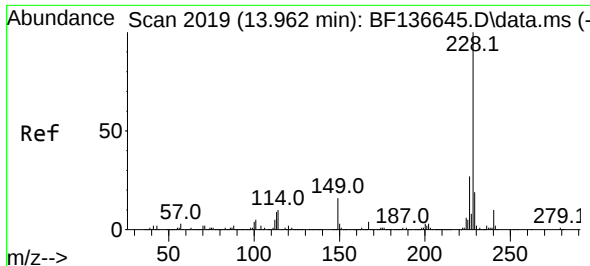
Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:149 Resp: 31673

Ion	Ratio	Lower	Upper
149	100		
91	63.3	54.1	81.1
206	22.0	17.1	25.7





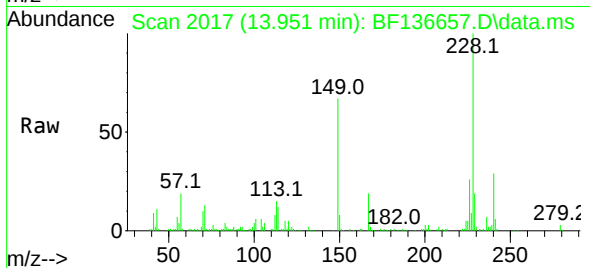
#81
Benzo(a)anthracene
Concen: 5.556 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

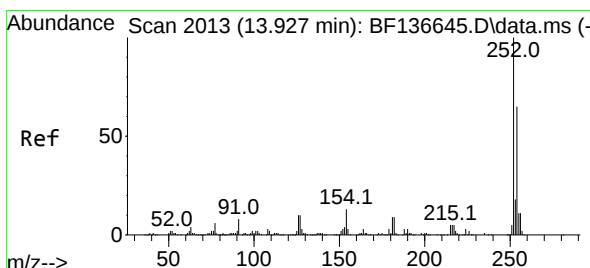
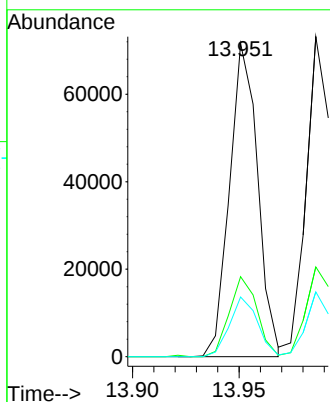
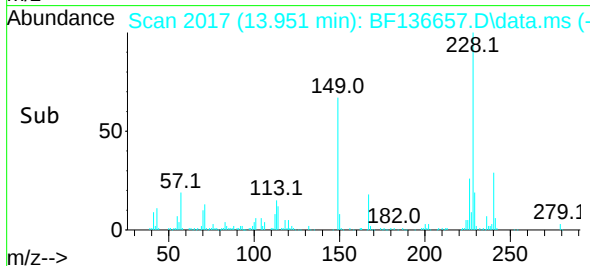


Tgt Ion:228 Resp: 6585
Ion Ratio Lower Upper
228 100
226 25.5 21.4 32.0
229 19.0 14.9 22.3

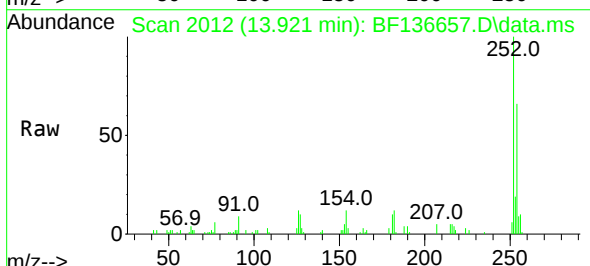
Manual Integrations

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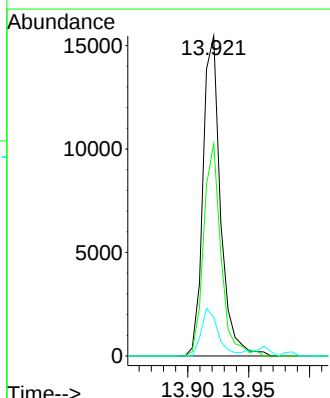
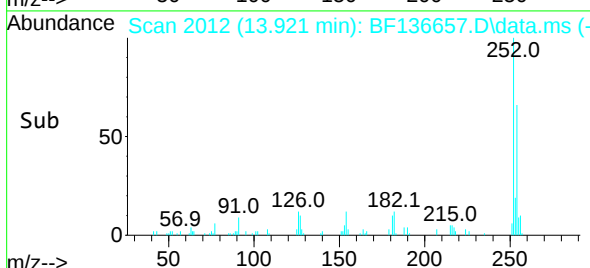
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

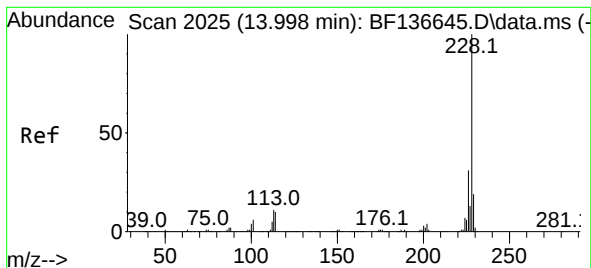


#82
3,3'-Dichlorobenzidine
Concen: 4.599 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:252 Resp: 15480
Ion Ratio Lower Upper
252 100
254 66.3 52.2 78.4
126 12.1 8.0 12.0#





#83

Chrysene

Concen: 5.342 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

Tgt Ion:228 Resp: 61920

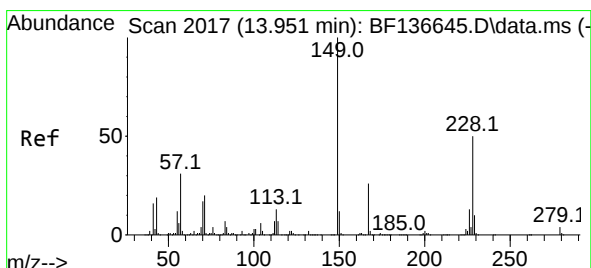
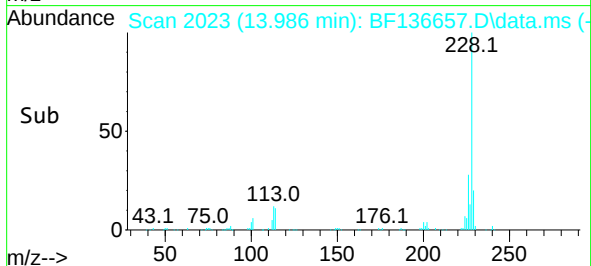
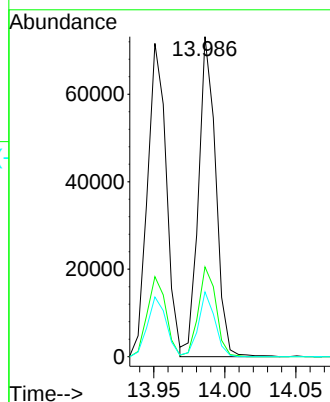
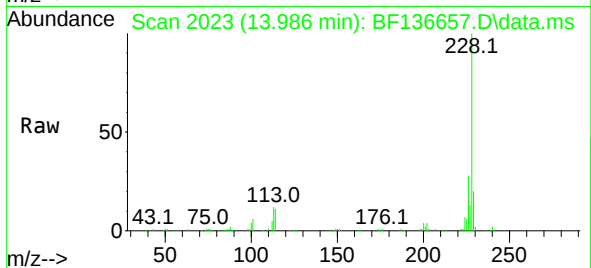
Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.7	37.1
229	20.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.411 ng

RT: 13.951 min Scan# 2017

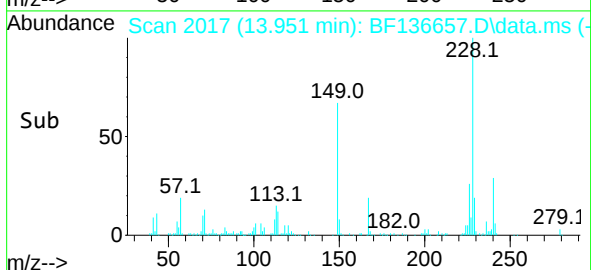
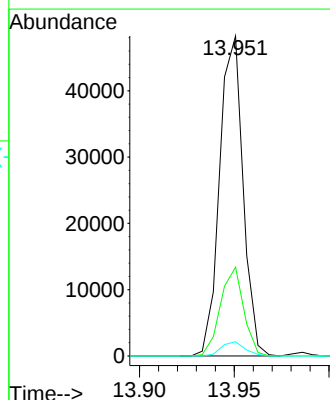
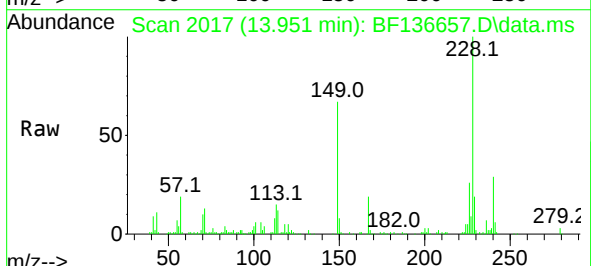
Delta R.T. 0.000 min

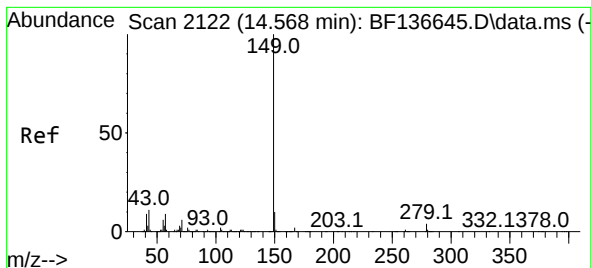
Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:149 Resp: 41511

Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.9	31.3
279	4.5	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 4.909 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

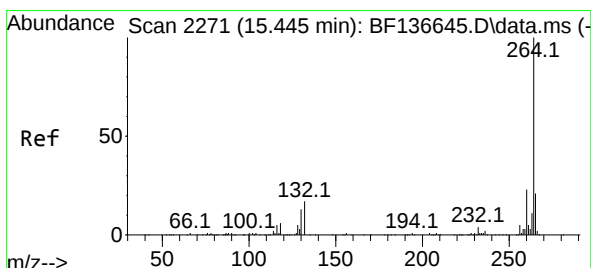
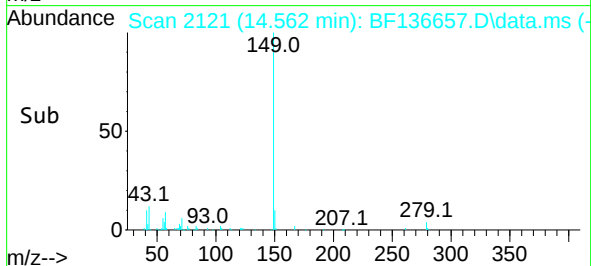
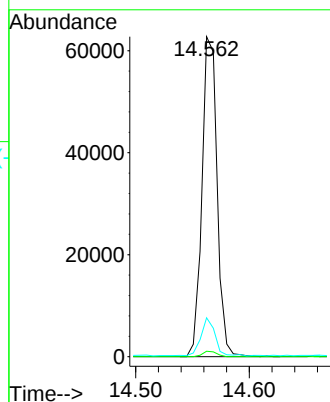
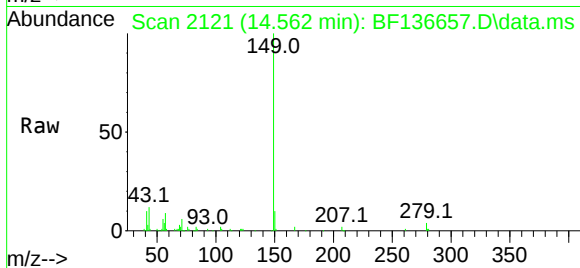
Tgt Ion:149 Resp: 58252
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#86

Perylene-d12

Concen: 20.000 ng

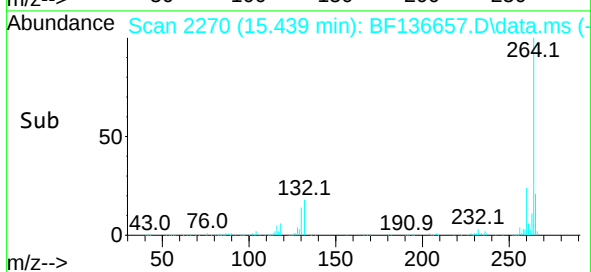
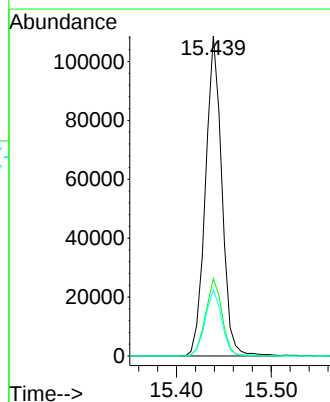
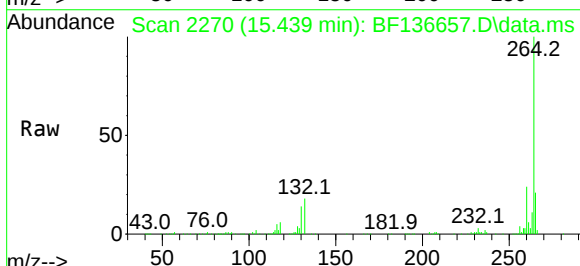
RT: 15.439 min Scan# 2270

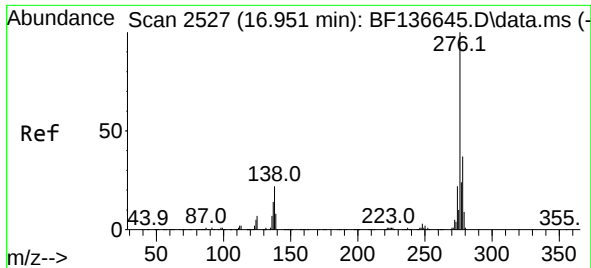
Delta R.T. -0.006 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:264 Resp: 130473
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 20.6 17.0 25.6





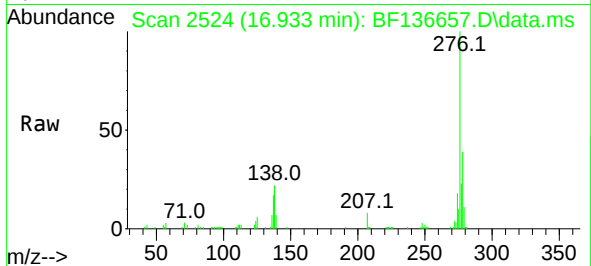
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.098 ng
RT: 16.933 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

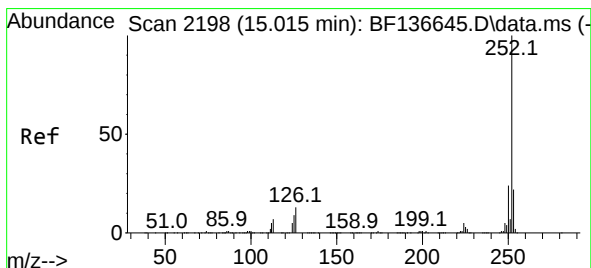
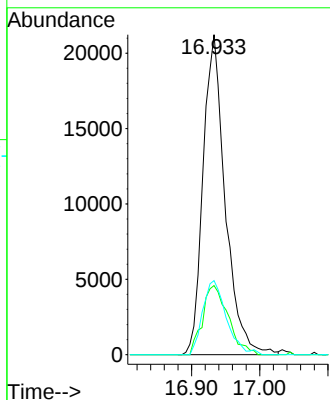
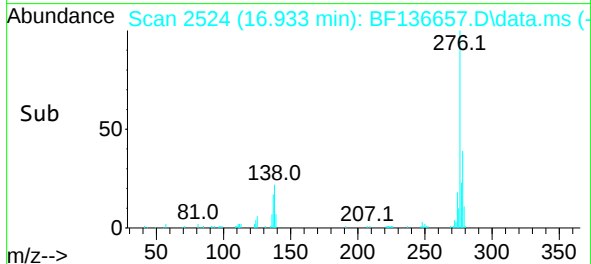


Tgt Ion:276 Resp: 4802
Ion Ratio Lower Upper
276 100
138 24.9 18.7 28.1
277 24.8 20.2 30.2

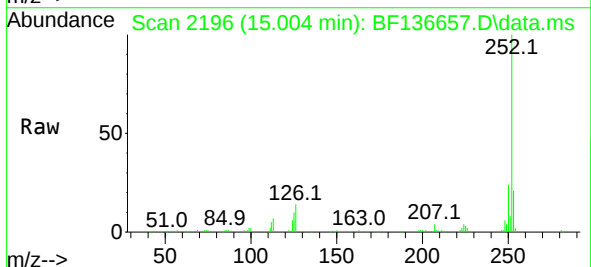
Manual Integrations

APPROVED

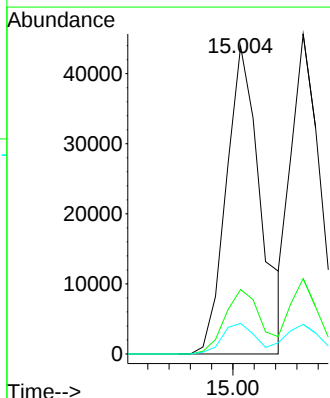
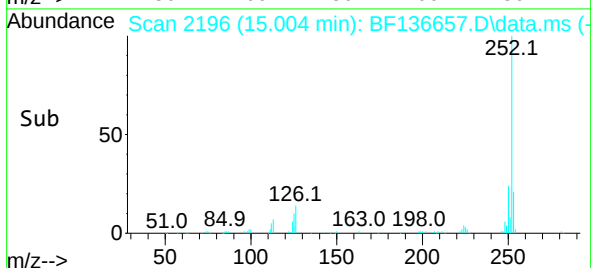
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

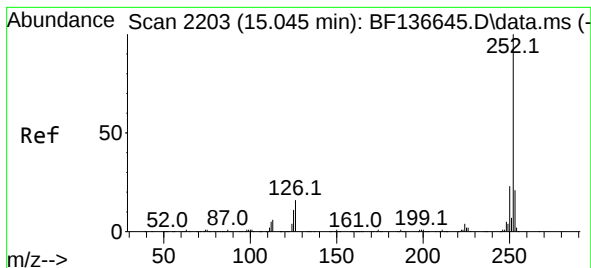


#88
Benzo(b)fluoranthene
Concen: 5.632 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08



Tgt Ion:252 Resp: 49076
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 9.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 5.314 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

ClientSampleId :

PB157519BS

Tgt Ion:252 Resp: 4376

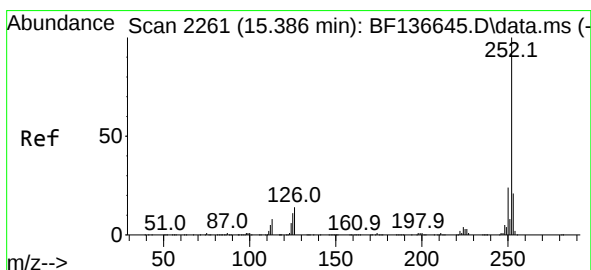
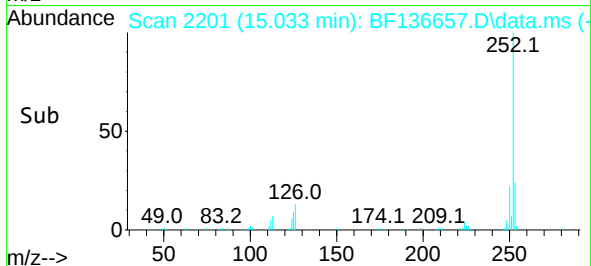
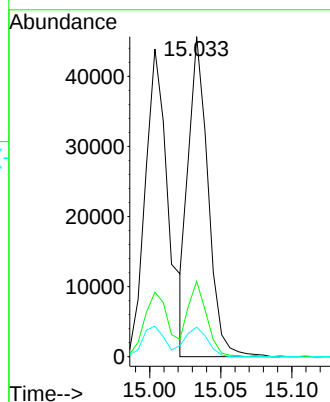
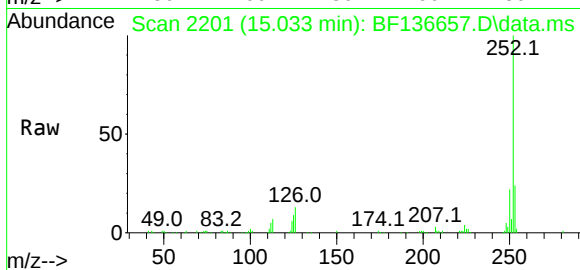
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	9.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#90

Benzo(a)pyrene

Concen: 5.422 ng

RT: 15.374 min Scan# 2259

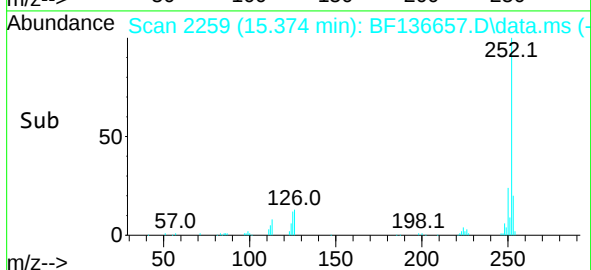
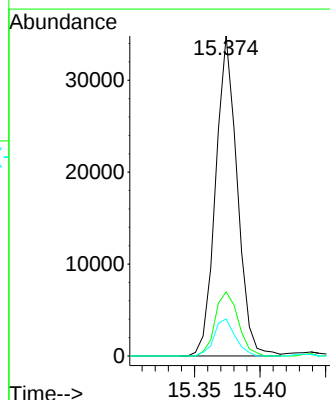
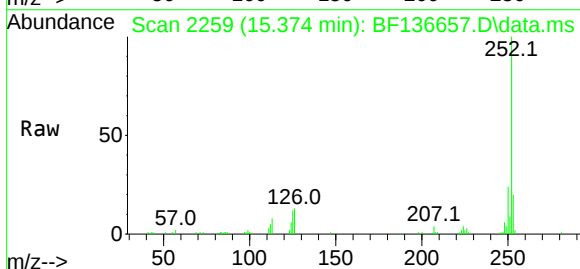
Delta R.T. -0.012 min

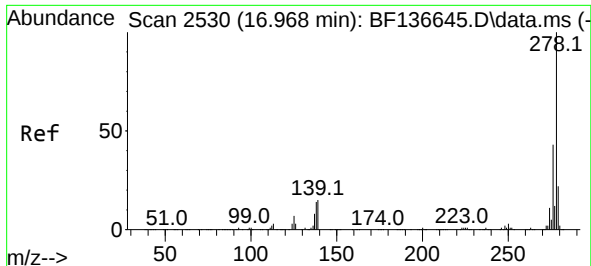
Lab File: BF136657.D

Acq: 20 Dec 2023 20:08

Tgt Ion:252 Resp: 39883

Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.0	25.6
125	11.6	8.8	13.2





#91
Dibenzo(a,h)anthracene
Concen: 5.215 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Instrument :

BNA_F

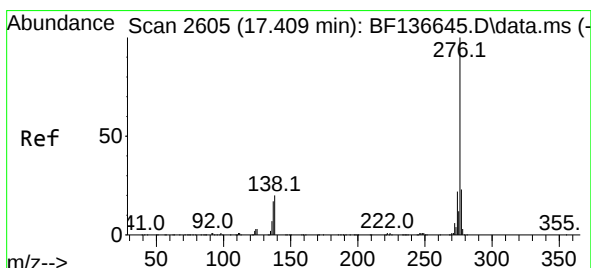
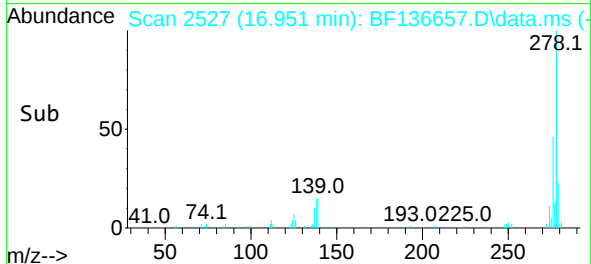
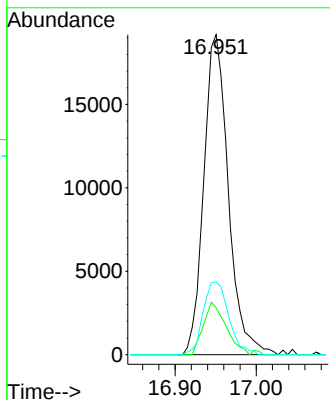
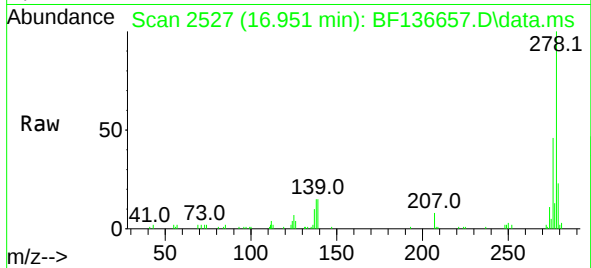
ClientSampleId :

PB157519BS

Tgt Ion:278 Resp: 4030
Ion Ratio Lower Upper
278 100
139 14.7 12.2 18.4
279 22.7 17.8 26.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 4.504 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.029 min
Lab File: BF136657.D
Acq: 20 Dec 2023 20:08

Tgt Ion:276 Resp: 35654
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 20.7 15.6 23.4

