

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136798.D
 Acq On : 28 Dec 2023 17:42
 Operator : CG\JU
 Sample : PB157953BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157953BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 18:06:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	111431	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	481247	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	244883	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	450311	20.000	ng	0.00
76) Chrysene-d12	13.968	240	214218	20.000	ng	0.00
86) Perylene-d12	15.445	264	217590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	908278	127.179	ng	0.01
7) Phenol-d6	6.445	99	1132285	122.357	ng	0.00
23) Nitrobenzene-d5	7.357	82	705994	75.068	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	314058	108.895	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1338114	73.494	ng	0.00
79) Terphenyl-d14	12.910	244	1187096	77.441	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	94927	31.901	ng	97
3) Pyridine	3.404	79	213641	29.426	ng	99
4) n-Nitrosodimethylamine	3.363	42	158124	40.784	ng	92
6) Aniline	6.451	93	268038	28.971	ng	# 33
8) 2-Chlorophenol	6.575	128	359275	45.970	ng	97
9) Benzaldehyde	6.339	77	95587	18.160	ng	99
10) Phenol	6.457	94	413154	41.823	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	326141	43.413	ng	100
12) 1,3-Dichlorobenzene	6.728	146	313671	36.791	ng	96
13) 1,4-Dichlorobenzene	6.804	146	326295	37.456	ng	96
14) 1,2-Dichlorobenzene	6.951	146	315569	38.930	ng	98
15) Benzyl Alcohol	6.939	79	291958	46.765	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	522996	42.580	ng	90
17) 2-Methylphenol	7.051	107	279149	43.115	ng	94
18) Hexachloroethane	7.292	117	123088	38.906	ng	91
19) n-Nitroso-di-n-propyla...	7.210	70	237308	42.303	ng	98
20) 3+4-Methylphenols	7.204	107	344207	42.554	ng	# 81
22) Acetophenone	7.198	105	488123	40.466	ng	# 94
24) Nitrobenzene	7.375	77	355007	37.682	ng	96
25) Isophorone	7.610	82	673088	39.332	ng	99
26) 2-Nitrophenol	7.686	139	186237	41.318	ng	99
27) 2,4-Dimethylphenol	7.728	122	305334	55.642	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	415247	39.920	ng	100
29) 2,4-Dichlorophenol	7.928	162	290446	41.112	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	290776	36.941	ng	98
31) Naphthalene	8.086	128	980351	37.081	ng	100
32) Benzoic acid	7.898	122	248047m	46.717	ng	
33) 4-Chloroaniline	8.139	127	250834	25.696	ng	97
34) Hexachlorobutadiene	8.198	225	173749	36.331	ng	99
35) Caprolactam	8.533	113	94032m	40.346	ng	
36) 4-Chloro-3-methylphenol	8.633	107	318053	39.990	ng	98
37) 2-Methylnaphthalene	8.775	142	647389	38.048	ng	98
38) 1-Methylnaphthalene	8.875	142	597967	35.821	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	300398	39.610	ng	99
41) Hexachlorocyclopentadiene	8.928	237	143650	60.667	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	206025	42.360	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	215125	39.692	ng	97
46) 1,1'-Biphenyl	9.245	154	819061	39.858	ng	99
47) 2-Chloronaphthalene	9.269	162	604735	38.711	ng	99
48) 2-Nitroaniline	9.375	65	197345	40.340	ng	96
49) Acenaphthylene	9.686	152	918378	38.461	ng	99
50) Dimethylphthalate	9.557	163	715475	40.000	ng	100
51) 2,6-Dinitrotoluene	9.622	165	155790	38.377	ng	95
52) Acenaphthene	9.857	154	567548	38.344	ng	100
53) 3-Nitroaniline	9.786	138	129691	30.159	ng	100
54) 2,4-Dinitrophenol	9.904	184	173290	77.163	ng	93
55) Dibenzofuran	10.033	168	848419	37.813	ng	97
56) 4-Nitrophenol	9.969	139	212123	73.073	ng	97
57) 2,4-Dinitrotoluene	10.027	165	187159	35.514	ng	# 91
58) Fluorene	10.375	166	671945	37.743	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	182616	43.770	ng	97
60) Diethylphthalate	10.257	149	718253	38.702	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	327025	37.791	ng	94
62) 4-Nitroaniline	10.410	138	137600m	33.193	ng	
63) Azobenzene	10.527	77	659321	38.036	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	113222	43.872	ng	95
66) n-Nitrosodiphenylamine	10.492	169	605010	41.359	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	202882	40.568	ng	99
68) Hexachlorobenzene	10.922	284	220942	39.644	ng	97
69) Atrazine	11.027	200	212893	56.901	ng	97
70) Pentachlorophenol	11.122	266	202833	78.081	ng	98
71) Phenanthrene	11.339	178	931173	40.300	ng	99
72) Anthracene	11.392	178	935761	39.990	ng	99
73) Carbazole	11.551	167	809886	36.710	ng	99
74) Di-n-butylphthalate	11.880	149	1033644	38.396	ng	99
75) Fluoranthene	12.533	202	862196	34.885	ng	98
77) Benzidine	12.657	184	39711	6.287	ng	98
78) Pyrene	12.763	202	851502	40.492	ng	99
80) Butylbenzylphthalate	13.386	149	325623	42.555	ng	99
81) Benzo(a)anthracene	13.957	228	600235	40.352	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	183925	43.539	ng	97
83) Chrysene	13.998	228	574196	39.474	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	424072	44.048	ng	98
85) Di-n-octyl phthalate	14.562	149	704816	47.328	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	791679	50.392	ng	100
88) Benzo(b)fluoranthene	15.015	252	602153	41.433	ng	99
89) Benzo(k)fluoranthene	15.045	252	600686	43.742	ng	99
90) Benzo(a)pyrene	15.386	252	541899	44.174	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	659009	51.131	ng	98
92) Benzo(g,h,i)perylene	17.427	276	668452	50.637	ng	99

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

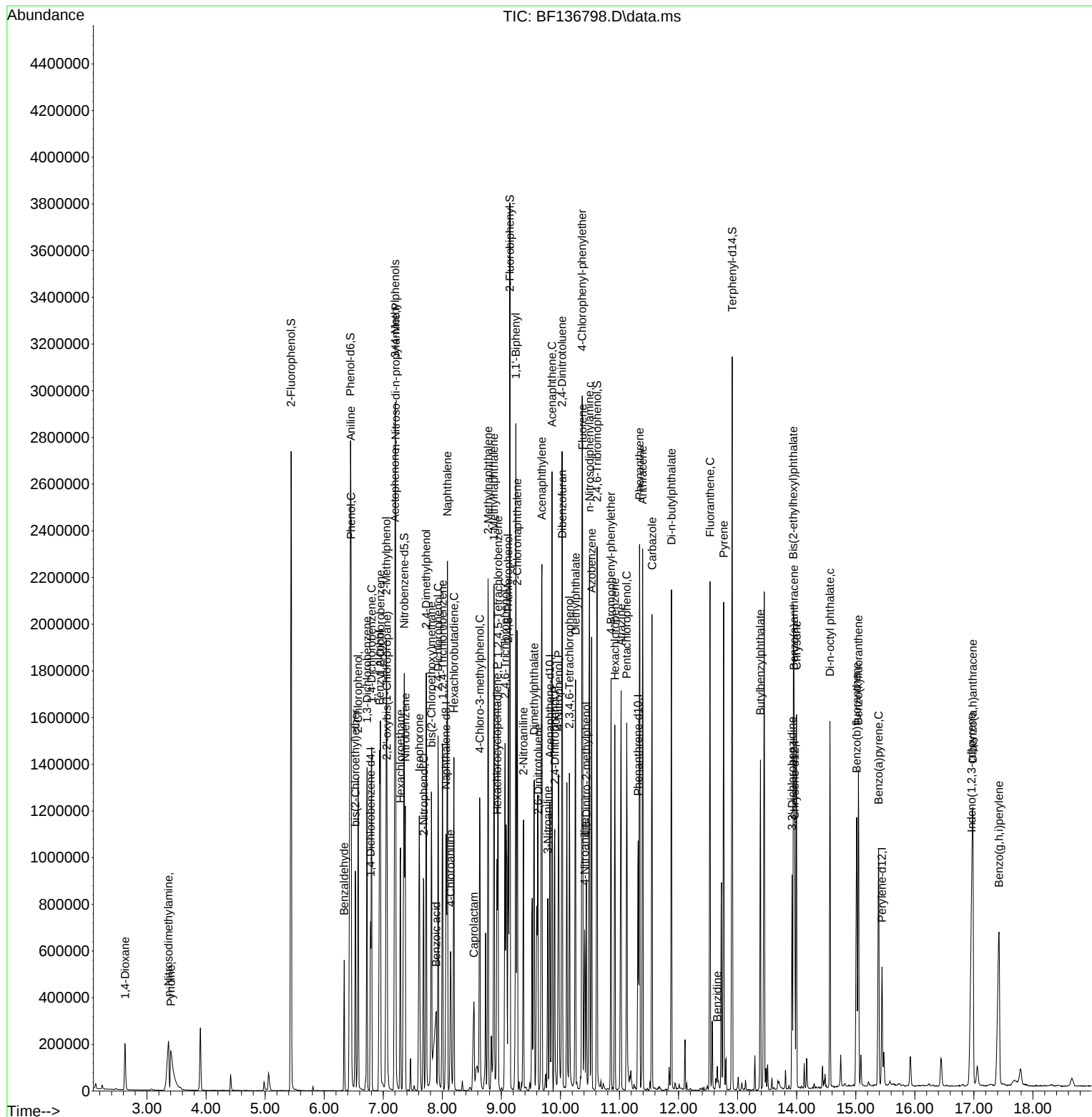
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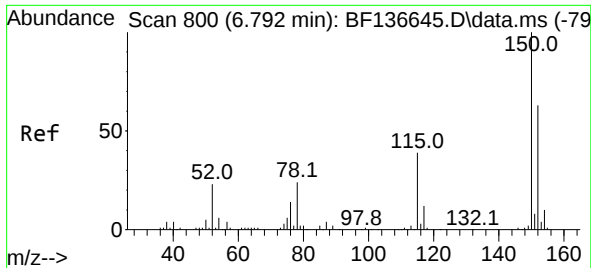
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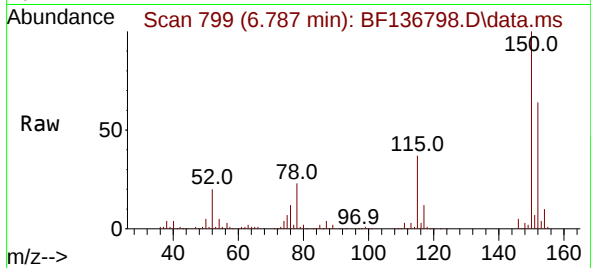
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

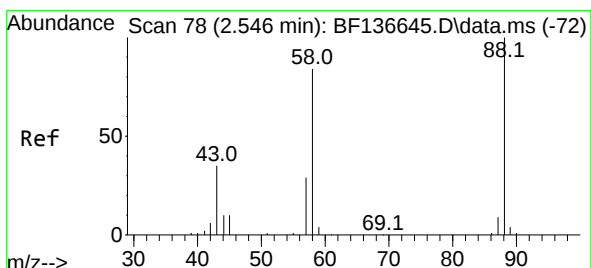
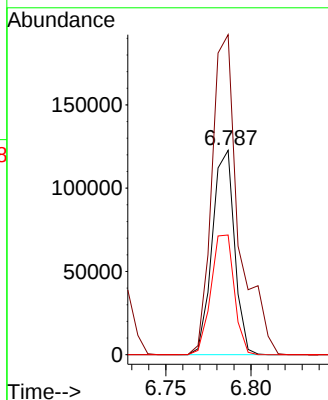
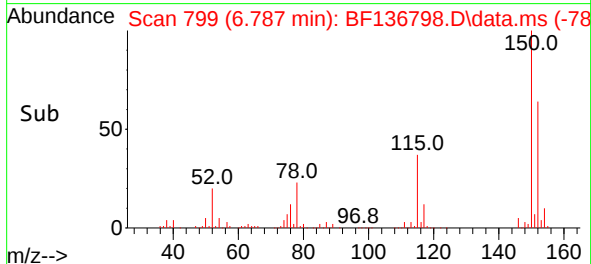
Instrument :
BNA_F
ClientSampleId :
PB157953BS



Tgt Ion:152 Resp: 11143
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 58.6 49.0 73.4

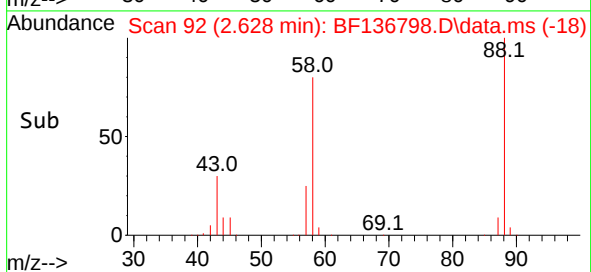
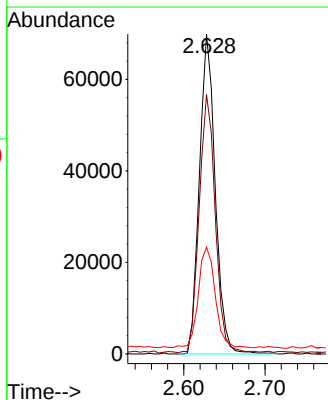
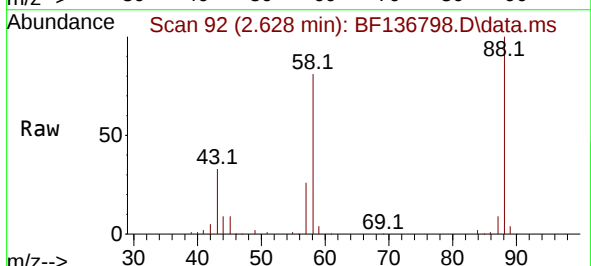
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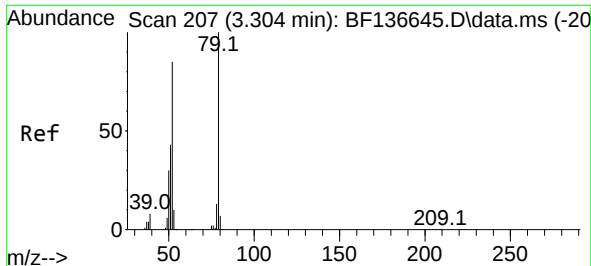
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#2
1,4-Dioxane
Concen: 31.901 ng
RT: 2.628 min Scan# 92
Delta R.T. 0.082 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

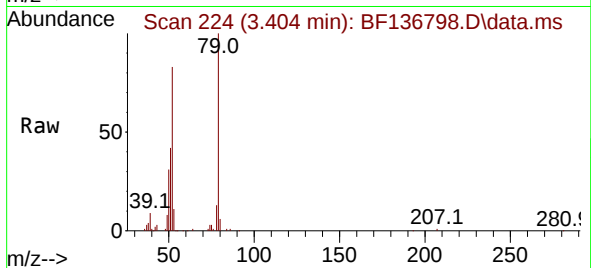
Tgt Ion: 88 Resp: 94927
Ion Ratio Lower Upper
88 100
58 81.8 67.4 101.0
43 33.3 27.7 41.5





#3
Pyridine
Concen: 29.426 ng
RT: 3.404 min Scan# 217
Delta R.T. 0.100 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

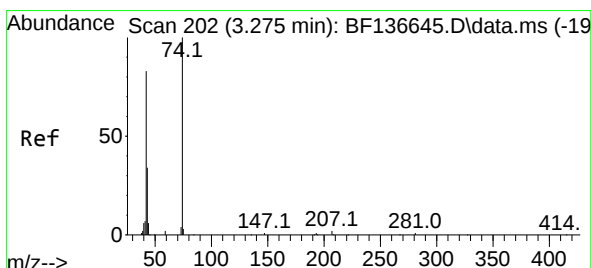
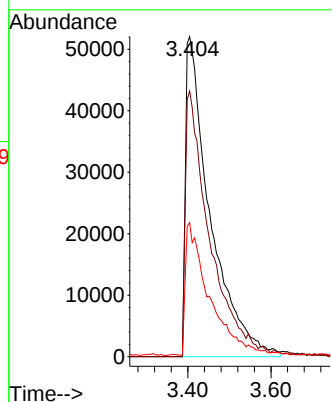
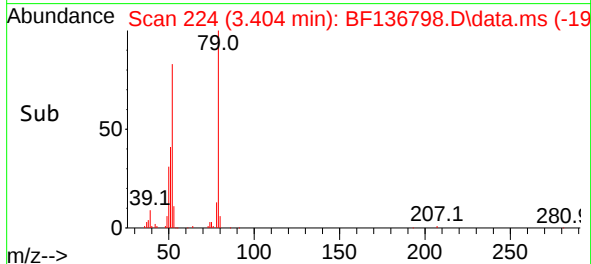
Instrument :
BNA_F
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PB157953BS



Tgt Ion: 79 Resp: 21364
Ion Ratio Lower Upper
79 100
52 83.0 67.7 101.5
51 41.9 34.0 51.0

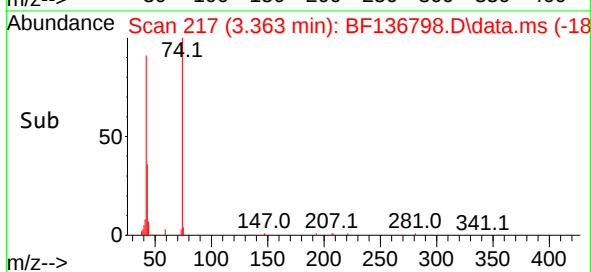
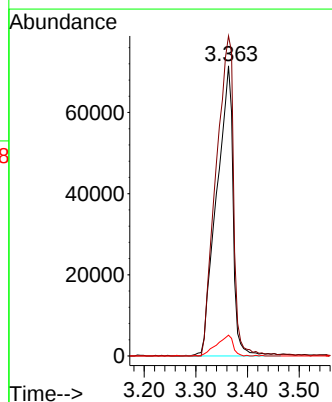
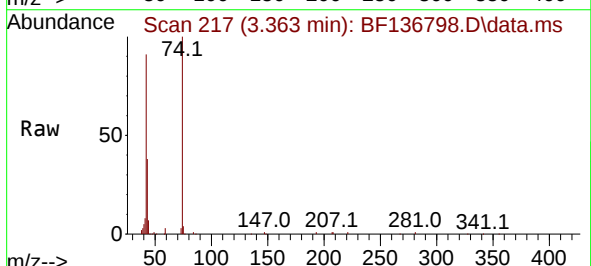
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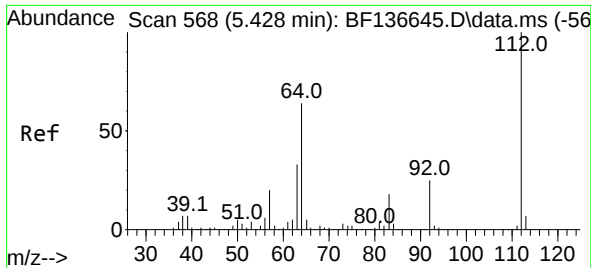
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#4
n-Nitrosodimethylamine
Concen: 40.784 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion: 42 Resp: 158124
Ion Ratio Lower Upper
42 100
74 110.3 96.0 144.0
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 127.179 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

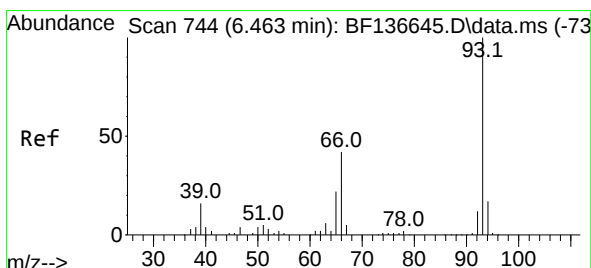
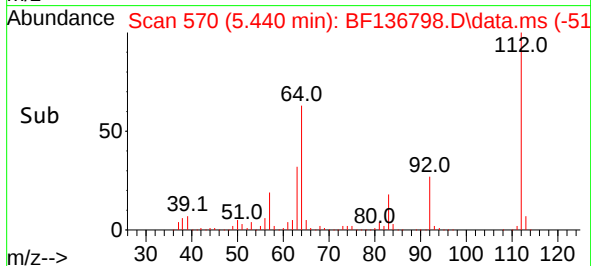
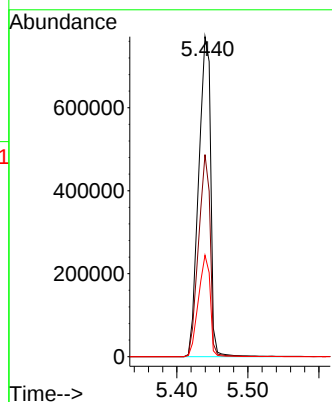
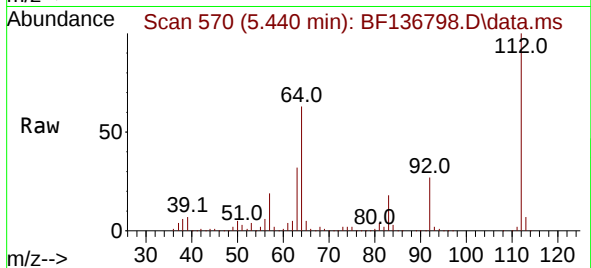
PB157953BS

Tgt Ion:112 Resp: 908278
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 31.7 26.1 39.1

Manual Integrations

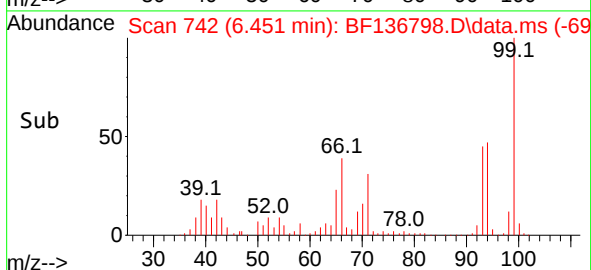
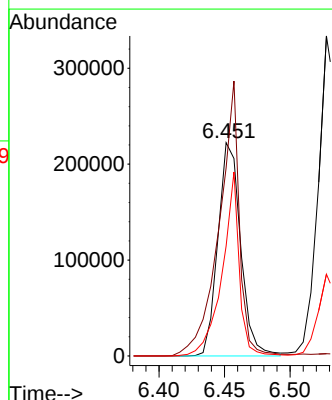
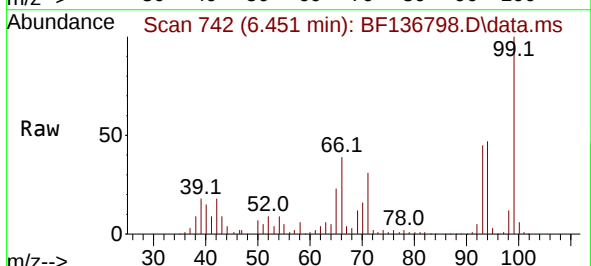
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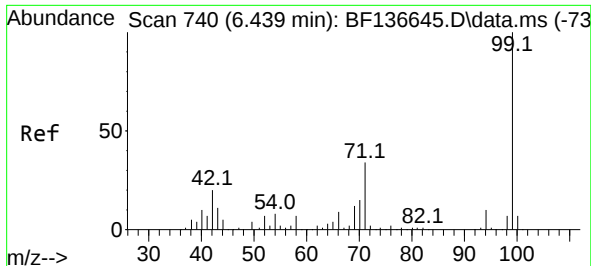
Reviewed By :Yogesh Patel 12/29/2023
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#6
Aniline
Concen: 28.971 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion: 93 Resp: 268038
Ion Ratio Lower Upper
93 100
66 88.3 34.6 51.8#
65 51.5 17.8 26.8#





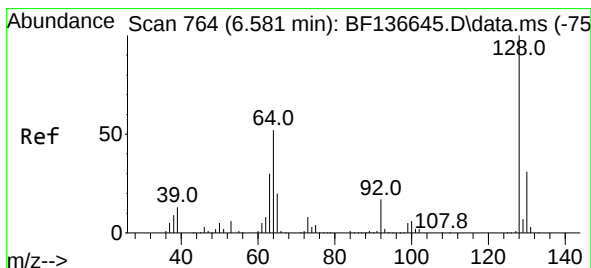
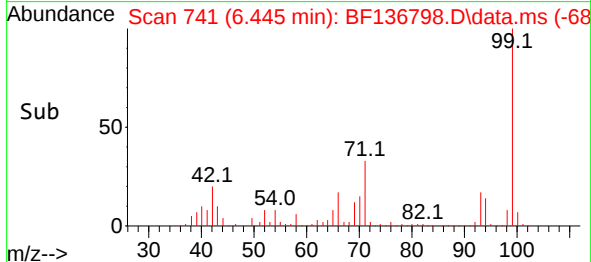
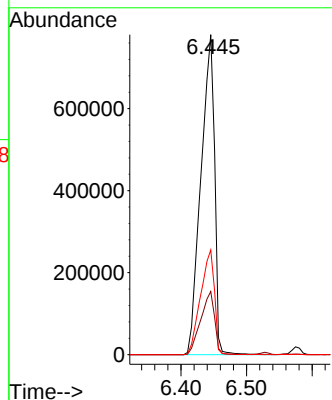
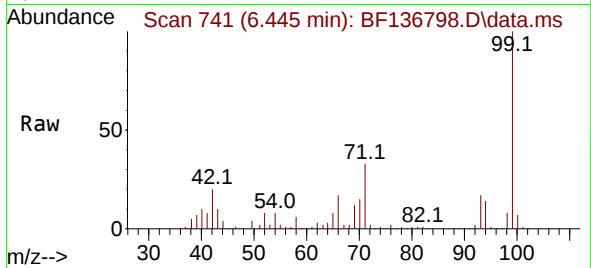
#7
Phenol-d6
Concen: 122.357 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136798.D
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Tgt Ion: 99 Resp: 113228
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 32.7 27.4 41.2

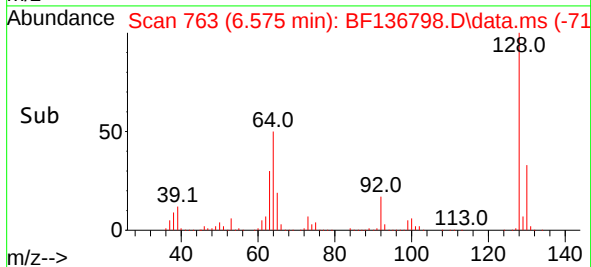
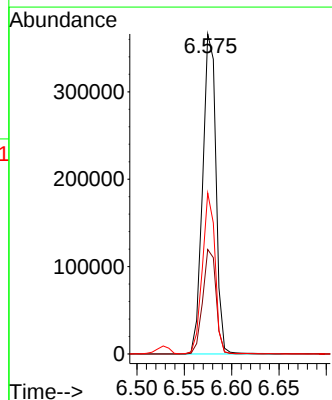
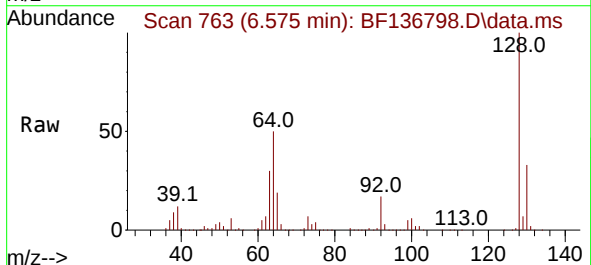
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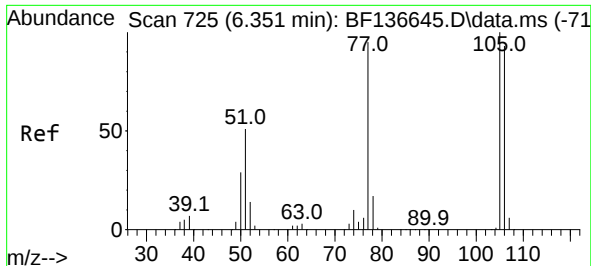
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#8
2-Chlorophenol
Concen: 45.970 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

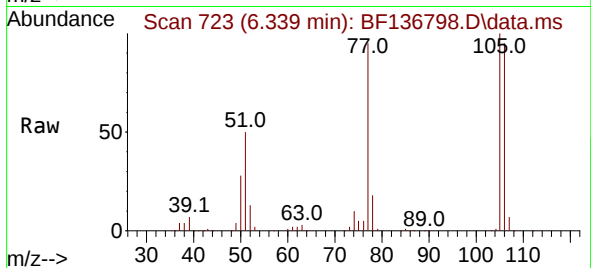
Tgt Ion:128 Resp: 359275
Ion Ratio Lower Upper
128 100
130 32.7 11.3 51.3
64 50.3 32.5 72.5





#9
Benzaldehyde
Concen: 18.160 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136798.D
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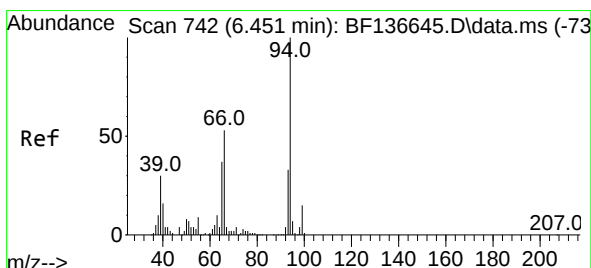
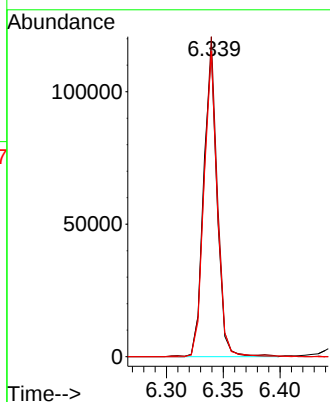
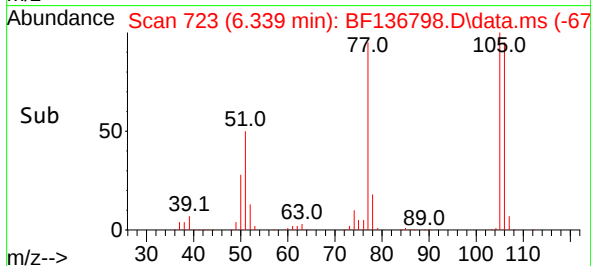
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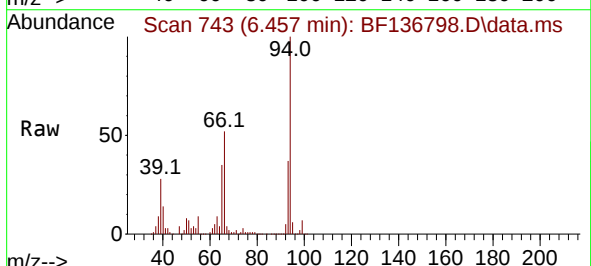
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Ion Ratio Lower Upper
77 100
105 105.0 84.8 124.8
106 100.2 77.8 117.8

Manual Integrations
APPROVED

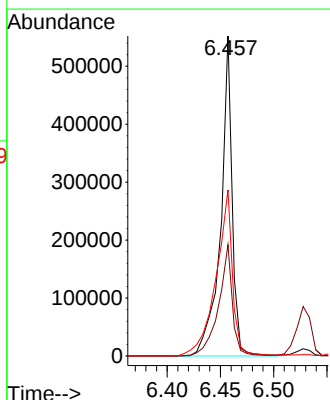
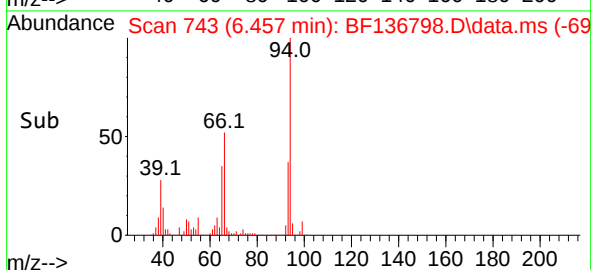
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

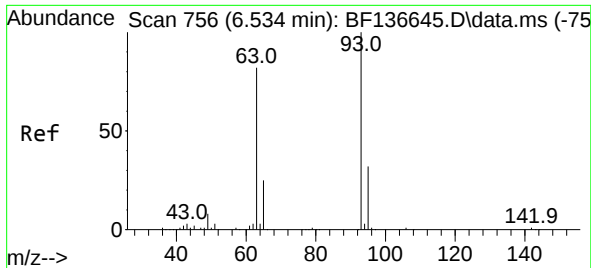


#10
Phenol
Concen: 41.823 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion: 94 Resp: 413154
Ion Ratio Lower Upper
94 100
65 34.7 16.6 56.6
66 51.9 32.6 72.6





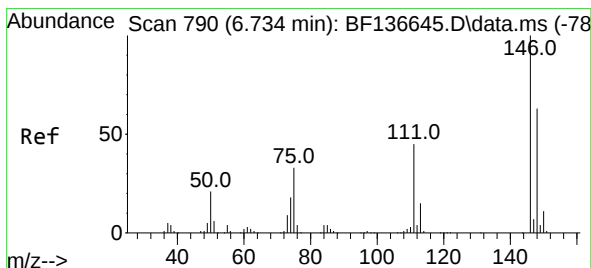
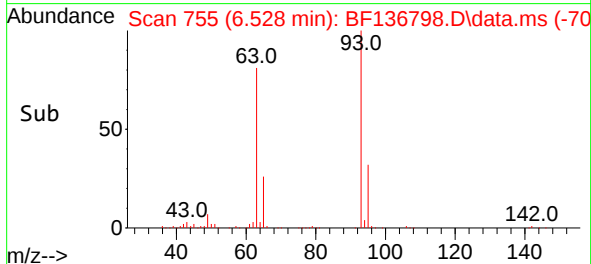
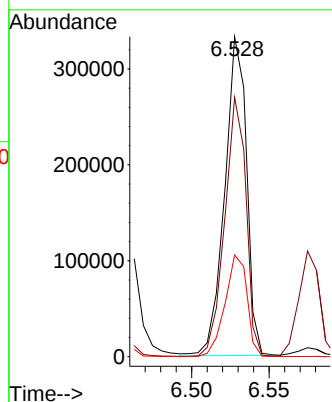
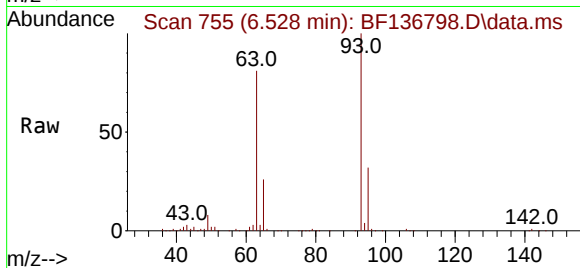
#11
bis(2-Chloroethyl)ether
Concen: 43.413 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :
BNA_F
ClientSampleId :
PB157953BS

Tgt Ion: 93 Resp: 32614
Ion Ratio Lower Upper
93 100
63 81.1 61.2 101.2
95 31.8 11.6 51.6

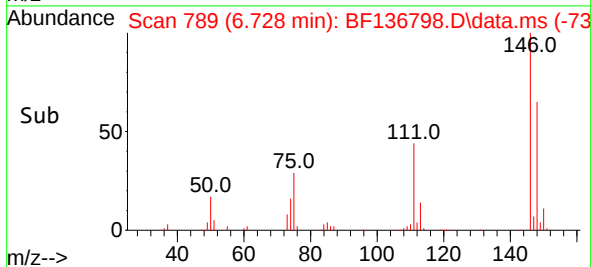
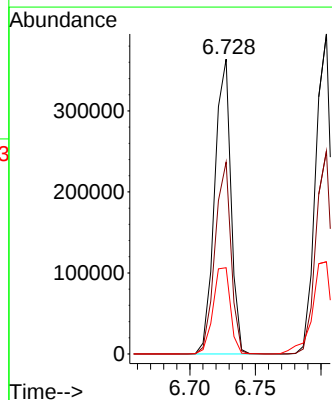
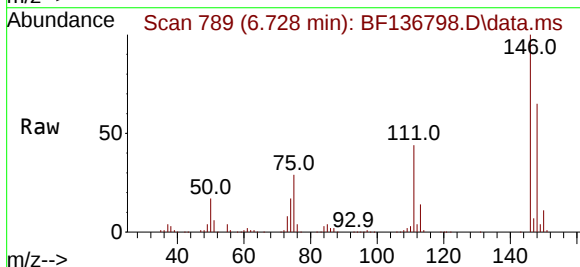
Manual Integrations
APPROVED

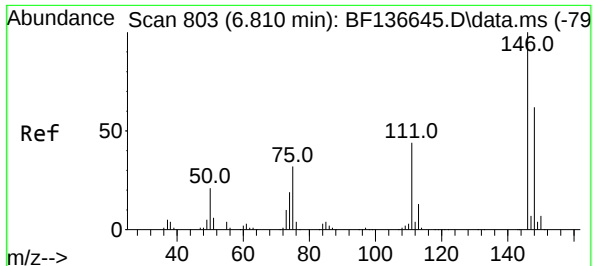
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#12
1,3-Dichlorobenzene
Concen: 36.791 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:146 Resp: 313671
Ion Ratio Lower Upper
146 100
148 65.0 50.5 75.7
75 29.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.456 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

Tgt Ion:146 Resp: 32629

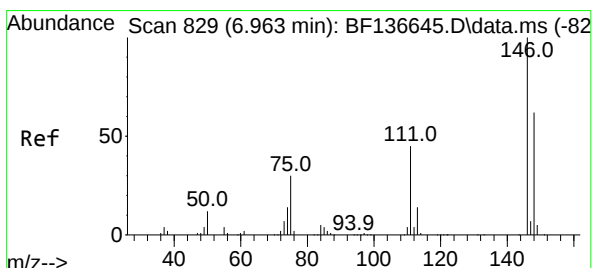
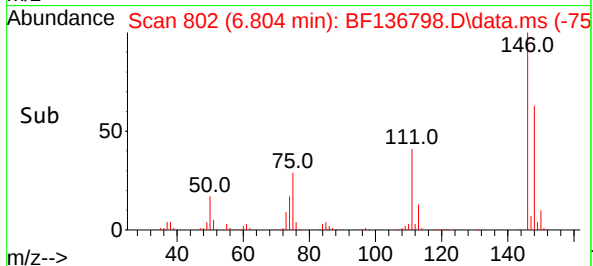
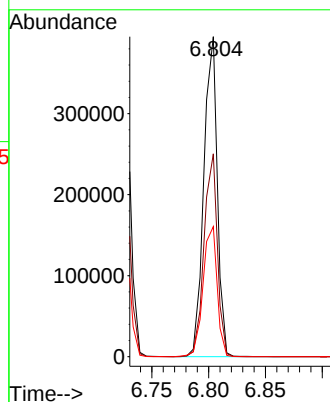
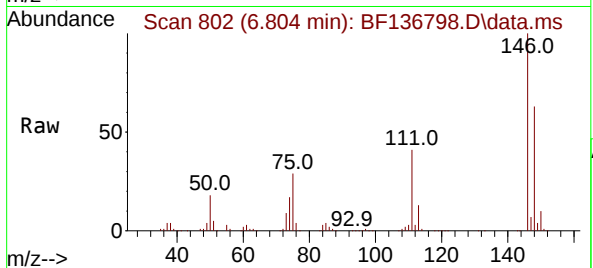
Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.2	73.8
111	40.6	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#14

1,2-Dichlorobenzene

Concen: 38.930 ng

RT: 6.951 min Scan# 827

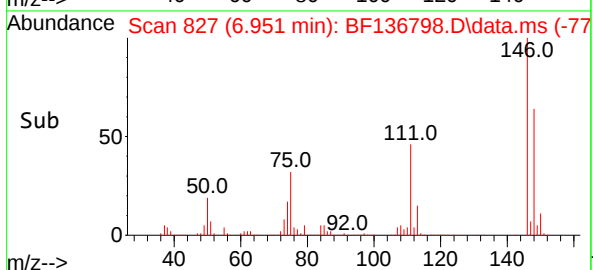
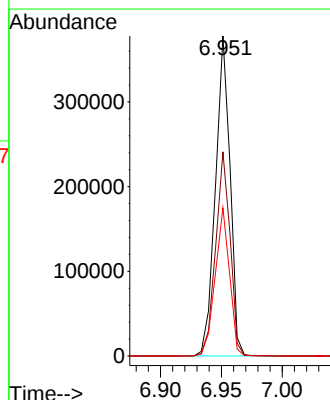
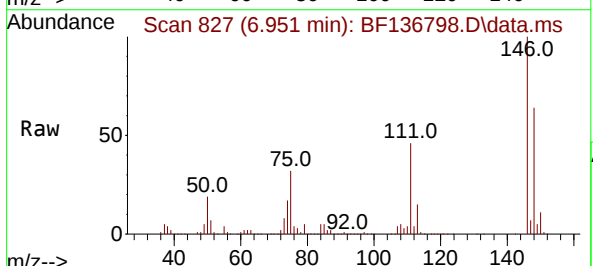
Delta R.T. -0.012 min

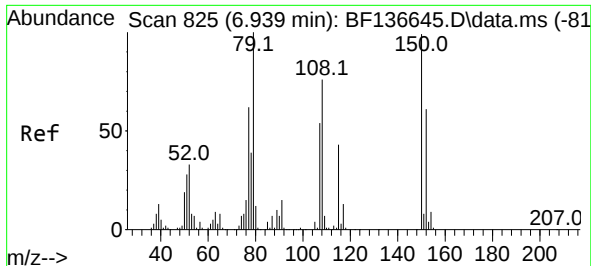
Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Tgt Ion:146 Resp: 315569

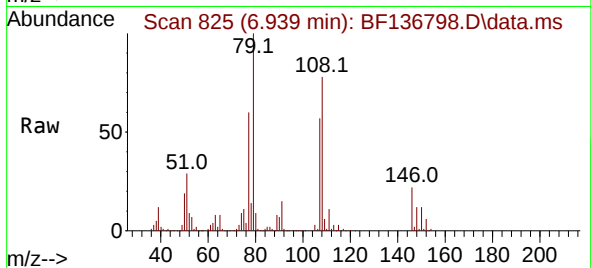
Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.6	74.4
111	46.3	36.2	54.2





#15
Benzyl Alcohol
Concen: 46.765 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

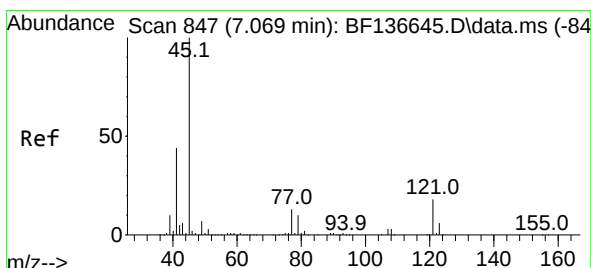
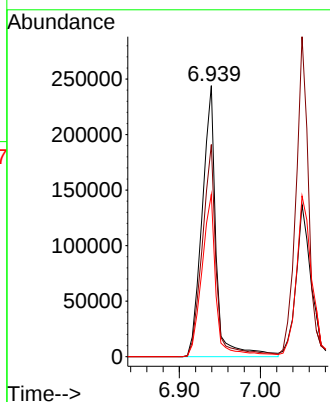
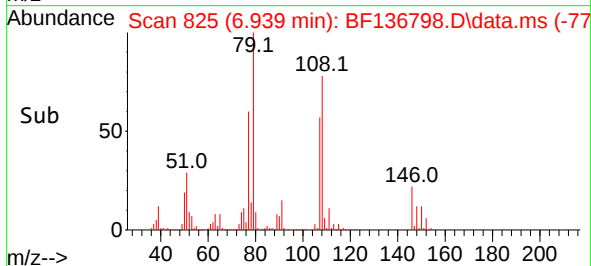
Instrument :
BNA_F
ClientSampleId :
PB157953BS



Tgt Ion: 79 Resp: 291958
Ion Ratio Lower Upper
79 100
108 78.3 61.0 91.6
77 59.9 49.8 74.8

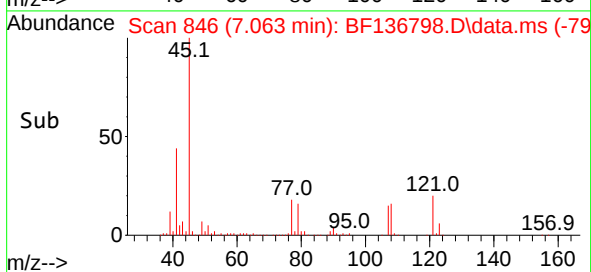
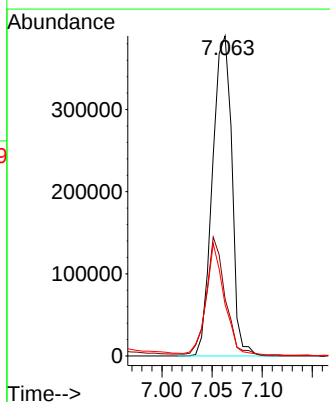
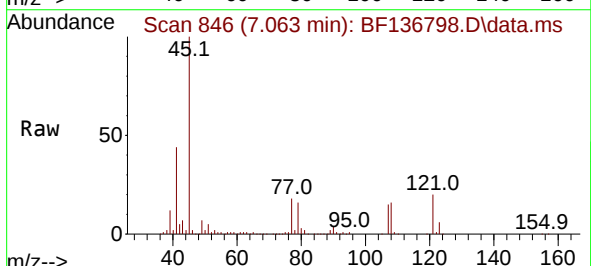
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APPROVED

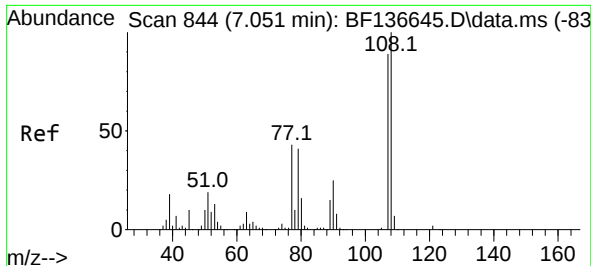
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.580 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion: 45 Resp: 522996
Ion Ratio Lower Upper
45 100
77 17.8 0.0 34.3
79 16.0 0.0 31.4





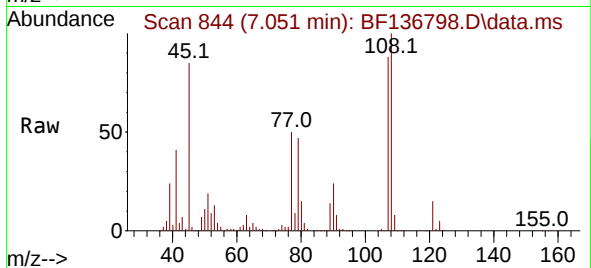
#17
2-Methylphenol
Concen: 43.115 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

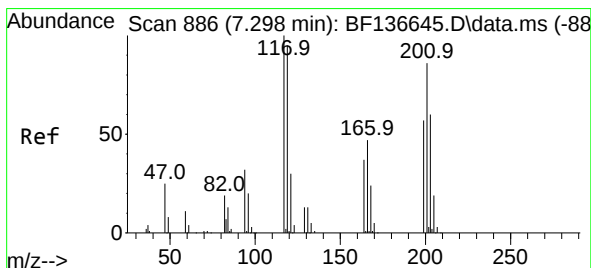
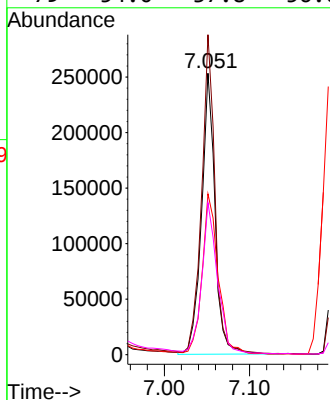
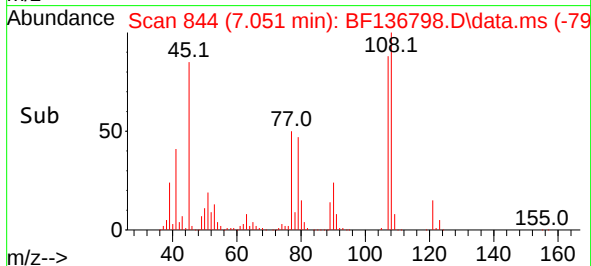


Tgt Ion:107 Resp: 279149
Ion Ratio Lower Upper
107 100
108 113.7 90.3 135.5
77 57.1 38.7 58.1
79 54.0 37.8 56.6

Manual Integrations

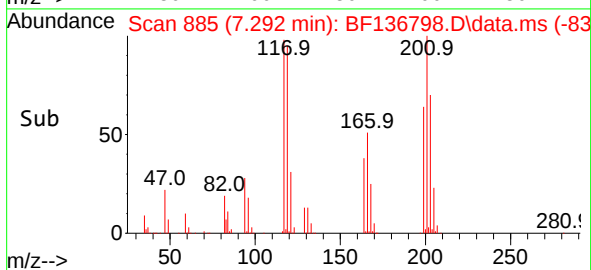
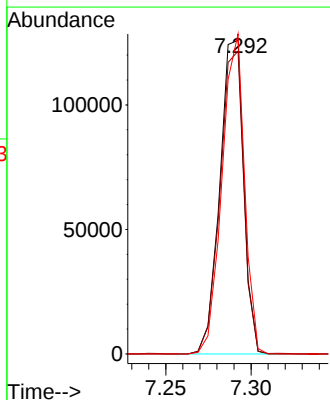
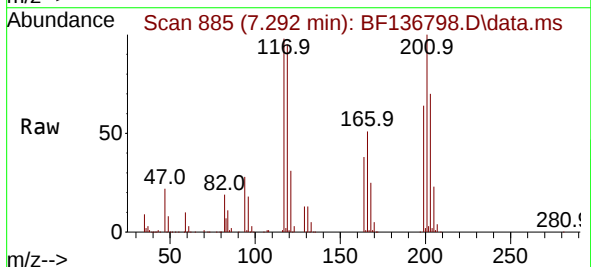
APPROVED

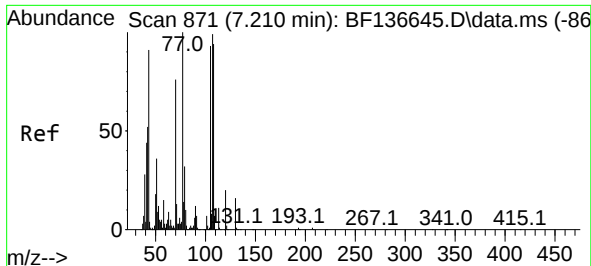
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#18
Hexachloroethane
Concen: 38.906 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

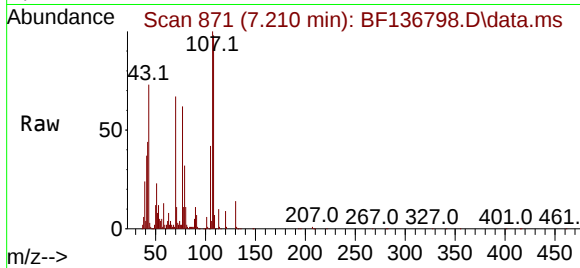
Tgt Ion:117 Resp: 123088
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
201 102.0 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.303 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

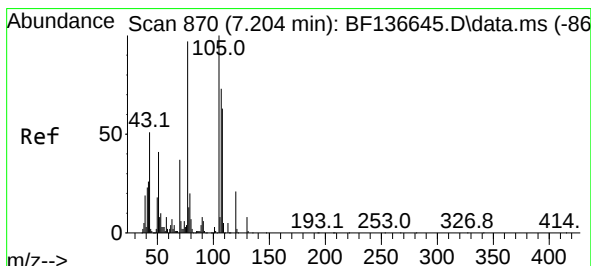
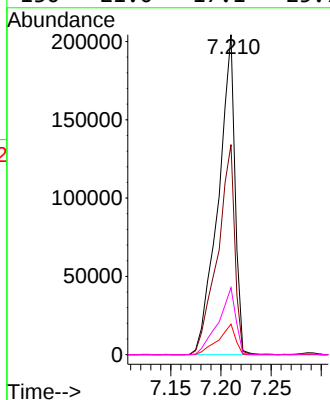
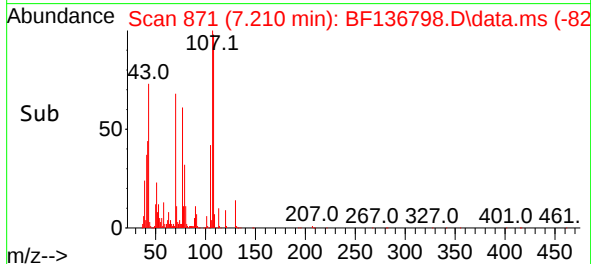
Instrument :
BNA_F
ClientSampleId :
PB157953BS



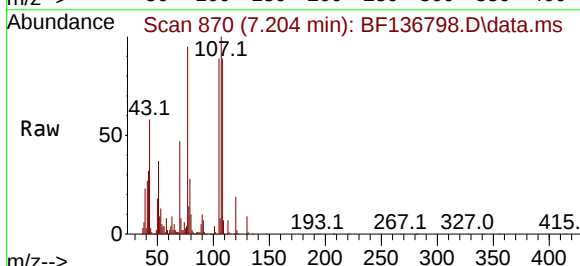
Tgt Ion: 70 Resp: 237308
Ion Ratio Lower Upper
70 100
42 65.7 54.2 81.4
101 9.5 7.6 11.4
130 21.0 17.1 25.7

Manual Integrations
APPROVED

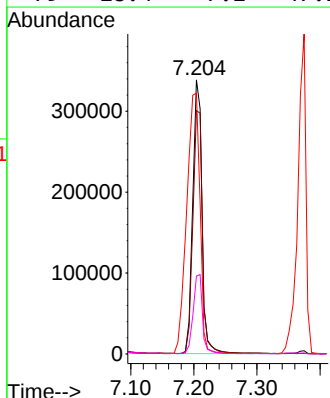
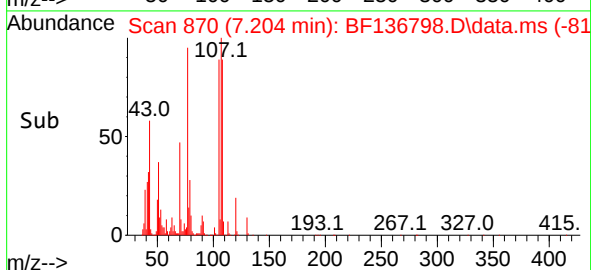
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

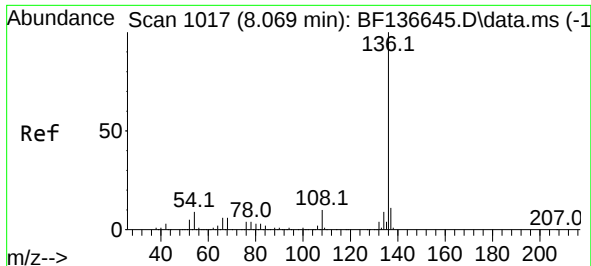


#20
3+4-Methylphenols
Concen: 42.554 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:107 Resp: 344207
Ion Ratio Lower Upper
107 100
108 88.8 66.0 106.0
77 95.1 114.2 154.2#
79 28.4 7.2 47.2





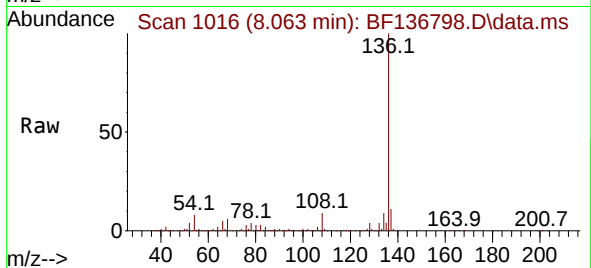
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

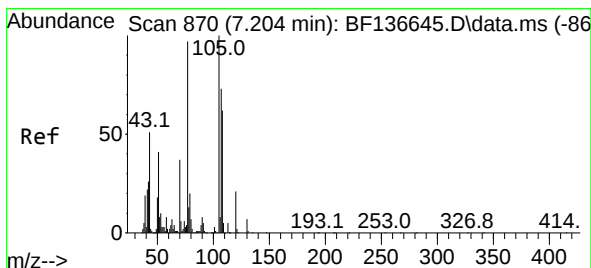
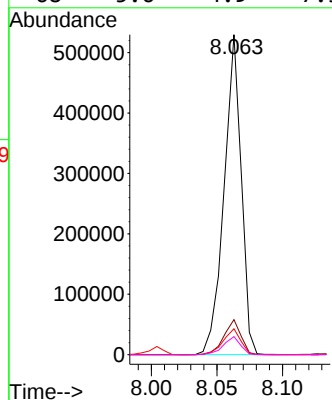
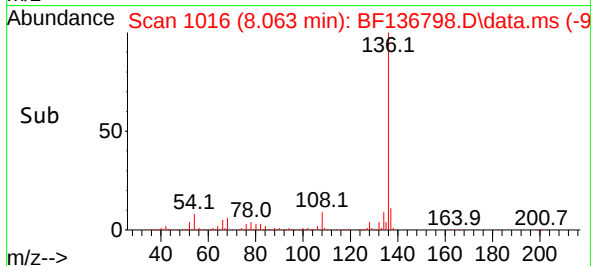


Tgt Ion:136 Resp: 48124
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.1 7.2 10.8
68 5.6 4.9 7.3

Manual Integrations

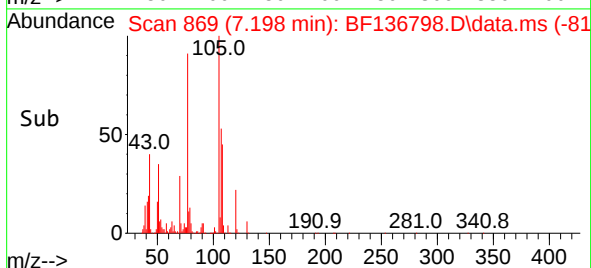
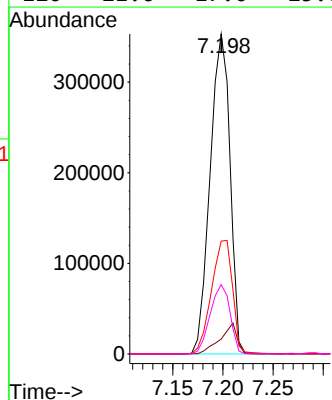
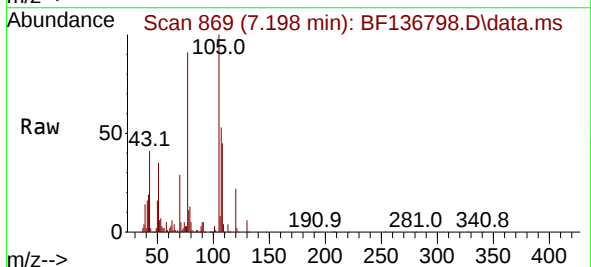
APPROVED

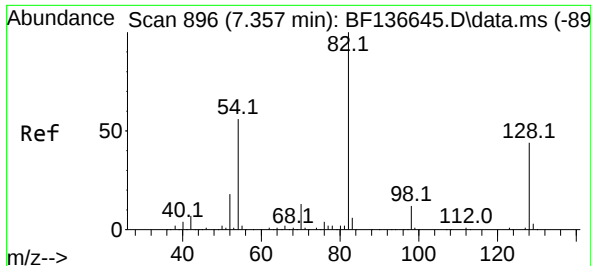
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#22
Acetophenone
Concen: 40.466 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:105 Resp: 488123
Ion Ratio Lower Upper
105 100
71 4.7 4.8 7.2#
51 35.2 32.8 49.2
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 75.068 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

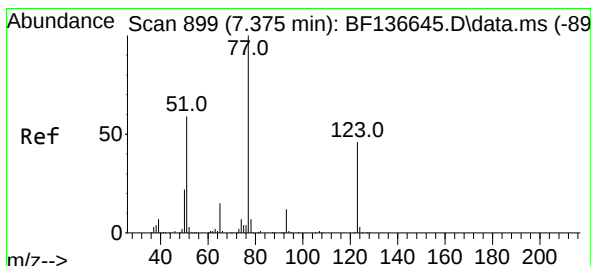
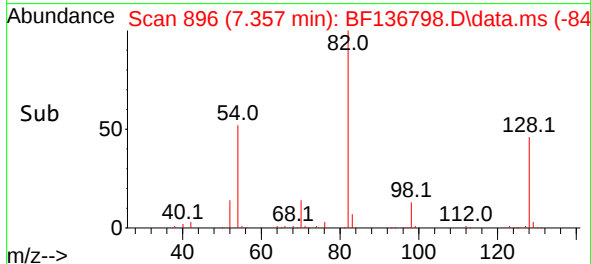
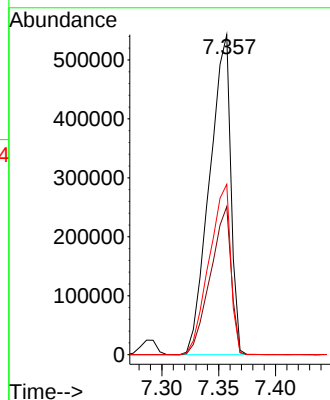
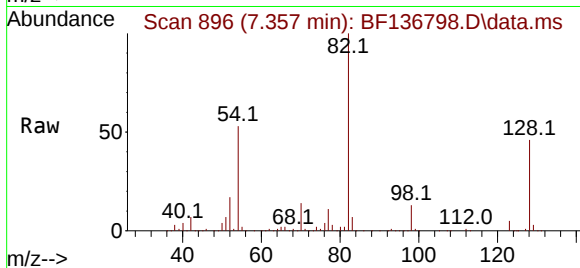
Tgt Ion: 82 Resp: 705994

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.3	52.9
54	53.3	44.5	66.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#24

Nitrobenzene

Concen: 37.682 ng

RT: 7.375 min Scan# 899

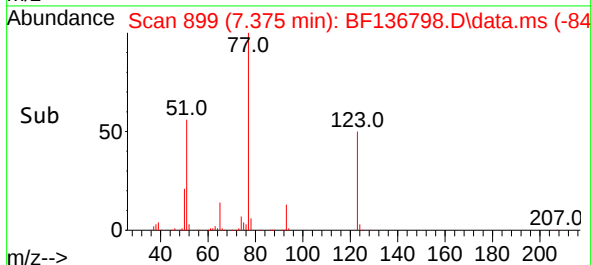
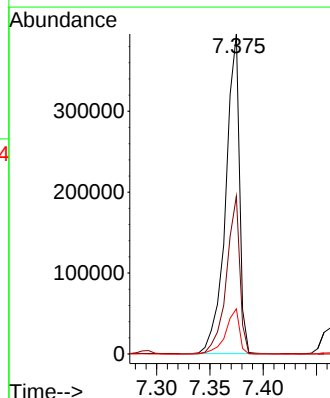
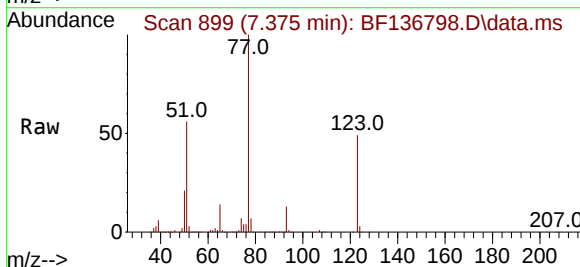
Delta R.T. 0.000 min

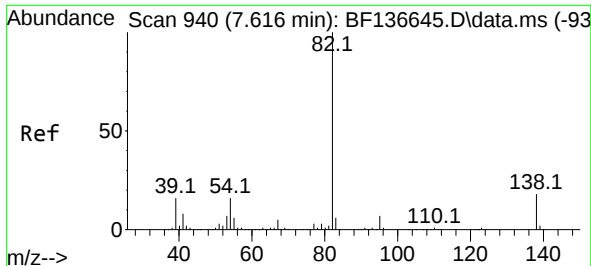
Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Tgt Ion: 77 Resp: 355007

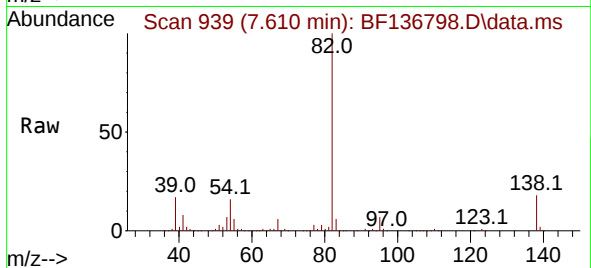
Ion	Ratio	Lower	Upper
77	100		
123	49.3	36.7	55.1
65	14.1	11.8	17.6





#25
Isophorone
Concen: 39.332 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

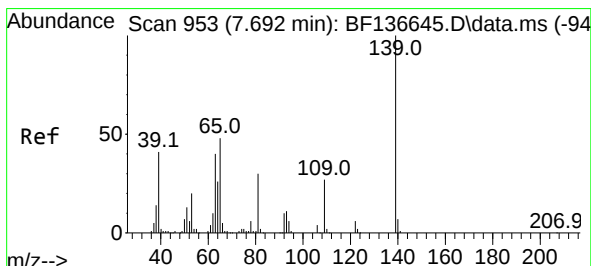
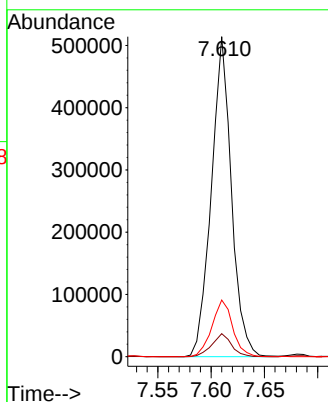
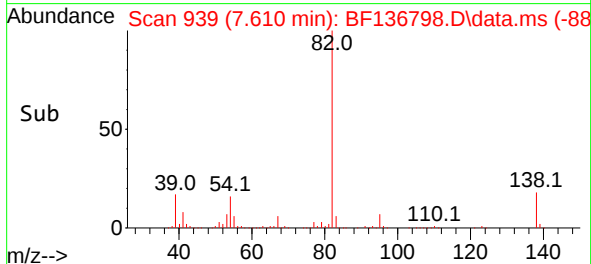
Instrument :
BNA_F
Client Sample Id :
PB157953BS



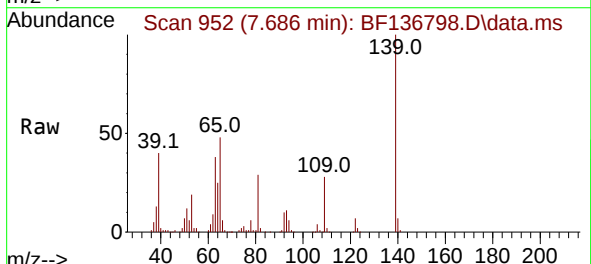
Tgt Ion: 82 Resp: 67308
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.7 14.5 21.7

Manual Integrations
APPROVED

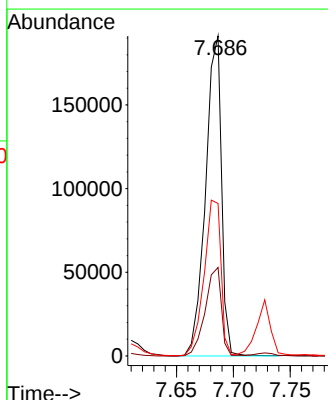
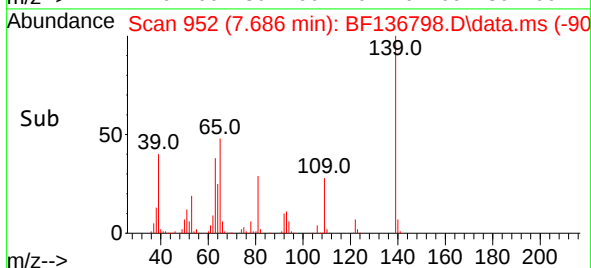
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

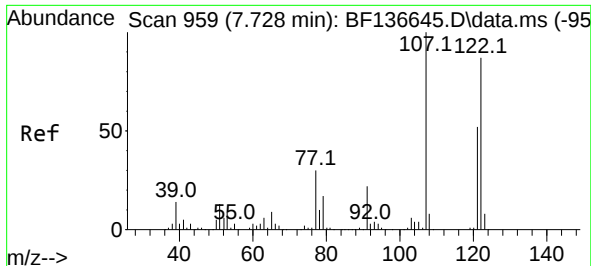


#26
2-Nitrophenol
Concen: 41.318 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:139 Resp: 186237
Ion Ratio Lower Upper
139 100
109 27.7 21.9 32.9
65 47.6 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 55.642 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

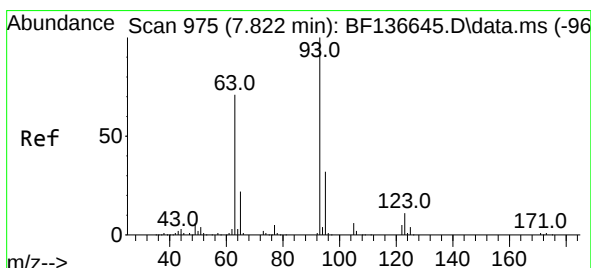
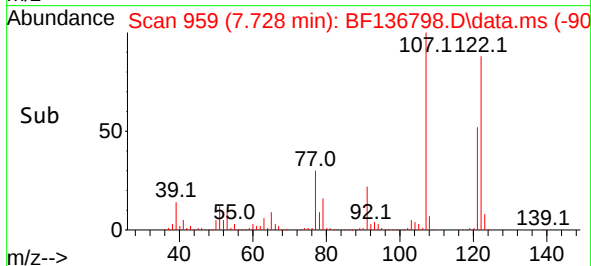
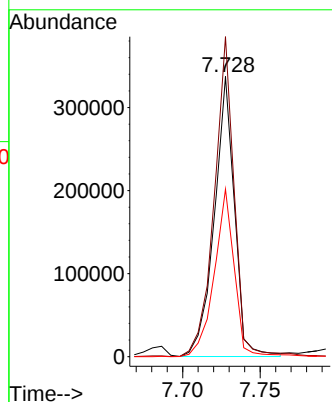
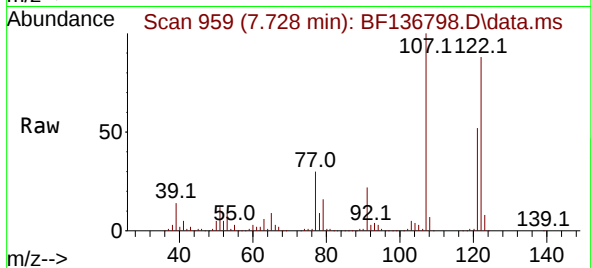
PB157953BS

Tgt Ion:122 Resp: 305334
Ion Ratio Lower Upper
122 100
107 114.2 92.0 138.0
121 59.8 47.5 71.3

Manual Integrations

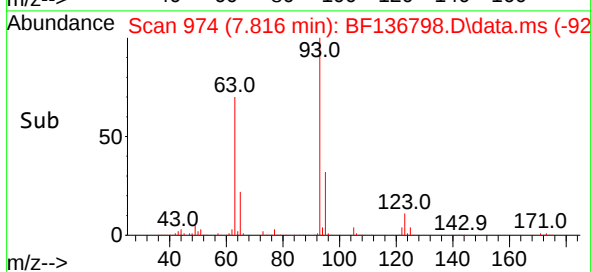
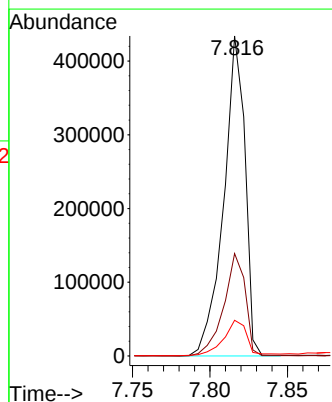
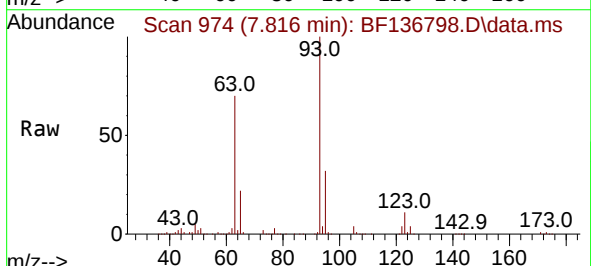
APPROVED

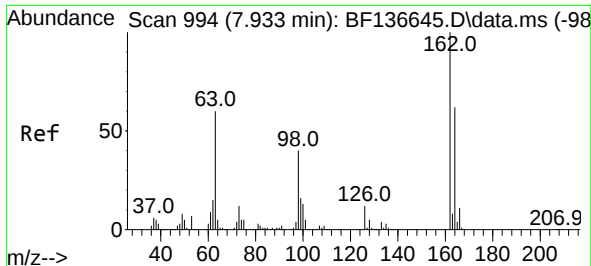
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.920 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion: 93 Resp: 415247
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.112 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

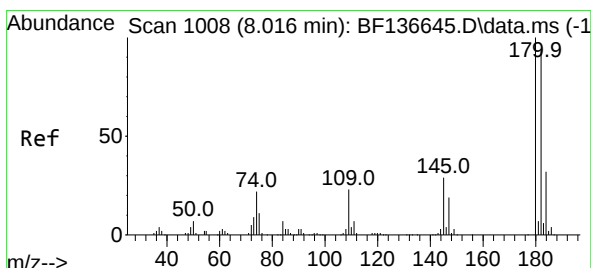
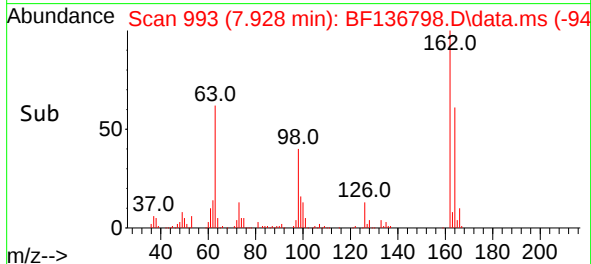
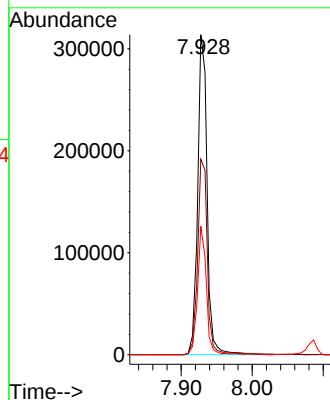
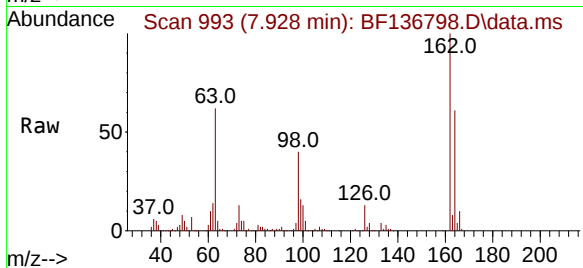
Tgt Ion:162 Resp: 290440
 Ion Ratio Lower Upper
 162 100
 164 61.1 41.7 81.7
 98 40.1 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 36.941 ng

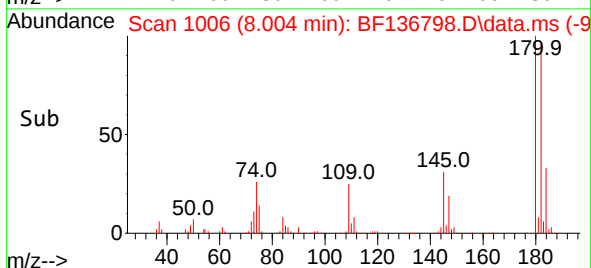
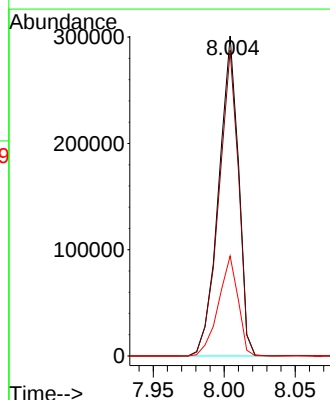
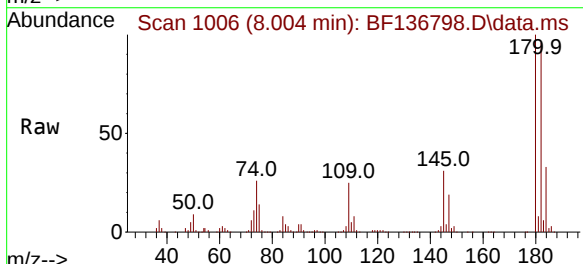
RT: 8.004 min Scan# 1006

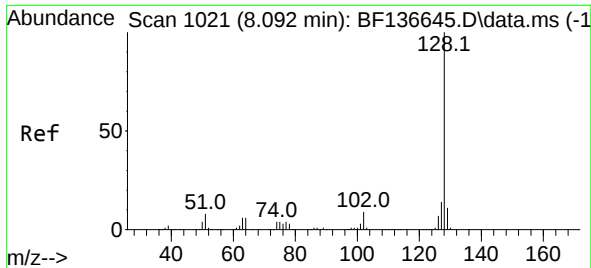
Delta R.T. -0.012 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Tgt Ion:180 Resp: 290776
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.4 113.0
 145 31.3 23.1 34.7





#31
Naphthalene
Concen: 37.081 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

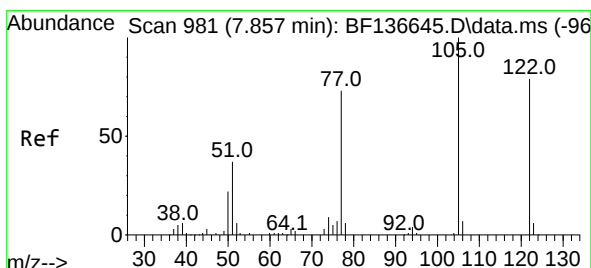
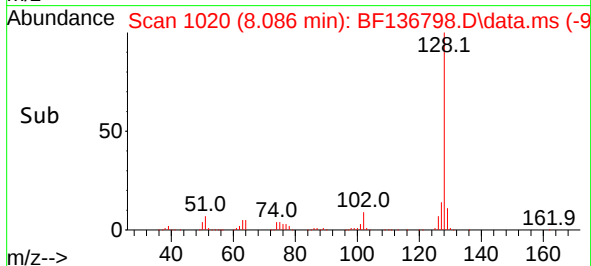
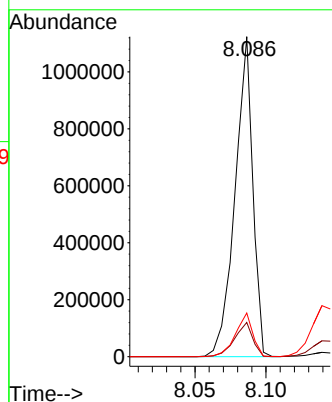
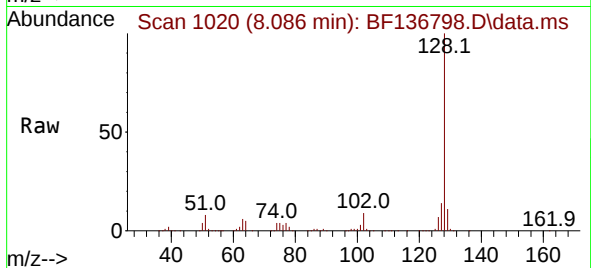
ClientSampleId :

PB157953BS

Tgt Ion:128 Resp: 98035
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.7 10.8 16.2

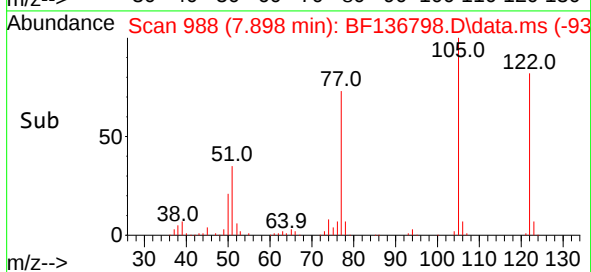
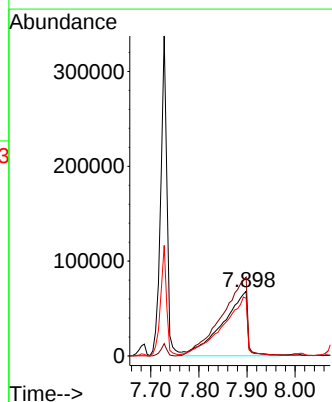
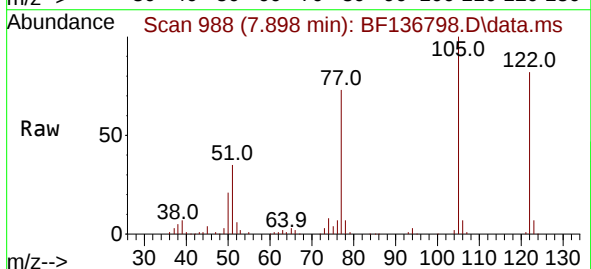
Manual Integrations
APPROVED

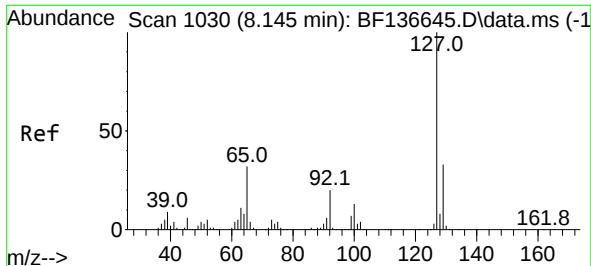
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#32
Benzoic acid
Concen: 46.717 ng m
RT: 7.898 min Scan# 988
Delta R.T. 0.041 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:122 Resp: 248047
Ion Ratio Lower Upper
122 100
105 122.0 100.8 140.8
77 89.4 70.9 110.9





#33
4-Chloroaniline
Concen: 25.696 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

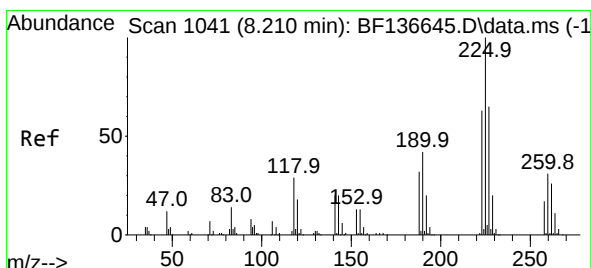
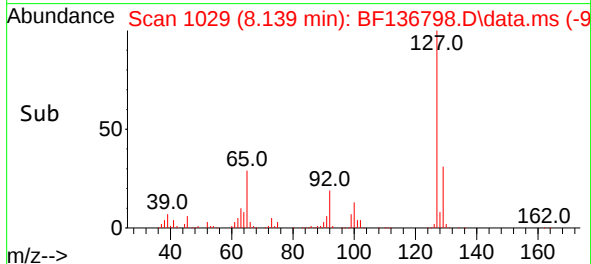
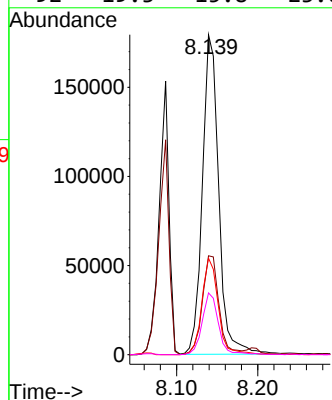
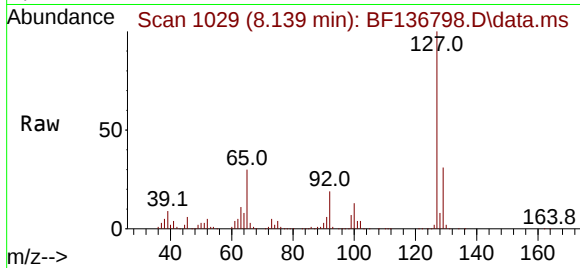
ClientSampleId :

PB157953BS

Tgt Ion:127 Resp: 250834
Ion Ratio Lower Upper
127 100
129 30.9 26.3 39.5
65 30.2 25.8 38.8
92 19.3 15.8 23.6

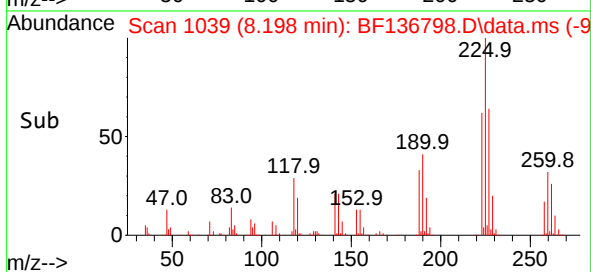
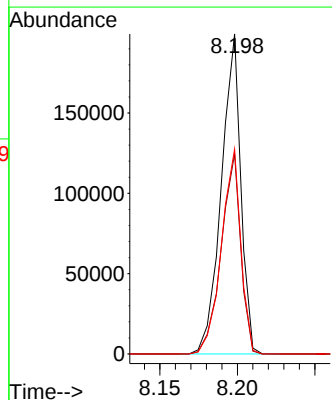
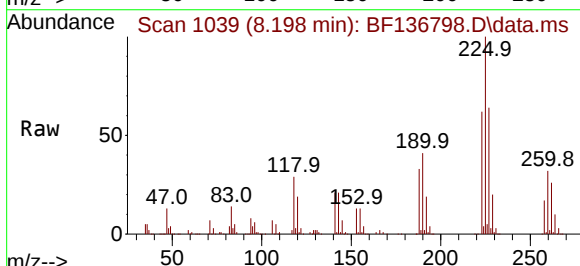
Manual Integrations
APPROVED

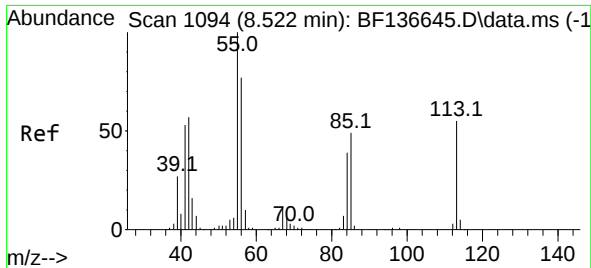
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#34
Hexachlorobutadiene
Concen: 36.331 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:225 Resp: 173749
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 64.1 51.9 77.9





#35
 Caprolactam
 Concen: 40.346 ng m
 RT: 8.533 min Scan# 1096
 Delta R.T. 0.012 min
 Lab File: BF136798.D
 Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

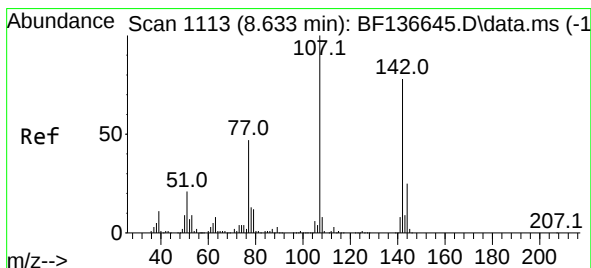
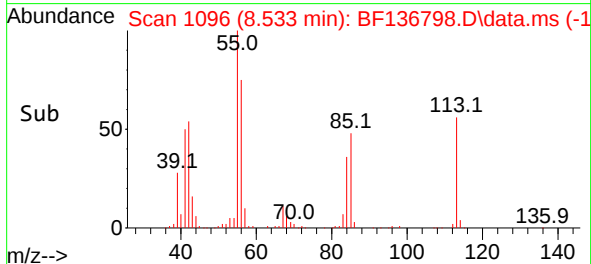
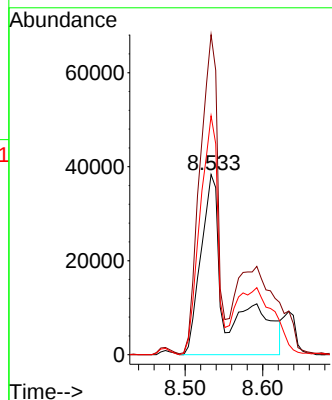
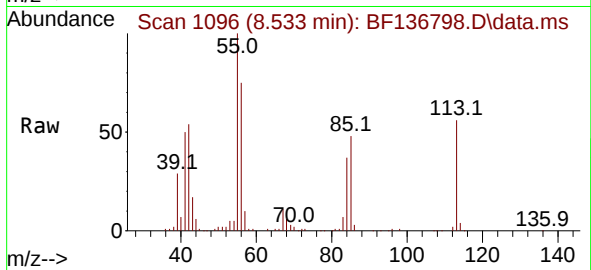
ClientSampleId :

PB157953BS

Tgt Ion:113 Resp: 9403
 Ion Ratio Lower Upper
 113 100
 55 177.7 163.1 203.1
 56 132.7 121.7 161.7

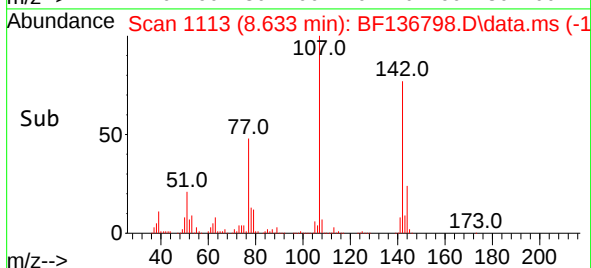
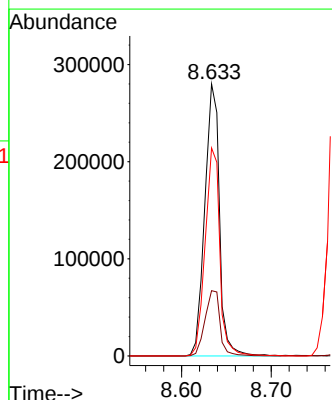
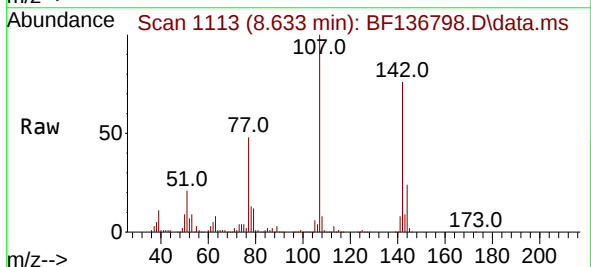
Manual Integrations
 APPROVED

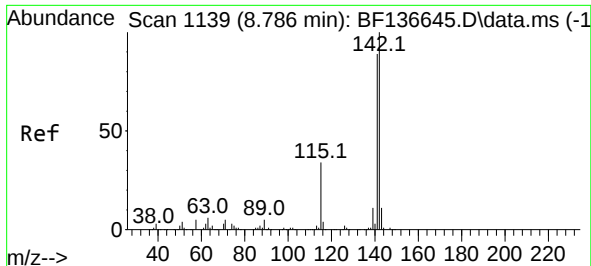
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.990 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136798.D
 Acq: 28 Dec 2023 17:42

Tgt Ion:107 Resp: 318053
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.2 30.2
 142 76.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.048 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

Tgt Ion:142 Resp: 647389

Ion Ratio Lower Upper

142 100

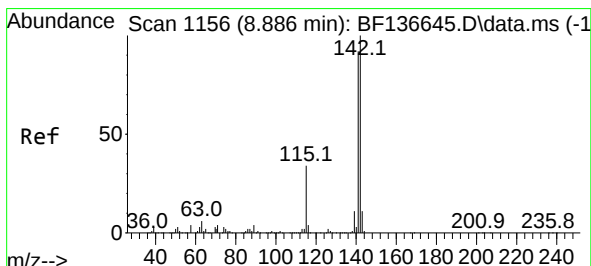
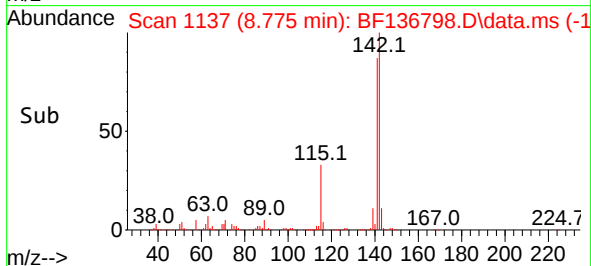
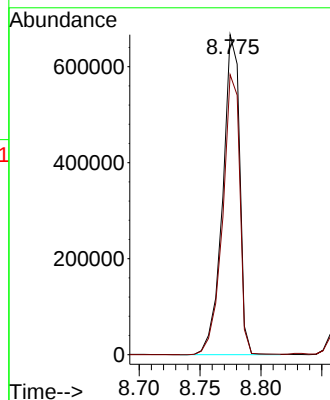
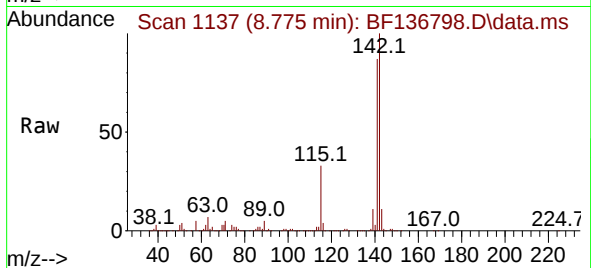
141 87.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#38

1-Methylnaphthalene

Concen: 35.821 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136798.D

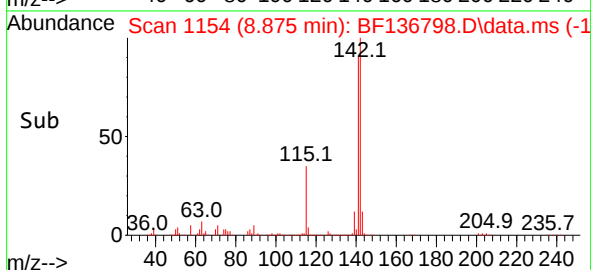
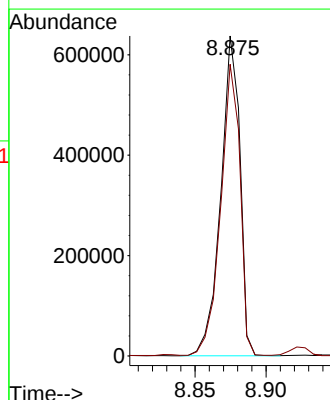
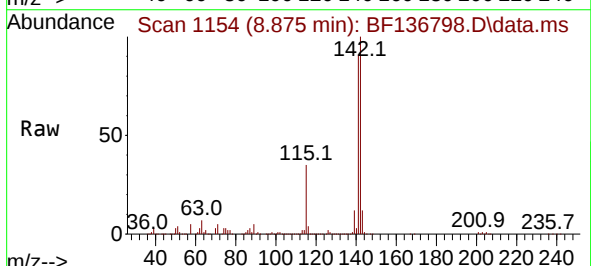
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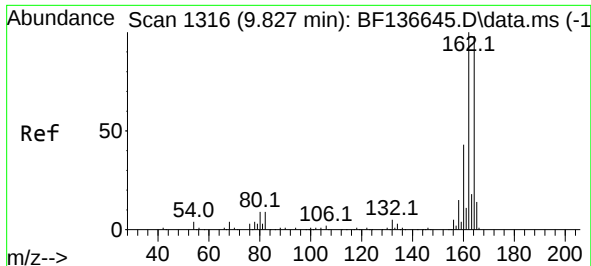
Tgt Ion:142 Resp: 597967

Ion Ratio Lower Upper

142 100

141 91.1 73.6 110.4





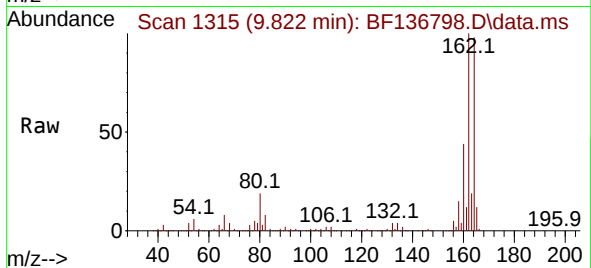
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS



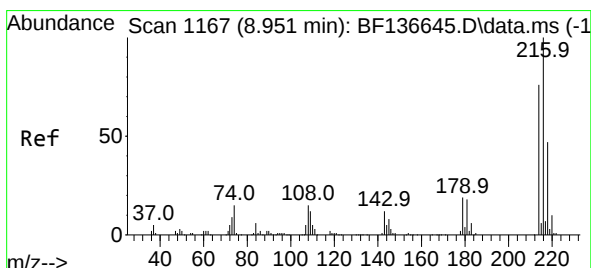
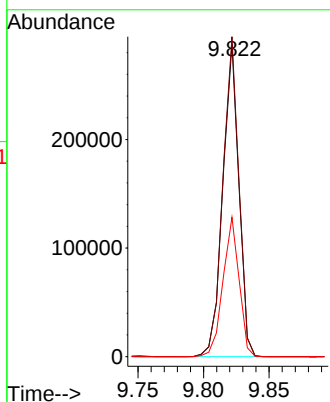
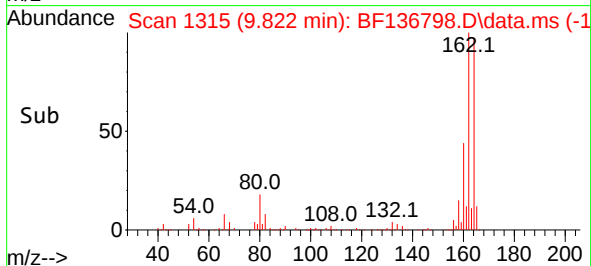
Tgt Ion:164 Resp: 24488
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 44.6 34.9 52.3

Manual Integrations

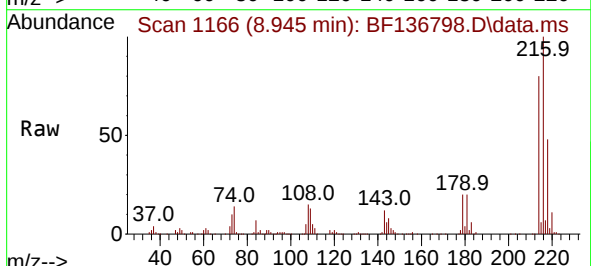
APPROVED

Reviewed By :Yogesh Patel 12/29/2023

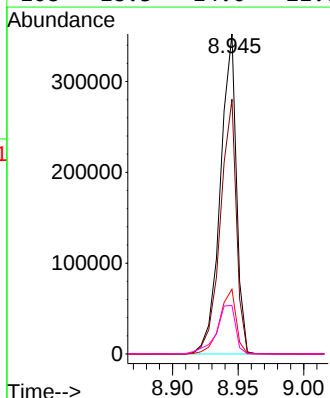
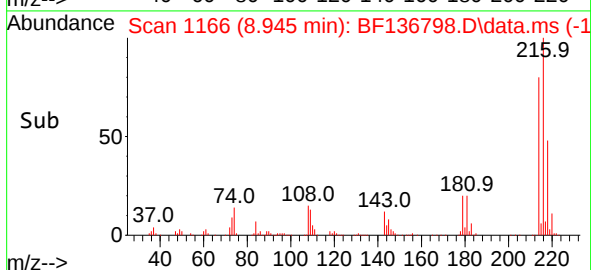
Supervised By :mohammad ahmed 12/29/2023

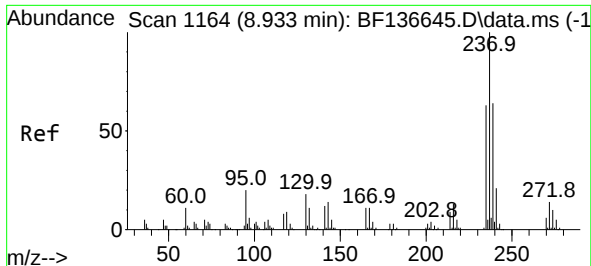


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.610 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:216 Resp: 300398
Ion Ratio Lower Upper
216 100
214 79.4 62.3 93.5
179 20.6 16.4 24.6
108 18.3 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 60.667 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

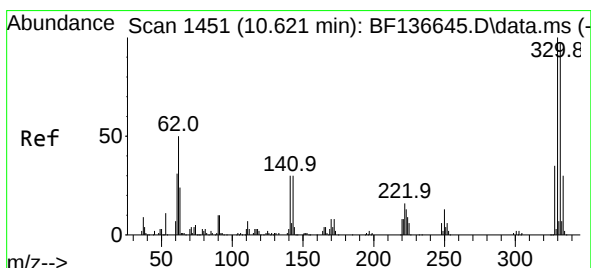
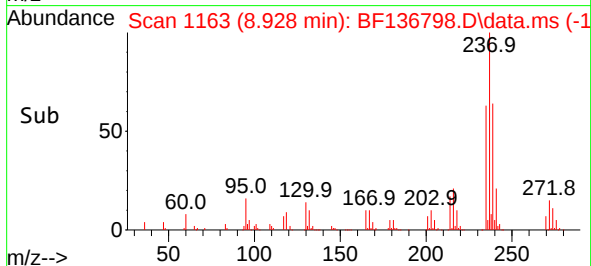
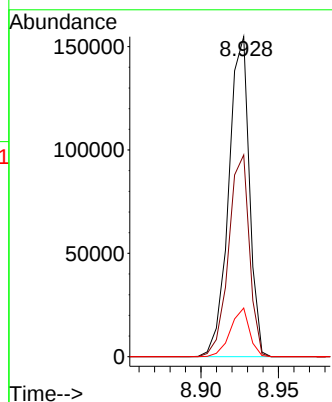
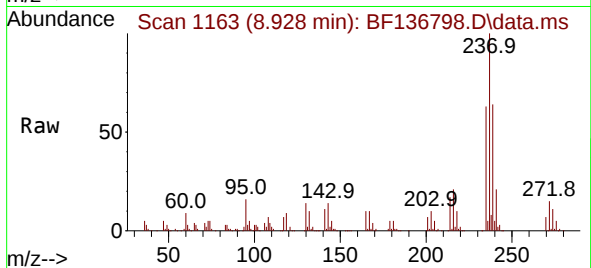
PB157953BS

Tgt Ion:237 Resp: 143650
Ion Ratio Lower Upper
237 100
235 63.1 43.2 83.2
272 15.2 0.0 34.2

Manual Integrations

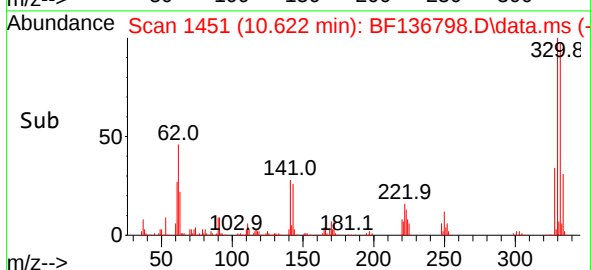
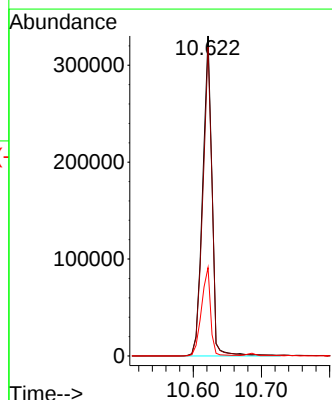
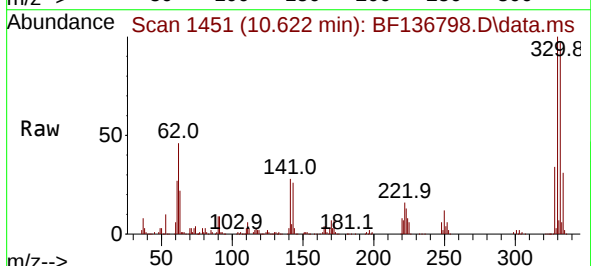
APPROVED

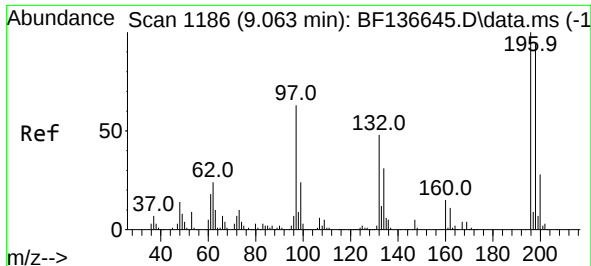
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#42
2,4,6-Tribromophenol
Concen: 108.895 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

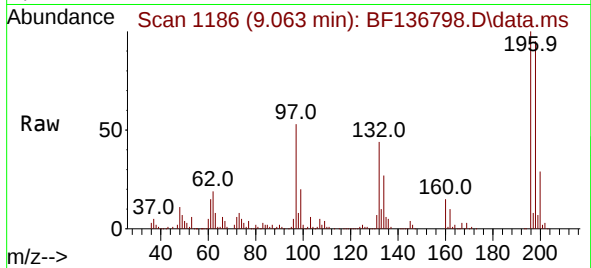
Tgt Ion:330 Resp: 314058
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 27.1 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 42.360 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

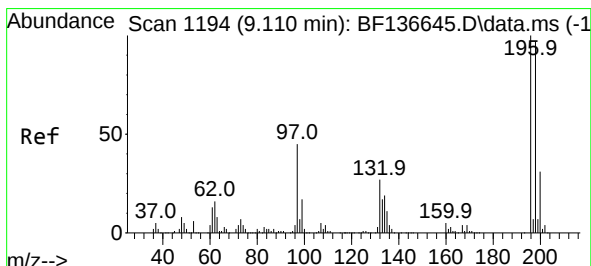
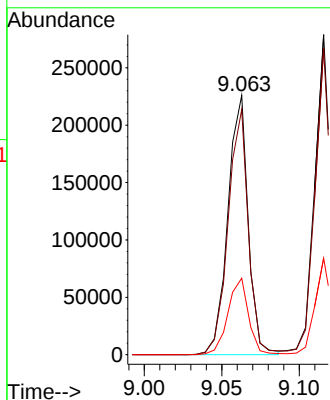
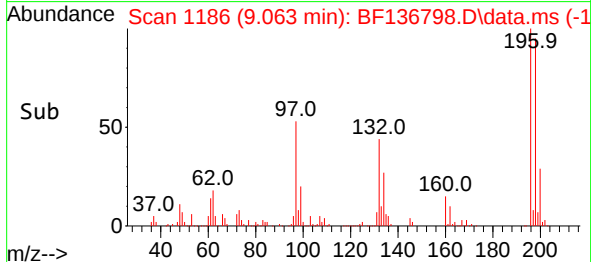
Instrument :
BNA_F
ClientSampleId :
PB157953BS



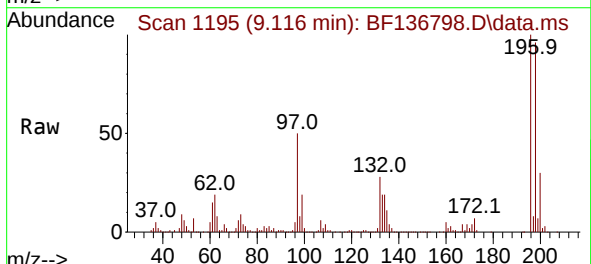
Tgt Ion:196 Resp: 206025
Ion Ratio Lower Upper
196 100
198 94.5 75.1 112.7
200 29.5 22.5 33.7

Manual Integrations
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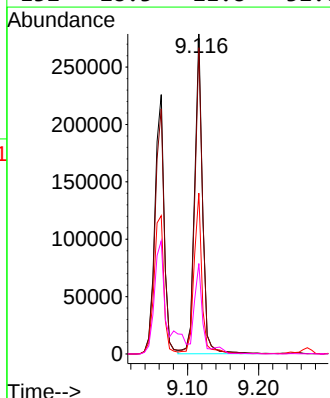
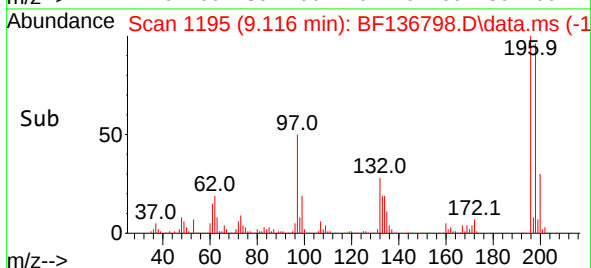
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

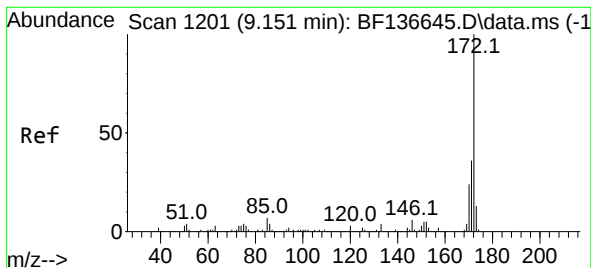


#44
2,4,5-Trichlorophenol
Concen: 39.692 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:196 Resp: 215125
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
97 50.3 36.1 54.1
132 28.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 73.494 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

Tgt Ion:172 Resp: 1338114

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

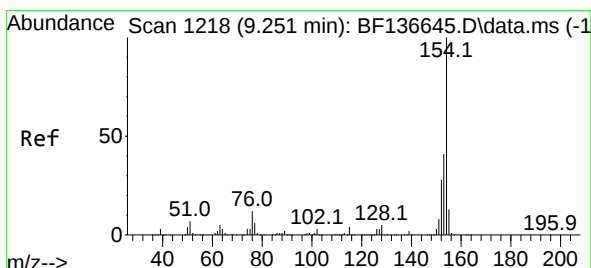
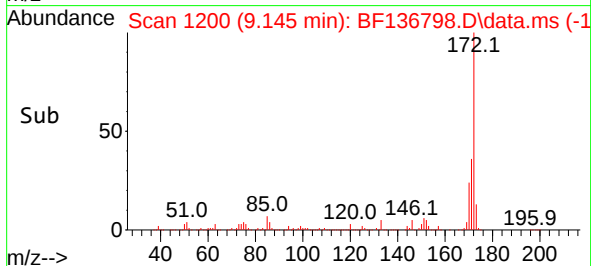
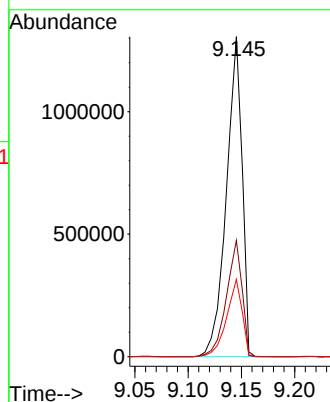
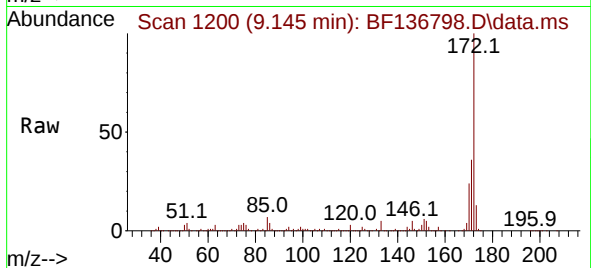
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#46

1,1'-Biphenyl

Concen: 39.858 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

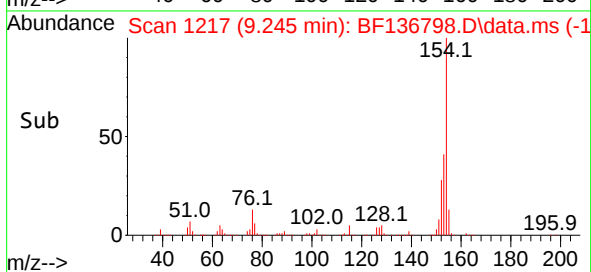
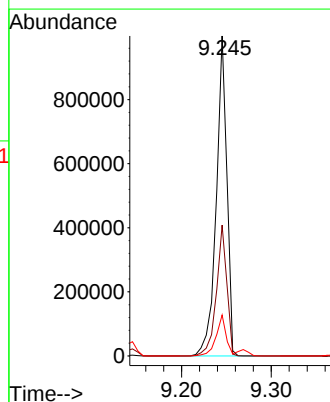
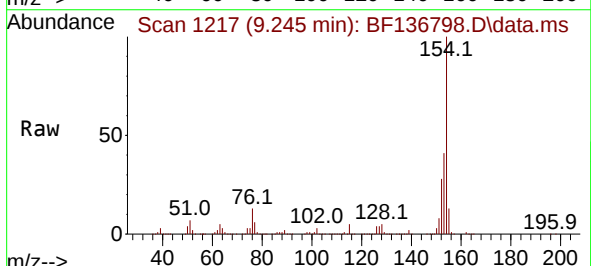
Tgt Ion:154 Resp: 819061

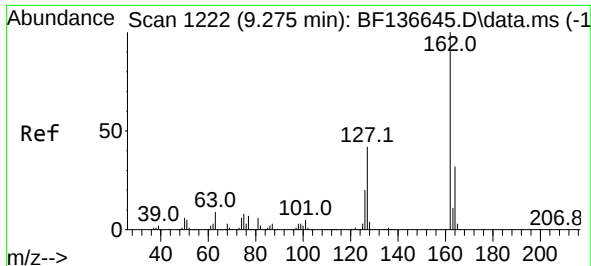
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 12.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.711 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

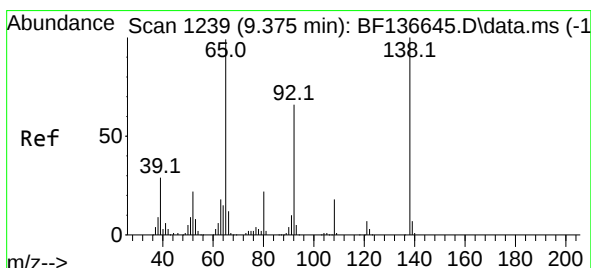
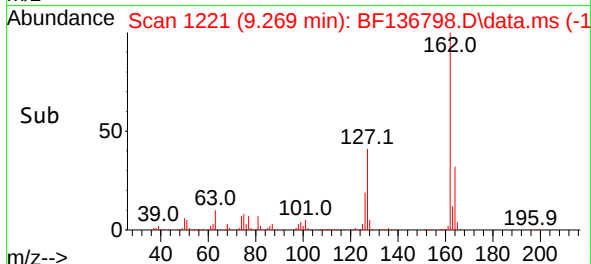
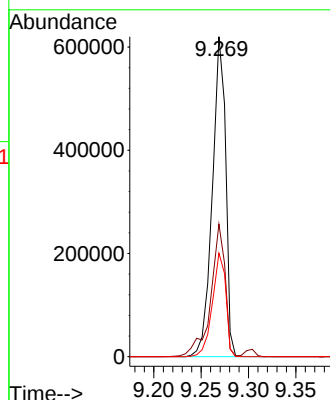
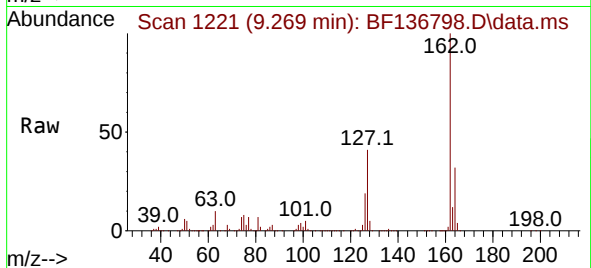
ClientSampleId :

PB157953BS

Tgt Ion:162 Resp: 604735
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.6 50.4
 164 32.4 25.7 38.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#48

2-Nitroaniline

Concen: 40.340 ng

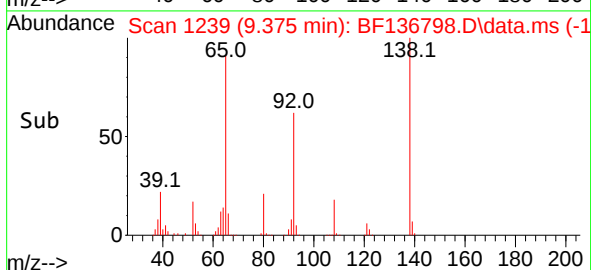
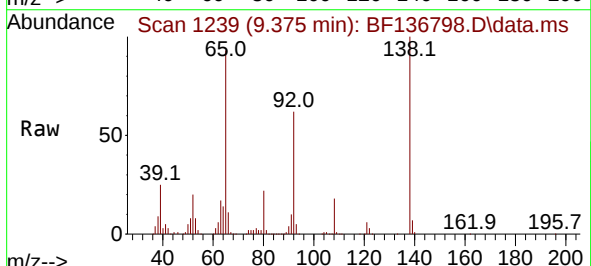
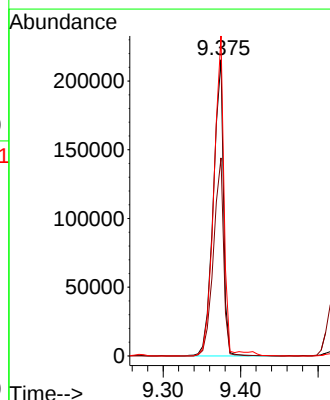
RT: 9.375 min Scan# 1239

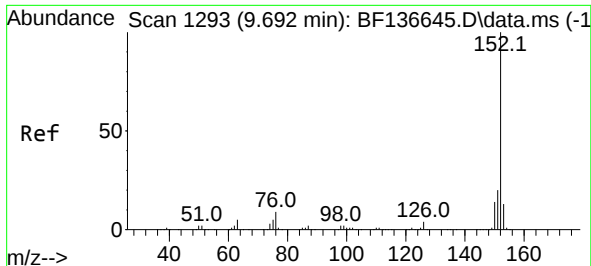
Delta R.T. 0.000 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Tgt Ion: 65 Resp: 197345
 Ion Ratio Lower Upper
 65 100
 92 66.9 53.2 79.8
 138 108.0 81.1 121.7





#49

Acenaphthylene

Concen: 38.461 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136798.D

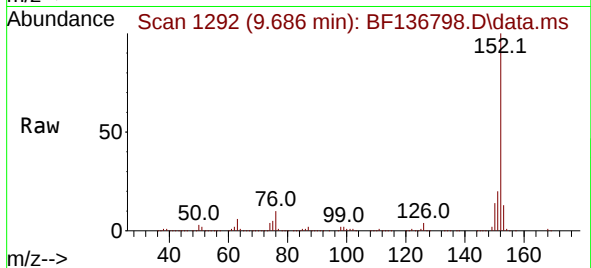
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS



Tgt Ion:152 Resp: 918378

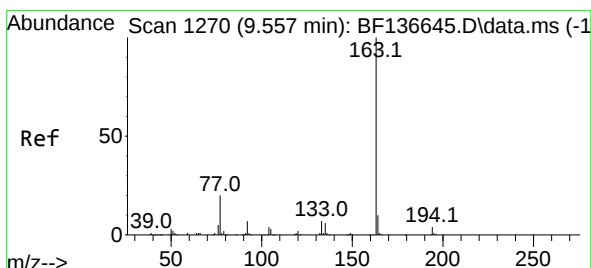
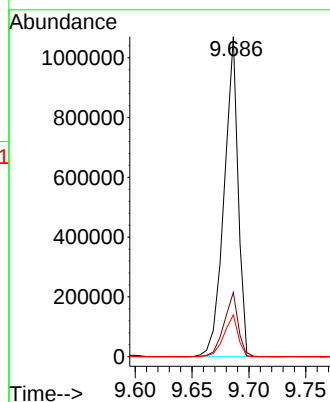
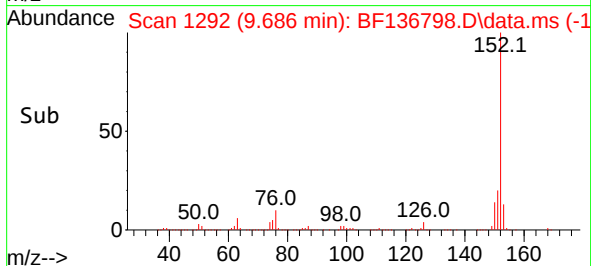
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.0	10.2	15.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#50

Dimethylphthalate

Concen: 40.000 ng

RT: 9.557 min Scan# 1270

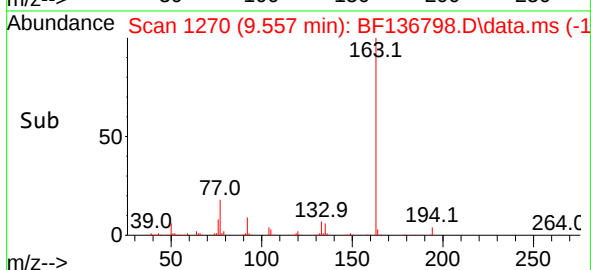
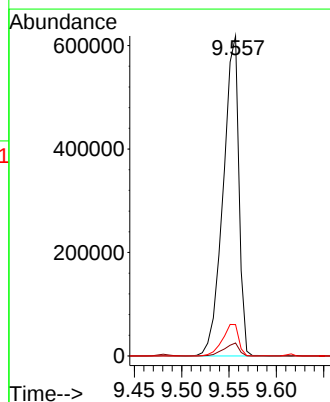
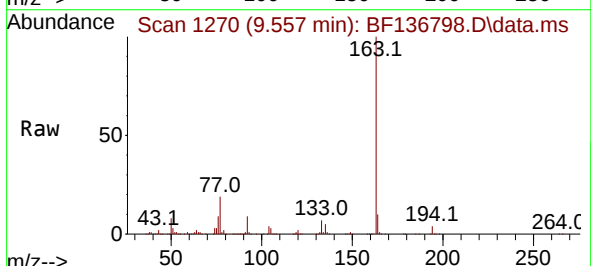
Delta R.T. 0.000 min

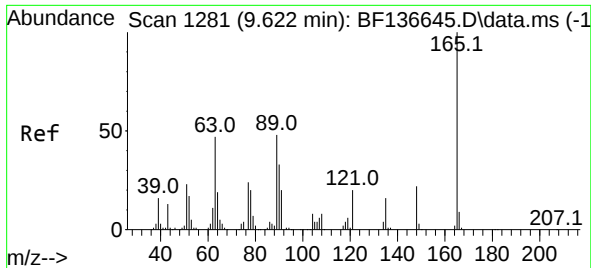
Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Tgt Ion:163 Resp: 715475

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.8	7.8	11.6





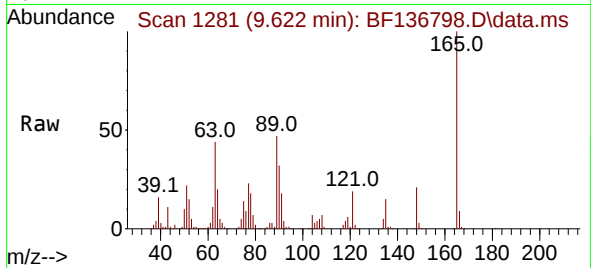
#51
2,6-Dinitrotoluene
Concen: 38.377 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

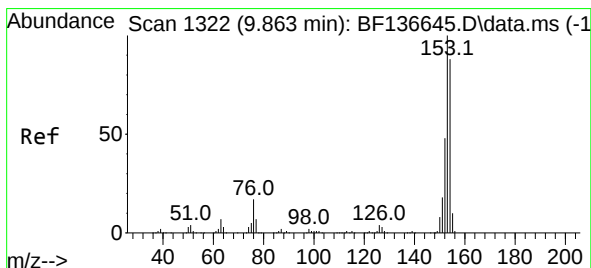
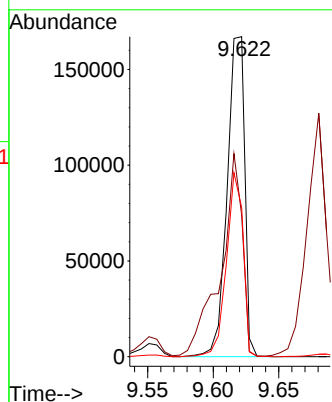
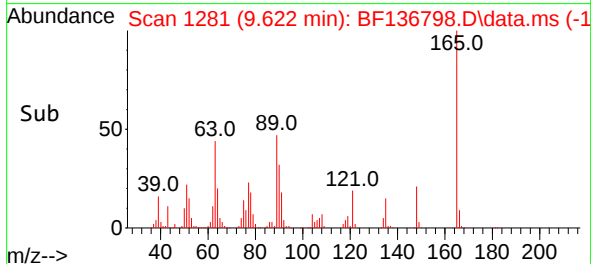


Tgt Ion:165 Resp: 155790
Ion Ratio Lower Upper
165 100
63 44.3 39.8 59.6
89 46.6 38.8 58.2

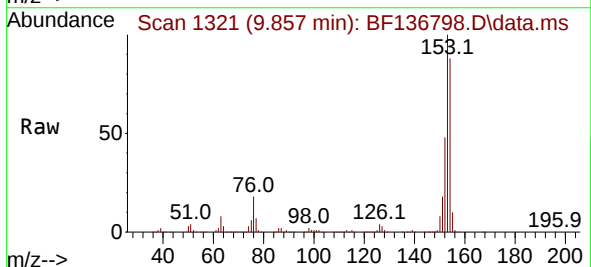
Manual Integrations

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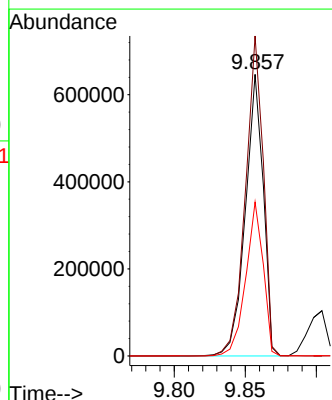
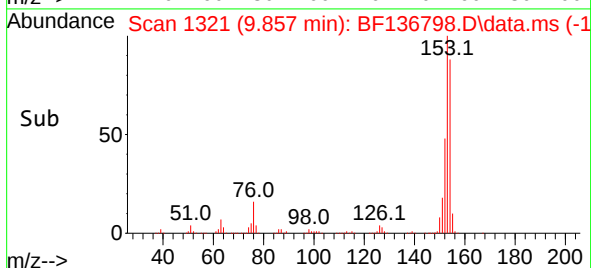
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

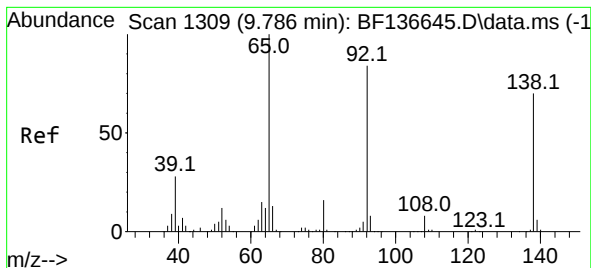


#52
Acenaphthene
Concen: 38.344 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:154 Resp: 567548
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 54.7 43.7 65.5





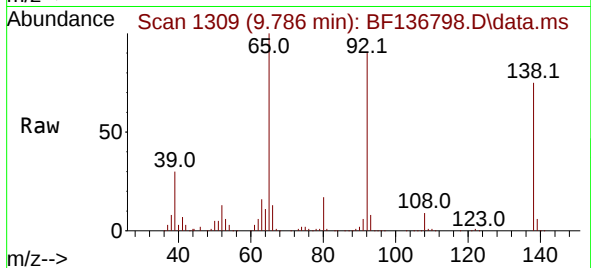
#53
3-Nitroaniline
Concen: 30.159 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

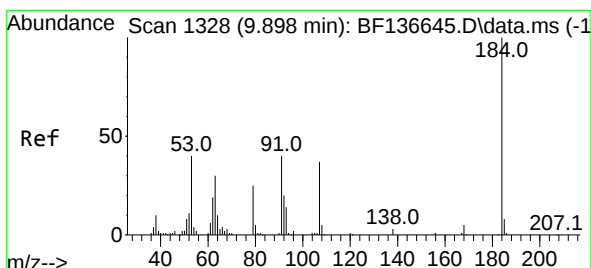
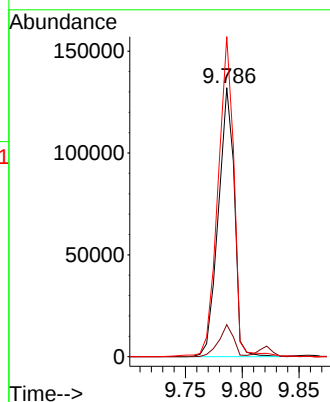
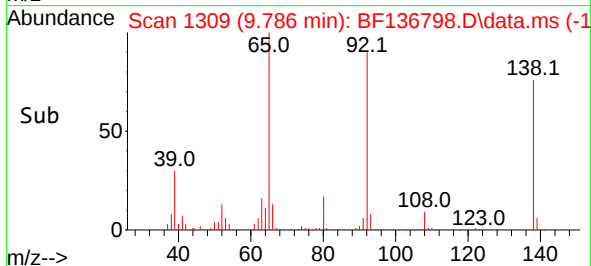


Tgt Ion:138 Resp: 12969
Ion Ratio Lower Upper
138 100
108 11.9 8.6 12.8
92 118.9 95.2 142.8

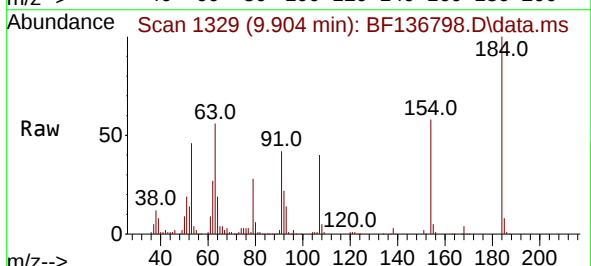
Manual Integrations

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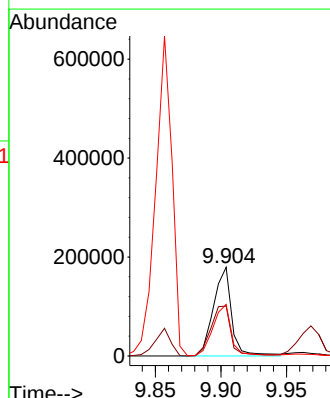
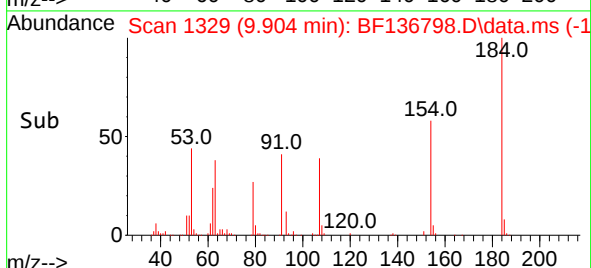
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

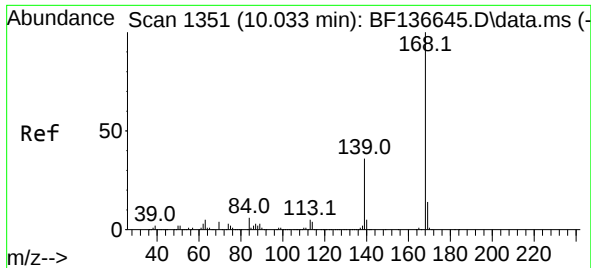


#54
2,4-Dinitrophenol
Concen: 77.163 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



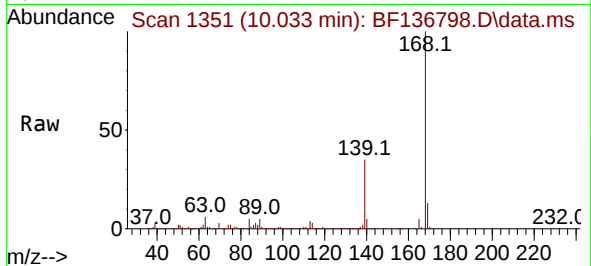
Tgt Ion:184 Resp: 173290
Ion Ratio Lower Upper
184 100
63 56.3 40.9 61.3
154 58.2 42.7 64.1





#55
Dibenzenofuran
Concen: 37.813 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

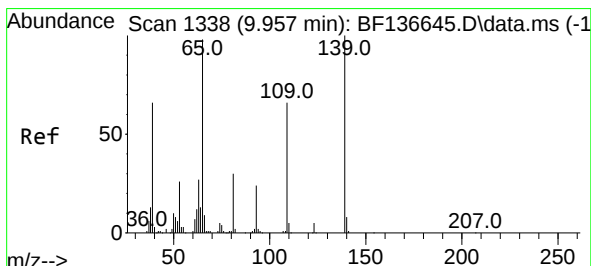
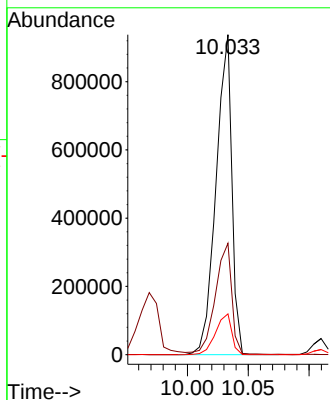
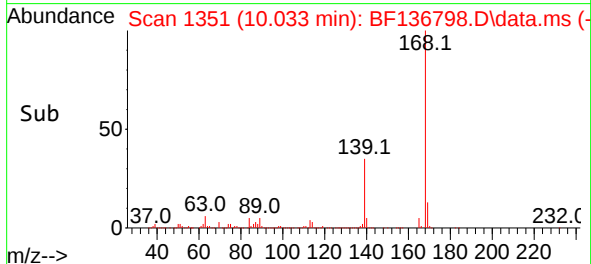
Instrument :
BNA_F
ClientSampleId :
PB157953BS



Tgt Ion:168 Resp: 848419
Ion Ratio Lower Upper
168 100
139 34.8 29.3 43.9
169 12.8 11.0 16.4

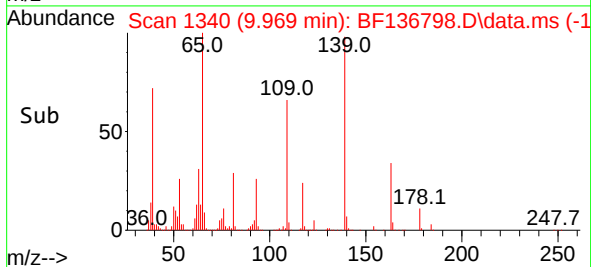
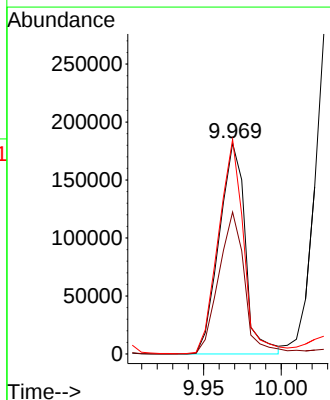
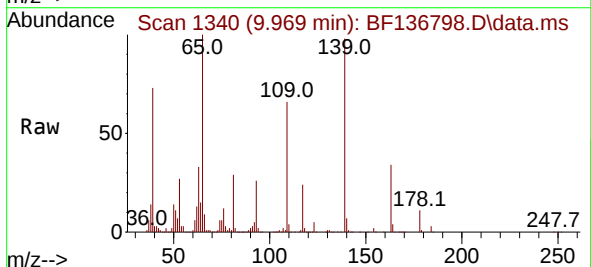
Manual Integrations
APPROVED

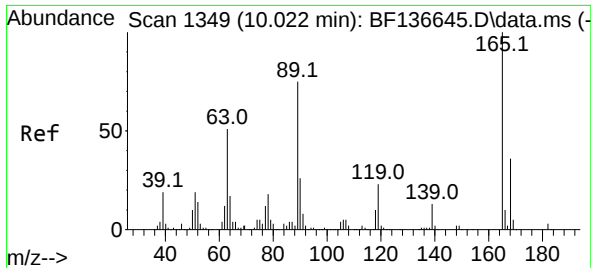
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#56
4-Nitrophenol
Concen: 73.073 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:139 Resp: 212123
Ion Ratio Lower Upper
139 100
109 67.4 45.8 85.8
65 101.8 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 35.514 ng
RT: 10.027 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

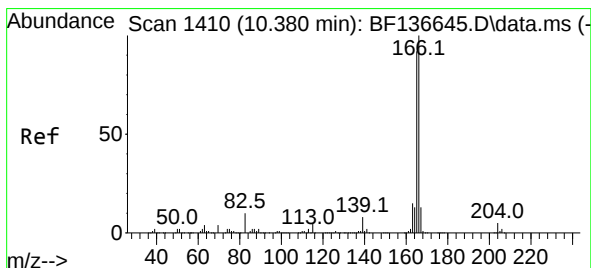
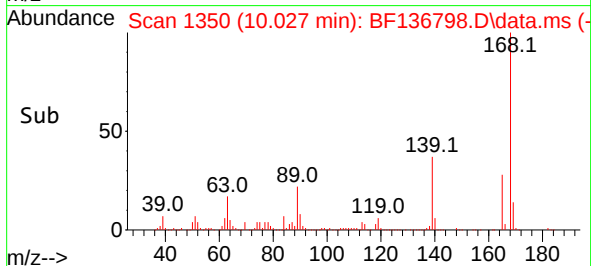
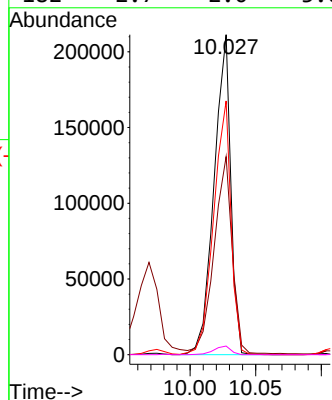
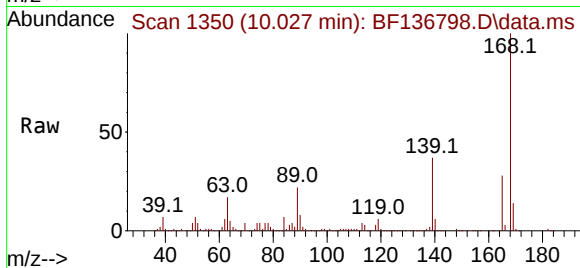
PB157953BS

Tgt Ion:165 Resp: 187159
Ion Ratio Lower Upper
165 100
63 61.9 41.0 61.6
89 79.3 59.9 89.9
182 2.7 2.0 3.0

Manual Integrations

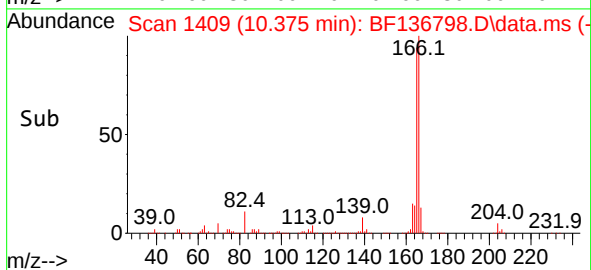
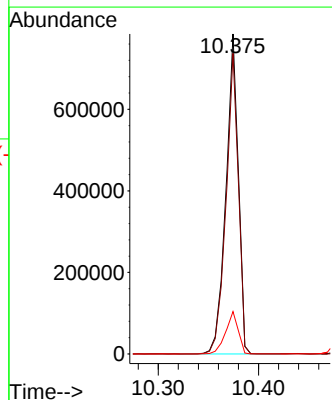
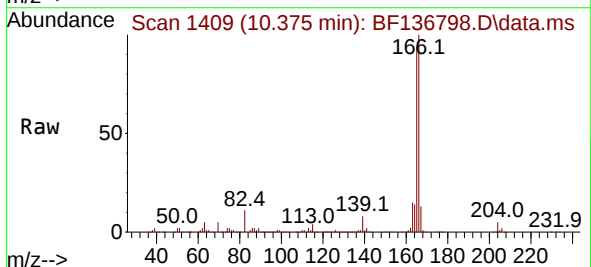
APPROVED

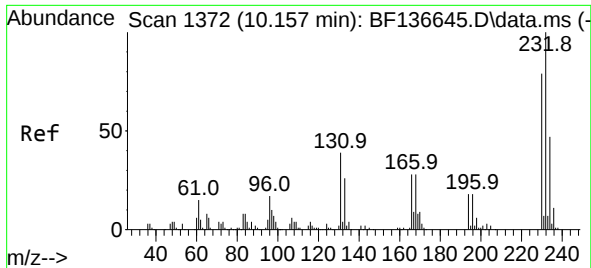
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#58
Fluorene
Concen: 37.743 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

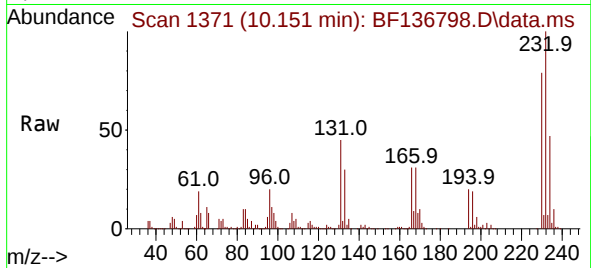
Tgt Ion:166 Resp: 671945
Ion Ratio Lower Upper
166 100
165 93.9 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.770 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

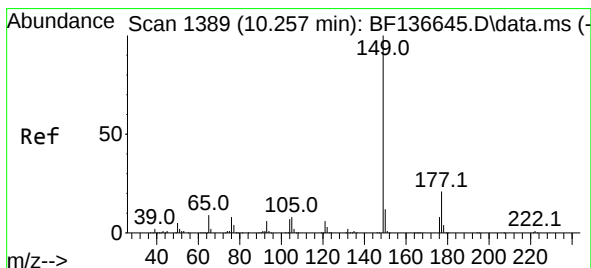
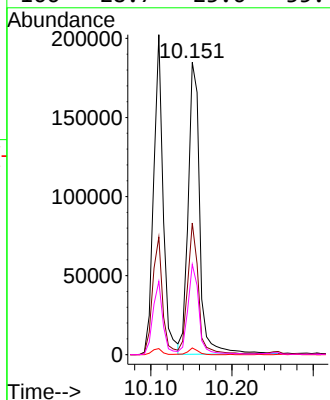
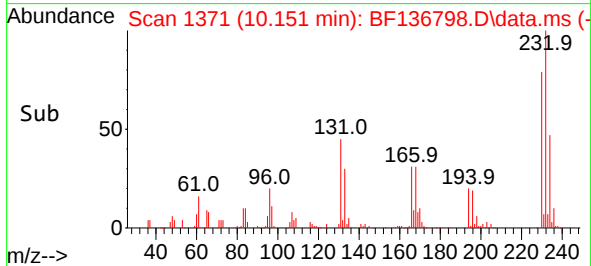
Instrument :
BNA_F
ClientSampleId :
PB157953BS



Tgt Ion:232 Resp: 182610
Ion Ratio Lower Upper
232 100
131 41.7 35.1 52.7
130 2.0 1.6 2.4
166 28.7 23.6 35.4

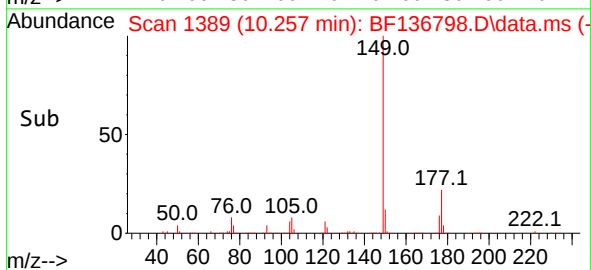
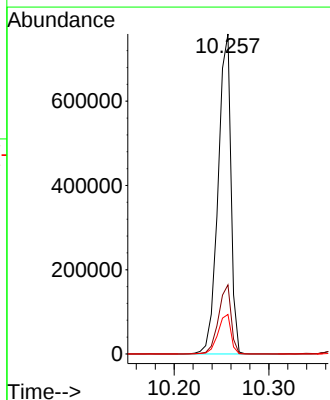
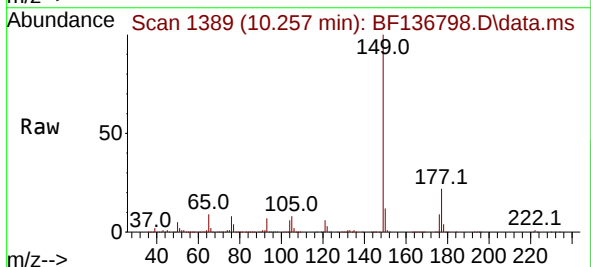
Manual Integrations
APPROVED

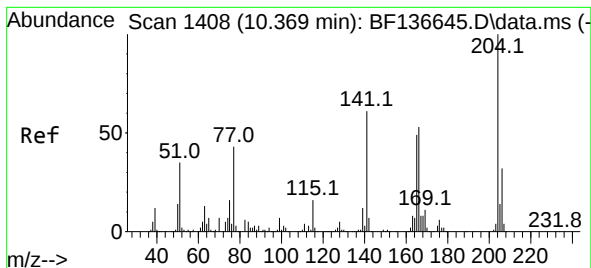
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#60
Diethylphthalate
Concen: 38.702 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

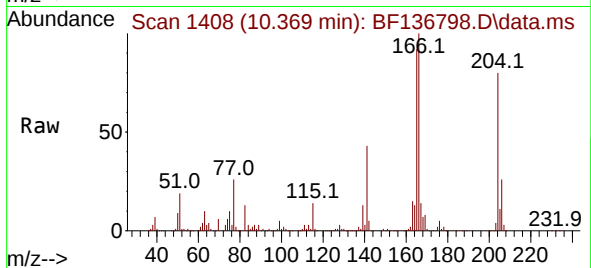
Tgt Ion:149 Resp: 718253
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.791 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

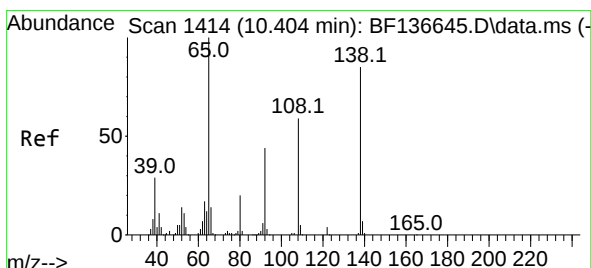
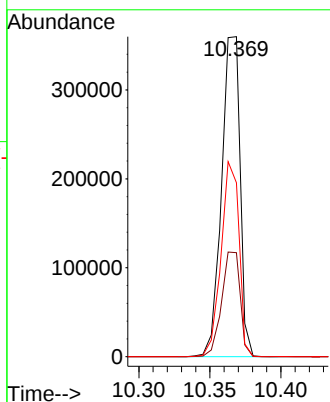
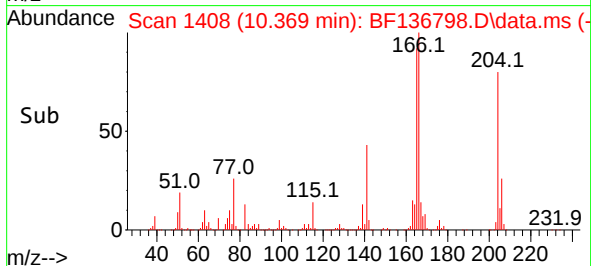
Instrument :
BNA_F
ClientSampleId :
PB157953BS



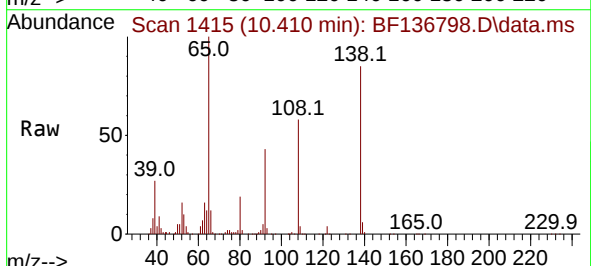
Tgt Ion:204 Resp: 327025
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 54.4 48.4 72.6

Manual Integrations
APPROVED

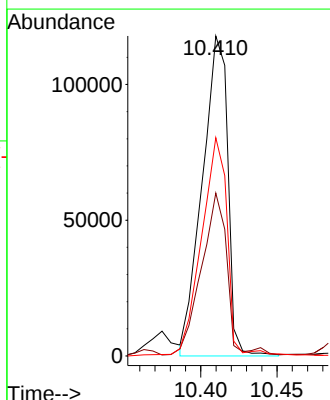
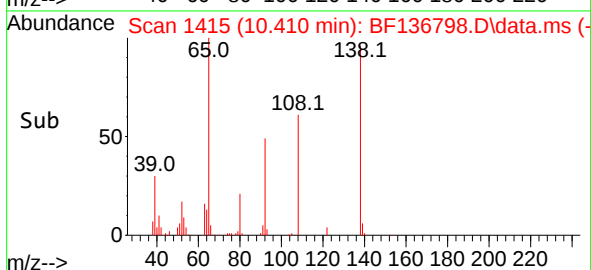
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

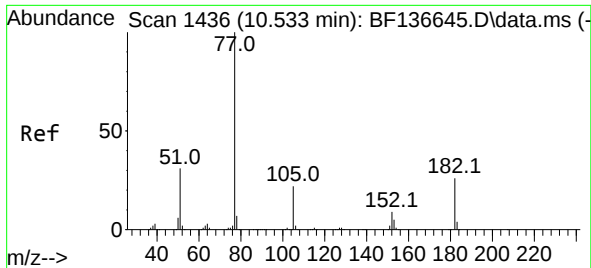


#62
4-Nitroaniline
Concen: 33.193 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:138 Resp: 137600
Ion Ratio Lower Upper
138 100
92 50.9 32.1 72.1
108 68.2 50.1 90.1





#63
Azobenzene
Concen: 38.036 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

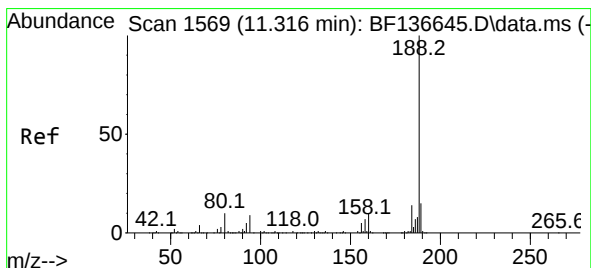
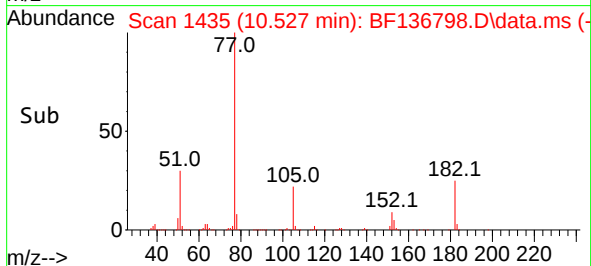
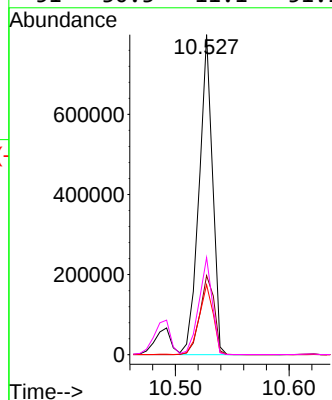
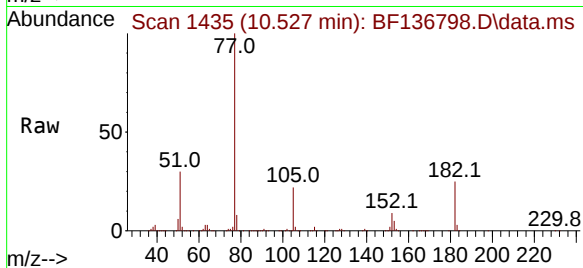
ClientSampleId :

PB157953BS

Tgt Ion: 77 Resp: 65932
Ion Ratio Lower Upper
77 100
182 24.7 6.0 46.0
105 21.9 2.3 42.3
51 30.3 11.1 51.1

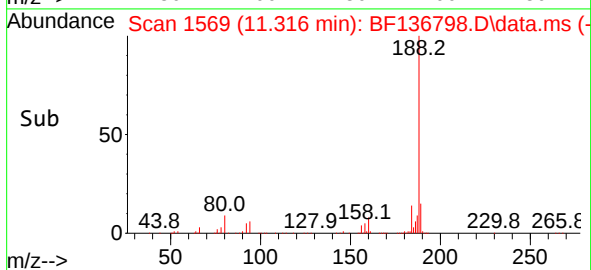
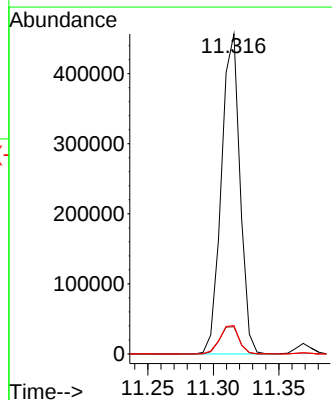
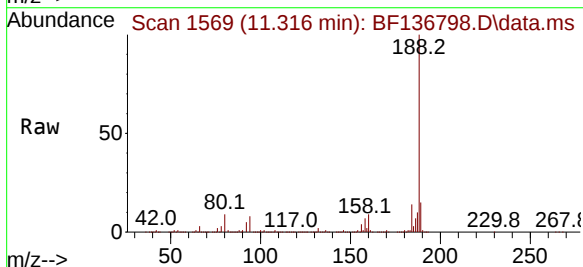
Manual Integrations
APPROVED

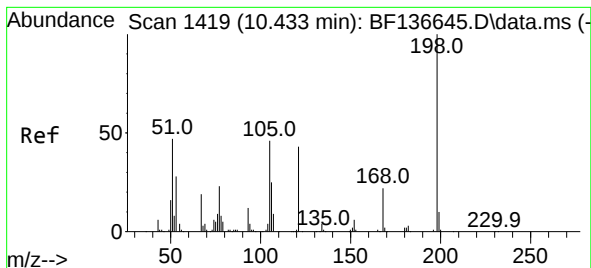
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:188 Resp: 450311
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.9 8.1 12.1





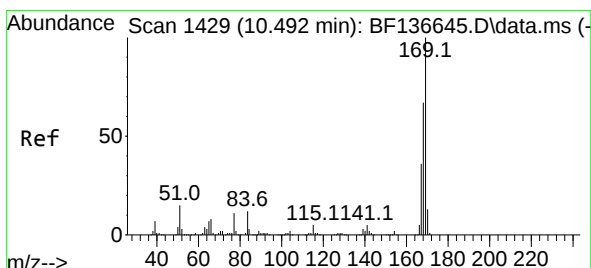
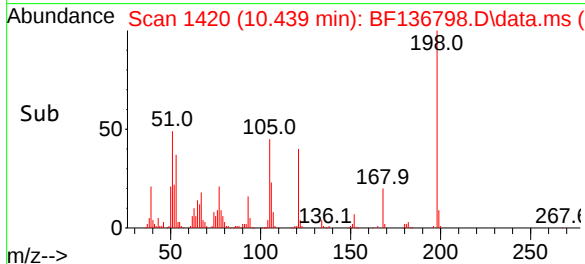
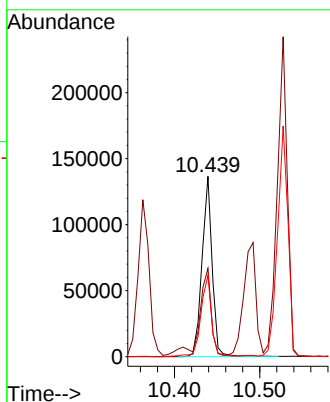
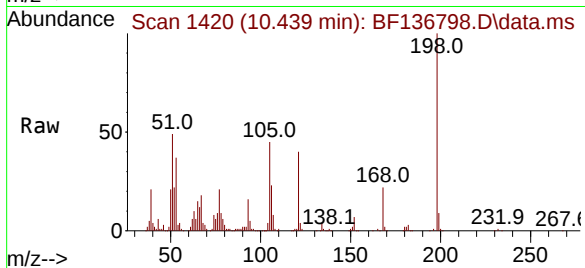
#65
4,6-Dinitro-2-methylphenol
Concen: 43.872 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :
BNA_F
ClientSampleId :
PB157953BS

Tgt Ion:198 Resp: 11322
Ion Ratio Lower Upper
198 100
51 49.0 34.1 74.1
105 45.2 27.3 67.3

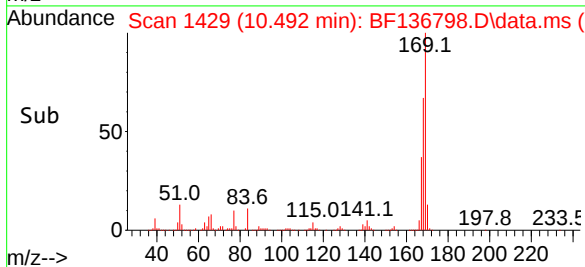
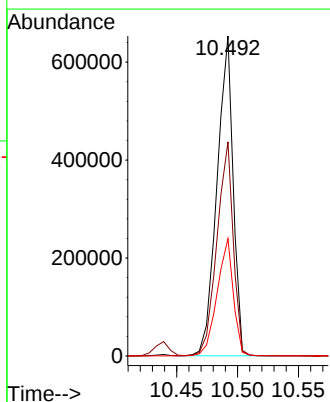
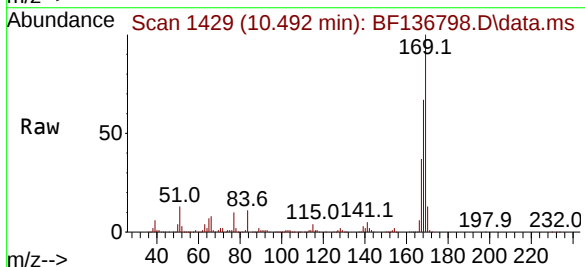
Manual Integrations
APPROVED

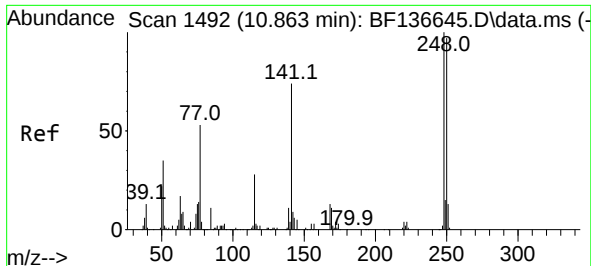
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#66
n-Nitrosodiphenylamine
Concen: 41.359 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:169 Resp: 605010
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 36.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.568 ng
RT: 10.857 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

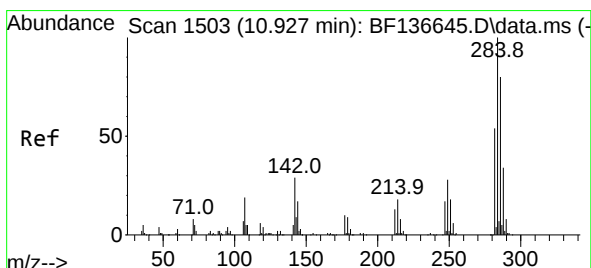
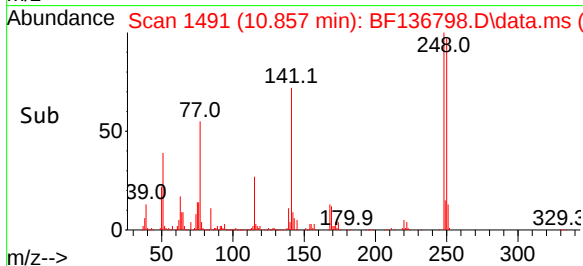
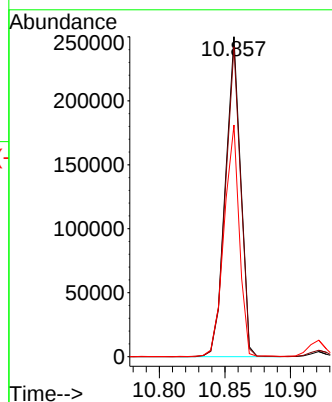
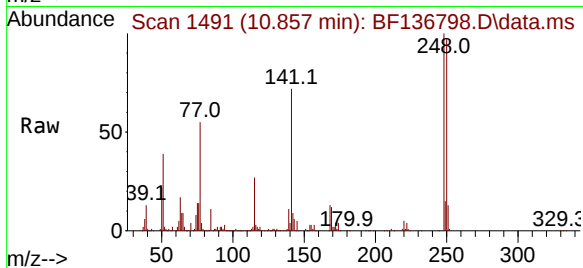
ClientSampleId :

PB157953BS

Tgt Ion:248 Resp: 20288
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 72.4 59.2 88.8

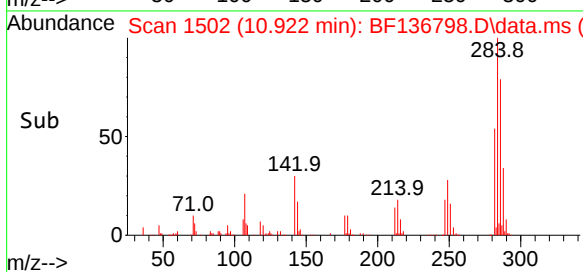
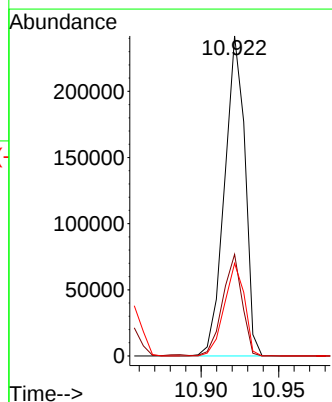
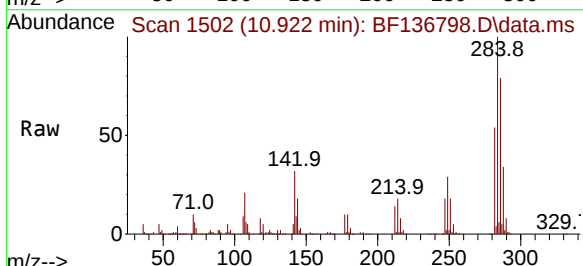
Manual Integrations
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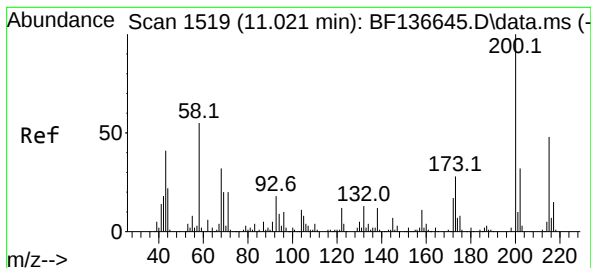
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#68
Hexachlorobenzene
Concen: 39.644 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:284 Resp: 220942
Ion Ratio Lower Upper
284 100
142 31.8 23.4 35.0
249 28.9 22.3 33.5





#69

Atrazine

Concen: 56.901 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

Tgt Ion:200 Resp: 21289

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

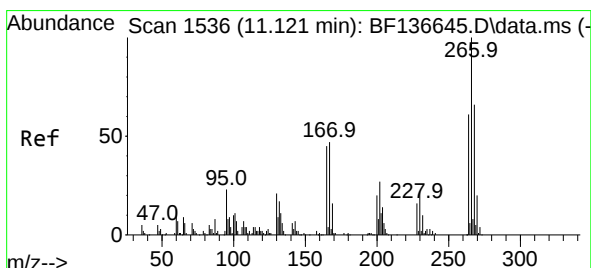
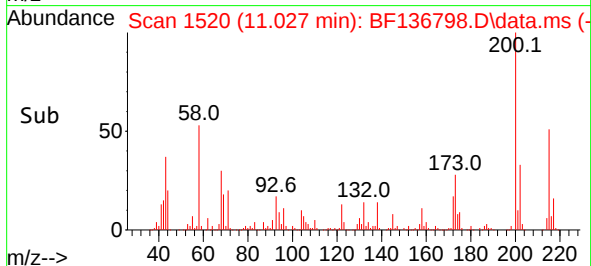
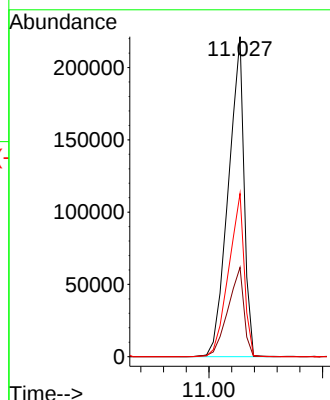
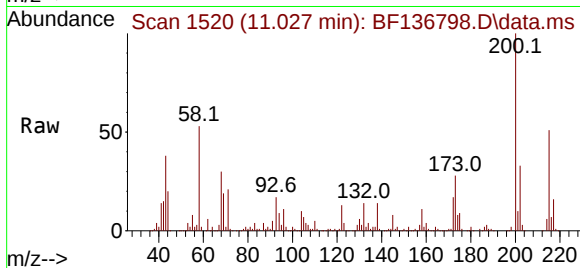
215 51.0 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#70

Pentachlorophenol

Concen: 78.081 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

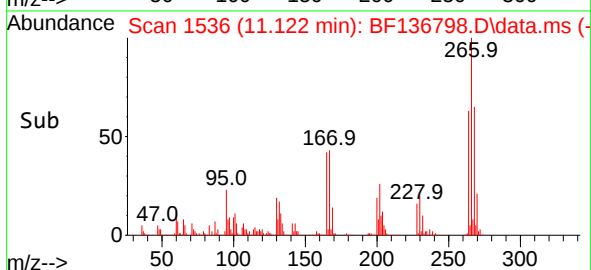
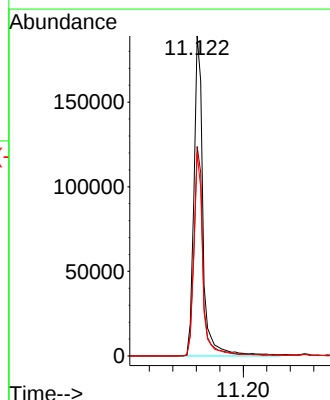
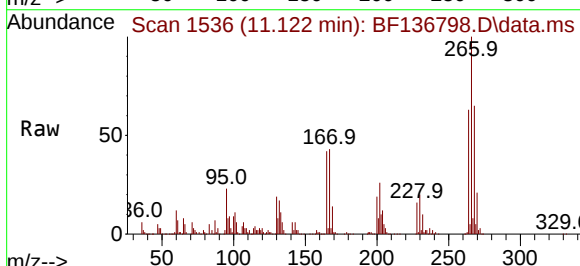
Tgt Ion:266 Resp: 202833

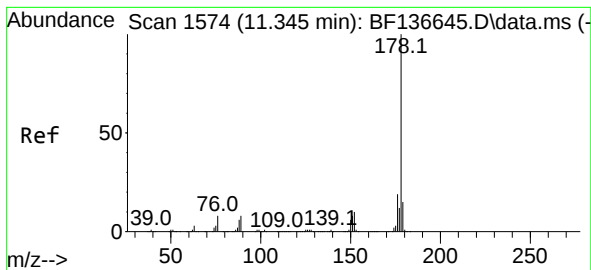
Ion Ratio Lower Upper

266 100

268 65.5 52.6 78.8

264 63.4 49.0 73.4





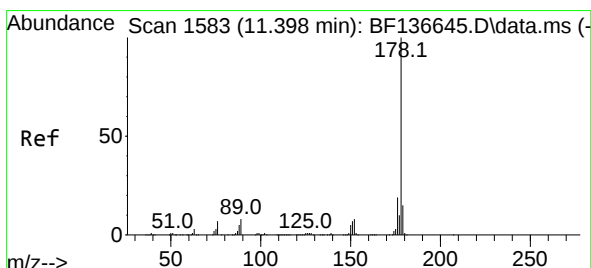
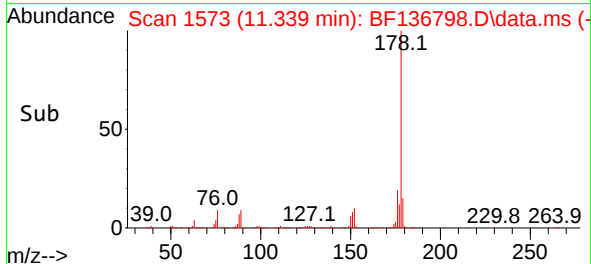
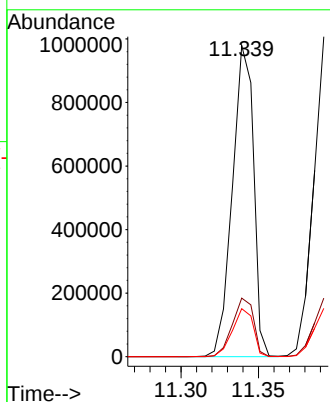
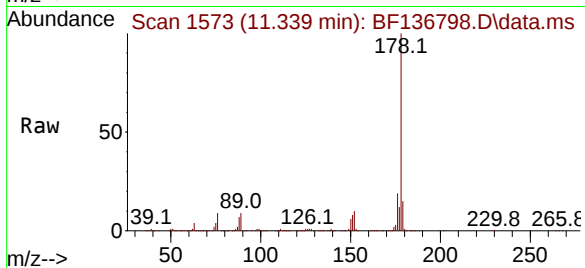
#71
Phenanthrene
Concen: 40.300 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :
BNA_F
ClientSampleId :
PB157953BS

Tgt Ion:178 Resp: 93117
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 11.9 17.9

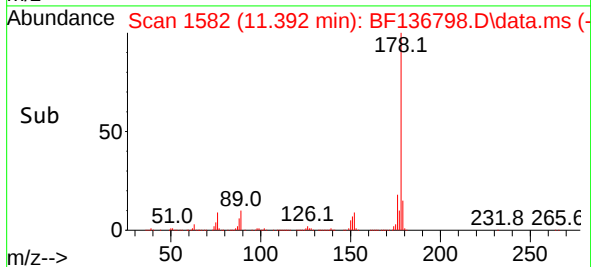
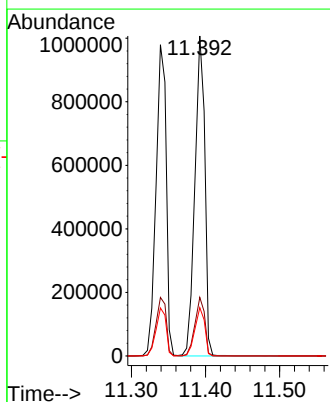
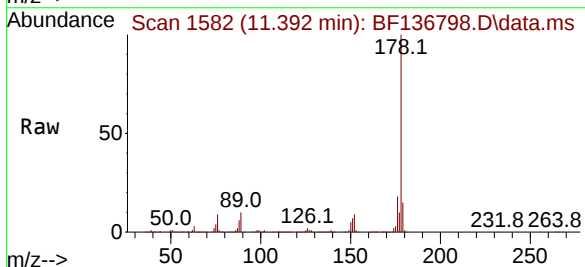
Manual Integrations
APPROVED

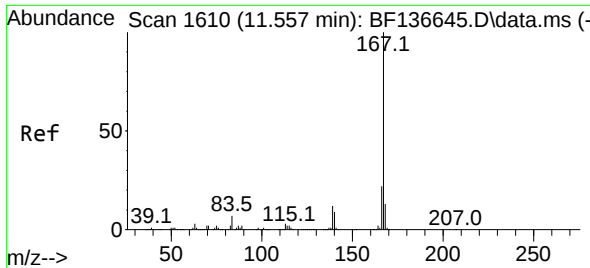
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#72
Anthracene
Concen: 39.990 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

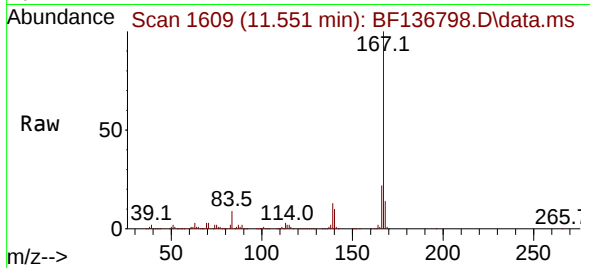
Tgt Ion:178 Resp: 935761
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.1 11.8 17.6





#73
 Carbazole
 Concen: 36.710 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136798.D
 Acq: 28 Dec 2023 17:42

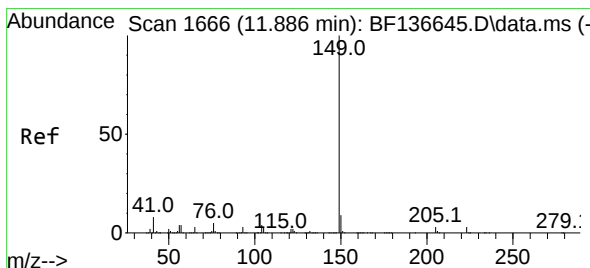
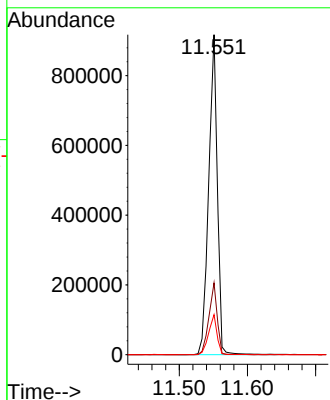
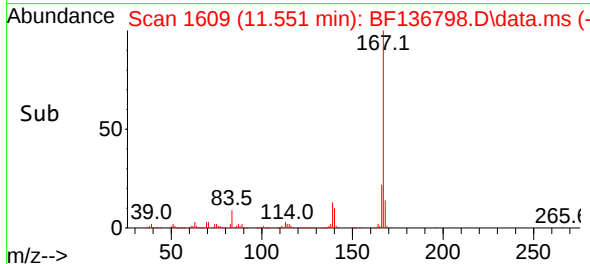
Instrument :
 BNA_F
 ClientSampleId :
 PB157953BS



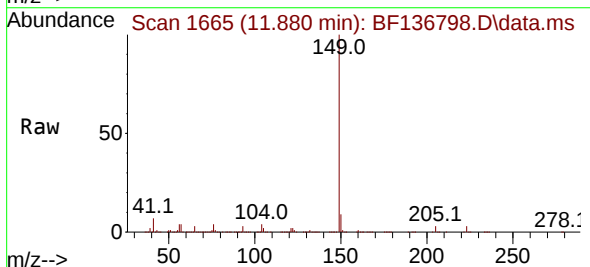
Tgt Ion:167 Resp: 809880
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.3 25.9
 139 12.5 9.8 14.6

Manual Integrations
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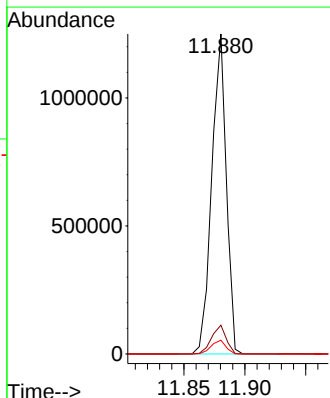
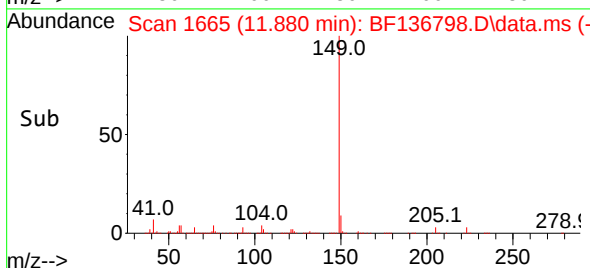
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

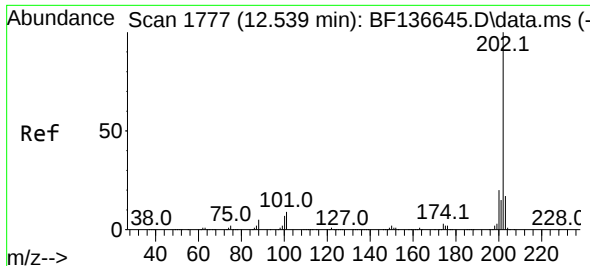


#74
 Di-n-butylphthalate
 Concen: 38.396 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136798.D
 Acq: 28 Dec 2023 17:42



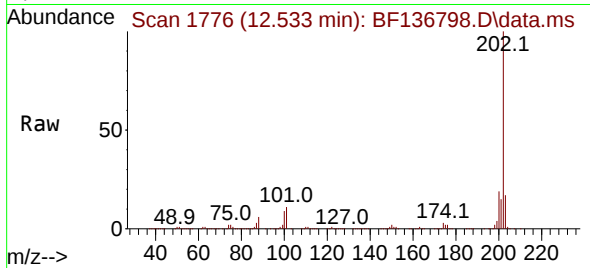
Tgt Ion:149 Resp: 1033644
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 34.885 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

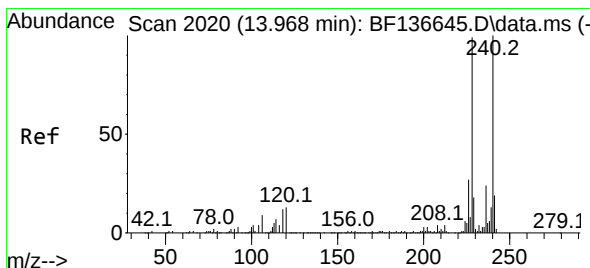
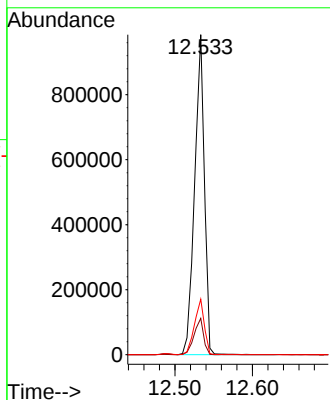
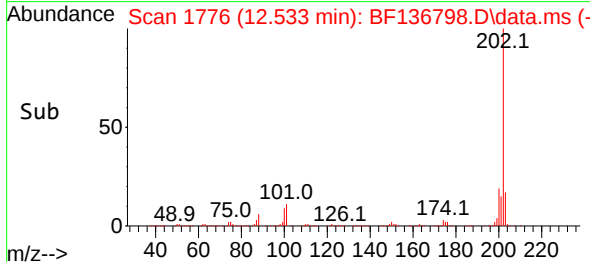
Instrument :
BNA_F
ClientSampleId :
PB157953BS



Tgt Ion:202 Resp: 862190
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.3
203 17.4 0.0 37.1

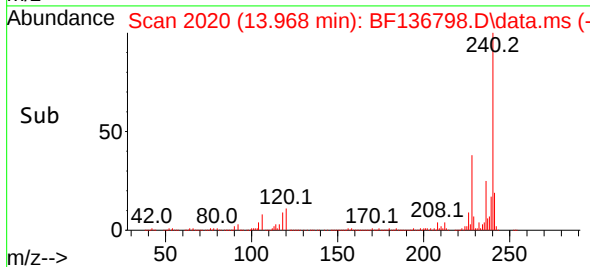
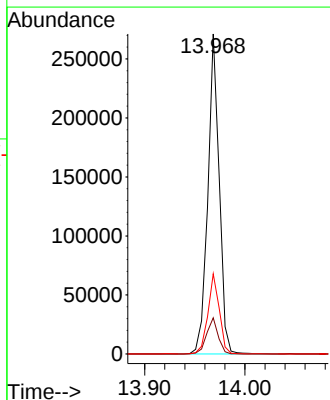
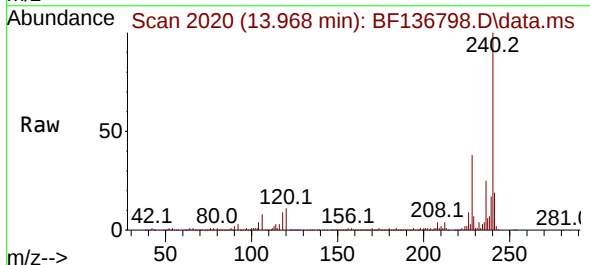
Manual Integrations
APPROVED

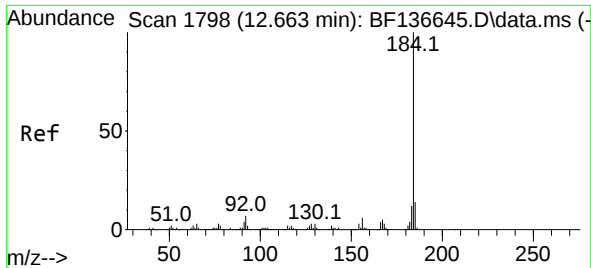
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:240 Resp: 214218
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 25.0 19.4 29.2





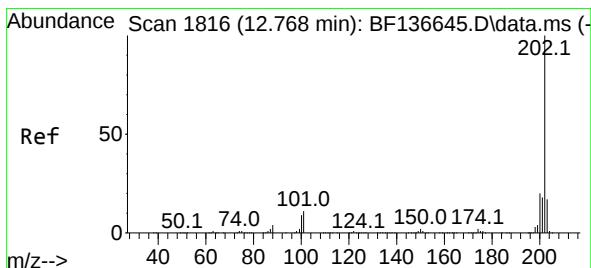
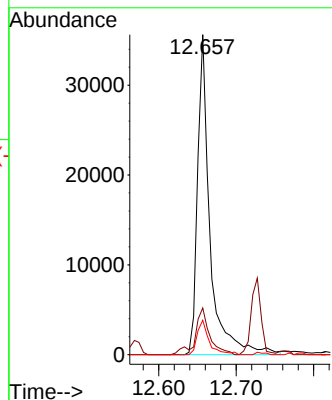
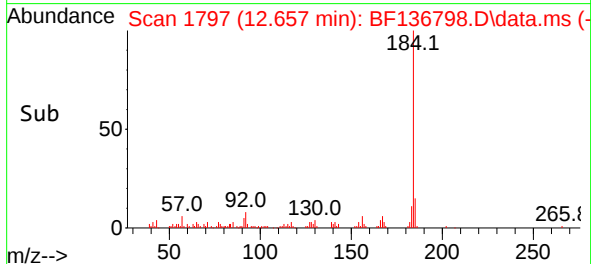
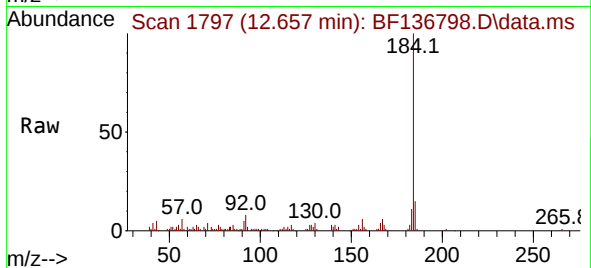
#77
Benzidine
Concen: 6.287 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :
BNA_F
ClientSampleId :
PB157953BS

Tgt Ion:184 Resp: 3971
Ion Ratio Lower Upper
184 100
185 14.6 11.2 16.8
183 10.7 9.3 13.9

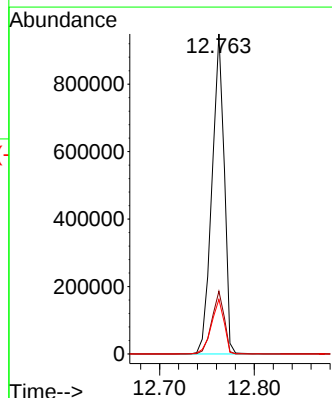
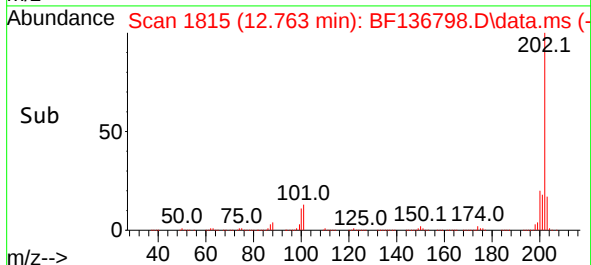
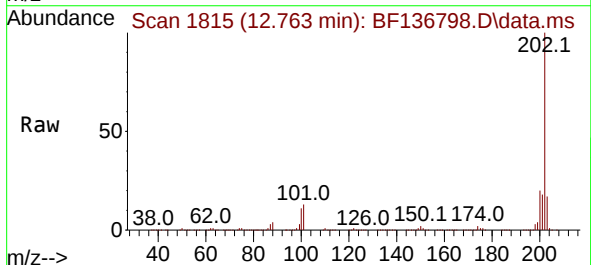
Manual Integrations
APPROVED

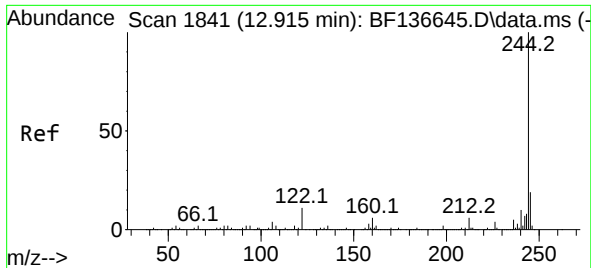
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#78
Pyrene
Concen: 40.492 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:202 Resp: 851502
Ion Ratio Lower Upper
202 100
200 19.6 15.9 23.9
203 17.0 13.8 20.6





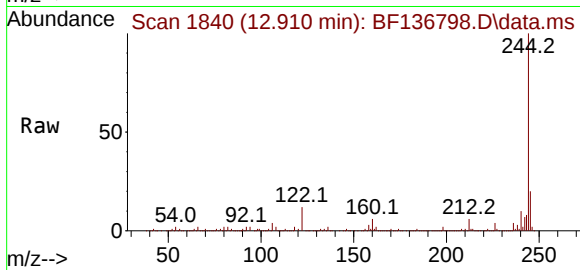
#79
 Terphenyl-d14
 Concen: 77.441 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136798.D
 Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

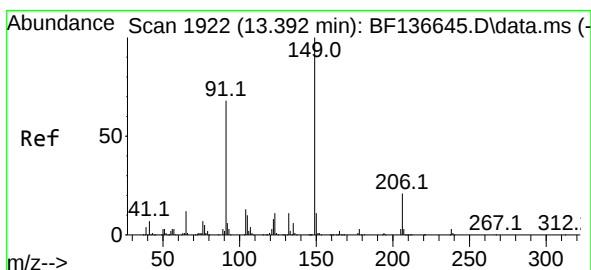
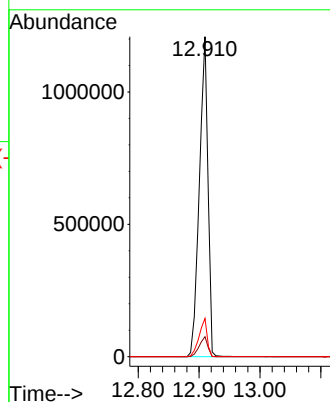
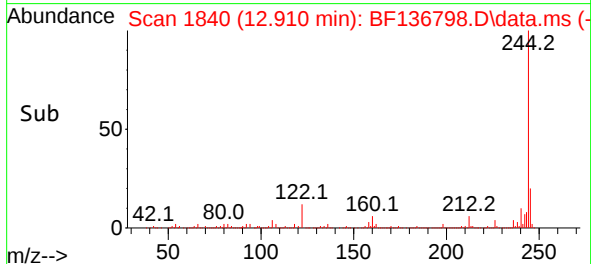


Tgt Ion:244 Resp: 1187090
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.9 9.0 13.4

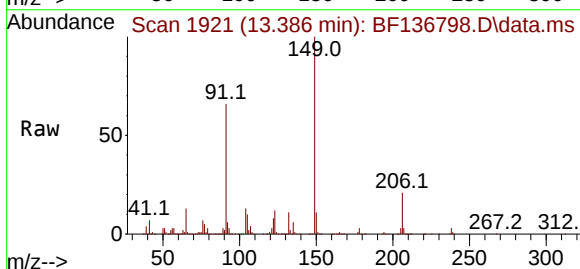
Manual Integrations

APPROVED

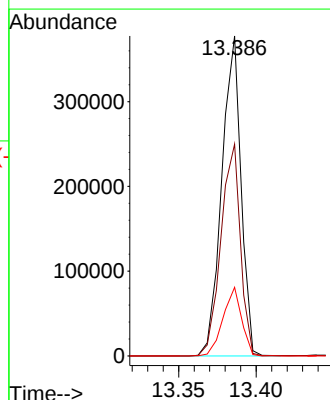
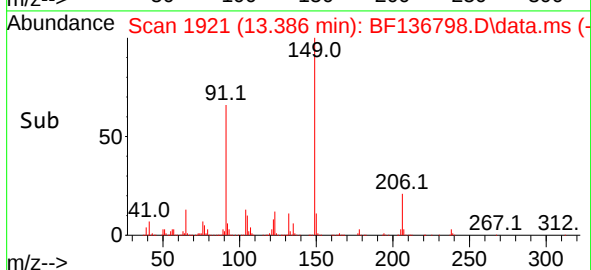
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

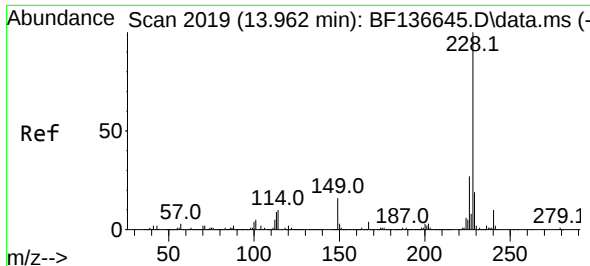


#80
 Butylbenzylphthalate
 Concen: 42.555 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136798.D
 Acq: 28 Dec 2023 17:42



Tgt Ion:149 Resp: 325623
 Ion Ratio Lower Upper
 149 100
 91 66.2 54.1 81.1
 206 21.4 17.1 25.7





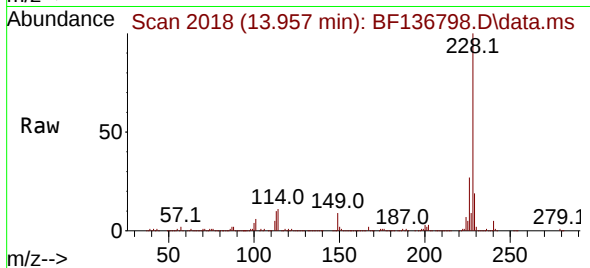
#81
Benzo(a)anthracene
Concen: 40.352 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS

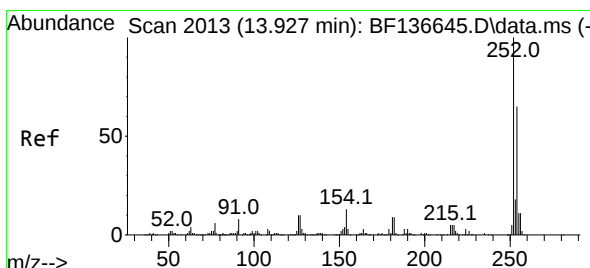
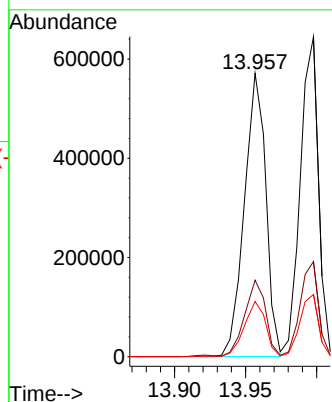
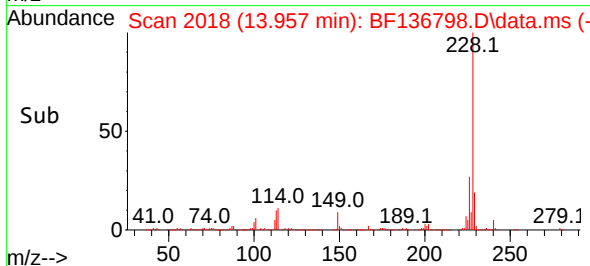


Tgt Ion:228 Resp: 600235
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.5 14.9 22.3

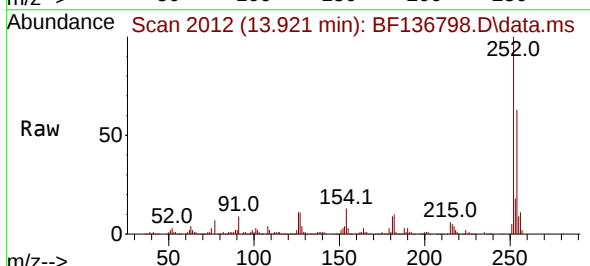
Manual Integrations

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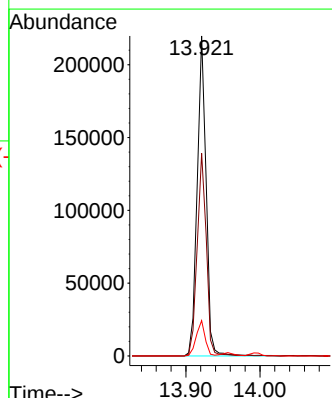
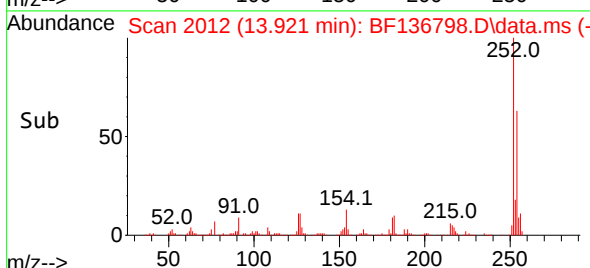
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

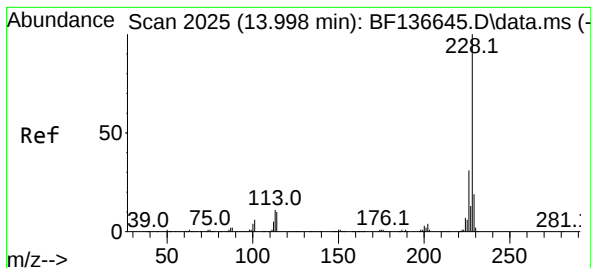


#82
3,3'-Dichlorobenzidine
Concen: 43.539 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:252 Resp: 183925
Ion Ratio Lower Upper
252 100
254 63.3 52.2 78.4
126 11.1 8.0 12.0





#83

Chrysene

Concen: 39.474 ng

RT: 13.998 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136798.D

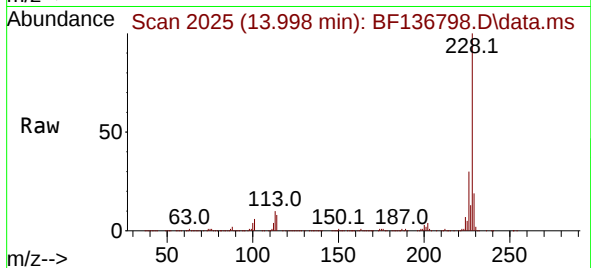
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS



Tgt Ion:228 Resp: 574190

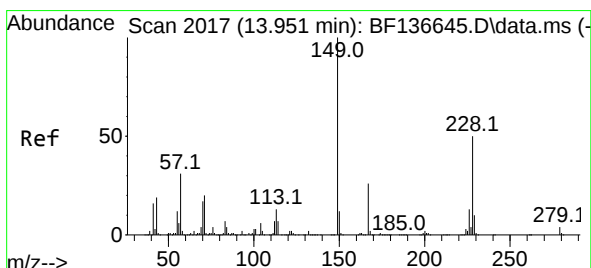
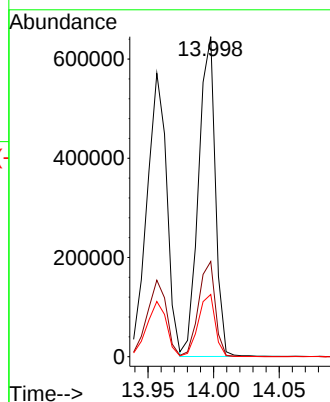
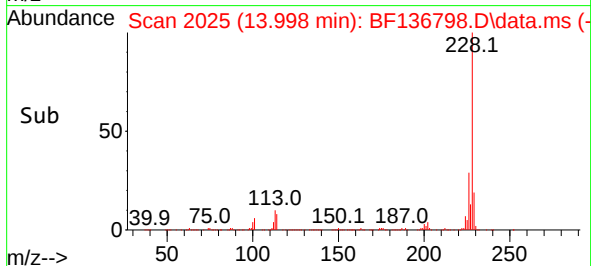
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	19.4	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.048 ng

RT: 13.945 min Scan# 2016

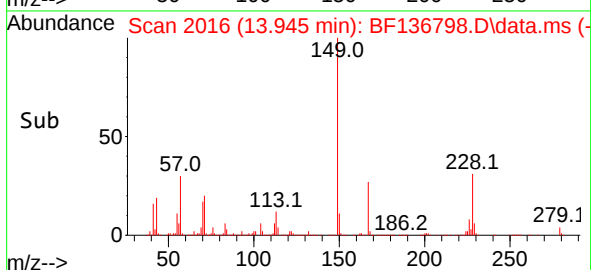
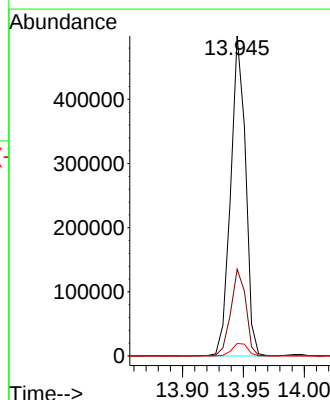
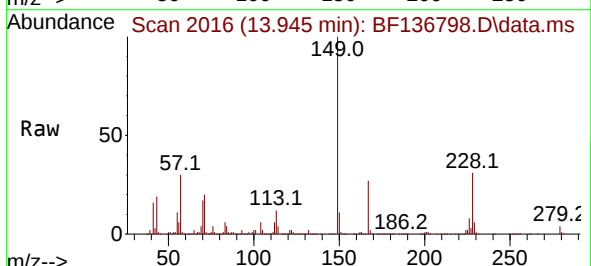
Delta R.T. -0.006 min

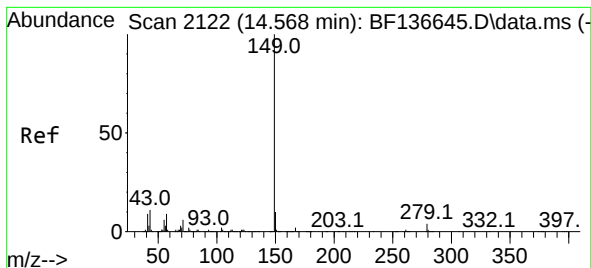
Lab File: BF136798.D

Acq: 28 Dec 2023 17:42

Tgt Ion:149 Resp: 424072

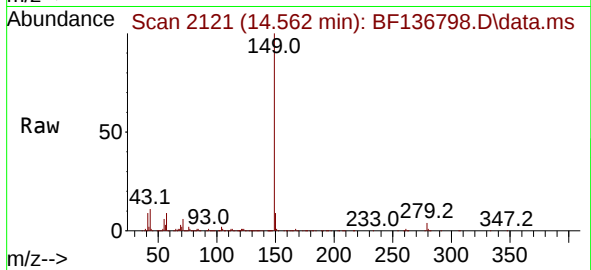
Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.9	31.3
279	3.9	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 47.328 ng
RT: 14.562 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

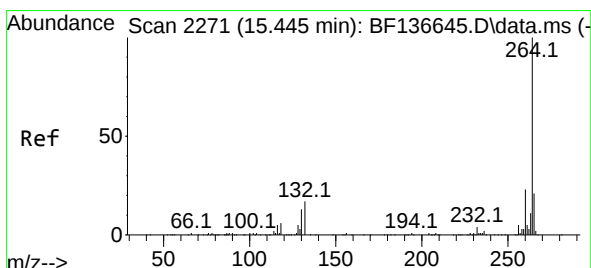
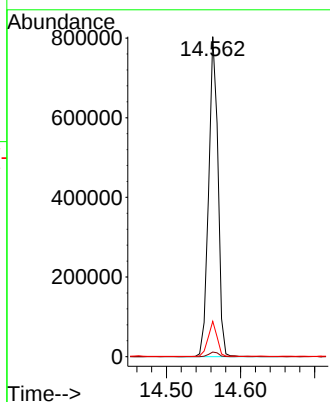
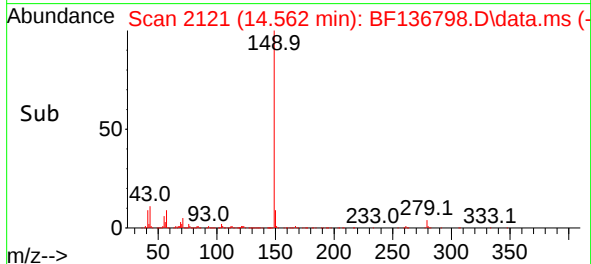
Instrument :
BNA_F
ClientSampleId :
PB157953BS



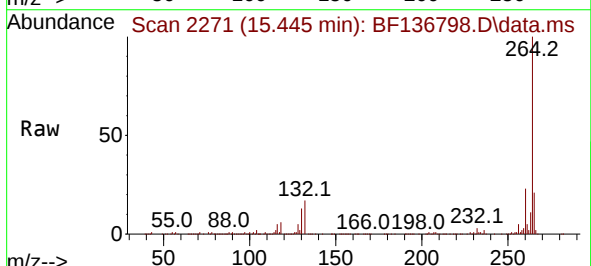
Tgt Ion:149 Resp: 704810
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 8.9 13.3

Manual Integrations
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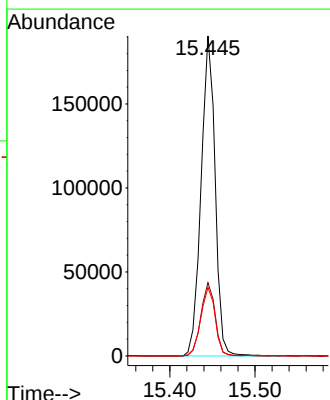
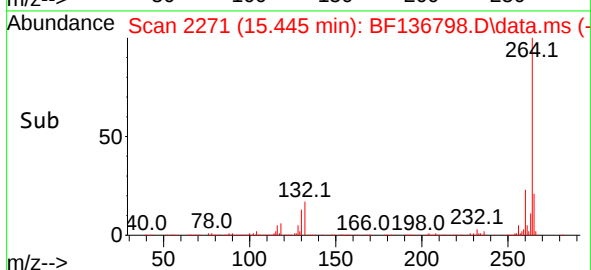
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

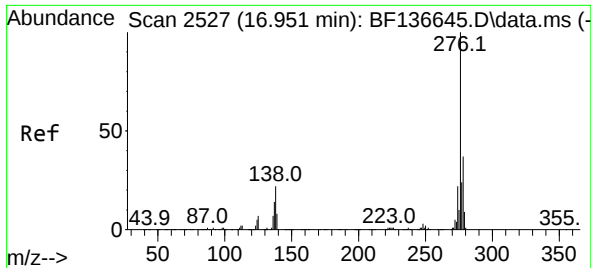


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:264 Resp: 217590
Ion Ratio Lower Upper
264 100
260 22.9 18.3 27.5
265 21.4 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.392 ng
RT: 16.962 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

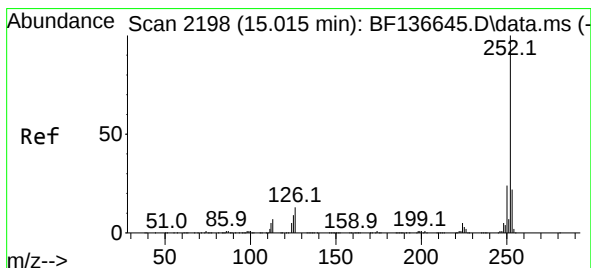
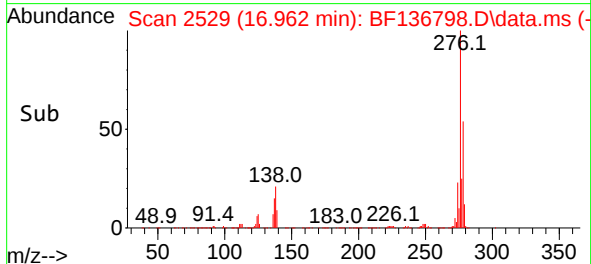
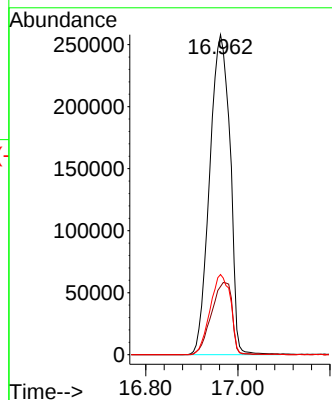
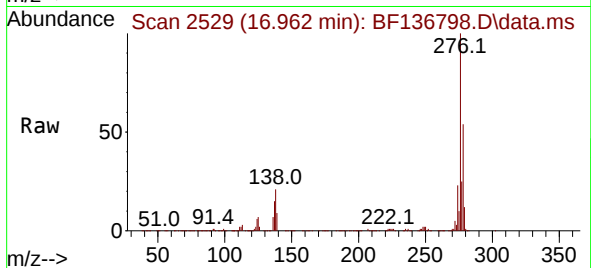
ClientSampleId :

PB157953BS

Tgt Ion:276 Resp: 791679
Ion Ratio Lower Upper
276 100
138 22.9 18.7 28.1
277 25.2 20.2 30.2

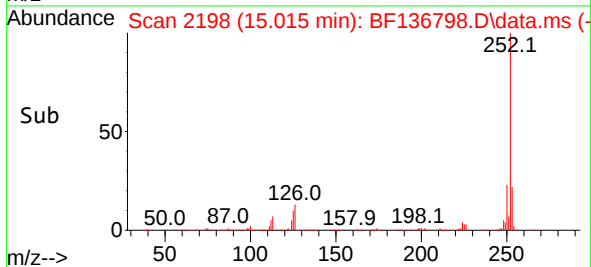
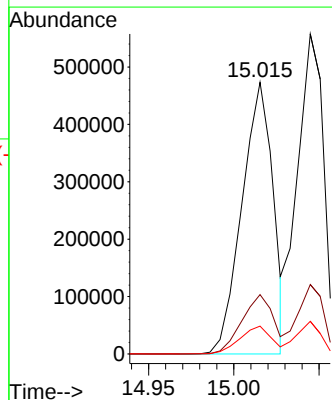
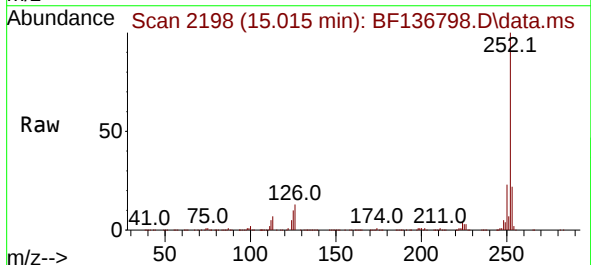
Manual Integrations
APPROVED

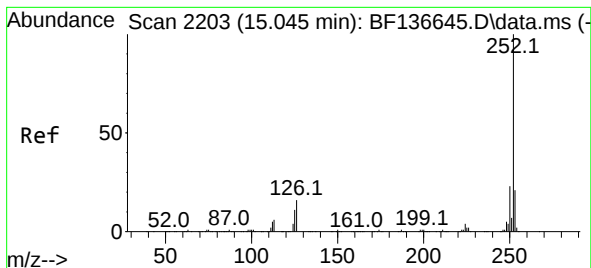
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#88
Benzo(b)fluoranthene
Concen: 41.433 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

Tgt Ion:252 Resp: 602153
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.742 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136798.D

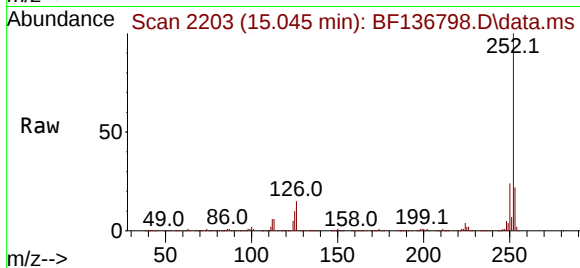
Acq: 28 Dec 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PB157953BS



Tgt Ion:252 Resp: 600680

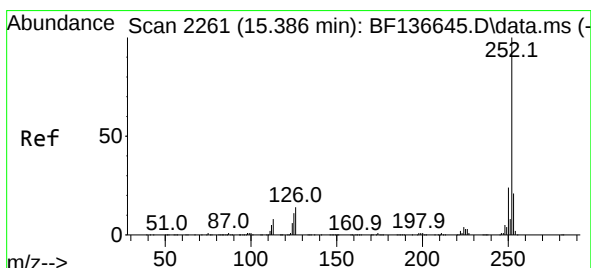
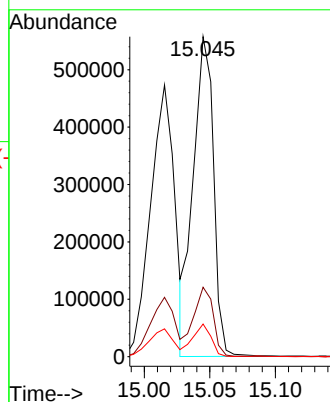
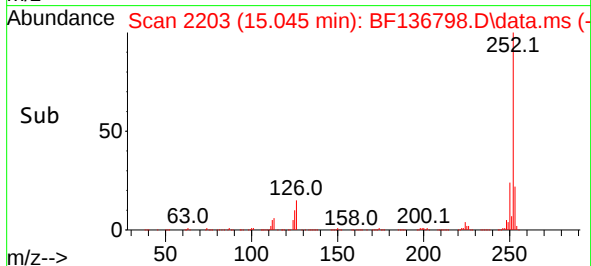
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#90

Benzo(a)pyrene

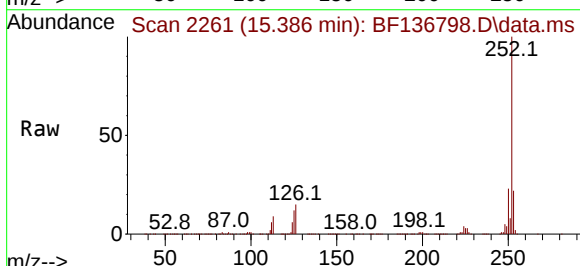
Concen: 44.174 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

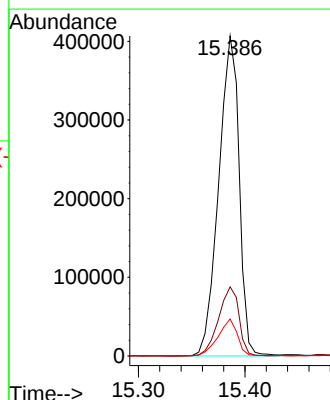
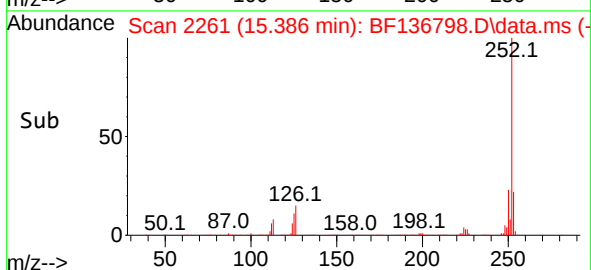
Lab File: BF136798.D

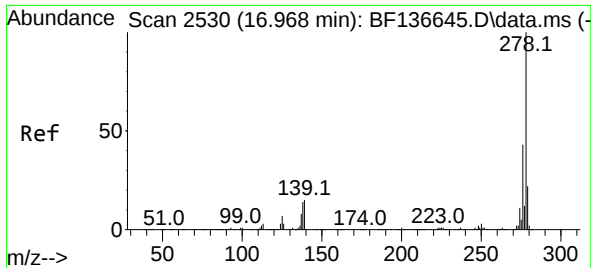
Acq: 28 Dec 2023 17:42



Tgt Ion:252 Resp: 541899

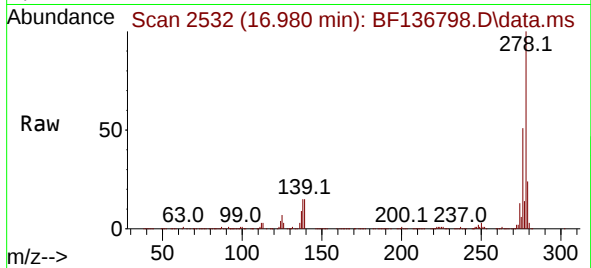
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.6	8.8	13.2





#91
Dibenzo(a,h)anthracene
Concen: 51.131 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42

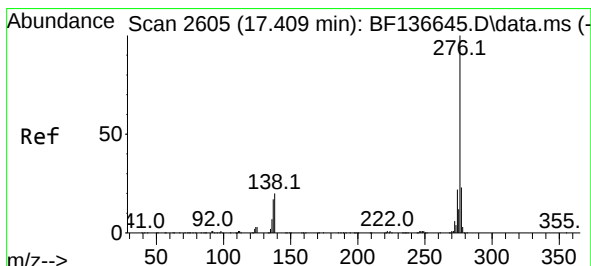
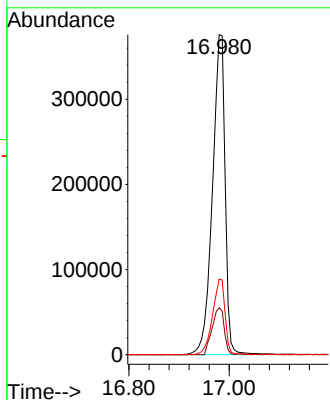
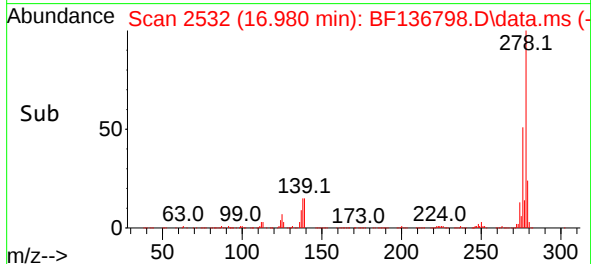
Instrument :
BNA_F
ClientSampleId :
PB157953BS



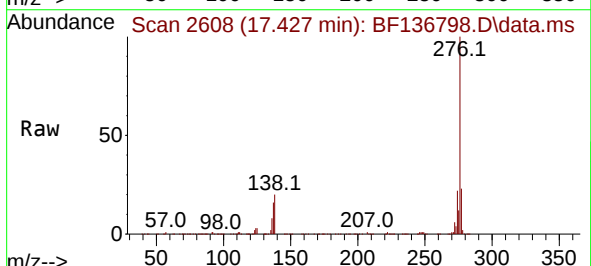
Tgt Ion:278 Resp: 659009
Ion Ratio Lower Upper
278 100
139 14.7 12.2 18.4
279 23.6 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#92
Benzo(g,h,i)perylene
Concen: 50.637 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF136798.D
Acq: 28 Dec 2023 17:42



Tgt Ion:276 Resp: 668452
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 19.9 15.6 23.4

