

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136717.D
 Acq On : 26 Dec 2023 13:54
 Operator : CG\JU
 Sample : PB157810BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157810BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 14:27:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	97203	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	387736	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	190231	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	354277	20.000	ng	0.00
76) Chrysene-d12	13.968	240	187870	20.000	ng	0.00
86) Perylene-d12	15.445	264	169492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	735810	118.111	ng	0.01
7) Phenol-d6	6.445	99	898656	111.325	ng	0.00
23) Nitrobenzene-d5	7.357	82	567110	74.844	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	251924	112.446	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1093798	77.335	ng	0.00
79) Terphenyl-d14	12.910	244	1027517	76.432	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	81025	31.215	ng	98
3) Pyridine	3.387	79	189388	29.904	ng	95
4) n-Nitrosodimethylamine	3.351	42	132207	39.090	ng	96
6) Aniline	6.457	93	232621	28.823	ng	# 1
8) 2-Chlorophenol	6.581	128	284231	41.691	ng	96
9) Benzaldehyde	6.339	77	87650	19.089	ng	98
10) Phenol	6.457	94	336471	39.046	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	268810	41.019	ng	100
12) 1,3-Dichlorobenzene	6.728	146	279444	37.574	ng	99
13) 1,4-Dichlorobenzene	6.804	146	284147	37.392	ng	99
14) 1,2-Dichlorobenzene	6.957	146	275536	38.966	ng	99
15) Benzyl Alcohol	6.939	79	230818	42.384	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	426936	39.847	ng	84
17) 2-Methylphenol	7.051	107	225415	39.912	ng	95
18) Hexachloroethane	7.292	117	105103	38.084	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	191772	39.190	ng	95
20) 3+4-Methylphenols	7.204	107	277468	39.324	ng	# 84
22) Acetophenone	7.198	105	394291	40.571	ng	94
24) Nitrobenzene	7.375	77	284854	37.528	ng	94
25) Isophorone	7.610	82	529916	38.434	ng	99
26) 2-Nitrophenol	7.686	139	148588	40.915	ng	99
27) 2,4-Dimethylphenol	7.728	122	240784	54.461	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	328113	39.151	ng	99
29) 2,4-Dichlorophenol	7.933	162	224867	39.506	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	244613	38.571	ng	100
31) Naphthalene	8.086	128	807360	37.902	ng	99
32) Benzoic acid	7.880	122	181237	42.366	ng	98
33) 4-Chloroaniline	8.139	127	196179	24.944	ng	98
34) Hexachlorobutadiene	8.198	225	143437	37.226	ng	98
35) Caprolactam	8.522	113	76610m	40.799	ng	
36) 4-Chloro-3-methylphenol	8.633	107	249765	38.978	ng	97
37) 2-Methylnaphthalene	8.780	142	516564	37.681	ng	99
38) 1-Methylnaphthalene	8.880	142	479982	35.688	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	246168	41.785	ng	99
41) Hexachlorocyclopentadiene	8.927	237	148557	79.142	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	157572	41.705	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	172422	40.952	ng	97
46) 1,1'-Biphenyl	9.245	154	645354	40.427	ng	99
47) 2-Chloronaphthalene	9.269	162	480925	39.629	ng	100
48) 2-Nitroaniline	9.374	65	154325	40.609	ng	94
49) Acenaphthylene	9.686	152	743929	40.106	ng	99
50) Dimethylphthalate	9.551	163	556472	40.049	ng	99
51) 2,6-Dinitrotoluene	9.616	165	124082	39.348	ng	# 85
52) Acenaphthene	9.857	154	453495	39.441	ng	99
53) 3-Nitroaniline	9.786	138	105747	31.656	ng	96
54) 2,4-Dinitrophenol	9.904	184	138206	79.121	ng	97
55) Dibenzofuran	10.033	168	672275	38.571	ng	98
56) 4-Nitrophenol	9.969	139	178646	79.220	ng	99
57) 2,4-Dinitrotoluene	10.022	165	157023	38.356	ng	94
58) Fluorene	10.374	166	535056	38.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	142564	43.987	ng	98
60) Diethylphthalate	10.251	149	560475	38.876	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	254851	37.912	ng	95
62) 4-Nitroaniline	10.410	138	112993m	35.087	ng	
63) Azobenzene	10.527	77	520014	38.619	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	94398	46.493	ng	82
66) n-Nitrosodiphenylamine	10.492	169	477404	41.483	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	155623	39.553	ng	99
68) Hexachlorobenzene	10.921	284	174282	39.748	ng	95
69) Atrazine	11.027	200	176630	60.006	ng	96
70) Pentachlorophenol	11.127	266	163109	79.809	ng	96
71) Phenanthrene	11.339	178	740243	40.721	ng	99
72) Anthracene	11.392	178	751947	40.845	ng	100
73) Carbazole	11.551	167	681247	39.249	ng	99
74) Di-n-butylphthalate	11.880	149	828299	39.108	ng	100
75) Fluoranthene	12.533	202	736733	37.889	ng	97
77) Benzidine	12.657	184	64204	11.590	ng	99
78) Pyrene	12.762	202	741951	40.230	ng	99
80) Butylbenzylphthalate	13.386	149	290291	43.258	ng	97
81) Benzo(a)anthracene	13.957	228	540199	41.409	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	162980	43.991	ng	98
83) Chrysene	13.998	228	516224	40.466	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	374168	44.315	ng	# 97
85) Di-n-octyl phthalate	14.562	149	611772	46.841	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	602132	49.204	ng	99
88) Benzo(b)fluoranthene	15.015	252	488826	43.181	ng	99
89) Benzo(k)fluoranthene	15.045	252	481537	45.017	ng	98
90) Benzo(a)pyrene	15.386	252	427370	44.724	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	504711	50.272	ng	99
92) Benzo(g,h,i)perylene	17.415	276	513406	49.929	ng	98

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

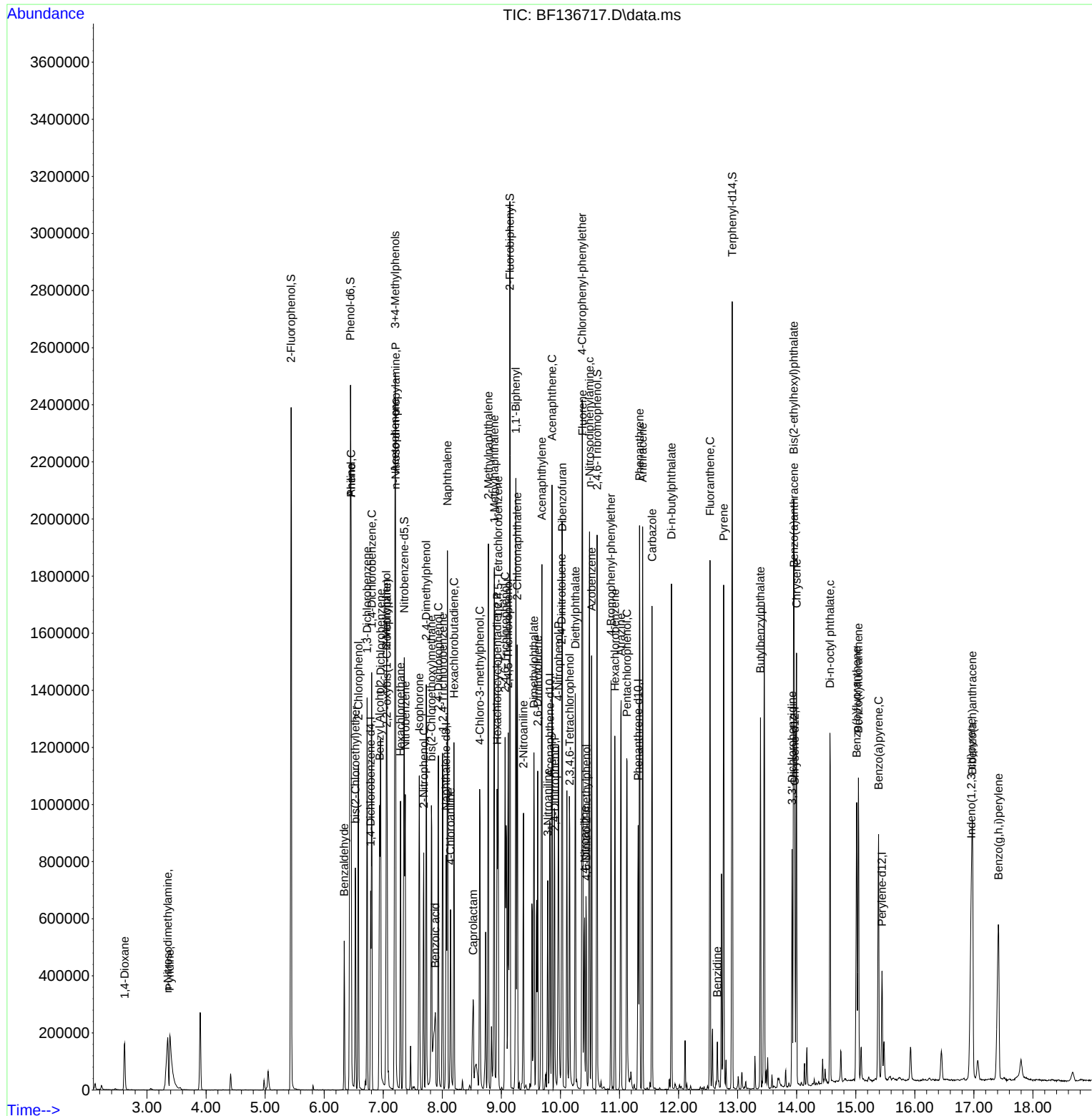
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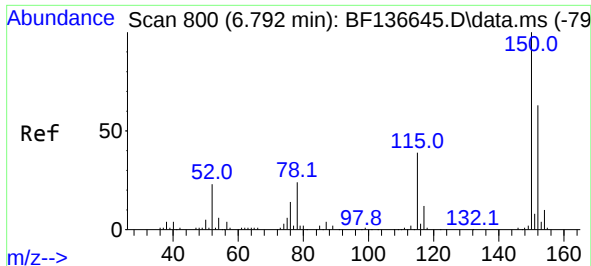
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Supervised By :mohammad ahmed 12/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

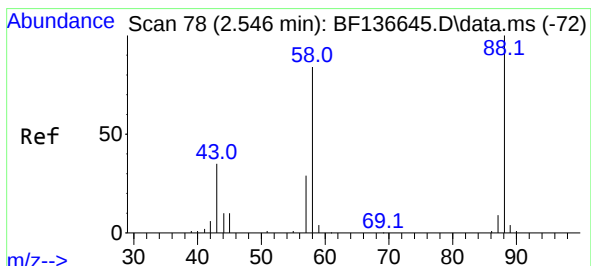
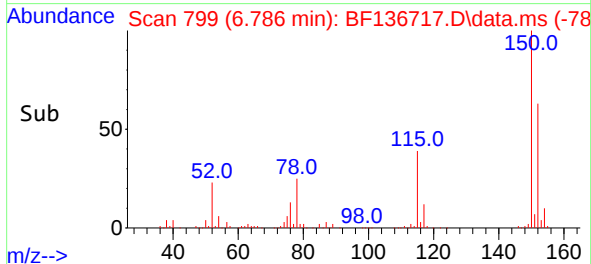
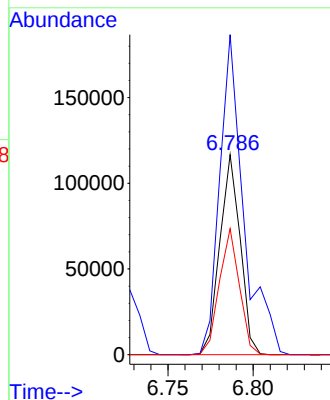
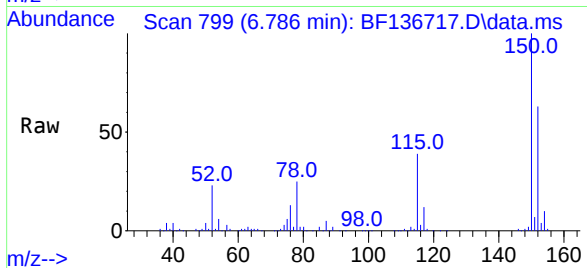
PB157810BS

Tgt Ion:152 Resp: 9720
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 63.1 49.0 73.4

Manual Integrations

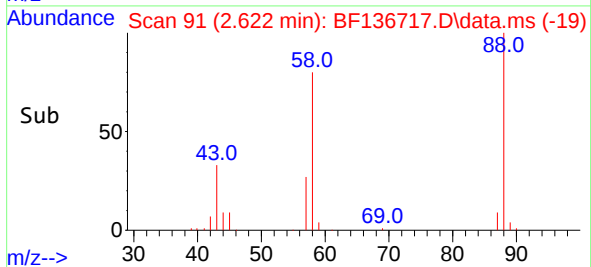
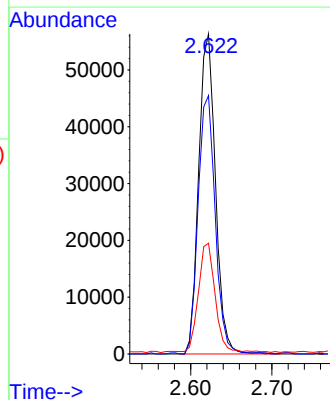
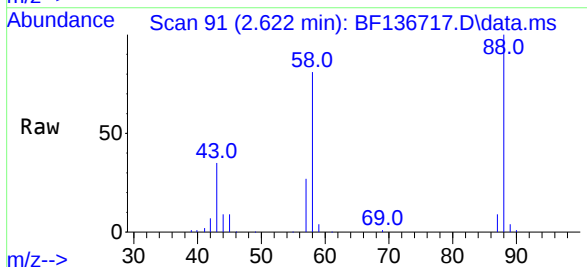
APPROVED

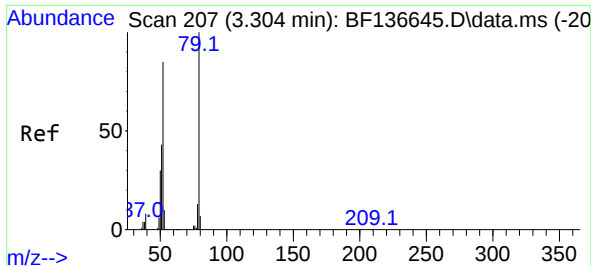
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#2
1,4-Dioxane
Concen: 31.215 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.076 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

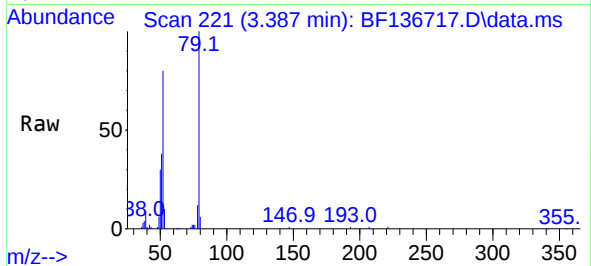
Tgt Ion: 88 Resp: 81025
Ion Ratio Lower Upper
88 100
58 82.3 67.4 101.0
43 34.3 27.7 41.5





#3
Pyridine
Concen: 29.904 ng
RT: 3.387 min Scan# 215
Delta R.T. 0.082 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

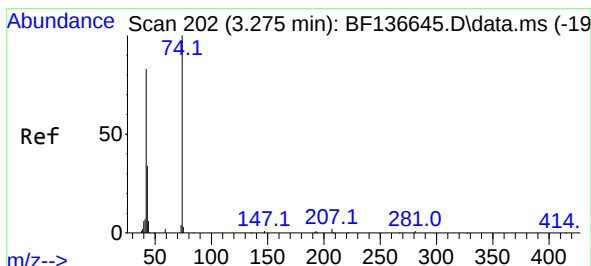
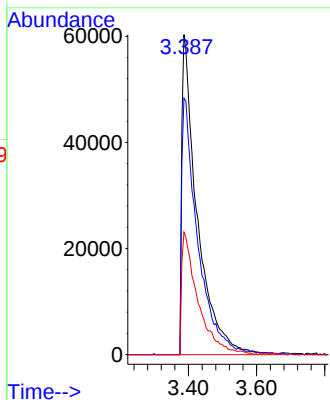
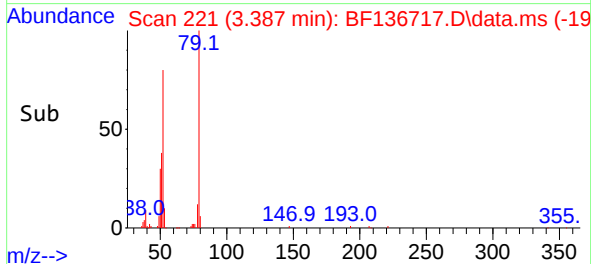
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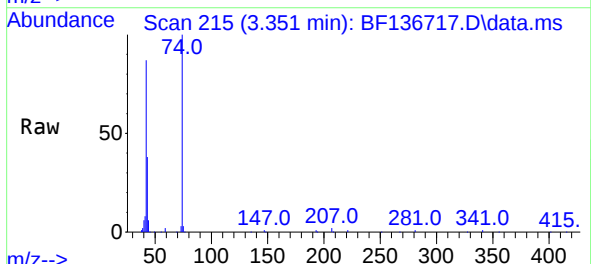
Tgt Ion: 79 Resp: 18938
Ion Ratio Lower Upper
79 100
52 80.2 67.7 101.5
51 38.3 34.0 51.0

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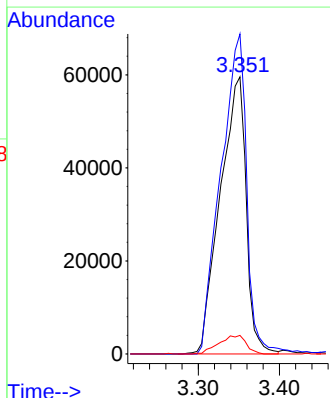
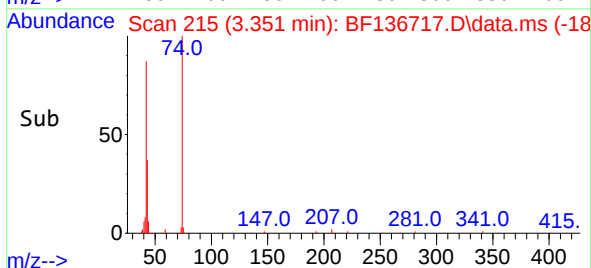
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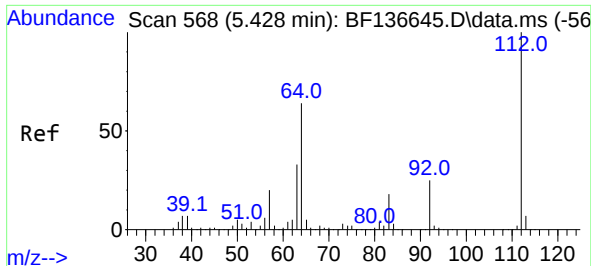


#4
n-Nitrosodimethylamine
Concen: 39.090 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.076 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion: 42 Resp: 132207
Ion Ratio Lower Upper
42 100
74 115.5 96.0 144.0
44 6.7 5.4 8.2





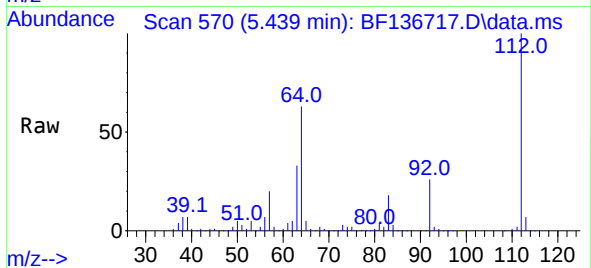
#5
2-Fluorophenol
Concen: 118.111 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

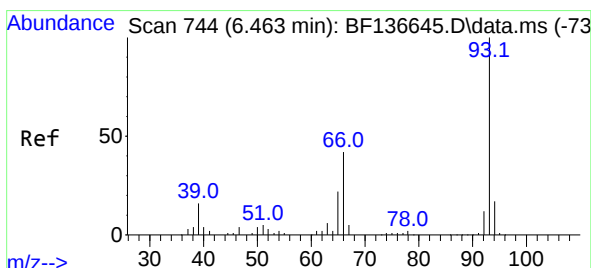
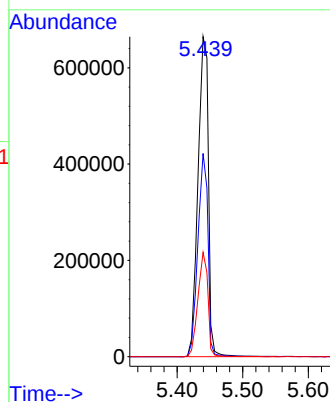
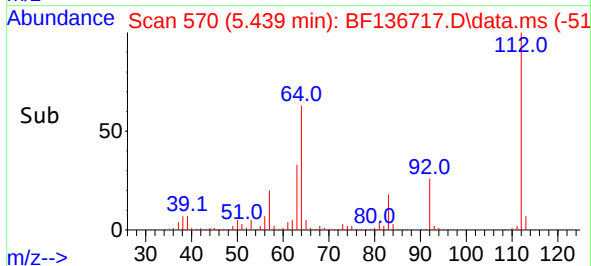


Tgt Ion:112 Resp: 735810
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 32.6 26.1 39.1

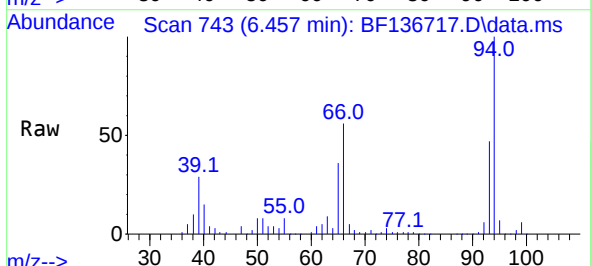
Manual Integrations

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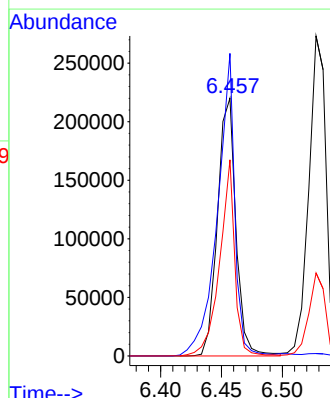
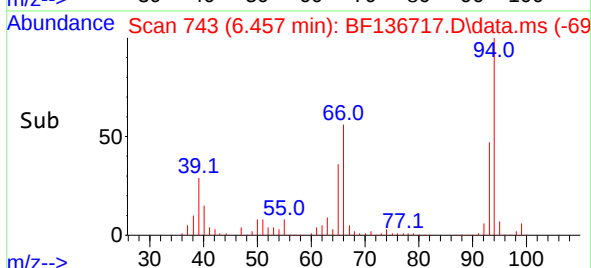
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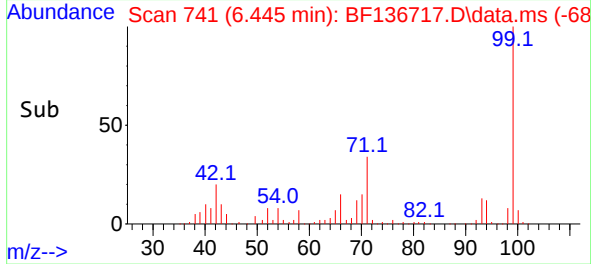
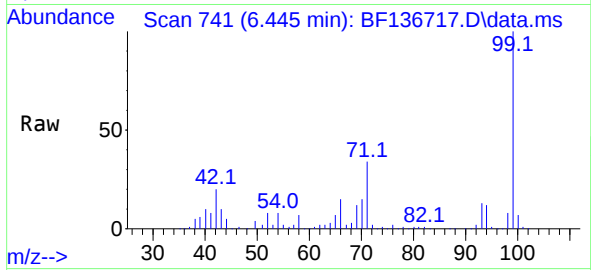
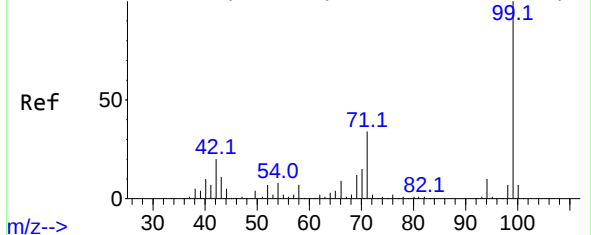
#6
Aniline
Concen: 28.823 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136717.D
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Tgt Ion: 93 Resp: 232621
Ion Ratio Lower Upper
93 100
66 117.4 34.6 51.8#
65 76.1 17.8 26.8#



Abundance Scan 740 (6.439 min): BF136645.D\data.ms (-73



#7

Phenol-d6

Concen: 111.325 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136717.D

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Tgt Ion: 99 Resp: 898650

Ion Ratio Lower Upper

99 100

42 20.1 16.1 24.1

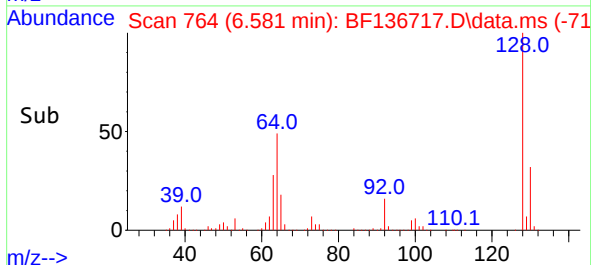
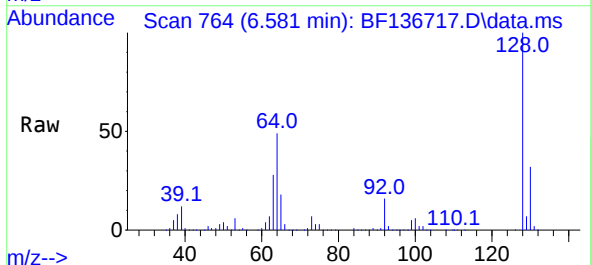
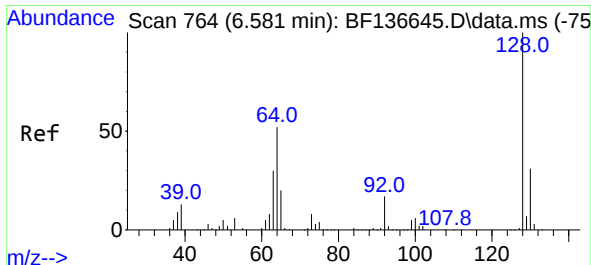
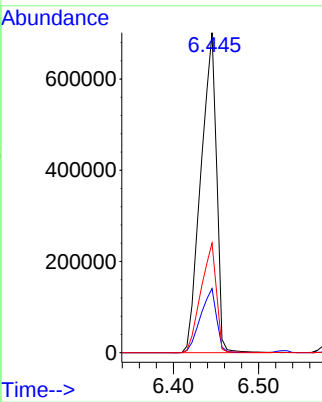
71 34.3 27.4 41.2

Manual Integrations

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Supervised By :mohammad ahmed 12/27/2023



#8

2-Chlorophenol

Concen: 41.691 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF136717.D

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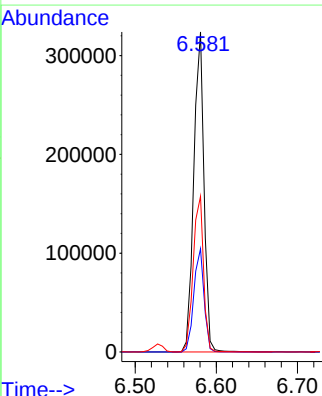
Tgt Ion:128 Resp: 284231

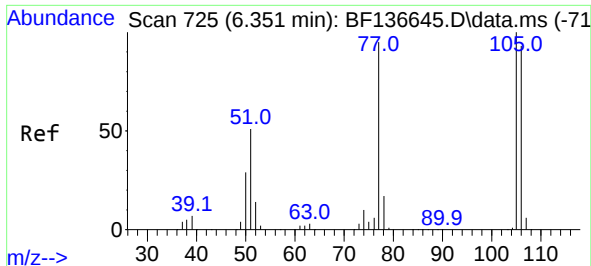
Ion Ratio Lower Upper

128 100

130 32.3 11.3 51.3

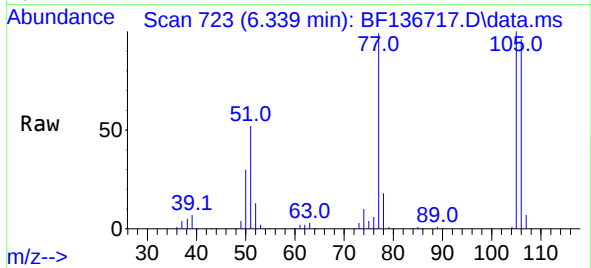
64 48.7 32.5 72.5





#9
Benzaldehyde
Concen: 19.089 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
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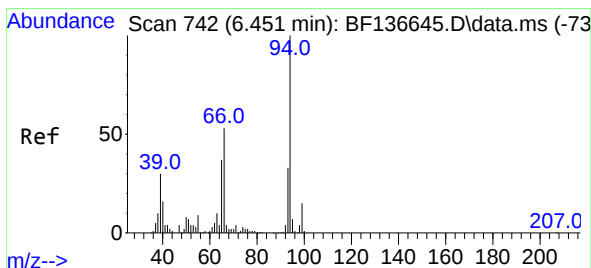
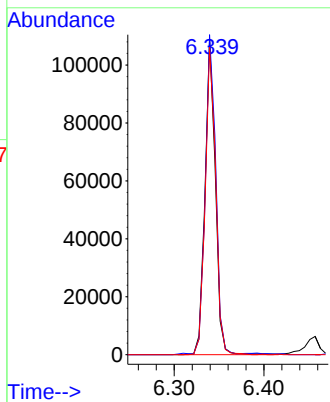
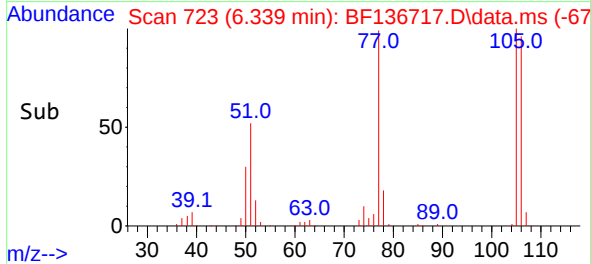
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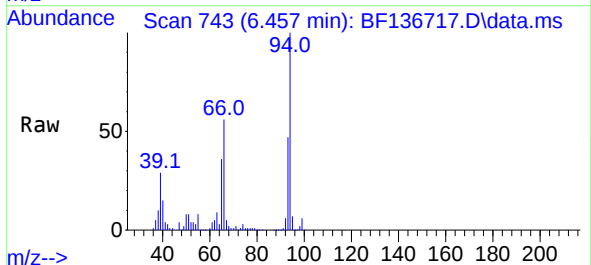
Tgt Ion: 77 Resp: 87650
Ion Ratio Lower Upper
77 100
105 101.3 84.8 124.8
106 97.5 77.8 117.8

Manual Integrations
APPROVED

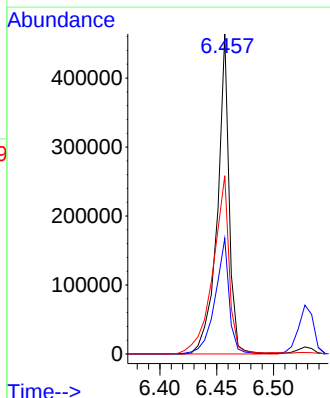
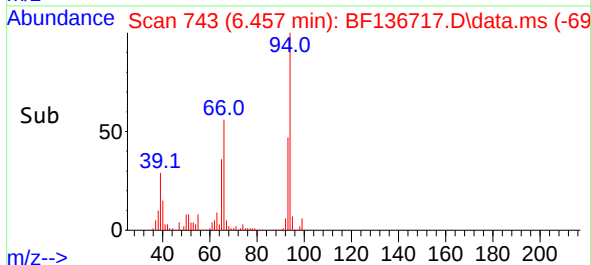
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

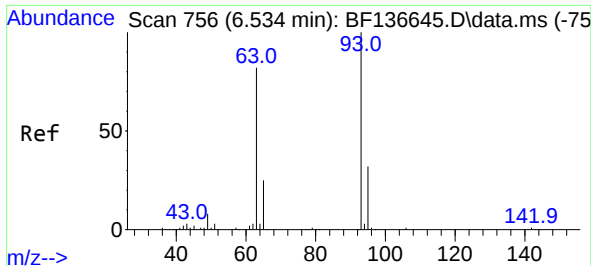


#10
Phenol
Concen: 39.046 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion: 94 Resp: 336471
Ion Ratio Lower Upper
94 100
65 36.1 16.6 56.6
66 55.7 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 41.019 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

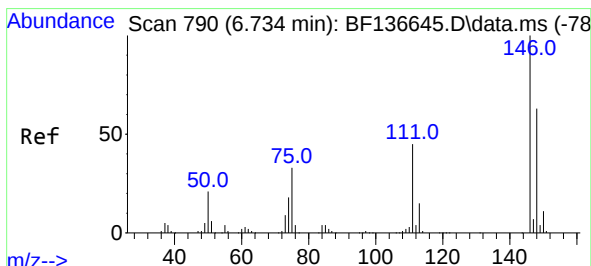
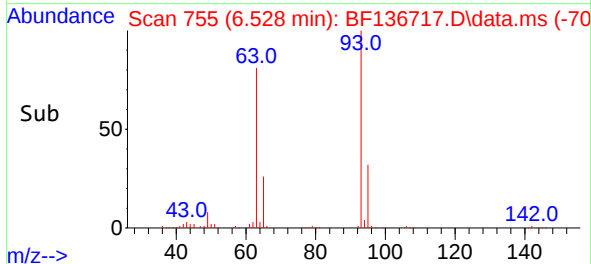
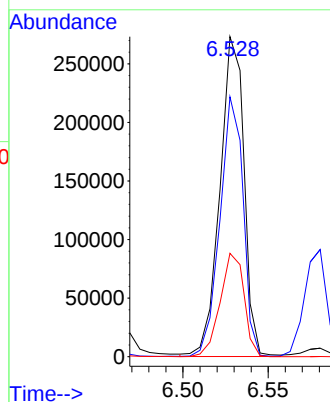
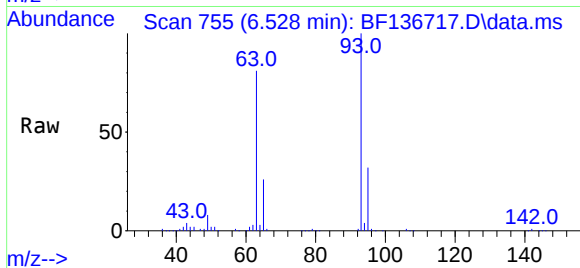
PB157810BS

Tgt Ion: 93 Resp: 268810
Ion Ratio Lower Upper
93 100
63 81.2 61.2 101.2
95 32.3 11.6 51.6

Manual Integrations

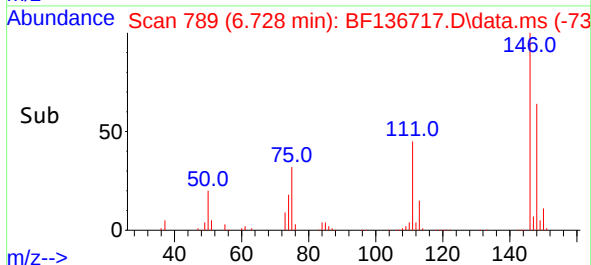
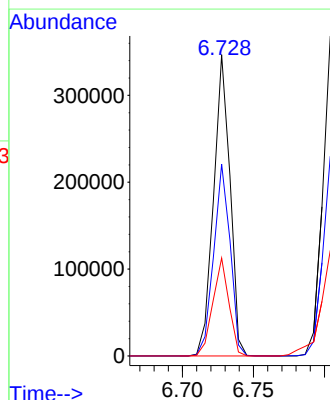
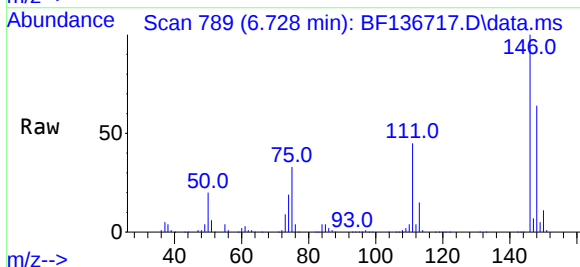
APPROVED

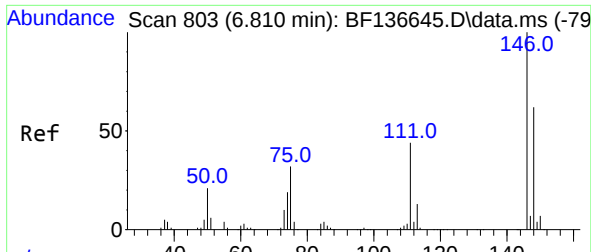
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#12
1,3-Dichlorobenzene
Concen: 37.574 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:146 Resp: 279444
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 32.5 26.2 39.4





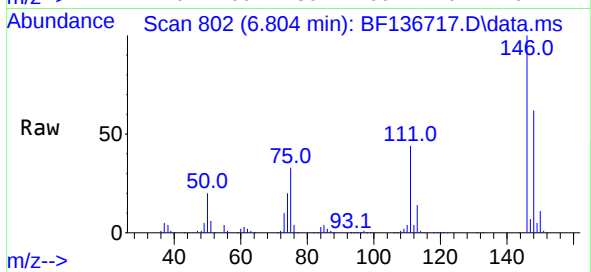
#13
1,4-Dichlorobenzene
Concen: 37.392 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

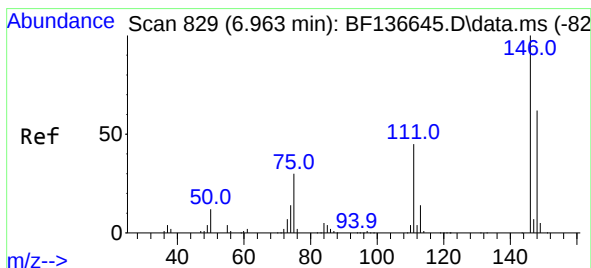
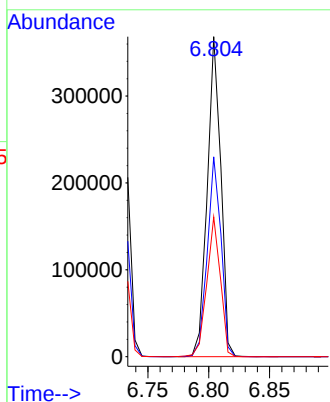
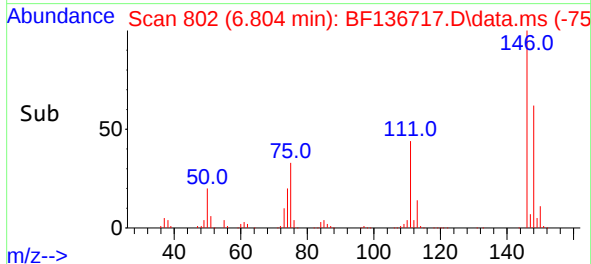


Tgt Ion:146 Resp: 284147
Ion Ratio Lower Upper
146 100
148 62.5 49.2 73.8
111 43.7 35.2 52.8

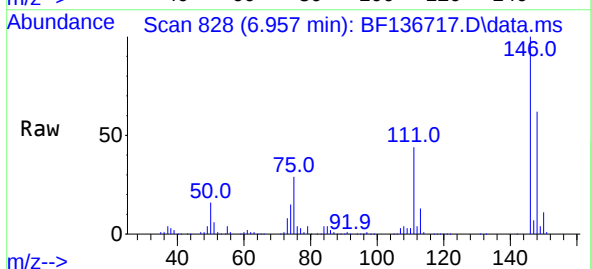
Manual Integrations

APPROVED

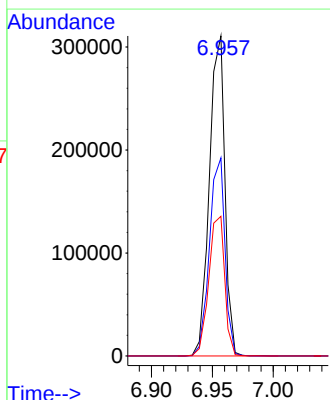
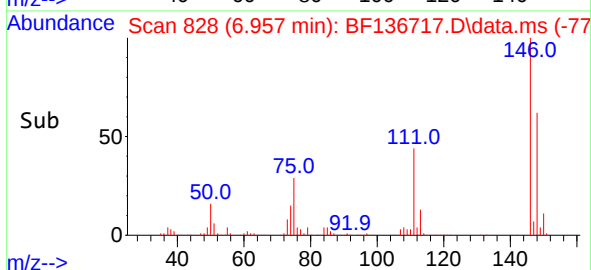
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

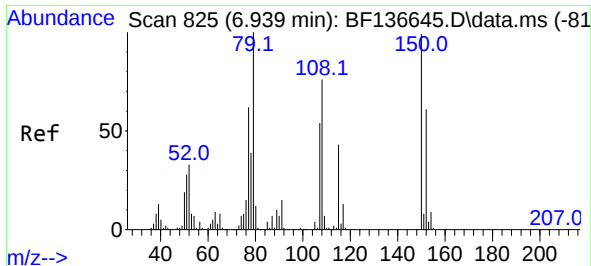


#14
1,2-Dichlorobenzene
Concen: 38.966 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:146 Resp: 275536
Ion Ratio Lower Upper
146 100
148 61.9 49.6 74.4
111 43.7 36.2 54.2





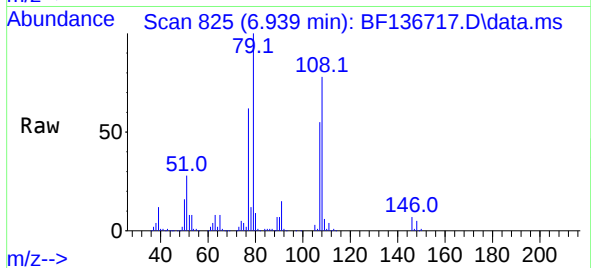
#15
Benzyl Alcohol
Concen: 42.384 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

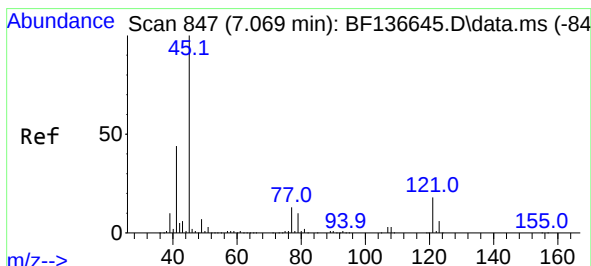
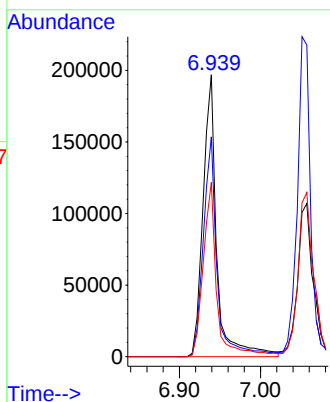
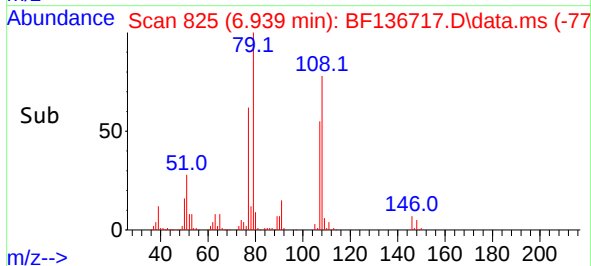


Tgt Ion: 79 Resp: 230818
Ion Ratio Lower Upper
79 100
108 78.0 61.0 91.6
77 61.8 49.8 74.8

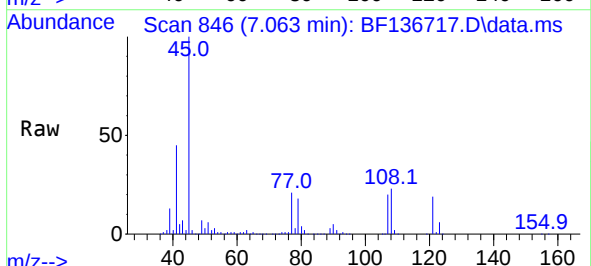
Manual Integrations

APPROVED

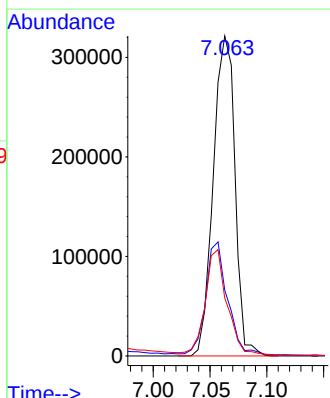
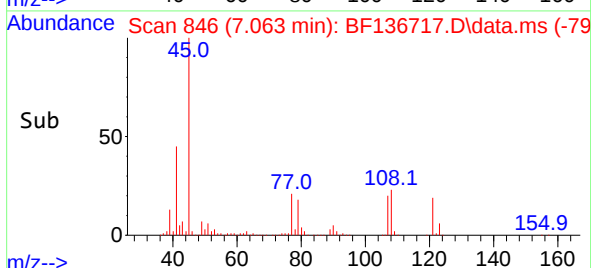
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

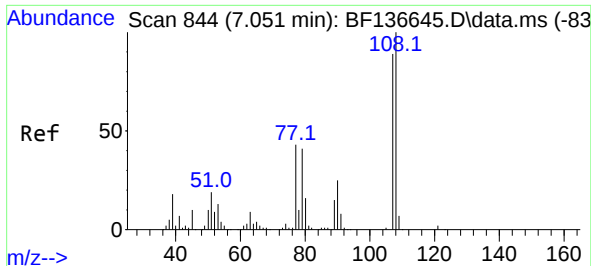


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.847 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion: 45 Resp: 426936
Ion Ratio Lower Upper
45 100
77 20.6 0.0 34.3
79 18.0 0.0 31.4





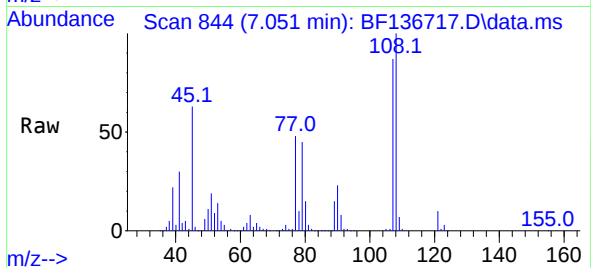
#17
2-Methylphenol
Concen: 39.912 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

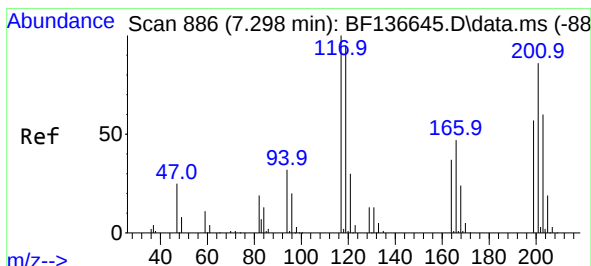
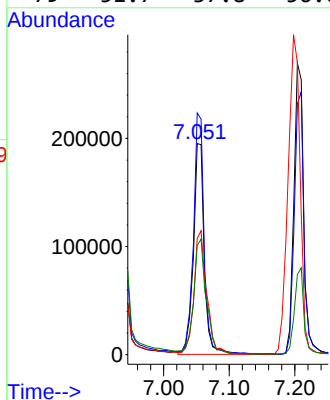
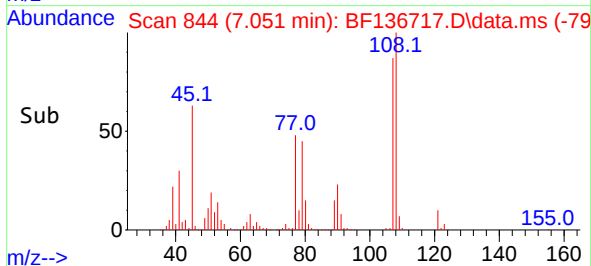


Tgt Ion:107 Resp: 22541
Ion Ratio Lower Upper
107 100
108 114.5 90.3 135.5
77 55.1 38.7 58.1
79 51.7 37.8 56.6

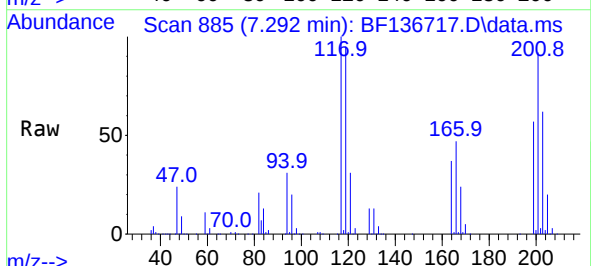
Manual Integrations

APPROVED

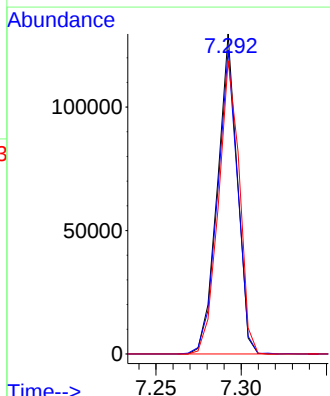
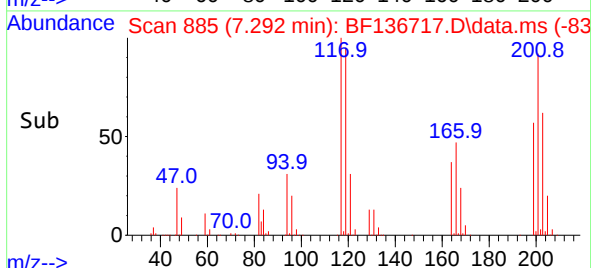
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

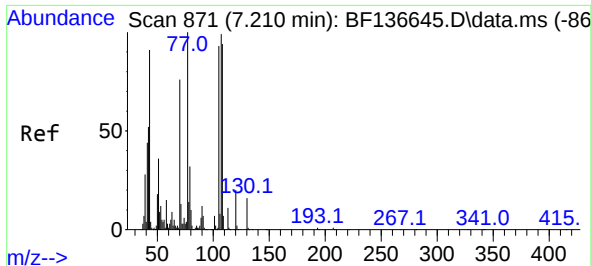


#18
Hexachloroethane
Concen: 38.084 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:117 Resp: 105103
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6
201 91.7 69.1 103.7





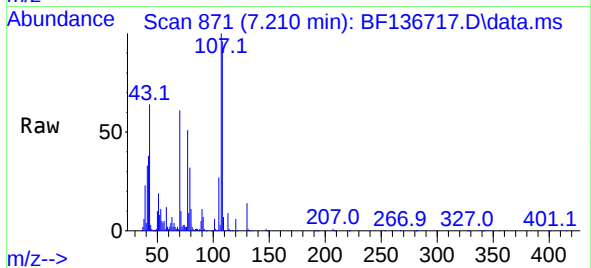
#19
n-Nitroso-di-n-propylamine
Concen: 39.190 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

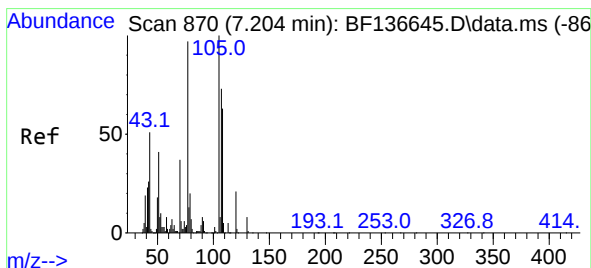
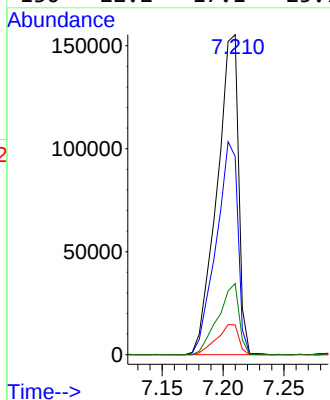
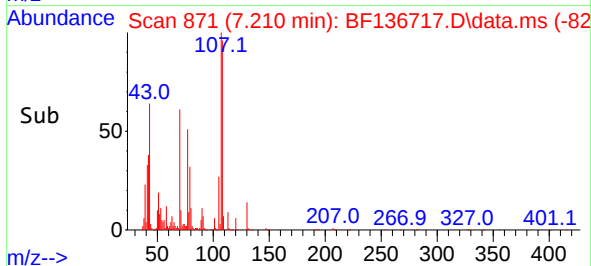


Tgt Ion: 70 Resp: 191772
Ion Ratio Lower Upper
70 100
42 61.9 54.2 81.4
101 9.3 7.6 11.4
130 22.2 17.1 25.7

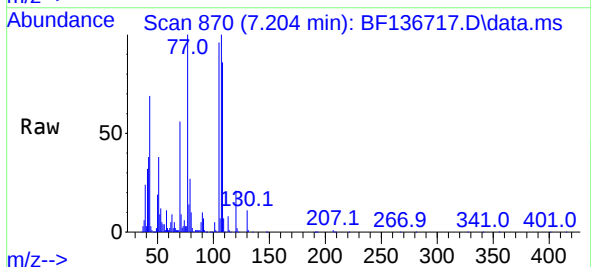
Manual Integrations

APPROVED

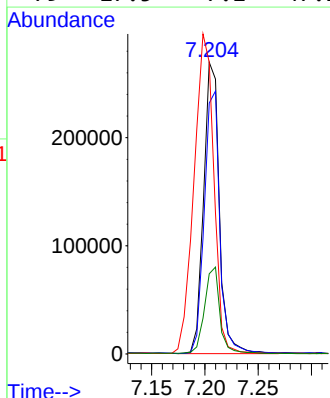
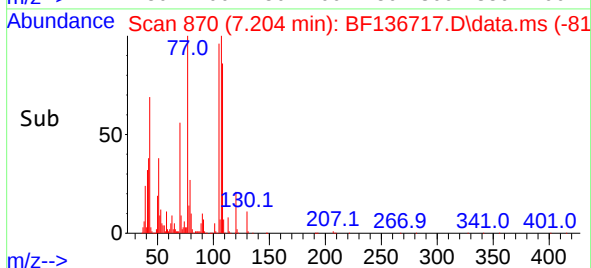
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

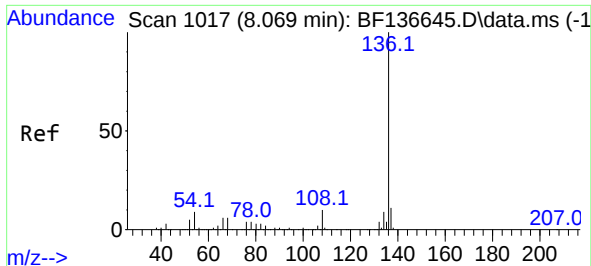


#20
3+4-Methylphenols
Concen: 39.324 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:107 Resp: 277468
Ion Ratio Lower Upper
107 100
108 86.0 66.0 106.0
77 100.0 114.2 154.2#
79 27.5 7.2 47.2





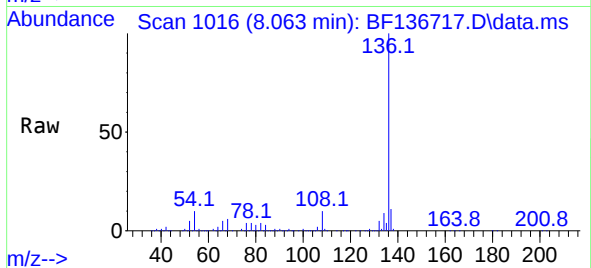
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

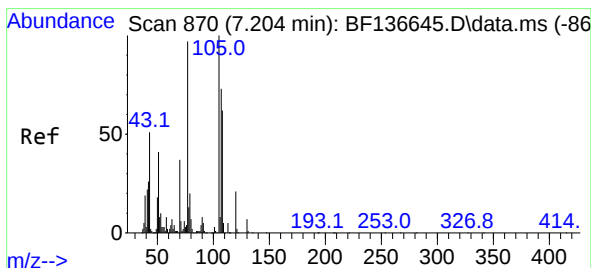
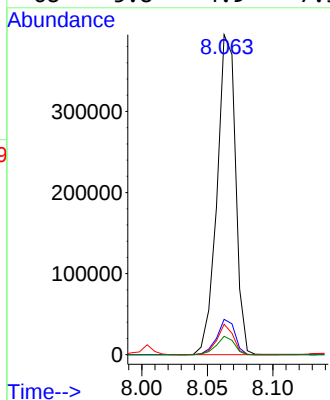
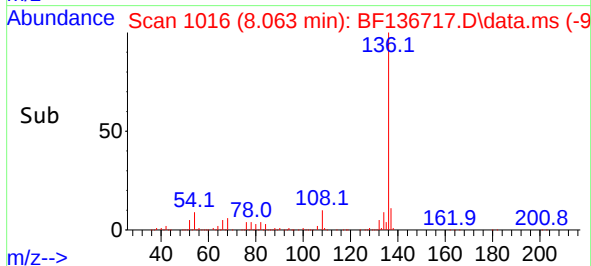


Tgt Ion:136 Resp: 387730
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.5 7.2 10.8
68 5.8 4.9 7.3

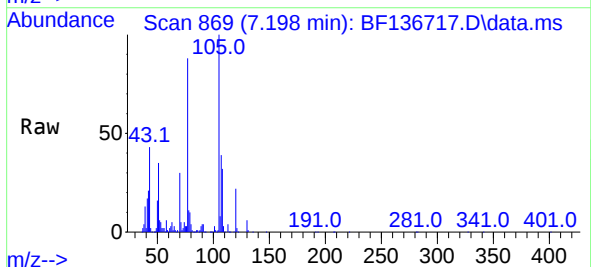
Manual Integrations

APPROVED

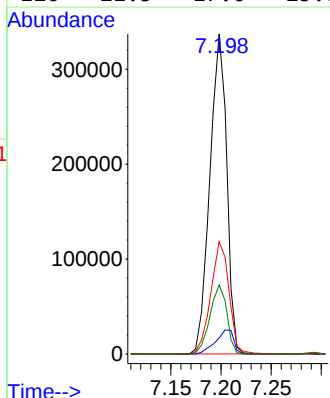
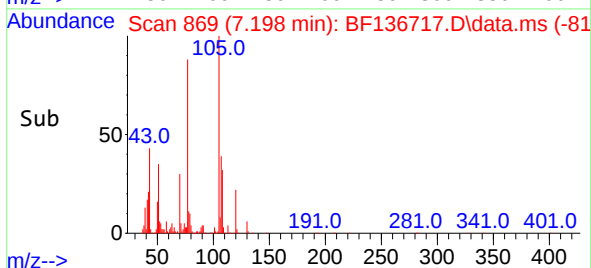
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

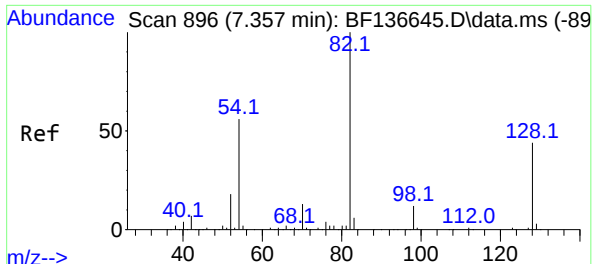


#22
Acetophenone
Concen: 40.571 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:105 Resp: 394291
Ion Ratio Lower Upper
105 100
71 5.0 4.8 7.2
51 35.1 32.8 49.2
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 74.844 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF136717.D

Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

Tgt Ion: 82 Resp: 567110

Ion Ratio Lower Upper

82 100

128 45.7 35.3 52.9

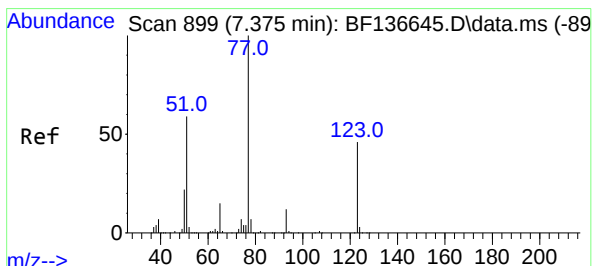
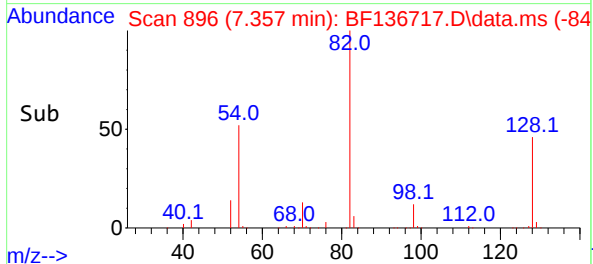
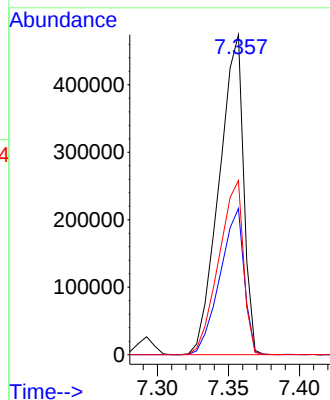
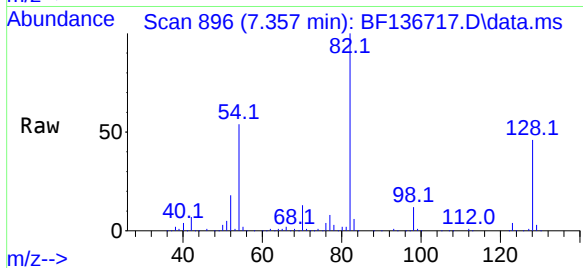
54 54.4 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#24

Nitrobenzene

Concen: 37.528 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136717.D

Acq: 26 Dec 2023 13:54

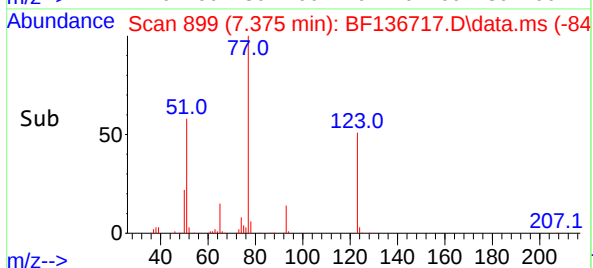
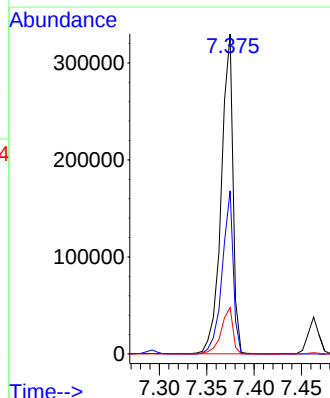
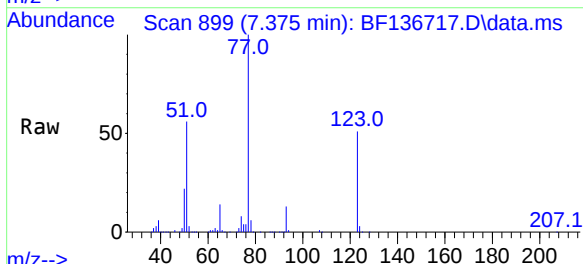
Tgt Ion: 77 Resp: 284854

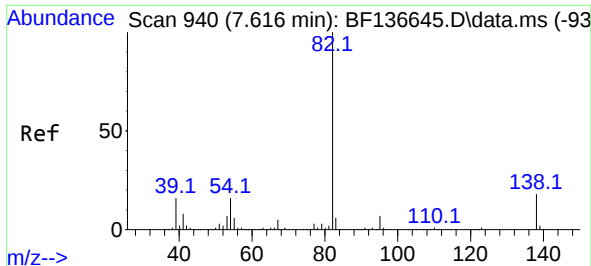
Ion Ratio Lower Upper

77 100

123 51.0 36.7 55.1

65 14.5 11.8 17.6





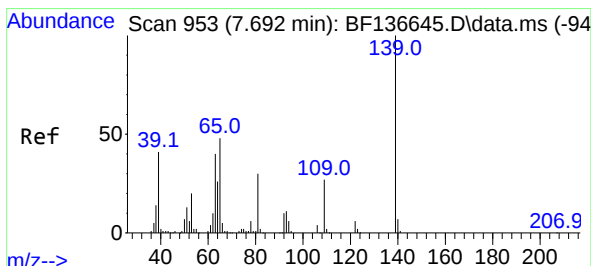
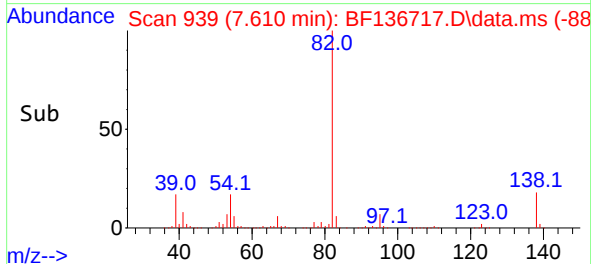
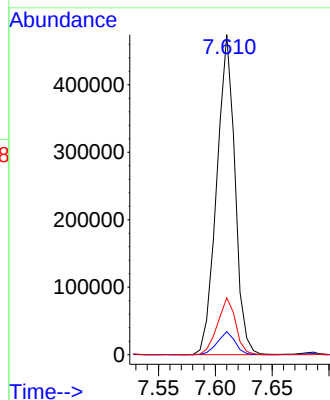
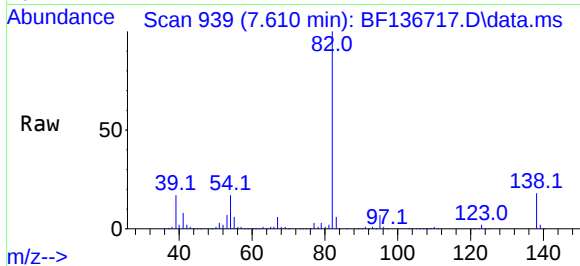
#25
Isophorone
Concen: 38.434 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB157810BS

Tgt Ion: 82 Resp: 529910
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.7 14.5 21.7

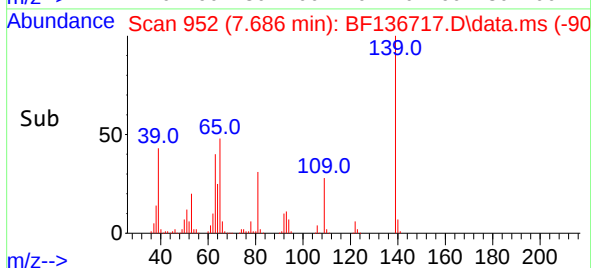
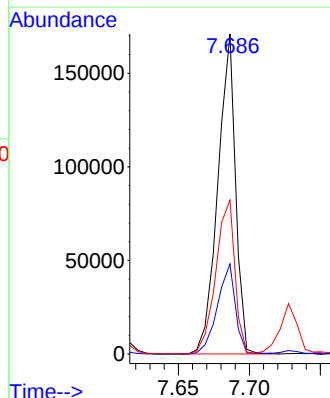
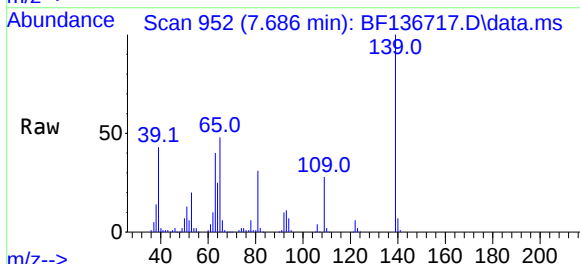
Manual Integrations
APPROVED

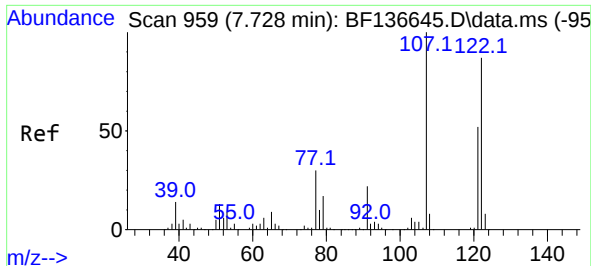
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#26
2-Nitrophenol
Concen: 40.915 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:139 Resp: 148588
Ion Ratio Lower Upper
139 100
109 28.2 21.9 32.9
65 48.1 38.6 58.0





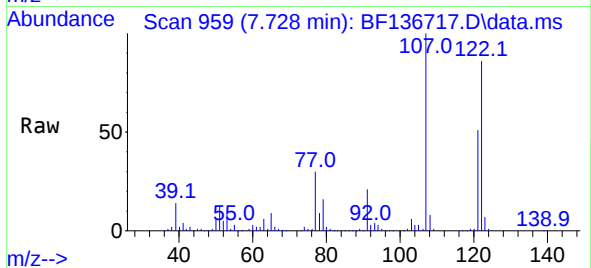
#27
2,4-Dimethylphenol
Concen: 54.461 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

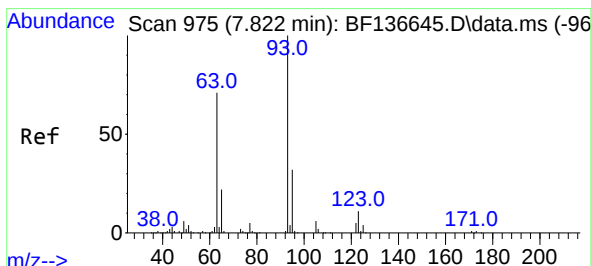
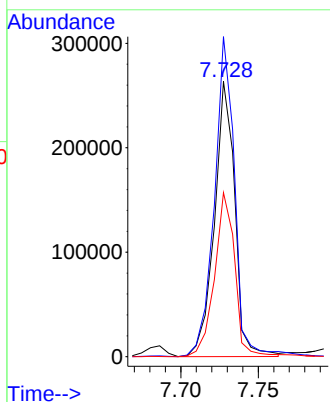
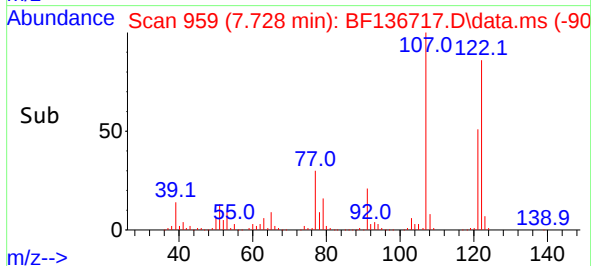


Tgt Ion:122 Resp: 240784
Ion Ratio Lower Upper
122 100
107 116.3 92.0 138.0
121 59.6 47.5 71.3

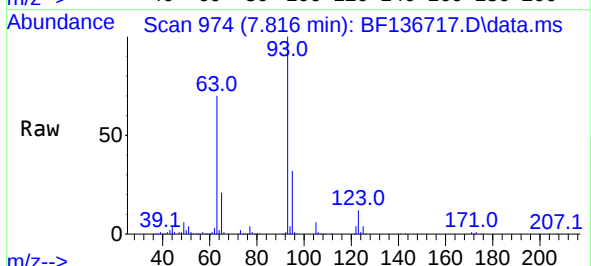
Manual Integrations

APPROVED

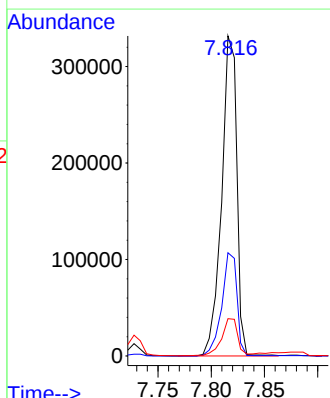
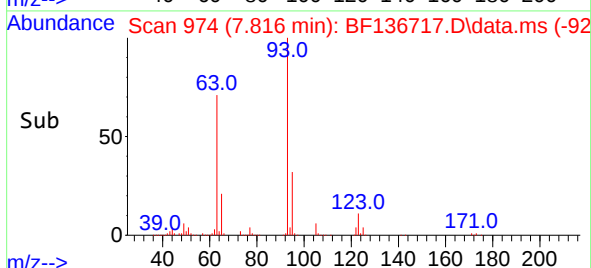
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

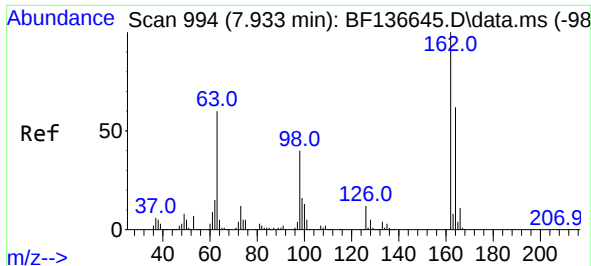


#28
bis(2-Chloroethoxy)methane
Concen: 39.151 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion: 93 Resp: 328113
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.7 9.2 13.8





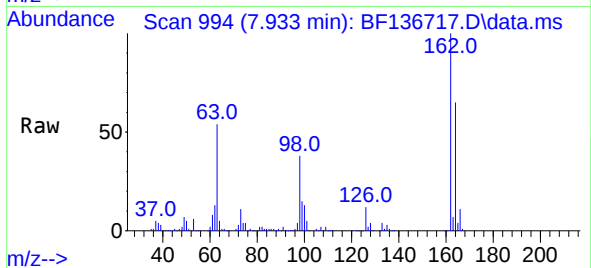
#29
2,4-Dichlorophenol
Concen: 39.506 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

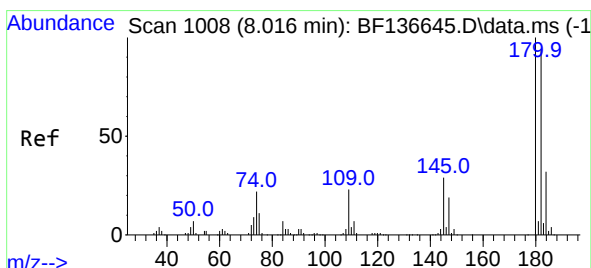
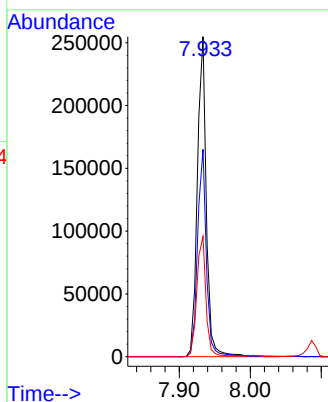
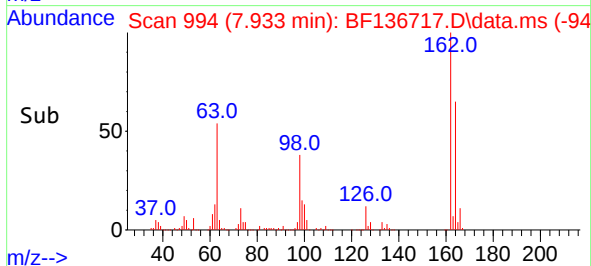
PB157810BS



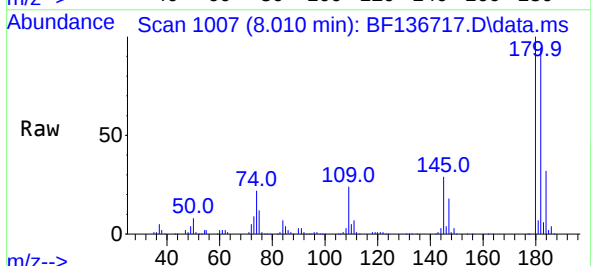
Tgt Ion:162 Resp: 22486
Ion Ratio Lower Upper
162 100
164 64.8 41.7 81.7
98 37.6 19.5 59.5

Manual Integrations
APPROVED

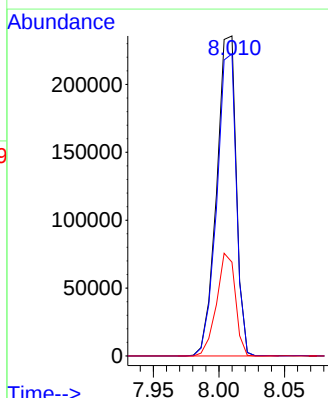
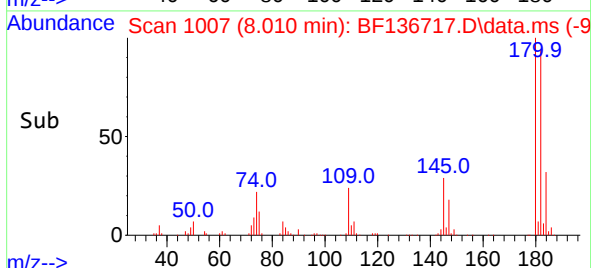
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

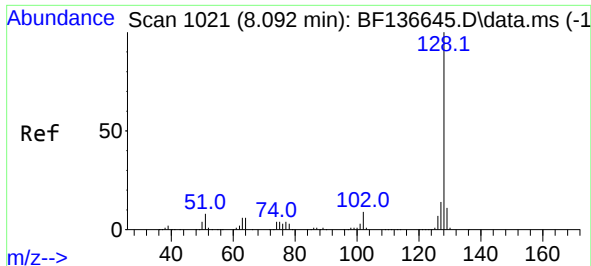


#30
1,2,4-Trichlorobenzene
Concen: 38.571 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:180 Resp: 244613
Ion Ratio Lower Upper
180 100
182 94.4 75.4 113.0
145 29.3 23.1 34.7





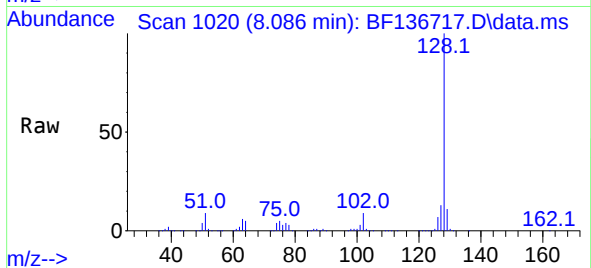
#31
Naphthalene
Concen: 37.902 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

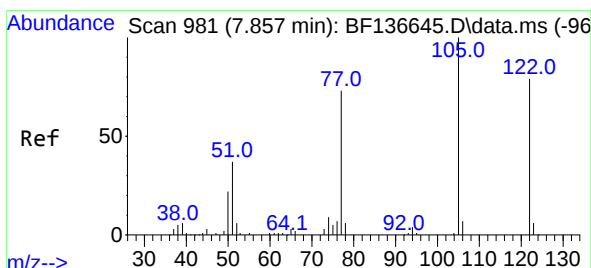
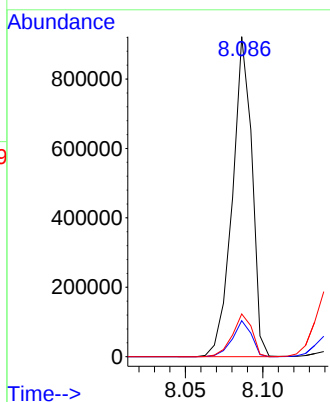
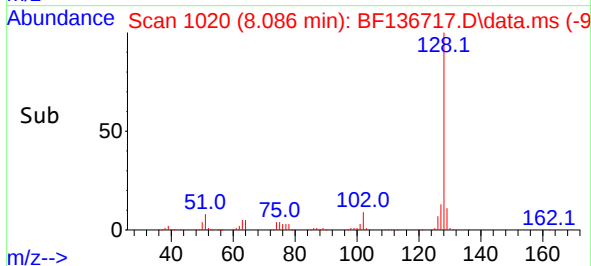


Tgt Ion:128 Resp: 807360
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.8 16.2

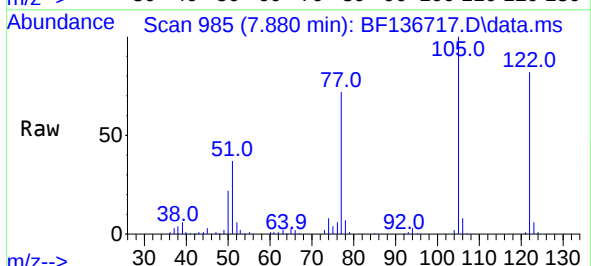
Manual Integrations

APPROVED

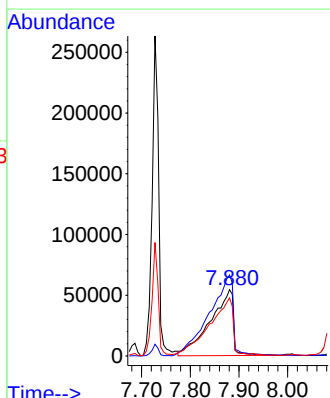
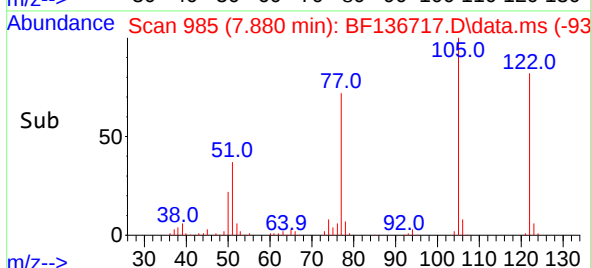
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

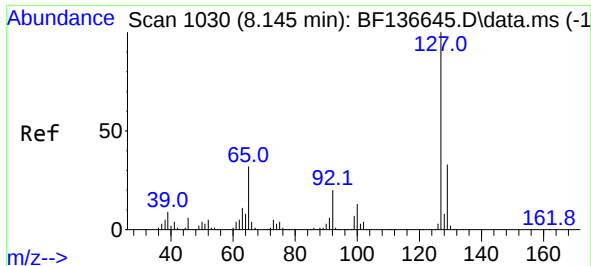


#32
Benzoic acid
Concen: 42.366 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:122 Resp: 181237
Ion Ratio Lower Upper
122 100
105 122.0 100.8 140.8
77 87.7 70.9 110.9





#33
4-Chloroaniline
Concen: 24.944 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

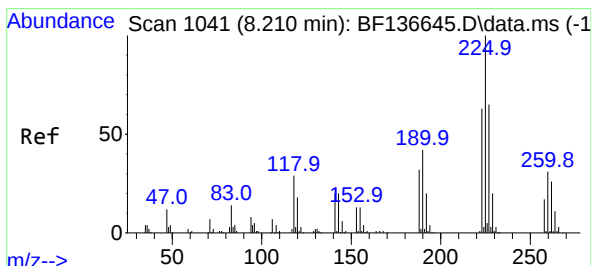
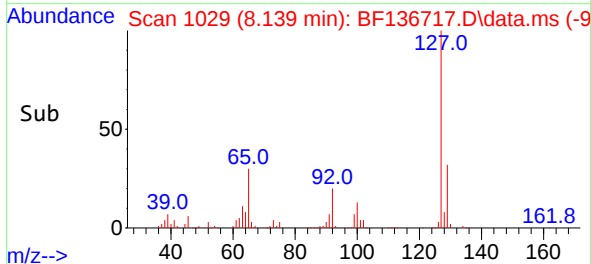
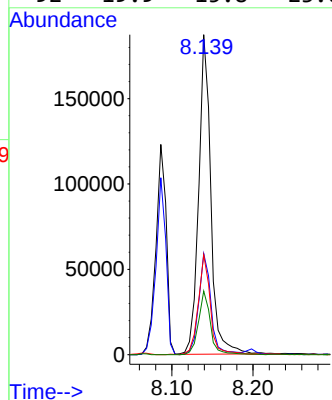
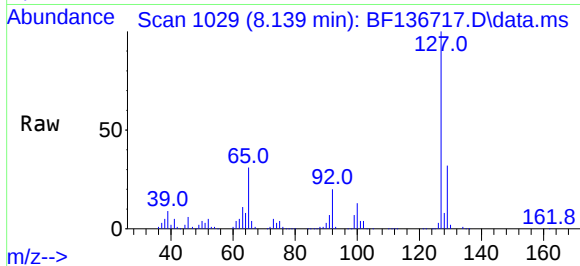
PB157810BS

Tgt Ion:127 Resp: 196179
Ion Ratio Lower Upper
127 100
129 31.6 26.3 39.5
65 31.2 25.8 38.8
92 19.9 15.8 23.6

Manual Integrations

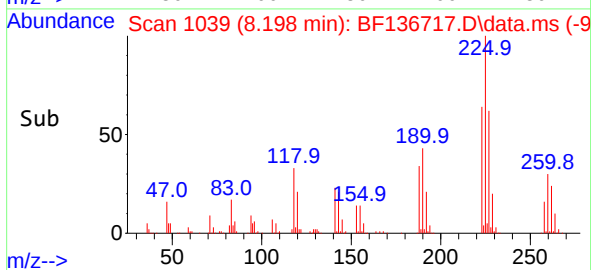
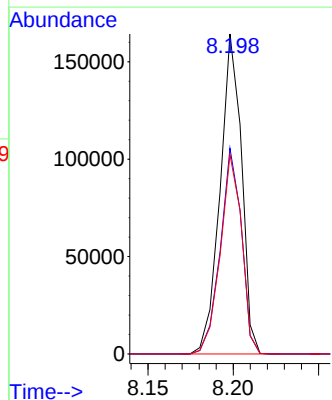
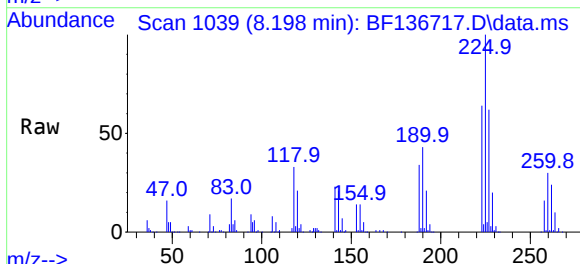
APPROVED

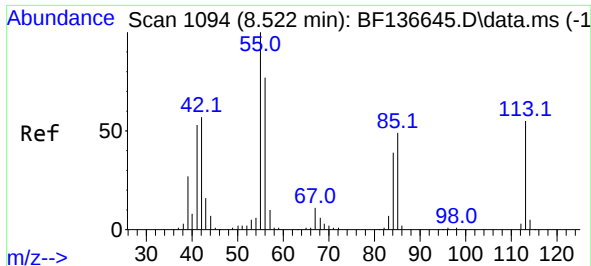
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#34
Hexachlorobutadiene
Concen: 37.226 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:225 Resp: 143437
Ion Ratio Lower Upper
225 100
223 64.3 50.6 76.0
227 62.2 51.9 77.9





#35
Caprolactam
Concen: 40.799 ng m
RT: 8.522 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

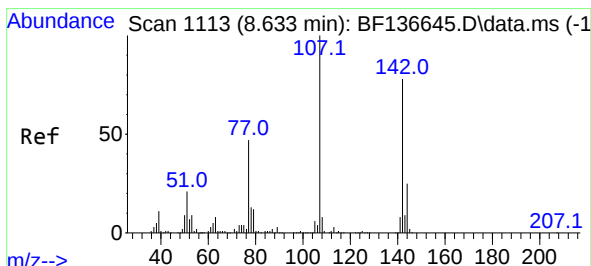
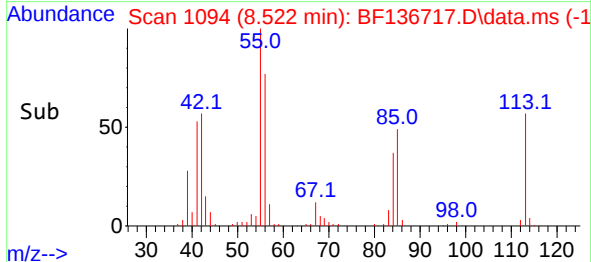
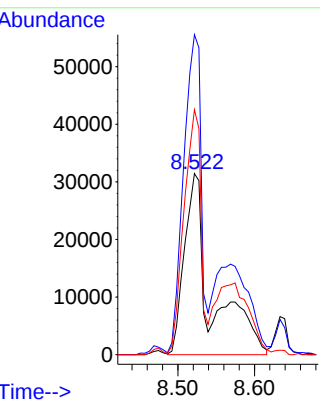
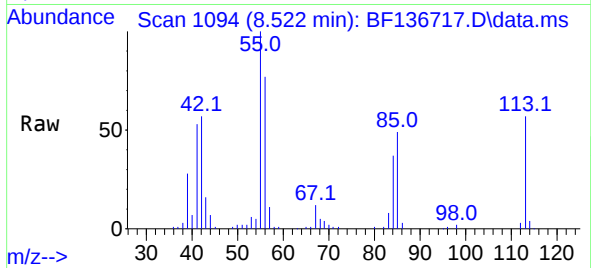
PB157810BS

Tgt Ion:113 Resp: 76610
Ion Ratio Lower Upper
113 100
55 176.7 163.1 203.1
56 135.2 121.7 161.7

Manual Integrations

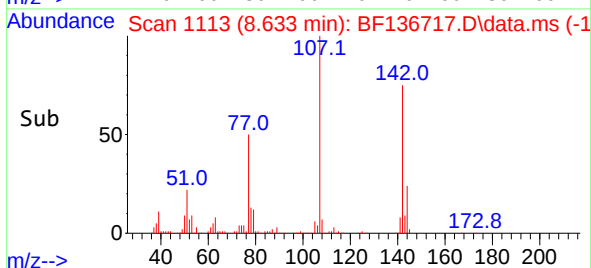
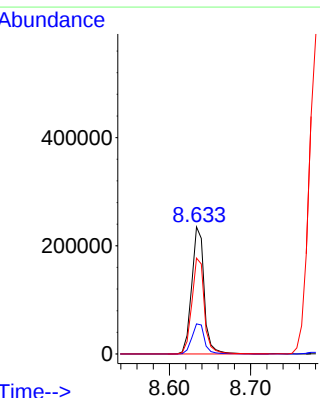
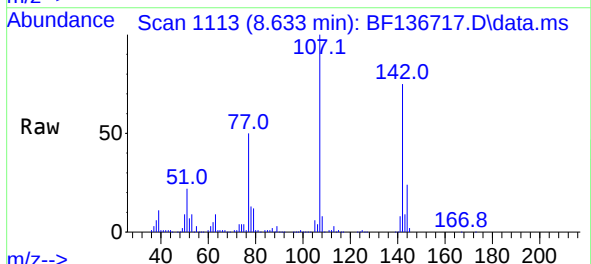
APPROVED

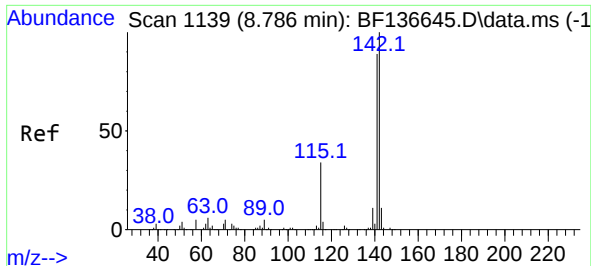
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#36
4-Chloro-3-methylphenol
Concen: 38.978 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:107 Resp: 249765
Ion Ratio Lower Upper
107 100
144 23.7 20.2 30.2
142 75.4 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.681 ng

RT: 8.780 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136717.D

Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

Tgt Ion:142 Resp: 51656

Ion Ratio Lower Upper

142 100

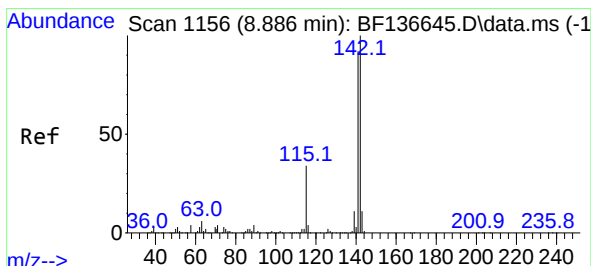
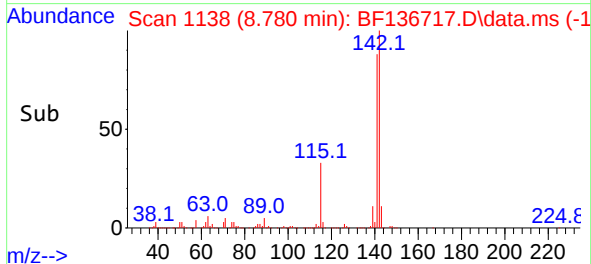
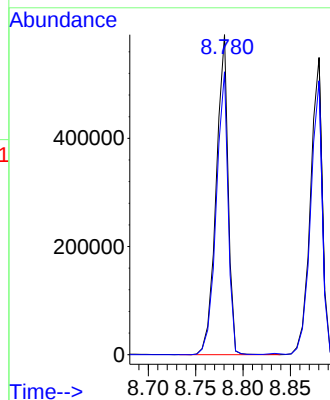
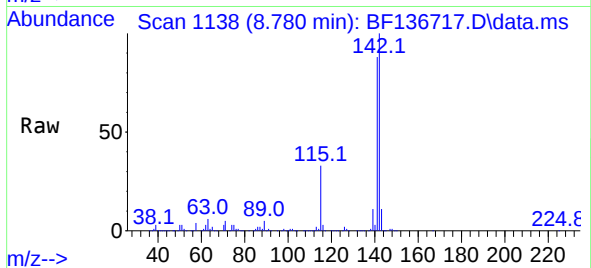
141 88.4 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#38

1-Methylnaphthalene

Concen: 35.688 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136717.D

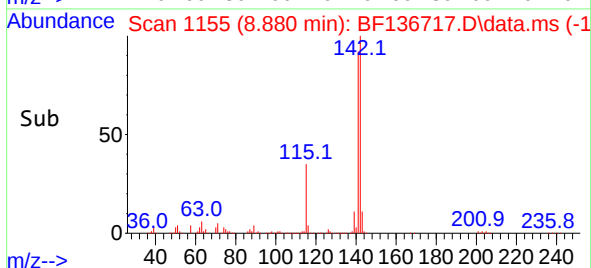
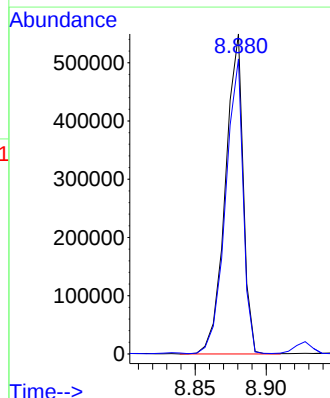
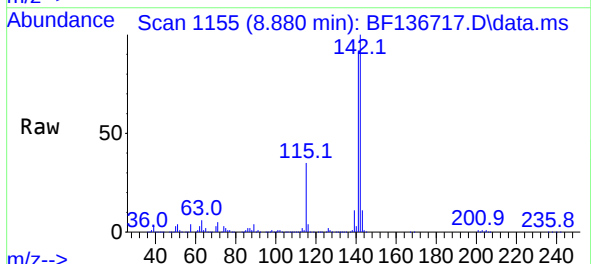
Acq: 26 Dec 2023 13:54

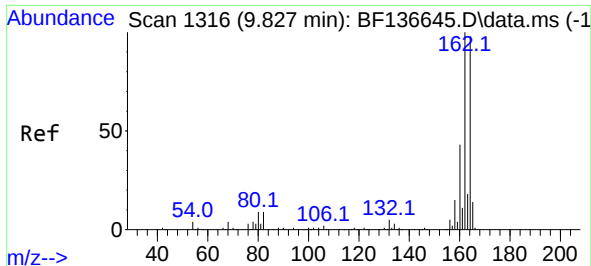
Tgt Ion:142 Resp: 479982

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4





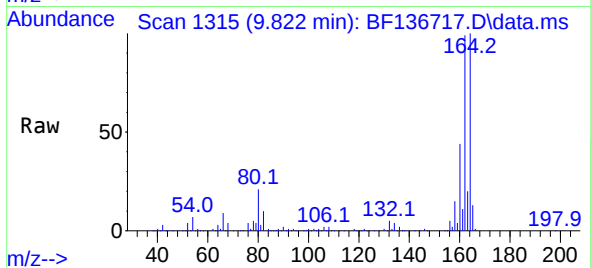
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

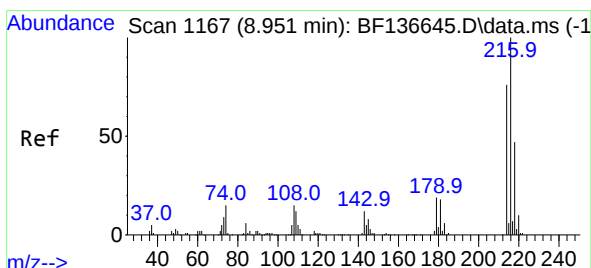
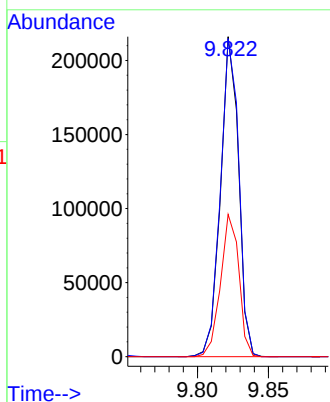
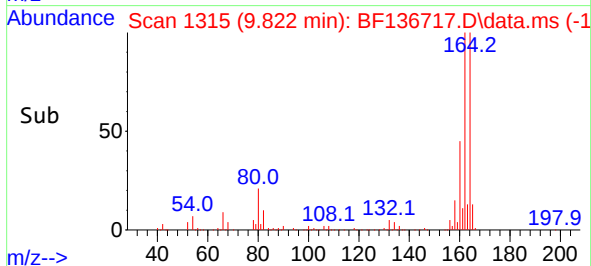


Tgt Ion:164 Resp: 190231
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 44.5 34.9 52.3

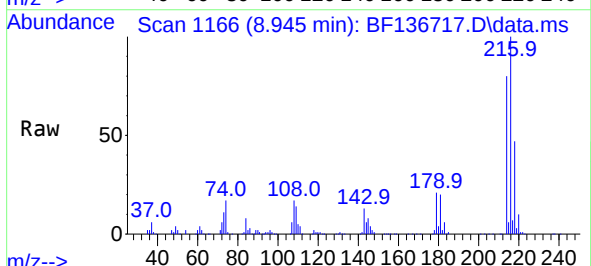
Manual Integrations

APPROVED

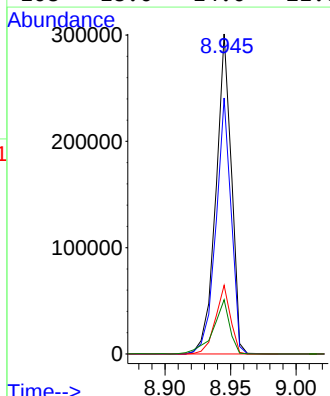
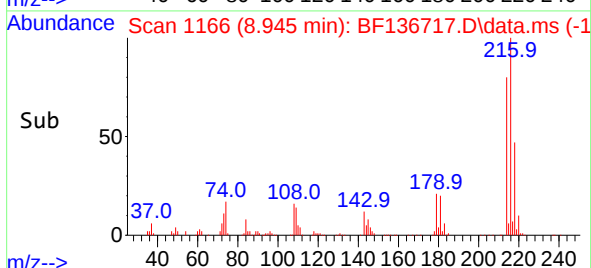
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

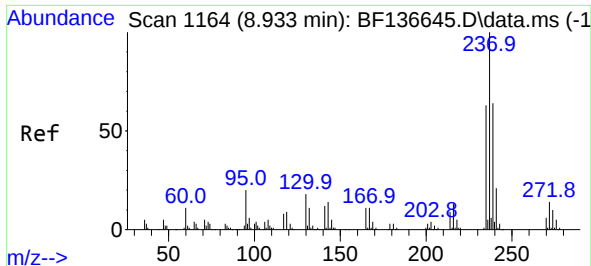


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.785 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:216 Resp: 246168
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 20.7 16.4 24.6
108 18.0 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 79.142 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

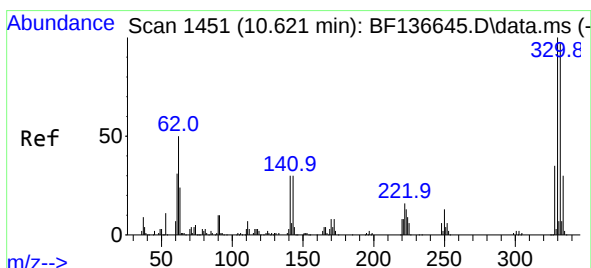
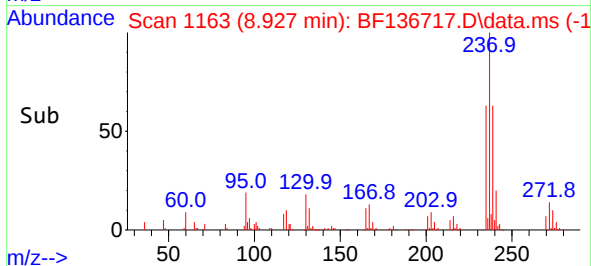
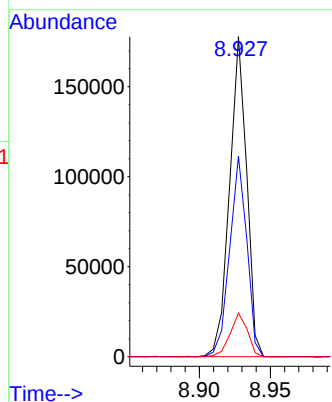
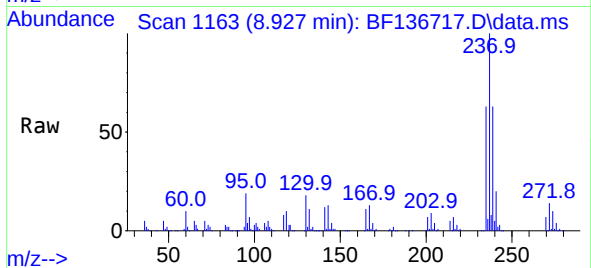
PB157810BS

Tgt Ion:237 Resp: 14855
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 13.6 0.0 34.2

Manual Integrations

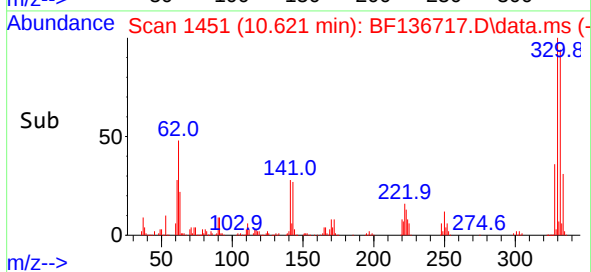
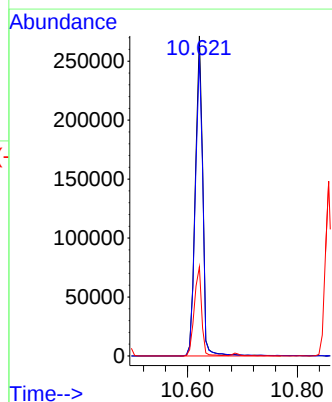
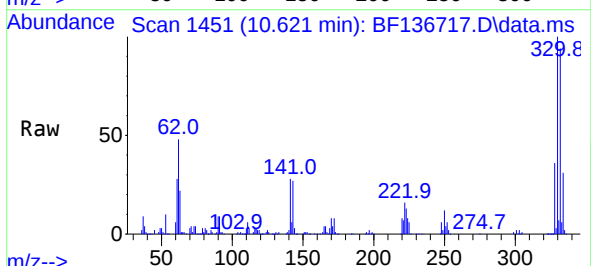
APPROVED

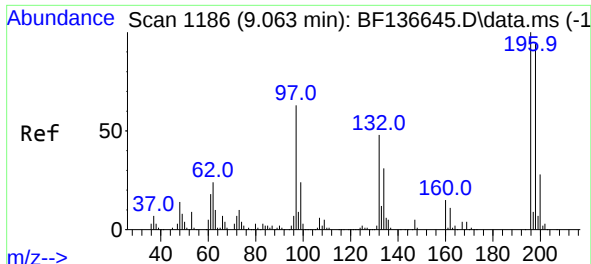
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#42
2,4,6-Tribromophenol
Concen: 112.446 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:330 Resp: 251924
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 27.7 23.4 35.2





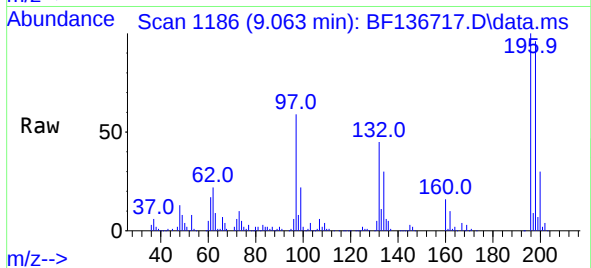
#43
2,4,6-Trichlorophenol
Concen: 41.705 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

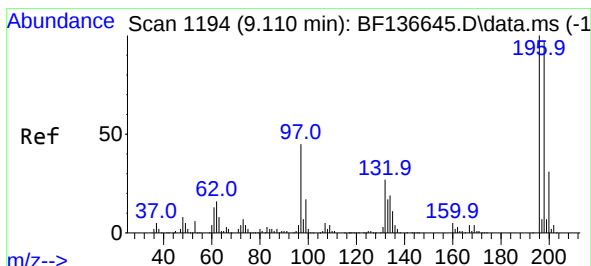
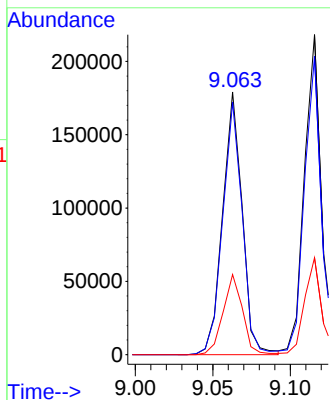


Tgt Ion:196 Resp: 157572
Ion Ratio Lower Upper
196 100
198 96.1 75.1 112.7
200 30.5 22.5 33.7

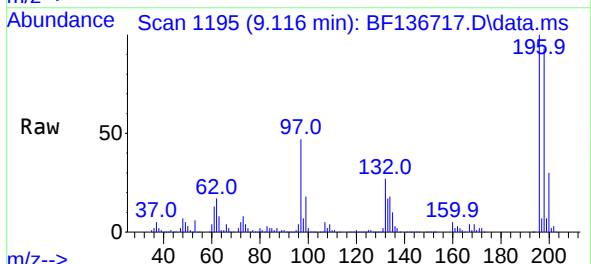
Manual Integrations

APPROVED

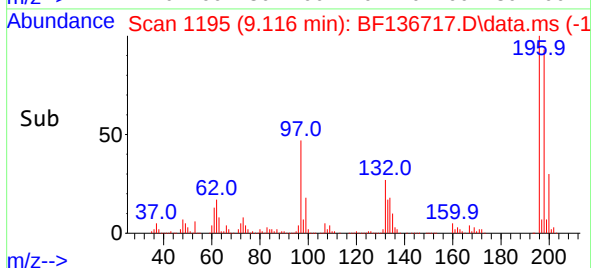
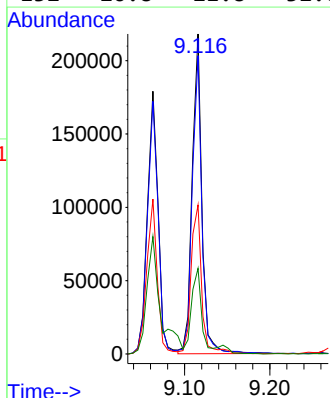
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

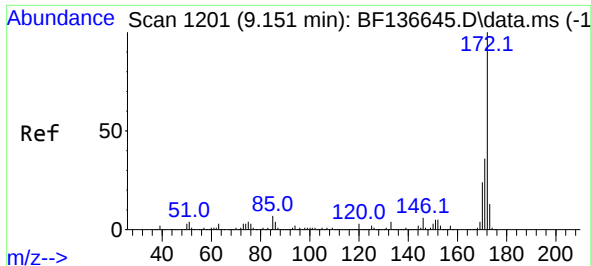


#44
2,4,5-Trichlorophenol
Concen: 40.952 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:196 Resp: 172422
Ion Ratio Lower Upper
196 100
198 93.3 77.0 115.6
97 46.6 36.1 54.1
132 26.8 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 77.335 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

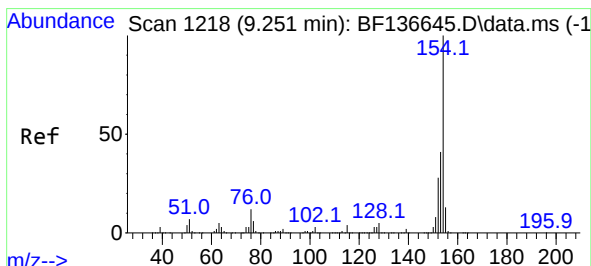
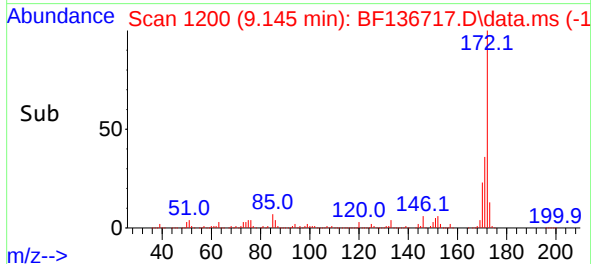
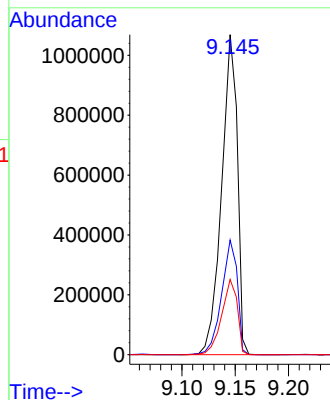
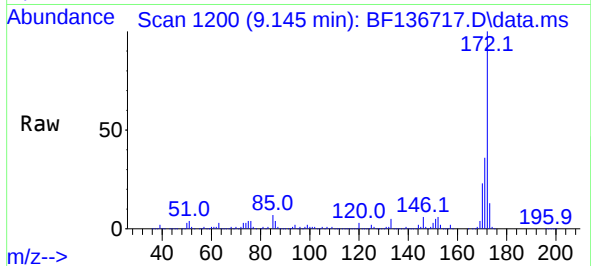
PB157810BS

Tgt Ion:172 Resp: 1093798
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.5 19.0 28.4

Manual Integrations

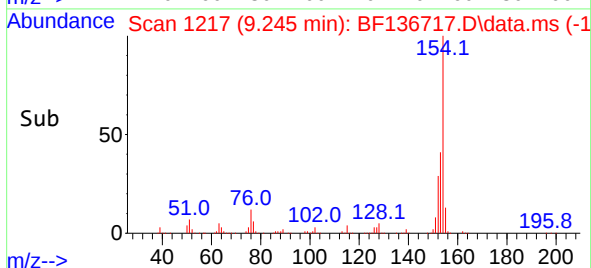
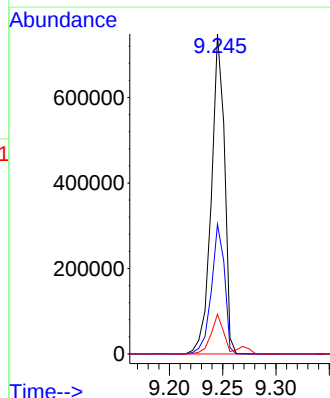
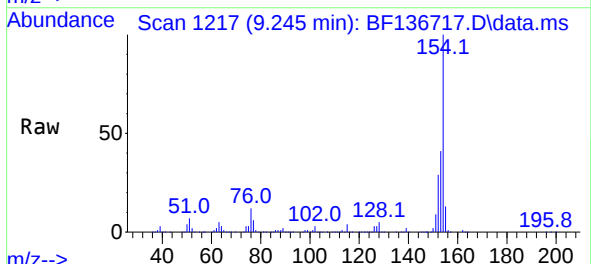
APPROVED

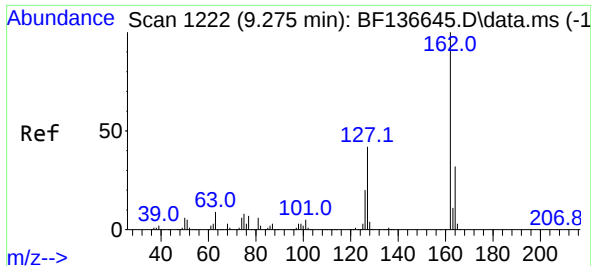
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#46
1,1'-Biphenyl
Concen: 40.427 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:154 Resp: 645354
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 12.4 0.0 31.7





#47
2-Chloronaphthalene
Concen: 39.629 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

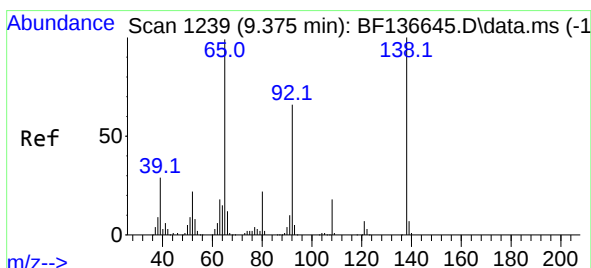
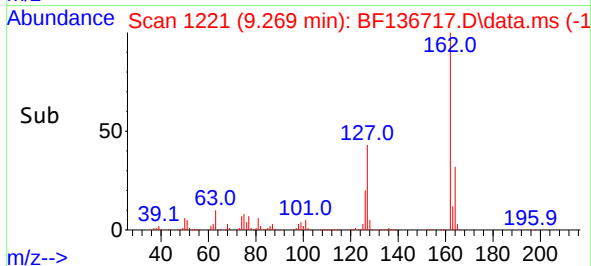
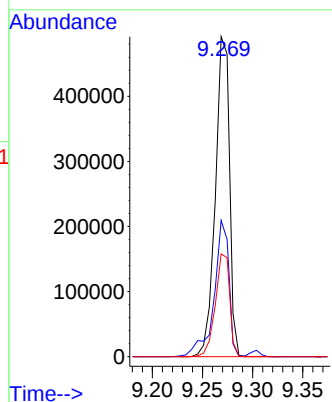
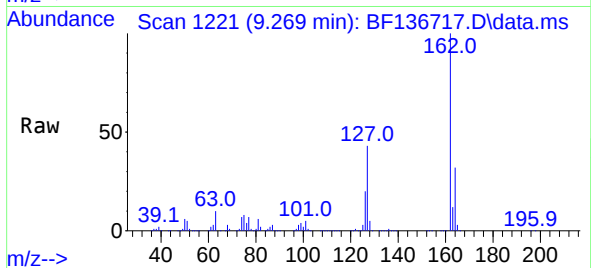
ClientSampleId :

PB157810BS

Tgt Ion:162 Resp: 48092
Ion Ratio Lower Upper
162 100
127 42.5 33.6 50.4
164 32.1 25.7 38.5

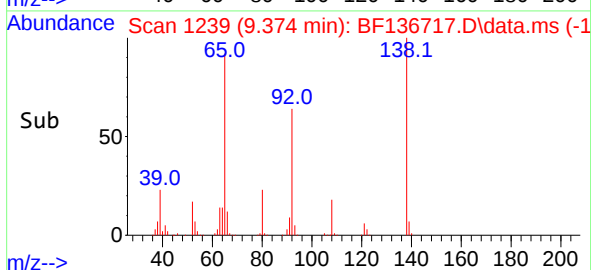
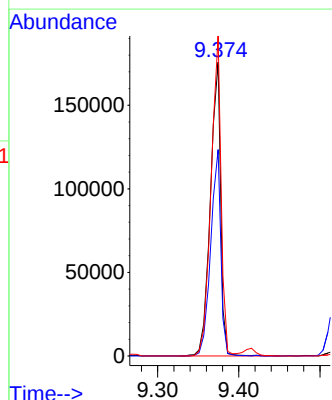
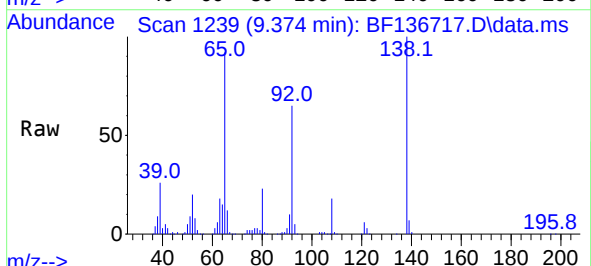
Manual Integrations
APPROVED

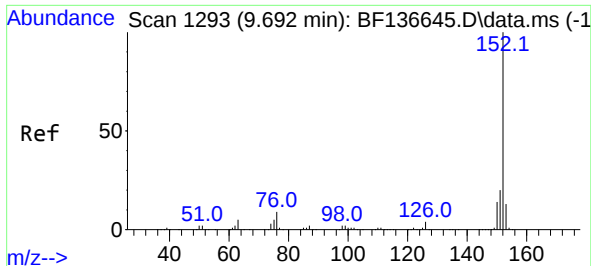
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#48
2-Nitroaniline
Concen: 40.609 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion: 65 Resp: 154325
Ion Ratio Lower Upper
65 100
92 70.3 53.2 79.8
138 108.9 81.1 121.7





#49
Acenaphthylene
Concen: 40.106 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

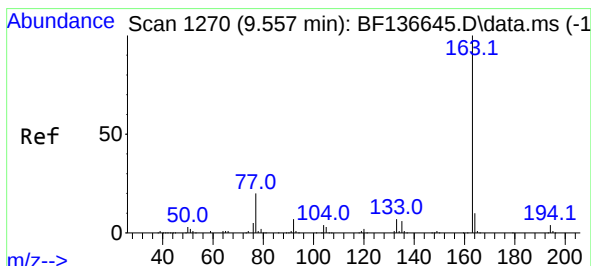
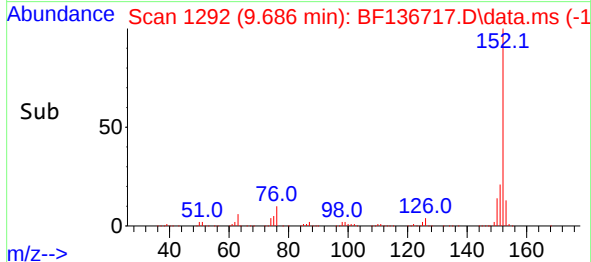
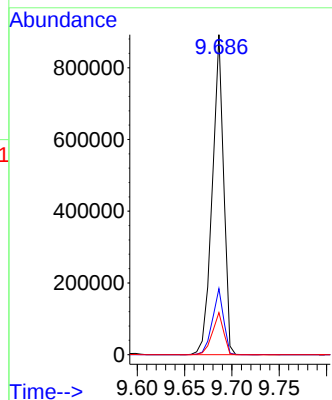
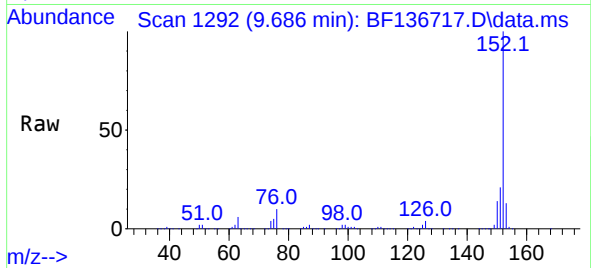
PB157810BS

Tgt Ion:152 Resp: 743929
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.2 10.2 15.2

Manual Integrations

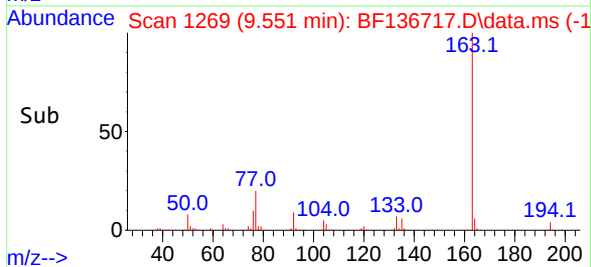
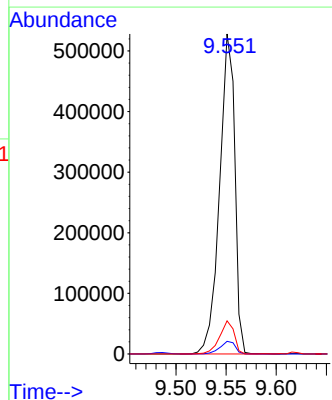
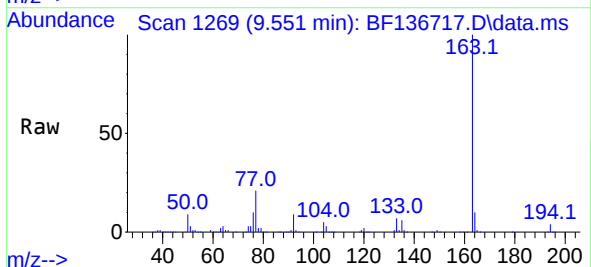
APPROVED

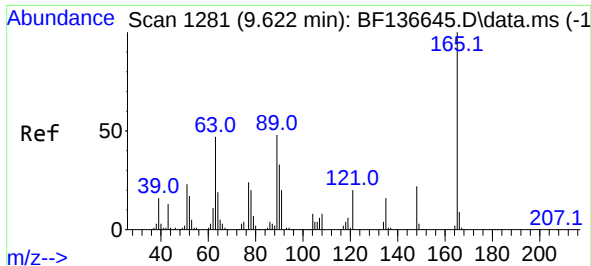
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#50
Dimethylphthalate
Concen: 40.049 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:163 Resp: 556472
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 7.8 11.6





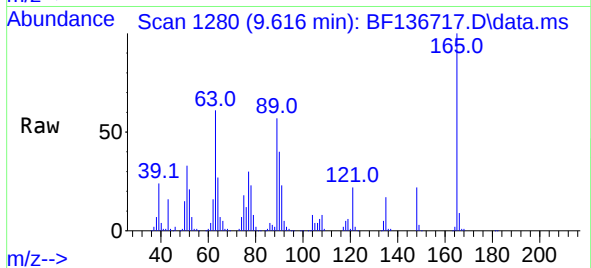
#51
2,6-Dinitrotoluene
Concen: 39.348 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

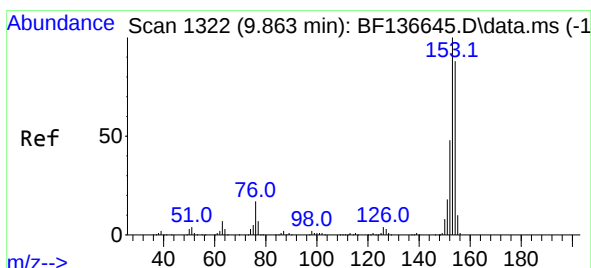
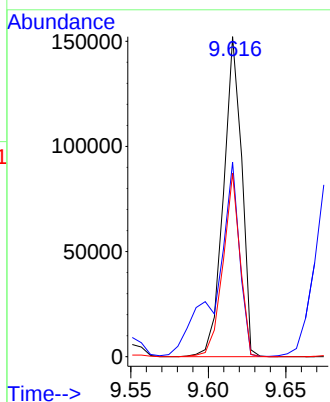
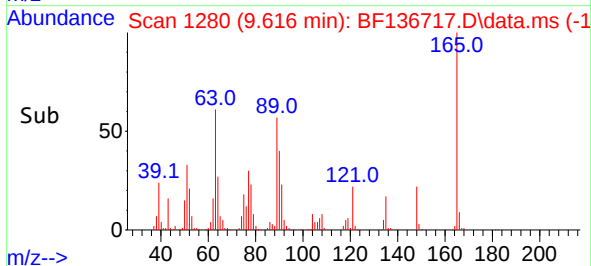


Tgt Ion:165 Resp: 124082
Ion Ratio Lower Upper
165 100
63 60.8 39.8 59.6
89 57.4 38.8 58.2

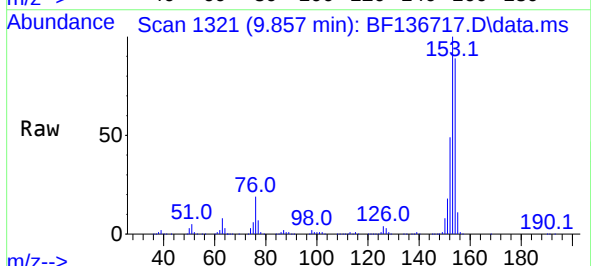
Manual Integrations

APPROVED

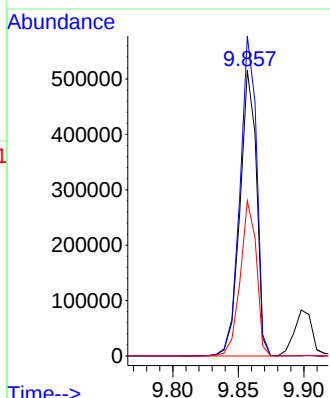
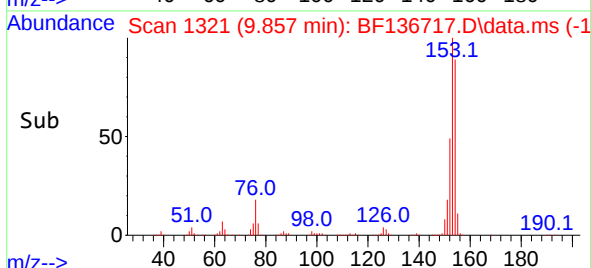
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

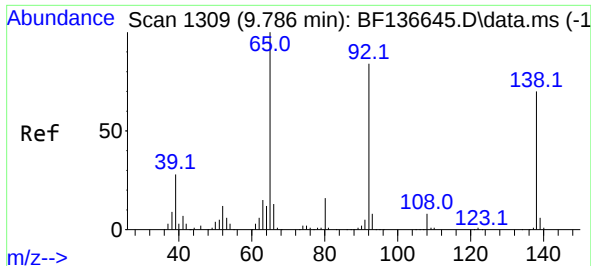


#52
Acenaphthene
Concen: 39.441 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:154 Resp: 453495
Ion Ratio Lower Upper
154 100
153 112.1 90.7 136.1
152 54.4 43.7 65.5





#53
3-Nitroaniline
Concen: 31.656 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

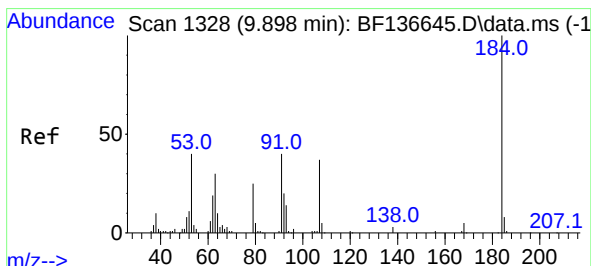
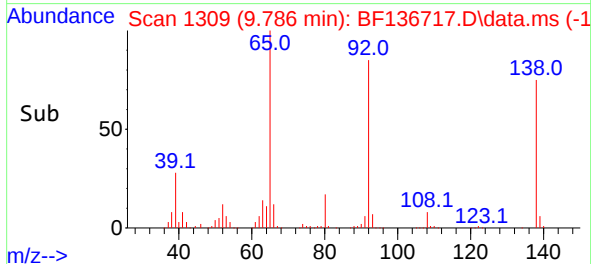
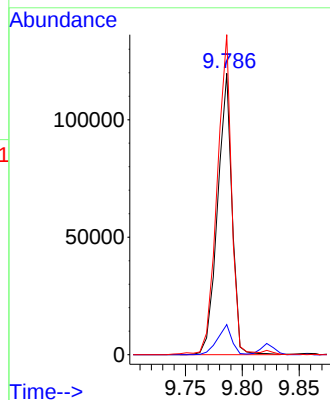
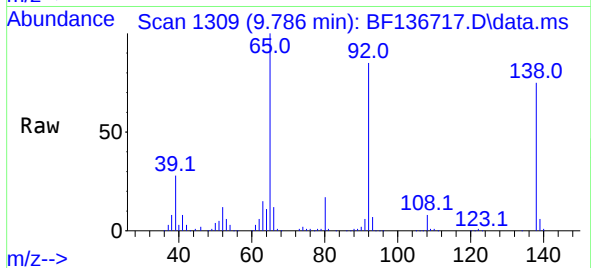
PB157810BS

Tgt Ion:138 Resp: 10574
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 113.8 95.2 142.8

Manual Integrations

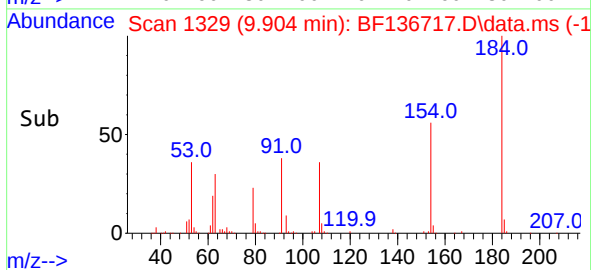
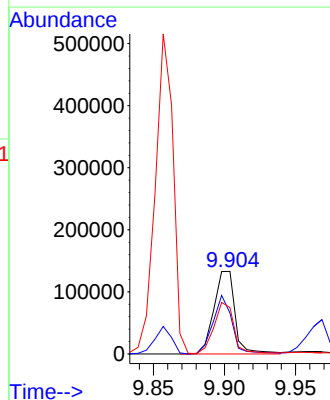
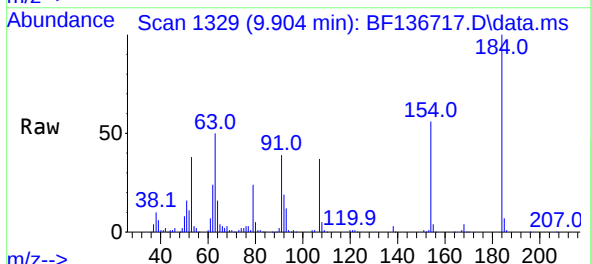
APPROVED

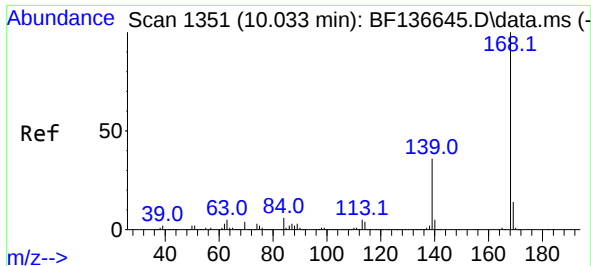
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#54
2,4-Dinitrophenol
Concen: 79.121 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:184 Resp: 138206
Ion Ratio Lower Upper
184 100
63 49.6 40.9 61.3
154 56.3 42.7 64.1





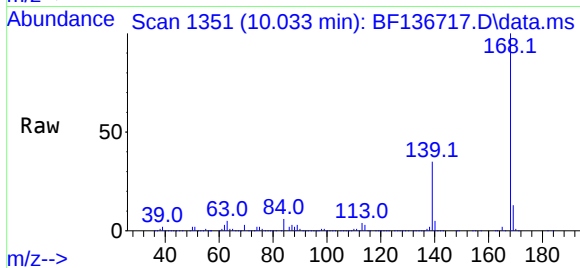
#55
Dibenzenofuran
Concen: 38.571 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

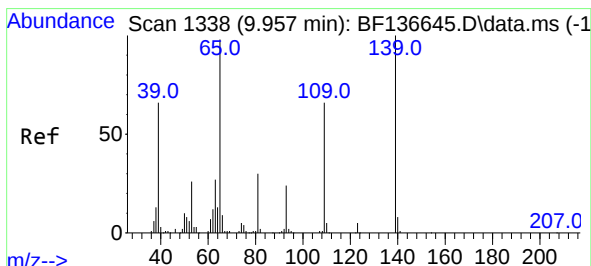
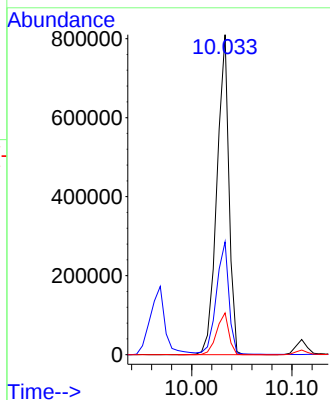
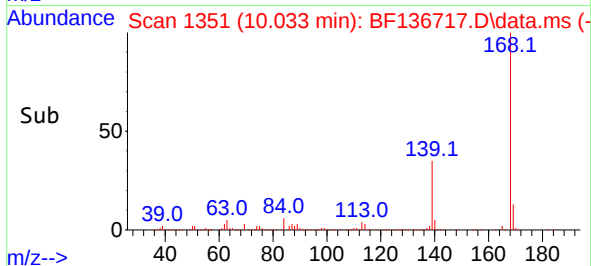


Tgt Ion:168 Resp: 672275
Ion Ratio Lower Upper
168 100
139 35.3 29.3 43.9
169 13.0 11.0 16.4

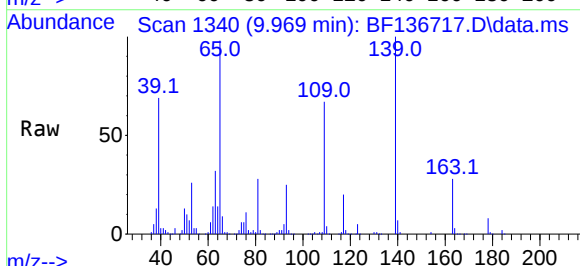
Manual Integrations

APPROVED

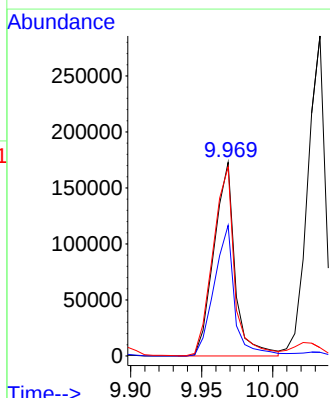
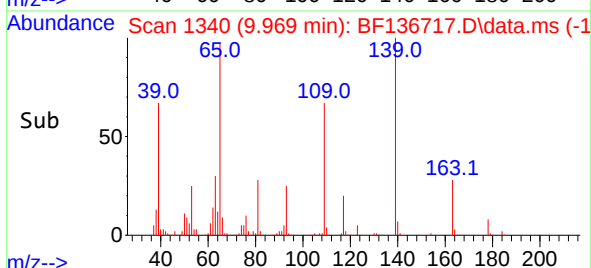
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

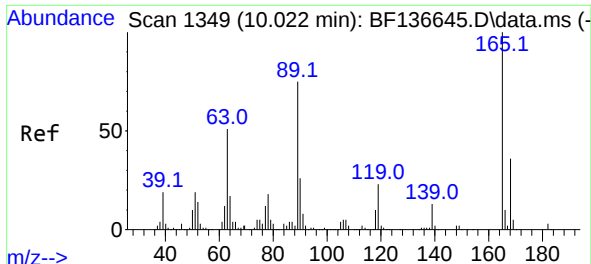


#56
4-Nitrophenol
Concen: 79.220 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:139 Resp: 178646
Ion Ratio Lower Upper
139 100
109 67.4 45.8 85.8
65 97.6 77.8 117.8





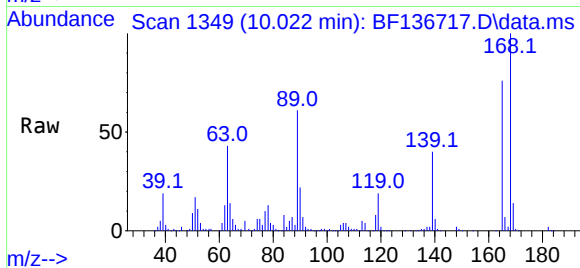
#57
2,4-Dinitrotoluene
Concen: 38.356 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

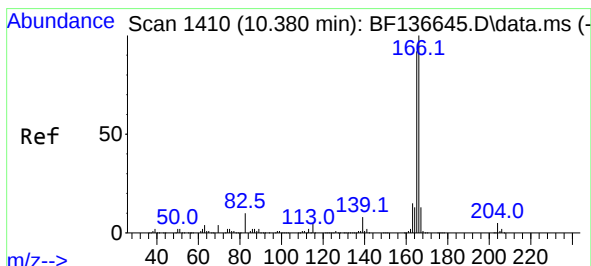
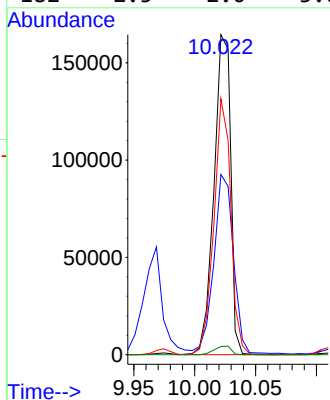
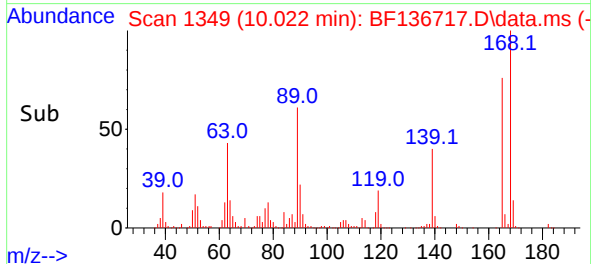


Tgt Ion:165 Resp: 157023
Ion Ratio Lower Upper
165 100
63 56.3 41.0 61.6
89 80.0 59.9 89.9
182 2.5 2.0 3.0

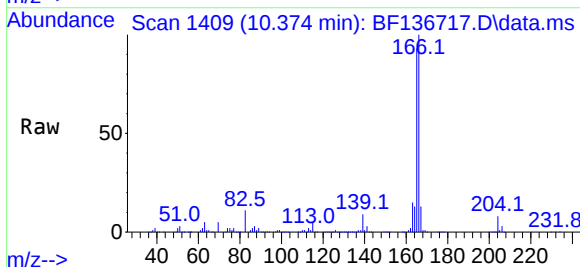
Manual Integrations

APPROVED

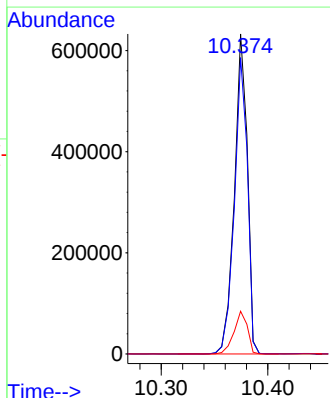
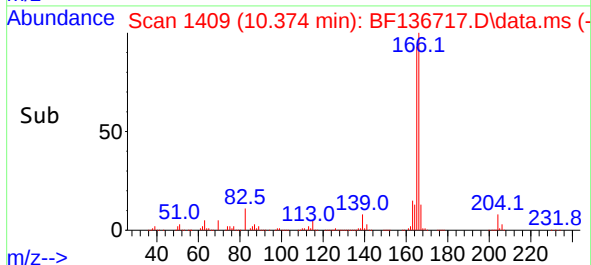
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

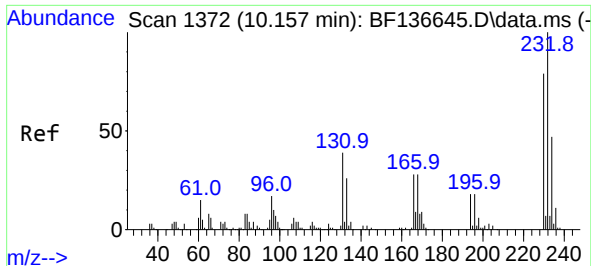


#58
Fluorene
Concen: 38.689 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:166 Resp: 535056
Ion Ratio Lower Upper
166 100
165 92.6 73.7 110.5
167 13.4 10.4 15.6





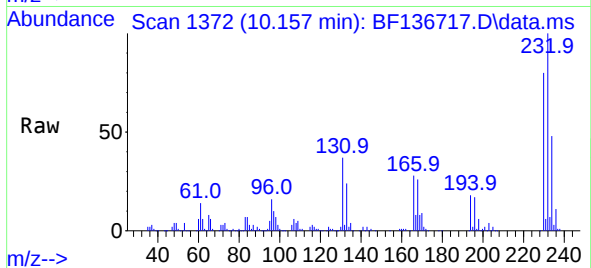
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.987 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

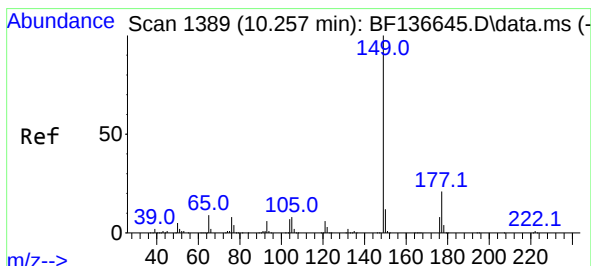
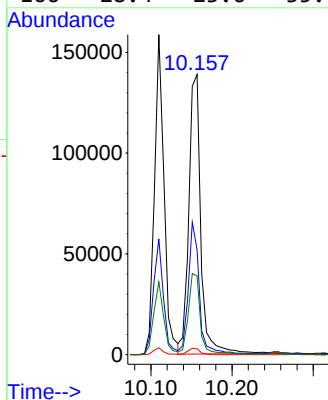
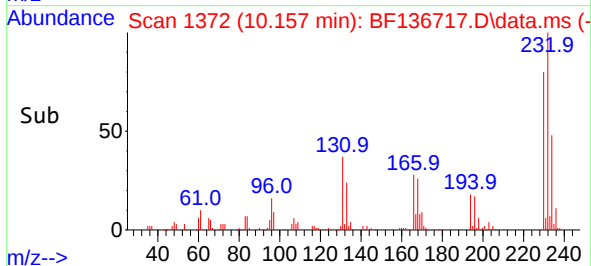


Tgt Ion:232 Resp: 142564
Ion Ratio Lower Upper
232 100
131 42.8 35.1 52.7
130 2.3 1.6 2.4
166 28.4 23.6 35.4

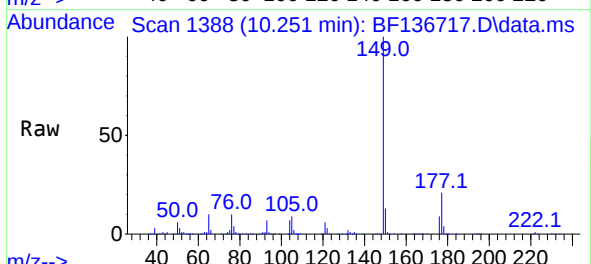
Manual Integrations

APPROVED

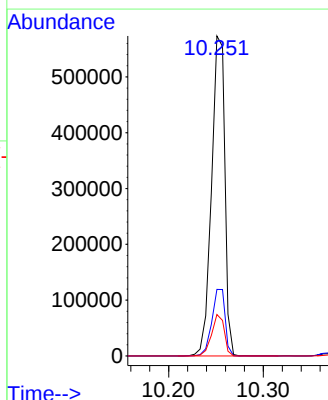
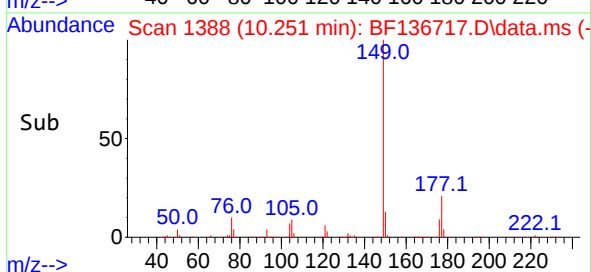
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

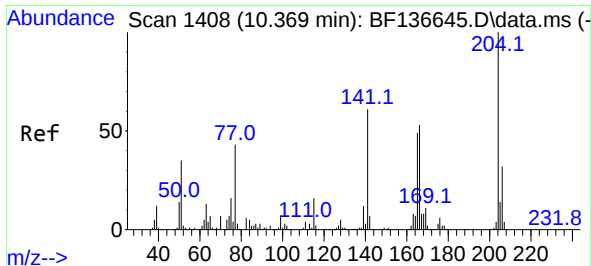


#60
Diethylphthalate
Concen: 38.876 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:149 Resp: 560475
Ion Ratio Lower Upper
149 100
177 20.8 16.9 25.3
150 13.0 9.3 13.9





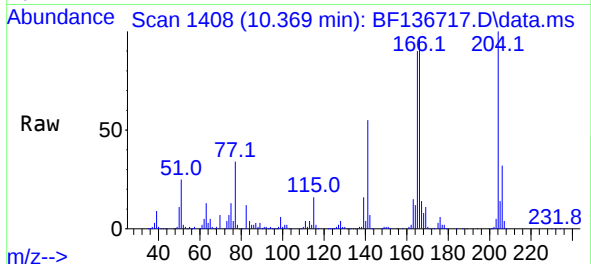
#61
4-Chlorophenyl-phenylether
Concen: 37.912 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

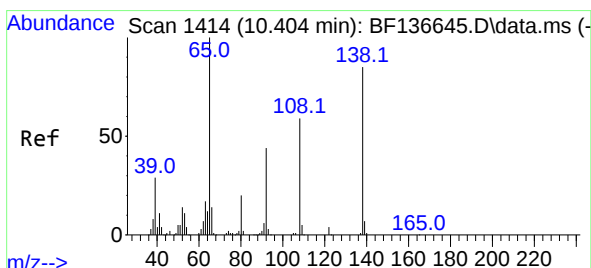
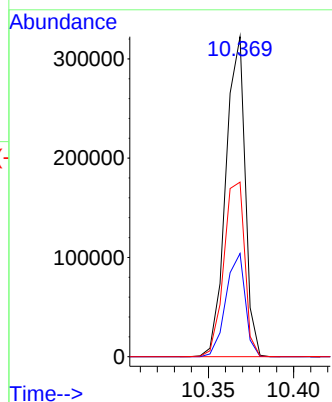
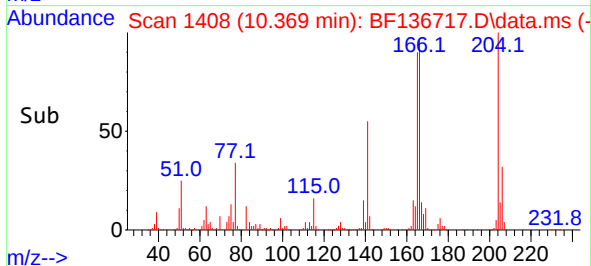


Tgt Ion:204 Resp: 25485
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 54.6 48.4 72.6

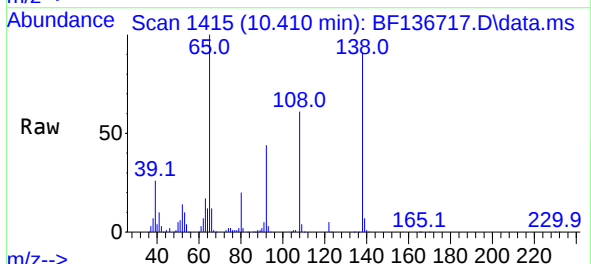
Manual Integrations

APPROVED

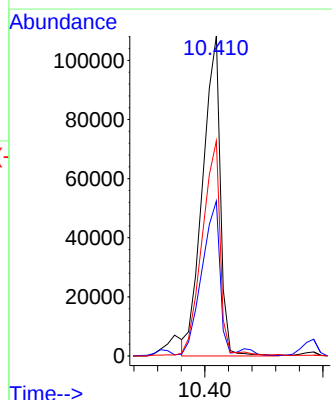
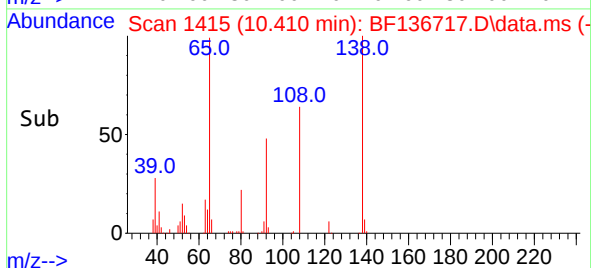
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

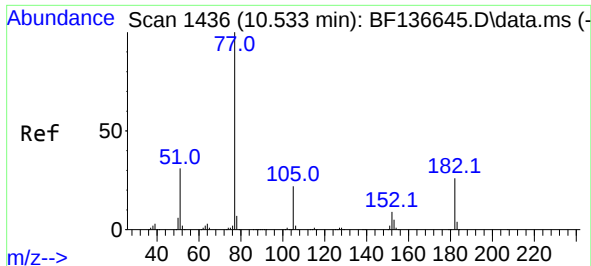


#62
4-Nitroaniline
Concen: 35.087 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:138 Resp: 112993
Ion Ratio Lower Upper
138 100
92 48.4 32.1 72.1
108 67.2 50.1 90.1





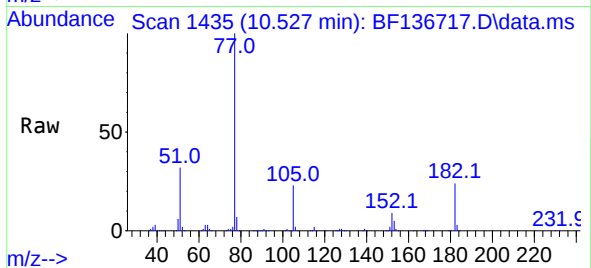
#63
Azobenzene
Concen: 38.619 ng
RT: 10.527 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

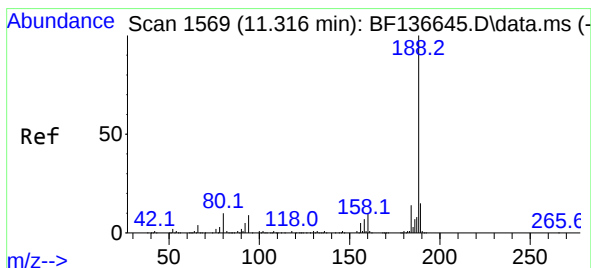
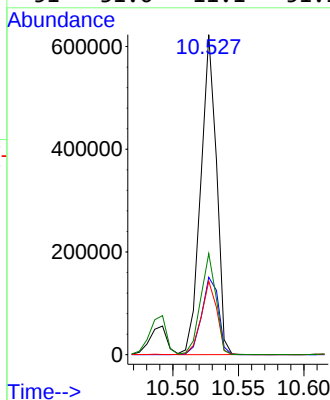
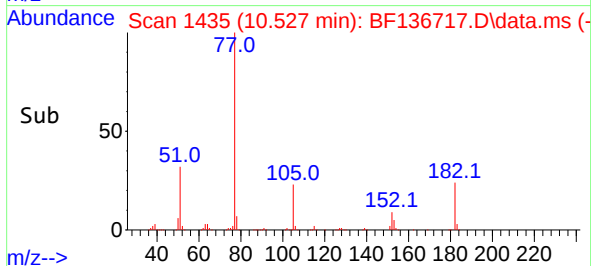


Tgt Ion: 77 Resp: 520014
Ion Ratio Lower Upper
77 100
182 24.2 6.0 46.0
105 23.0 2.3 42.3
51 31.6 11.1 51.1

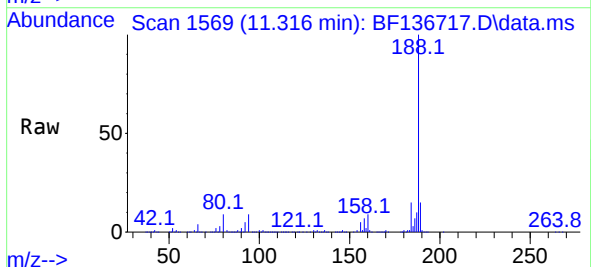
Manual Integrations

APPROVED

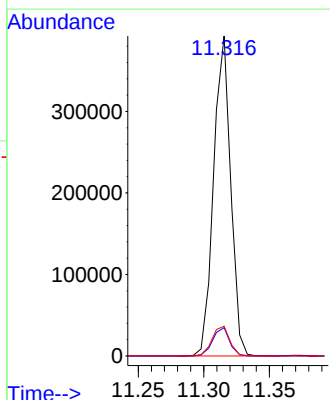
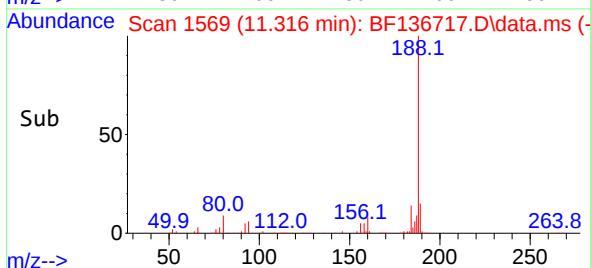
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

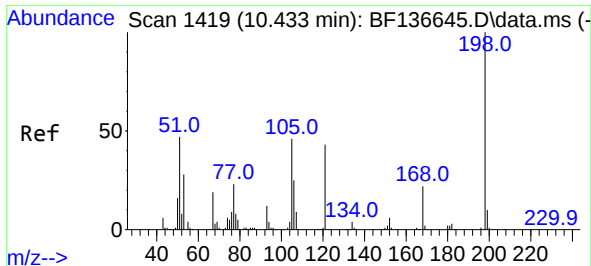


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:188 Resp: 354277
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.3 8.1 12.1





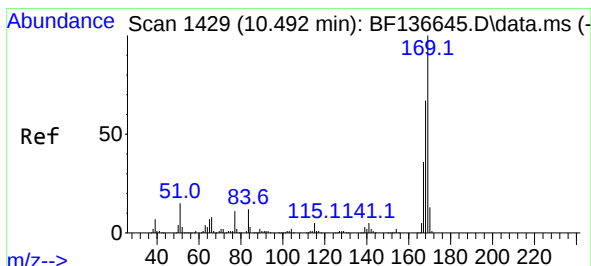
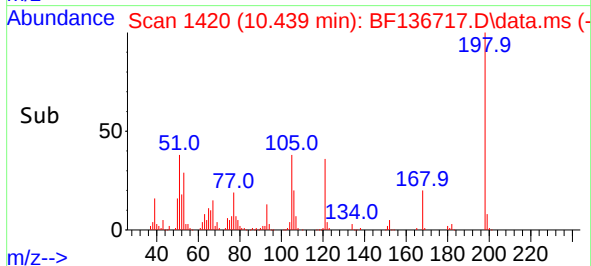
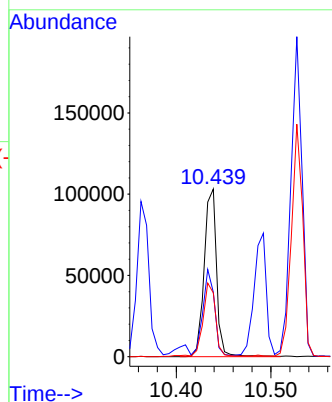
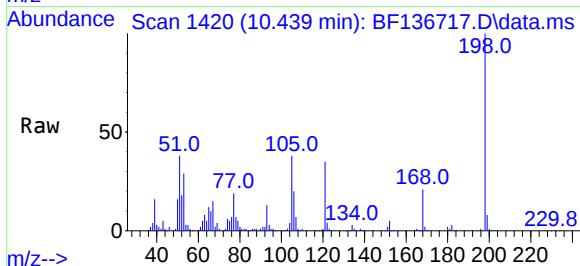
#65
4,6-Dinitro-2-methylphenol
Concen: 46.493 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB157810BS

Tgt Ion:198 Resp: 94398
Ion Ratio Lower Upper
198 100
51 38.5 34.1 74.1
105 38.0 27.3 67.3

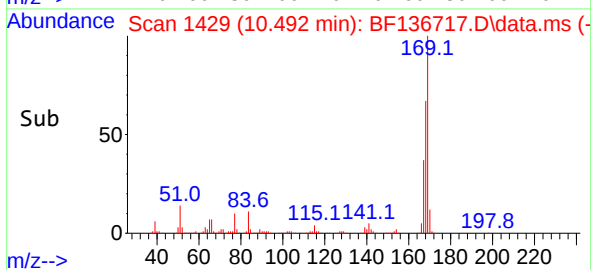
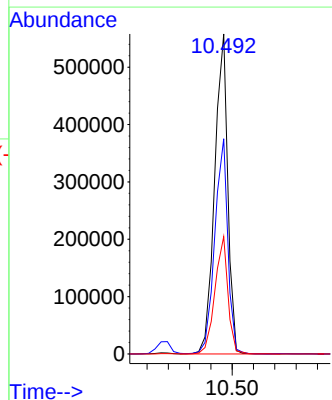
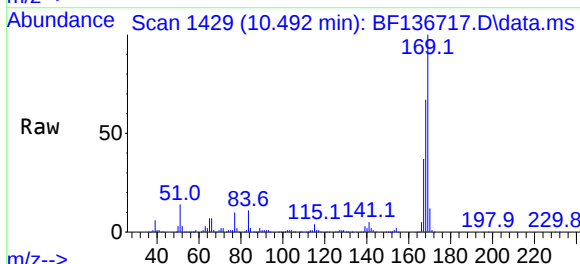
Manual Integrations
APPROVED

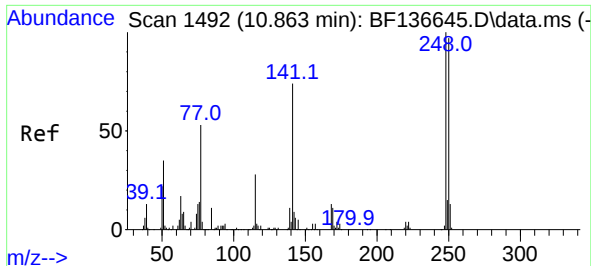
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#66
n-Nitrosodiphenylamine
Concen: 41.483 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:169 Resp: 477404
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.553 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

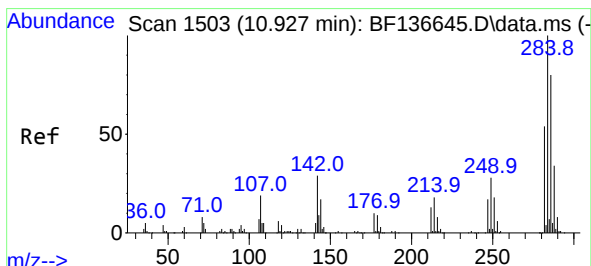
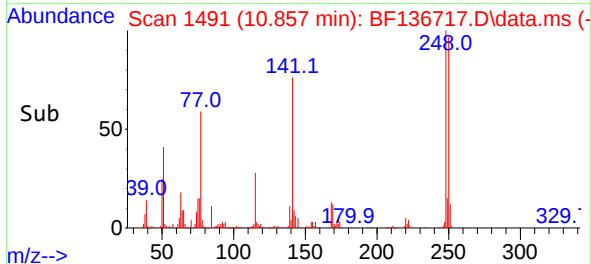
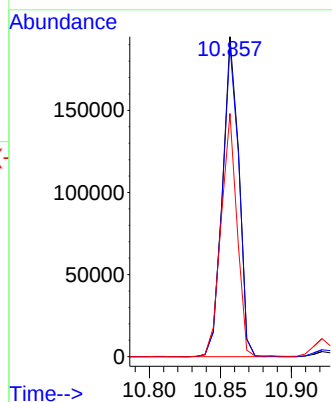
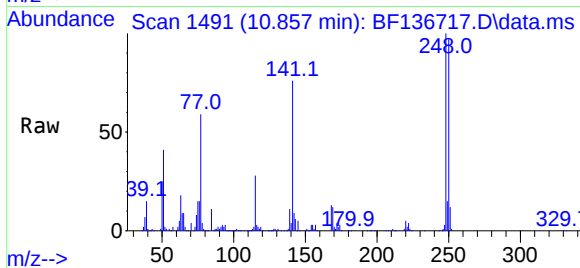
ClientSampleId :

PB157810BS

Tgt Ion:248 Resp: 15562
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 76.0 59.2 88.8

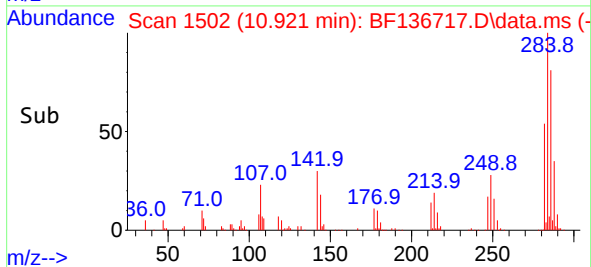
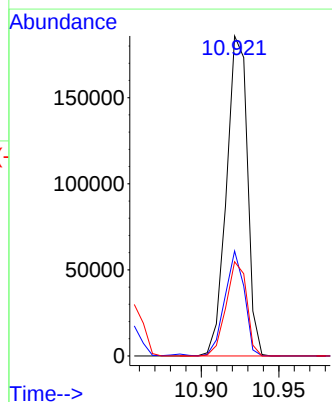
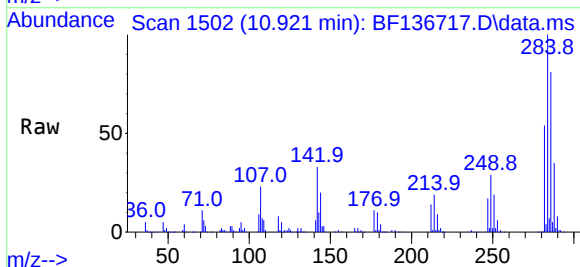
Manual Integrations
APPROVED

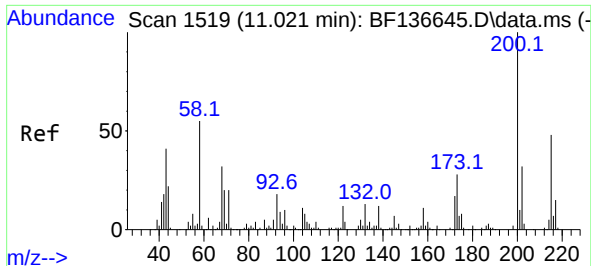
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#68
Hexachlorobenzene
Concen: 39.748 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

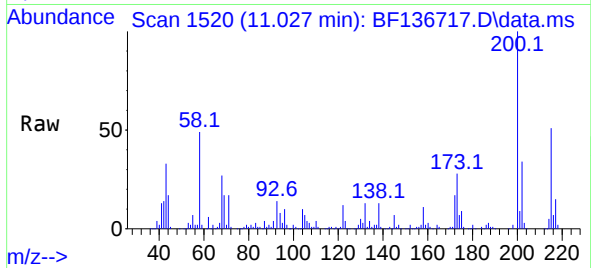
Tgt Ion:284 Resp: 174282
Ion Ratio Lower Upper
284 100
142 32.8 23.4 35.0
249 29.4 22.3 33.5





#69
Atrazine
Concen: 60.006 ng
RT: 11.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

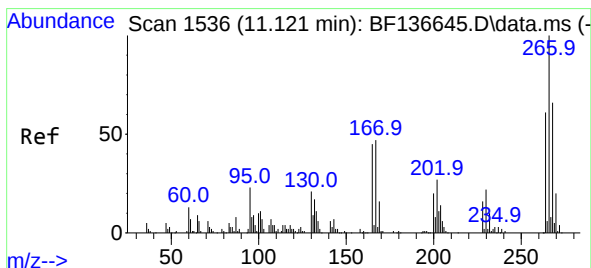
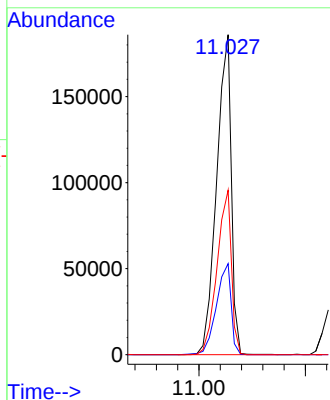
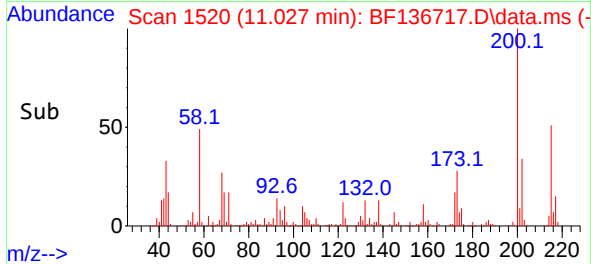
Instrument :
BNA_F
ClientSampleId :
PB157810BS



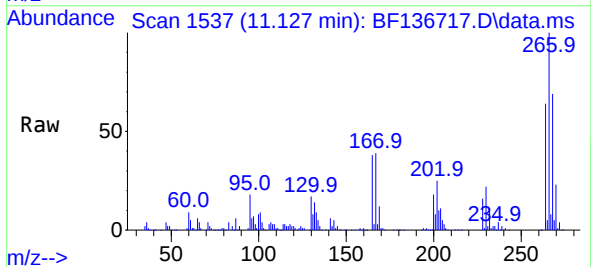
Tgt Ion:200 Resp: 176630
Ion Ratio Lower Upper
200 100
173 28.4 7.6 47.6
215 51.4 28.3 68.3

Manual Integrations
APPROVED

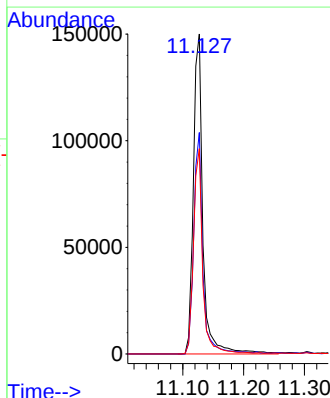
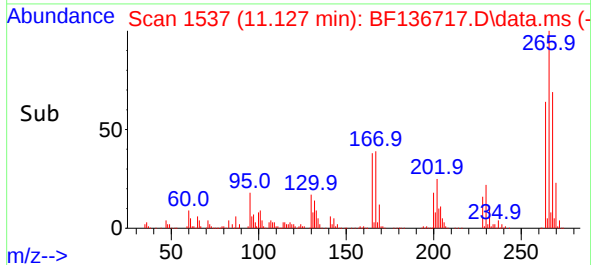
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

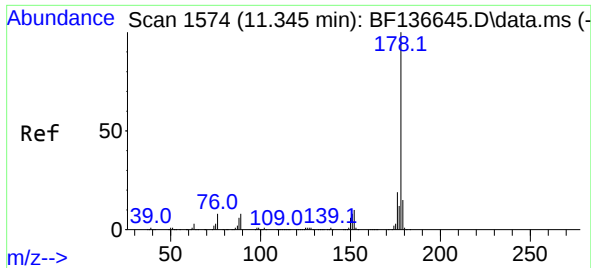


#70
Pentachlorophenol
Concen: 79.809 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:266 Resp: 163109
Ion Ratio Lower Upper
266 100
268 69.2 52.6 78.8
264 64.1 49.0 73.4





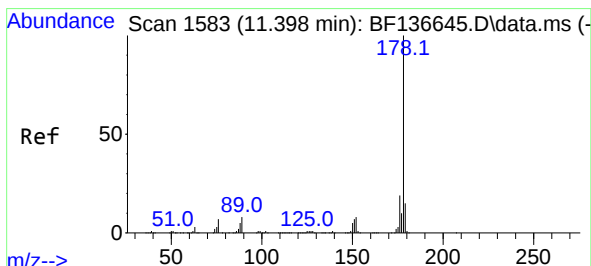
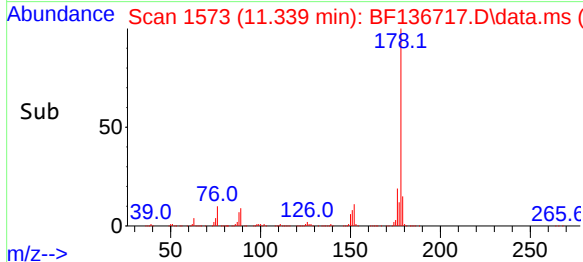
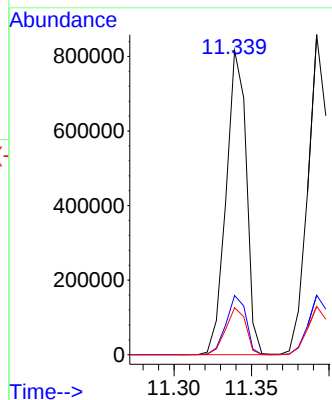
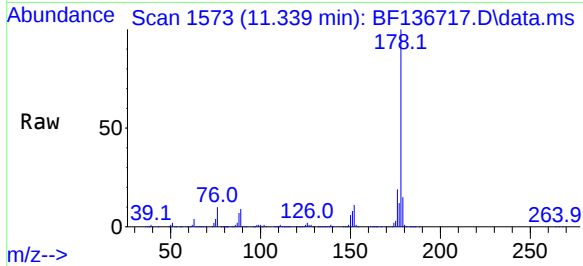
#71
Phenanthrene
Concen: 40.721 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB157810BS

Tgt Ion:178 Resp: 74024
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 11.9 17.9

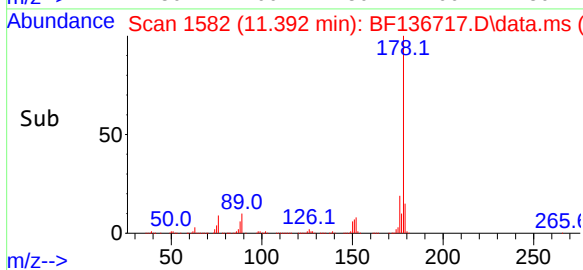
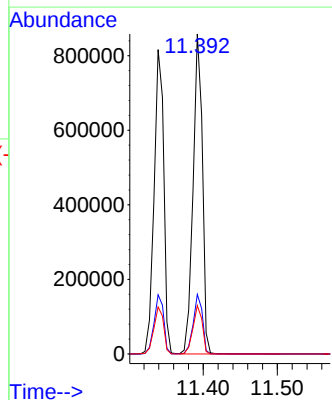
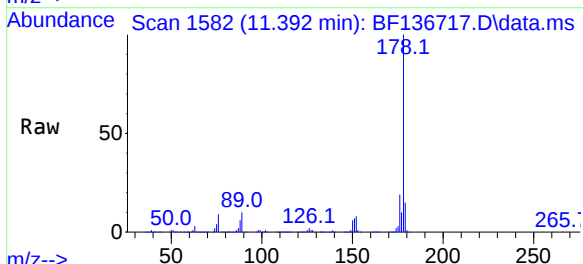
Manual Integrations
APPROVED

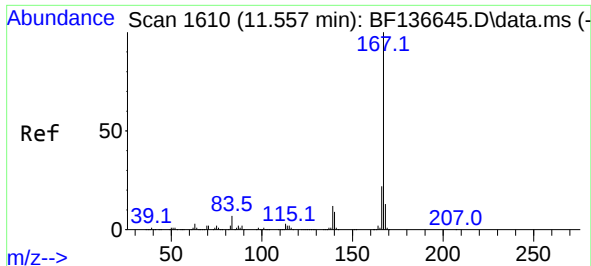
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#72
Anthracene
Concen: 40.845 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

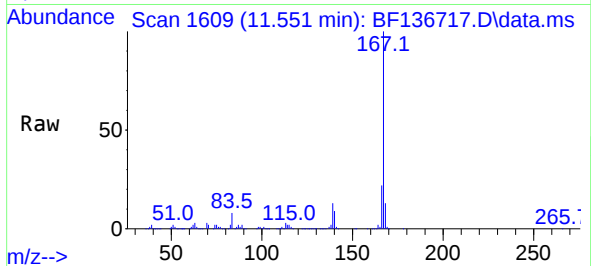
Tgt Ion:178 Resp: 751947
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.1 11.8 17.6





#73
Carbazole
Concen: 39.249 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

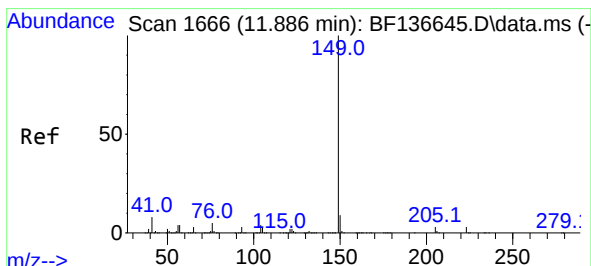
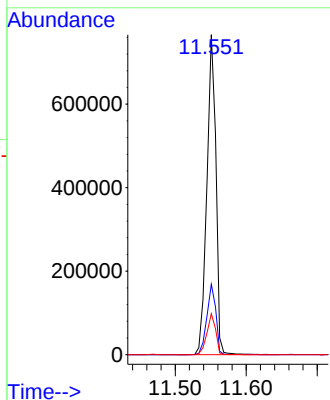
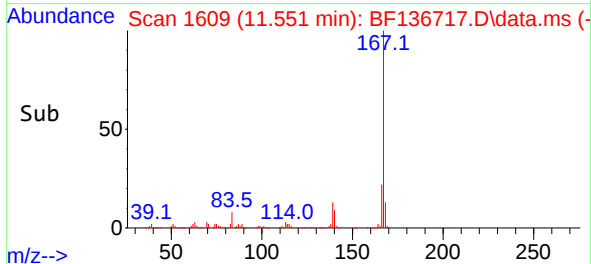
Instrument :
BNA_F
ClientSampleId :
PB157810BS



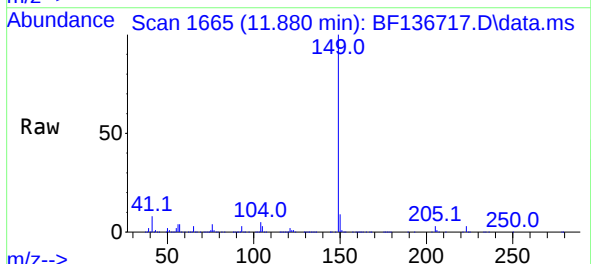
Tgt Ion:167 Resp: 68124
Ion Ratio Lower Upper
167 100
166 22.0 17.3 25.9
139 12.8 9.8 14.6

Manual Integrations
APPROVED

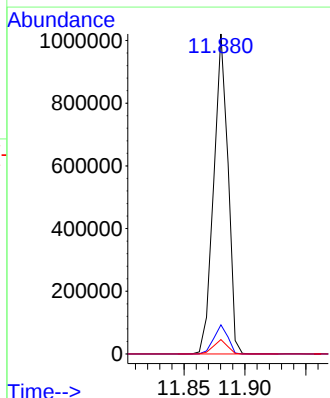
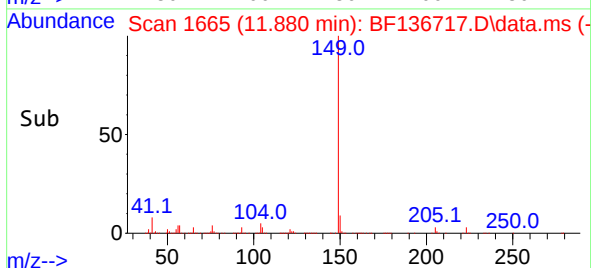
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

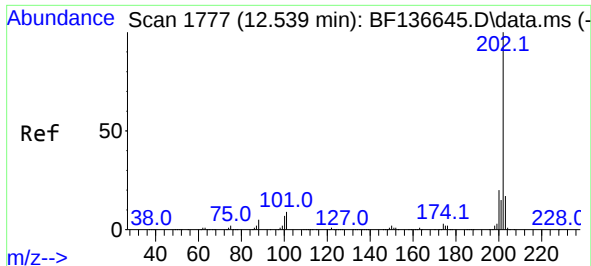


#74
Di-n-butylphthalate
Concen: 39.108 ng
RT: 11.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



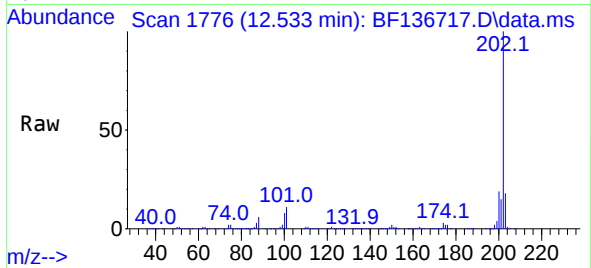
Tgt Ion:149 Resp: 828299
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 37.889 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

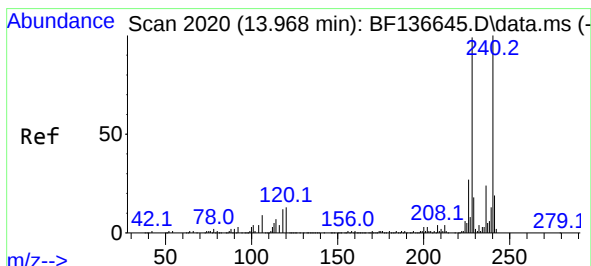
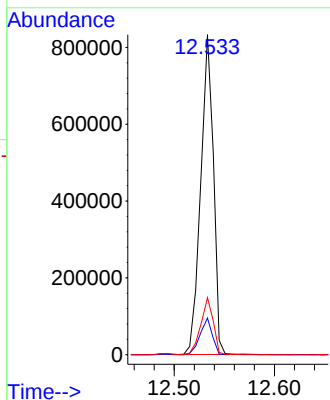
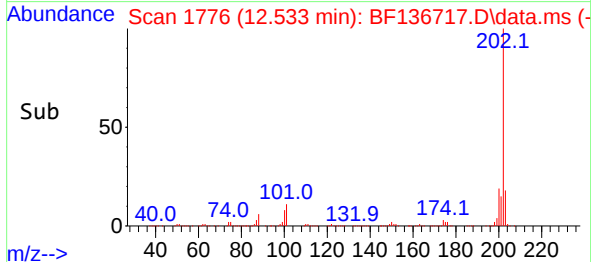
Instrument :
BNA_F
ClientSampleId :
PB157810BS



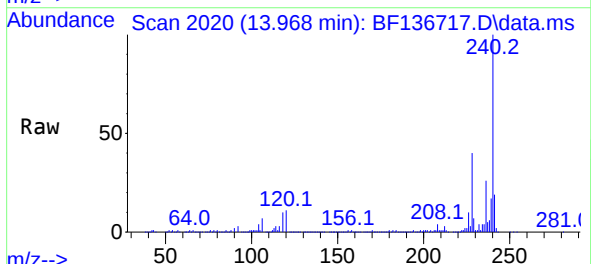
Tgt Ion:202 Resp: 736733
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.3
203 17.8 0.0 37.1

Manual Integrations
APPROVED

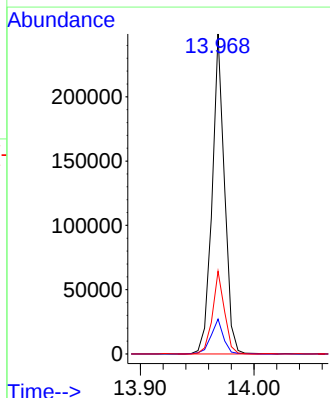
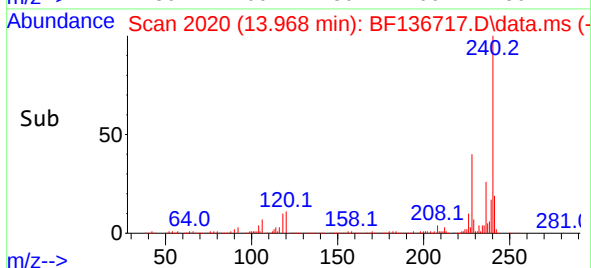
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

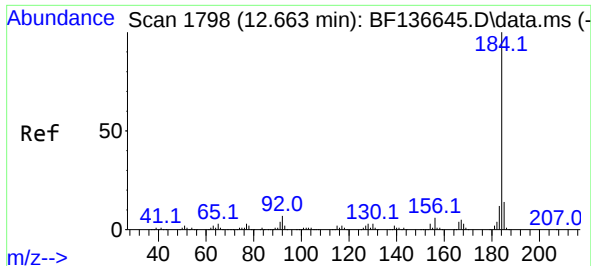


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:240 Resp: 187870
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 25.9 19.4 29.2





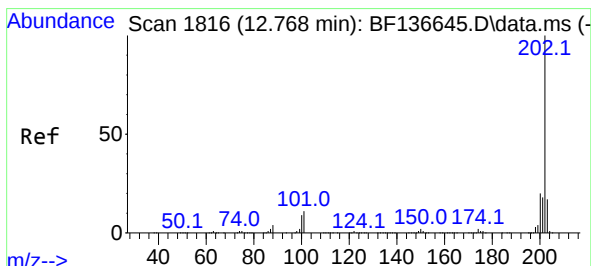
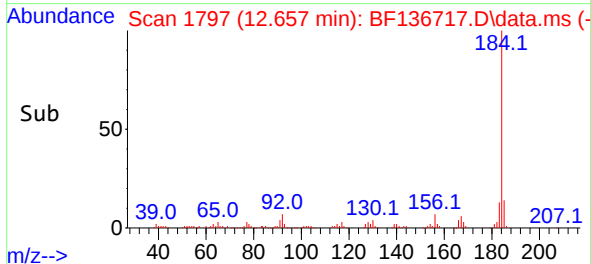
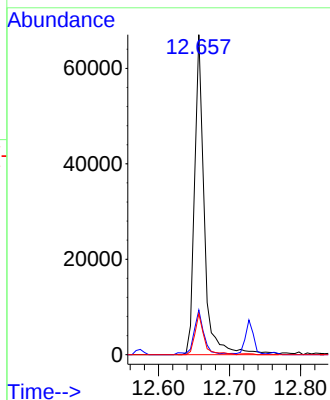
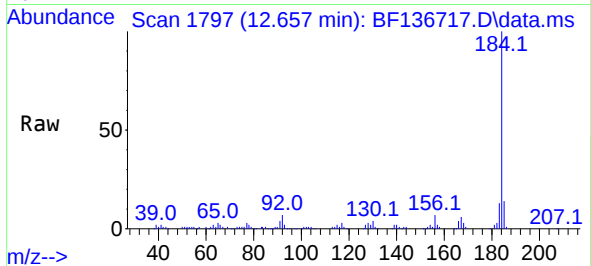
#77
Benzidine
Concen: 11.590 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB157810BS

Tgt Ion:184 Resp: 64204
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.8 9.3 13.9

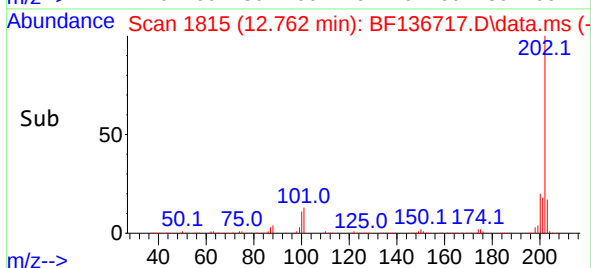
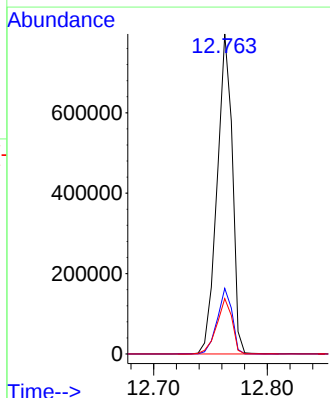
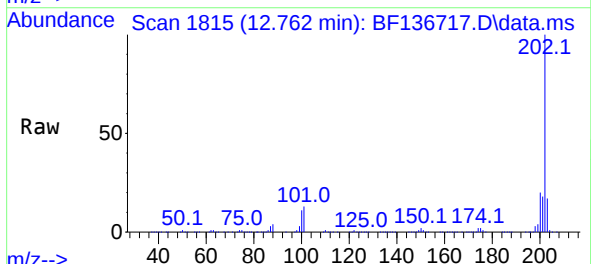
Manual Integrations
APPROVED

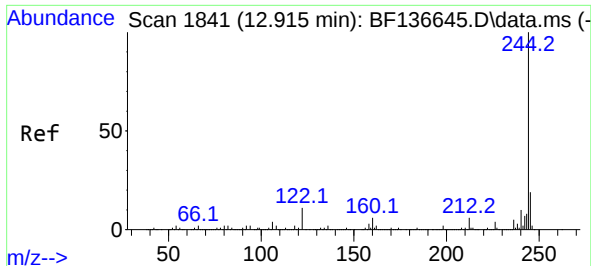
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#78
Pyrene
Concen: 40.230 ng
RT: 12.762 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:202 Resp: 741951
Ion Ratio Lower Upper
202 100
200 20.5 15.9 23.9
203 17.3 13.8 20.6





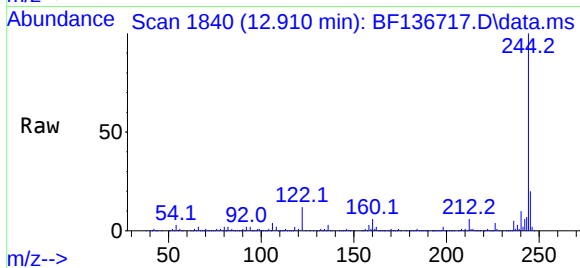
#79
 Terphenyl-d14
 Concen: 76.432 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136717.D
 Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

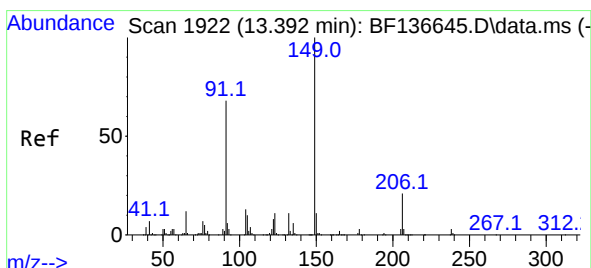
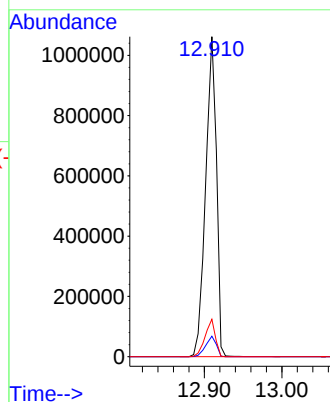
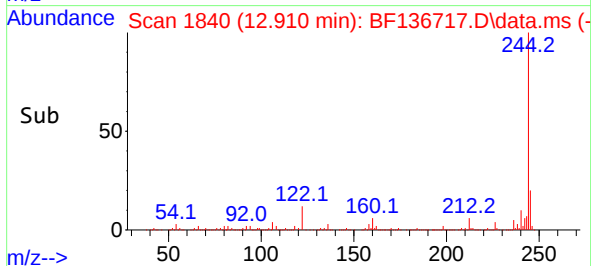


Tgt Ion:244 Resp: 102751
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.7 9.0 13.4

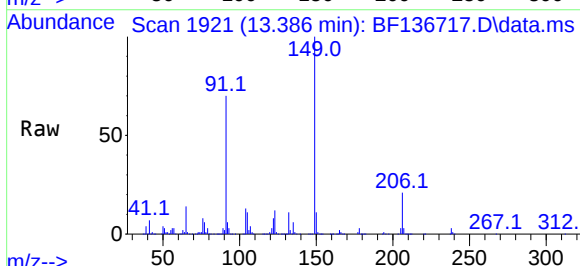
Manual Integrations

APPROVED

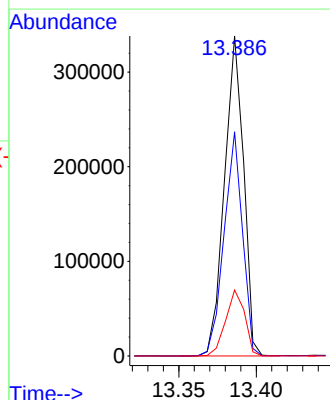
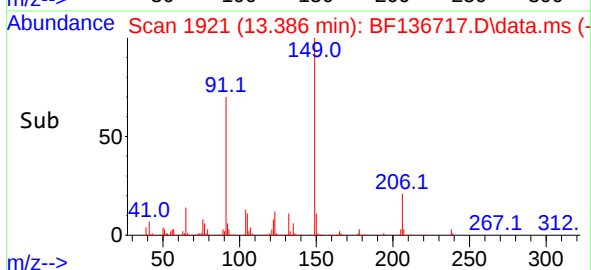
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

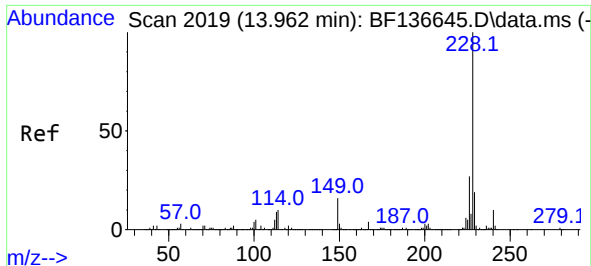


#80
 Butylbenzylphthalate
 Concen: 43.258 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136717.D
 Acq: 26 Dec 2023 13:54



Tgt Ion:149 Resp: 290291
 Ion Ratio Lower Upper
 149 100
 91 70.0 54.1 81.1
 206 20.6 17.1 25.7





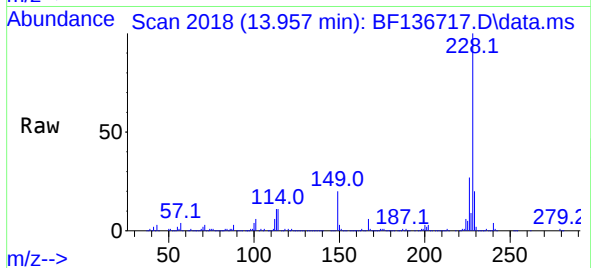
#81
Benzo(a)anthracene
Concen: 41.409 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

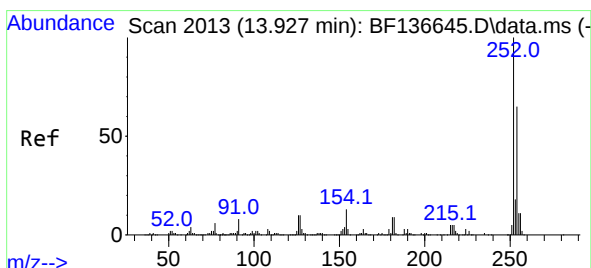
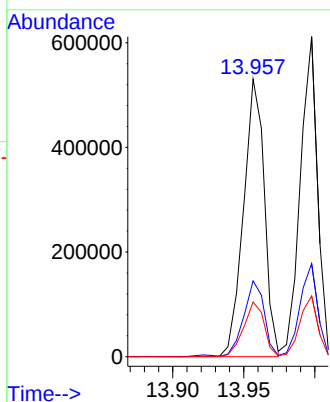
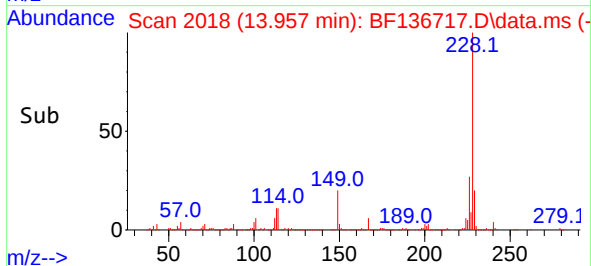


Tgt Ion:228 Resp: 540199
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.7 14.9 22.3

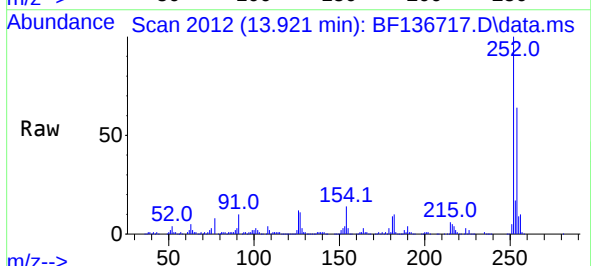
Manual Integrations

APPROVED

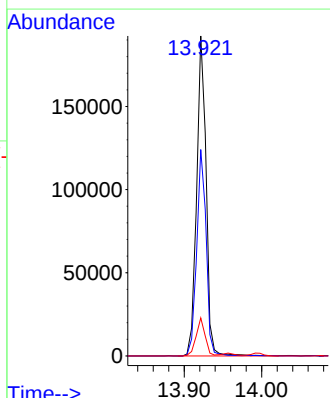
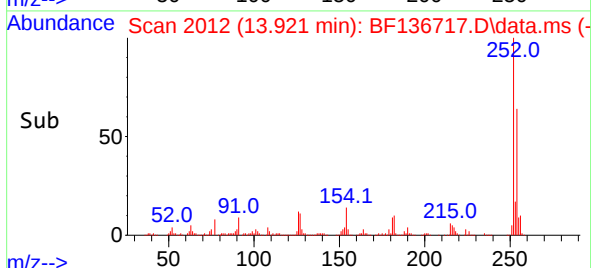
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

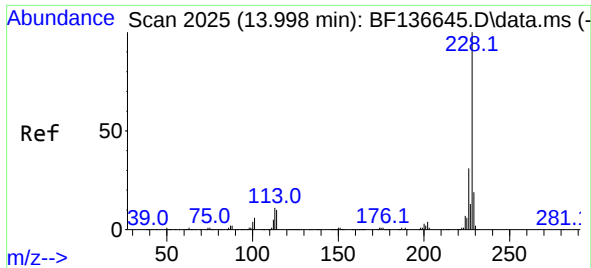


#82
3,3'-Dichlorobenzidine
Concen: 43.991 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:252 Resp: 162980
Ion Ratio Lower Upper
252 100
254 64.5 52.2 78.4
126 11.9 8.0 12.0





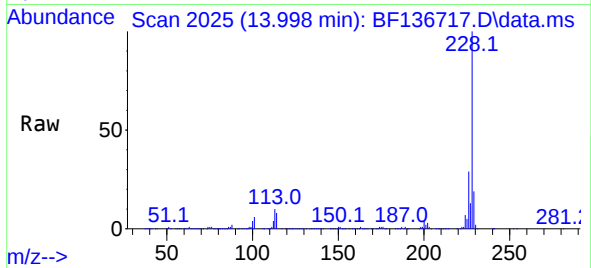
#83
Chrysene
Concen: 40.466 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

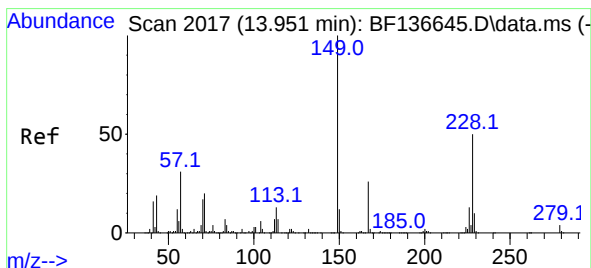
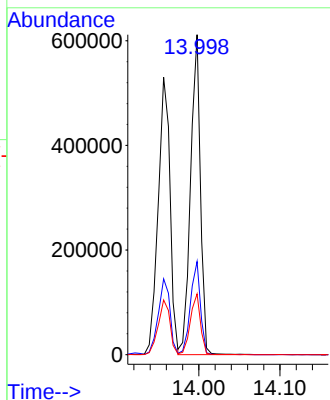
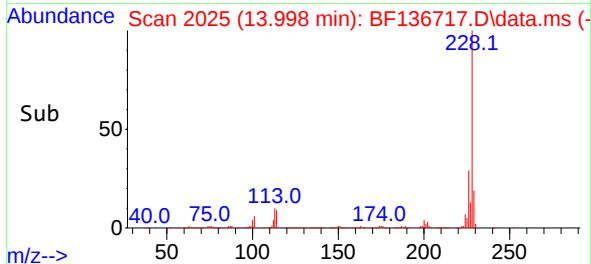


Tgt Ion:228 Resp: 516224
Ion Ratio Lower Upper
228 100
226 29.1 24.7 37.1
229 19.0 15.4 23.0

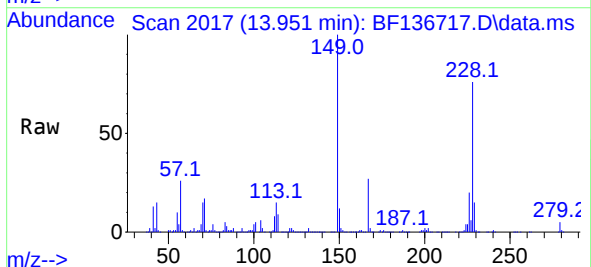
Manual Integrations

APPROVED

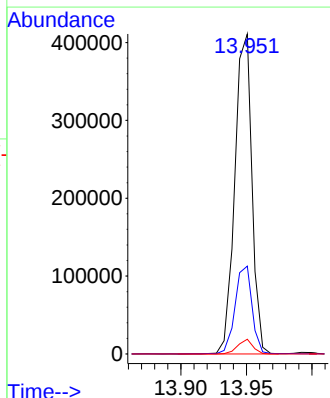
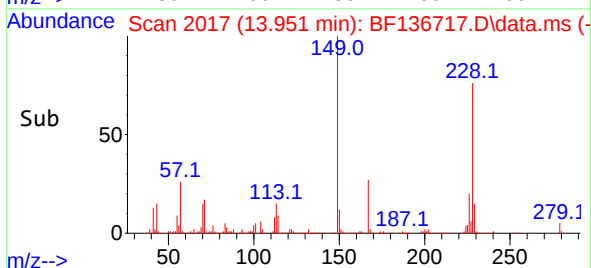
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

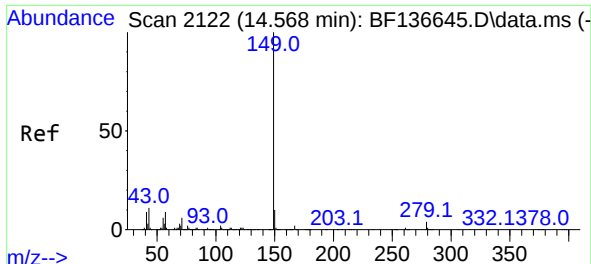


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.315 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:149 Resp: 374168
Ion Ratio Lower Upper
149 100
167 27.4 20.9 31.3
279 4.6 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 46.841 ng
RT: 14.562 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

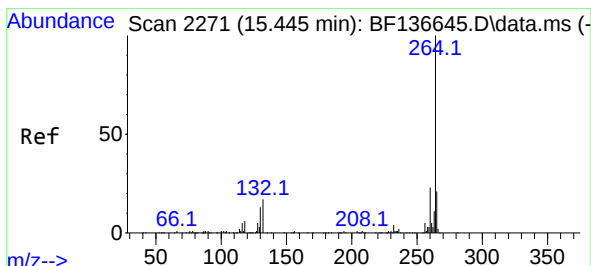
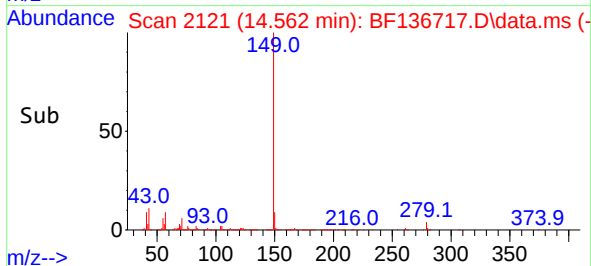
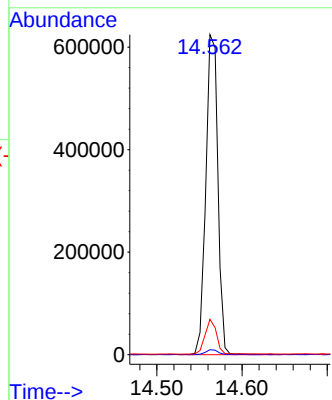
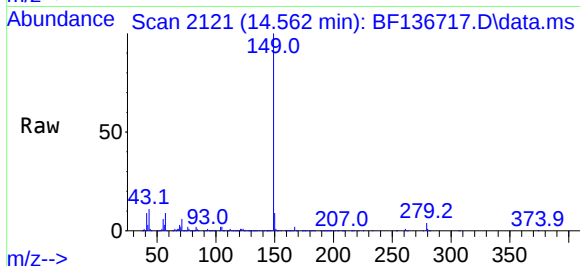
PB157810BS

Tgt Ion:149 Resp: 611772
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 8.9 13.3

Manual Integrations

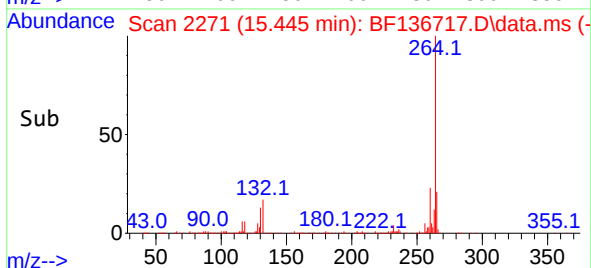
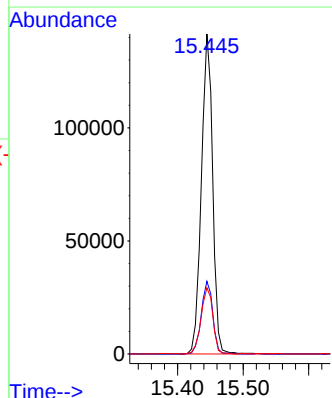
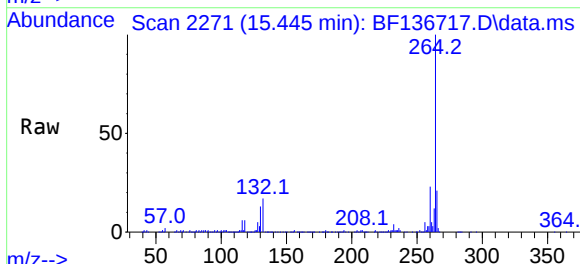
APPROVED

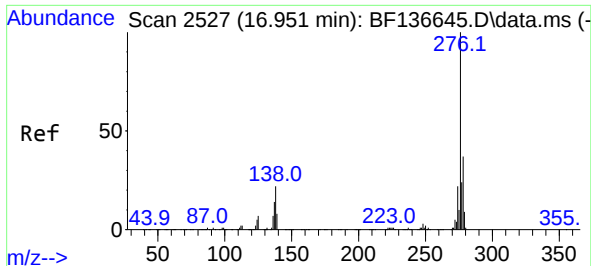
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:264 Resp: 169492
Ion Ratio Lower Upper
264 100
260 22.7 18.3 27.5
265 20.7 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.204 ng
RT: 16.956 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

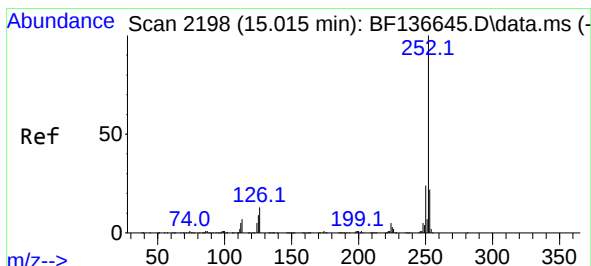
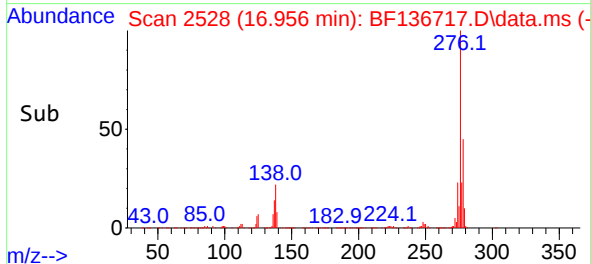
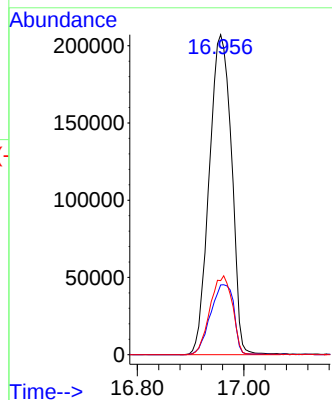
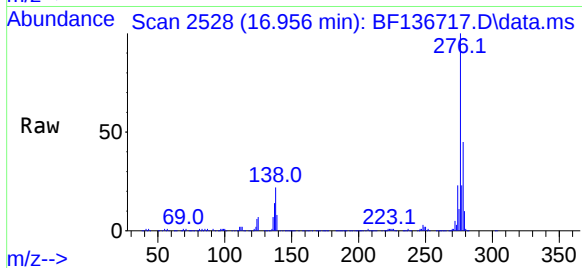
PB157810BS

Tgt Ion:276 Resp: 60213
Ion Ratio Lower Upper
276 100
138 23.0 18.7 28.1
277 24.9 20.2 30.2

Manual Integrations

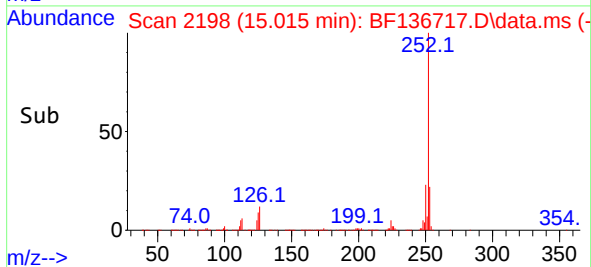
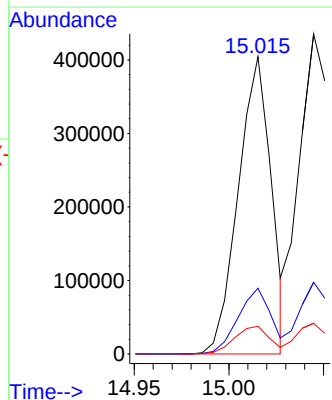
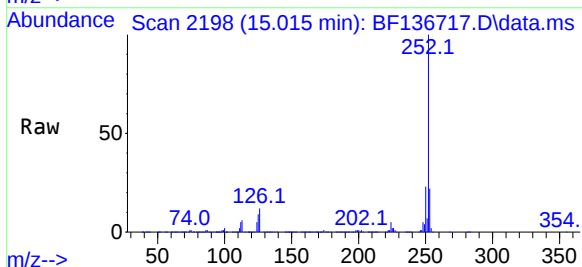
APPROVED

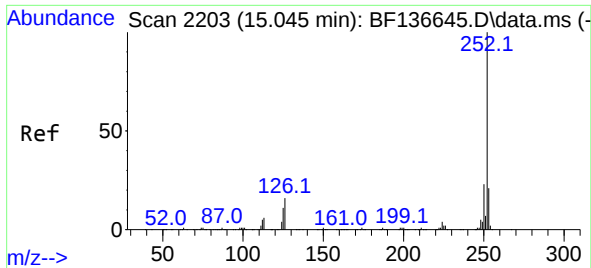
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#88
Benzo(b)fluoranthene
Concen: 43.181 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:252 Resp: 488826
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.3 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 45.017 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

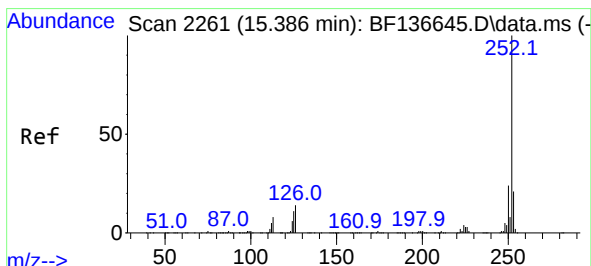
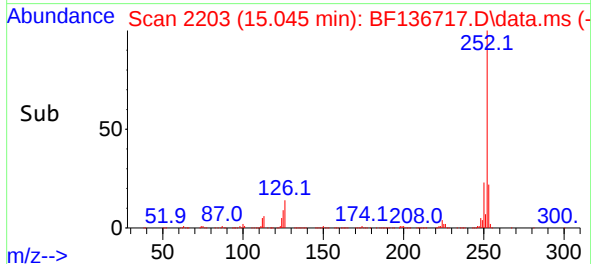
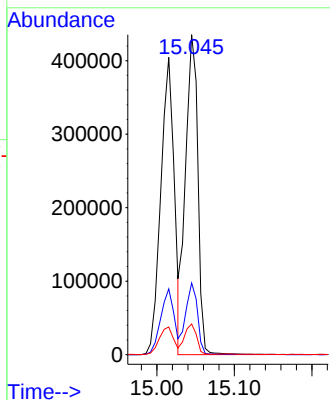
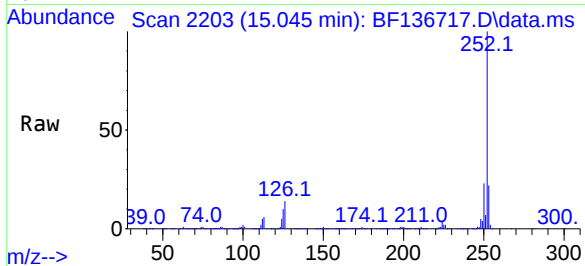
PB157810BS

Tgt Ion:252 Resp: 48153
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 9.6 8.2 12.4

Manual Integrations

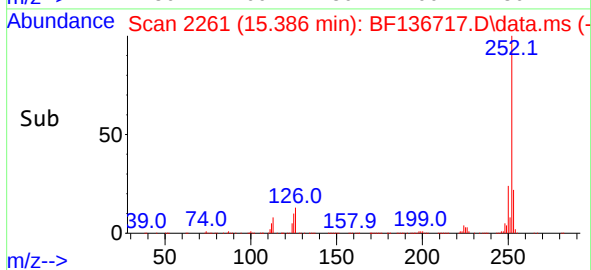
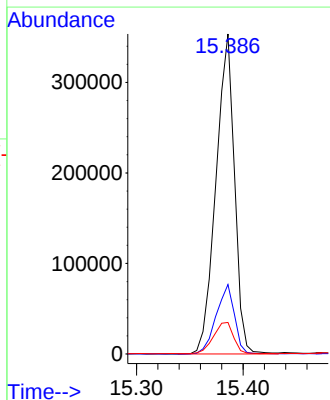
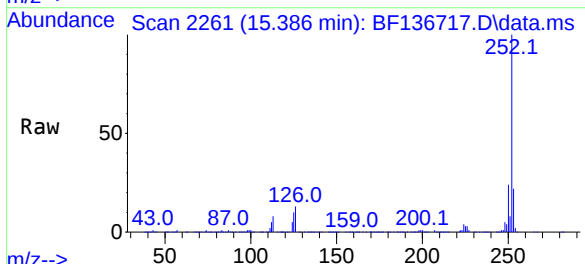
APPROVED

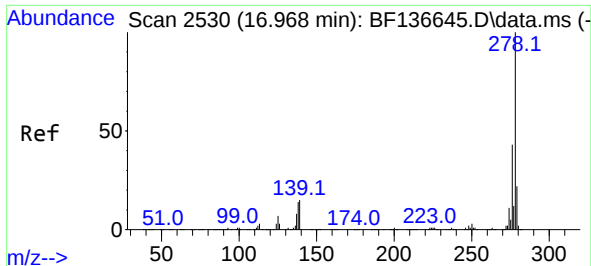
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#90
Benzo(a)pyrene
Concen: 44.724 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Tgt Ion:252 Resp: 427370
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 9.9 8.8 13.2





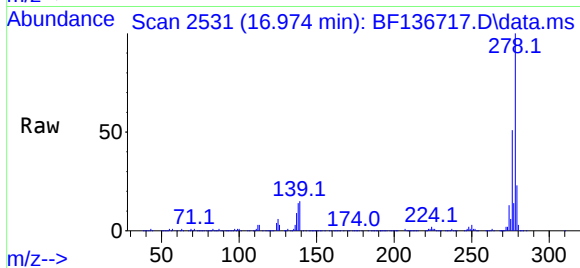
#91
Dibenzo(a,h)anthracene
Concen: 50.272 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB157810BS

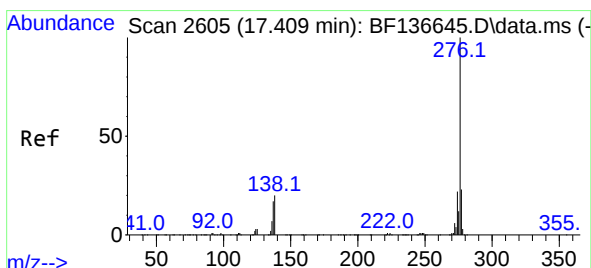
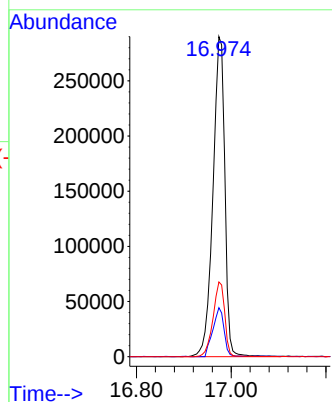
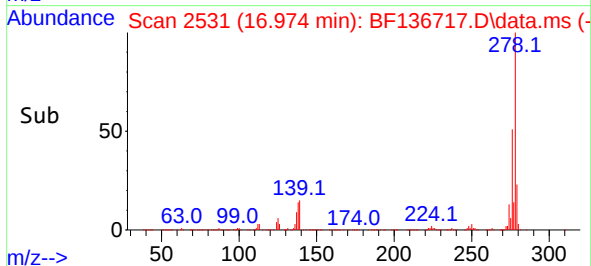


Tgt Ion:278 Resp: 504711
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.4 17.8 26.6

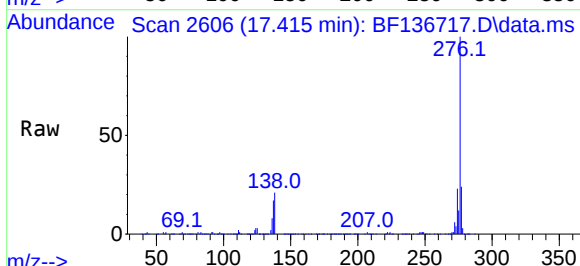
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#92
Benzo(g,h,i)perylene
Concen: 49.929 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136717.D
Acq: 26 Dec 2023 13:54



Tgt Ion:276 Resp: 513406
Ion Ratio Lower Upper
276 100
277 23.6 18.3 27.5
138 20.5 15.6 23.4

